

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121918\
 Data File : BG038732.D
 Acq On : 19 Dec 2018 18:25
 Operator : JU/SJ
 Sample : PB115792BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115792BS

Quant Time: Dec 19 23:54:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23833	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	93979	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	63182	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	160138	20.00	ng	0.00
76) Chrysene-d12	21.72	240	161639	20.00	ng	0.00
87) Perylene-d12	25.02	264	172747	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	188531	140.30	ng	0.00
7) Phenol-d6	7.21	99	256644	139.13	ng	0.00
23) Nitrobenzene-d5	9.23	82	124562	67.71	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	128136	147.15	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	317849	69.01	ng	0.00
79) Terphenyl-d14	20.04	244	633538	85.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	21937	35.078	ng	95
3) Pyridine	3.89	79	59644	34.640	ng	99
4) n-Nitrosodimethylamine	3.82	42	36186	42.892	ng	# 90
6) Aniline	7.39	93	71178	30.226	ng	96
8) 2-Chlorophenol	7.62	128	67178	43.201	ng	96
9) Benzaldehyde	7.20	77	21026	17.570	ng	95
10) Phenol	7.24	94	84373	43.052	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	55049	35.281	ng	95
12) 1,3-Dichlorobenzene	7.94	146	70590	38.393	ng	99
13) 1,4-Dichlorobenzene	8.09	146	71396	37.915	ng	98
14) 1,2-Dichlorobenzene	8.41	146	69252	39.010	ng	98
15) Benzyl Alcohol	8.30	79	61276	42.558	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	119762	33.507	ng	97
17) 2-Methylphenol	8.50	107	58117	44.262	ng	98
18) Hexachloroethane	9.13	117	25629	37.247	ng	90
19) n-Nitroso-di-n-propylamine	8.86	70	46875	36.180	ng	98
20) 3+4-Methylphenols	8.82	107	79488	43.835	ng	98
22) Acetophenone	8.89	105	95678	40.759	ng	# 96
24) Nitrobenzene	9.27	77	74188	39.865	ng	98
25) Isophorone	9.79	82	132827	40.187	ng	99
26) 2-Nitrophenol	9.98	139	39015	40.961	ng	94
27) 2,4-Dimethylphenol	10.03	122	66936	49.035	ng	94
28) bis(2-Chloroethoxy)methane	10.27	93	75925	40.705	ng	95
29) 2,4-Dichlorophenol	10.52	162	72911	48.011	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	76609	41.764	ng	97
31) Naphthalene	10.93	128	203095	43.861	ng	98
32) Benzoic acid	10.18	122	23817	31.816	ng	# 89
33) 4-Chloroaniline	11.04	127	49038	24.393	ng	96
34) Hexachlorobutadiene	11.18	225	51145	41.206	ng	97
35) Caprolactam	11.82	113	24188	38.487	ng	94
36) 4-Chloro-3-methylphenol	12.15	107	75101	43.336	ng	94
37) 2-Methylnaphthalene	12.52	142	154329	46.718	ng	100
38) 1-Methylnaphthalene	12.74	142	144169	44.975	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	95621	40.488	ng	99

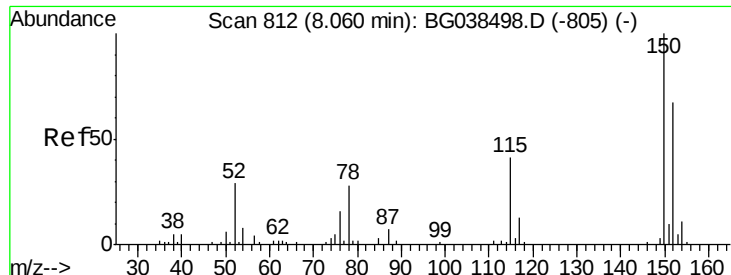
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121918\
 Data File : BG038732.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	110106	84.859	ng	94
43) 2,4,6-Trichlorophenol	13.13	196	64547	44.450	ng	94
44) 2,4,5-Trichlorophenol	13.20	196	71753	46.669	ng	97
46) 1,1'-Biphenyl	13.53	154	204822	38.670	ng	98
47) 2-Chloronaphthalene	13.57	162	165575	40.469	ng	98
48) 2-Nitroaniline	13.79	65	52781	40.501	ng	92
49) Acenaphthylene	14.42	152	271602	44.405	ng	98
50) Dimethylphthalate	14.14	163	214352	41.544	ng	98
51) 2,6-Dinitrotoluene	14.28	165	48979	41.889	ng	96
52) Acenaphthene	14.76	154	152965	41.823	ng	99
53) 3-Nitroaniline	14.61	138	36197	30.368	ng	97
54) 2,4-Dinitrophenol	14.82	184	43061	63.067	ng	98
55) Dibenzofuran	15.09	168	261977	41.786	ng	97
56) 4-Nitrophenol	14.91	139	73024	80.759	ng	96
57) 2,4-Dinitrotoluene	15.06	165	70244	42.653	ng	95
58) Fluorene	15.74	166	210281	45.271	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	62763	45.373	ng	100
60) Diethylphthalate	15.50	149	221125	39.039	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	118564	40.911	ng	100
62) 4-Nitroaniline	15.78	138	51284	41.793	ng	90
63) Azobenzene	16.02	77	187655	39.658	ng	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	42546	37.244	ng	92
66) n-Nitrosodiphenylamine	15.95	169	194499	41.337	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	80700	41.263	ng	99
68) Hexachlorobenzene	16.74	284	84546	41.703	ng	96
69) Atrazine	16.89	200	79899	45.757	ng	96
70) Pentachlorophenol	17.09	266	84023	70.069	ng	99
71) Phenanthrene	17.49	178	366478	44.132	ng	99
72) Anthracene	17.58	178	375703	45.829	ng	99
73) Carbazole	17.85	167	330625	40.779	ng	98
74) Di-n-butylphthalate	18.38	149	382058	41.068	ng	99
75) Fluoranthene	19.49	202	457566	44.534	ng	97
77) Benzidine	19.67	184	188784	39.492	ng	99
78) Pyrene	19.86	202	460544	43.129	ng	100
80) Butylbenzylphthalate	20.72	149	174013	41.711	ng	99
81) Benzo(a)anthracene	21.70	228	445056	45.186	ng	100
82) 3,3'-Dichlorobenzidine	21.62	252	120409	30.824	ng	99
83) Chrysene	21.77	228	413488	43.585	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	242437	40.974	ng	98
85) Di-n-octyl phthalate	22.79	149	413894	41.768	ng	98
86) Indeno(1,2,3-cd)pyrene	28.80	276	506402	45.403	ng	# 76
88) Benzo(b)fluoranthene	23.96	252	448571	47.295	ng	99
89) Benzo(k)fluoranthene	24.03	252	430084	45.538	ng	97
90) Benzo(a)pyrene	24.86	252	434823	47.521	ng	98
91) Dibenzo(a,h)anthracene	28.86	278	420216	46.124	ng	97
92) Benzo(g,h,i)perylene	29.99	276	417734	46.526	ng	97

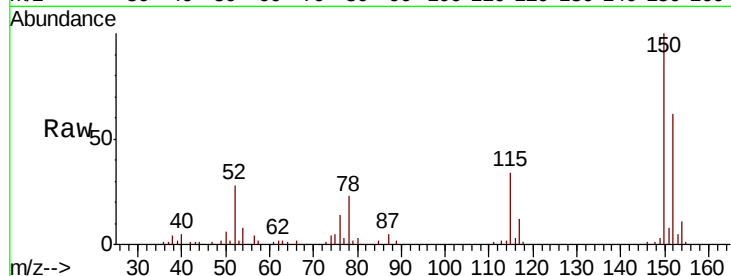
(#) = qualifier out of range (m) = manual integration (+) = signals summed



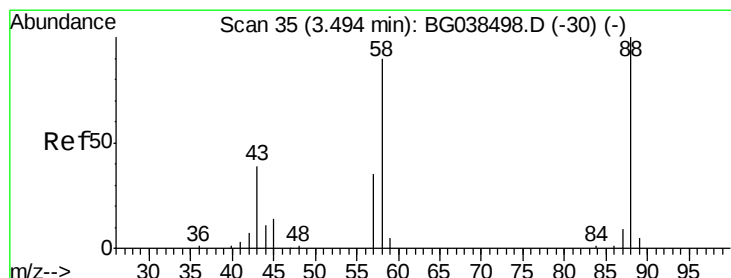
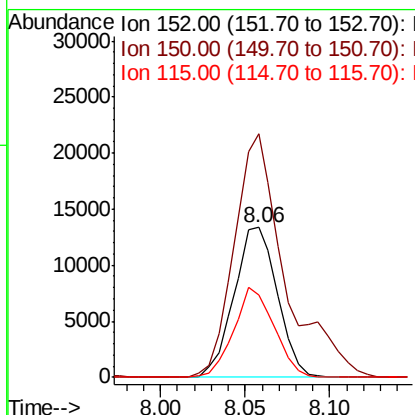
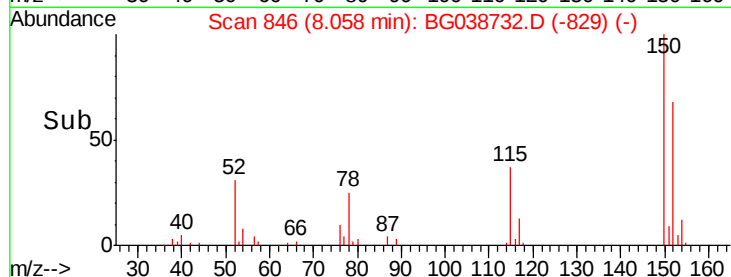
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115792BS

Tgt Ion:152 Resp: 23833
 Ion Ratio Lower Upper
 152 100
 150 162.3 119.5 179.3
 115 55.1 49.6 74.4

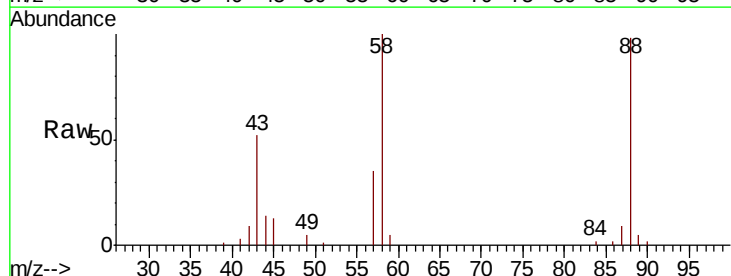


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

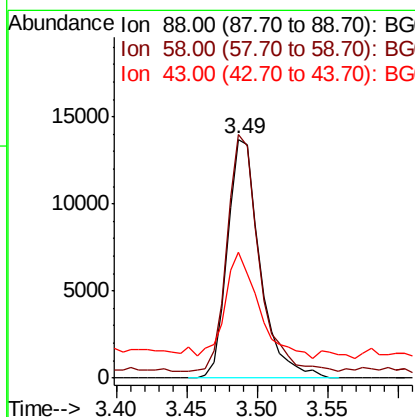
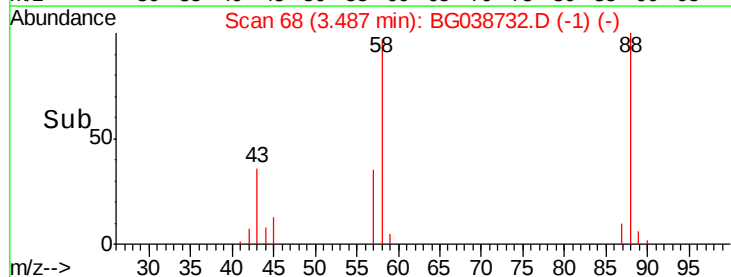


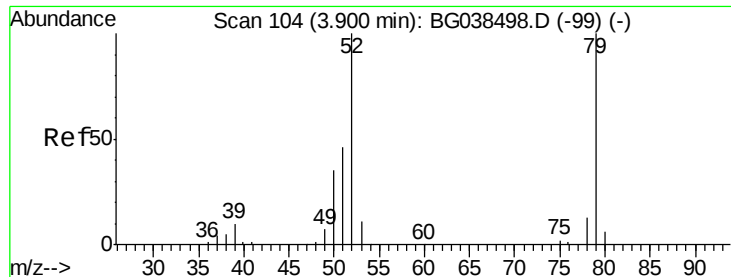
#2
 1,4-Dioxane
 Concen: 35.078 ng
 RT: 3.49 min Scan# 68
 Delta R.T. -0.01 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Tgt Ion: 88 Resp: 21937
 Ion Ratio Lower Upper
 88 100
 58 97.5 75.7 113.5
 43 45.6 31.6 47.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 34.640 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PB115792BS

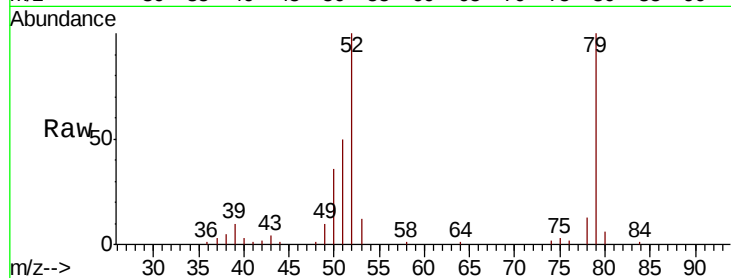
Tgt Ion: 79 Resp: 59644

Ion Ratio Lower Upper

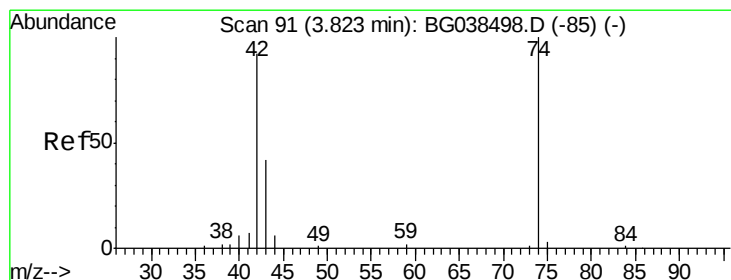
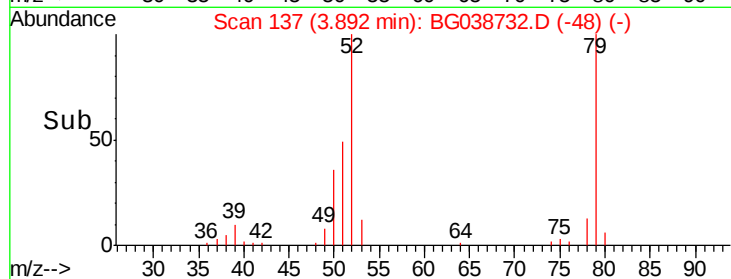
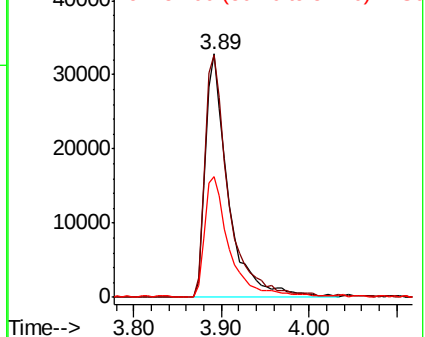
79 100

52 99.6 80.2 120.2

51 49.7 38.0 57.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.892 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

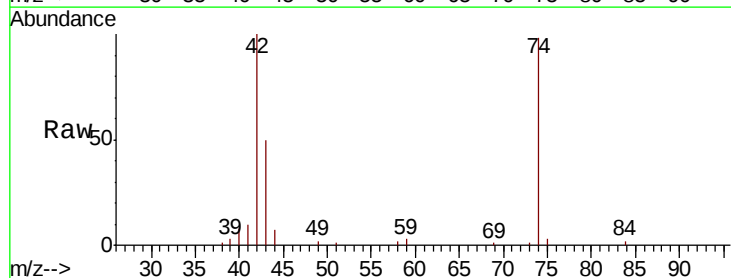
Tgt Ion: 42 Resp: 36186

Ion Ratio Lower Upper

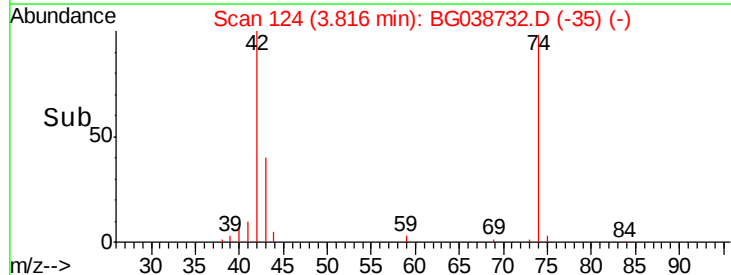
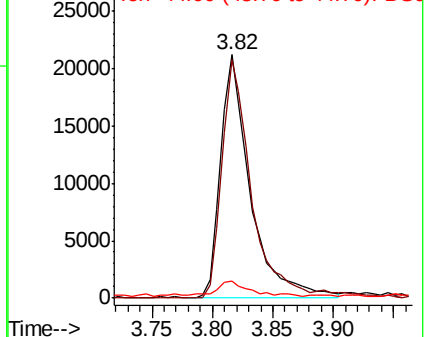
42 100

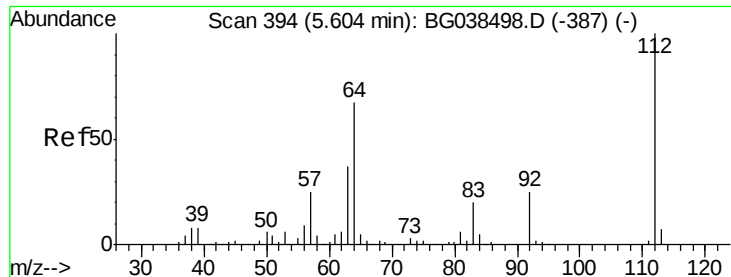
74 97.9 86.7 130.1

44 6.7 7.8 11.8#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 140.305 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

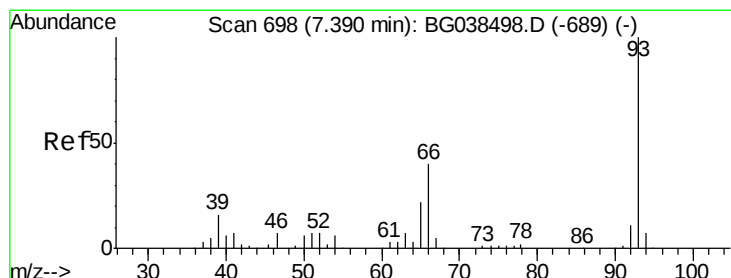
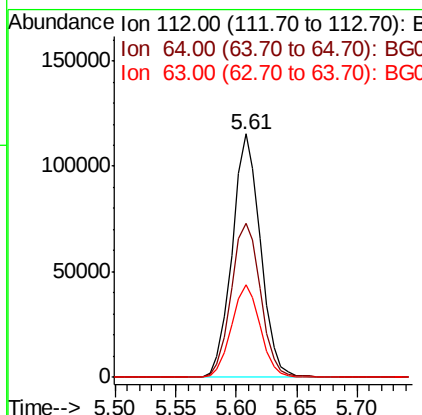
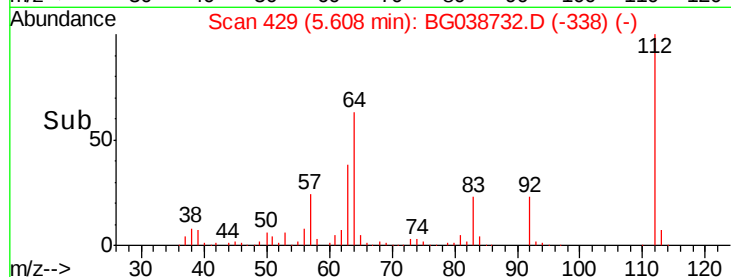
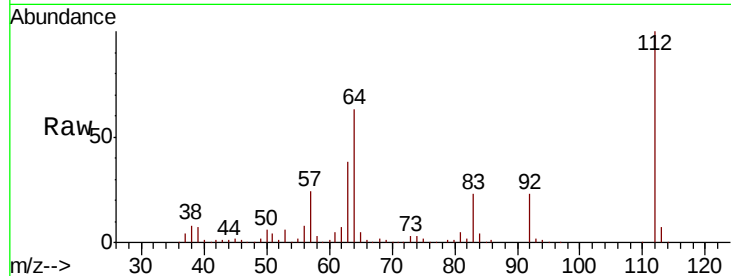
Instrument :

BNA_G

ClientSampleId :

PB115792BS

Tgt Ion:	112	Resp:	188531
Ion	Ratio	Lower	Upper
112	100		
64	63.0	53.4	80.2
63	37.8	29.3	43.9



#6

Aniline

Concen: 30.226 ng

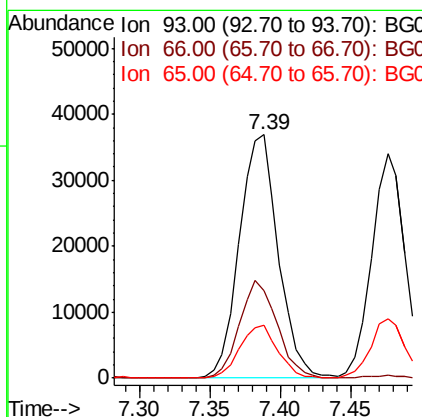
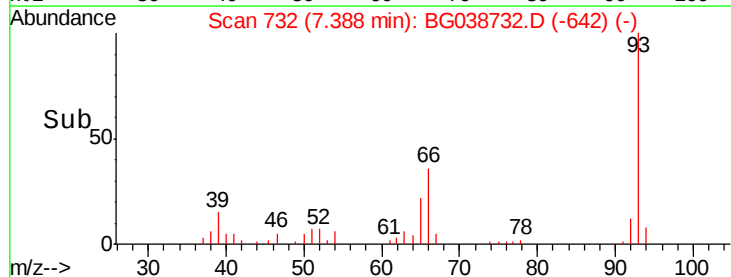
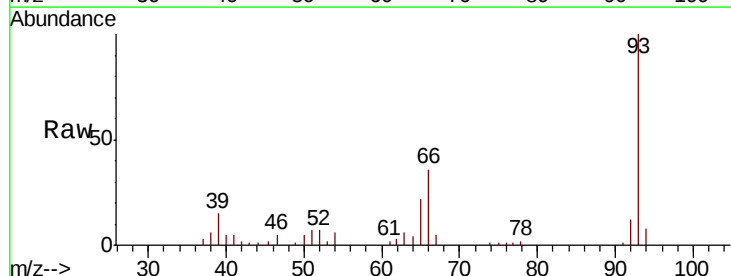
RT: 7.39 min Scan# 732

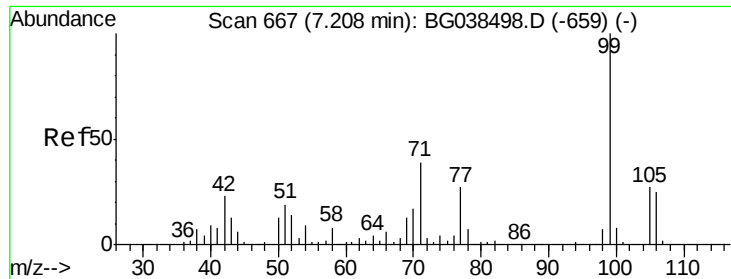
Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Tgt Ion:	93	Resp:	71178
Ion	Ratio	Lower	Upper
93	100		
66	36.0	31.7	47.5
65	21.7	17.8	26.6





#7

Phenol-d6

Concen: 139.127 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PB115792BS

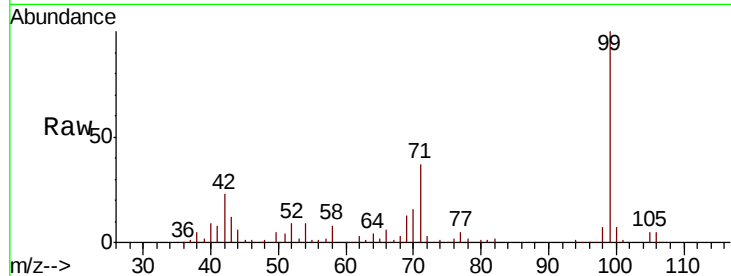
Tgt Ion: 99 Resp: 256644

Ion Ratio Lower Upper

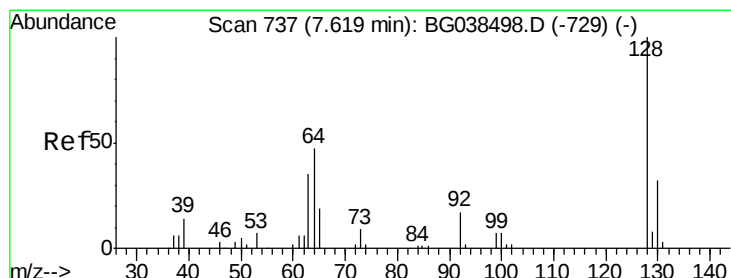
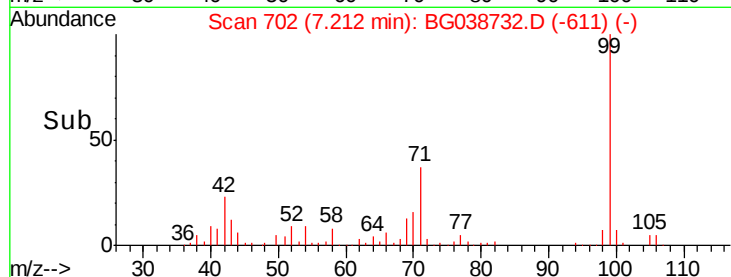
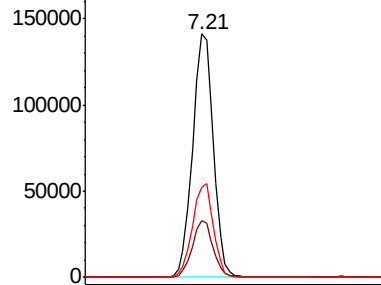
99 100

42 23.3 18.5 27.7

71 36.9 31.1 46.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.201 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

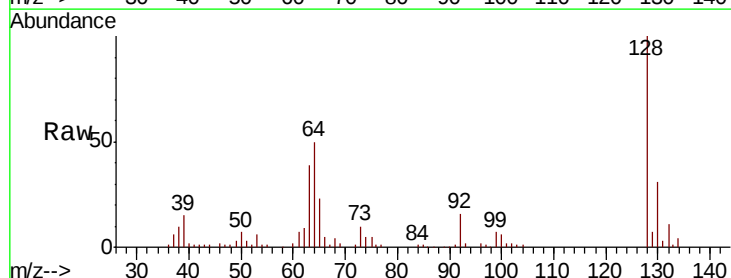
Tgt Ion: 128 Resp: 67178

Ion Ratio Lower Upper

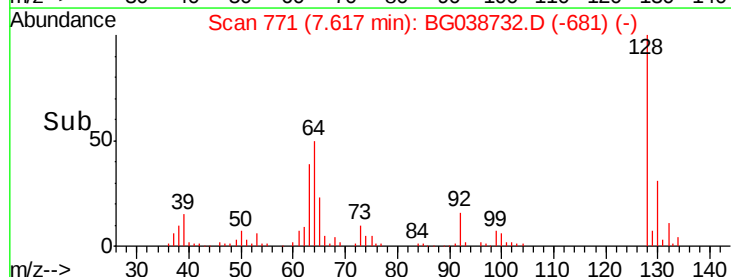
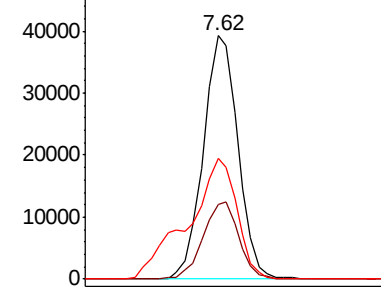
128 100

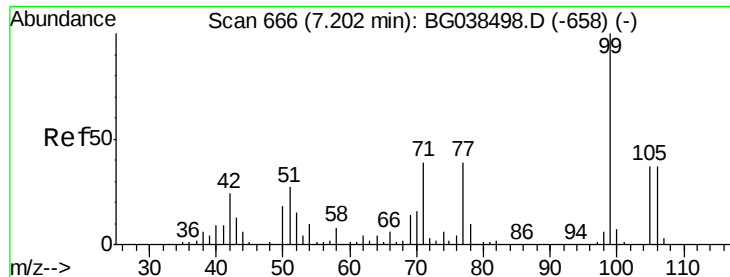
130 30.9 11.8 51.8

64 49.7 33.2 73.2



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 17.570 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PB115792BS

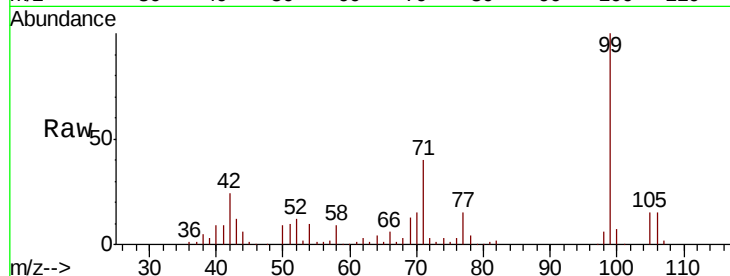
Tgt Ion: 77 Resp: 21026

Ion Ratio Lower Upper

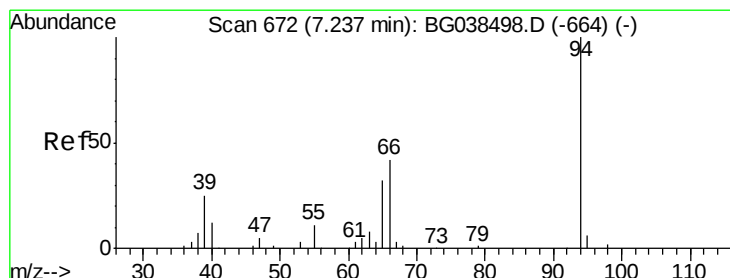
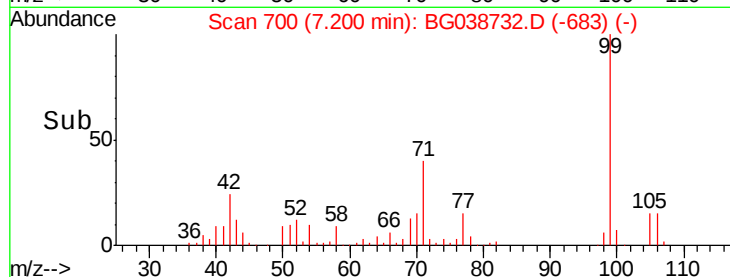
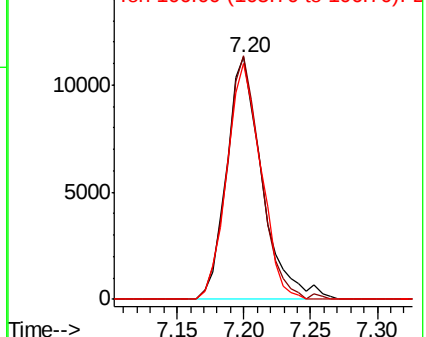
77 100

105 100.7 74.0 114.0

106 97.7 73.9 113.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.052 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

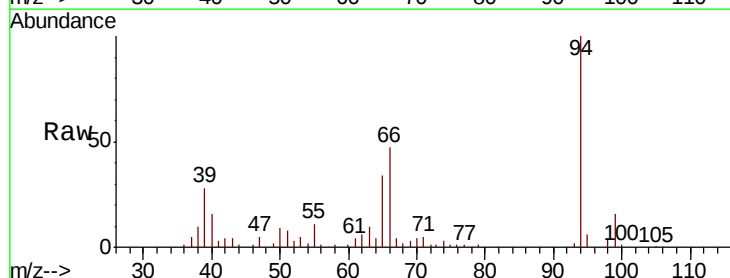
Tgt Ion: 94 Resp: 84373

Ion Ratio Lower Upper

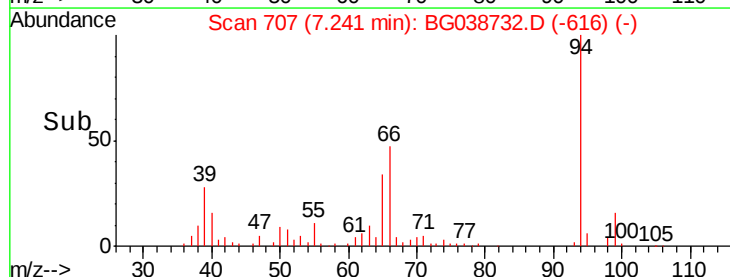
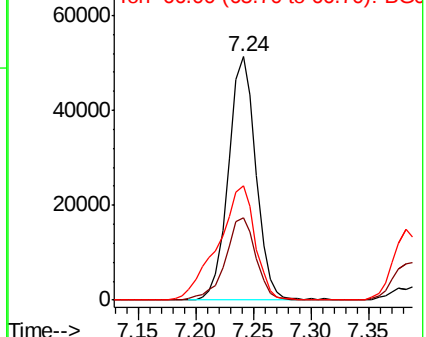
94 100

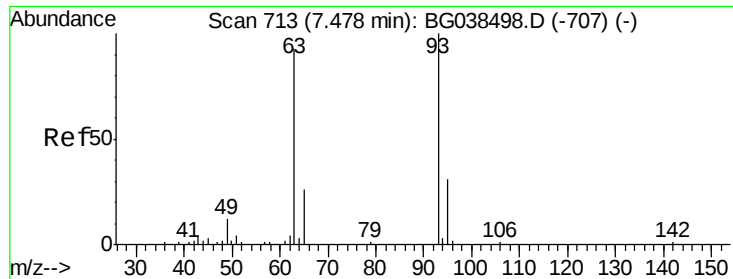
65 33.8 12.6 52.6

66 46.9 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

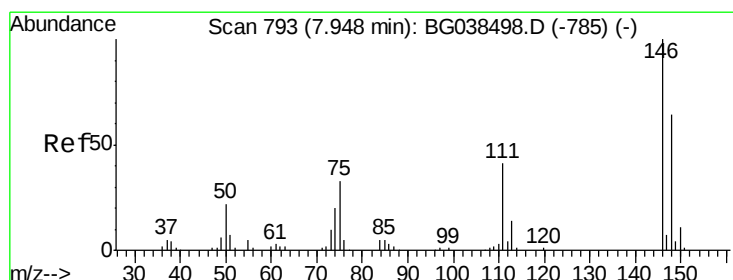
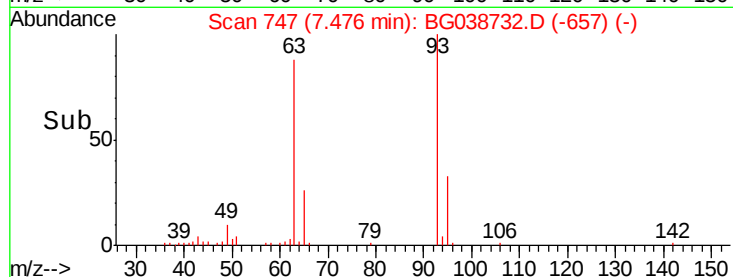
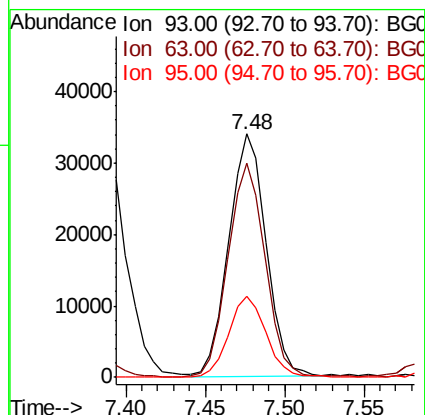
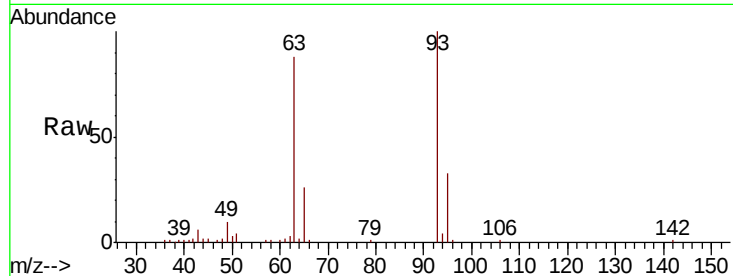




#11
 bis(2-Chloroethyl)ether
 Concen: 35.281 ng
 RT: 7.48 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

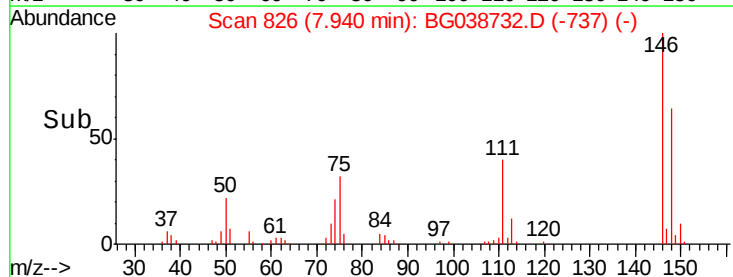
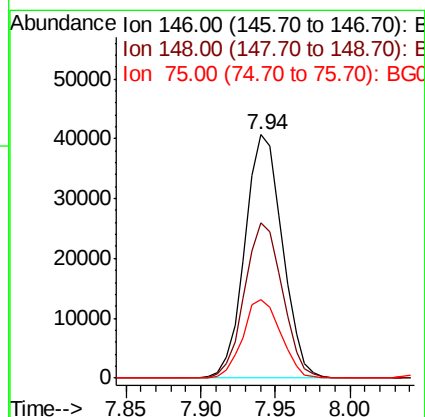
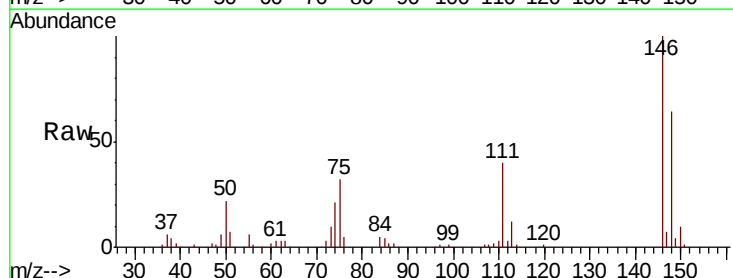
Instrument :
 BNA_G
 ClientSampleId :
 PB115792BS

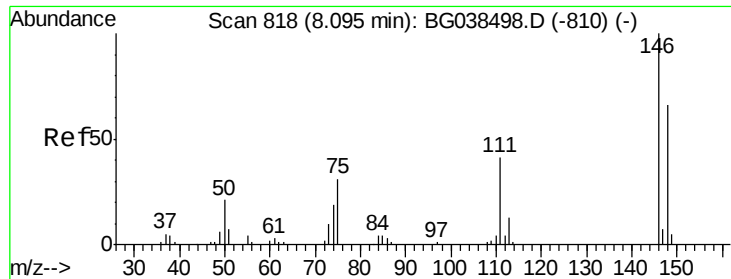
Tgt Ion: 93 Resp: 55049
 Ion Ratio Lower Upper
 93 100
 63 87.7 72.2 112.2
 95 33.4 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 38.393 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Tgt Ion: 146 Resp: 70590
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.4 77.0
 75 32.3 26.1 39.1

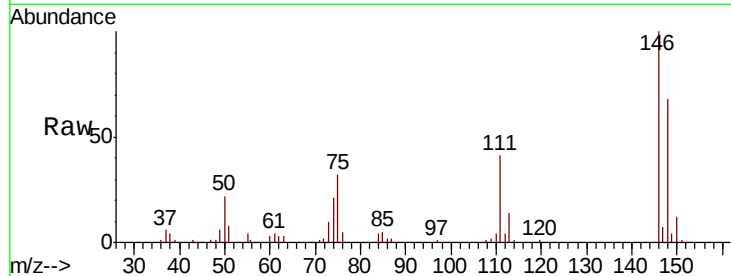




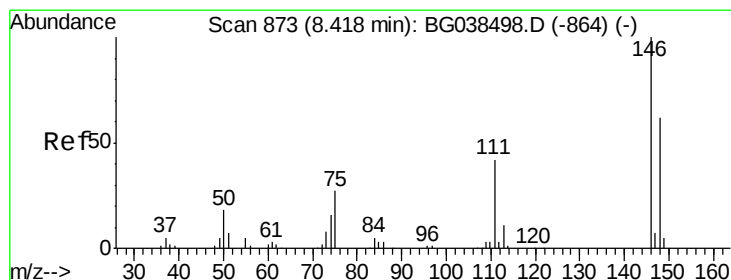
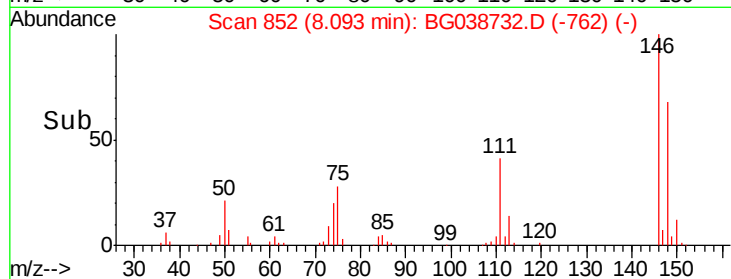
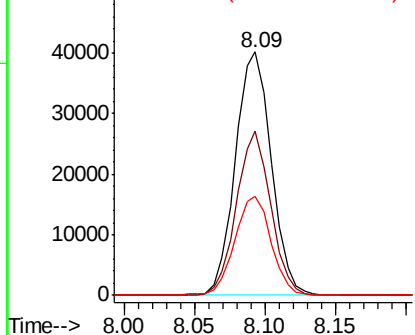
#13
 1,4-Dichlorobenzene
 Concen: 37.915 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115792BS

Tgt Ion:146 Resp: 71396
 Ion Ratio Lower Upper
 146 100
 148 67.6 52.4 78.6
 111 40.6 33.0 49.4

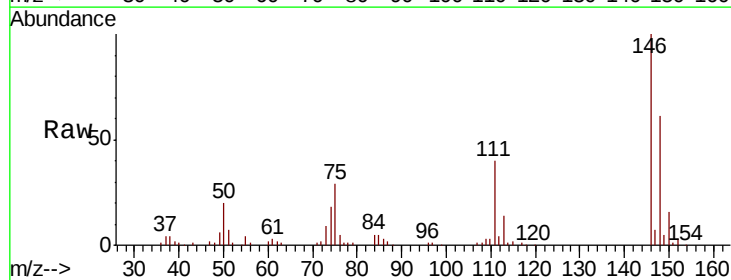


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

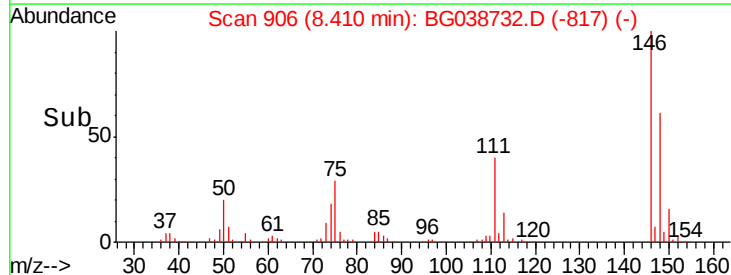
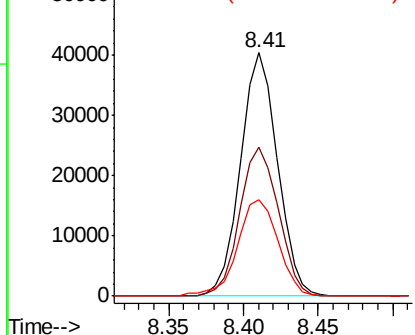


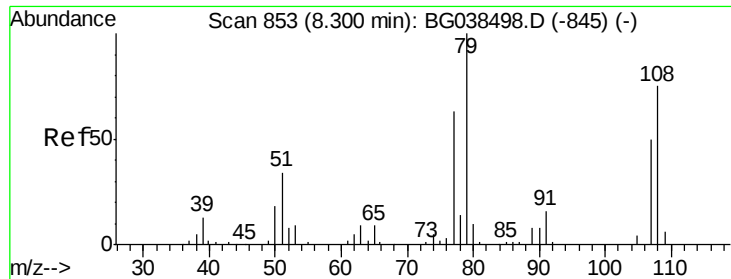
#14
 1,2-Dichlorobenzene
 Concen: 39.010 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Tgt Ion:146 Resp: 69252
 Ion Ratio Lower Upper
 146 100
 148 61.2 49.4 74.0
 111 39.6 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.558 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PB115792BS

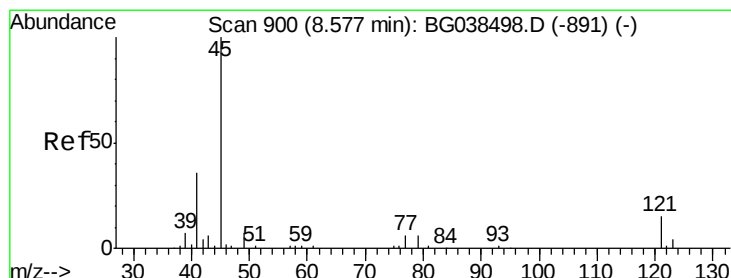
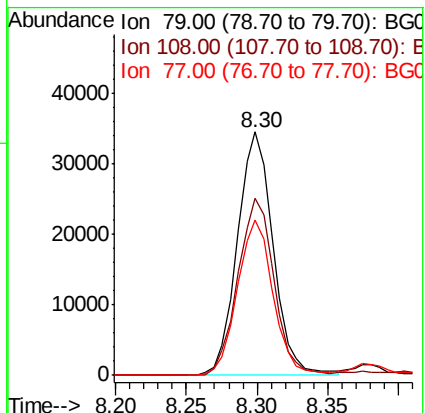
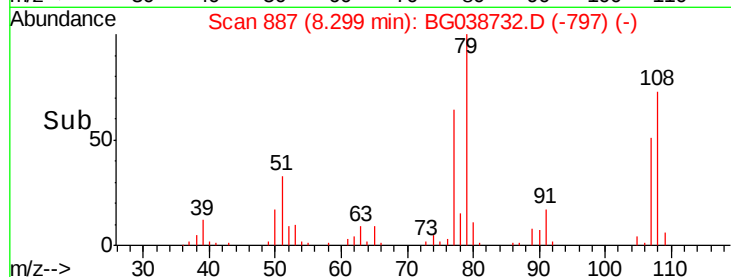
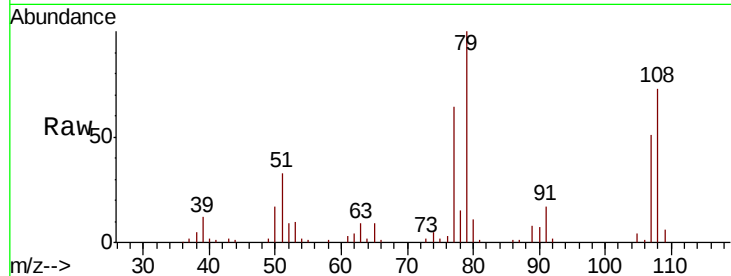
Tgt Ion: 79 Resp: 61276

Ion Ratio Lower Upper

79 100

108 72.5 60.2 90.4

77 63.6 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.507 ng

RT: 8.57 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

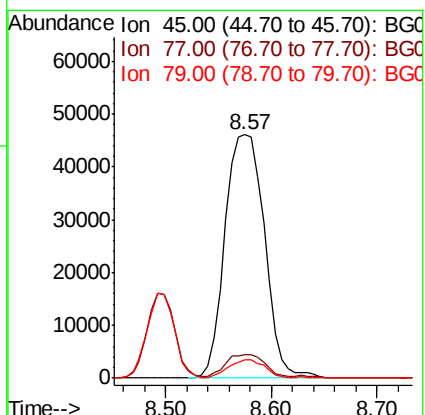
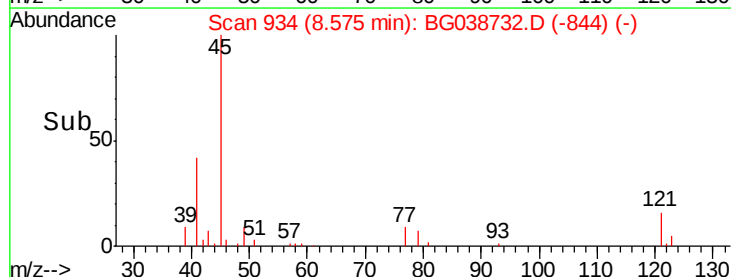
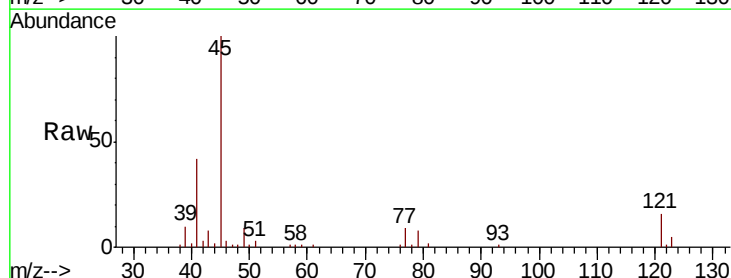
Tgt Ion: 45 Resp: 119762

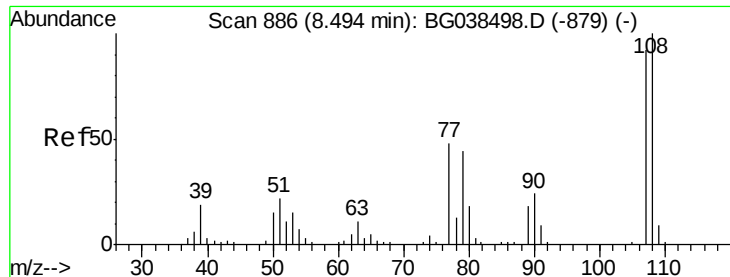
Ion Ratio Lower Upper

45 100

77 9.4 0.0 28.2

79 7.8 0.0 27.2

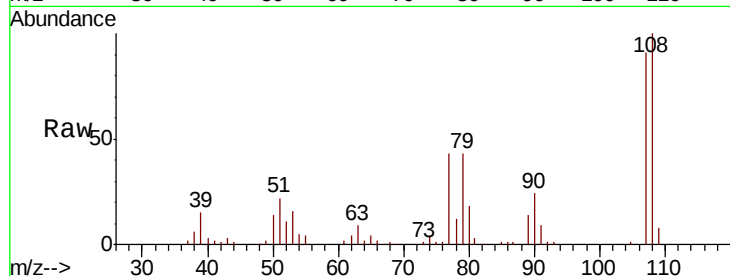




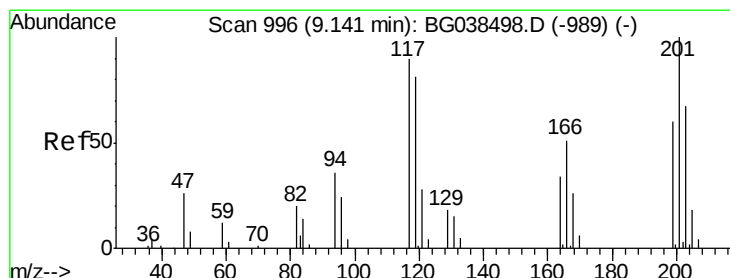
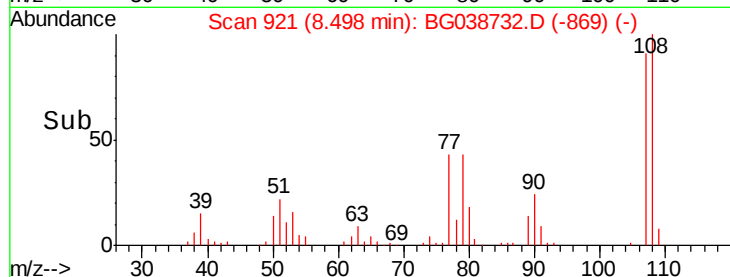
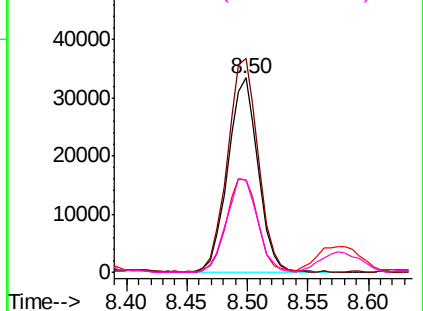
#17
2-Methylphenol
Concen: 44.262 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tgt Ion:107 Resp: 58117
Ion Ratio Lower Upper
107 100
108 110.1 87.1 130.7
77 47.8 42.0 63.0
79 47.7 38.2 57.2

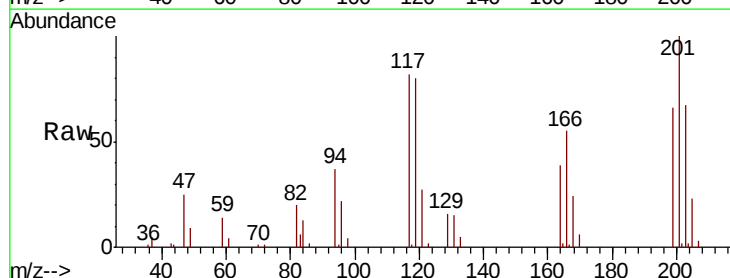


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

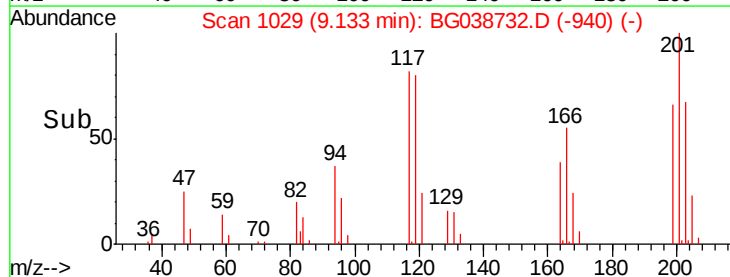
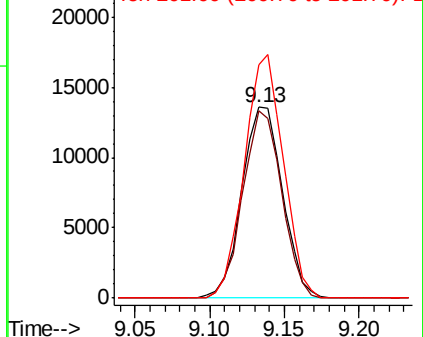


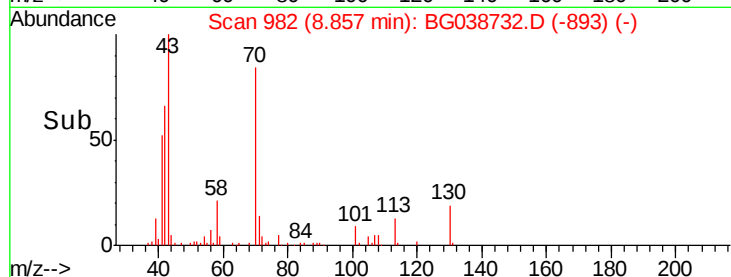
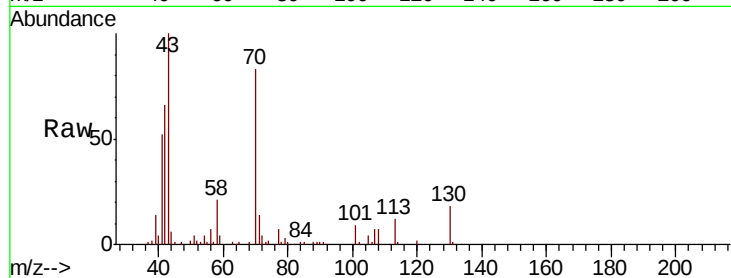
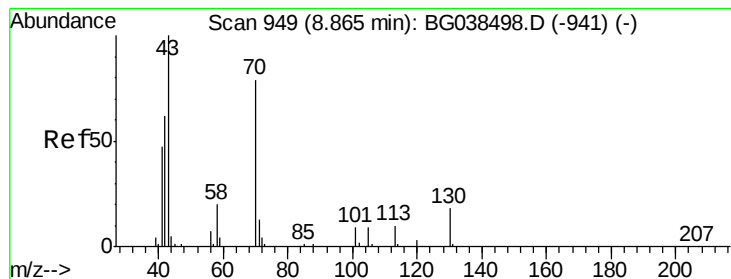
#18
Hexachloroethane
Concen: 37.247 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion:117 Resp: 25629
Ion Ratio Lower Upper
117 100
119 98.5 73.8 110.8
201 125.1 89.4 134.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.180 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PB115792BS

Tgt Ion: 70 Resp: 46875

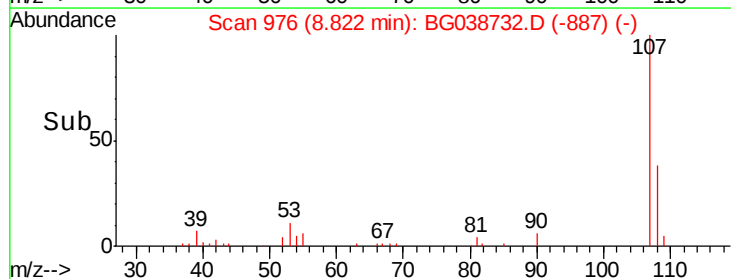
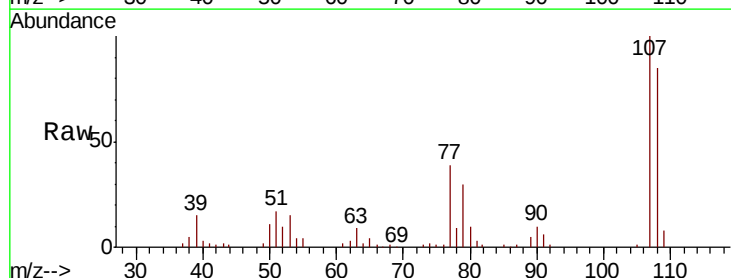
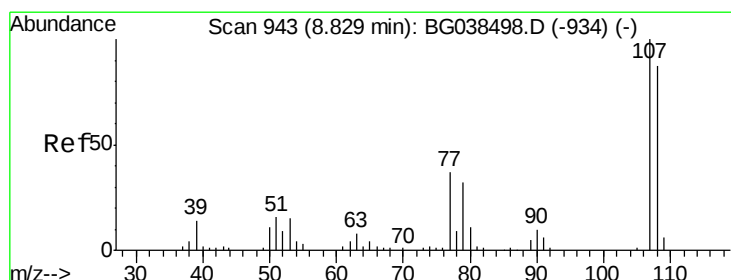
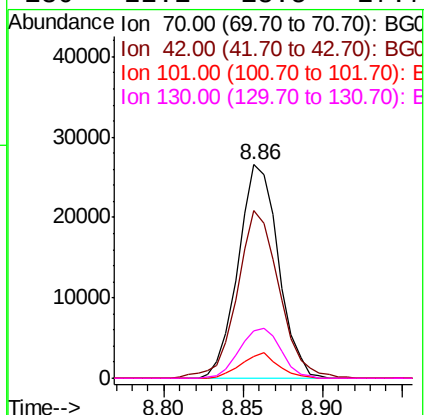
Ion Ratio Lower Upper

70 100

42 78.5 63.6 95.4

101 10.2 9.2 13.8

130 22.1 18.5 27.7



#20

3+4-Methylphenols

Concen: 43.835 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Tgt Ion: 107 Resp: 79488

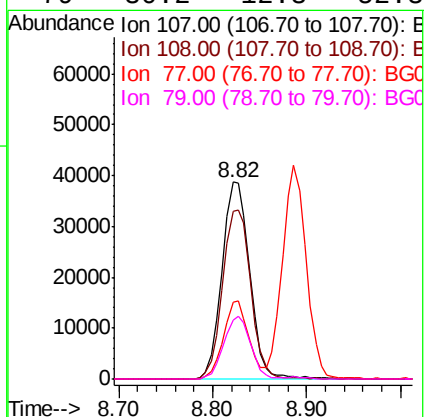
Ion Ratio Lower Upper

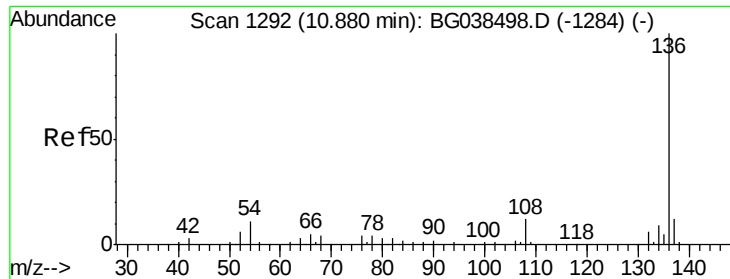
107 100

108 85.5 66.7 106.7

77 38.9 17.3 57.3

79 30.2 12.3 52.3

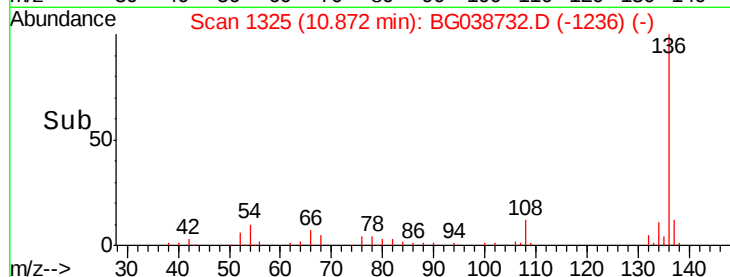
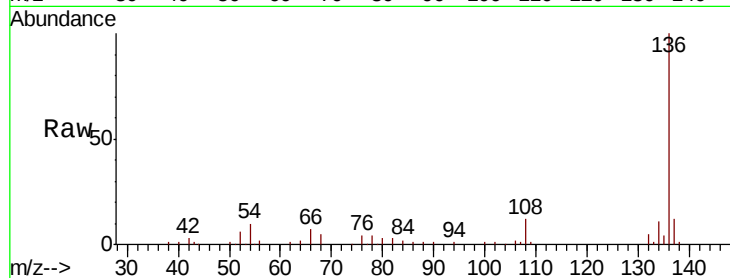




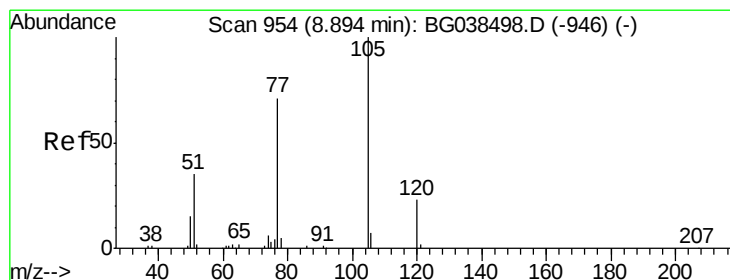
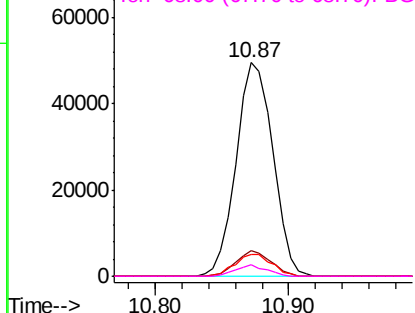
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tgt Ion:	136	Resp:	93979
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	10.4	8.5	12.7
68	5.2	3.5	5.3

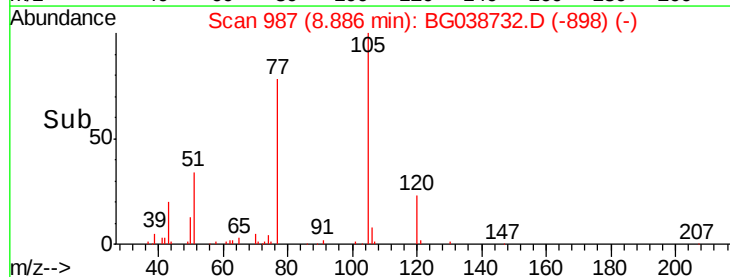
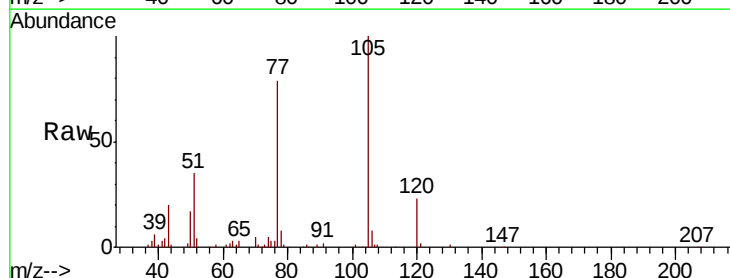


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

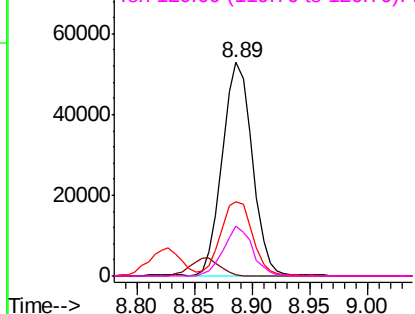


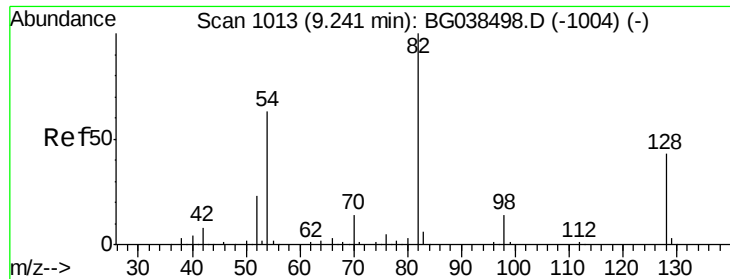
#22
Acetophenone
Concen: 40.759 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion:	105	Resp:	95678
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.4	0.6#
51	34.8	30.6	46.0
120	23.4	18.6	28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

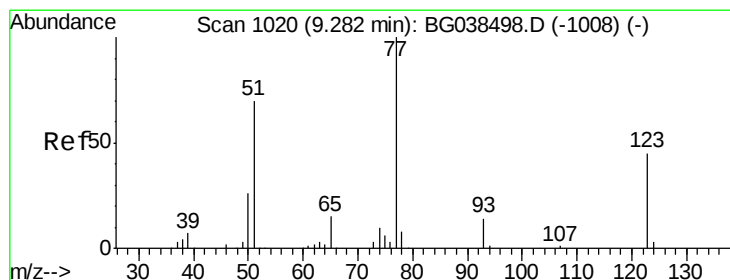
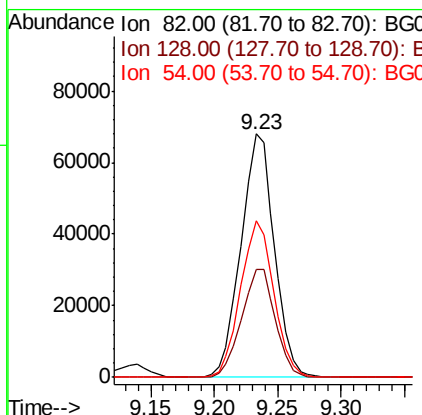
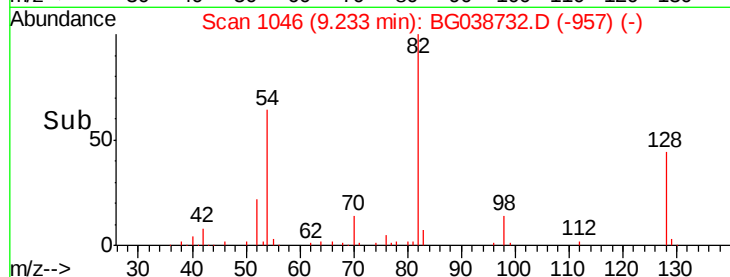
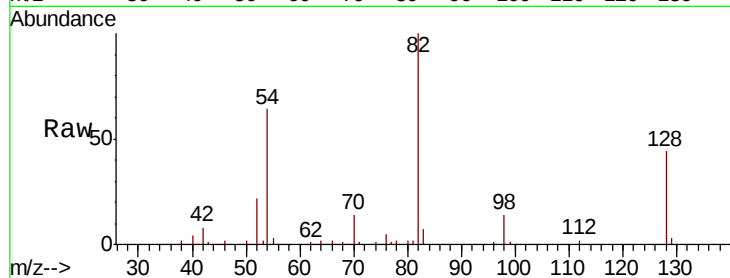




#23
 Nitrobenzene-d5
 Concen: 67.712 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

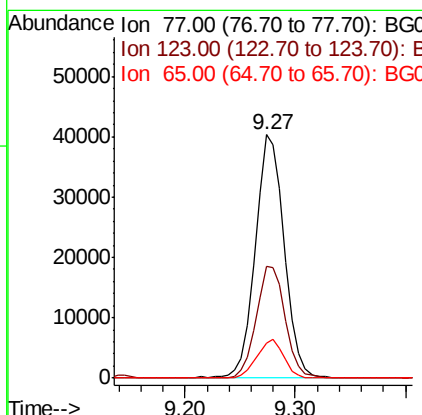
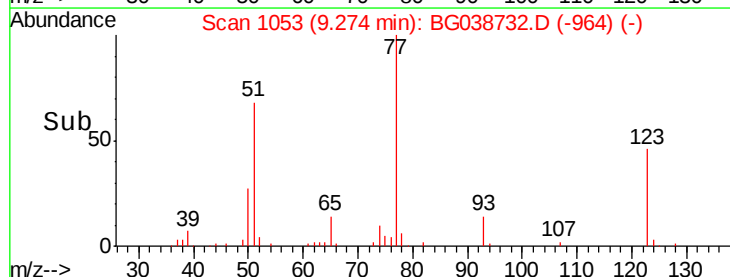
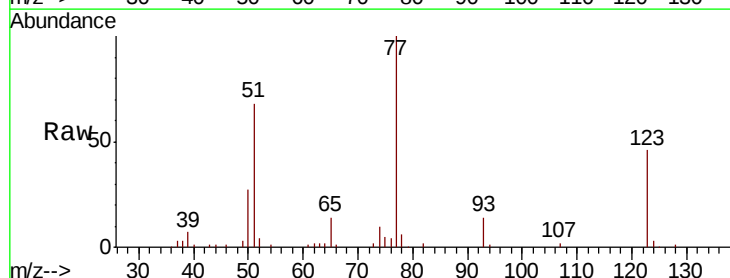
Instrument :
 BNA_G
 ClientSampleId :
 PB115792BS

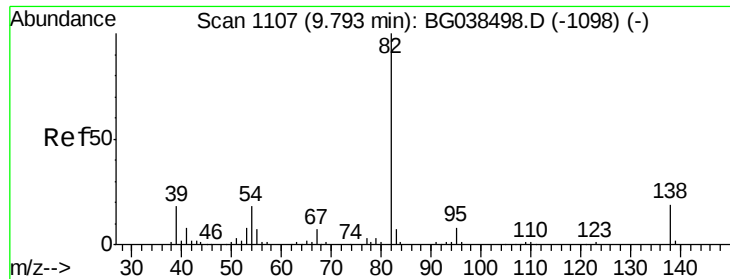
Tgt Ion: 82 Resp: 124562
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.6 52.0
 54 64.1 50.6 76.0



#24
 Nitrobenzene
 Concen: 39.865 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Tgt Ion: 77 Resp: 74188
 Ion Ratio Lower Upper
 77 100
 123 46.1 35.9 53.9
 65 14.2 12.0 18.0





#25

Isophorone

Concen: 40.187 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PB115792BS

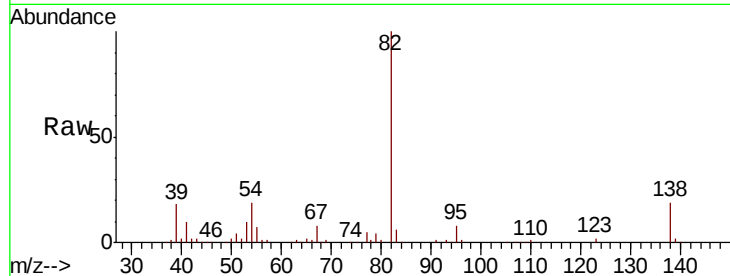
Tgt Ion: 82 Resp: 132827

Ion Ratio Lower Upper

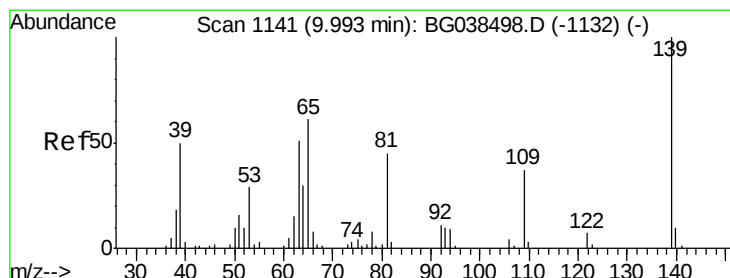
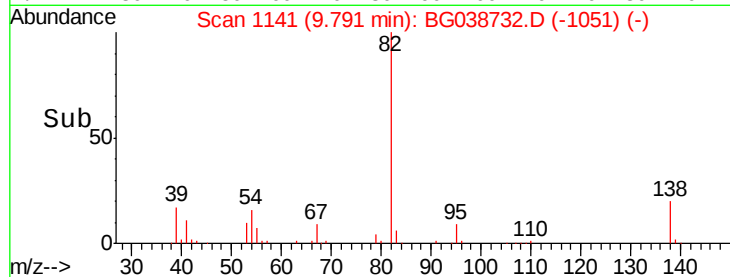
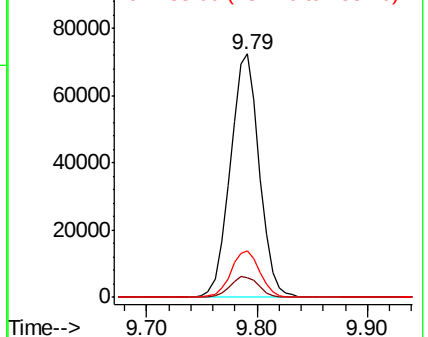
82 100

95 8.1 6.1 9.1

138 18.9 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 40.961 ng

RT: 9.98 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

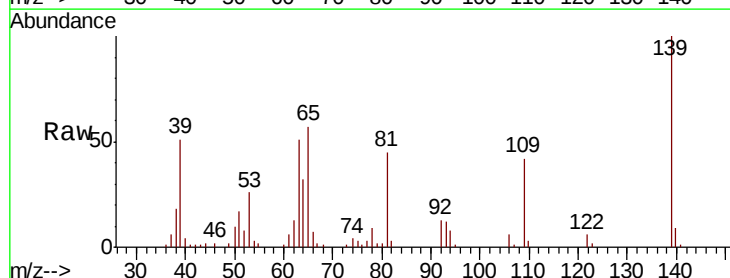
Tgt Ion: 139 Resp: 39015

Ion Ratio Lower Upper

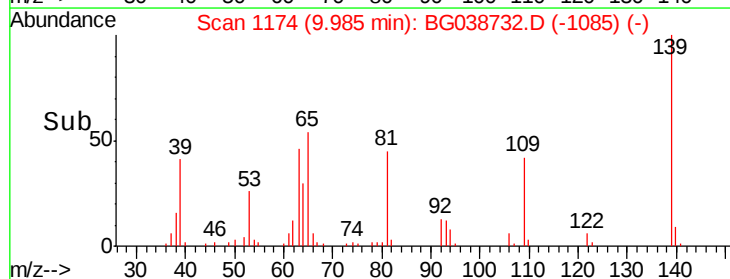
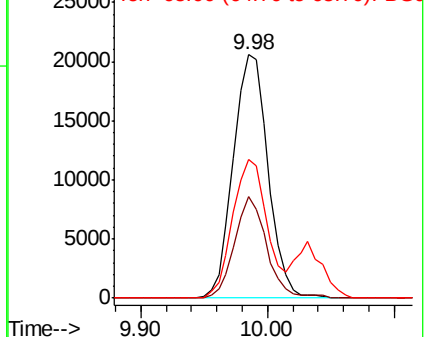
139 100

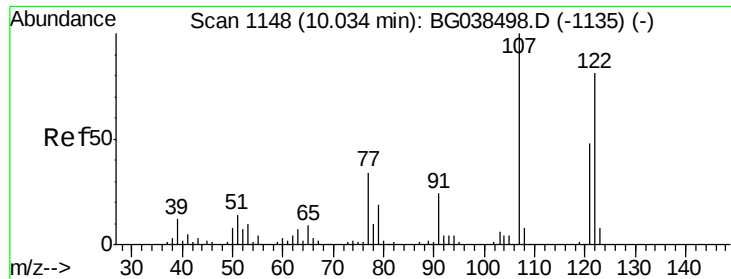
109 41.9 29.5 44.3

65 56.9 48.5 72.7



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

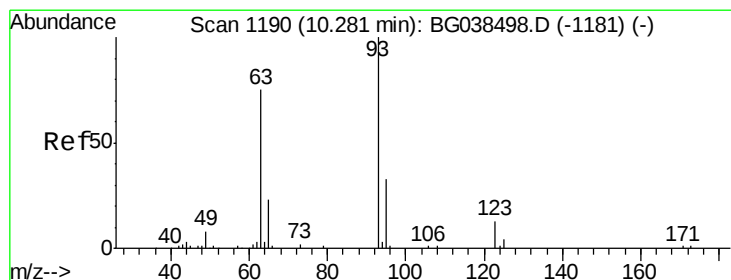
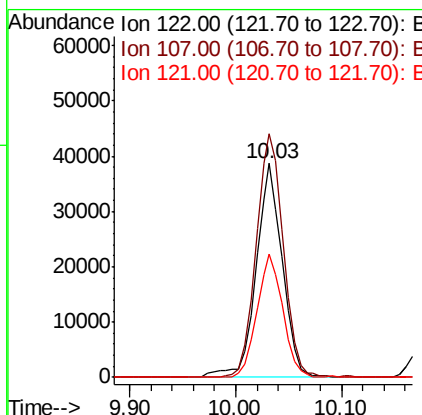
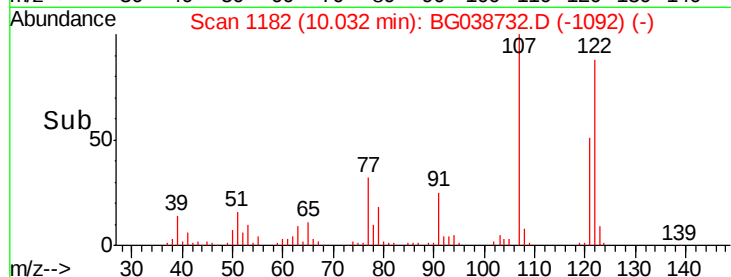
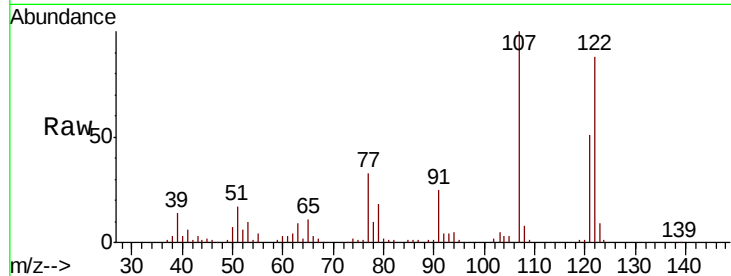




#27
 2,4-Dimethylphenol
 Concen: 49.035 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

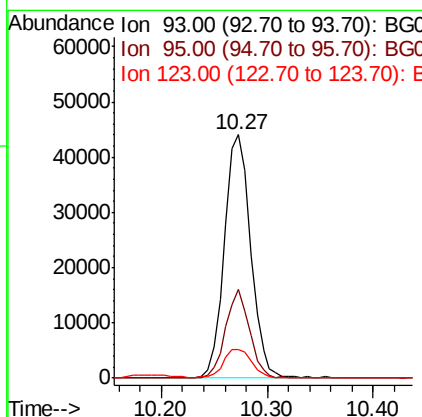
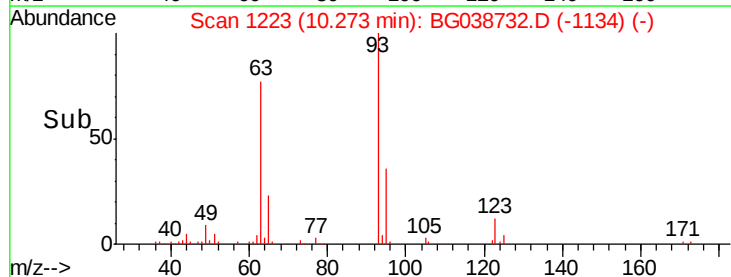
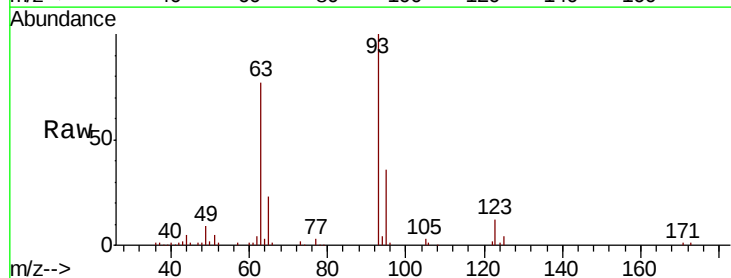
Instrument :
 BNA_G
 ClientSampleId :
 PB115792BS

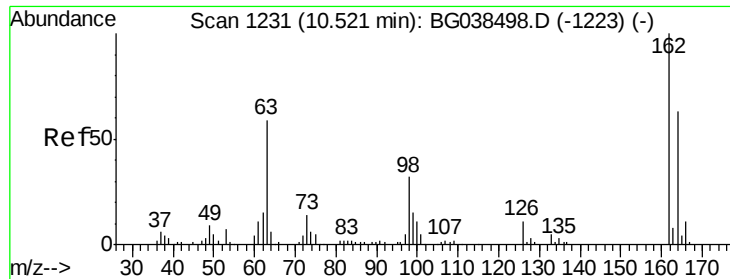
Tgt Ion: 122 Resp: 66936
 Ion Ratio Lower Upper
 122 100
 107 113.9 98.4 147.6
 121 57.7 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.705 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Tgt Ion: 93 Resp: 75925
 Ion Ratio Lower Upper
 93 100
 95 36.3 26.6 40.0
 123 11.5 10.6 16.0

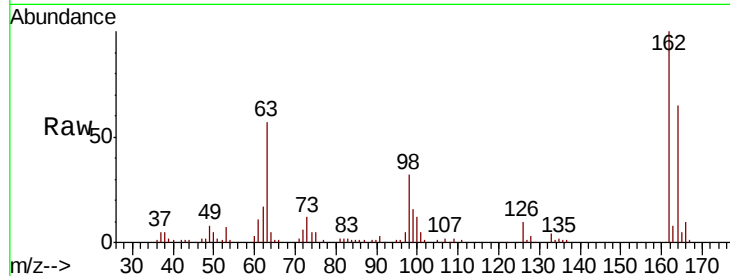




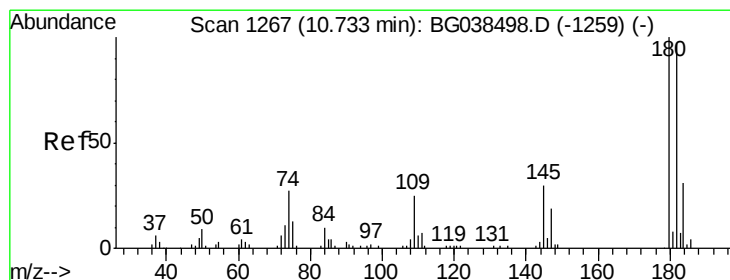
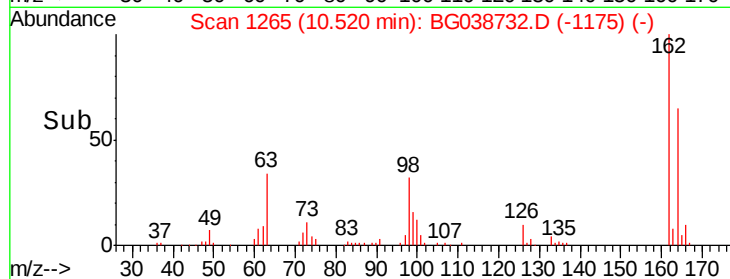
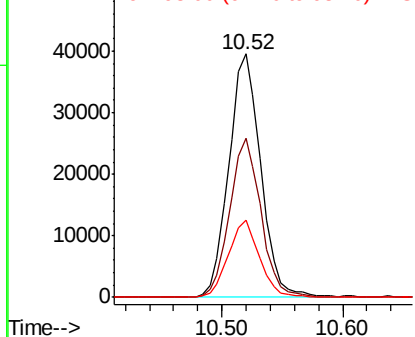
#29
 2,4-Dichlorophenol
 Concen: 48.011 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115792BS

Tgt Ion:162 Resp: 72911
 Ion Ratio Lower Upper
 162 100
 164 65.4 42.9 82.9
 98 31.7 12.1 52.1

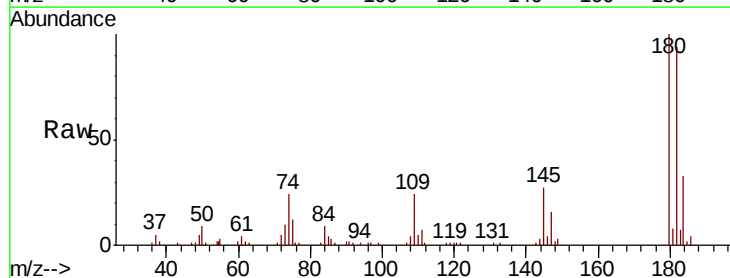


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

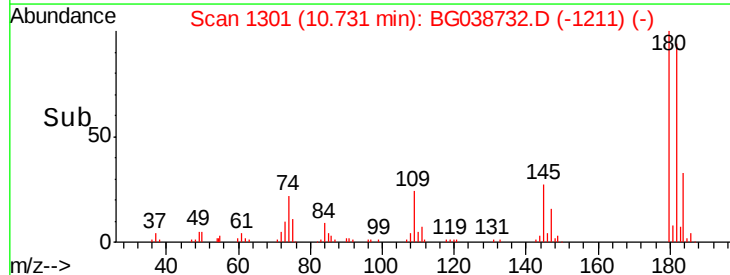
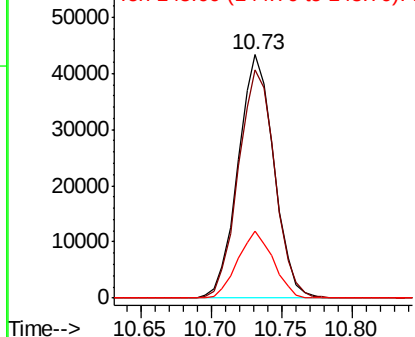


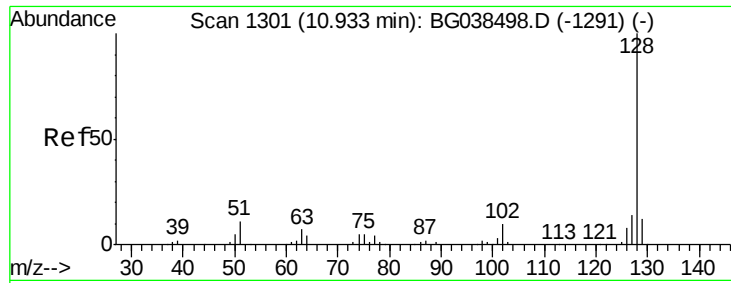
#30
 1,2,4-Trichlorobenzene
 Concen: 41.764 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Tgt Ion:180 Resp: 76609
 Ion Ratio Lower Upper
 180 100
 182 93.9 77.4 116.0
 145 27.3 24.1 36.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

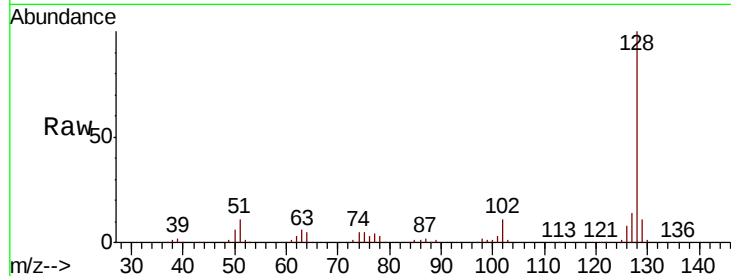




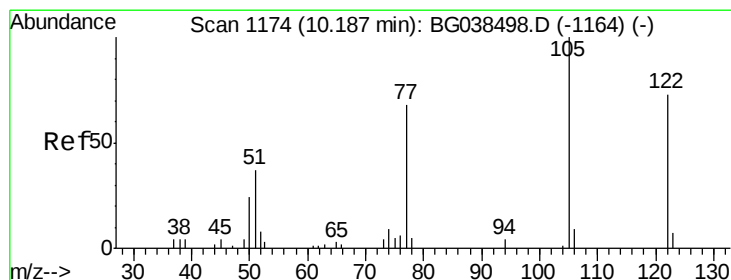
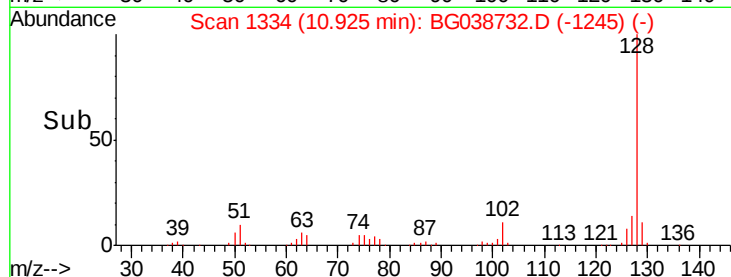
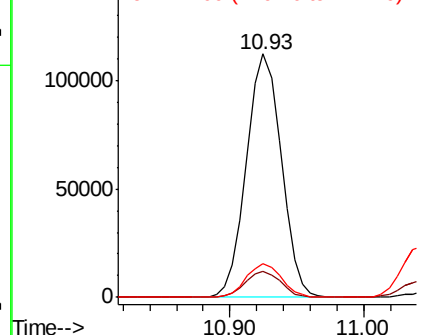
#31
Naphthalene
Concen: 43.861 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tgt Ion:128 Resp: 203095
Ion Ratio Lower Upper
128 100
129 10.5 9.5 14.3
127 13.7 10.9 16.3

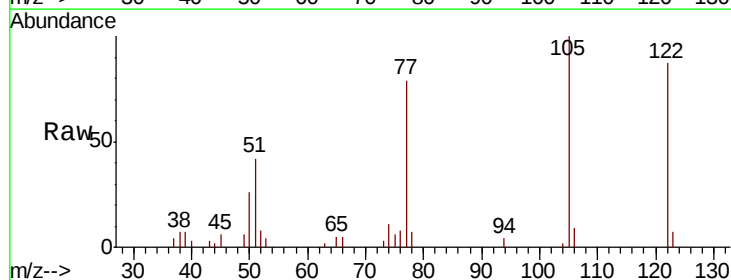


Abundance Ion 128.00 (127.70 to 128.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

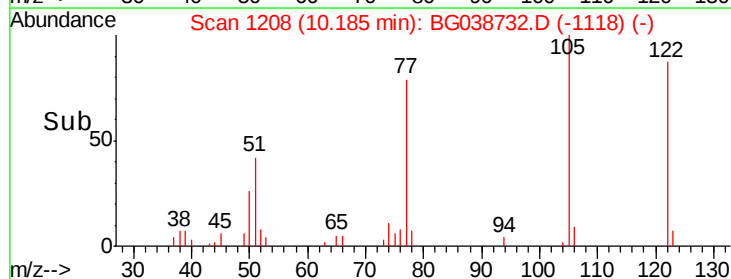
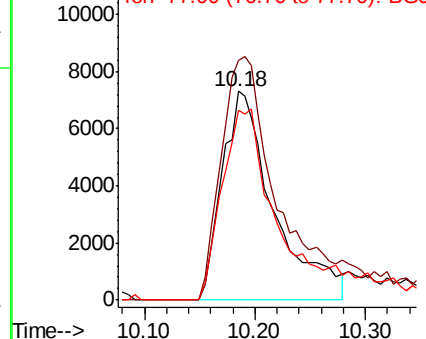


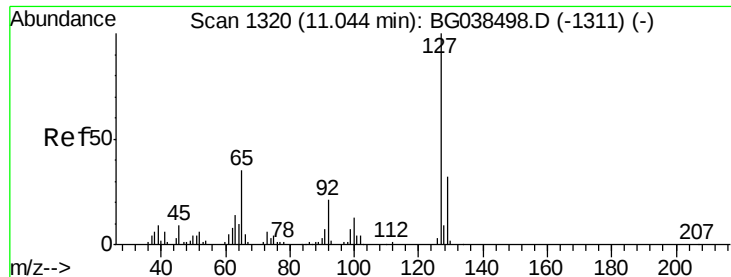
#32
Benzoic acid
Concen: 31.816 ng
RT: 10.18 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion:122 Resp: 23817
Ion Ratio Lower Upper
122 100
105 115.2 116.7 156.7#
77 91.3 72.5 112.5



Abundance Ion 122.00 (121.70 to 122.70): E
10000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

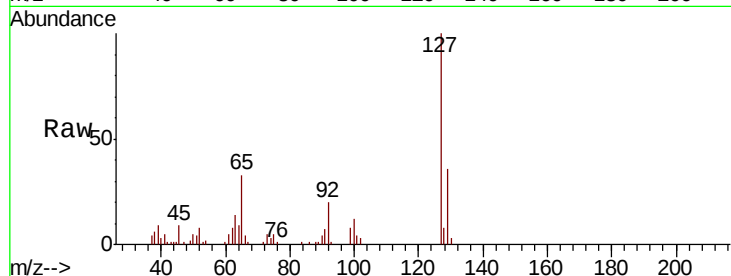




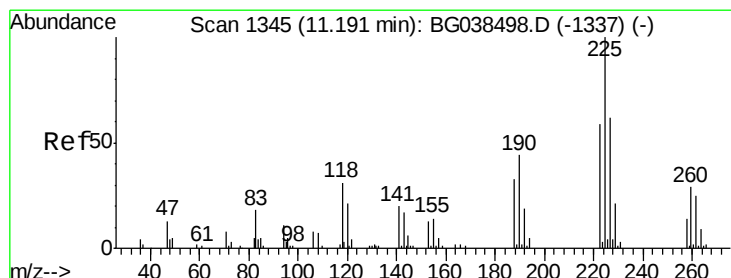
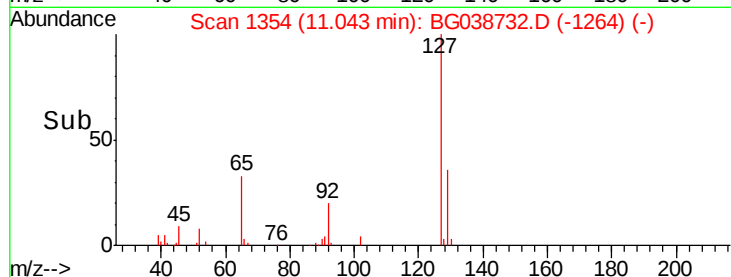
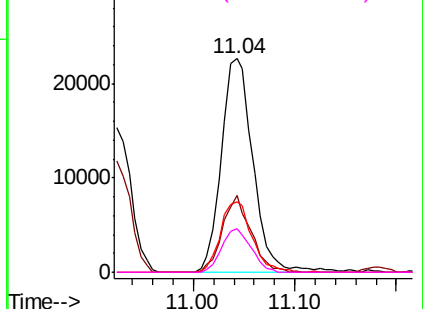
#33
4-Chloroaniline
Concen: 24.393 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tgt Ion:	127	Resp:	49038
Ion	Ratio	Lower	Upper
127	100		
129	35.9	25.8	38.8
65	33.1	27.8	41.6
92	20.5	17.0	25.6

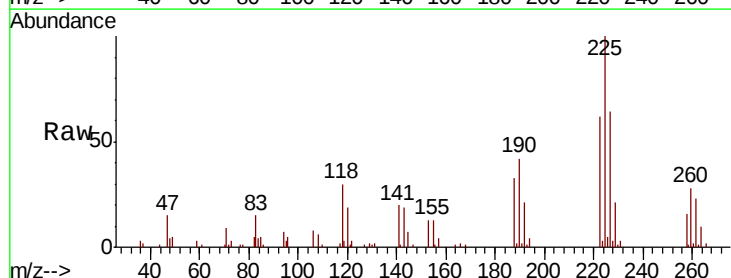


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

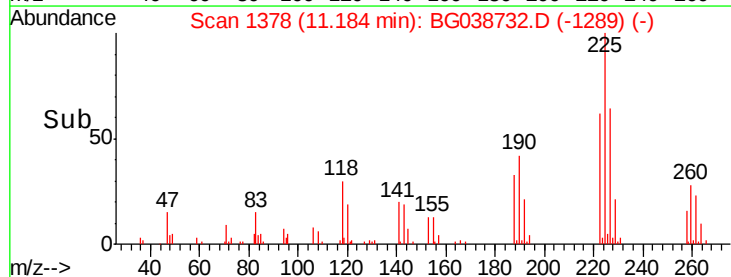
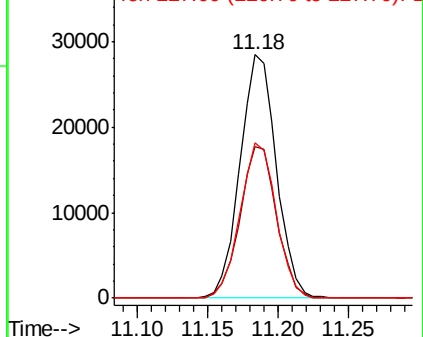


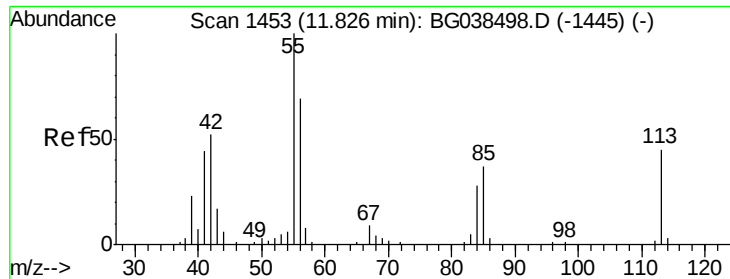
#34
Hexachlorobutadiene
Concen: 41.206 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion:	225	Resp:	51145
Ion	Ratio	Lower	Upper
225	100		
223	59.3	45.0	67.6
227	64.2	50.6	75.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.487 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PB115792BS

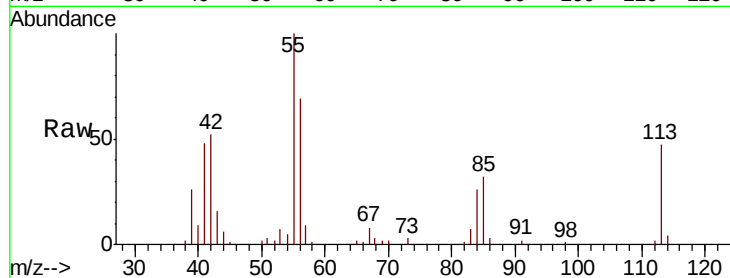
Tgt Ion:113 Resp: 24188

Ion Ratio Lower Upper

113 100

55 214.3 204.3 244.3

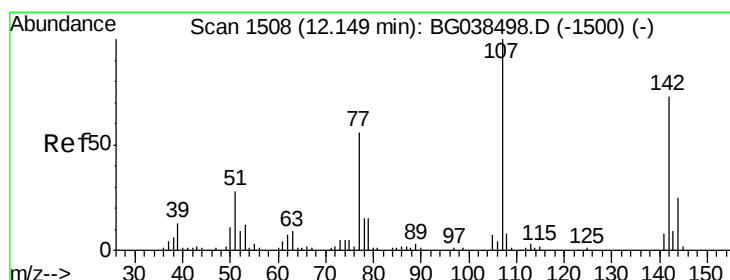
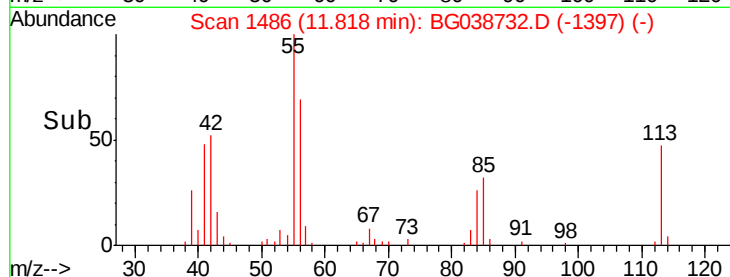
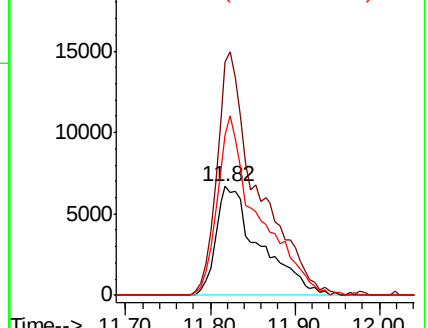
56 147.1 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.336 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

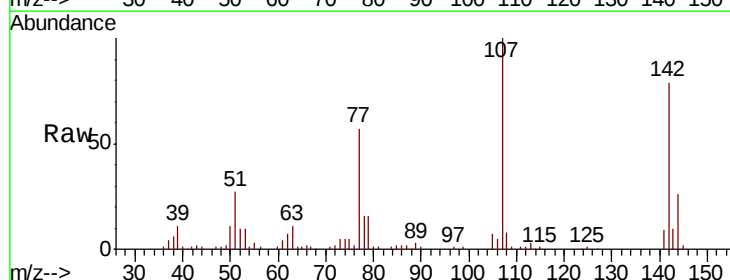
Tgt Ion:107 Resp: 75101

Ion Ratio Lower Upper

107 100

144 26.3 20.1 30.1

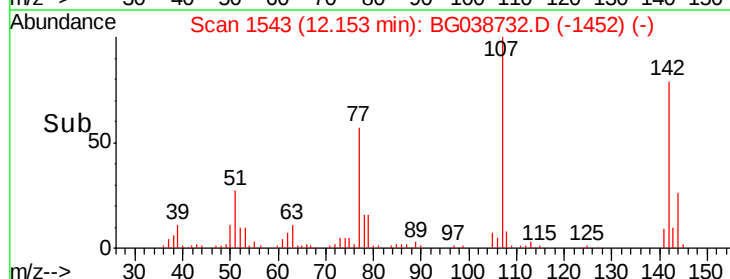
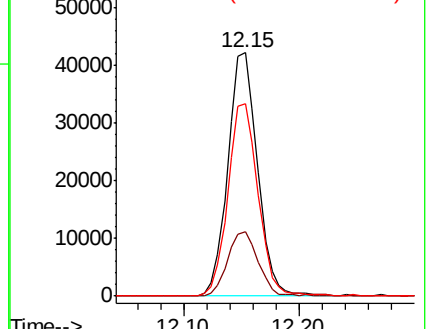
142 79.0 58.7 88.1

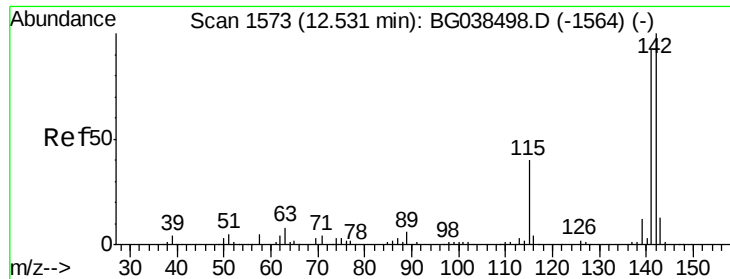


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

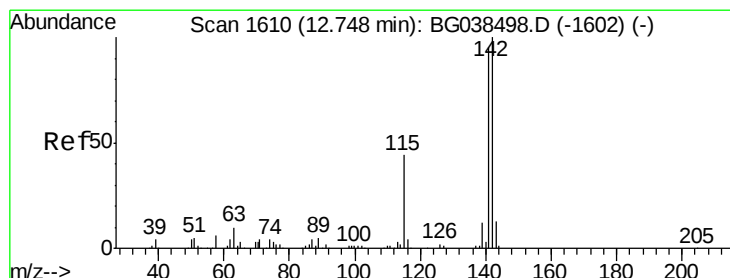
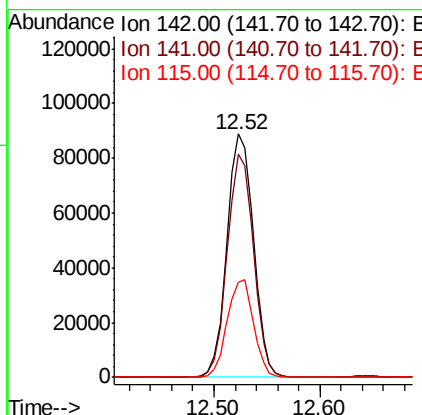
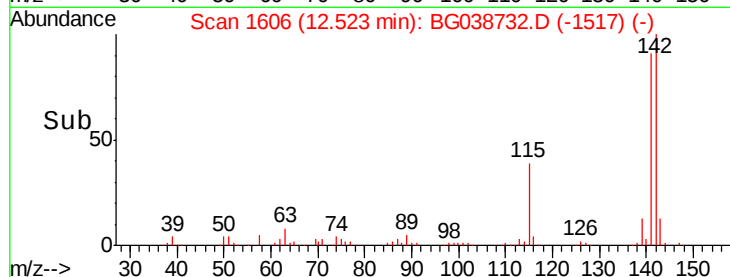
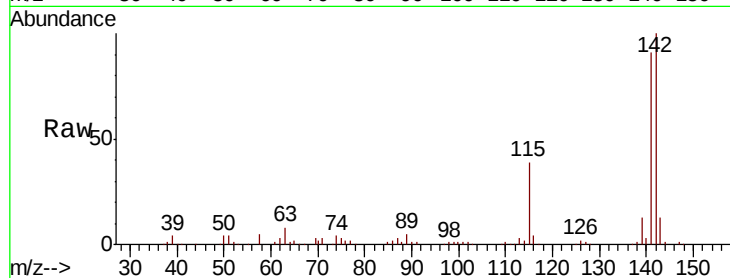




#37
 2-Methylnaphthalene
 Concen: 46.718 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

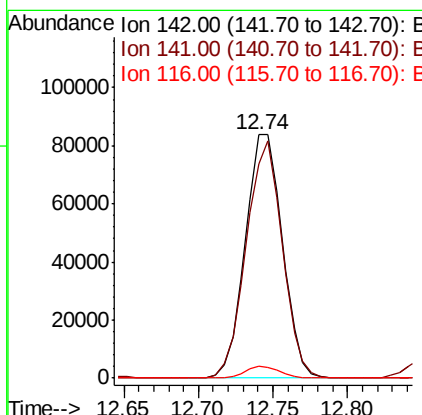
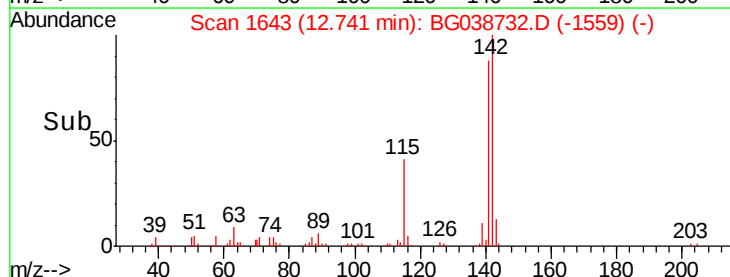
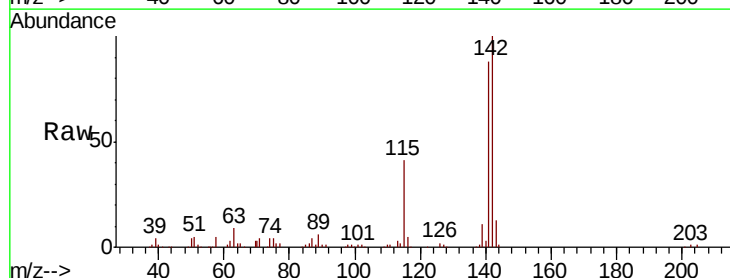
Instrument :
 BNA_G
 ClientSampleId :
 PB115792BS

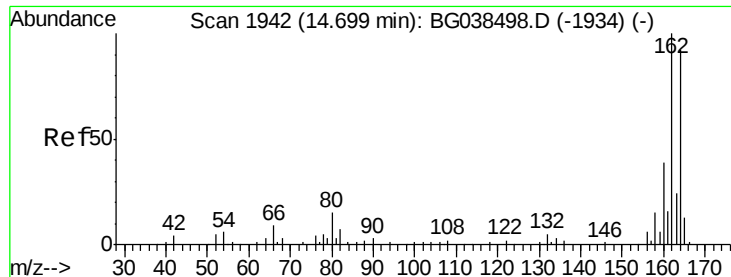
Tgt Ion:142 Resp: 154329
 Ion Ratio Lower Upper
 142 100
 141 91.5 73.5 110.3
 115 39.3 31.7 47.5



#38
 1-Methylnaphthalene
 Concen: 44.975 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Tgt Ion:142 Resp: 144169
 Ion Ratio Lower Upper
 142 100
 141 88.2 75.8 113.8
 116 4.8 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PB115792BS

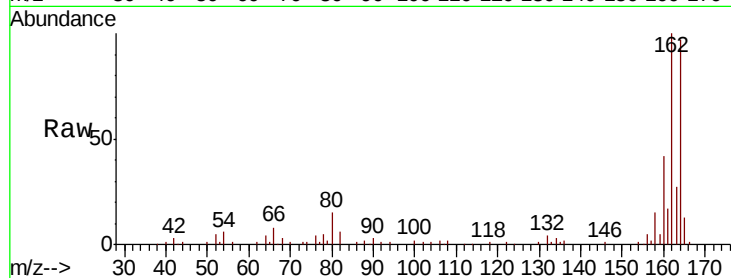
Tgt Ion:164 Resp: 63182

Ion Ratio Lower Upper

164 100

162 102.9 86.6 130.0

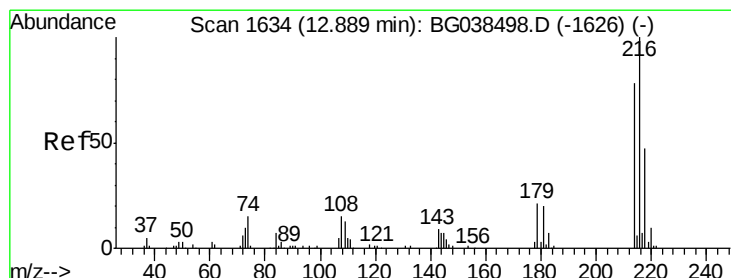
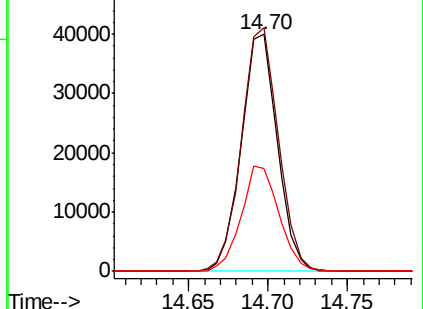
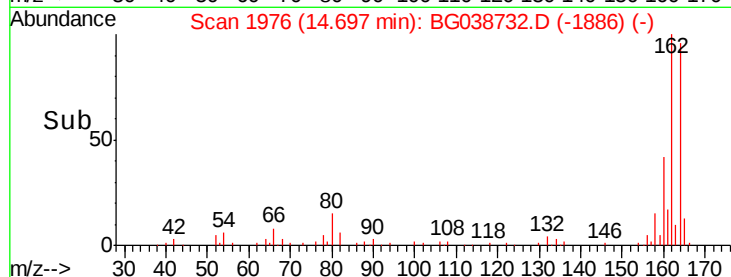
160 43.5 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.488 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Tgt Ion:216 Resp: 95621

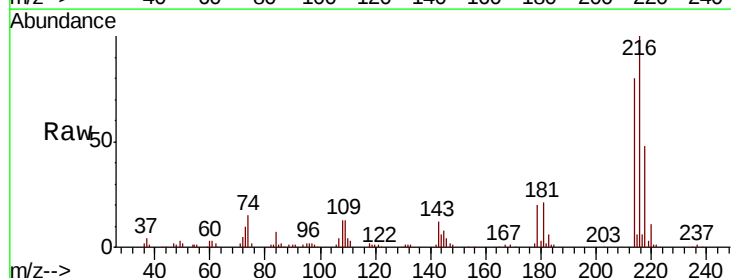
Ion Ratio Lower Upper

216 100

214 78.8 64.1 96.1

179 19.9 16.4 24.6

108 16.9 13.9 20.9

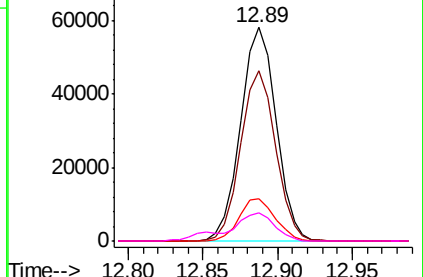
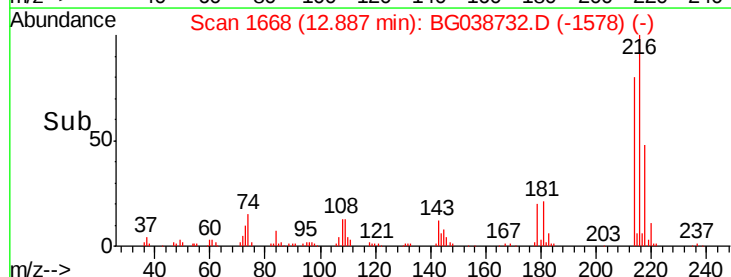


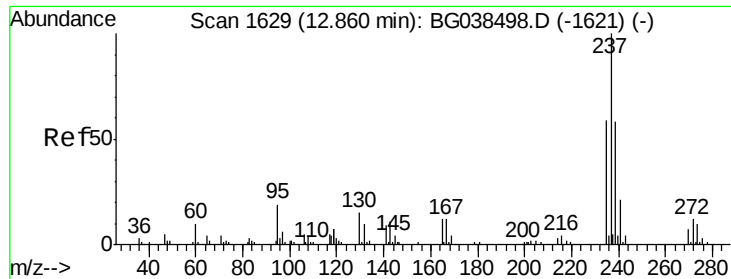
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 84.859 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

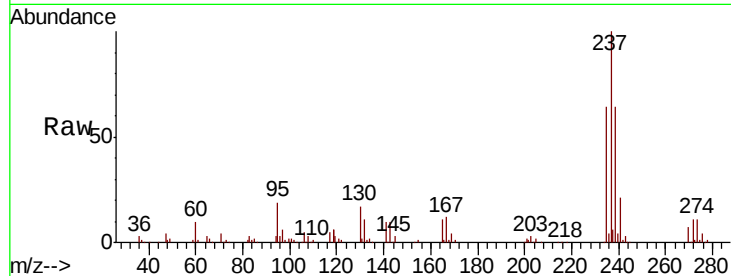
Instrument :

BNA_G

ClientSampleId :

PB115792BS

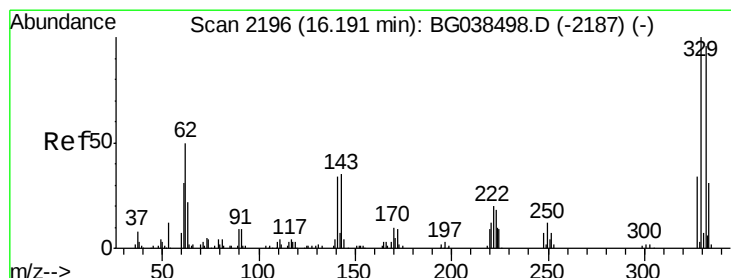
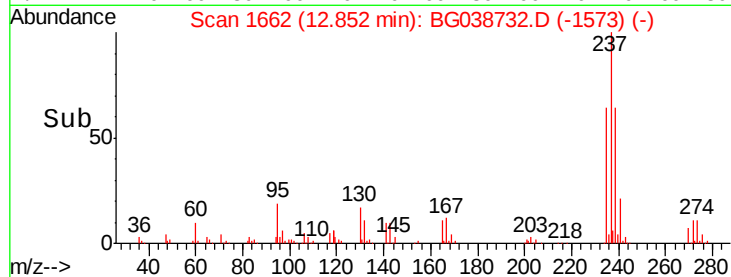
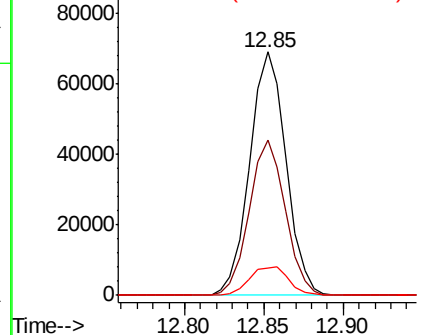
Tgt Ion:	237	Resp:	110106
Ion	Ratio	Lower	Upper
237	100		
235	64.0	38.8	78.8
272	11.4	0.0	32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 147.154 ng

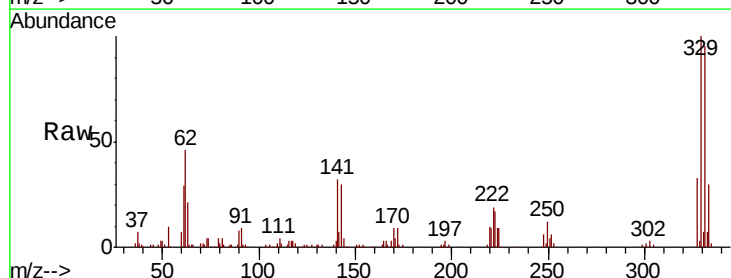
RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

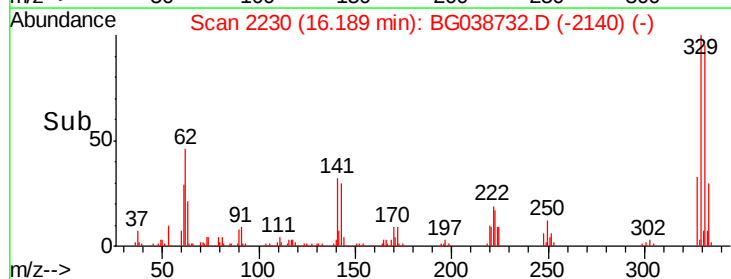
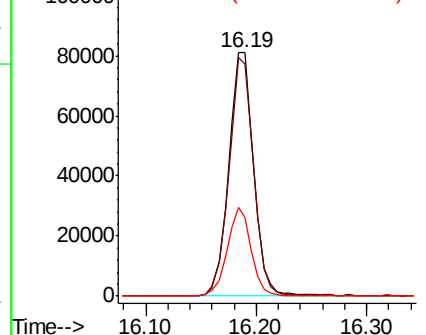
Tgt Ion:	330	Resp:	128136
Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	34.5	28.8	43.2

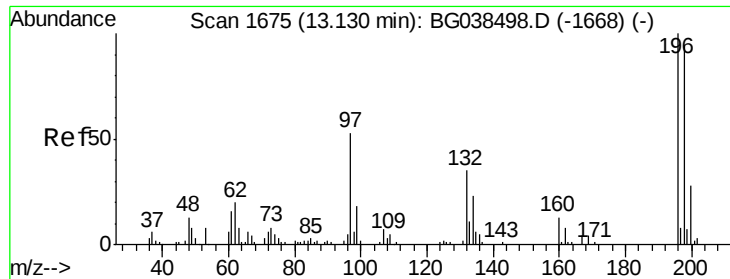


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

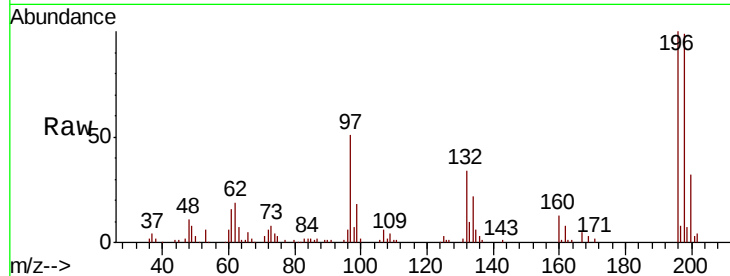




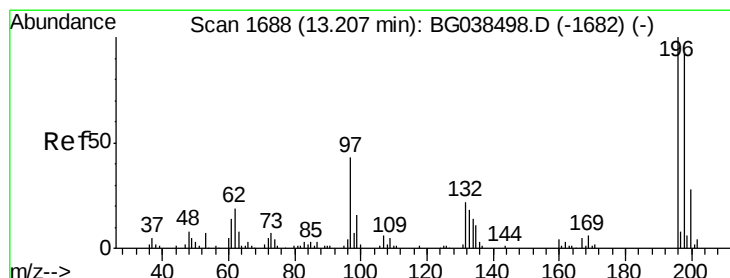
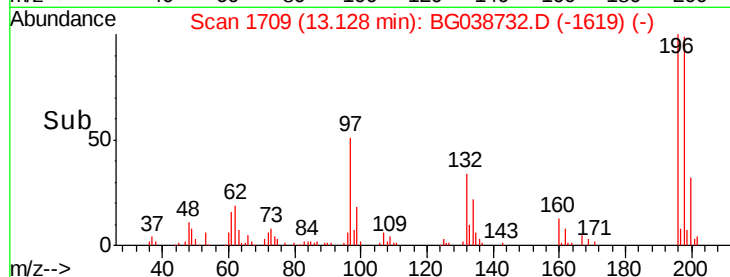
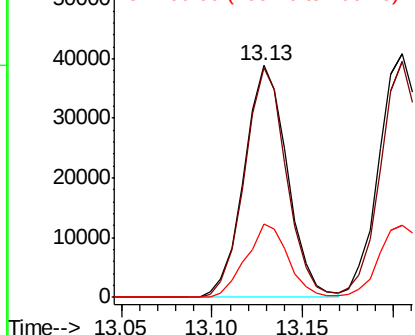
#43
 2,4,6-Trichlorophenol
 Concen: 44.450 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115792BS

Tgt Ion:196 Resp: 64547
 Ion Ratio Lower Upper
 196 100
 198 99.2 75.0 112.4
 200 31.7 22.4 33.6



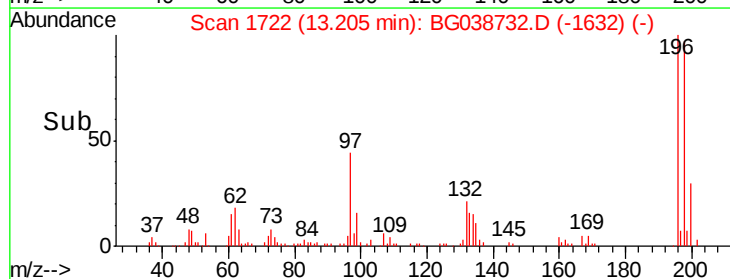
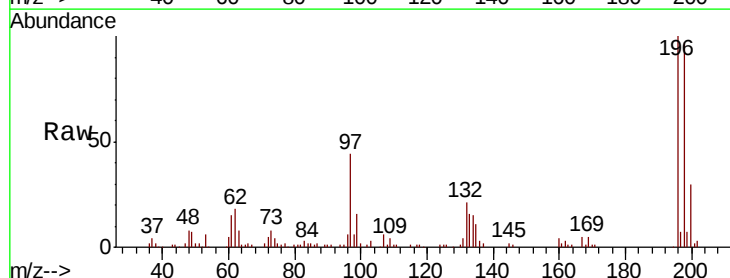
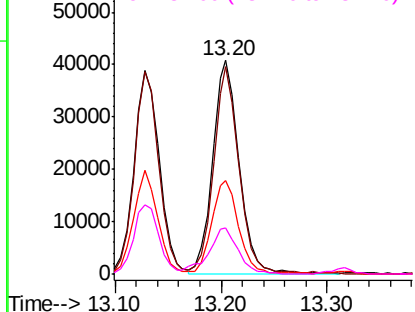
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

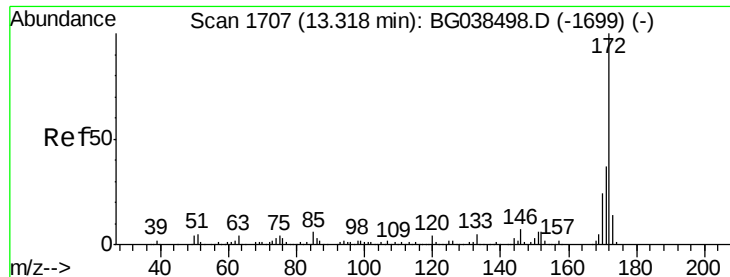


#44
 2,4,5-Trichlorophenol
 Concen: 46.669 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Tgt Ion:196 Resp: 71753
 Ion Ratio Lower Upper
 196 100
 198 97.0 74.0 111.0
 97 43.6 35.1 52.7
 132 21.5 18.0 27.0

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

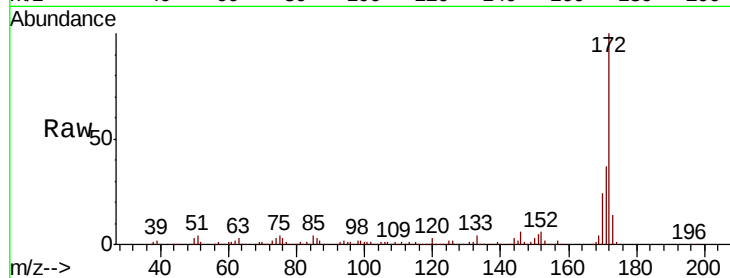




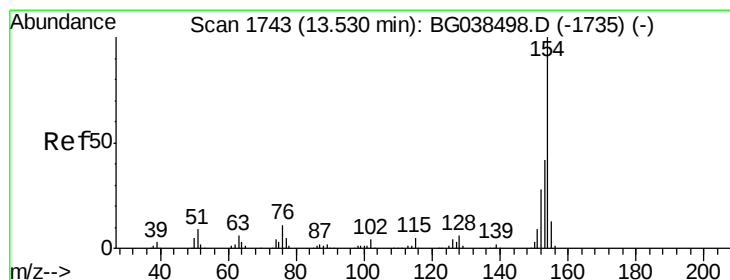
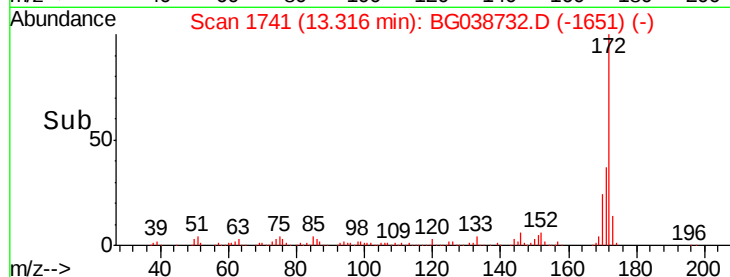
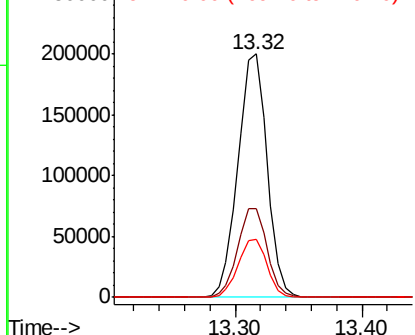
#45
 2-Fluorobiphenyl
 Concen: 69.013 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115792BS

Tgt Ion:172 Resp: 317849
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.8 44.6
 170 23.8 19.5 29.3

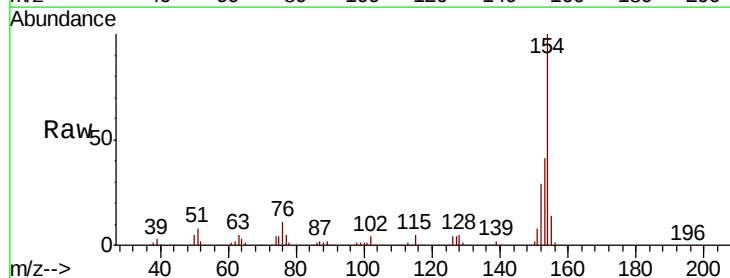


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

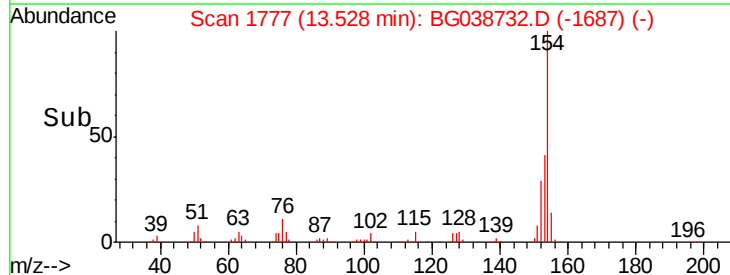
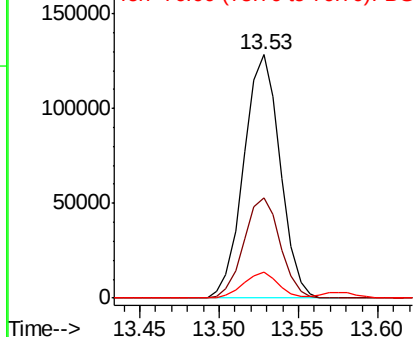


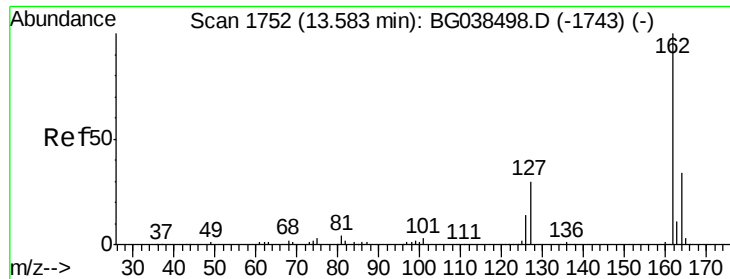
#46
 1,1'-Biphenyl
 Concen: 38.670 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Tgt Ion:154 Resp: 204822
 Ion Ratio Lower Upper
 154 100
 153 41.1 22.1 62.1
 76 10.7 0.0 31.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

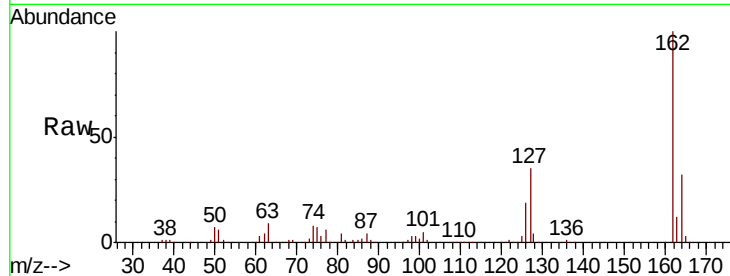




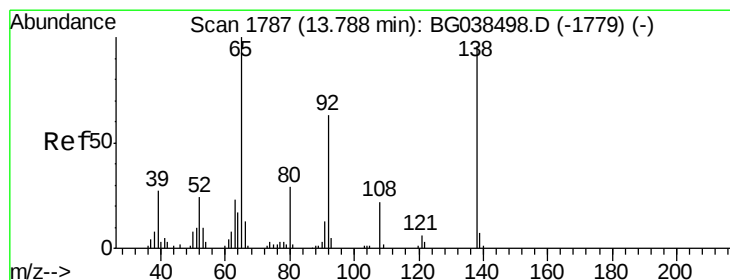
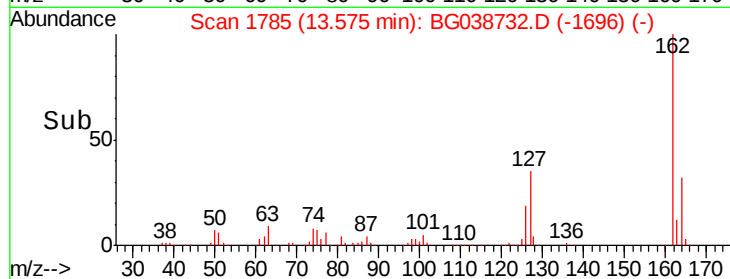
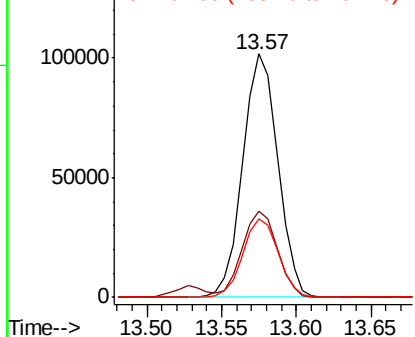
#47
 2-Chloronaphthalene
 Concen: 40.469 ng
 RT: 13.57 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115792BS

Tgt Ion: 162 Resp: 165575
 Ion Ratio Lower Upper
 162 100
 127 35.4 27.8 41.8
 164 32.0 26.9 40.3

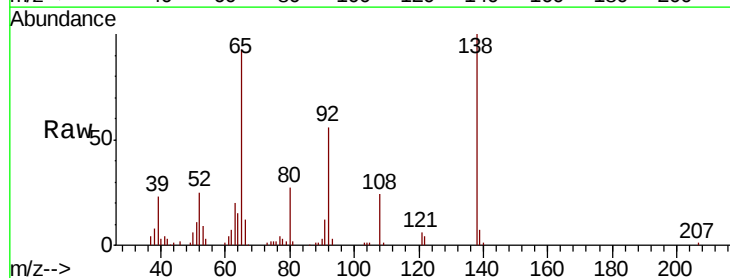


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

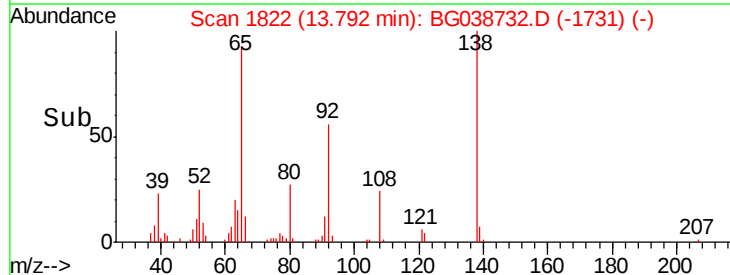
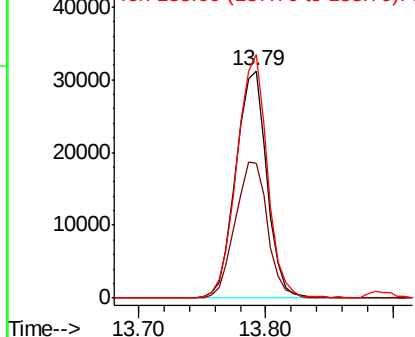


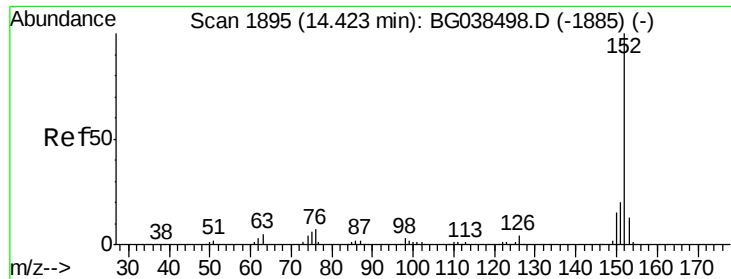
#48
 2-Nitroaniline
 Concen: 40.501 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Tgt Ion: 65 Resp: 52781
 Ion Ratio Lower Upper
 65 100
 92 59.4 50.0 75.0
 138 107.0 76.9 115.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.405 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PB115792BS

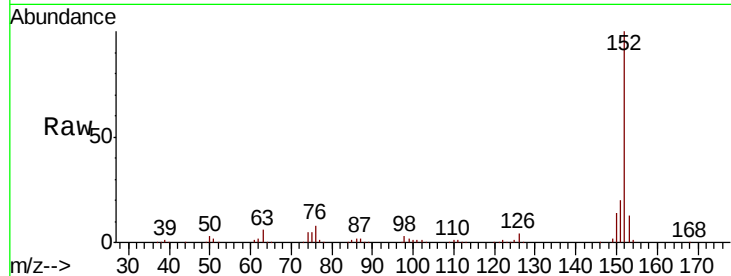
Tgt Ion:152 Resp: 271602

Ion Ratio Lower Upper

152 100

151 19.5 16.4 24.6

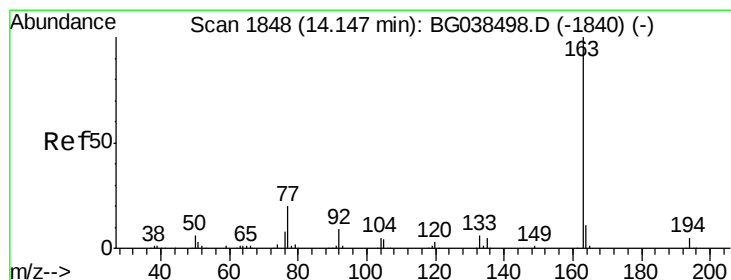
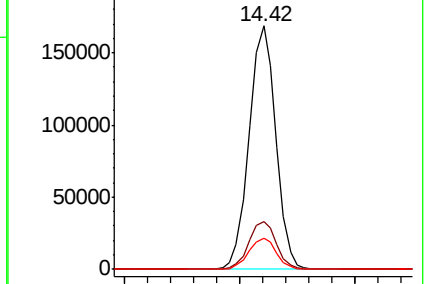
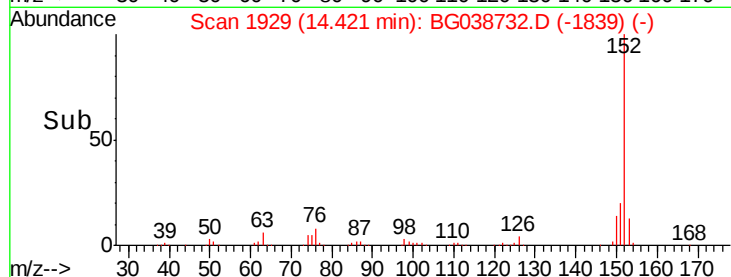
153 12.7 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.544 ng

RT: 14.14 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

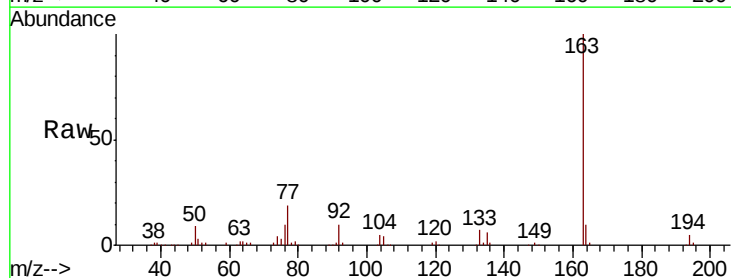
Tgt Ion:163 Resp: 214352

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

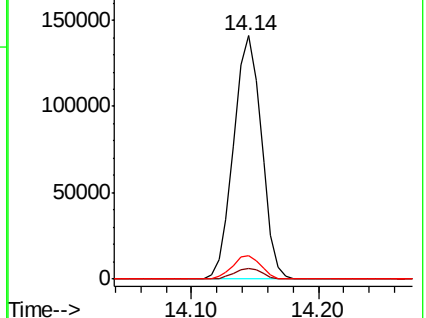
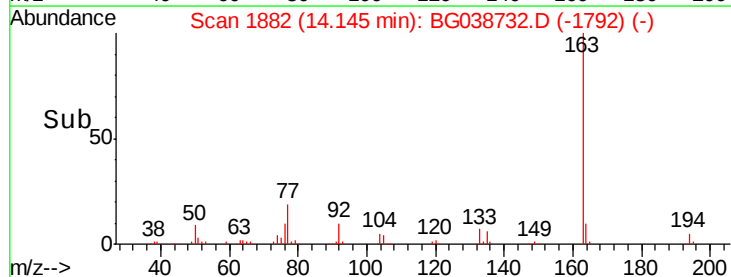
164 9.6 8.6 12.8

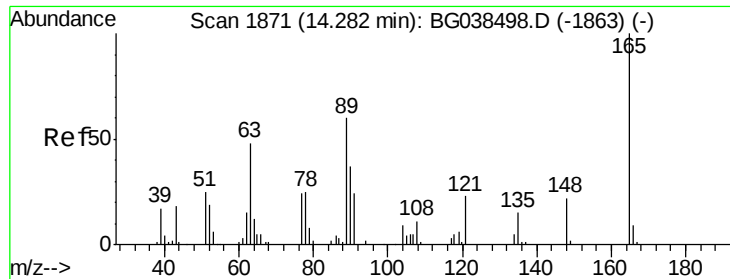


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

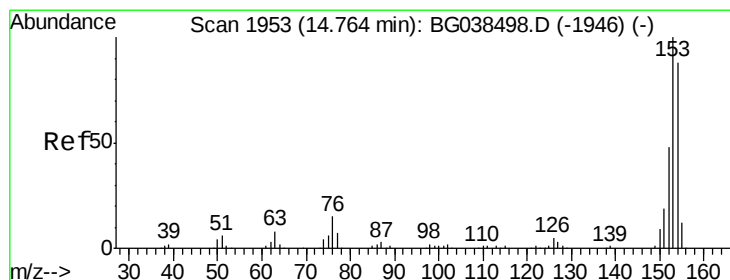
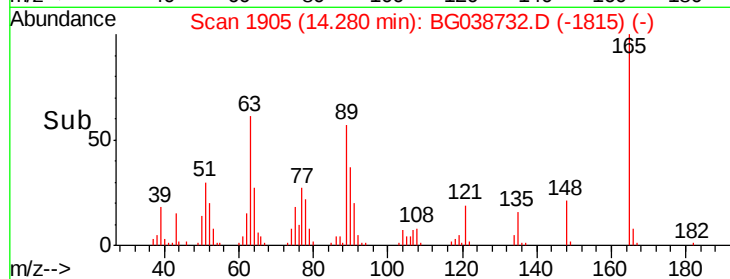
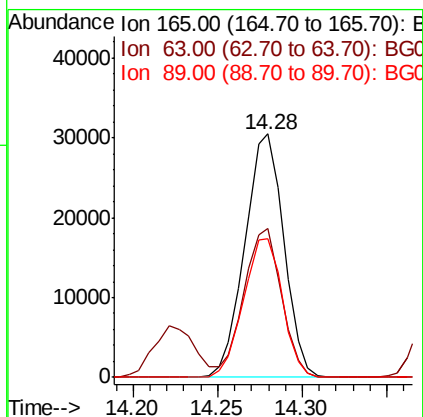
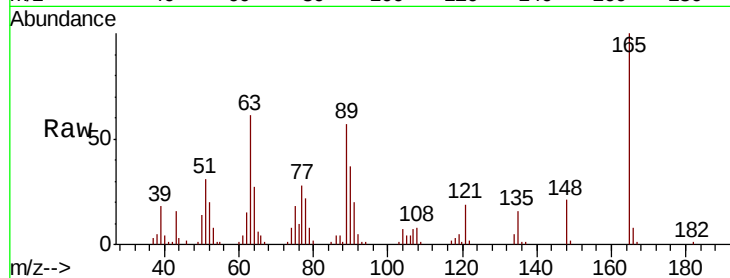




#51
2,6-Dinitrotoluene
Concen: 41.889 ng
RT: 14.28 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

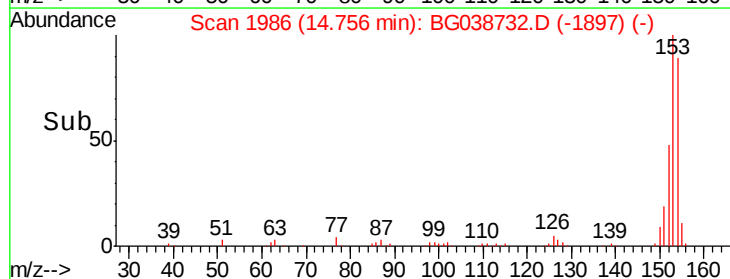
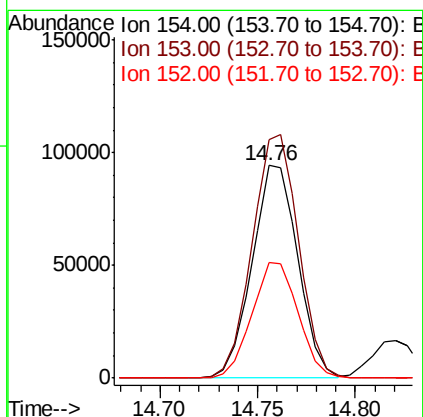
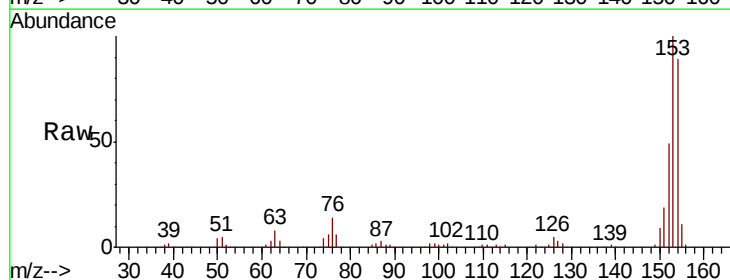
Instrument :
BNA_G
ClientSampleId :
PB115792BS

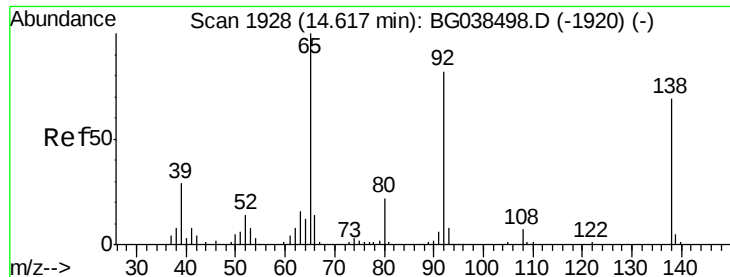
Tgt Ion:165 Resp: 48979
Ion Ratio Lower Upper
165 100
63 61.2 51.8 77.6
89 56.8 47.9 71.9



#52
Acenaphthene
Concen: 41.823 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion:154 Resp: 152965
Ion Ratio Lower Upper
154 100
153 112.6 90.6 136.0
152 54.8 43.5 65.3





#53

3-Nitroaniline

Concen: 30.368 ng

RT: 14.61 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PB115792BS

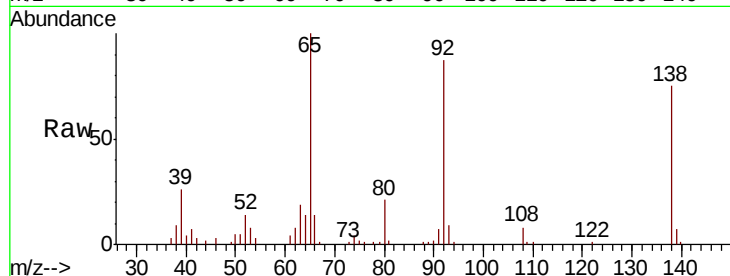
Tgt Ion:138 Resp: 36197

Ion Ratio Lower Upper

138 100

108 11.2 7.9 11.9

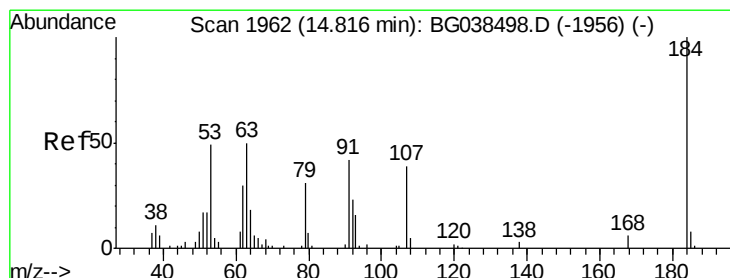
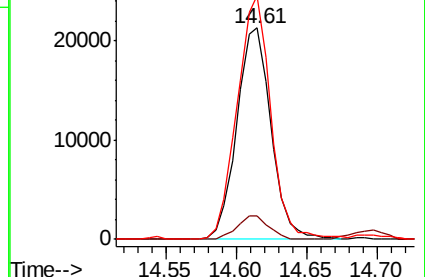
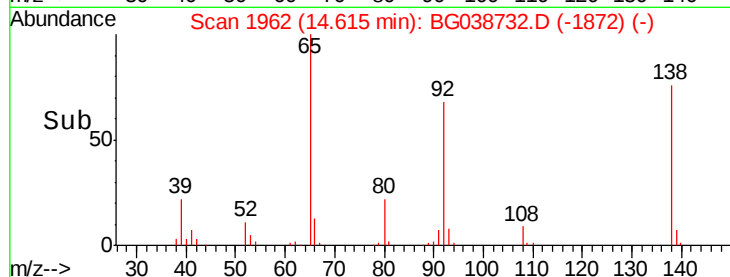
92 115.3 95.3 142.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 63.067 ng

RT: 14.82 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

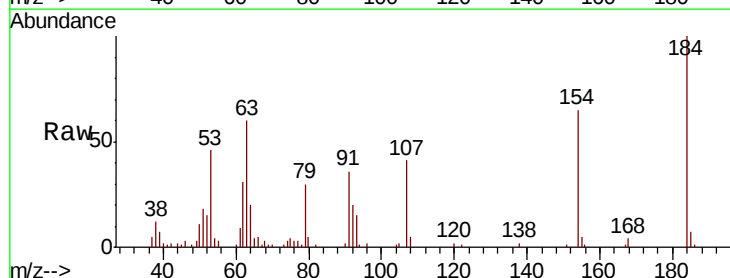
Tgt Ion:184 Resp: 43061

Ion Ratio Lower Upper

184 100

63 60.0 47.0 70.6

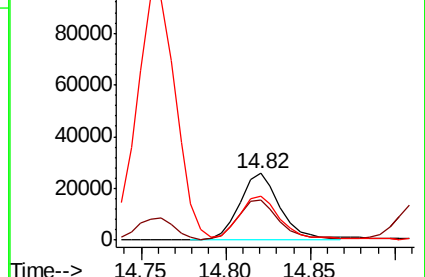
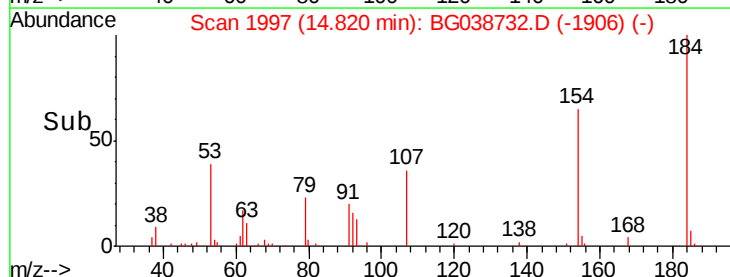
154 65.1 50.3 75.5

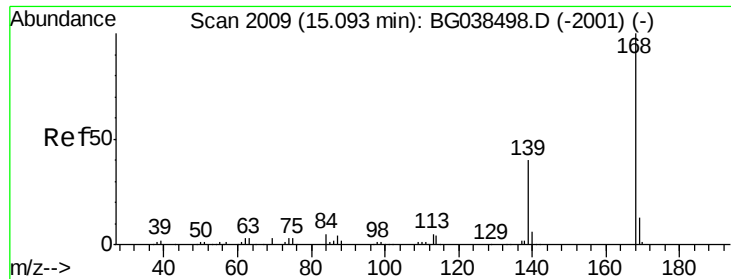


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

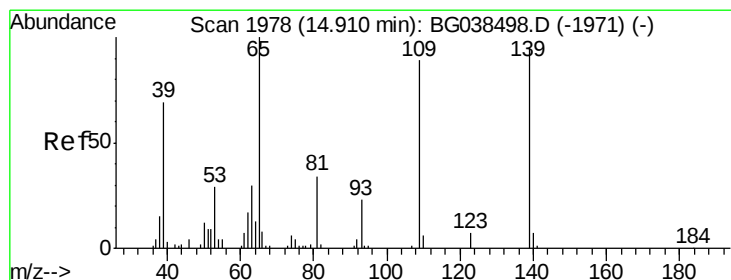
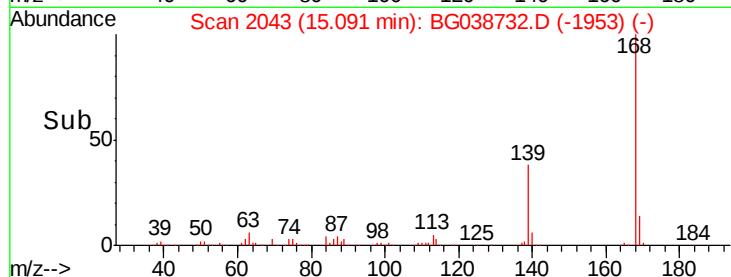
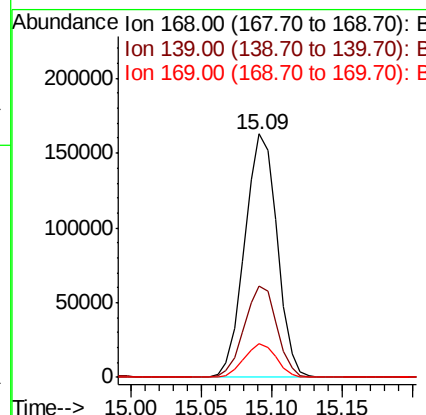
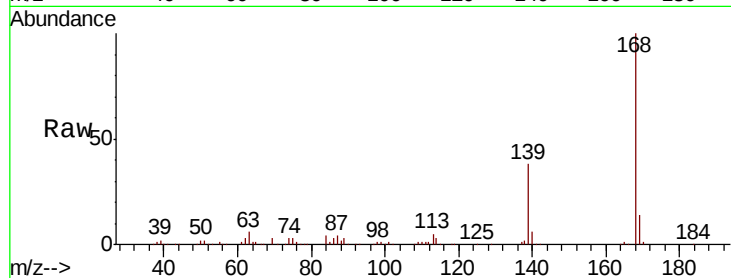




#55
Dibenzenofuran
Concen: 41.786 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

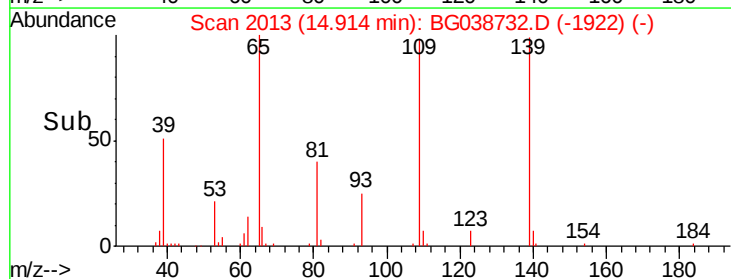
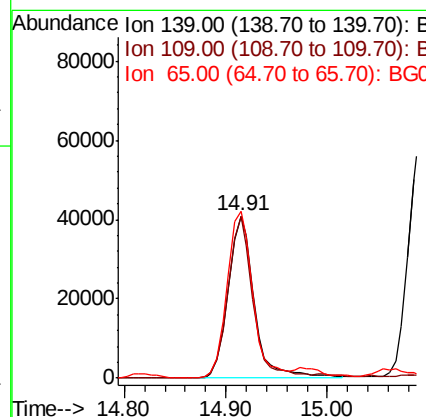
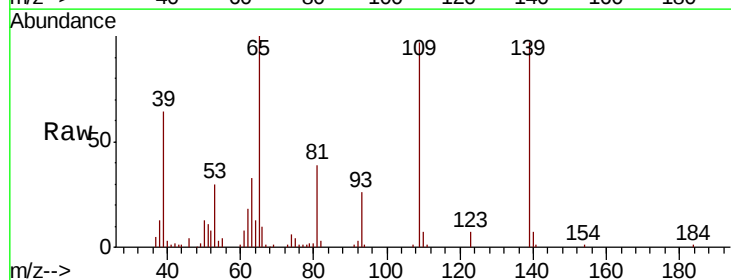
Instrument :
BNA_G
ClientSampleId :
PB115792BS

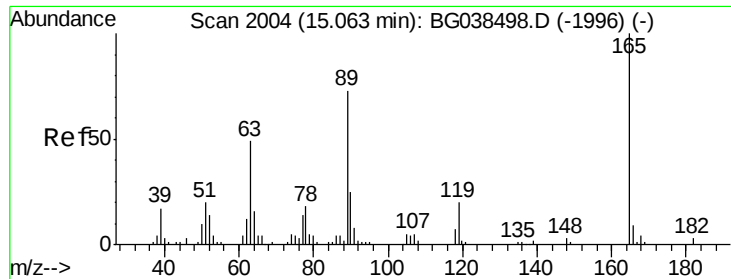
Tgt Ion:168 Resp: 261977
Ion Ratio Lower Upper
168 100
139 37.7 32.2 48.2
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 80.759 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion:139 Resp: 73024
Ion Ratio Lower Upper
139 100
109 99.9 73.6 113.6
65 103.4 84.8 124.8

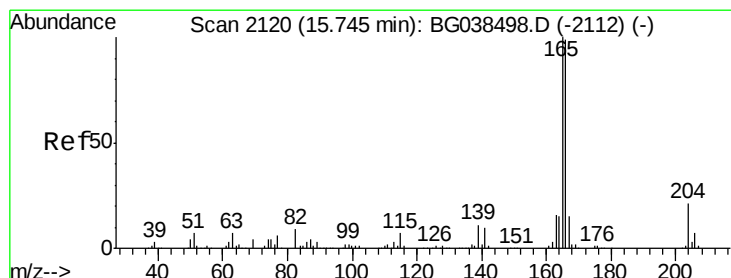
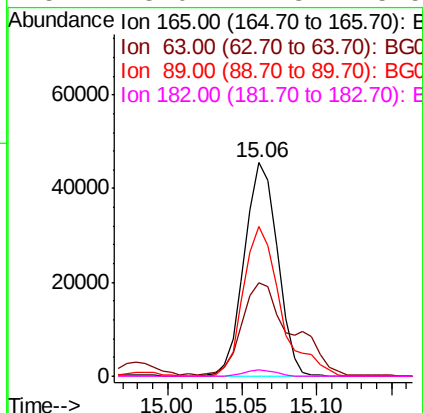
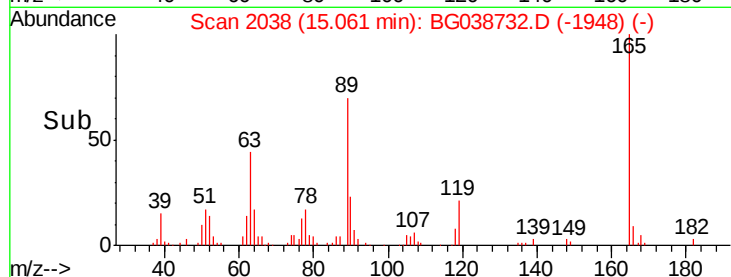
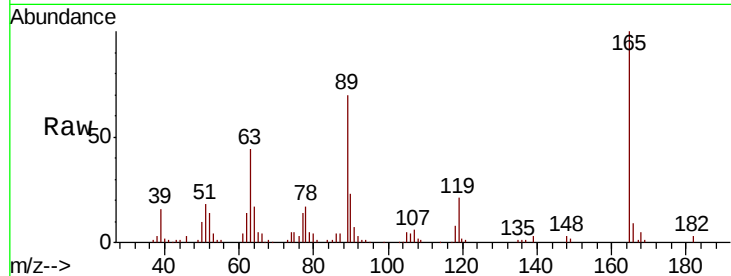




#57
2,4-Dinitrotoluene
Concen: 42.653 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

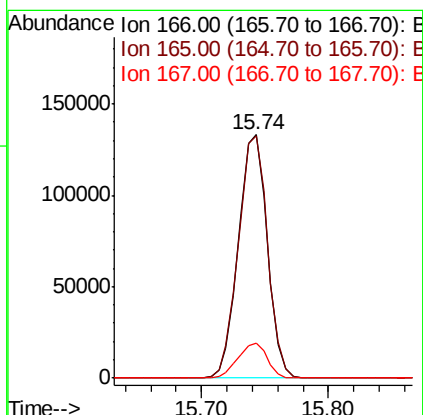
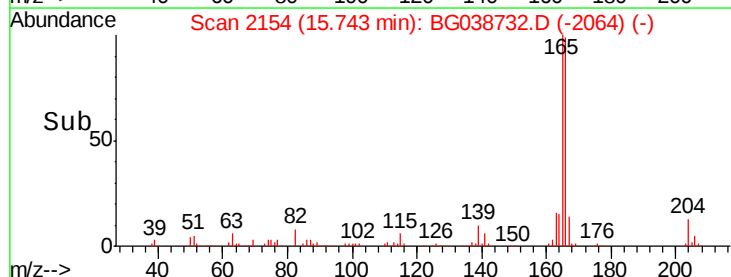
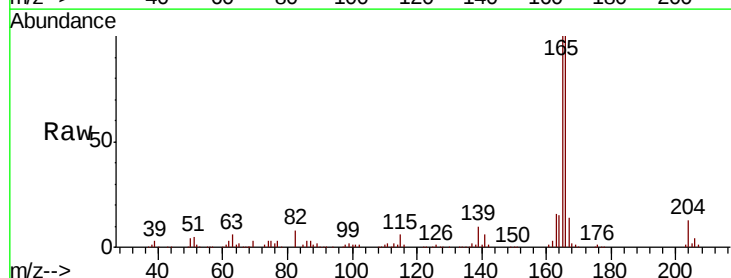
Instrument :
BNA_G
ClientSampleId :
PB115792BS

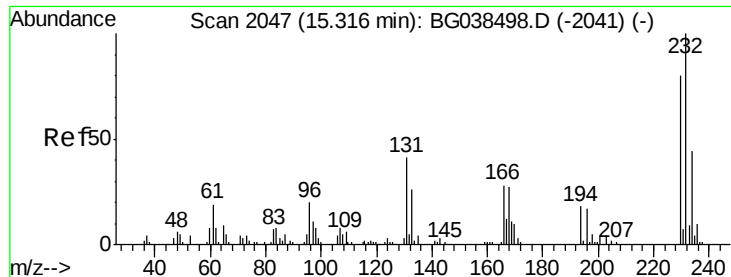
Tgt Ion:165 Resp: 70244
Ion Ratio Lower Upper
165 100
63 43.6 39.0 58.4
89 70.1 58.0 87.0
182 3.0 2.3 3.5



#58
Fluorene
Concen: 45.271 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion:166 Resp: 210281
Ion Ratio Lower Upper
166 100
165 99.8 80.6 120.8
167 14.4 12.0 18.0

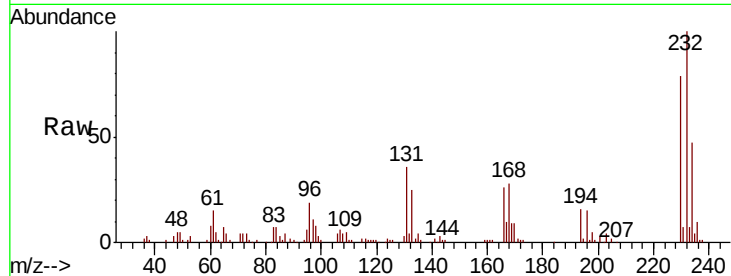




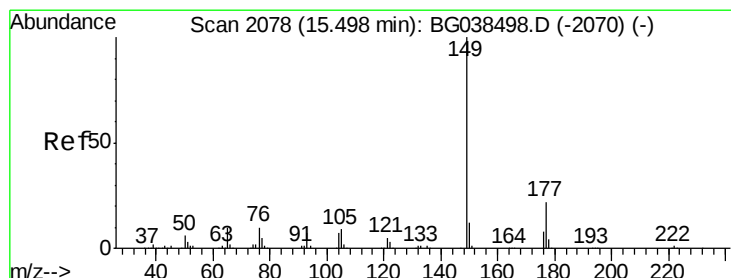
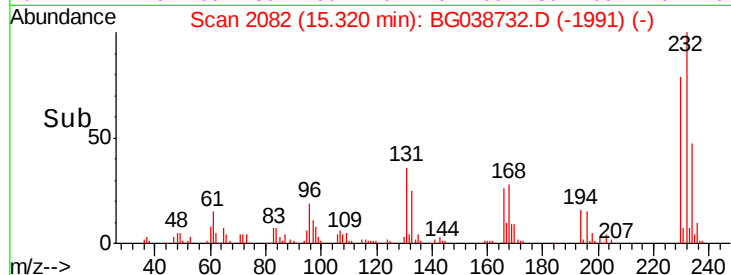
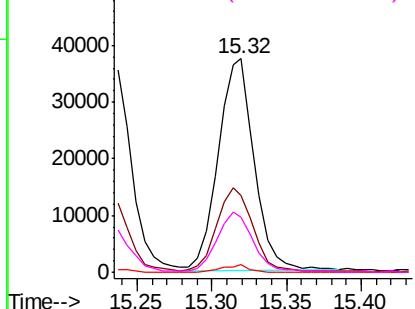
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.373 ng
RT: 15.32 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tgt Ion:232 Resp: 62763
Ion Ratio Lower Upper
232 100
131 41.3 33.0 49.4
130 2.5 2.0 3.0
166 28.9 23.1 34.7

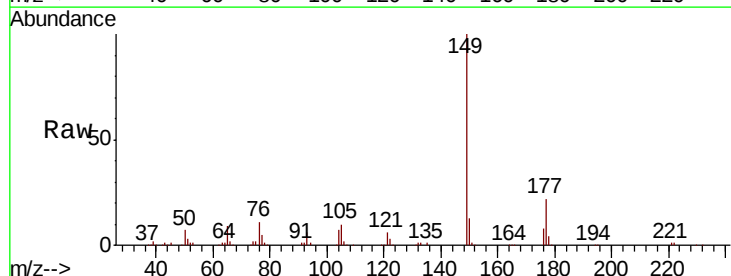


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

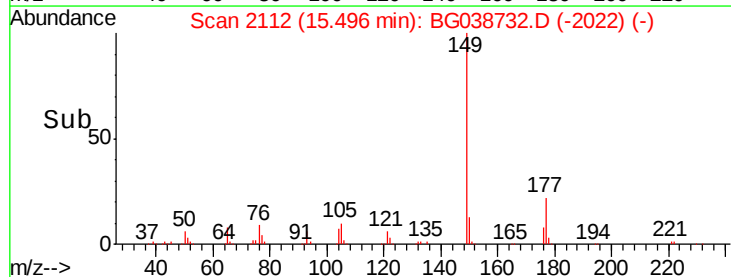
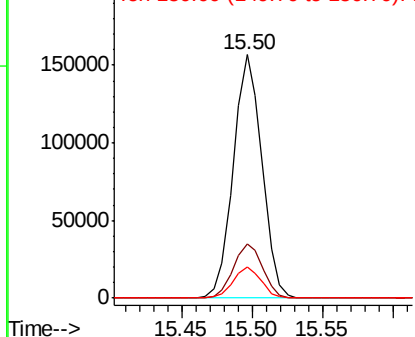


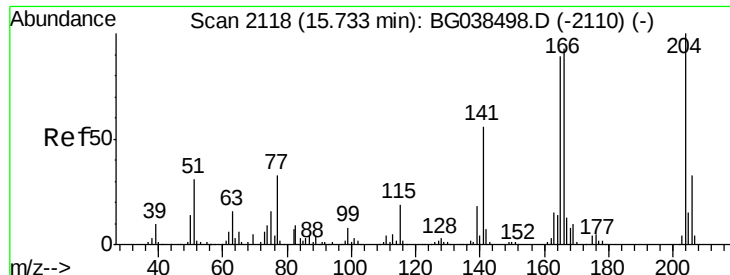
#60
Diethylphthalate
Concen: 39.039 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion:149 Resp: 221125
Ion Ratio Lower Upper
149 100
177 22.4 17.7 26.5
150 12.7 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

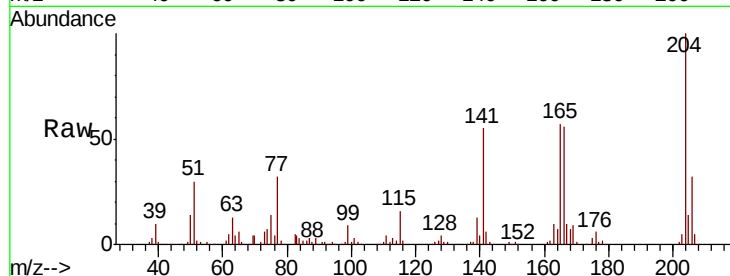




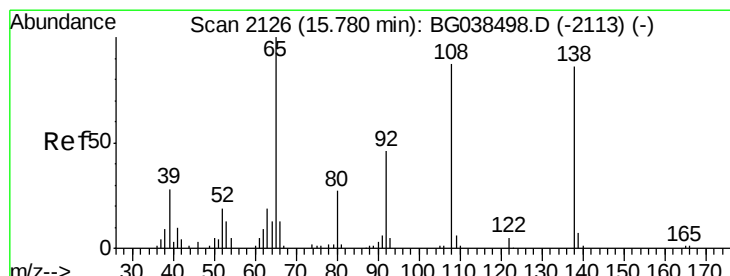
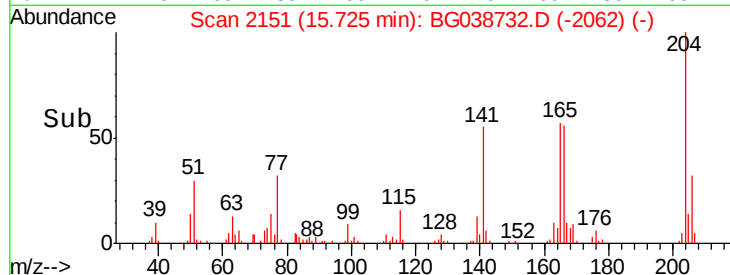
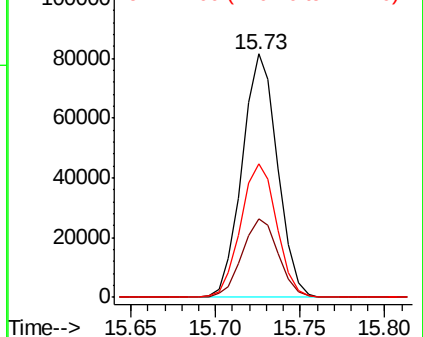
#61
 4-Chlorophenyl-phenylether
 Concen: 40.911 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115792BS

Tgt Ion: 204 Resp: 118564
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.0 39.0
 141 55.1 44.4 66.6

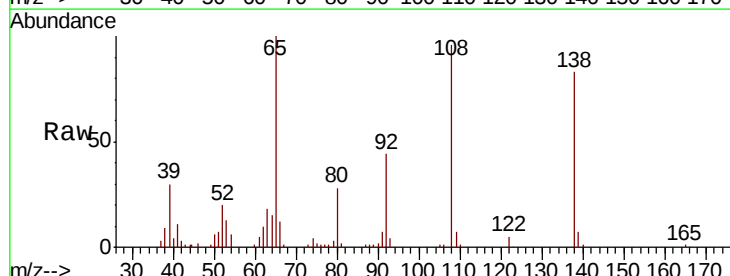


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

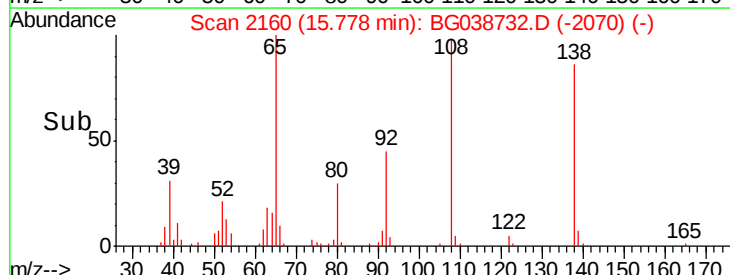
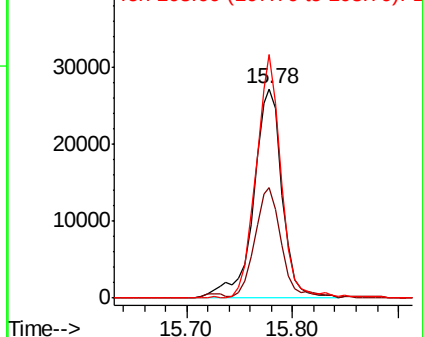


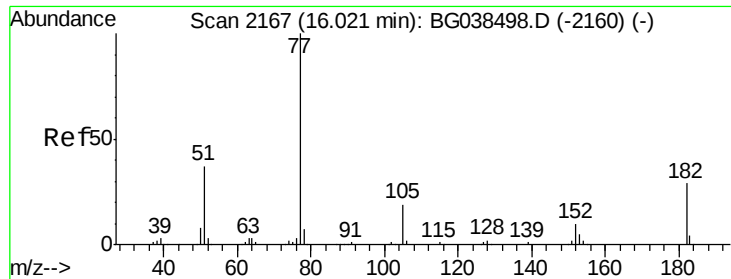
#62
 4-Nitroaniline
 Concen: 41.793 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Tgt Ion: 138 Resp: 51284
 Ion Ratio Lower Upper
 138 100
 92 53.1 33.3 73.3
 108 116.2 81.4 121.4



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E

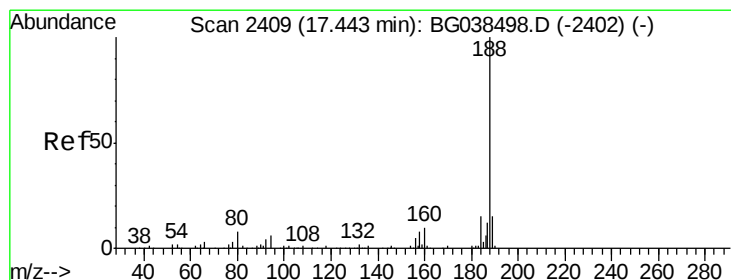
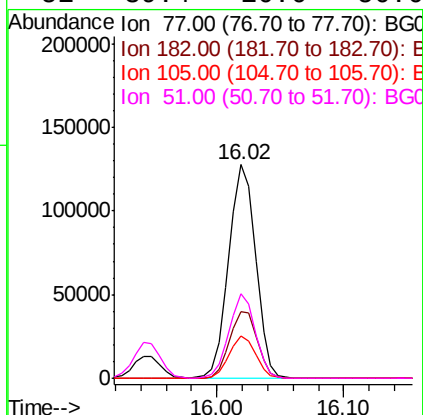
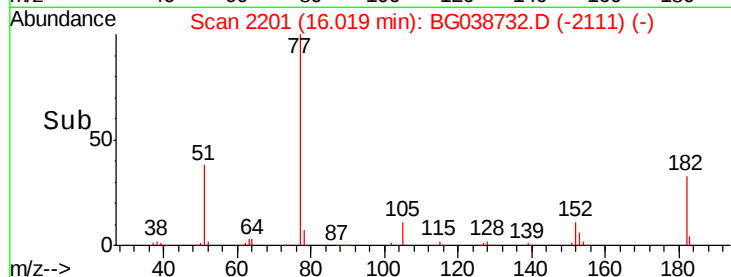
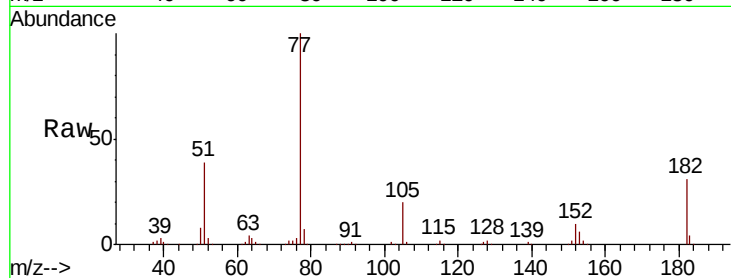




#63
Azobenzene
Concen: 39.658 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

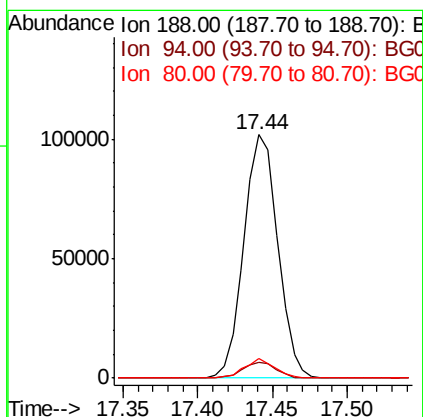
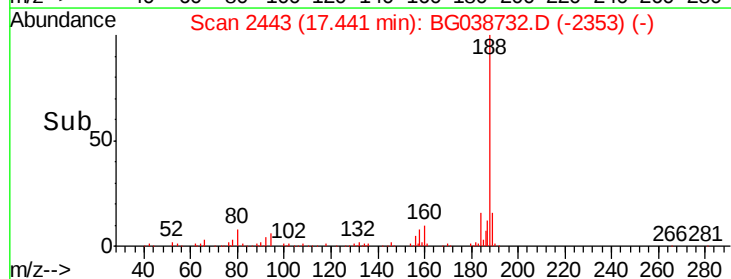
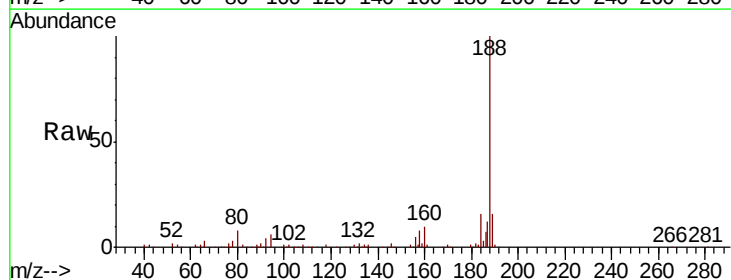
Instrument :
BNA_G
ClientSampleId :
PB115792BS

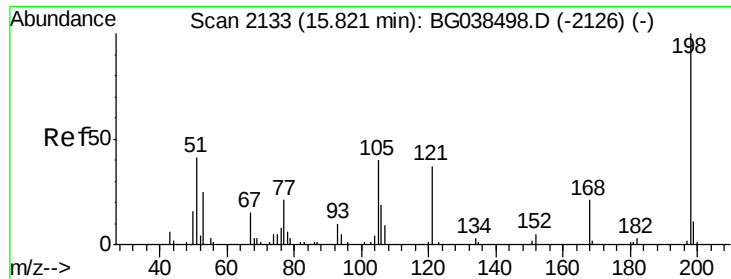
Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.3	8.7	48.7
105	20.0	0.0	38.7
51	39.4	16.6	56.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.1	7.7
80	8.2	6.1	9.1

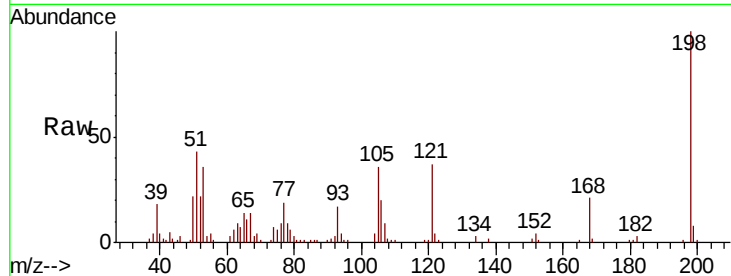




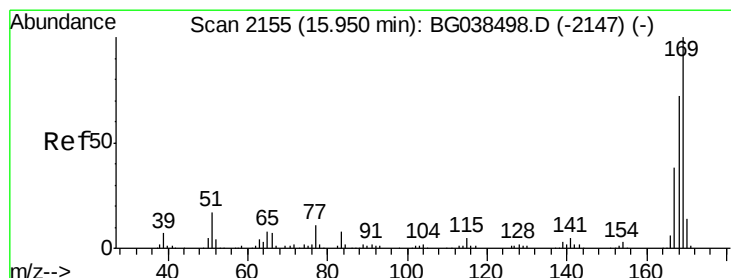
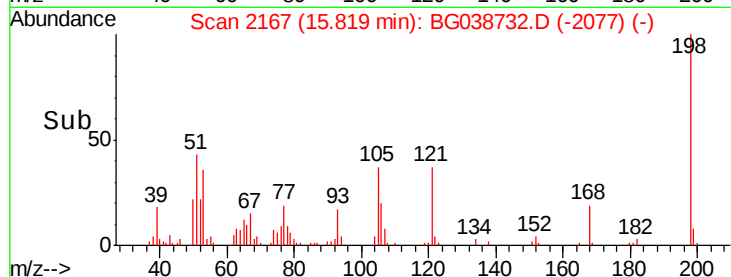
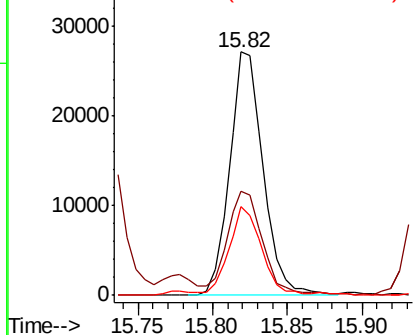
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.244 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115792BS

Tgt Ion:198 Resp: 42546
 Ion Ratio Lower Upper
 198 100
 51 42.5 28.6 68.6
 105 36.3 20.4 60.4

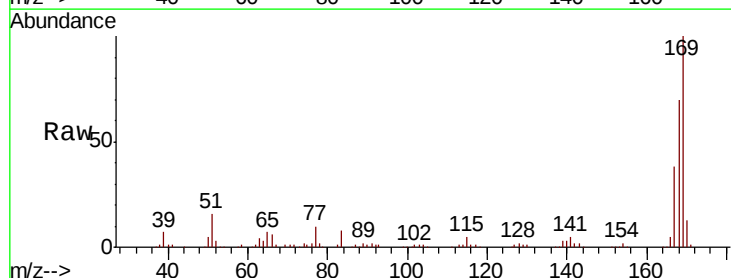


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

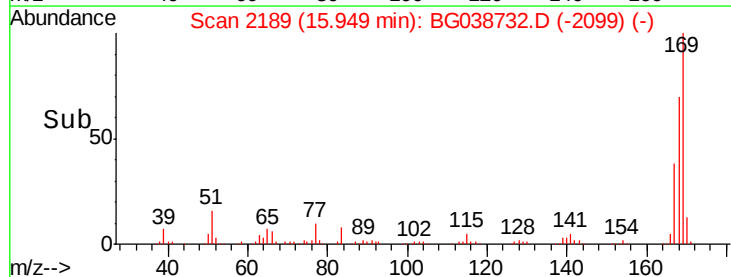
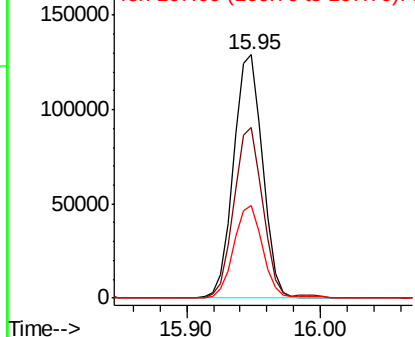


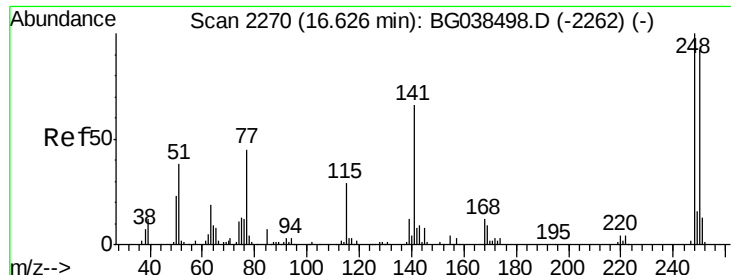
#66
 n-Nitrosodiphenylamine
 Concen: 41.337 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Tgt Ion:169 Resp: 194499
 Ion Ratio Lower Upper
 169 100
 168 69.9 57.5 86.3
 167 38.1 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 41.263 ng

RT: 16.62 min Scan# 2304

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PB115792BS

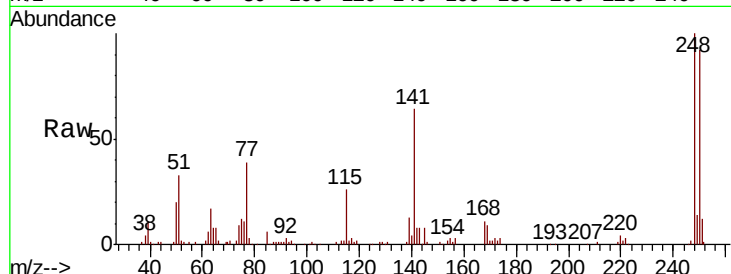
Tgt Ion:248 Resp: 80700

Ion Ratio Lower Upper

248 100

250 92.1 73.4 110.2

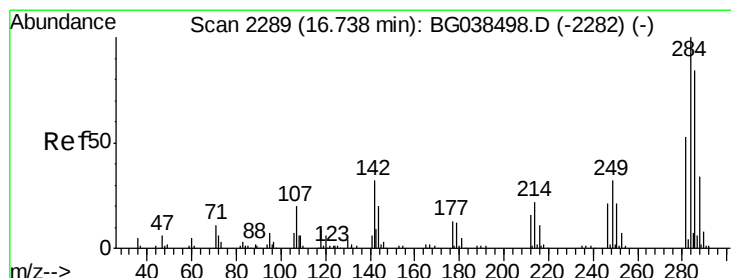
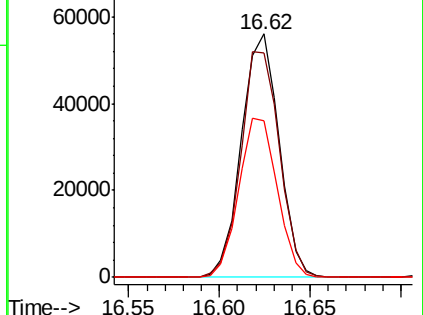
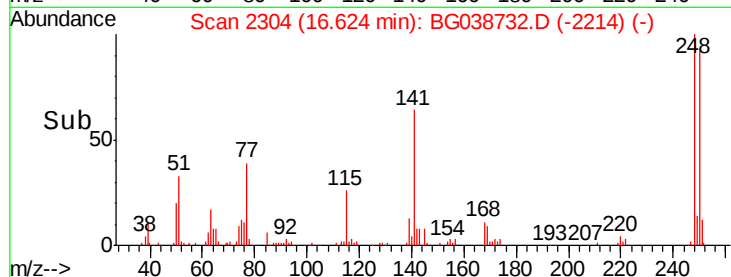
141 64.1 52.9 79.3



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 41.703 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

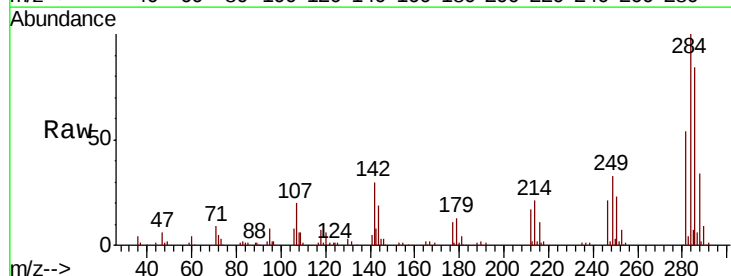
Tgt Ion:284 Resp: 84546

Ion Ratio Lower Upper

284 100

142 30.1 25.8 38.6

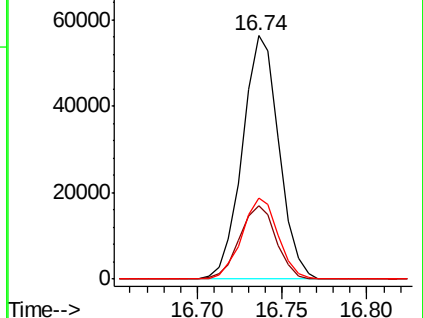
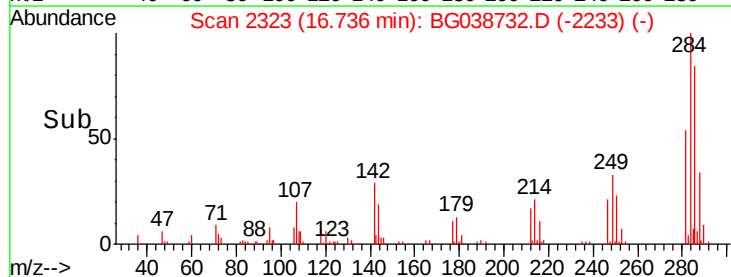
249 36.1 27.0 40.4

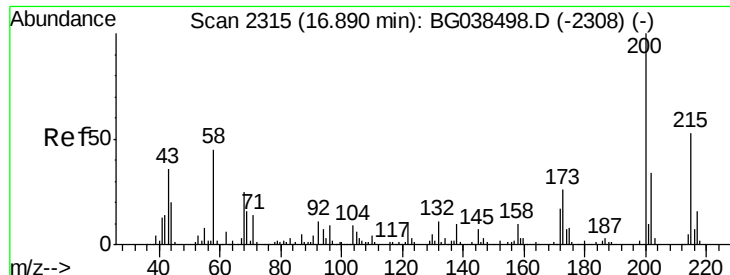


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 45.757 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PB115792BS

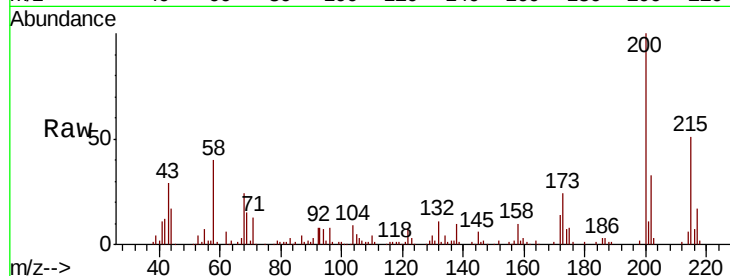
Tgt Ion:200 Resp: 79899

Ion Ratio Lower Upper

200 100

173 23.7 5.9 45.9

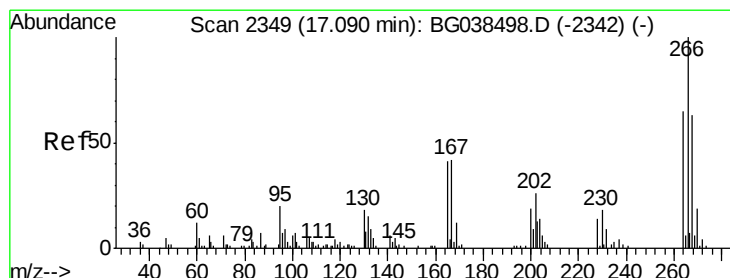
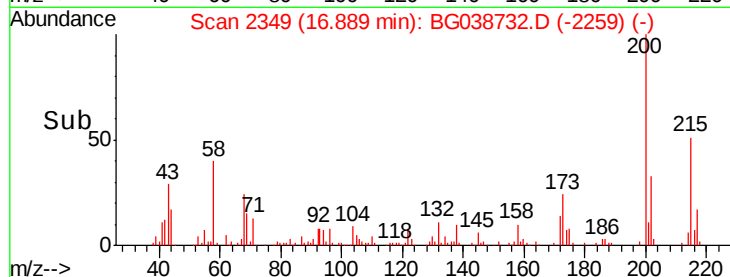
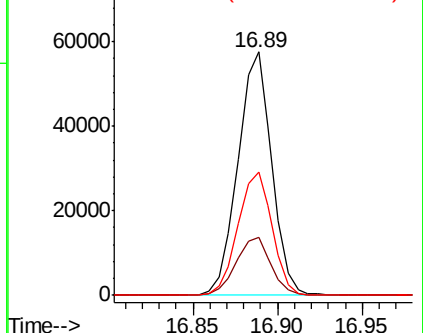
215 50.7 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 70.069 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

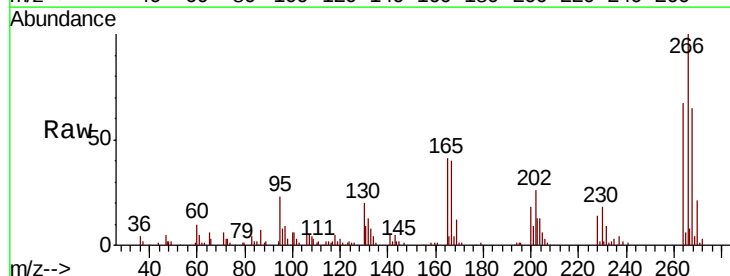
Tgt Ion:266 Resp: 84023

Ion Ratio Lower Upper

266 100

268 69.6 55.0 82.6

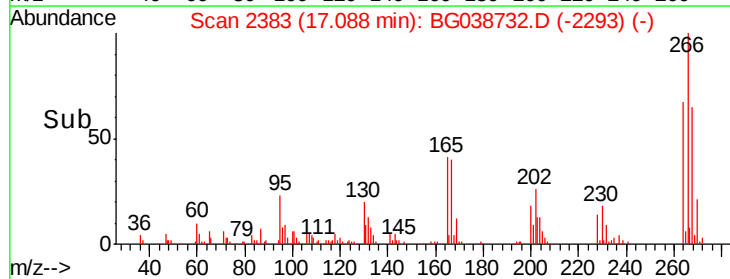
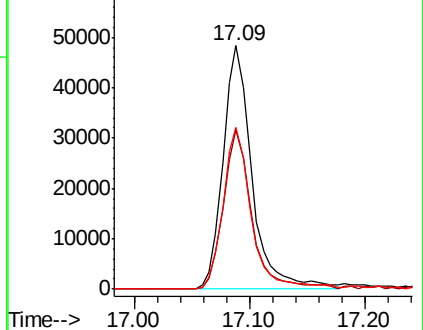
264 72.0 56.7 85.1

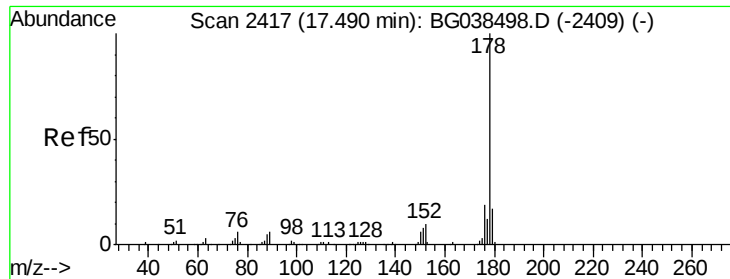


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

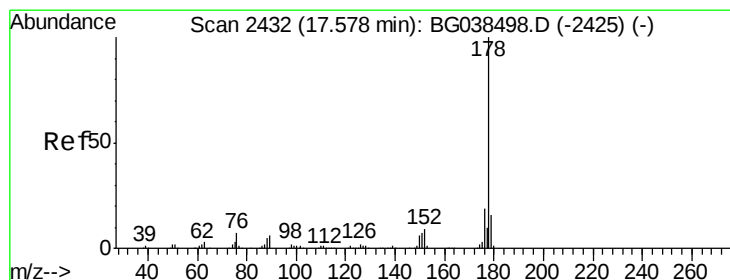
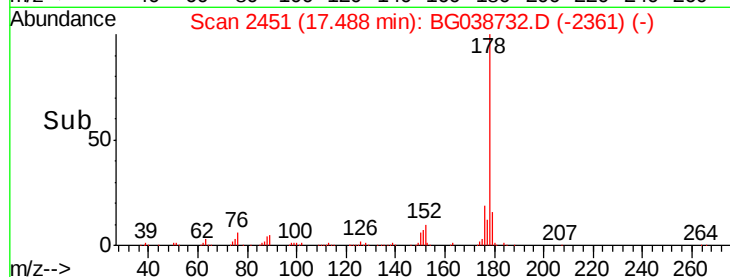
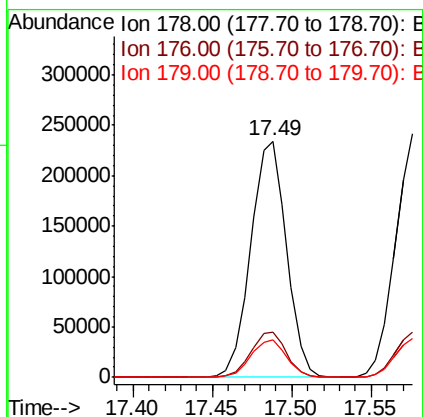
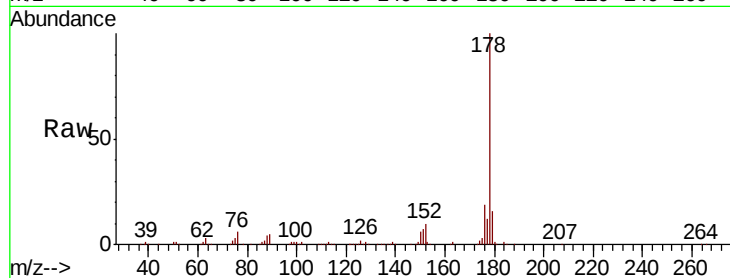




#71
Phenanthrene
Concen: 44.132 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

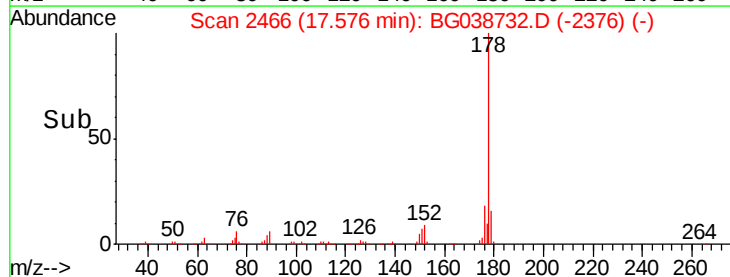
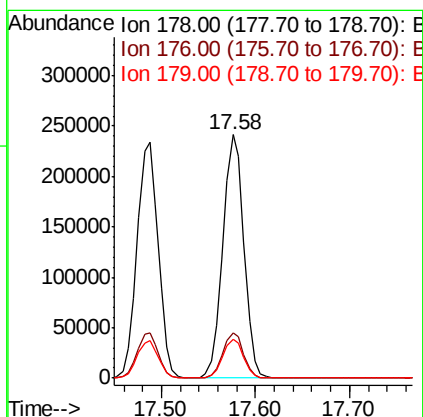
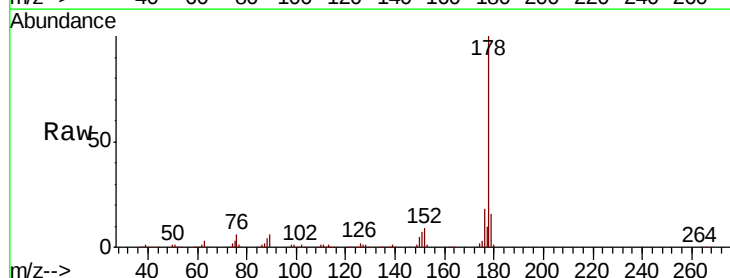
Instrument :
BNA_G
ClientSampleId :
PB115792BS

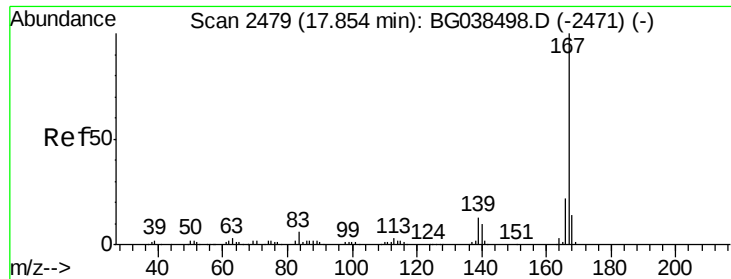
Tgt Ion:178 Resp: 366478
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 16.0 13.2 19.8



#72
Anthracene
Concen: 45.829 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion:178 Resp: 375703
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 16.1 12.9 19.3

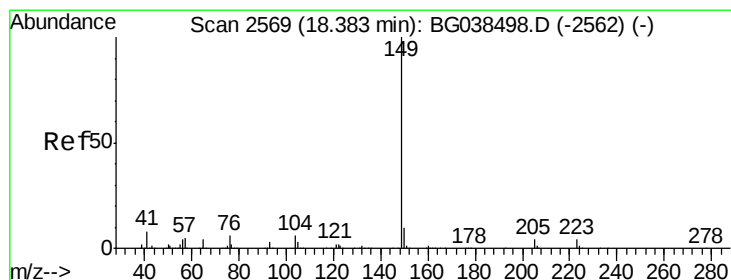
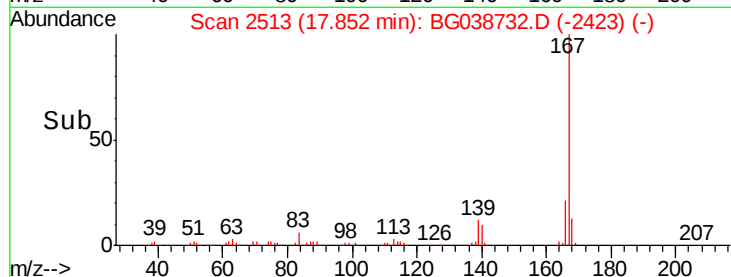
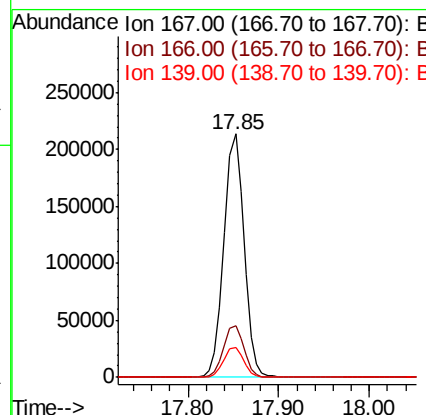
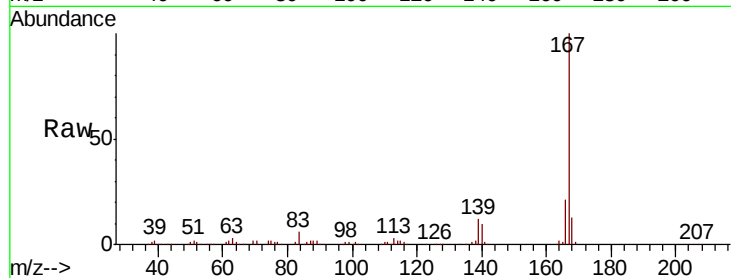




#73
 Carbazole
 Concen: 40.779 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

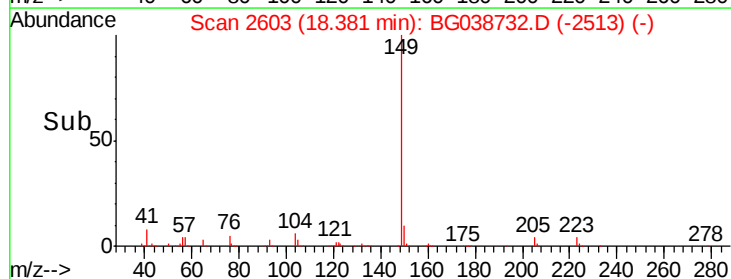
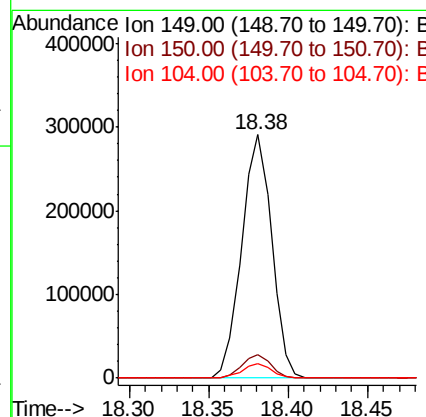
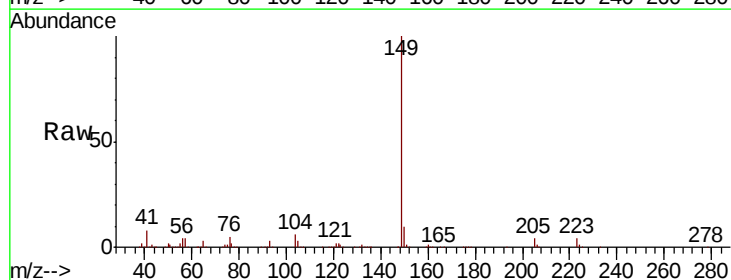
Instrument :
 BNA_G
 ClientSampleId :
 PB115792BS

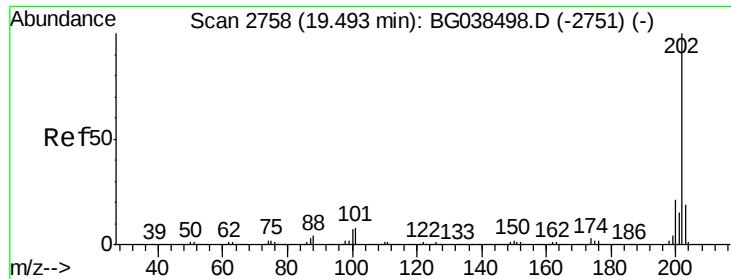
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.9	26.9
139	12.1	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 41.068 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	5.9	5.0	7.4

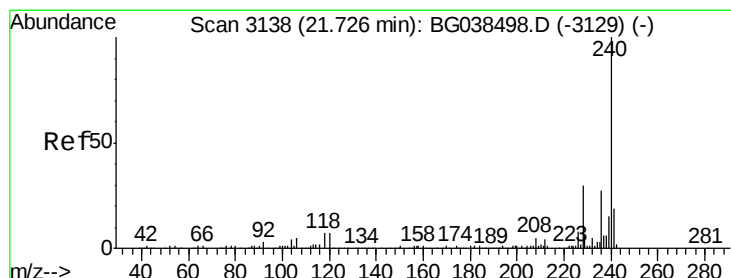
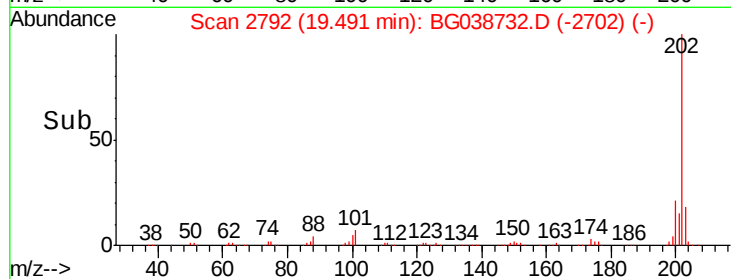
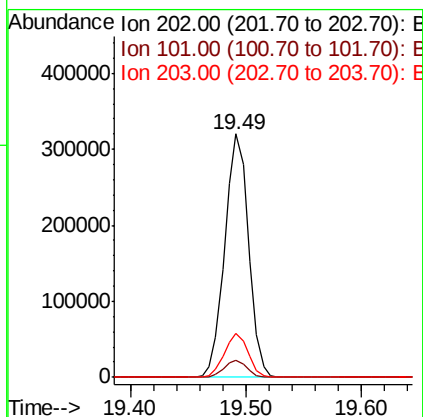
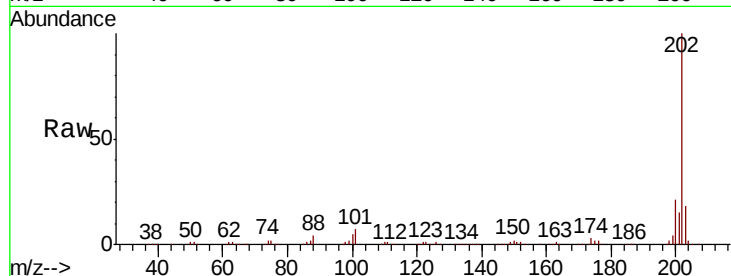




#75
 Fluoranthene
 Concen: 44.534 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

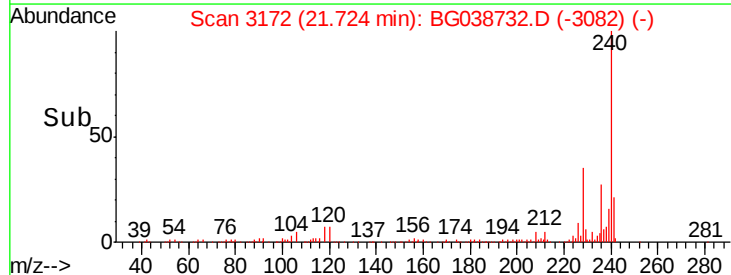
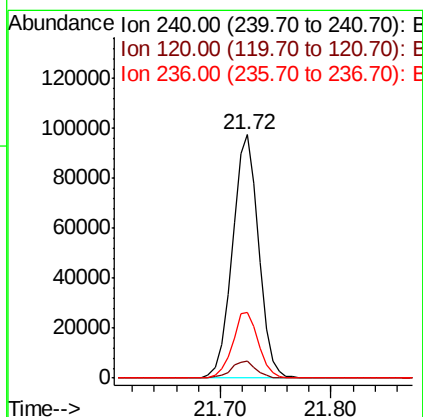
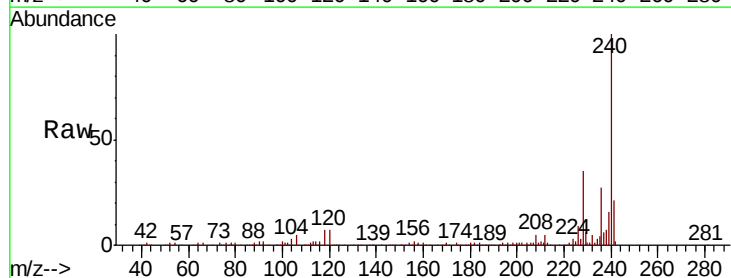
Instrument :
 BNA_G
 ClientSampleId :
 PB115792BS

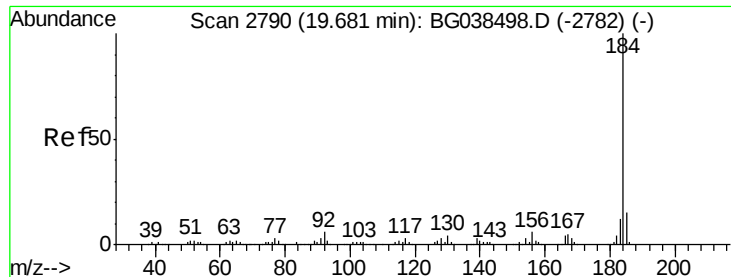
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	457566		
101	6.8		0.0	28.1
203	17.8		0.0	39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	161639		
120	7.2		5.3	7.9
236	26.9		21.4	32.2





#77

Benzidine

Concen: 39.492 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PB115792BS

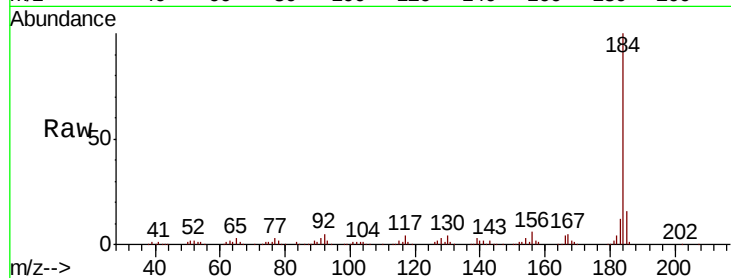
Tgt Ion:184 Resp: 188784

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

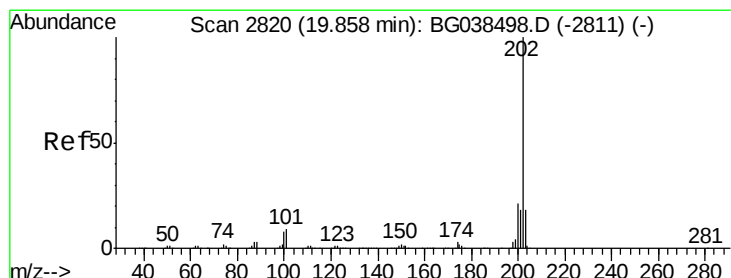
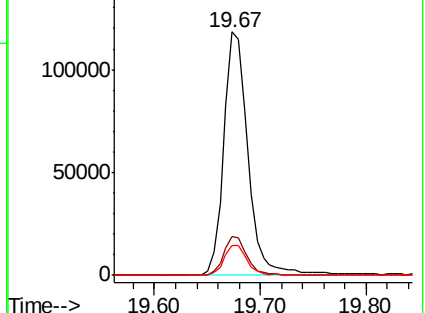
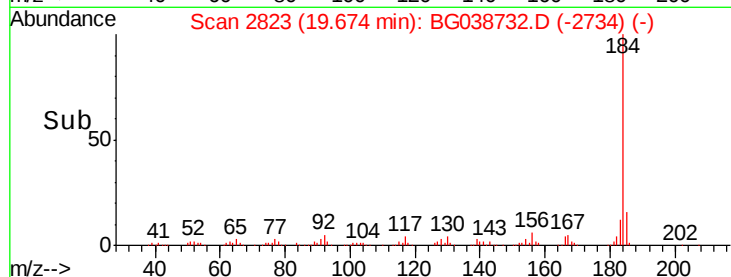
183 12.1 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.129 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

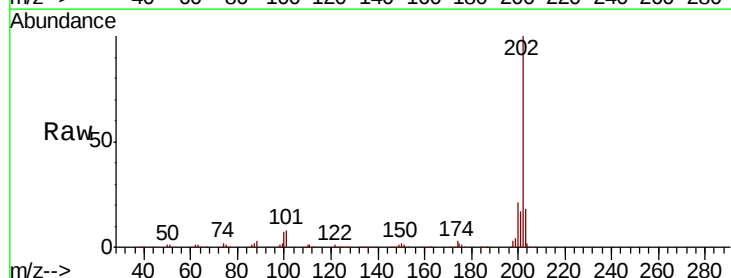
Tgt Ion:202 Resp: 460544

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

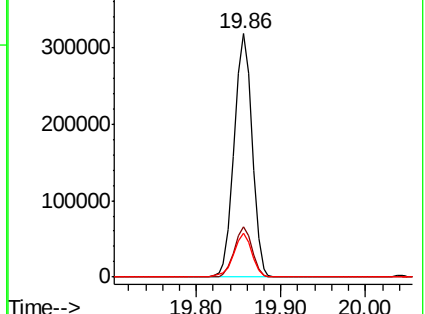
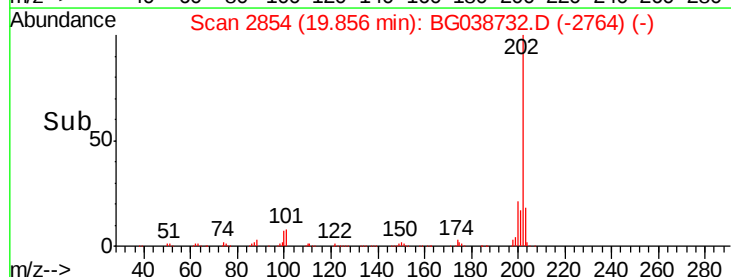
203 18.0 14.6 21.8

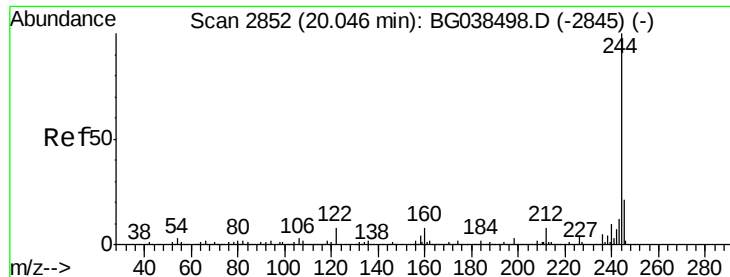


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.301 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PB115792BS

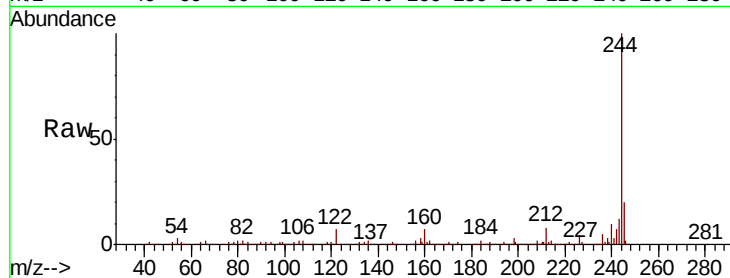
Tgt Ion:244 Resp: 633538

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

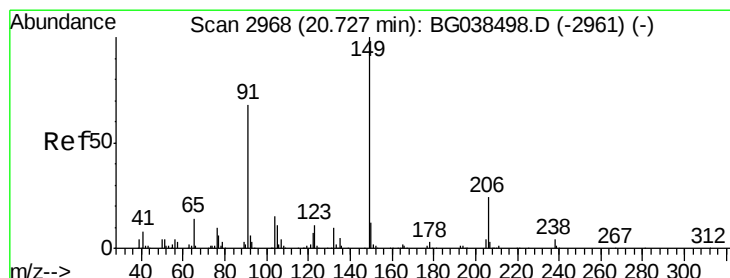
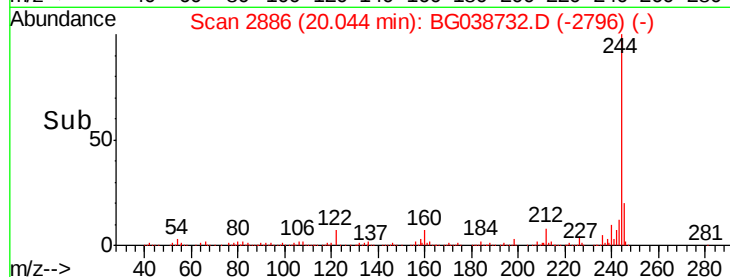
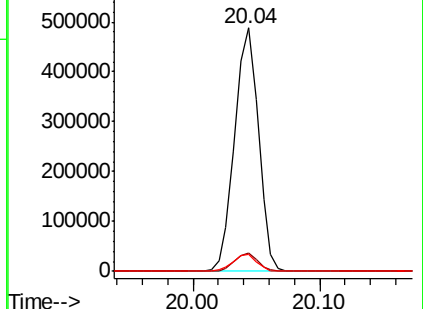
122 6.8 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.711 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

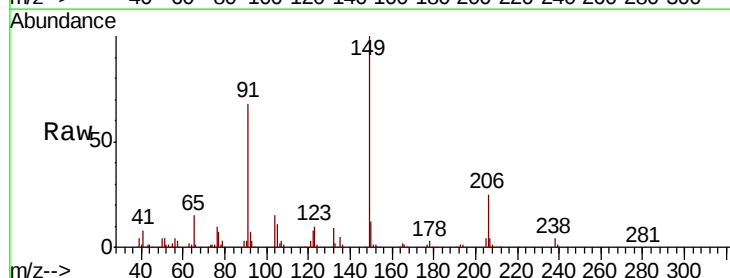
Tgt Ion:149 Resp: 174013

Ion Ratio Lower Upper

149 100

91 68.4 54.5 81.7

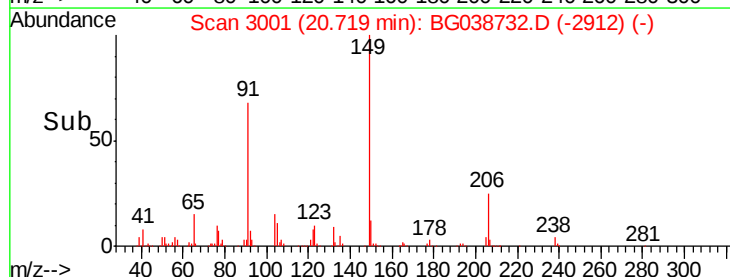
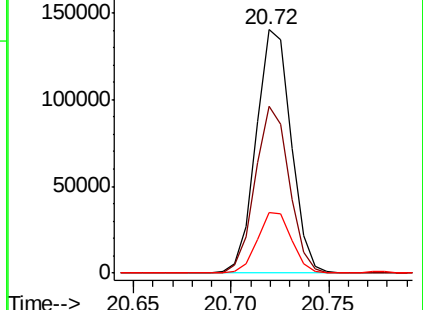
206 24.9 19.0 28.6

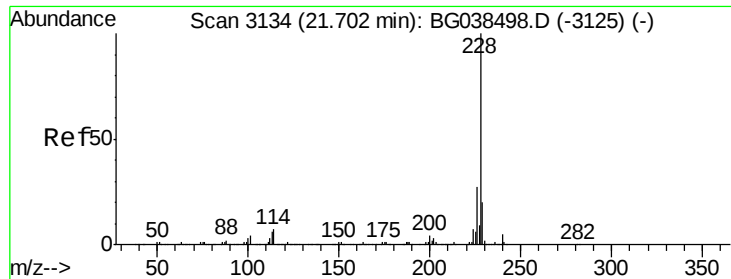


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.186 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PB115792BS

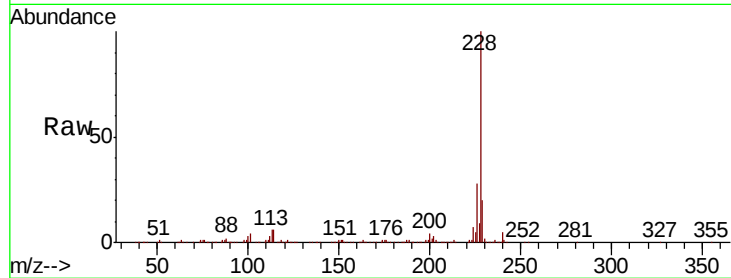
Tgt Ion:228 Resp: 445056

Ion Ratio Lower Upper

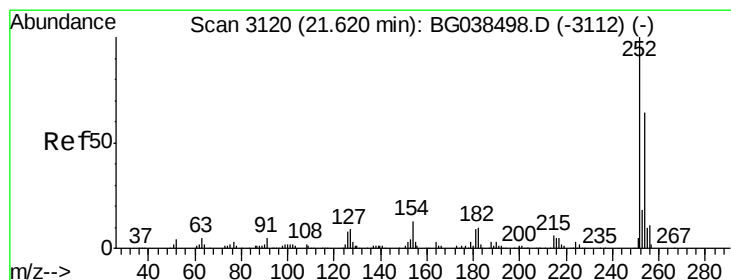
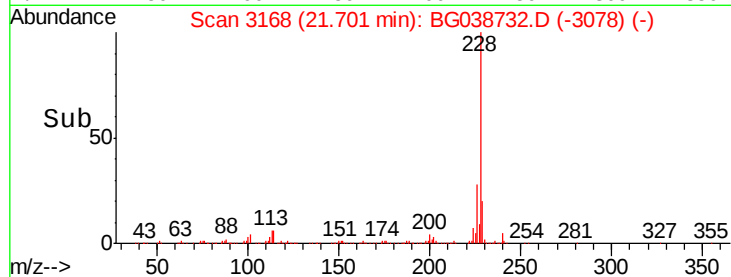
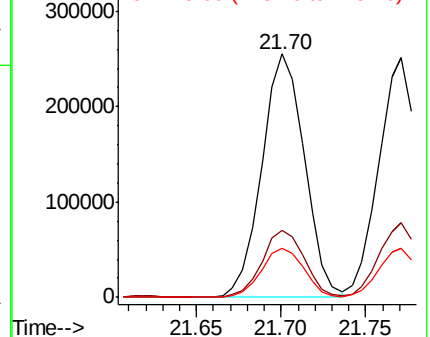
228 100

226 27.5 21.8 32.8

229 19.9 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.824 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

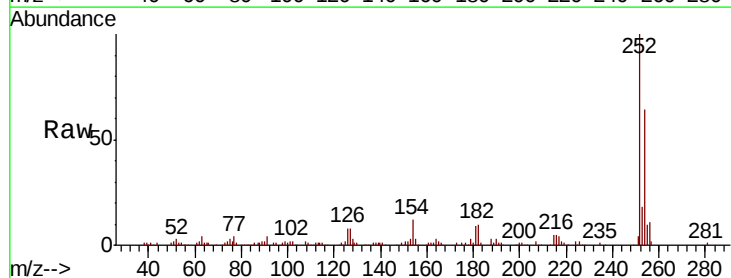
Tgt Ion:252 Resp: 120409

Ion Ratio Lower Upper

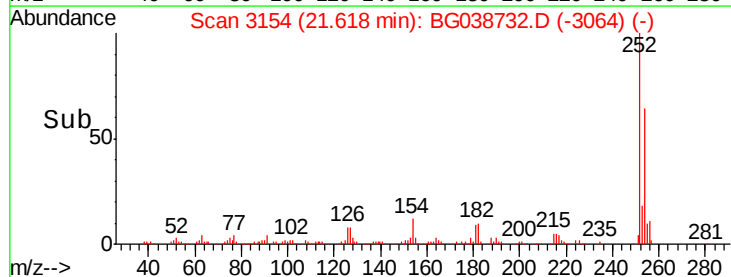
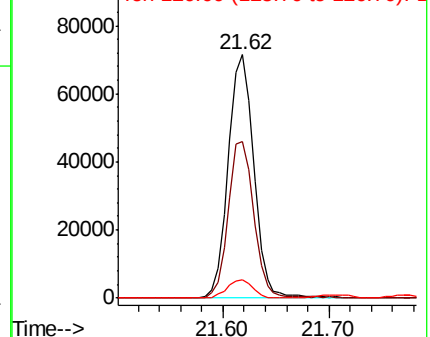
252 100

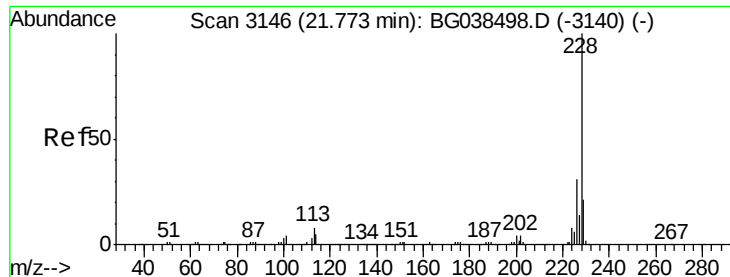
254 64.1 50.9 76.3

126 7.7 6.3 9.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.585 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PB115792BS

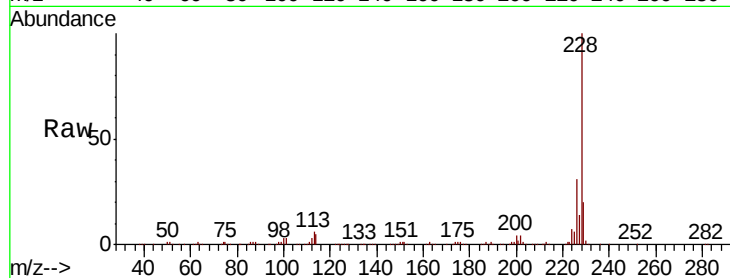
Tgt Ion:228 Resp: 413488

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.4

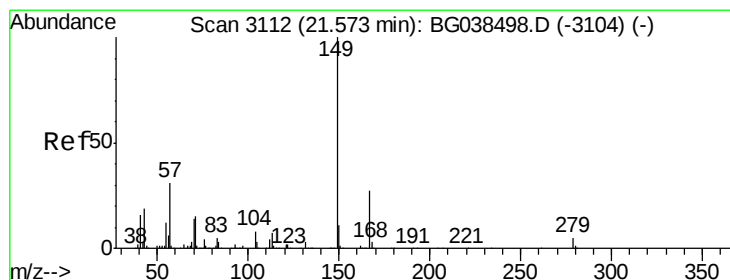
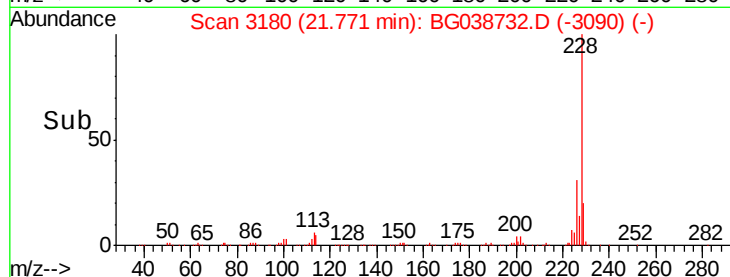
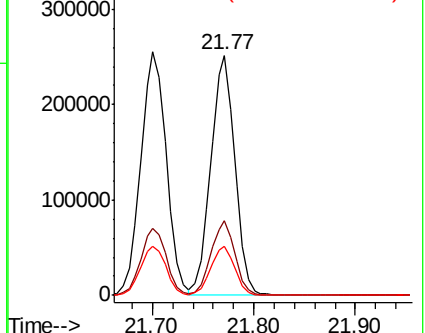
229 20.2 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.974 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

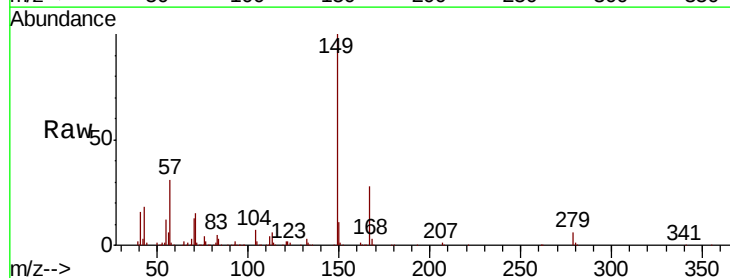
Tgt Ion:149 Resp: 242437

Ion Ratio Lower Upper

149 100

167 28.5 21.9 32.9

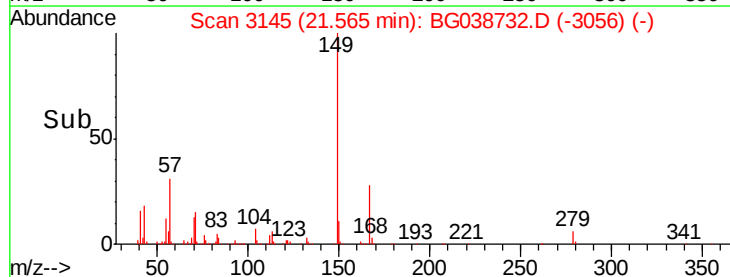
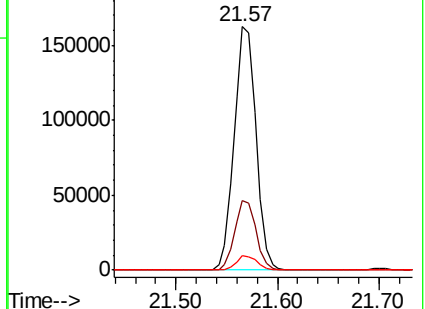
279 6.1 4.2 6.2

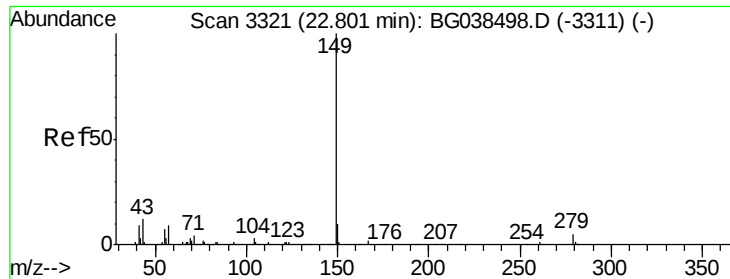


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

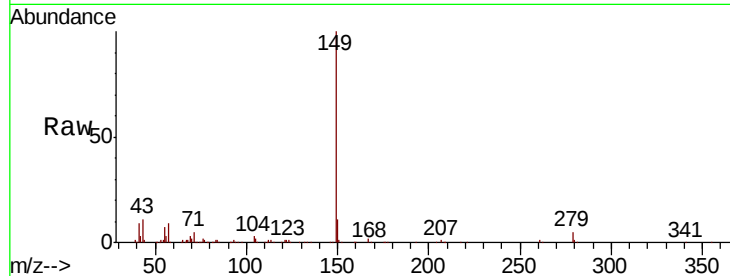




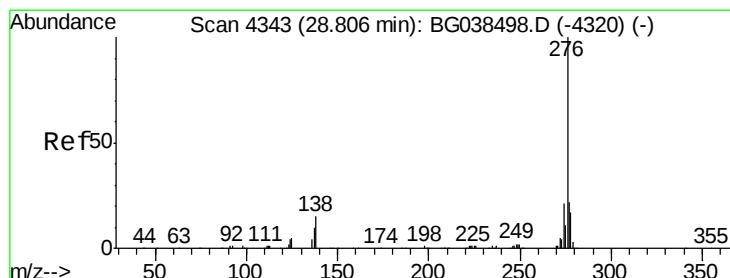
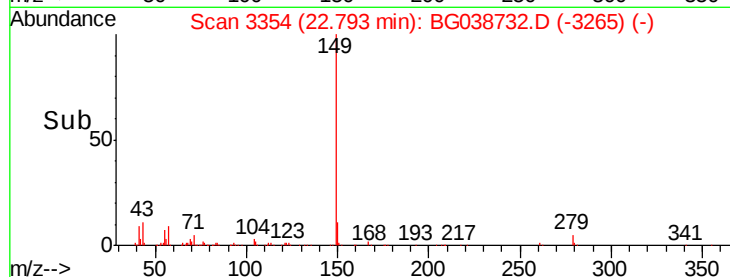
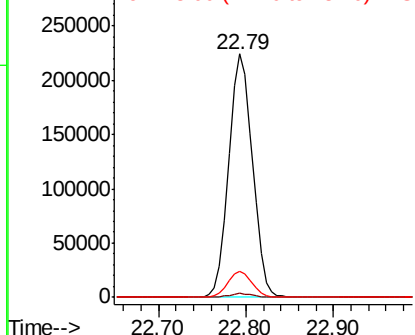
#85
Di-n-octyl phthalate
Concen: 41.768 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tgt Ion:149 Resp: 413894
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.8 9.3 13.9

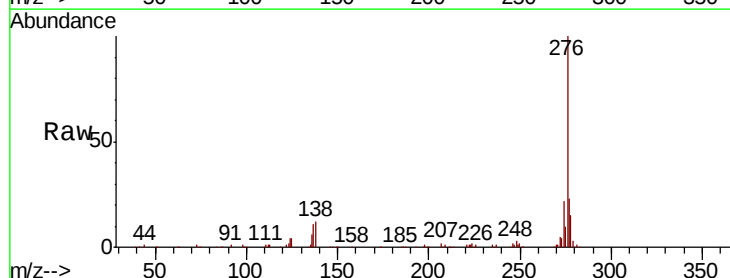


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

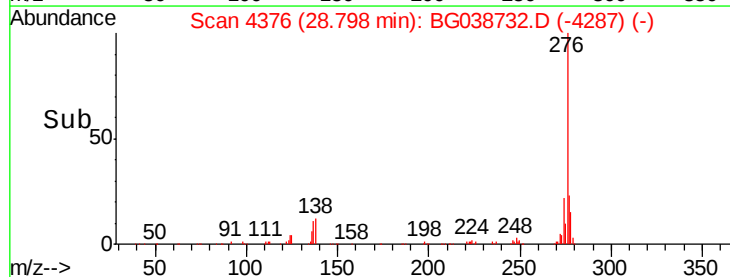
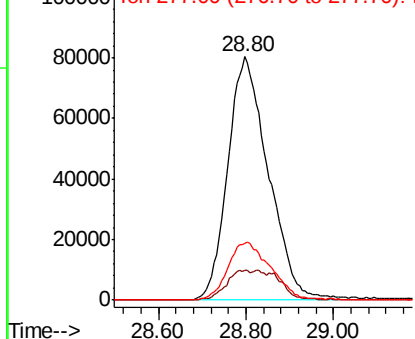


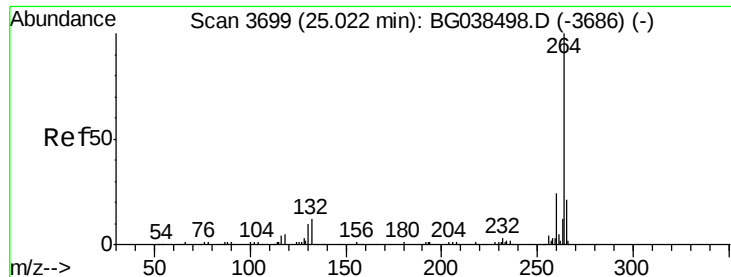
#86
Indeno(1,2,3-cd)pyrene
Concen: 45.403 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion:276 Resp: 506402
Ion Ratio Lower Upper
276 100
138 7.2 14.4 21.6#
277 25.0 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PB115792BS

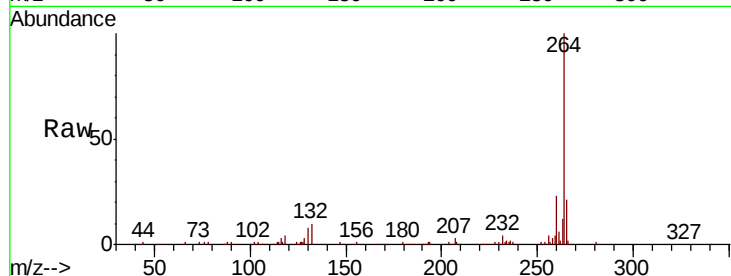
Tgt Ion:264 Resp: 172747

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

265 21.4 17.0 25.4

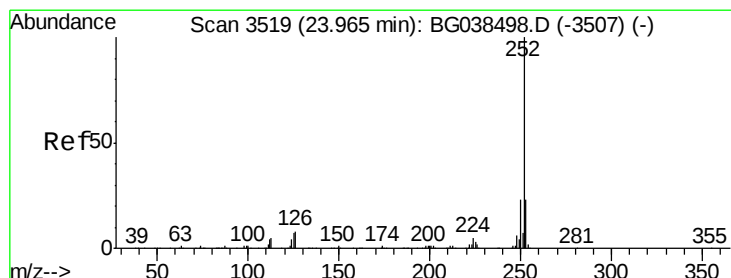
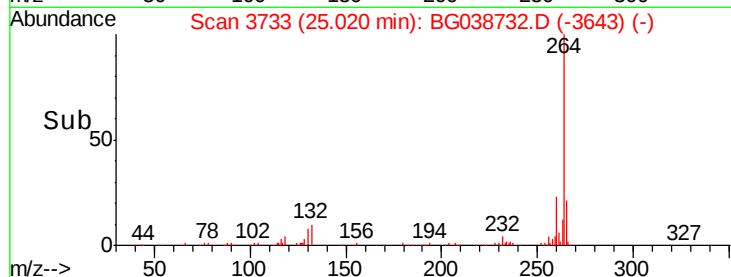
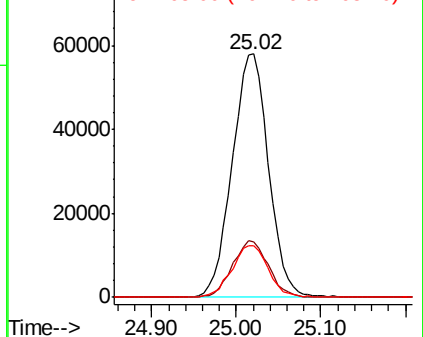


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.295 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

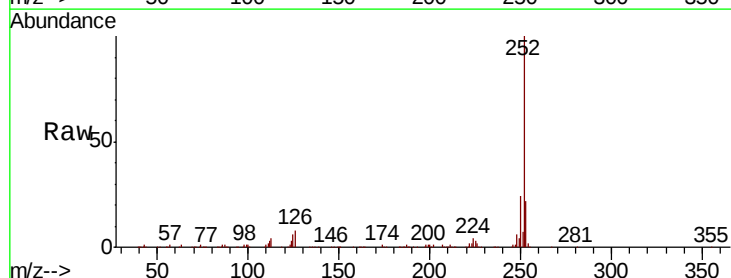
Tgt Ion:252 Resp: 448571

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

125 6.4 5.5 8.3

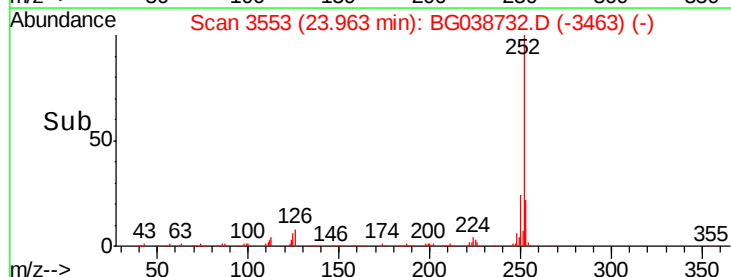
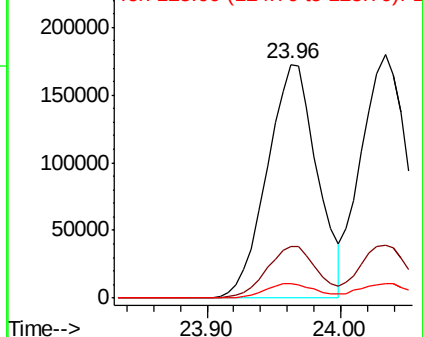


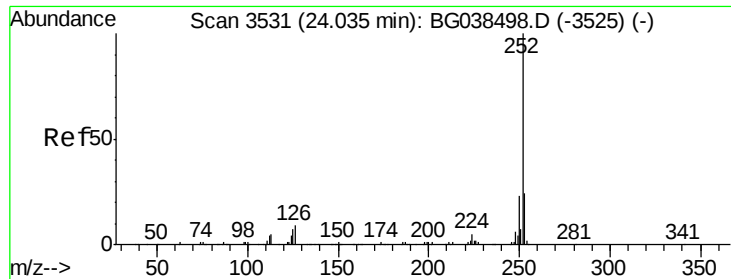
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

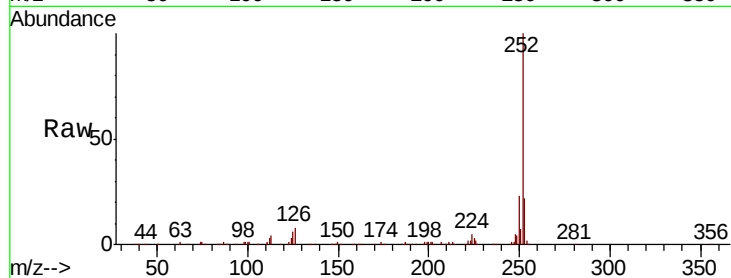




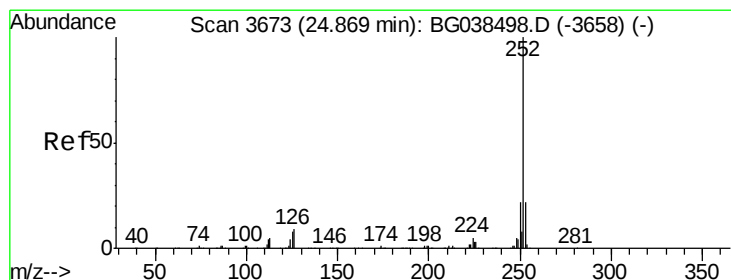
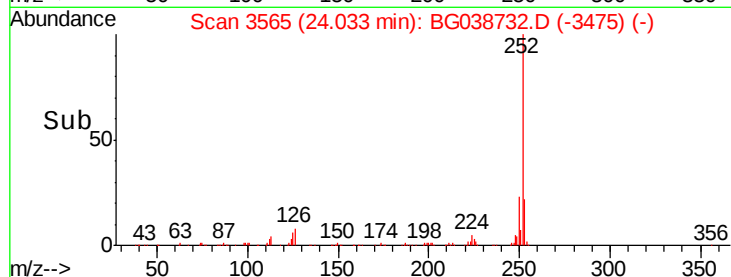
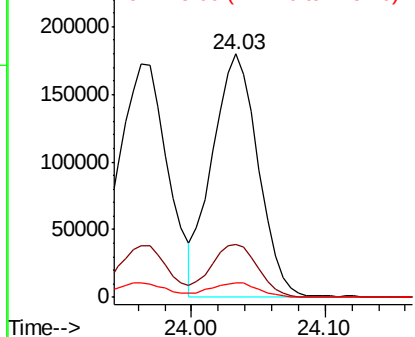
#89
Benzo(k)fluoranthene
Concen: 45.538 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tgt Ion:252 Resp: 430084
Ion Ratio Lower Upper
252 100
253 21.8 18.9 28.3
125 6.1 5.4 8.2

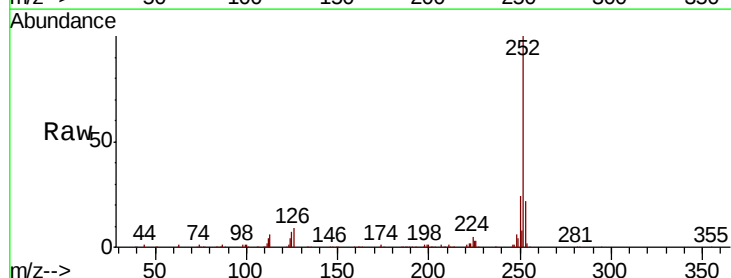


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

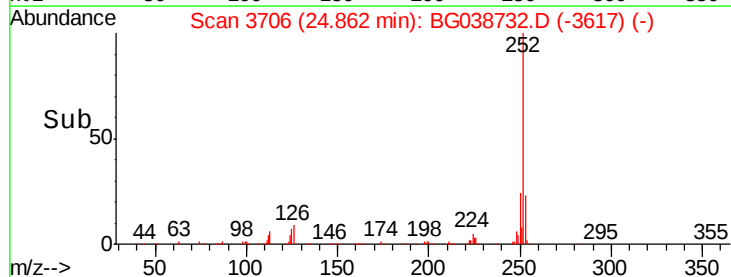
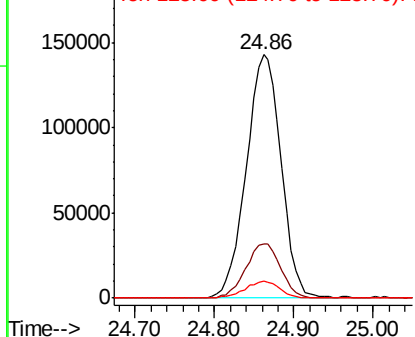


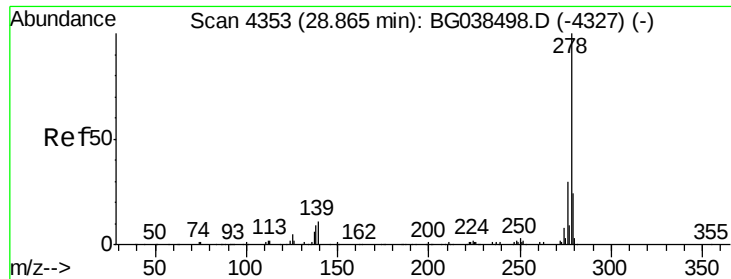
#90
Benzo(a)pyrene
Concen: 47.521 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion:252 Resp: 434823
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 7.1 6.4 9.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.124 ng

RT: 28.86 min Scan# 4387

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PB115792BS

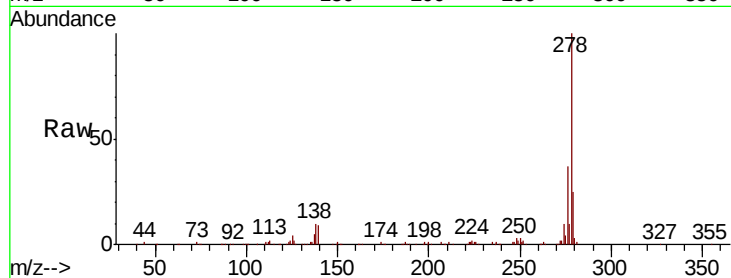
Tgt Ion:278 Resp: 420216

Ion Ratio Lower Upper

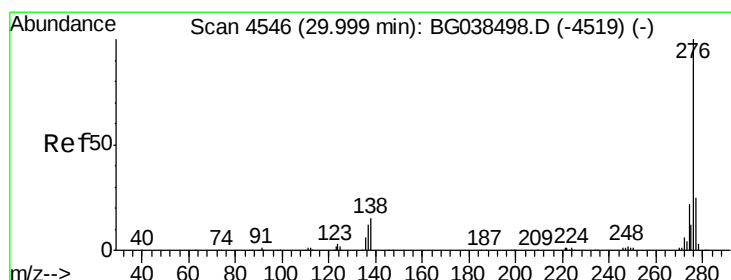
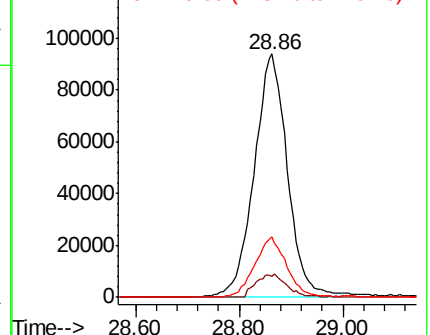
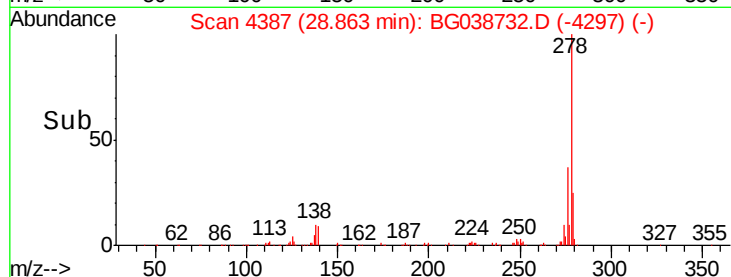
278 100

139 8.8 8.6 12.8

279 24.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.526 ng

RT: 29.99 min Scan# 4579

Delta R.T. -0.01 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

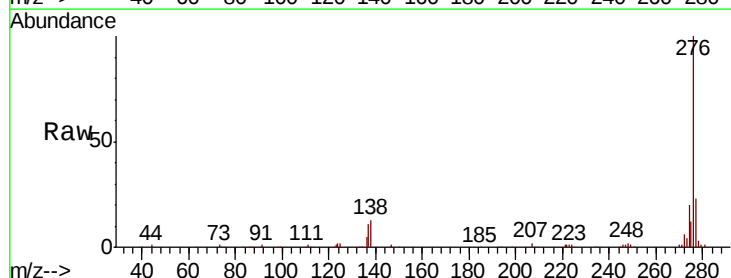
Tgt Ion:276 Resp: 417734

Ion Ratio Lower Upper

276 100

277 23.2 19.8 29.8

138 13.4 11.8 17.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

