

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
 Data File : BG042512.D
 Acq On : 27 Aug 2019 20:08
 Operator : HP/JU
 Sample : K4551-20MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 28 01:28:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33099	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	125286	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	98204	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	255892	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	307695	20.00	ng	-0.01
87) Perylene-d12	24.93	264	371445	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	179788	110.01	ng	0.00
7) Phenol-d6	7.16	99	243721	110.40	ng	-0.01
23) Nitrobenzene-d5	9.16	82	135887	74.95	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	158729	113.72	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	386528	66.57	ng	0.00
79) Terphenyl-d14	20.02	244	876972	61.62	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	20633	30.253	ng	99
3) Pyridine	3.82	79	47291	27.041	ng	100
4) n-Nitrosodimethylamine	3.74	42	21074	33.738	ng	98
6) Aniline	7.31	93	77835	26.435	ng	98
8) 2-Chlorophenol	7.57	128	73962	37.343	ng	98
9) Benzaldehyde	7.13	77	45315	41.002	ng	95
10) Phenol	7.19	94	94494	42.100	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	61292	34.771	ng	98
12) 1,3-Dichlorobenzene	7.89	146	85708	34.016	ng	98
13) 1,4-Dichlorobenzene	8.03	146	87749	34.382	ng	100
14) 1,2-Dichlorobenzene	8.35	146	83877	34.318	ng	97
15) Benzyl Alcohol	8.24	79	54463	34.292	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	78315	32.779	ng	98
17) 2-Methylphenol	8.45	107	60764	36.755	ng	96
18) Hexachloroethane	9.09	117	29155	33.369	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	48868	34.169	ng	99
20) 3+4-Methylphenols	8.78	107	83341	36.431	ng	98
22) Acetophenone	8.82	105	107584	40.149	ng	# 97
24) Nitrobenzene	9.21	77	70492	38.396	ng	98
25) Isophorone	9.73	82	138807	38.794	ng	99
26) 2-Nitrophenol	9.93	139	47963	41.688	ng	97
27) 2,4-Dimethylphenol	9.99	122	72521	45.759	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	85684	37.995	ng	100
29) 2,4-Dichlorophenol	10.48	162	89780	43.298	ng	97
30) 1,2,4-Trichlorobenzene	10.68	180	94049	36.953	ng	95
31) Naphthalene	10.87	128	225822	38.823	ng	98
32) Benzoic acid	9.99	122	72521	60.490	ng	# 16
33) 4-Chloroaniline	10.98	127	74819	27.864	ng	98
34) Hexachlorobutadiene	11.16	225	62134	36.325	ng	99
35) Caprolactam	11.76	113	28112	40.631	ng	96
36) 4-Chloro-3-methylphenol	12.11	107	83723	42.534	ng	98
37) 2-Methylnaphthalene	12.48	142	185664	39.752	ng	99
38) 1-Methylnaphthalene	12.70	142	175623	39.587	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	122003	38.686	ng	100

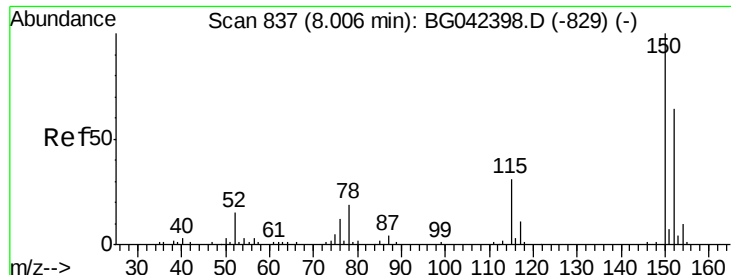
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
 Data File : BG042512.D
 Acq On : 27 Aug 2019 20:08
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	125167	75.557	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	84959	39.855	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	90436	40.939	ng	96
46) 1,1'-Biphenyl	13.49	154	250253	39.422	ng	98
47) 2-Chloronaphthalene	13.53	162	203899	37.251	ng	98
48) 2-Nitroaniline	13.73	65	49364	37.399	ng	98
49) Acenaphthylene	14.38	152	335885	40.788	ng	98
50) Dimethylphthalate	14.11	163	322187	45.470	ng	100
51) 2,6-Dinitrotoluene	14.23	165	66679	40.598	ng	96
52) Acenaphthene	14.72	154	194212	38.839	ng	100
53) 3-Nitroaniline	14.56	138	48716	29.658	ng	93
54) 2,4-Dinitrophenol	14.78	184	33106	33.823	ng	95
55) Dibenzofuran	15.06	168	339024	40.960	ng	99
56) 4-Nitrophenol	14.88	139	106846	91.542	ng	99
57) 2,4-Dinitrotoluene	15.02	165	100581	42.765	ng	98
58) Fluorene	15.70	166	278430	41.151	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.21	232	89048	40.762	ng	99
60) Diethylphthalate	15.47	149	288609	41.666	ng	100
61) 4-Chlorophenyl-phenylether	15.70	204	161079	39.493	ng	98
62) 4-Nitroaniline	15.73	138	76030	43.249	ng	96
63) Azobenzene	15.99	77	194633	41.007	ng	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	50289	31.346	ng	97
66) n-Nitrosodiphenylamine	15.91	169	266920	37.930	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	116447	35.876	ng	97
68) Hexachlorobenzene	16.72	284	123767	35.077	ng	95
69) Atrazine	16.86	200	110748	44.503	ng	97
70) Pentachlorophenol	17.07	266	112706	61.476	ng	98
71) Phenanthrene	17.45	178	511379	40.232	ng	98
72) Anthracene	17.54	178	524294	41.319	ng	99
73) Carbazole	17.81	167	487790	43.133	ng	99
74) Di-n-butylphthalate	18.37	149	582895	43.603	ng	100
75) Fluoranthene	19.46	202	725874	46.793	ng	98
77) Benzidine	19.64	184	355946	40.349	ng	99
78) Pyrene	19.82	202	738396	39.142	ng	98
80) Butylbenzylphthalate	20.70	149	282858	38.122	ng	98
81) Benzo(a)anthracene	21.67	228	745309	39.818	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	212877	28.278	ng	98
83) Chrysene	21.73	228	720525	39.915	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	413549	40.142	ng	98
85) Di-n-octyl phthalate	22.78	149	714416	40.320	ng	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	968663	39.486	ng	# 96
88) Benzo(b)fluoranthene	23.90	252	814413	39.882	ng	99
89) Benzo(k)fluoranthene	23.97	252	815189	41.531	ng	99
90) Benzo(a)pyrene	24.78	252	810153	41.809	ng	99
91) Dibenzo(a,h)anthracene	28.69	278	800766	40.814	ng	99
92) Benzo(g,h,i)perylene	29.79	276	807845	41.169	ng	99

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

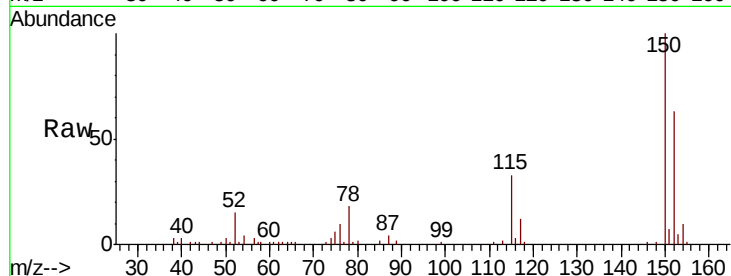


#1

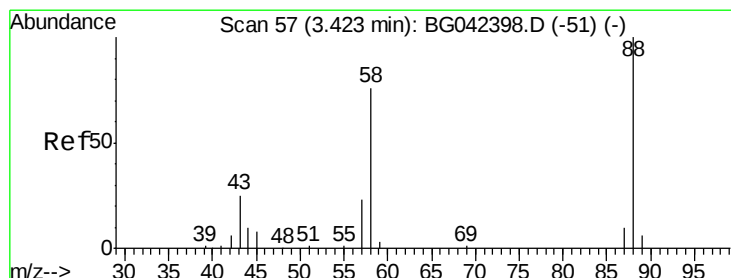
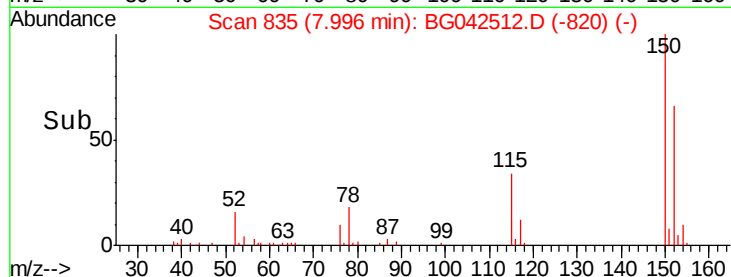
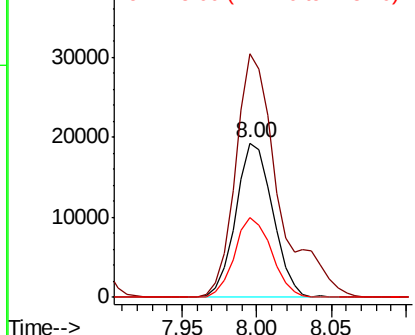
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33099
Ion Ratio Lower Upper
152 100
150 157.8 125.4 188.0
115 51.3 38.5 57.7



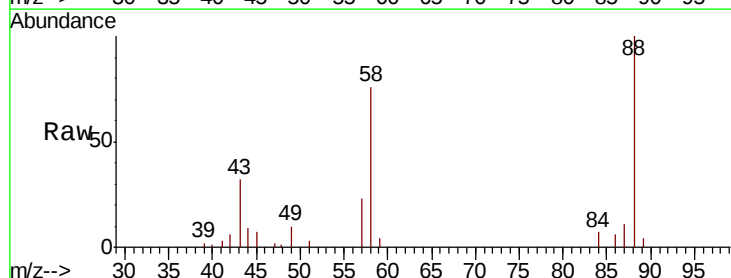
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



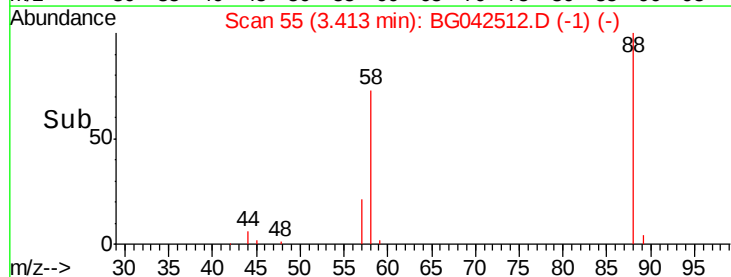
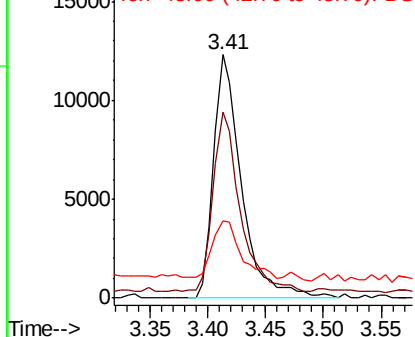
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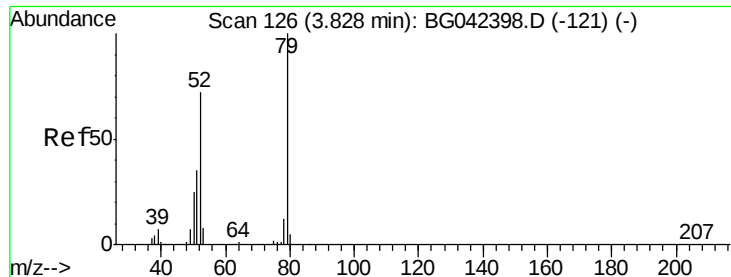
1,4-Dioxane
Concen: 30.253 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion: 88 Resp: 20633
Ion Ratio Lower Upper
88 100
58 72.5 58.3 87.5
43 23.5 20.2 30.2



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

Pvridine

Concen: 27.041 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

ClientSampled :

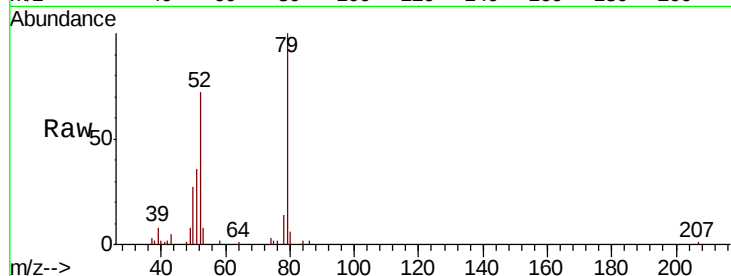
Tot Ion: 79 Resp: 47291

Ion Ratio Lower Upper

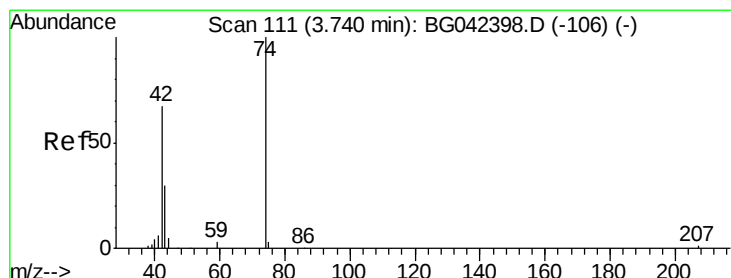
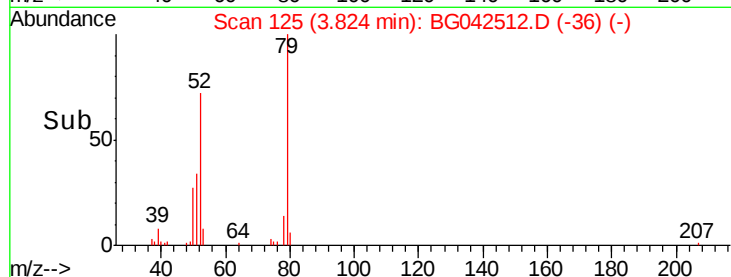
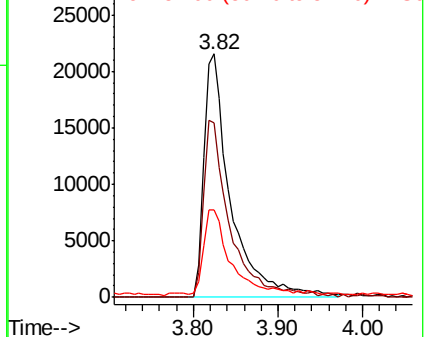
79 100

52 71.9 57.7 86.5

51 36.1 28.8 43.2



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: 33.738 ng

RT: 3.74 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

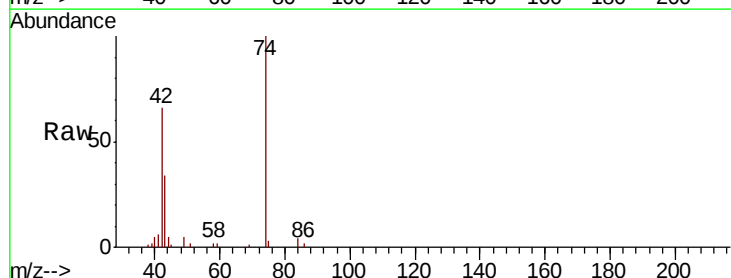
Tgt Ion: 42 Resp: 21074

Ion Ratio Lower Upper

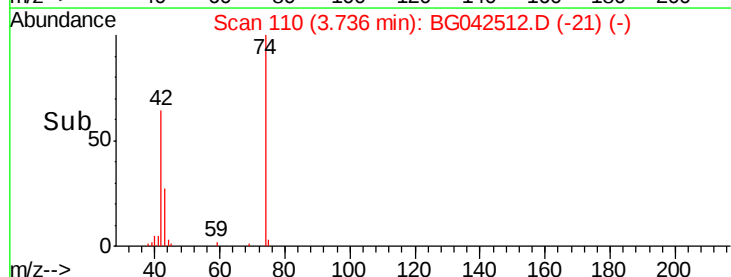
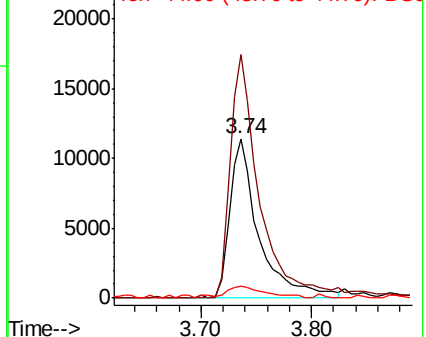
42 100

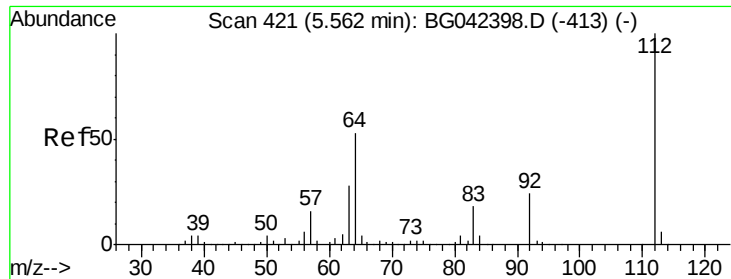
74 152.6 119.6 179.4

44 7.7 6.5 9.7



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: 110.010 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

ClientSampled :

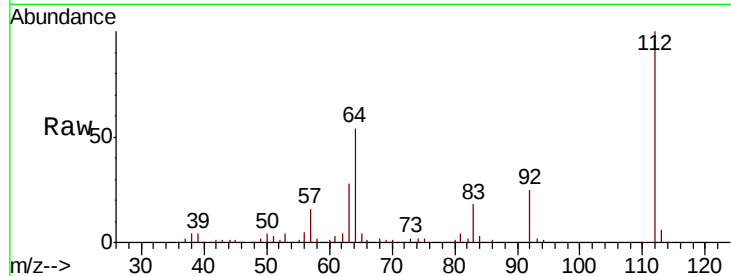
Tot Ion:112 Resp: 179788

Ion Ratio Lower Upper

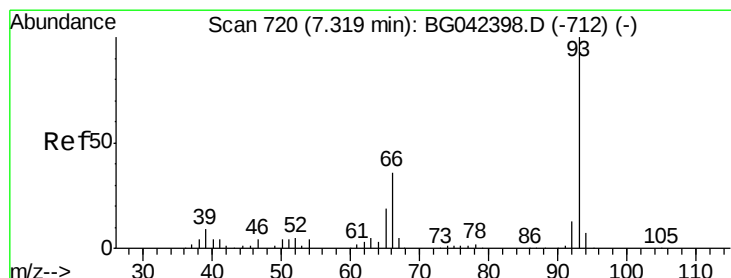
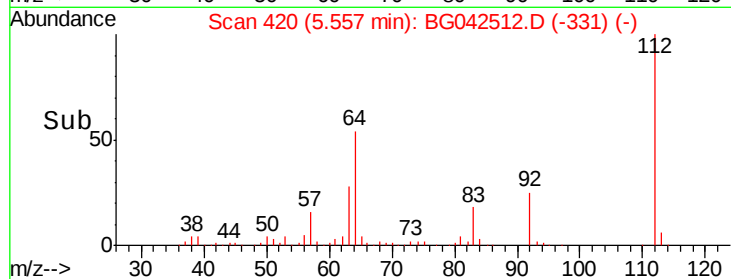
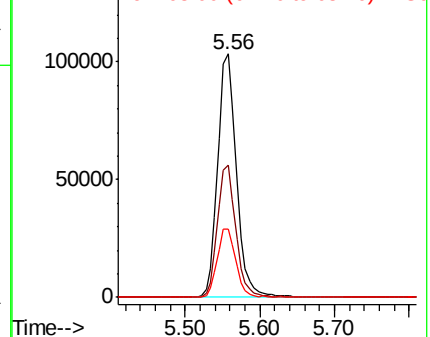
112 100

64 54.2 42.8 64.2

63 28.0 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.435 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

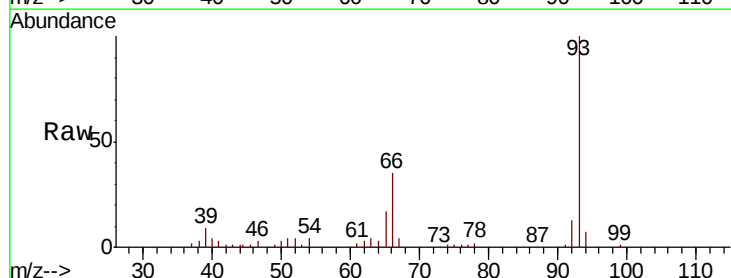
Tgt Ion: 93 Resp: 77835

Ion Ratio Lower Upper

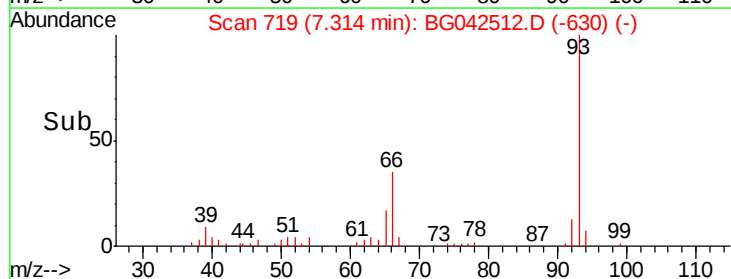
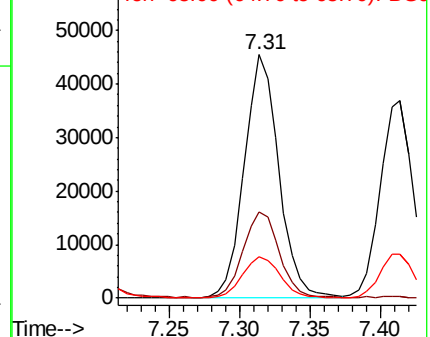
93 100

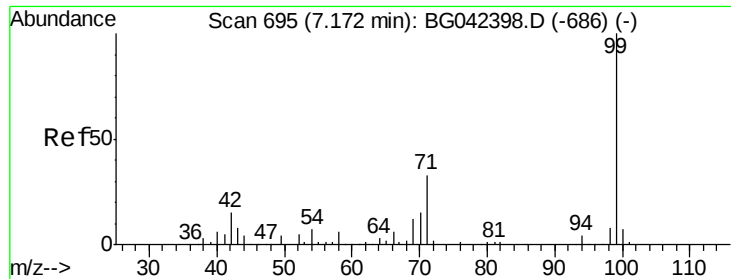
66 35.4 29.0 43.6

65 17.1 15.2 22.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.404 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

ClientSampleId :

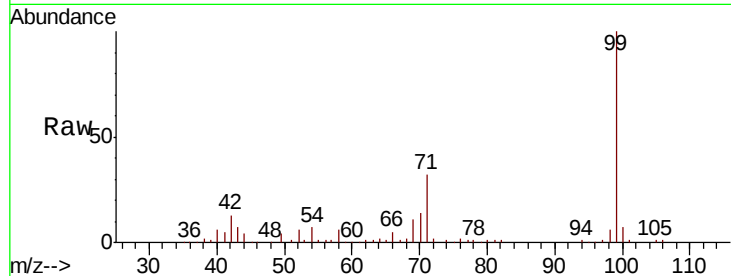
Tot Ion: 99 Resp: 243721

Ion Ratio Lower Upper

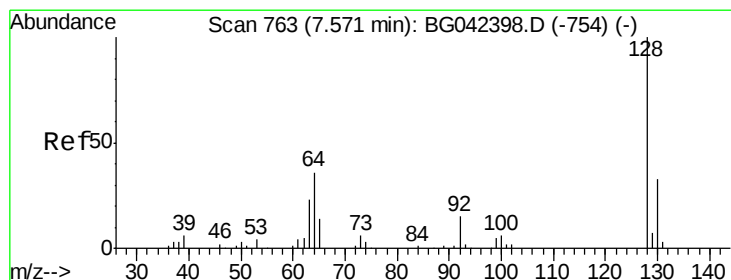
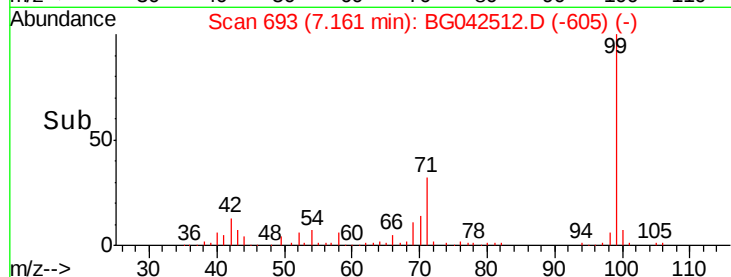
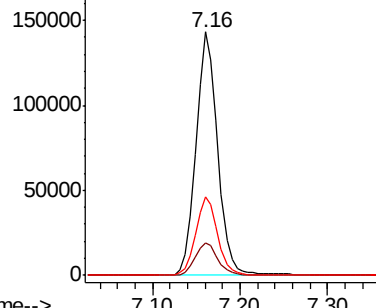
99 100

42 13.4 12.0 18.0

71 32.3 26.3 39.5



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: 37.343 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

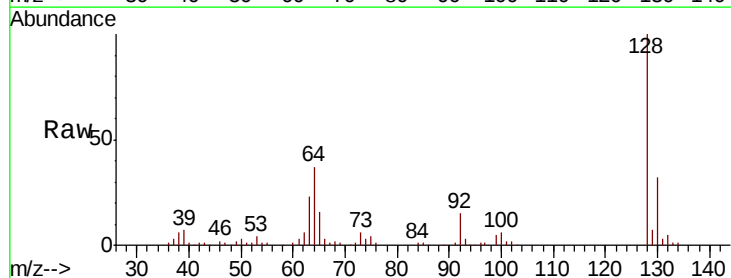
Tgt Ion: 128 Resp: 73962

Ion Ratio Lower Upper

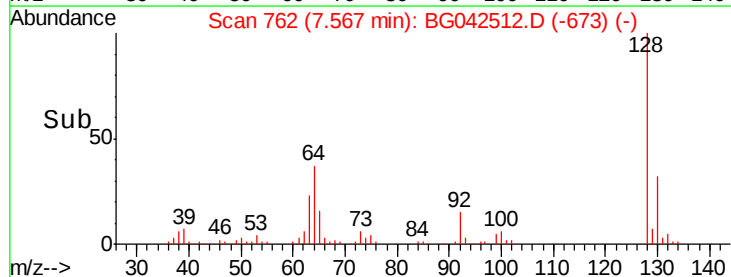
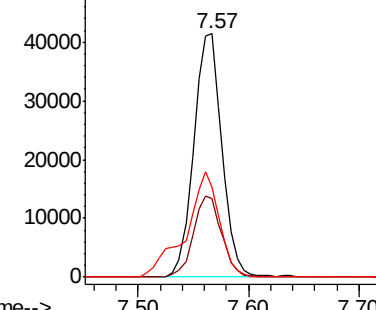
128 100

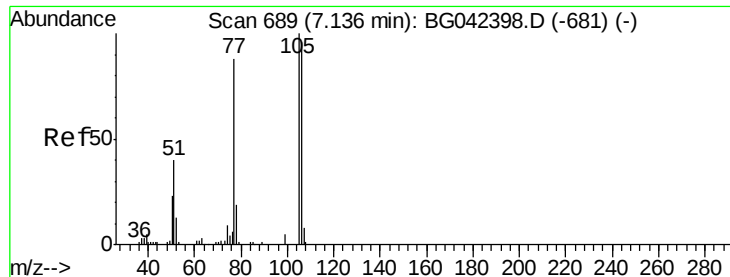
130 32.4 12.8 52.8

64 37.2 19.2 59.2



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





#9

Benzaldehyde

Concen: 41.002 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

ClientSampleId :

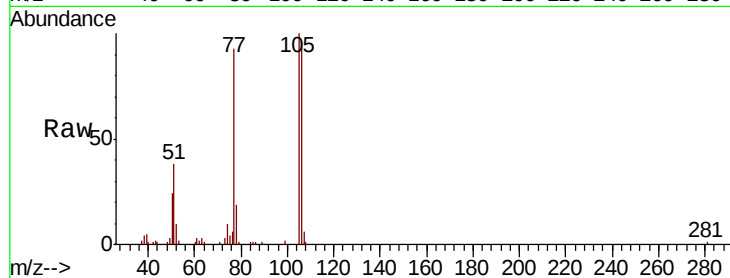
Tot Ion: 77 Resp: 45315

Ion Ratio Lower Upper

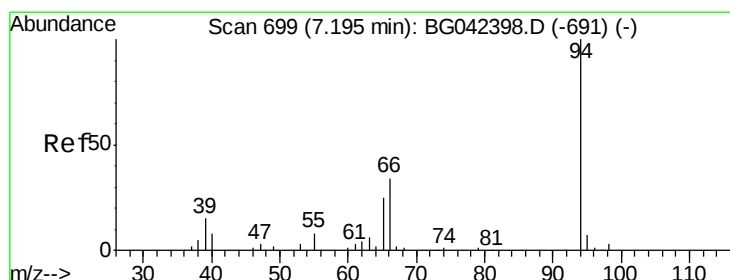
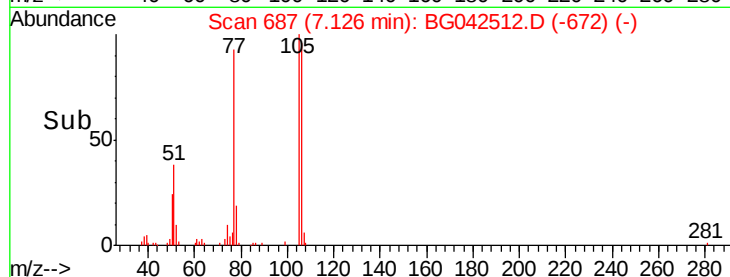
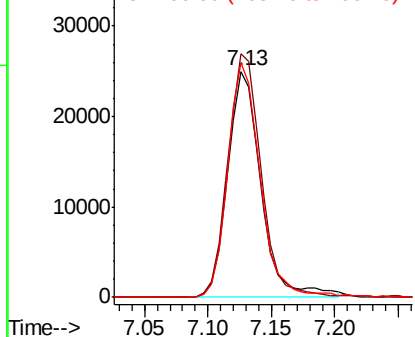
77 100

105 107.6 93.4 133.4

106 103.6 88.4 128.4



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: 42.100 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

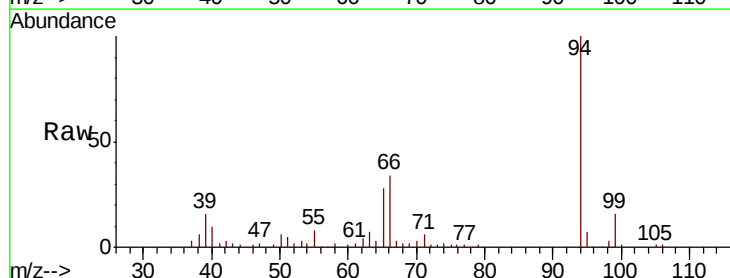
Tgt Ion: 94 Resp: 94494

Ion Ratio Lower Upper

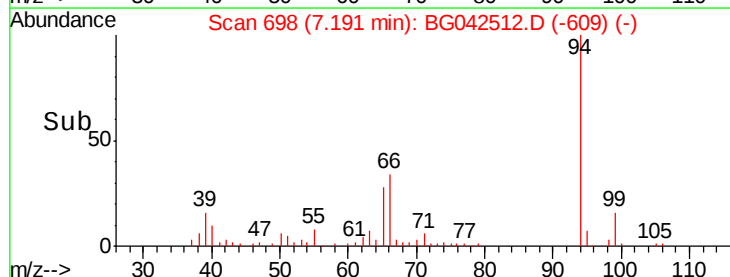
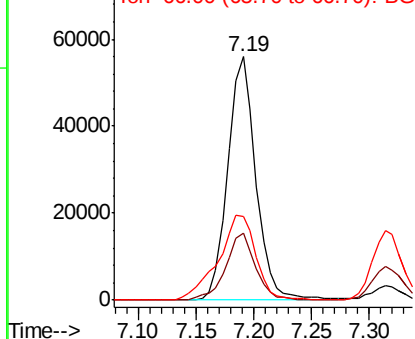
94 100

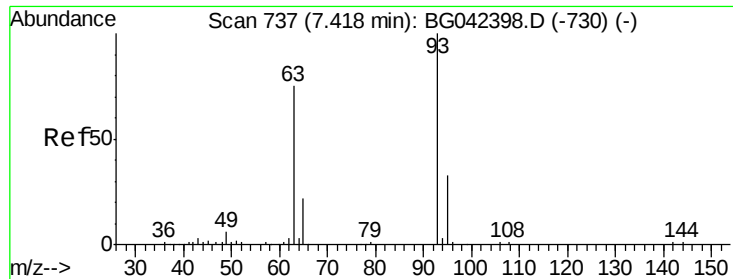
65 27.6 5.6 45.6

66 34.4 16.0 56.0



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: 34.771 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

ClientSampleId :

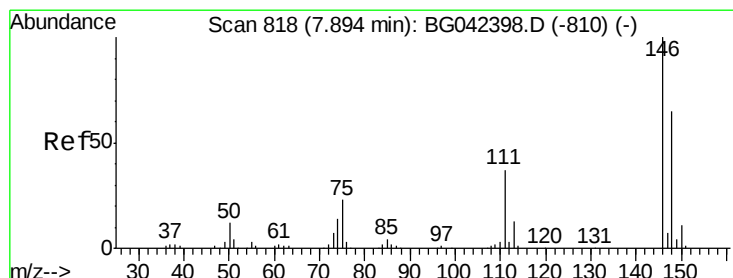
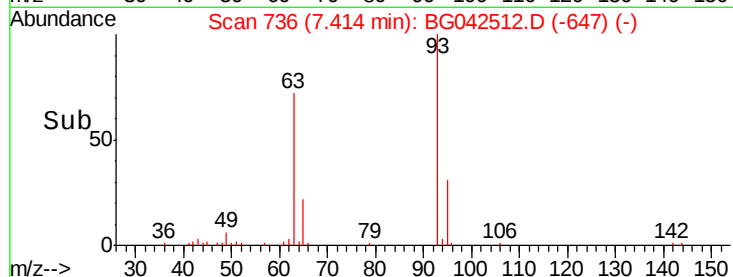
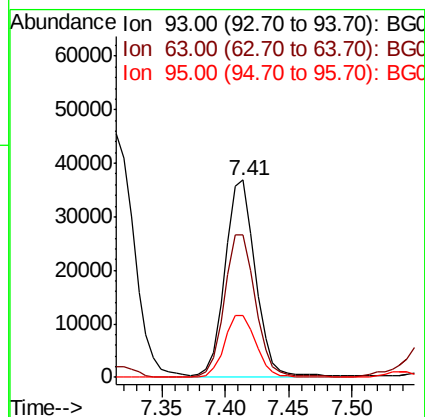
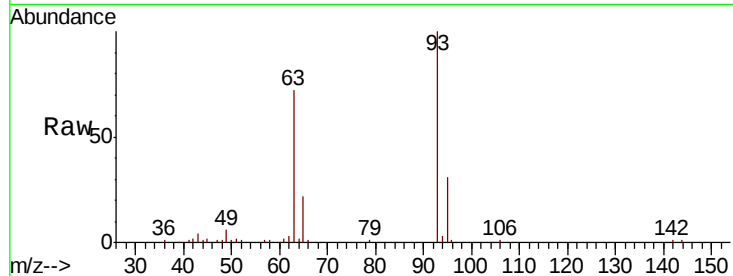
Tot Ion: 93 Resp: 61292

Ion Ratio Lower Upper

93 100

63 72.0 53.8 93.8

95 31.3 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 34.016 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

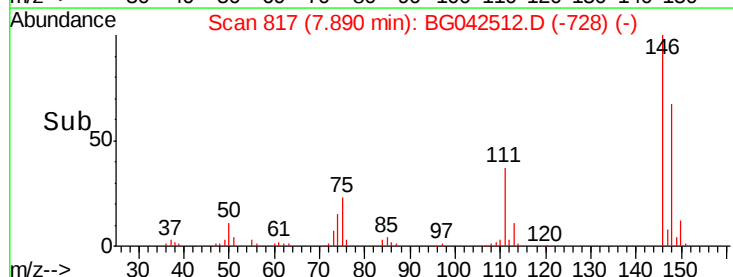
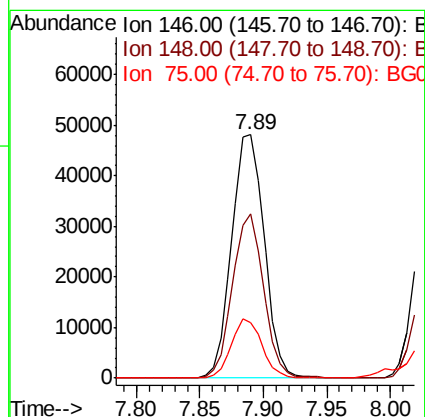
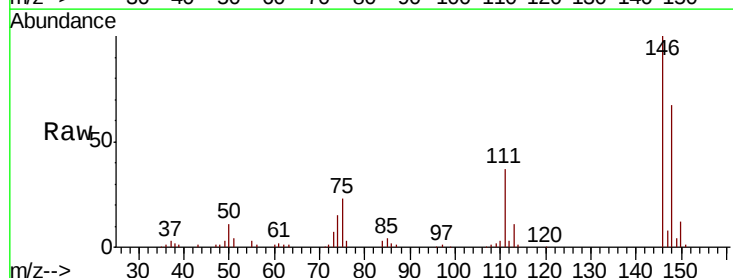
Tgt Ion: 146 Resp: 85708

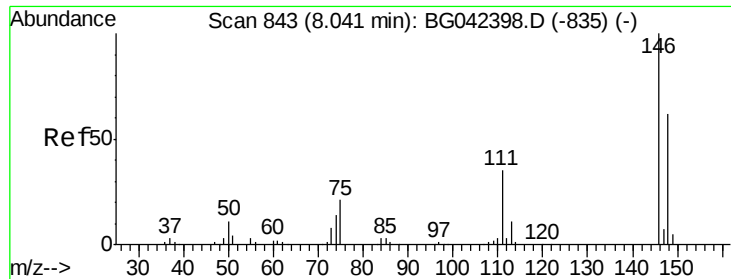
Ion Ratio Lower Upper

146 100

148 67.3 52.2 78.2

75 22.6 18.0 27.0

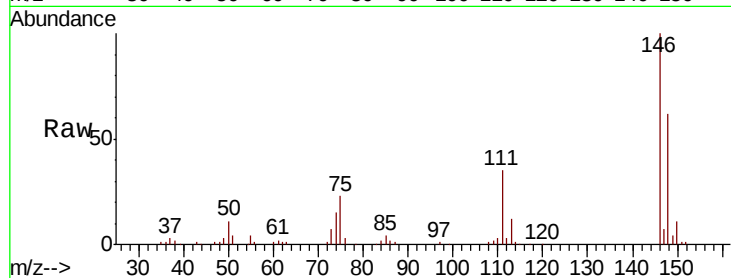




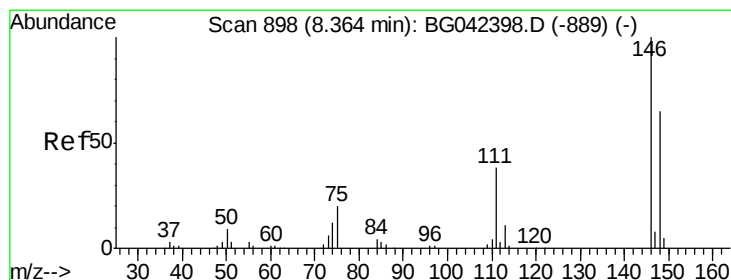
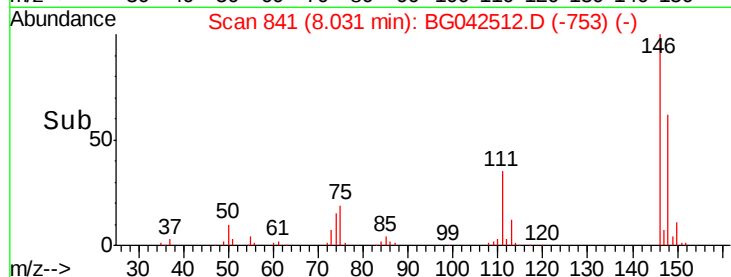
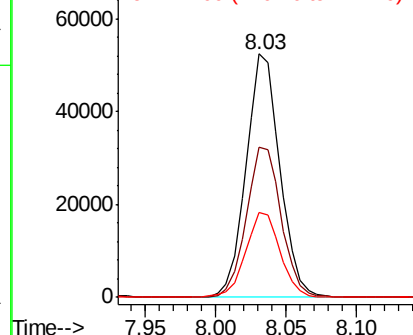
#13
 1,4-Dichlorobenzene
 Concen: 34.382 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 87749
 Ion Ratio Lower Upper
 146 100
 148 61.9 49.5 74.3
 111 34.8 28.1 42.1

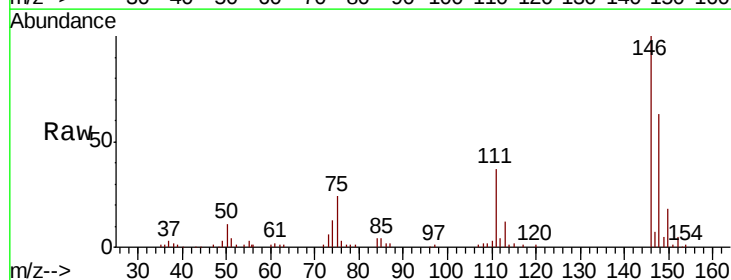


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

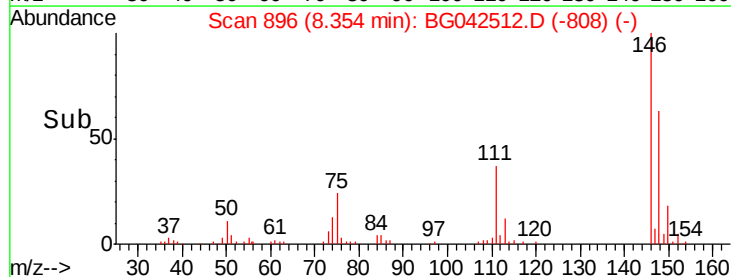
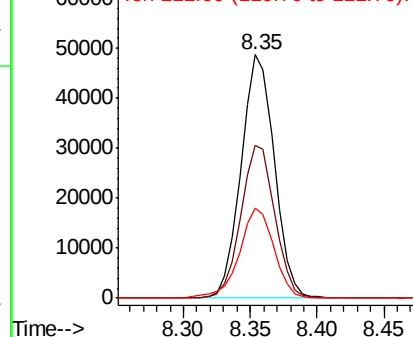


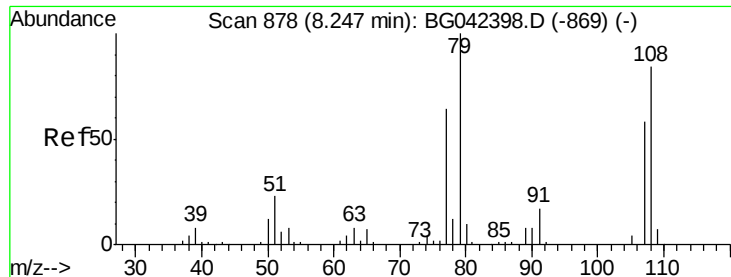
#14
 1,2-Dichlorobenzene
 Concen: 34.318 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion:146 Resp: 83877
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.8 77.6
 111 36.7 30.9 46.3



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: 34.292 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

ClientSampleId :

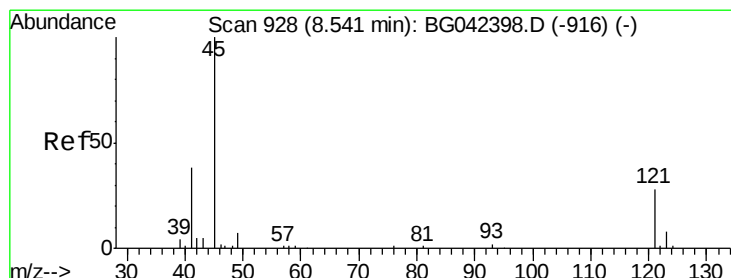
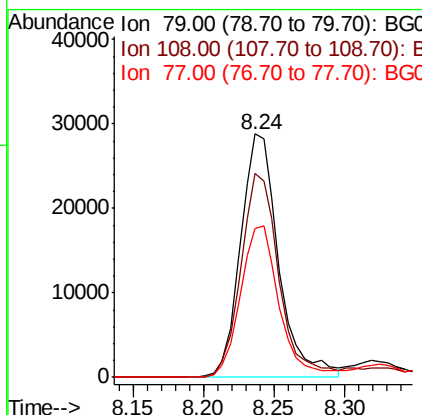
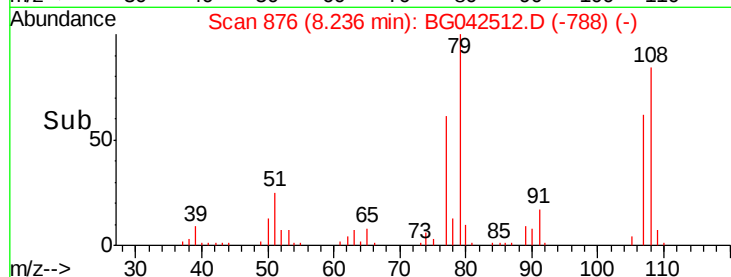
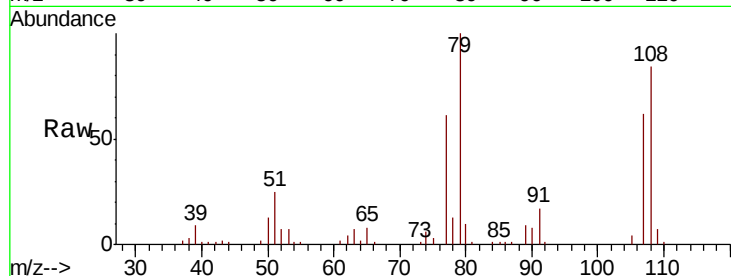
Tot Ion: 79 Resp: 54463

Ion Ratio Lower Upper

79 100

108 83.5 67.4 101.2

77 61.3 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.779 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

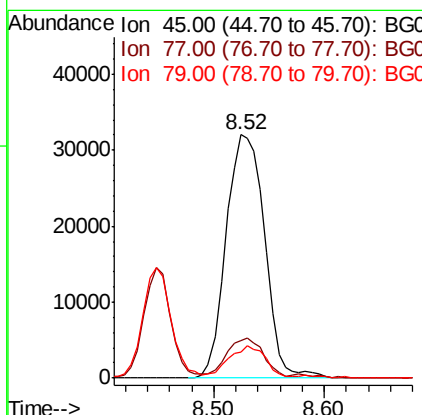
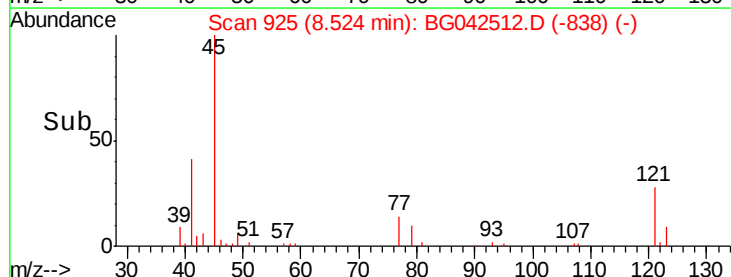
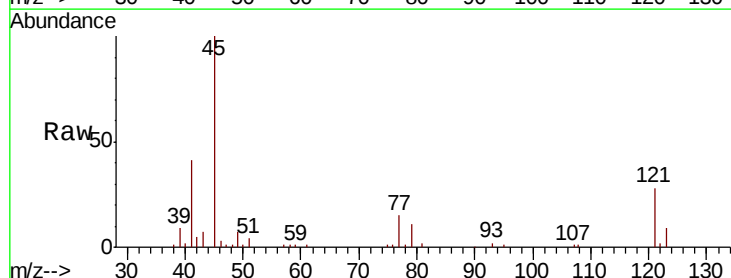
Tgt Ion: 45 Resp: 78315

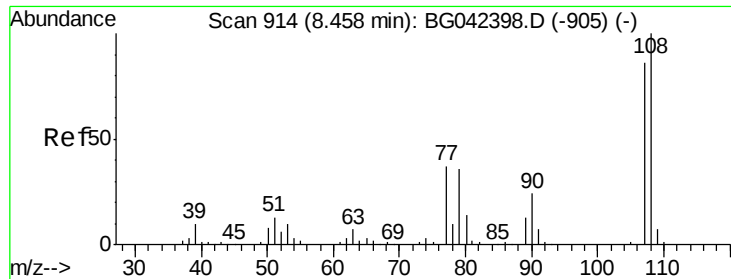
Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.6

79 10.6 0.0 31.6

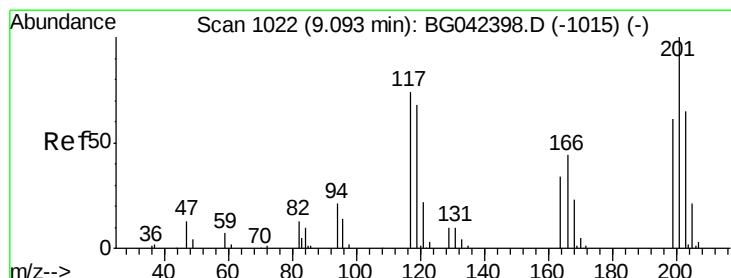
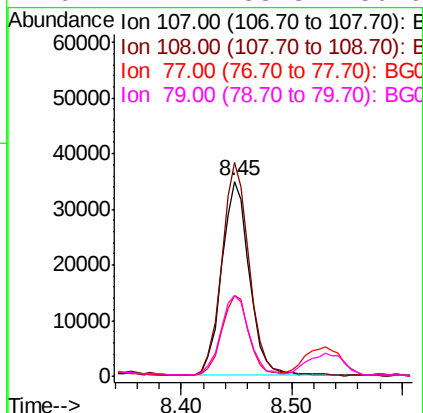
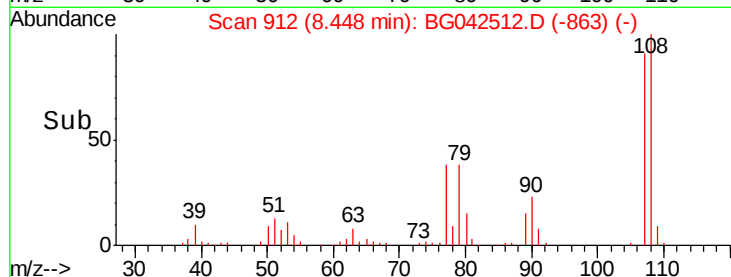
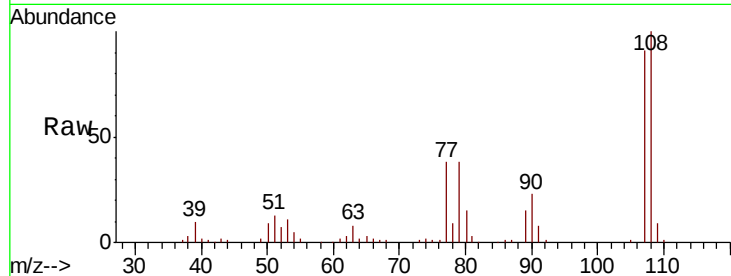




#17
2-Methylphenol
Concen: 36.755 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

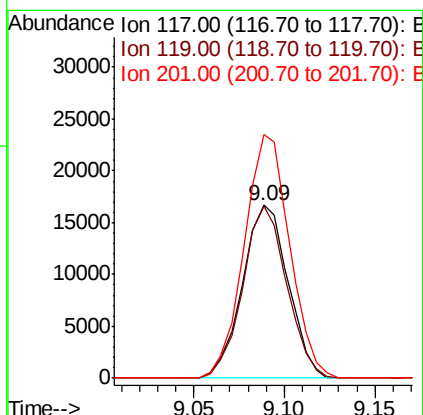
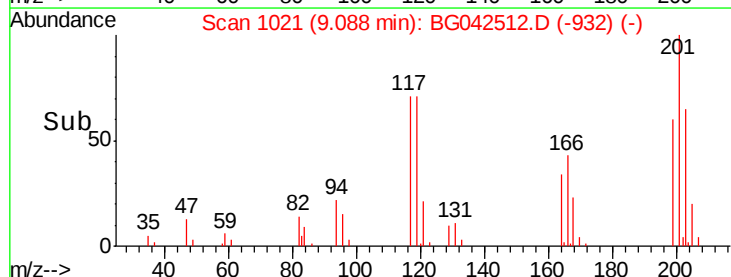
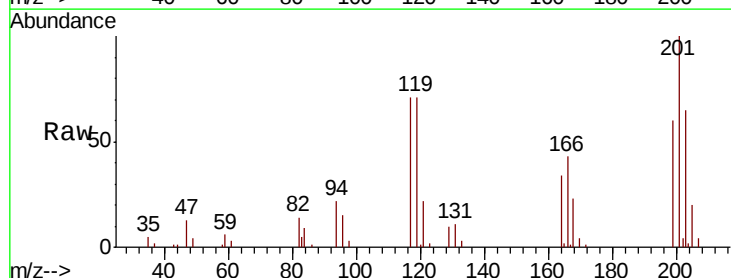
Instrument :
BNA_G
ClientSampled :

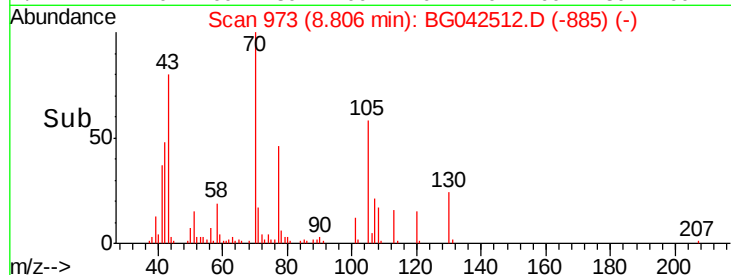
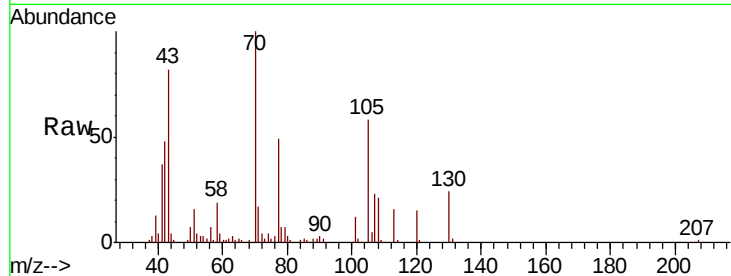
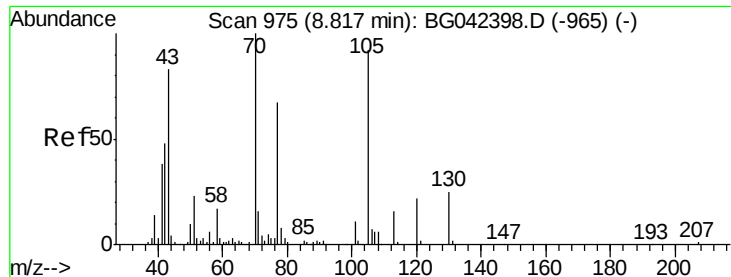
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.6	92.9	139.3
77	41.5	34.4	51.6
79	41.7	33.8	50.6



#18
Hexachloroethane
Concen: 33.369 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.6	73.8	110.8
201	141.1	108.3	162.5

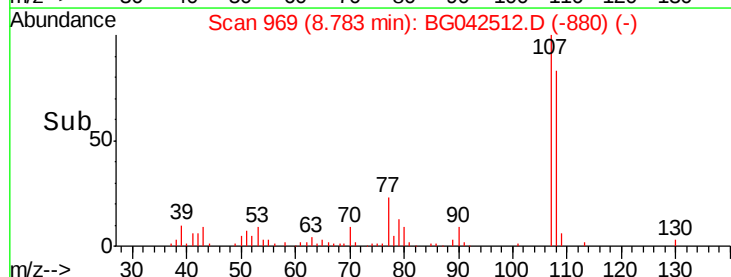
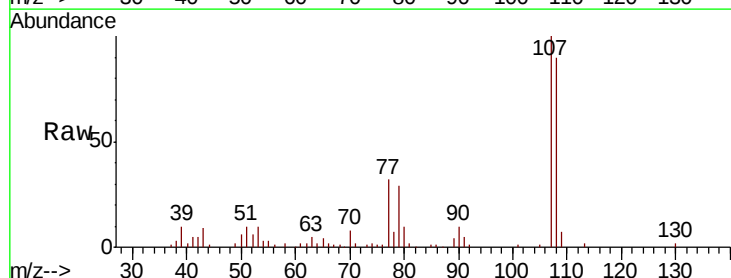
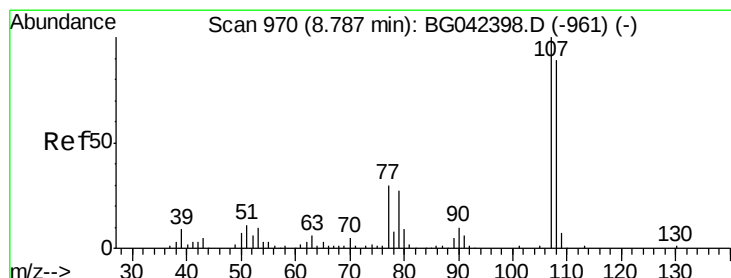
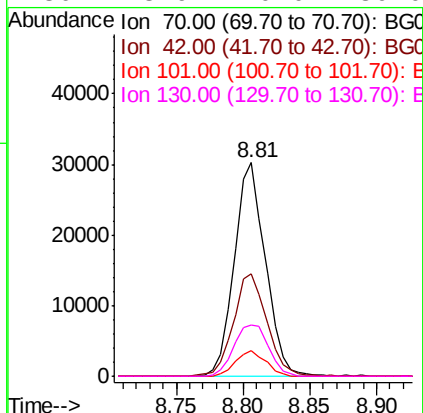




#19
n-Nitroso-di-n-propylamine
Concen: 34.169 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

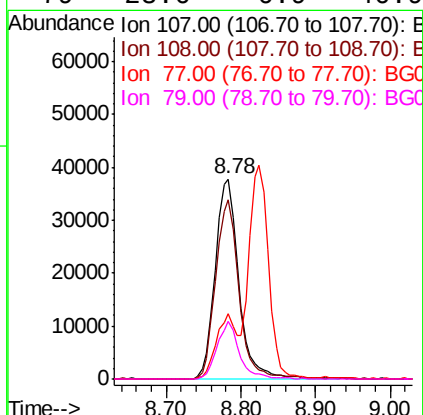
Instrument :
BNA_G
ClientSampleId :

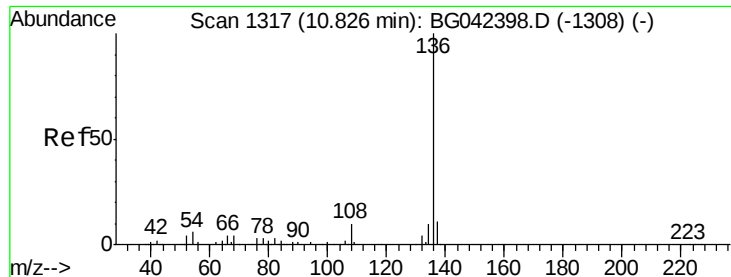
Tot Ion:	70	Resp:	48868
Ion	Ratio	Lower	Upper
70	100		
42	48.1	38.8	58.2
101	11.9	9.0	13.6
130	23.9	20.0	30.0



#20
3+4-Methylphenols
Concen: 36.431 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion:	107	Resp:	83341
Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.7	108.7
77	32.4	10.2	50.2
79	28.6	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 125286

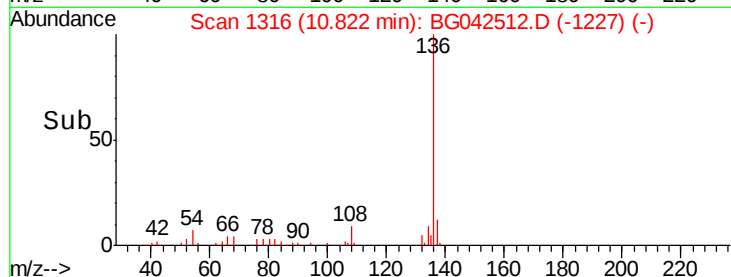
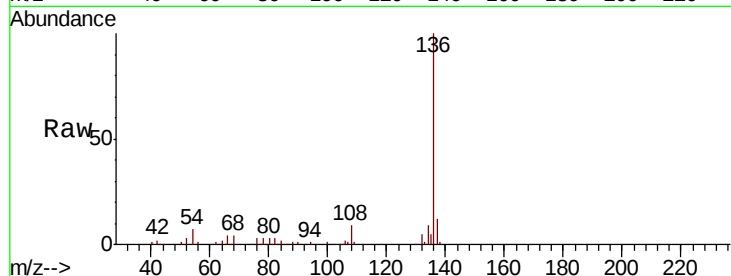
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 7.1 4.9 7.3

68 4.5 3.6 5.4

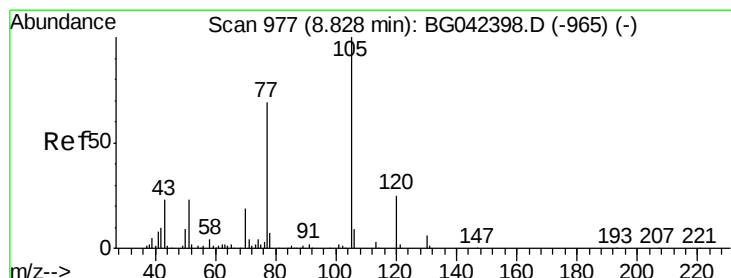
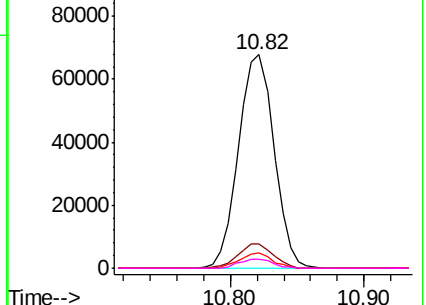


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.149 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Tgt Ion:105 Resp: 107584

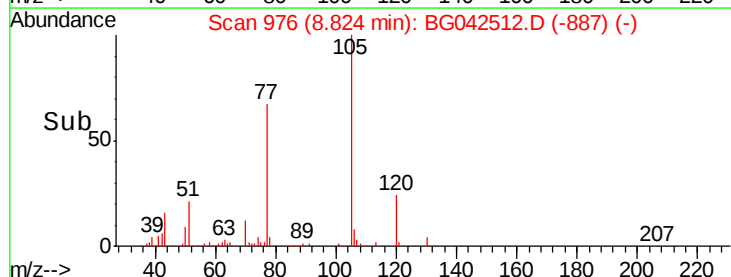
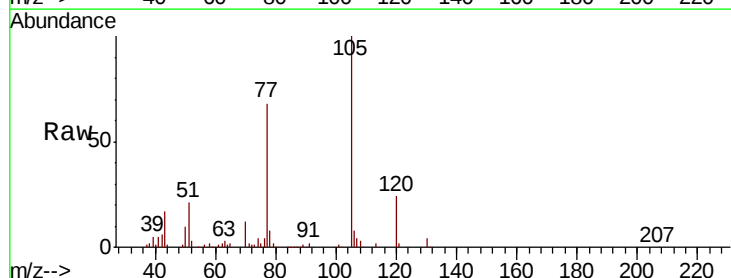
Ion Ratio Lower Upper

105 100

71 2.2 2.8 4.2#

51 21.3 18.7 28.1

120 24.0 20.1 30.1

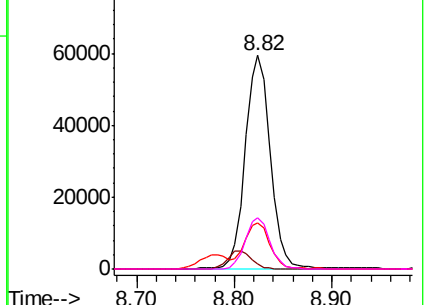


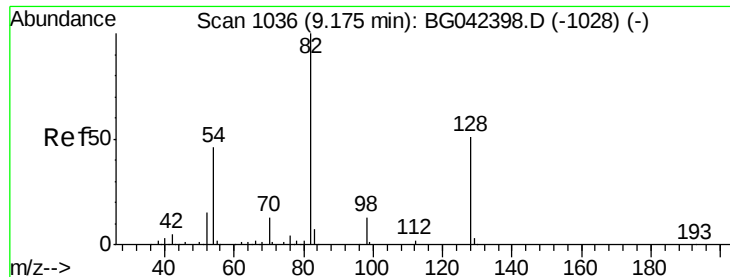
Abundance Ion 105.00 (104.70 to 105.70): E

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

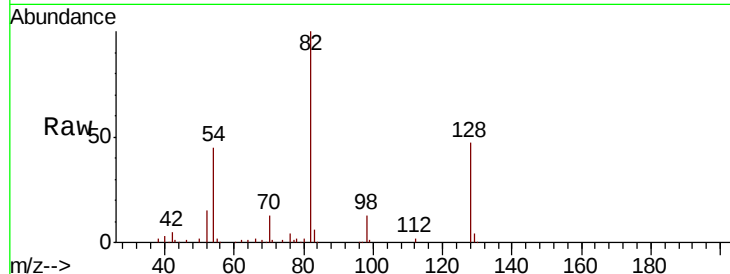




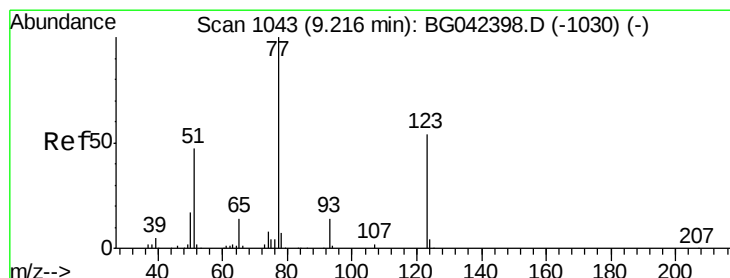
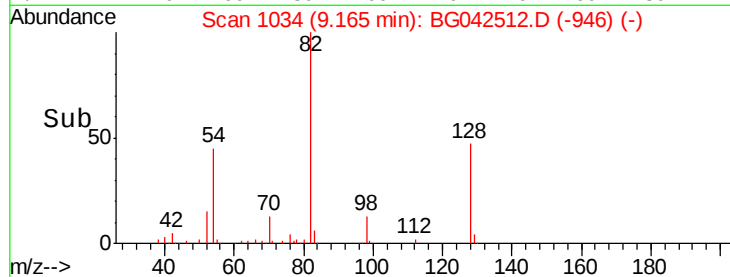
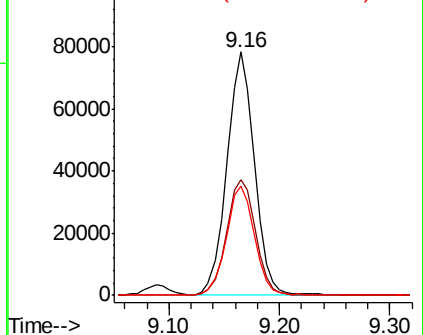
#23
 Nitrobenzene-d5
 Concen: 74.951 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	135887
Ion Ratio	Lower	Upper	
82	100		
128	47.4	40.7	61.1
54	44.8	36.3	54.5

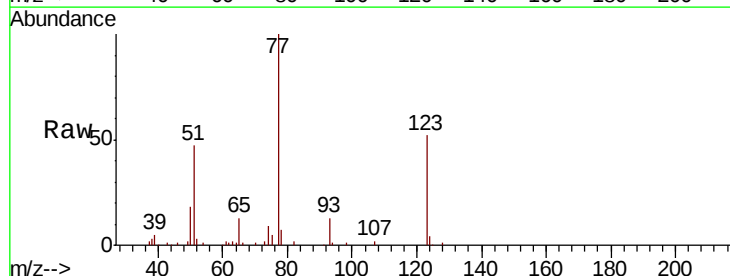


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

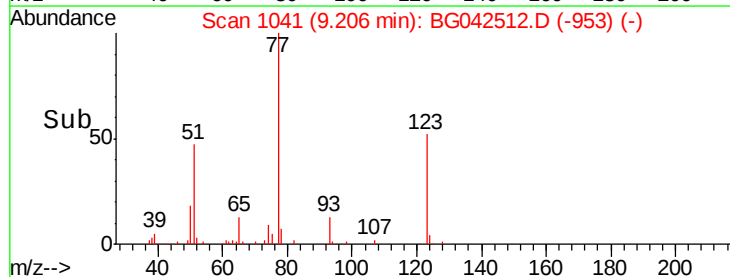
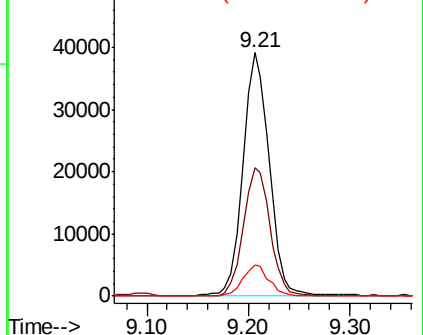


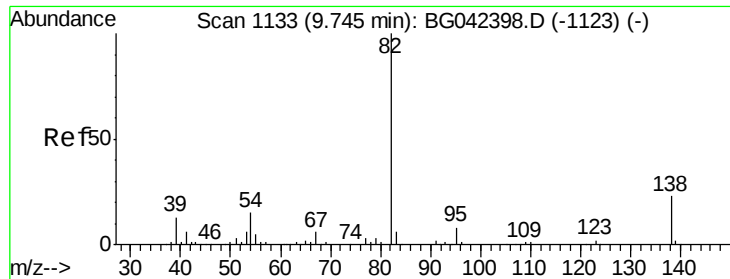
#24
 Nitrobenzene
 Concen: 38.396 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion	77	Resp	70492
Ion Ratio	Lower	Upper	
77	100		
123	52.5	43.4	65.0
65	12.9	11.0	16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 38.794 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

ClientSampleId :

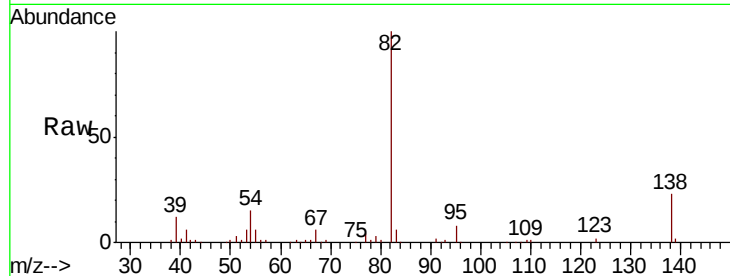
Tot Ion: 82 Resp: 138807

Ion Ratio Lower Upper

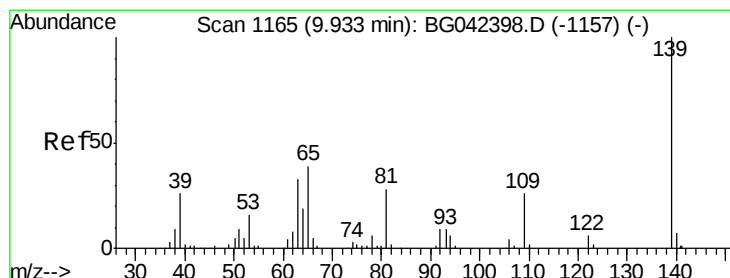
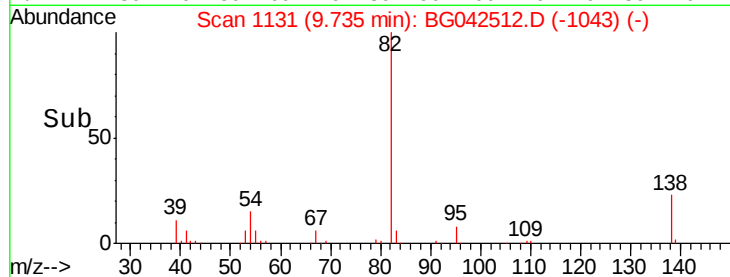
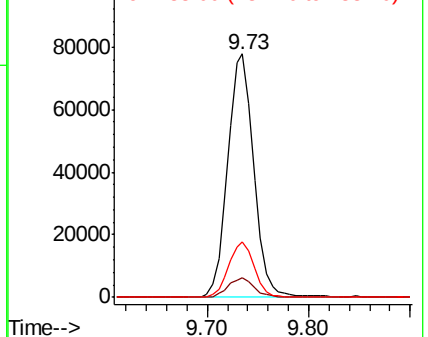
82 100

95 7.8 6.6 9.8

138 22.9 18.6 27.8



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: 41.688 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

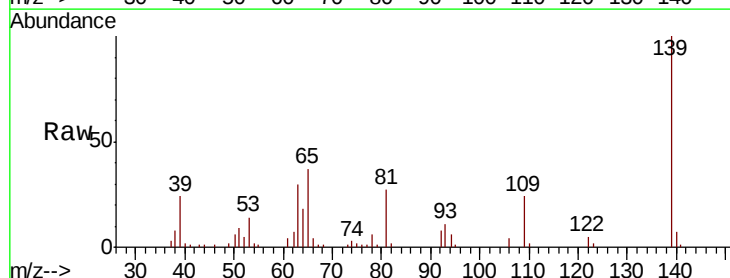
Tgt Ion: 139 Resp: 47963

Ion Ratio Lower Upper

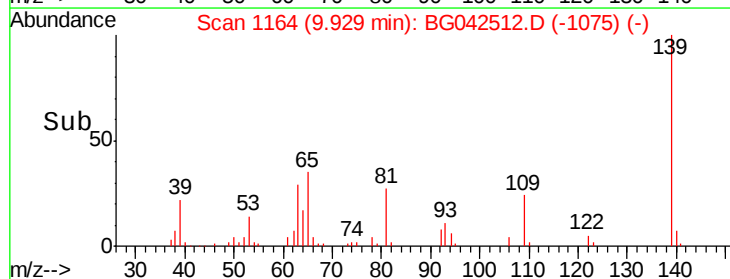
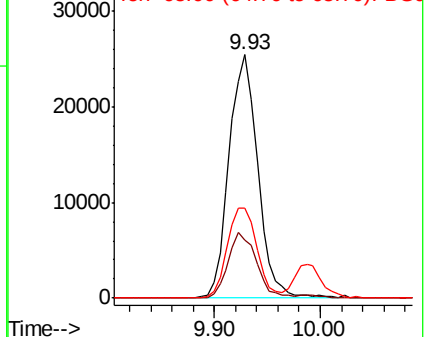
139 100

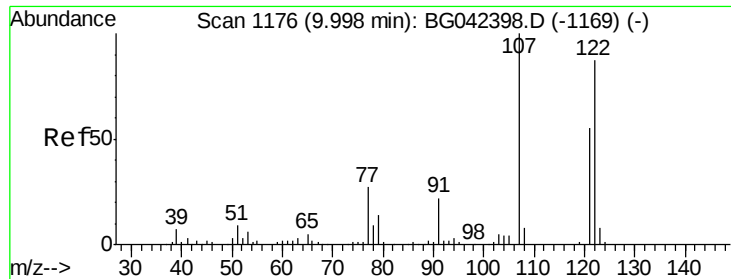
109 23.6 20.5 30.7

65 36.7 30.9 46.3



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

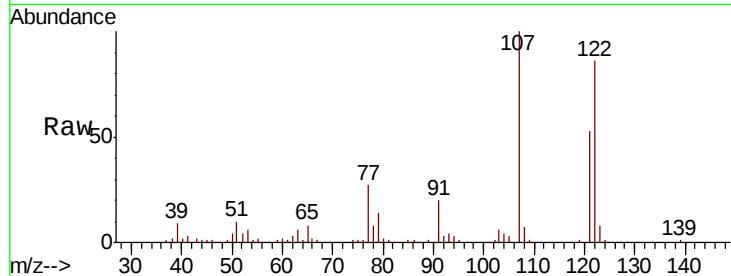




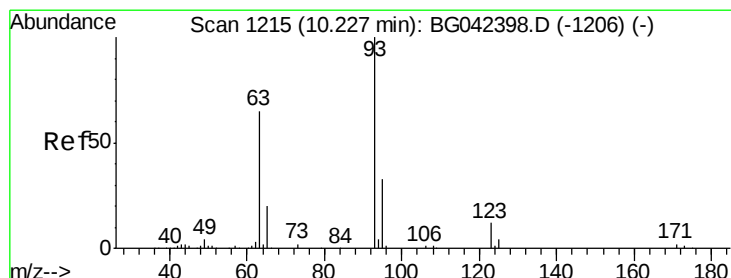
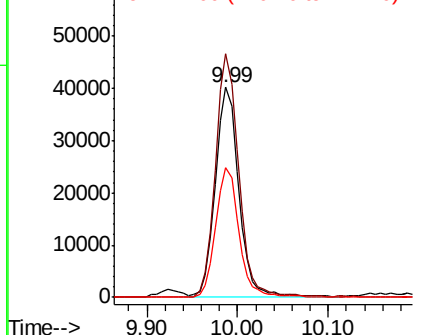
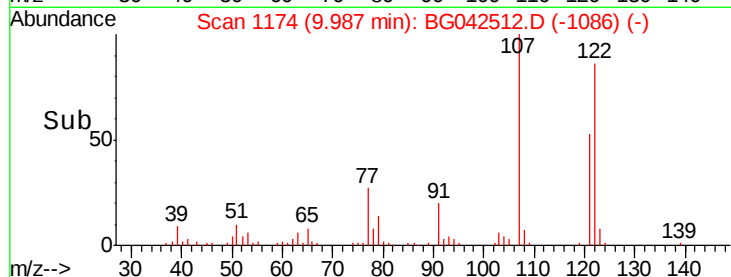
#27
 2,4-Dimethylphenol
 Concen: 45.759 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 72521
 Ion Ratio Lower Upper
 122 100
 107 116.0 90.8 136.2
 121 61.5 49.6 74.4

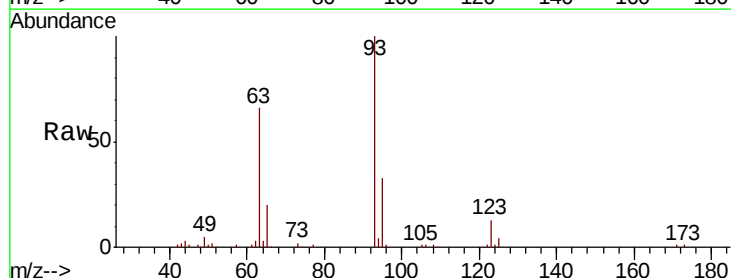


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

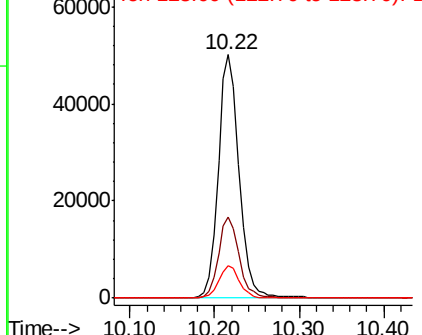
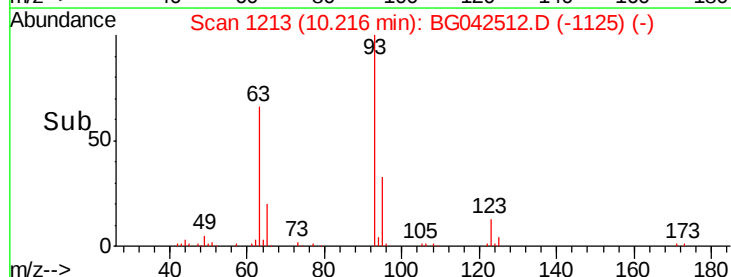


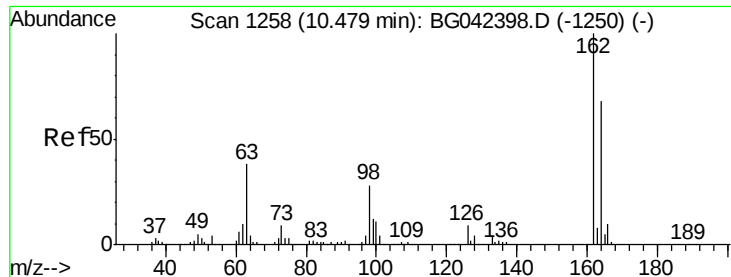
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.995 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion: 93 Resp: 85684
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.6 40.0
 123 13.2 10.1 15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

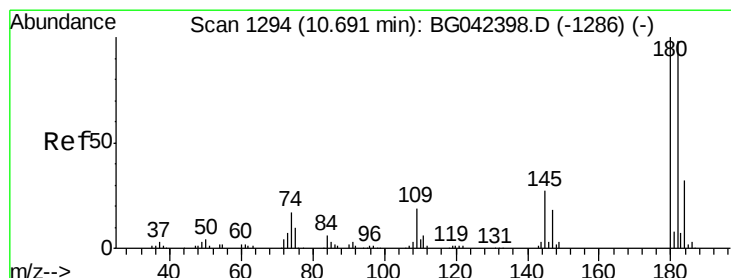
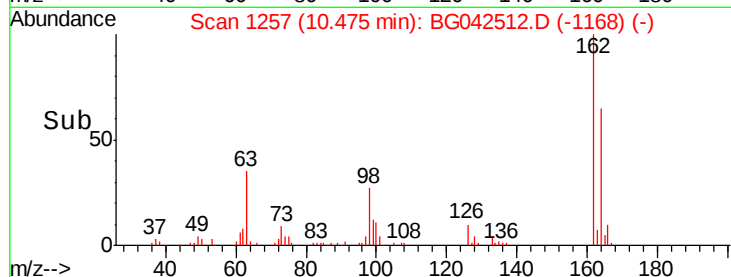
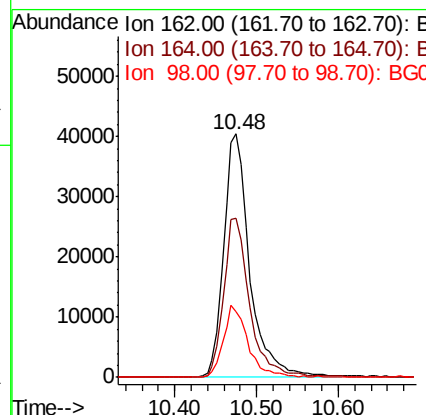
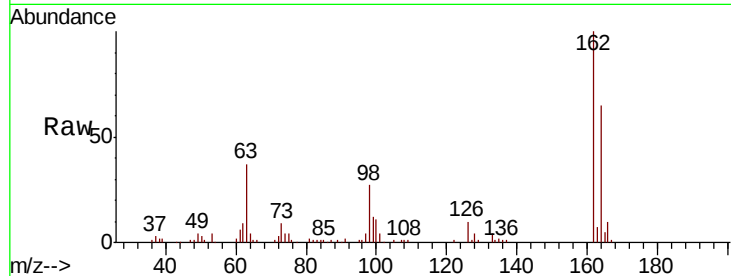




#29
 2,4-Dichlorophenol
 Concen: 43.298 ng
 RT: 10.48 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

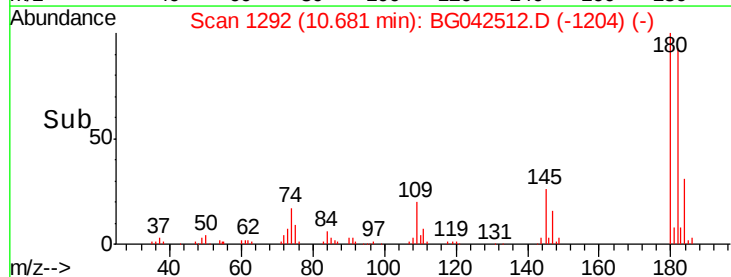
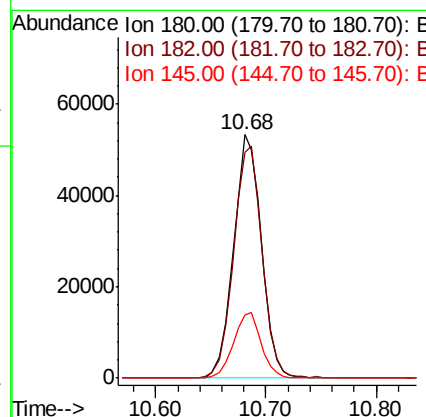
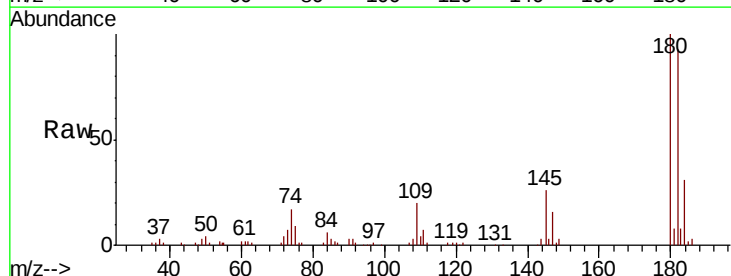
Instrument :
 BNA_G
 ClientSampled :

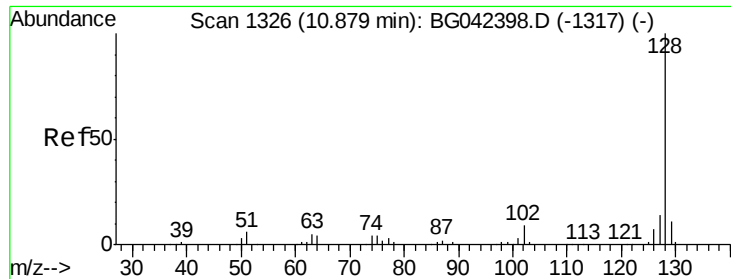
Tot Ion	162	Resp	89780
Ion Ratio	100	Lower	Upper
162	100		
164	65.5	48.1	88.1
98	26.9	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 36.953 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion	180	Resp	94049
Ion Ratio	100	Lower	Upper
180	100		
182	92.9	78.7	118.1
145	25.9	21.6	32.4

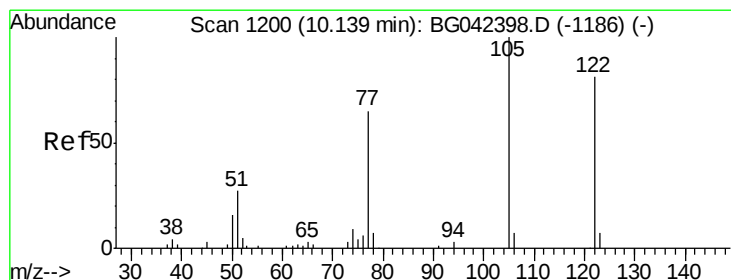
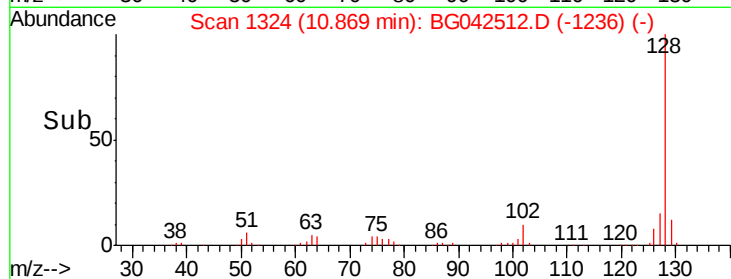
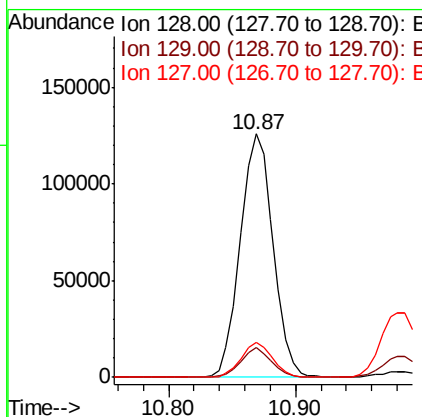
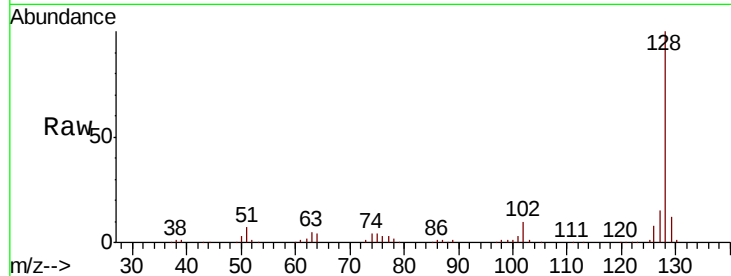




#31
Naphthalene
Concen: 38.823 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

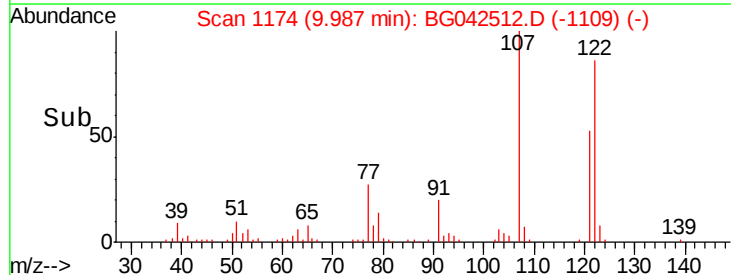
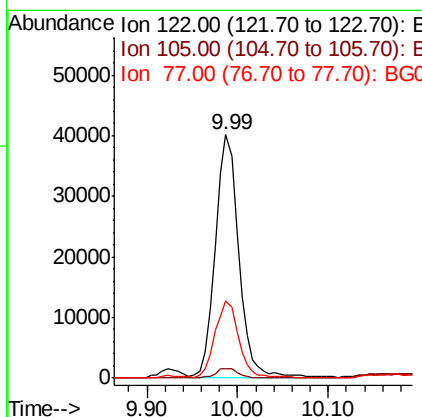
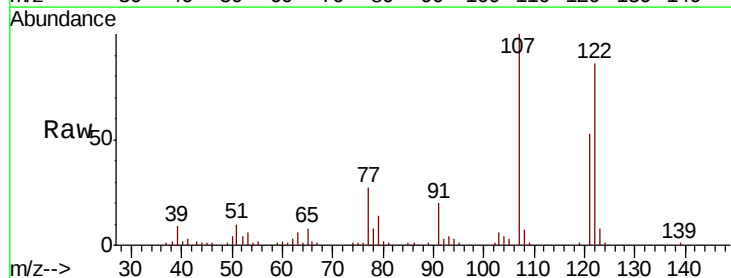
Instrument :
BNA_G
ClientSampleId :

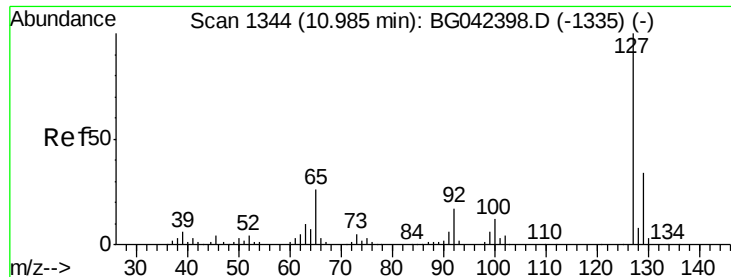
Tot Ion:128 Resp: 225822
Ion Ratio Lower Upper
128 100
129 12.1 8.8 13.2
127 14.5 11.4 17.0



#32
Benzoic acid
Concen: 60.490 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.15 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion:122 Resp: 72521
Ion Ratio Lower Upper
122 100
105 4.0 99.6 139.6#
77 31.8 59.5 99.5#

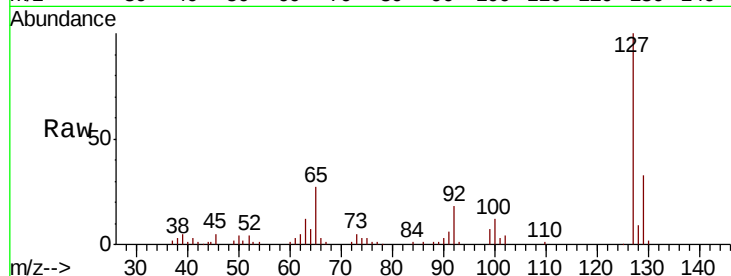




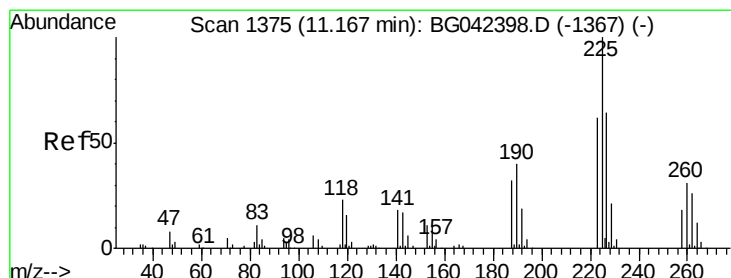
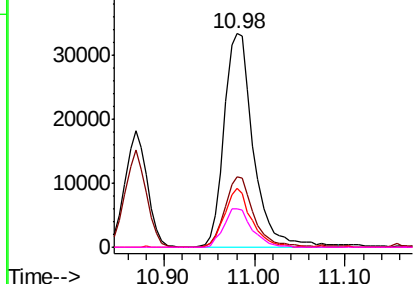
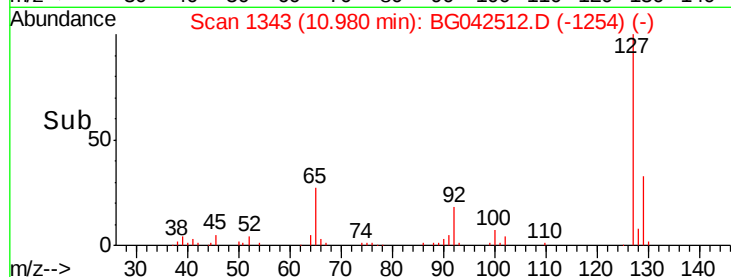
#33
4-Chloroaniline
Concen: 27.864 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	74819
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.8	40.2
65	27.4	20.7	31.1
92	18.1	13.6	20.4

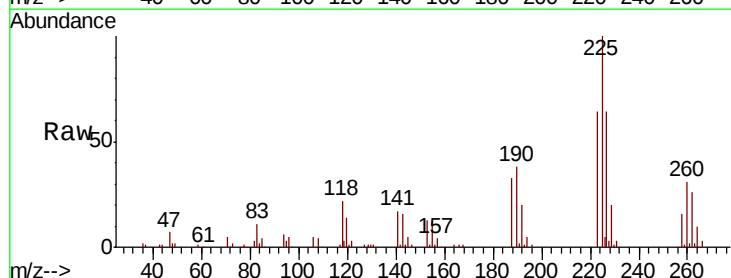


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

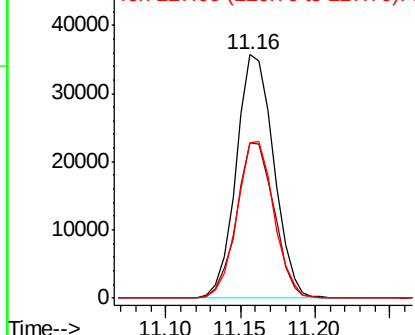
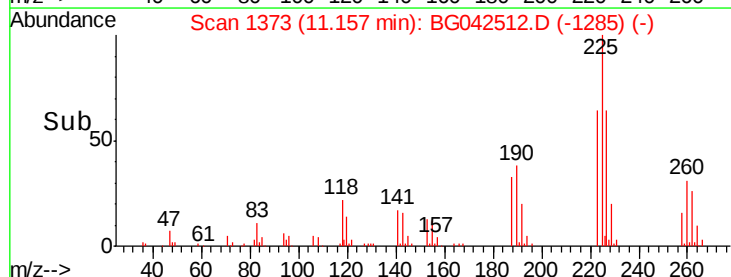


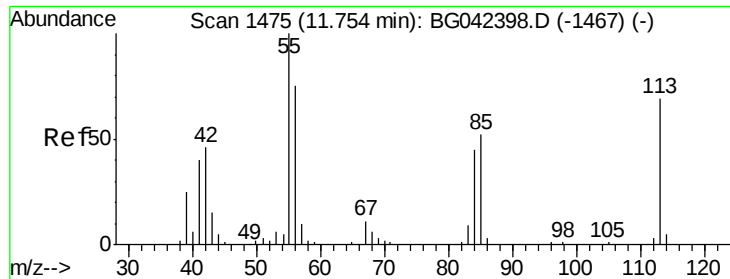
#34
Hexachlorobutadiene
Concen: 36.325 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion:	225	Resp:	62134
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.8	74.6
227	63.8	50.9	76.3



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

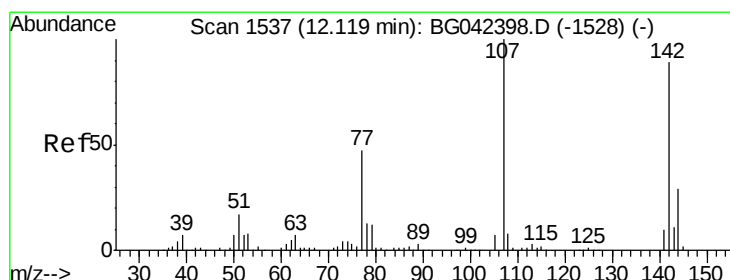
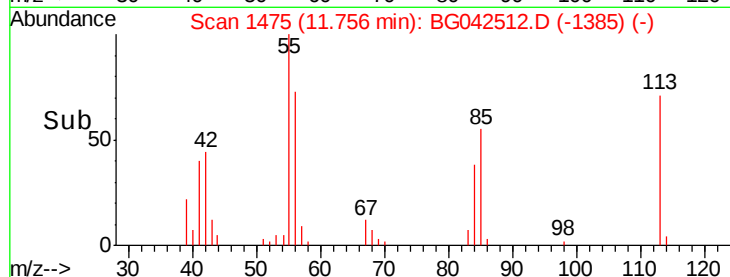
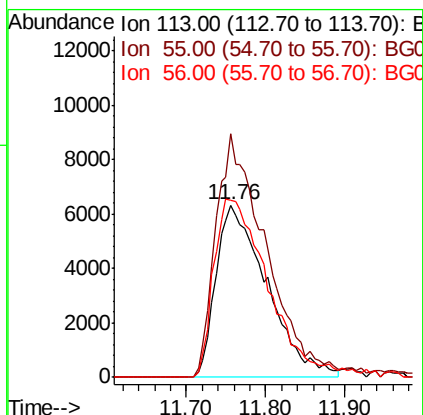
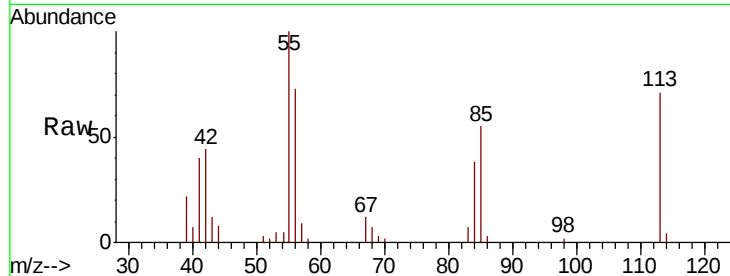




#35
 Caprolactam
 Concen: 40.631 ng
 RT: 11.76 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

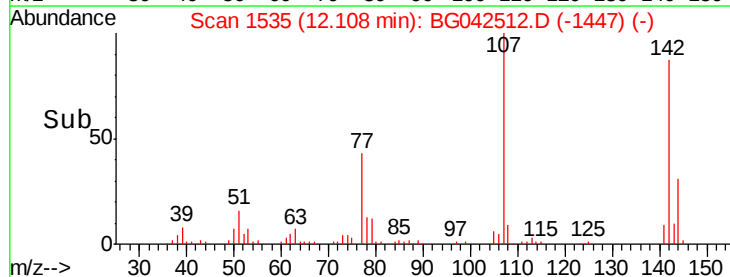
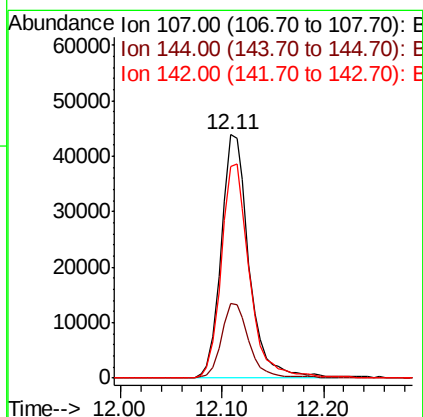
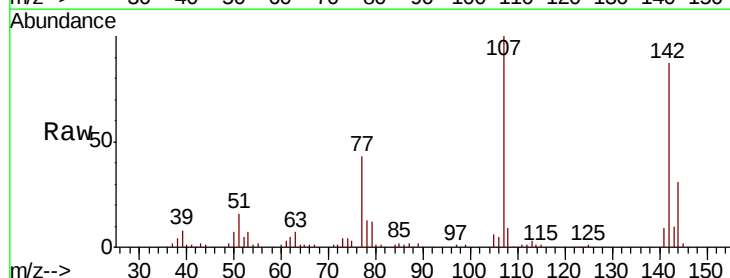
Instrument :
 BNA_G
 ClientSampled :

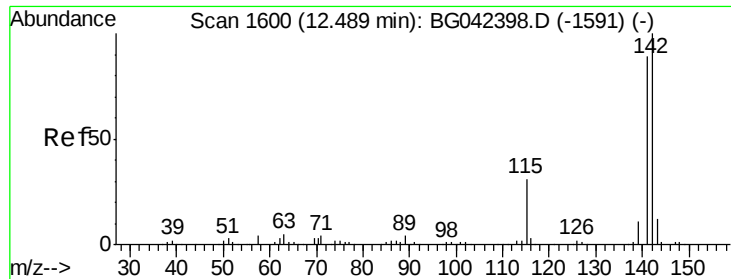
Tot Ion:113 Resp: 28112
 Ion Ratio Lower Upper
 113 100
 55 141.5 124.6 164.6
 56 102.7 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 42.534 ng
 RT: 12.11 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion:107 Resp: 83723
 Ion Ratio Lower Upper
 107 100
 144 30.7 23.6 35.4
 142 87.0 71.0 106.4

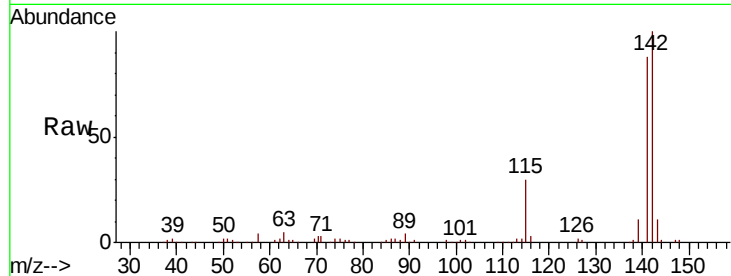




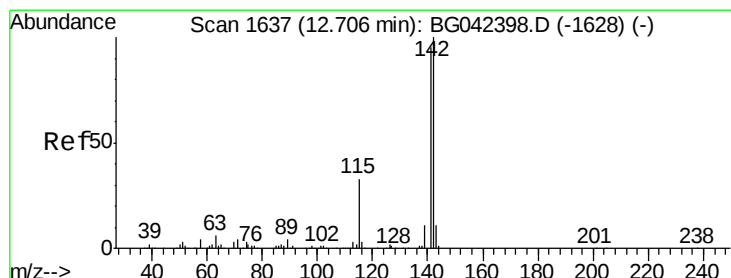
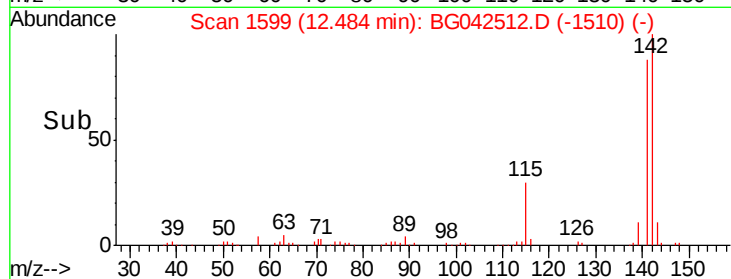
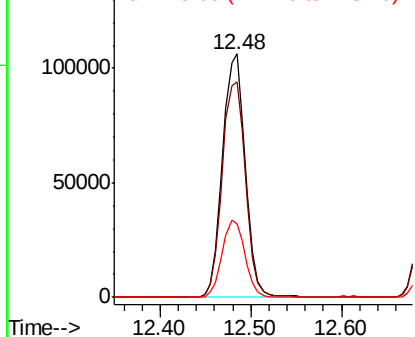
#37
 2-Methylnaphthalene
 Concen: 39.752 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:142 Resp: 185664
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.4 107.2
 115 29.9 25.2 37.8

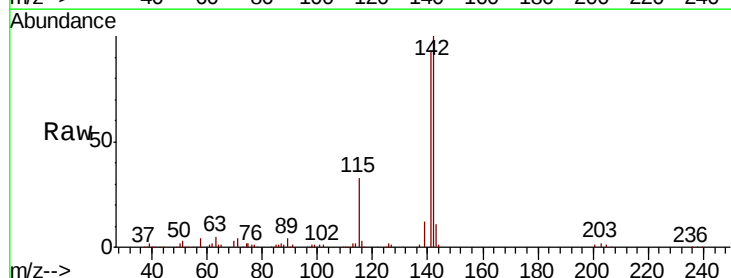


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

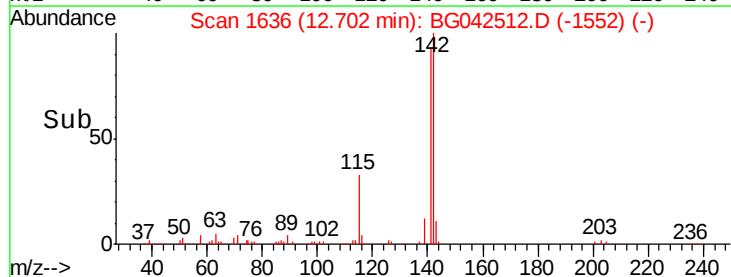
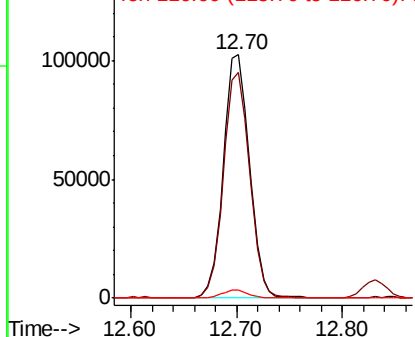


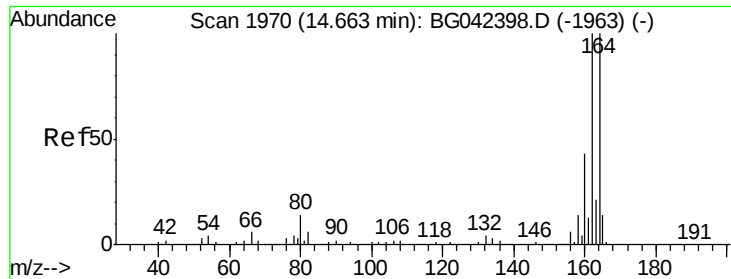
#38
 1-Methylnaphthalene
 Concen: 39.587 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion:142 Resp: 175623
 Ion Ratio Lower Upper
 142 100
 141 92.7 76.2 114.2
 116 3.5 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

ClientSampleId :

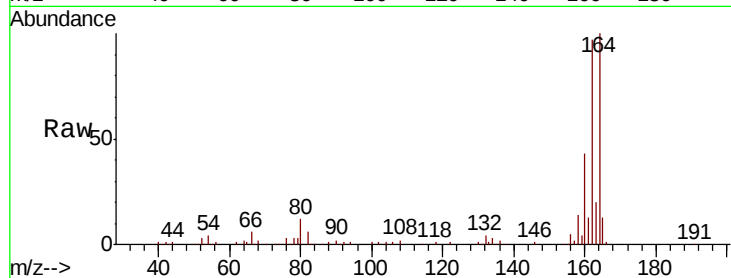
Tot Ion:164 Resp: 98204

Ion Ratio Lower Upper

164 100

162 97.4 79.9 119.9

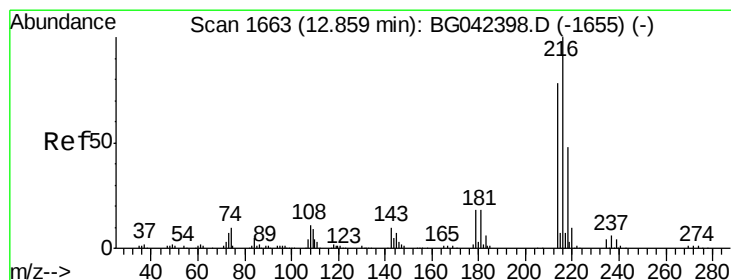
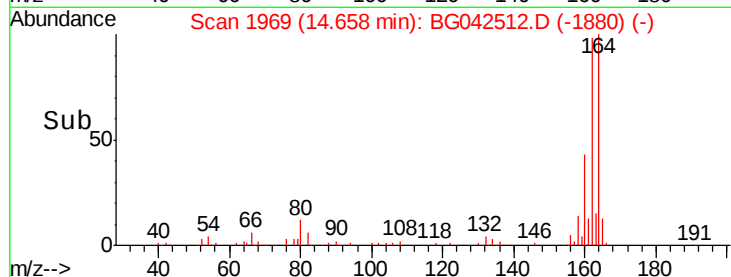
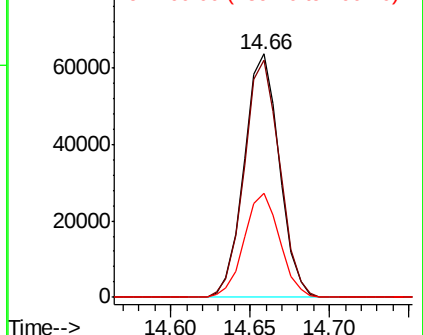
160 42.7 34.3 51.5



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: 38.686 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Tgt Ion:216 Resp: 122003

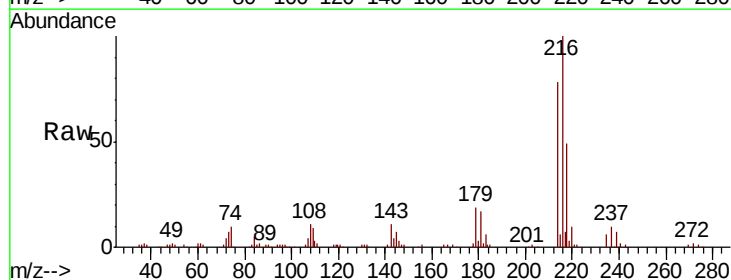
Ion Ratio Lower Upper

216 100

214 76.8 61.4 92.2

179 18.7 15.1 22.7

108 13.0 9.4 14.0

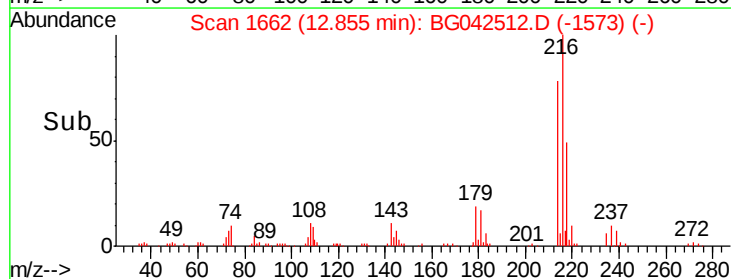
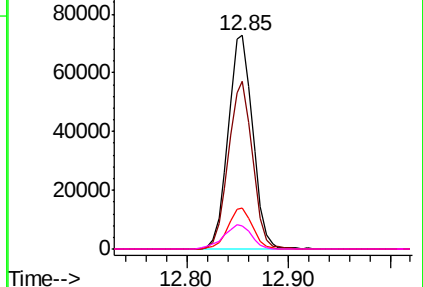


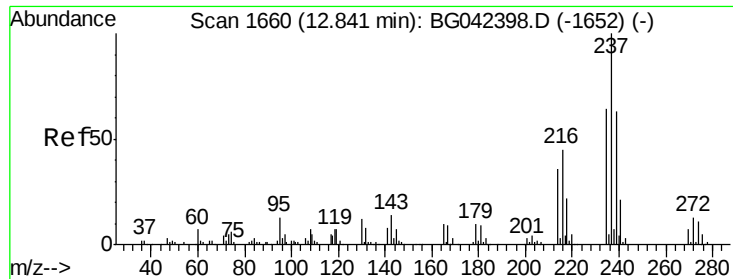
Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.557 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

ClientSampleId :

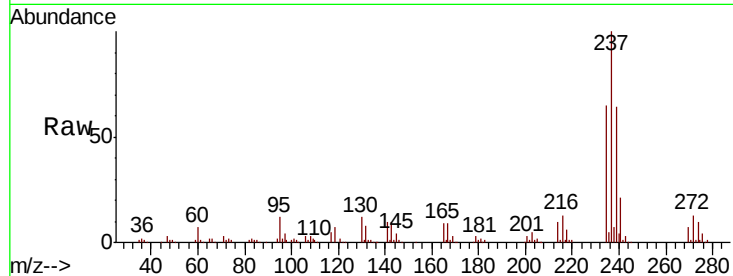
Tot Ion:237 Resp: 125167

Ion Ratio Lower Upper

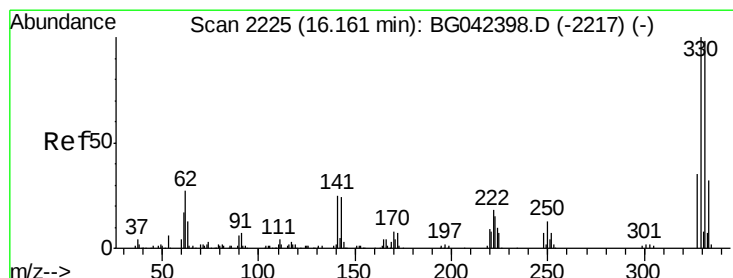
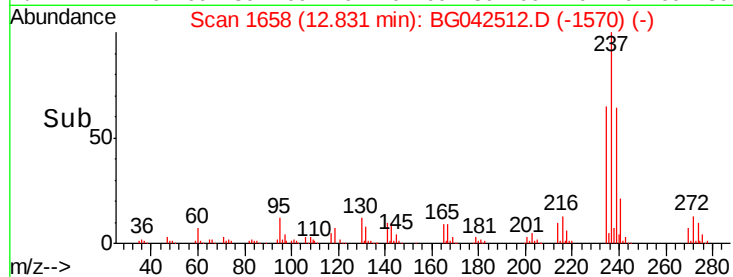
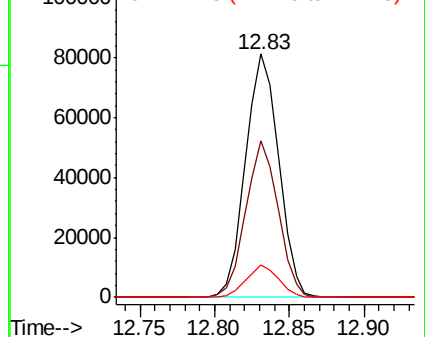
237 100

235 64.5 43.7 83.7

272 13.1 0.0 33.3



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: 113.718 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

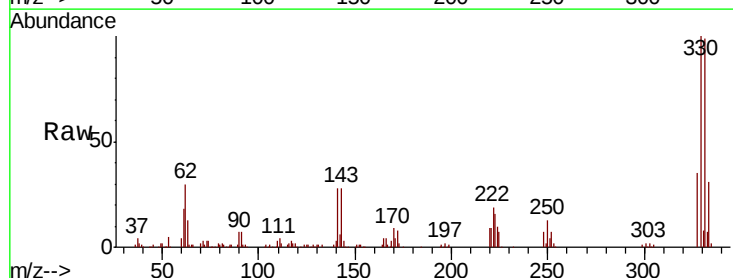
Tgt Ion:330 Resp: 158729

Ion Ratio Lower Upper

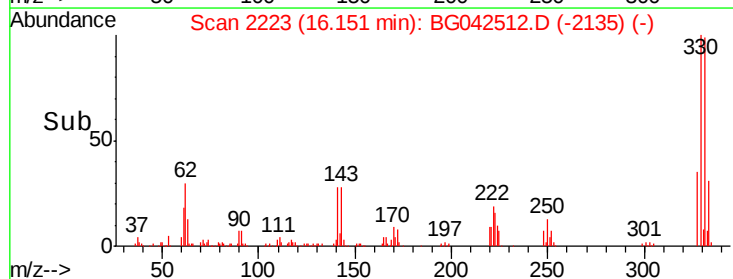
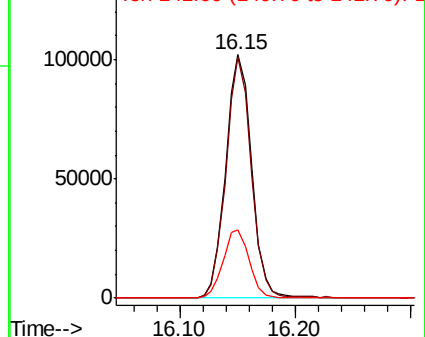
330 100

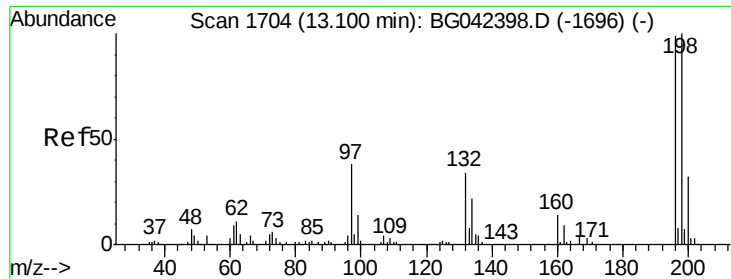
332 97.0 77.4 116.0

141 28.3 21.4 32.0



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

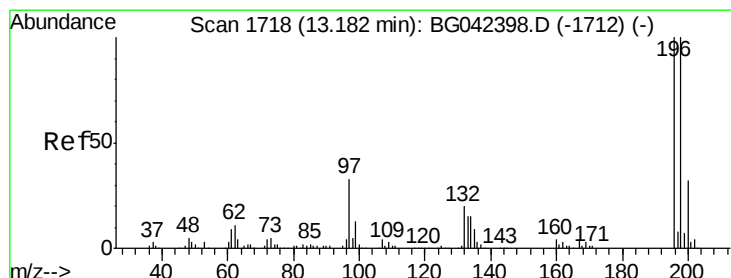
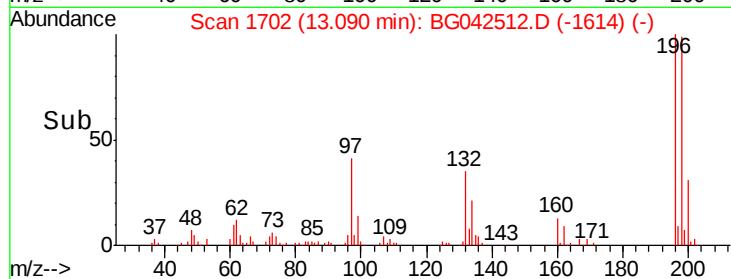
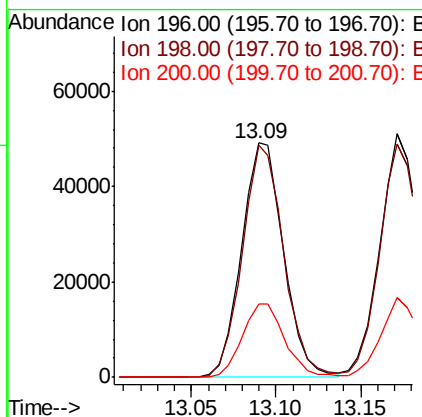
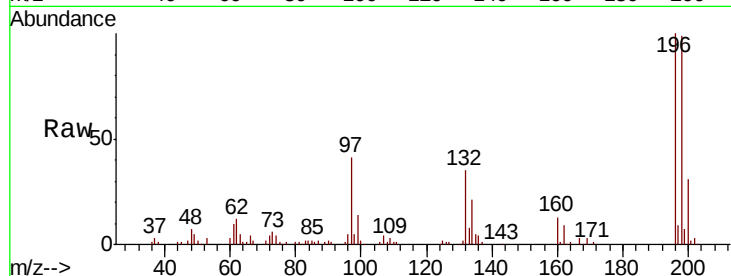




#43
 2,4,6-Trichlorophenol
 Concen: 39.855 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

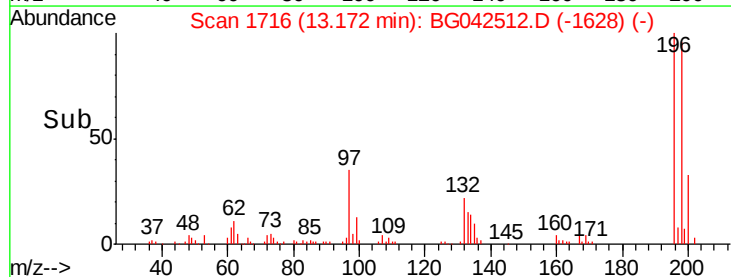
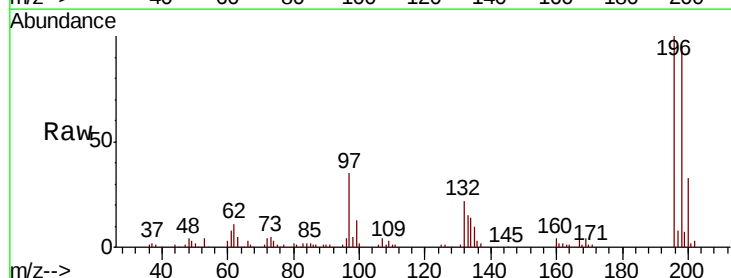
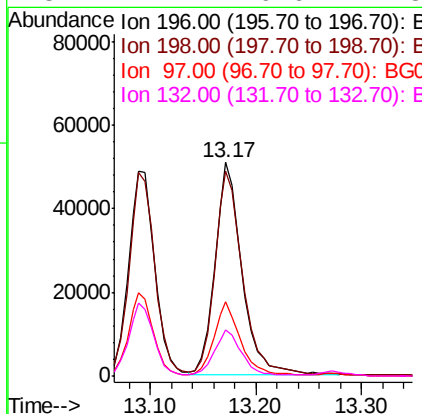
Instrument :
 BNA_G
 ClientSampleId :

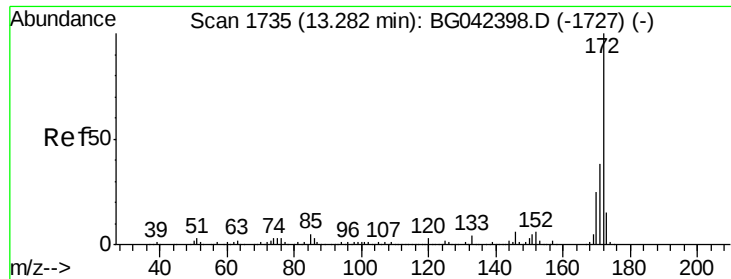
Tot Ion:196 Resp: 84959
 Ion Ratio Lower Upper
 196 100
 198 99.0 80.7 121.1
 200 31.3 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 40.939 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion:196 Resp: 90436
 Ion Ratio Lower Upper
 196 100
 198 95.7 80.2 120.4
 97 34.7 26.3 39.5
 132 21.7 16.6 24.8

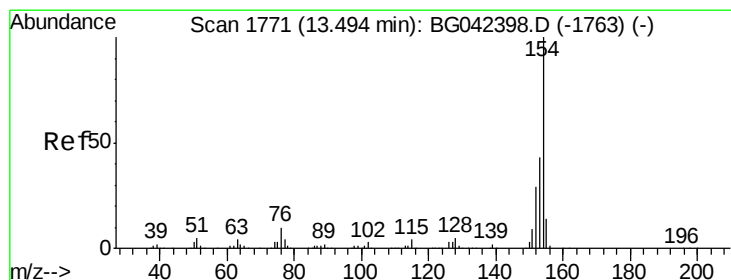
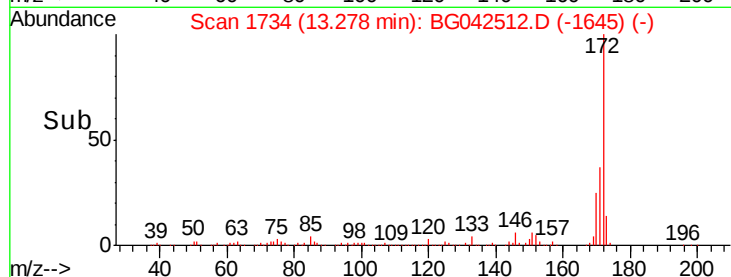
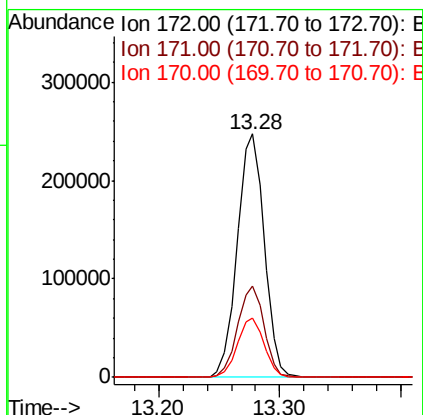
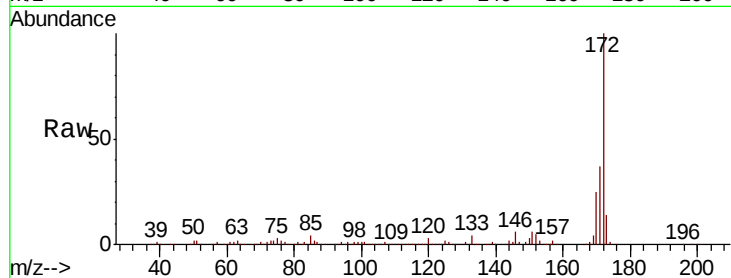




#45
 2-Fluorobiphenyl
 Concen: 66.568 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

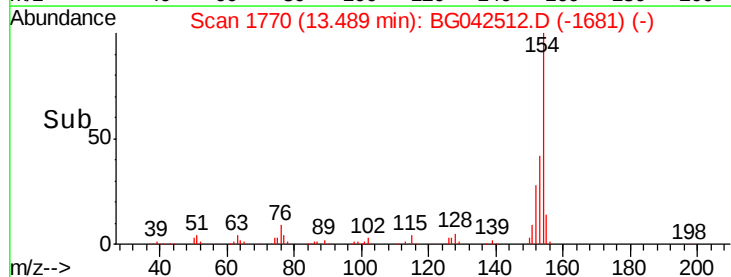
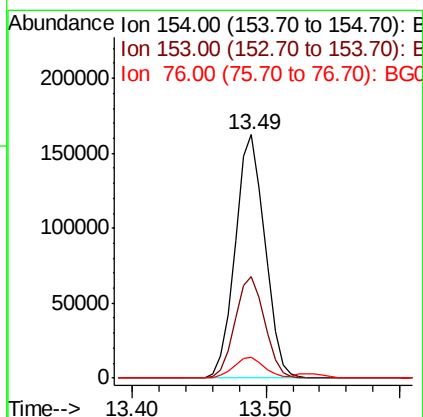
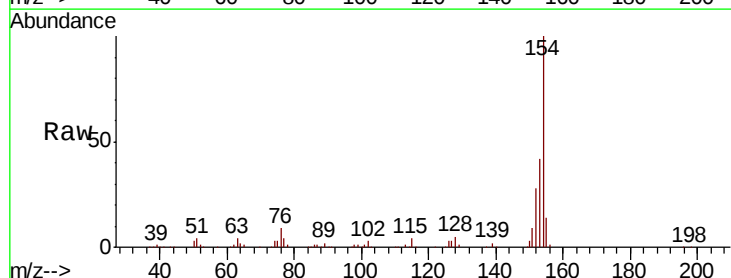
Instrument :
 BNA_G
 ClientSampleId :

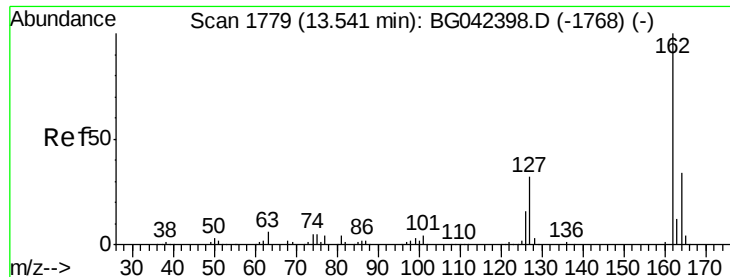
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.5	45.7
170	24.6	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 39.422 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	23.0	63.0
76	8.8	0.0	29.6

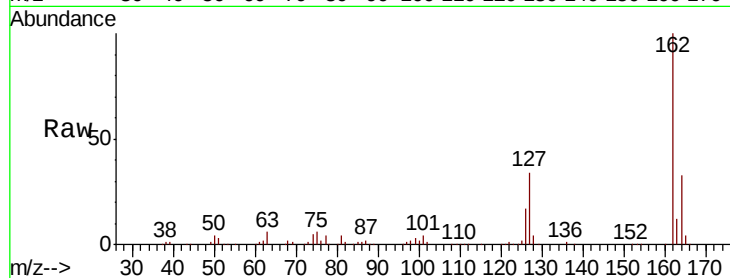




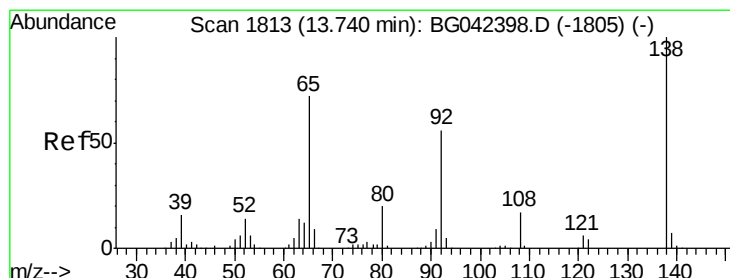
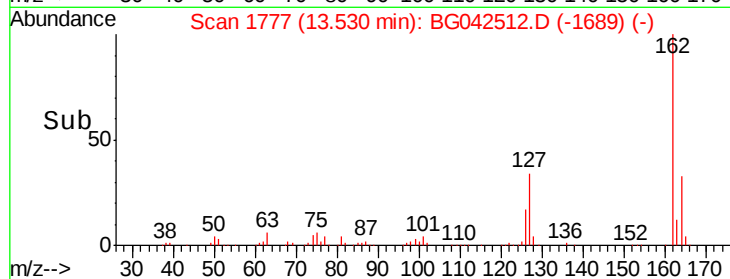
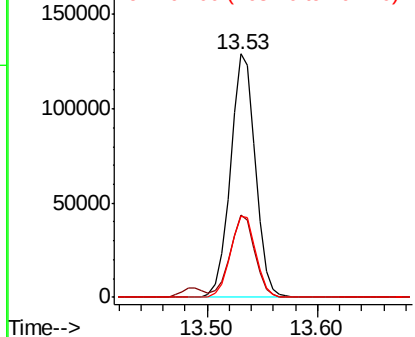
#47
 2-Chloronaphthalene
 Concen: 37.251 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	33.9	26.0	39.0
164	33.3	27.4	41.0

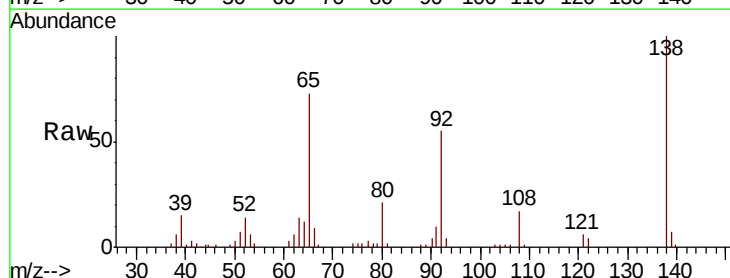


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

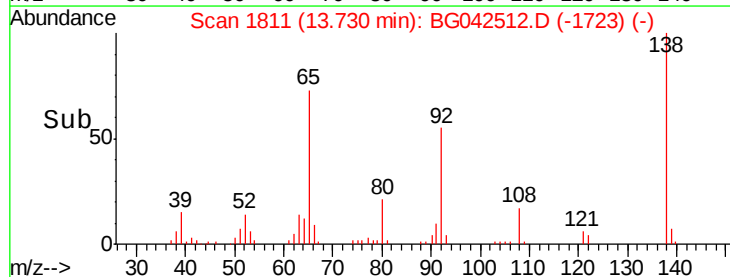
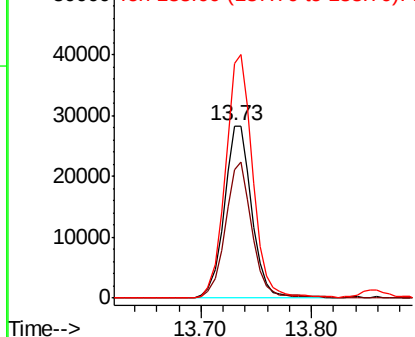


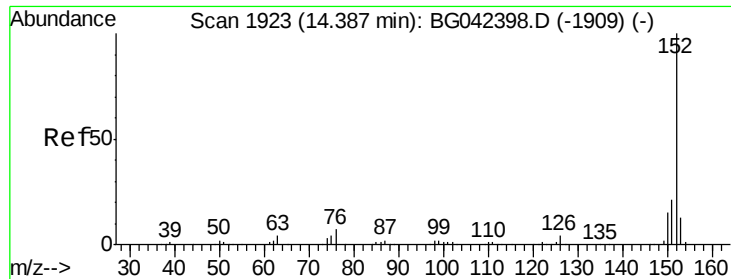
#48
 2-Nitroaniline
 Concen: 37.399 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.8	61.8	92.6
138	136.6	111.0	166.6



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: 40.788 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

ClientSampleId :

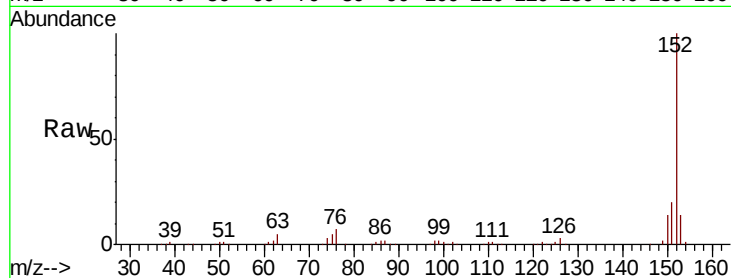
Tot Ion:152 Resp: 335885

Ion Ratio Lower Upper

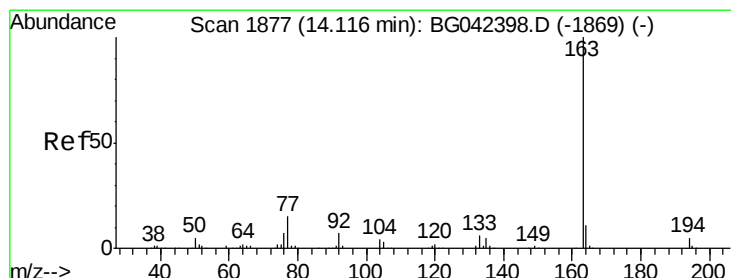
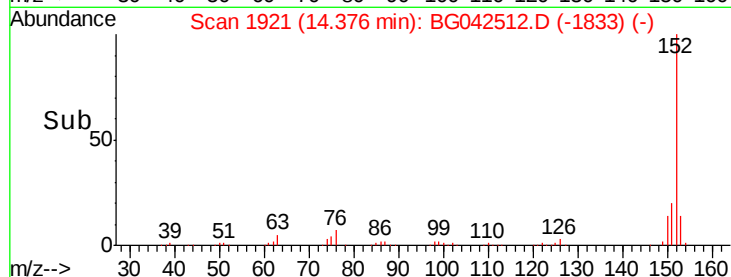
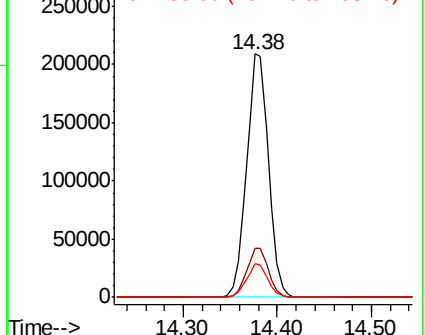
152 100

151 20.1 17.0 25.4

153 13.7 10.6 16.0



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: 45.470 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

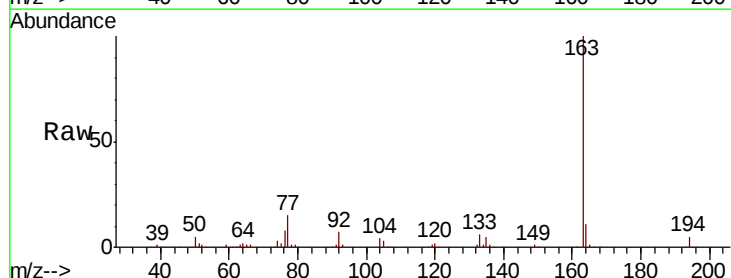
Tgt Ion:163 Resp: 322187

Ion Ratio Lower Upper

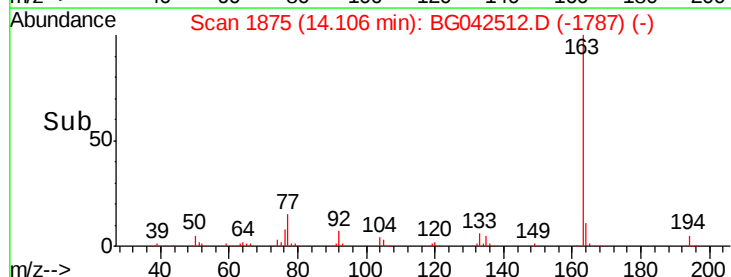
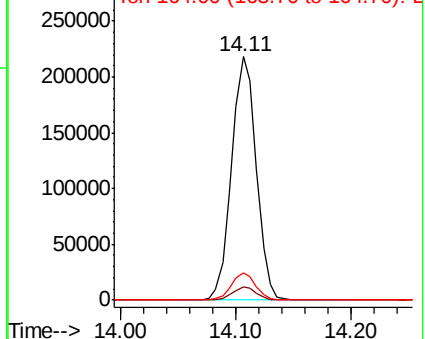
163 100

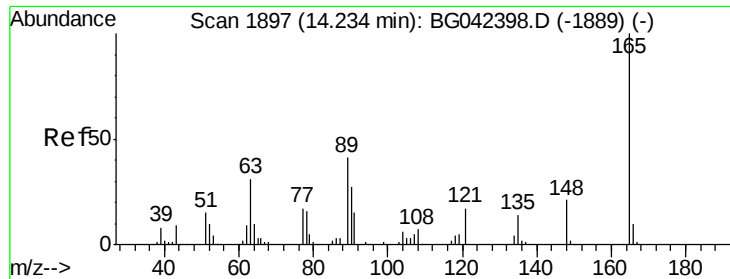
194 5.3 4.2 6.2

164 11.2 8.8 13.2



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

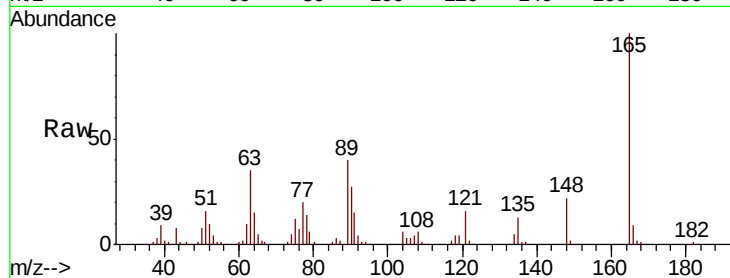




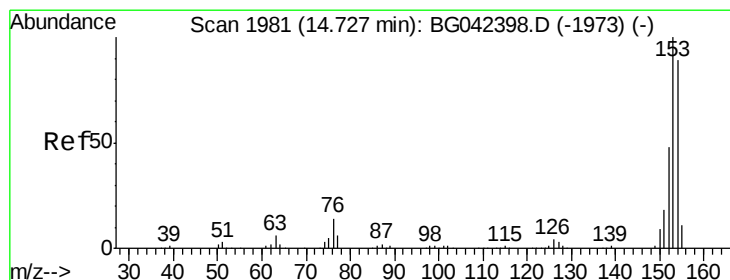
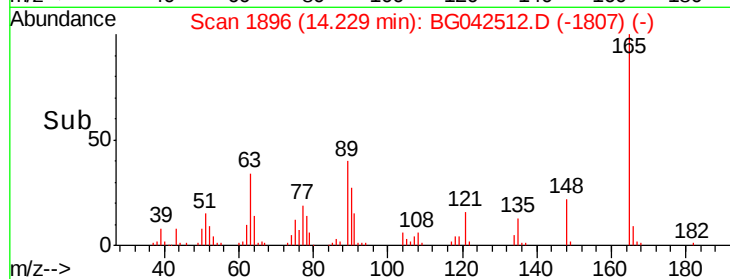
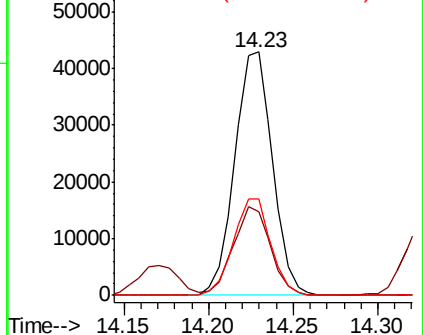
#51
 2,6-Dinitrotoluene
 Concen: 40.598 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.5	30.6	45.8
89	39.7	32.6	49.0

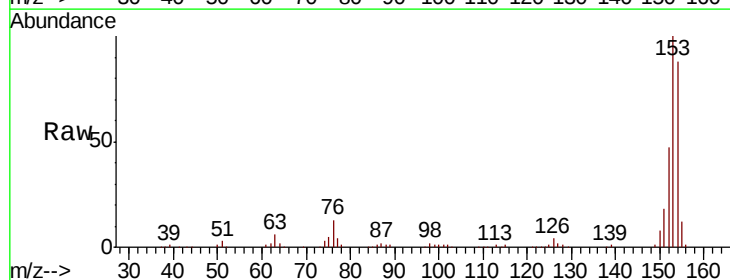


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

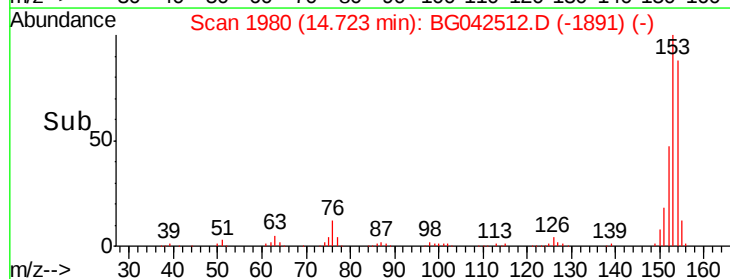
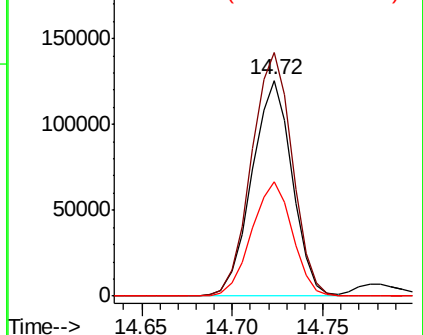


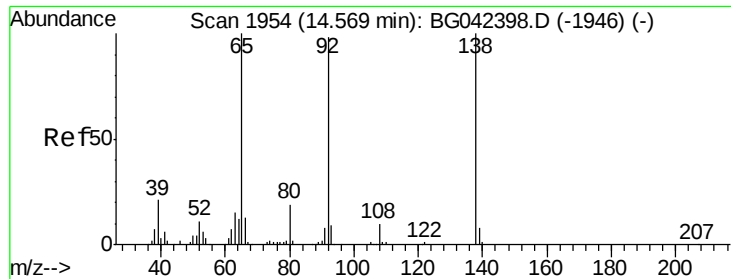
#52
 Acenaphthene
 Concen: 38.839 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.2	135.4
152	53.2	43.2	64.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

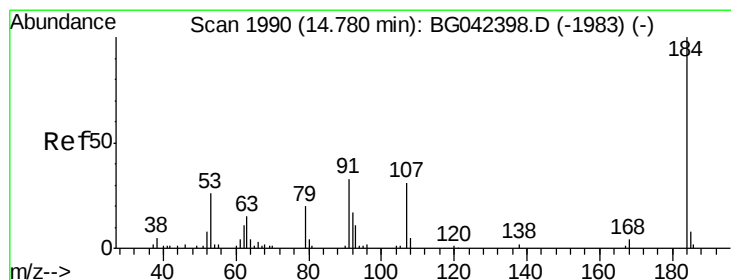
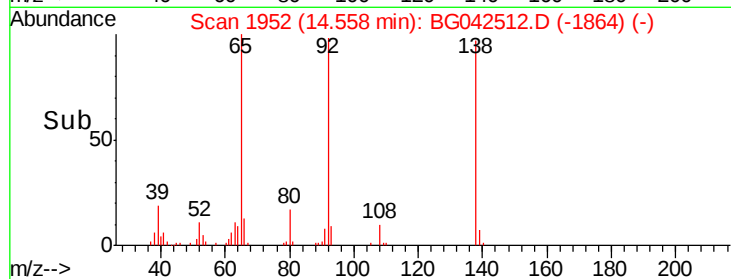
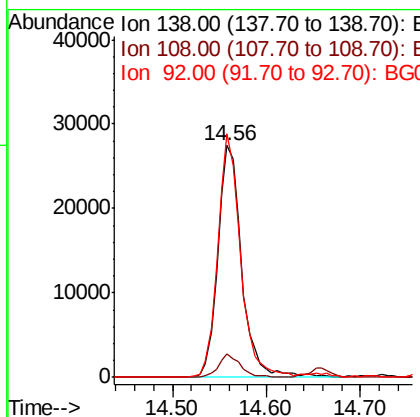
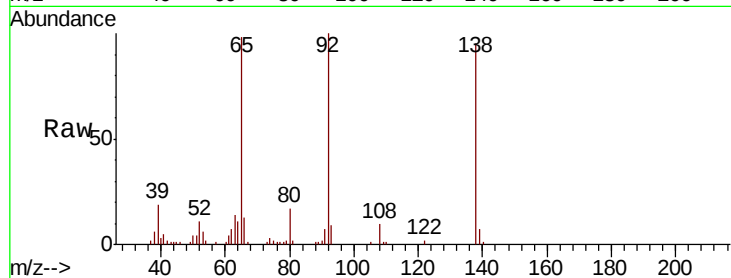




#53
 3-Nitroaniline
 Concen: 29.658 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

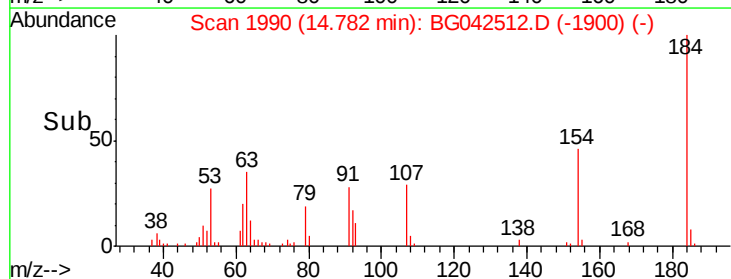
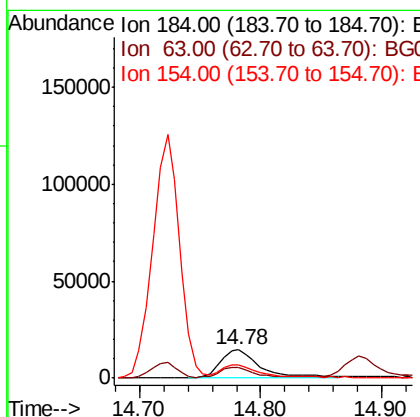
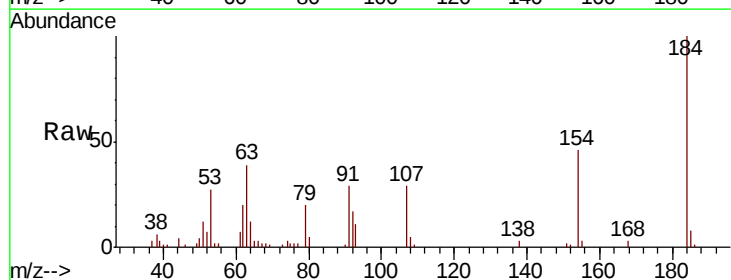
Instrument :
 BNA_G
 ClientSampleId :

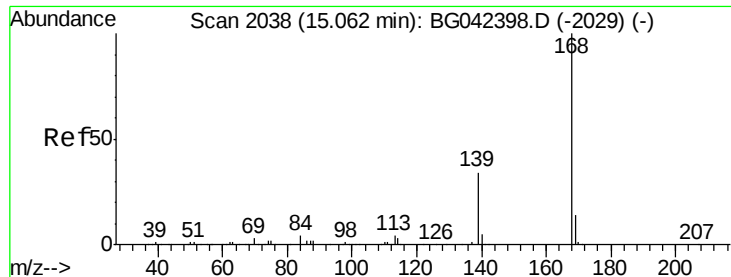
Tot Ion:138 Resp: 48716
 Ion Ratio Lower Upper
 138 100
 108 10.1 8.3 12.5
 92 105.0 78.2 117.4



#54
 2,4-Dinitrophenol
 Concen: 33.823 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion:184 Resp: 33106
 Ion Ratio Lower Upper
 184 100
 63 39.1 31.7 47.5
 154 46.3 42.0 63.0





#55

Dibenzofuran

Concen: 40.960 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

ClientSampleId :

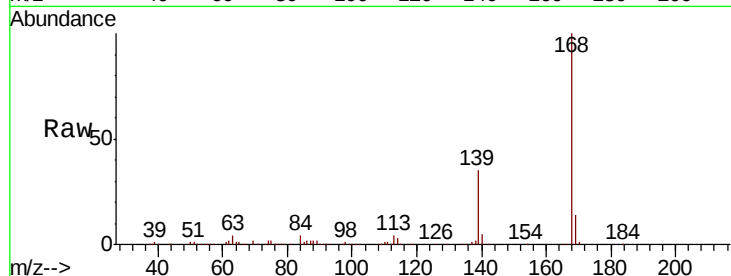
Tot Ion:168 Resp: 339024

Ion Ratio Lower Upper

168 100

139 34.6 27.2 40.8

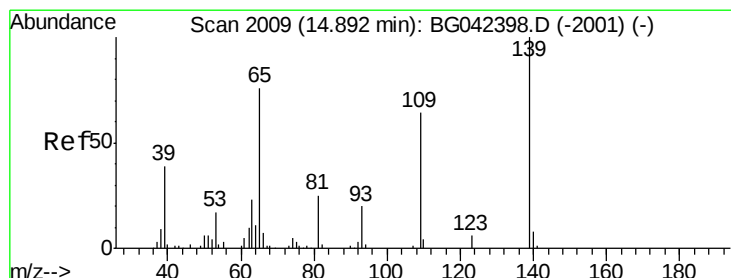
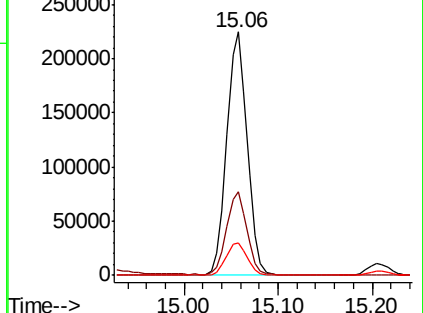
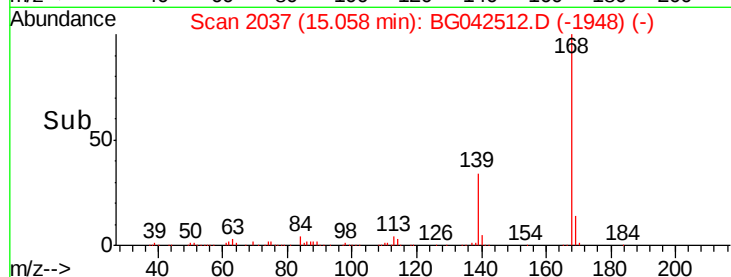
169 13.6 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 91.542 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

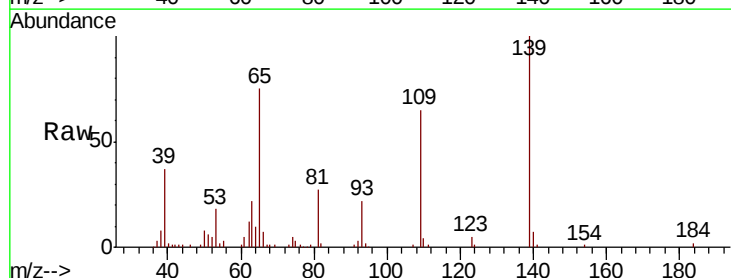
Tgt Ion:139 Resp: 106846

Ion Ratio Lower Upper

139 100

109 65.0 43.9 83.9

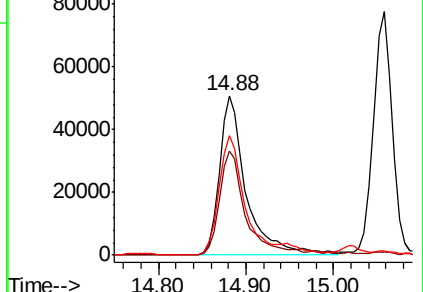
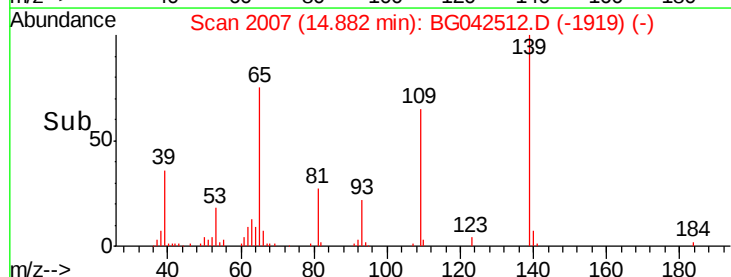
65 75.0 56.3 96.3

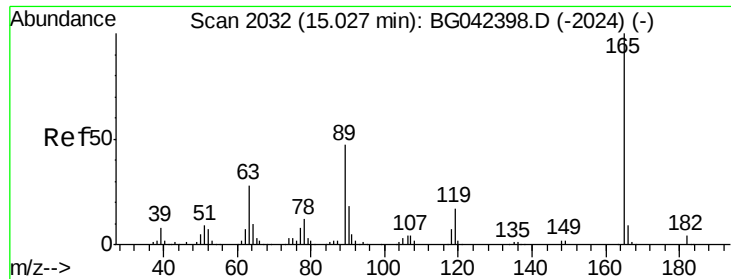


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

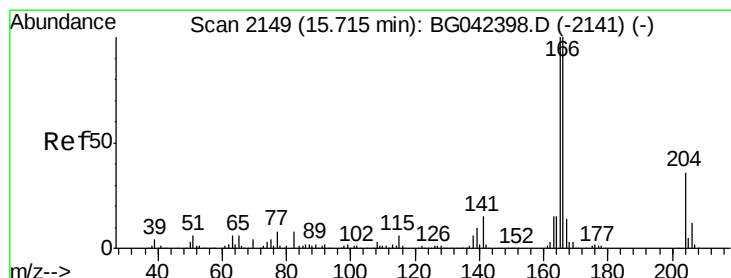
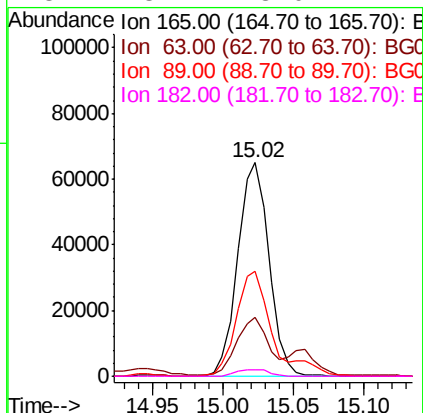
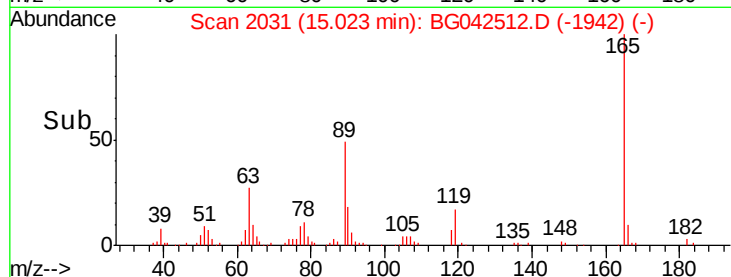
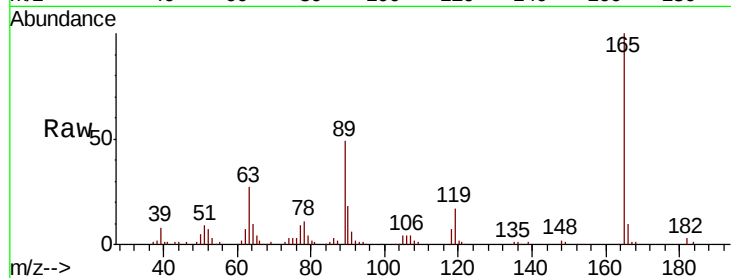




#57
 2,4-Dinitrotoluene
 Concen: 42.765 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

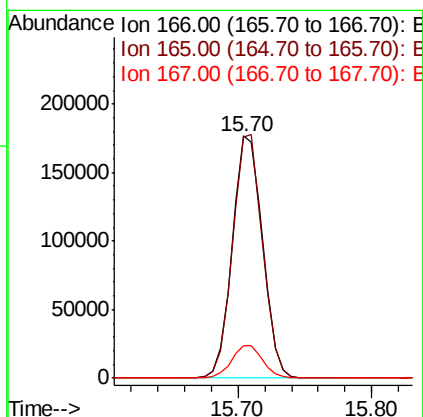
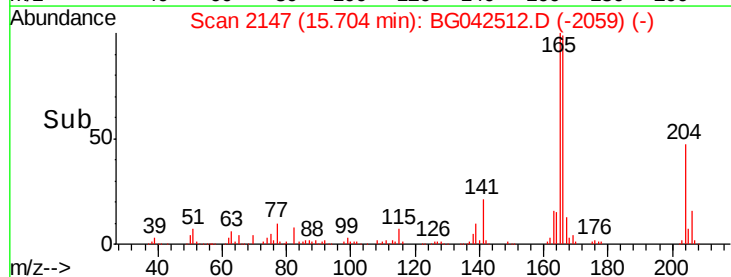
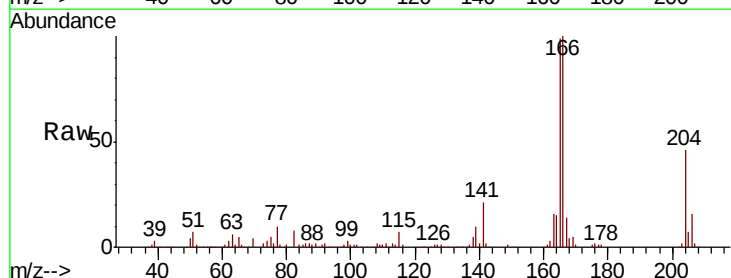
Instrument :
 BNA_G
 ClientSampled :

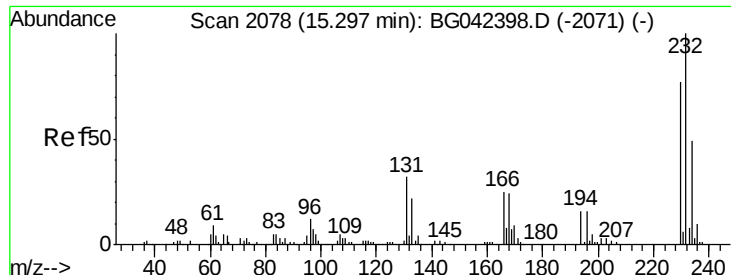
Tot Ion:165	Resp:	100581
Ion Ratio	Lower	Upper
165	100	
63	27.4	22.5 33.7
89	49.2	37.8 56.6
182	3.1	3.0 4.4



#58
 Fluorene
 Concen: 41.151 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion:166	Resp:	278430
Ion Ratio	Lower	Upper
166	100	
165	99.4	79.7 119.5
167	13.6	10.9 16.3

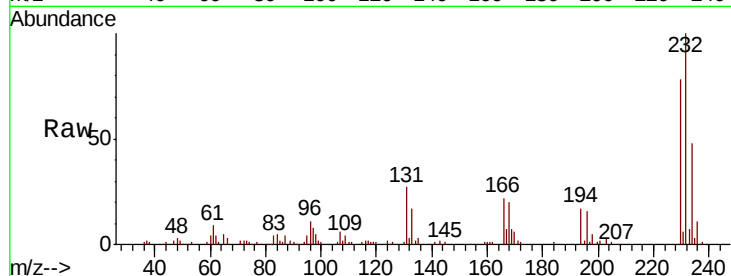




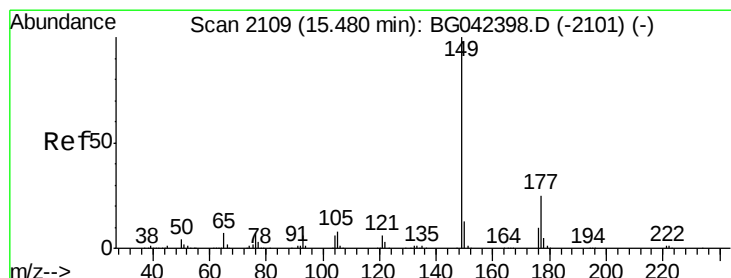
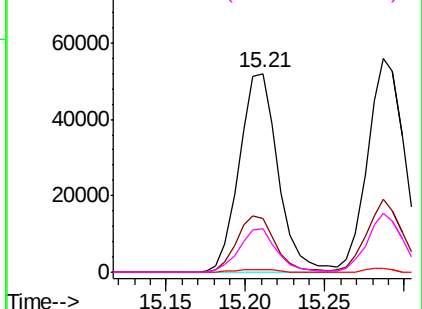
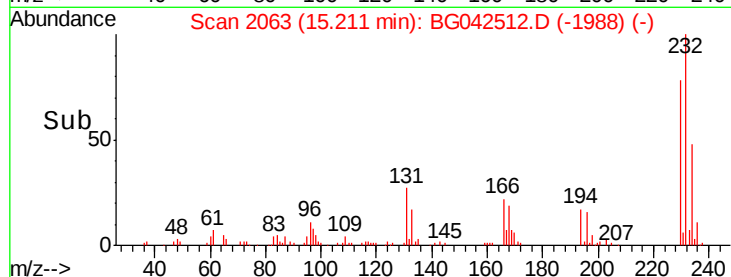
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.762 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	89048
Ion Ratio	Lower	Upper
232	100	
131	28.1	22.9 34.3
130	1.6	1.4 2.0
166	21.2	17.0 25.4

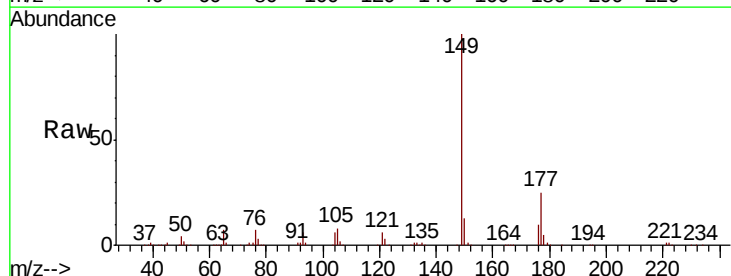


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

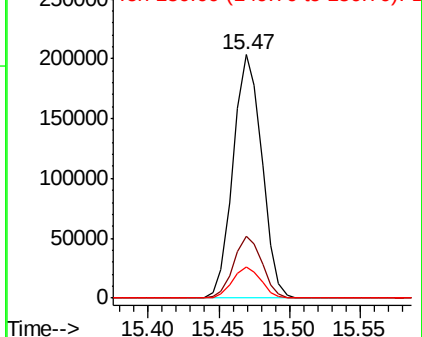
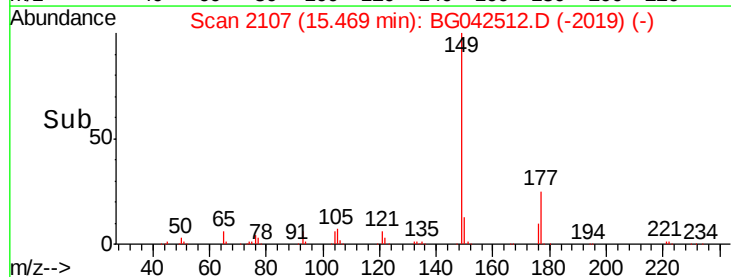


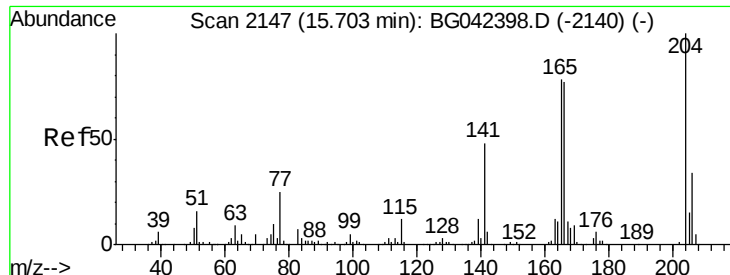
#60
 Diethylphthalate
 Concen: 41.666 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion:149	Resp:	288609
Ion Ratio	Lower	Upper
149	100	
177	25.3	20.4 30.6
150	12.9	10.3 15.5



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

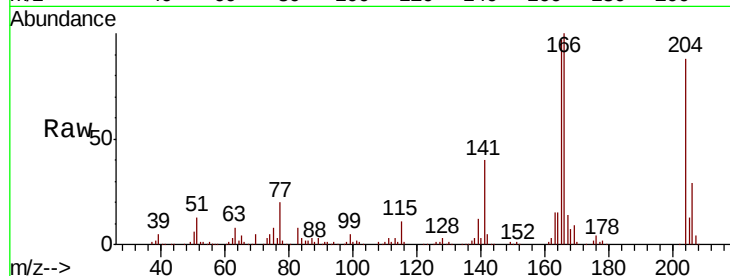




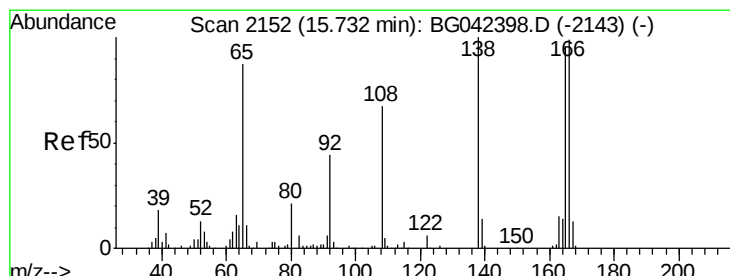
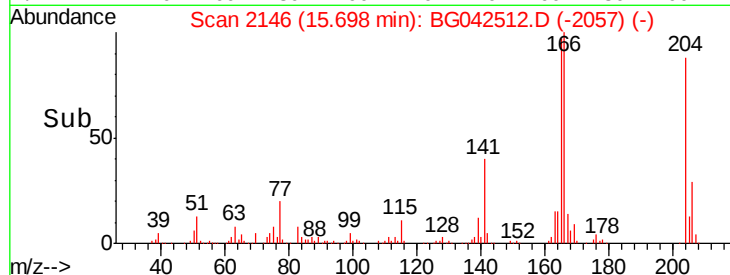
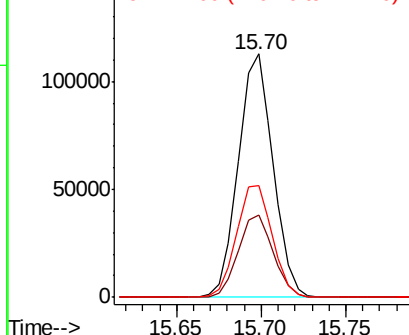
#61
 4-Chlorophenyl-phenylether
 Concen: 39.493 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 161079
 Ion Ratio Lower Upper
 204 100
 206 33.6 27.2 40.8
 141 46.0 38.7 58.1

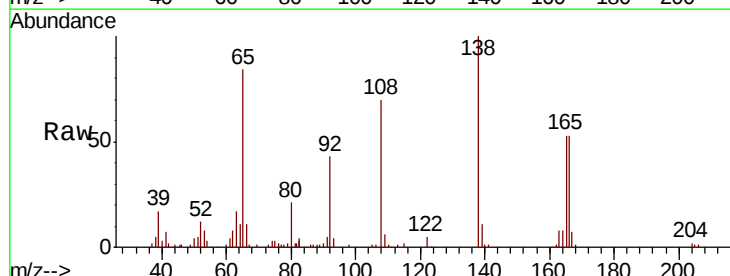


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

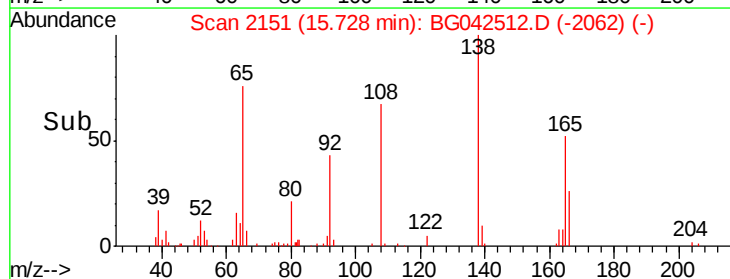
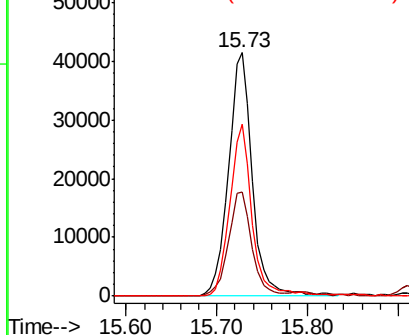


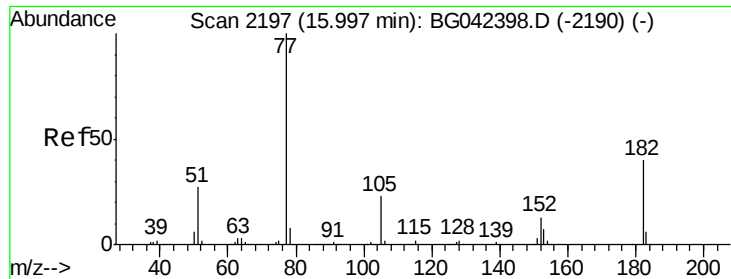
#62
 4-Nitroaniline
 Concen: 43.249 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion:138 Resp: 76030
 Ion Ratio Lower Upper
 138 100
 92 43.0 24.2 64.2
 108 70.5 46.8 86.8



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

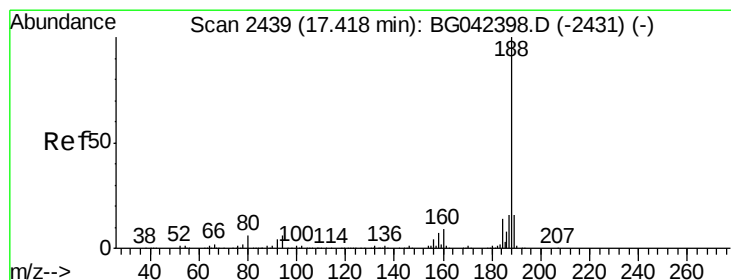
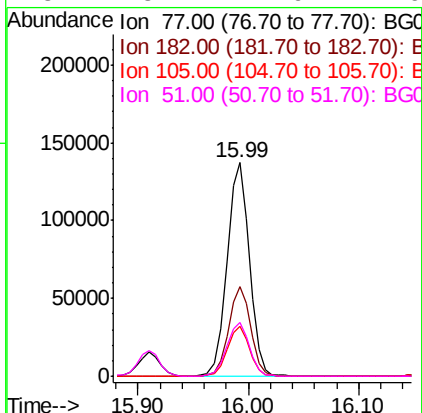
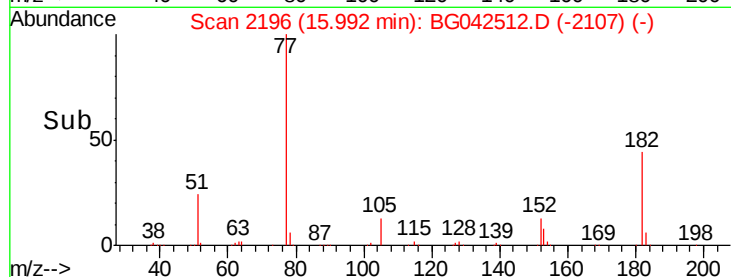
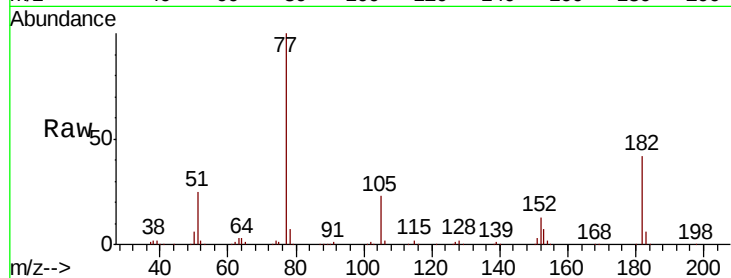




#63
Azobenzene
Concen: 41.007 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

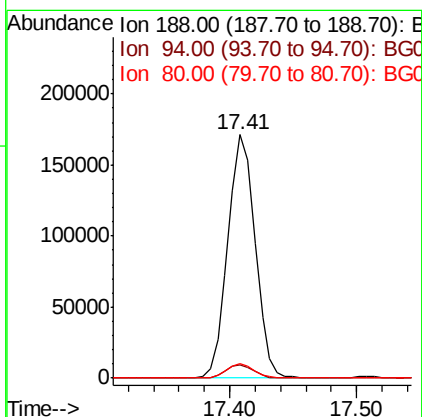
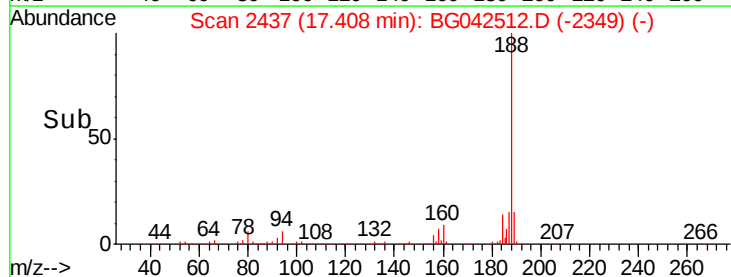
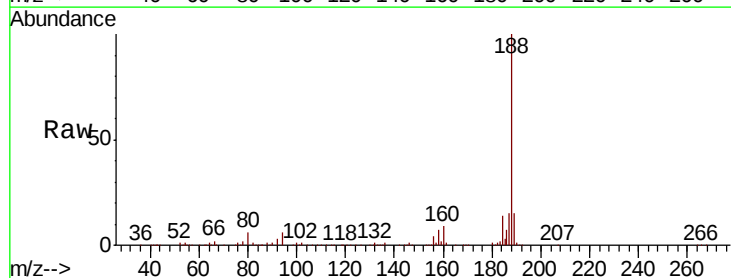
Instrument :
BNA_G
ClientSampleId :

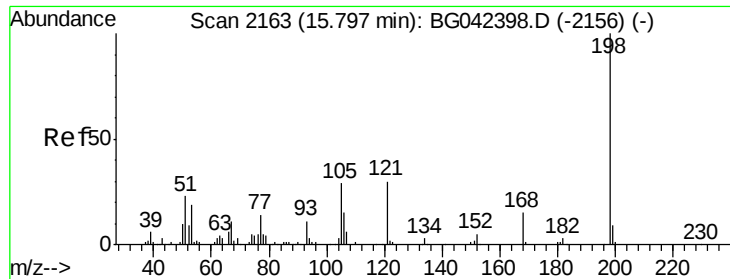
Tot Ion:	77	Resp:	194633
Ion	Ratio	Lower	Upper
77	100		
182	41.9	19.9	59.9
105	23.4	2.9	42.9
51	25.4	7.6	47.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion:	188	Resp:	255892
Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.5	6.7
80	6.1	4.9	7.3





#65

4,6-Dinitro-2-methylphenol

Concen: 31.346 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

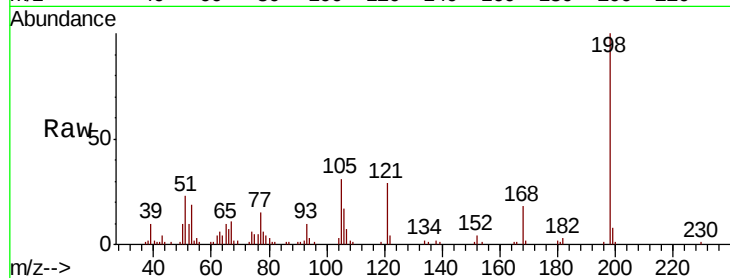
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 50289

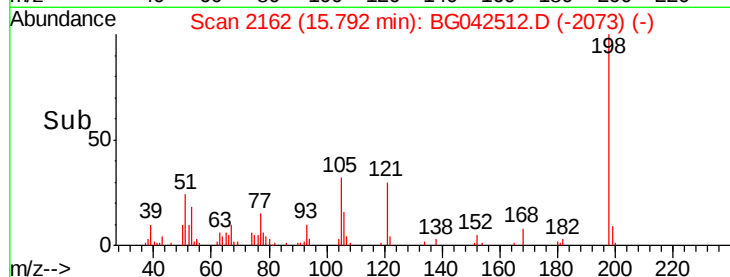
Ion	Ratio	Lower	Upper
198	100		
51	23.0	4.2	44.2
105	31.0	8.8	48.8



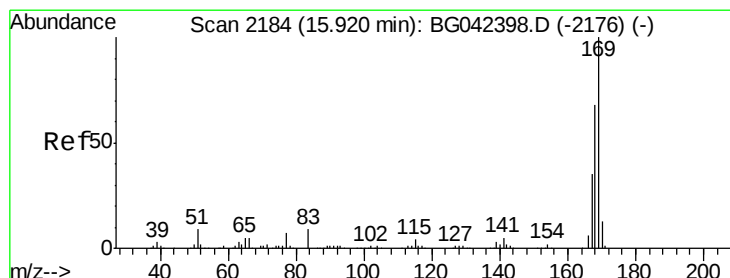
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time--> 15.70 15.80 15.90



#66

n-Nitrosodiphenylamine

Concen: 37.930 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

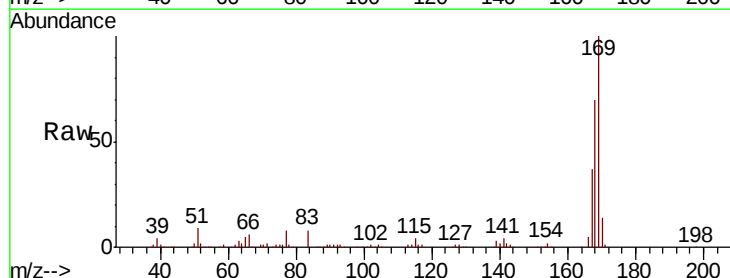
Tgt Ion:169 Resp: 266920

Ion	Ratio	Lower	Upper
169	100		
168	69.7	54.3	81.5
167	36.6	28.2	42.2

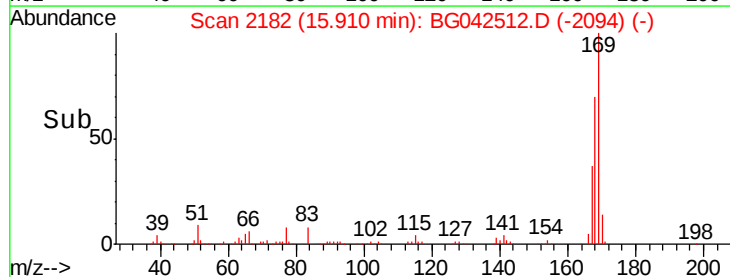
Abundance Ion 169.00 (168.70 to 169.70): E

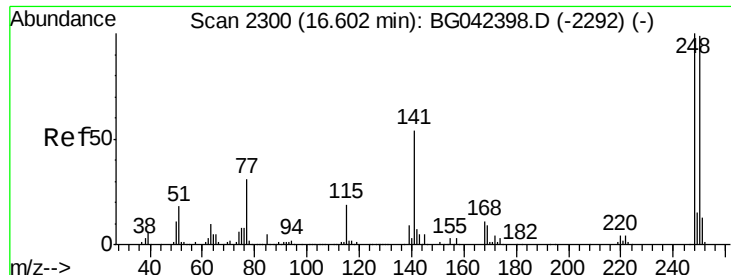
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.80 15.90 16.00

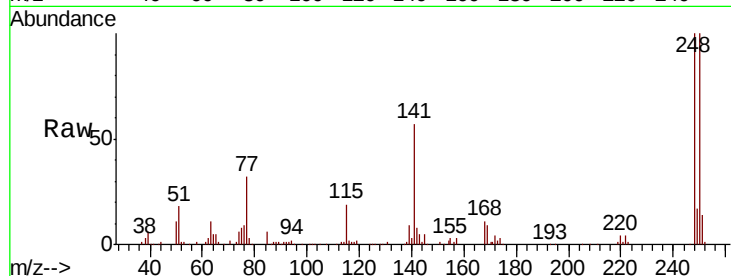




#67
 4-Bromophenyl-phenylether
 Concen: 35.876 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.1	78.9	118.3
141	57.4	43.3	64.9

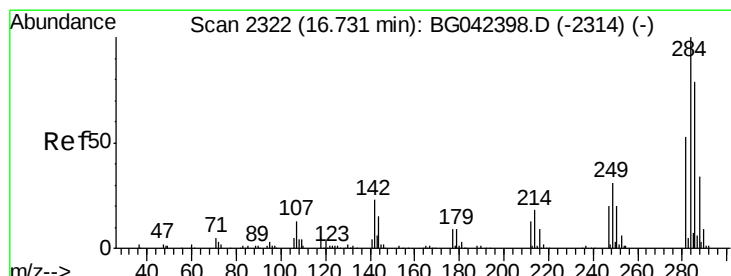
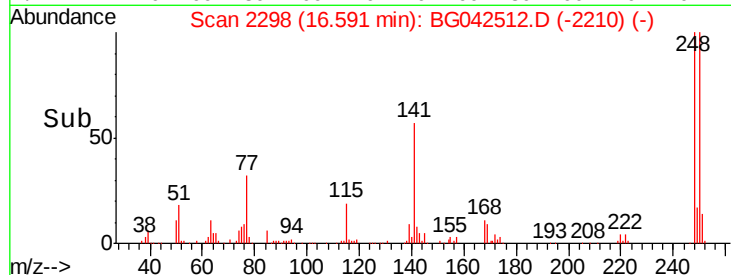
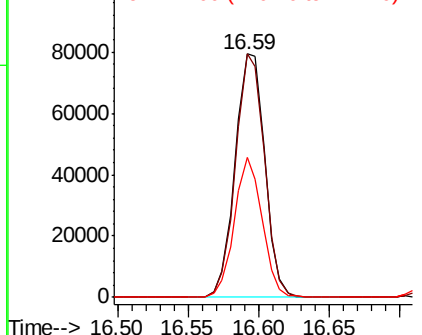


Abundance

Ion 248.00 (247.70 to 248.70): E

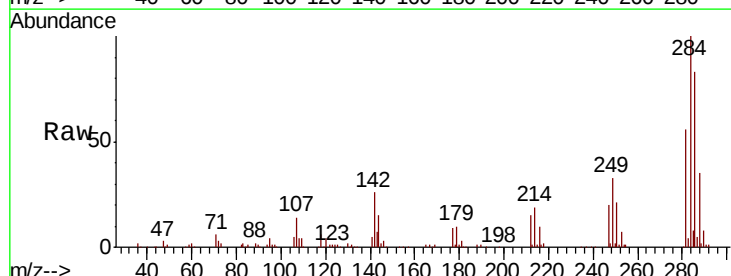
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 35.077 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.2	18.2	27.4
249	33.0	25.0	37.4

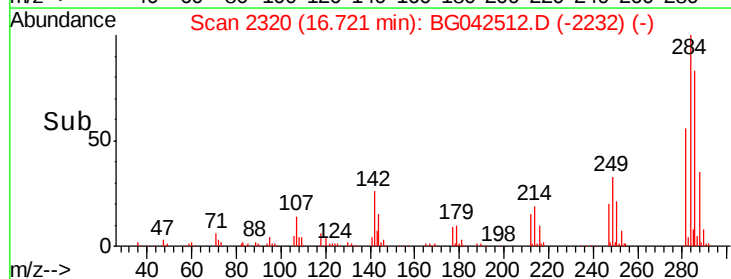
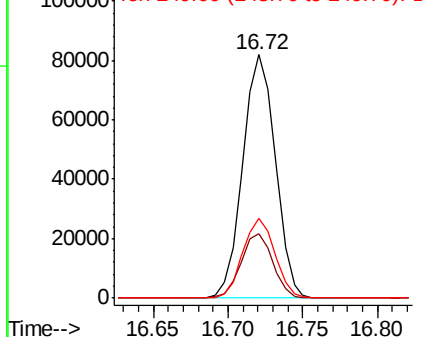


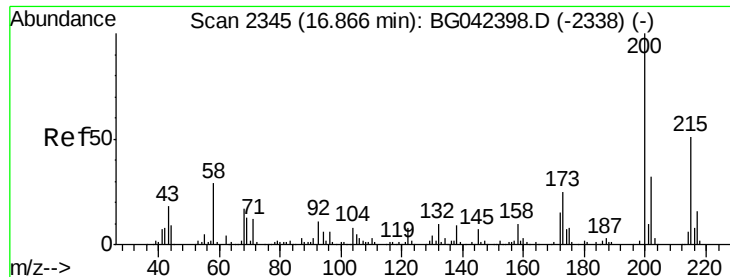
Abundance

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

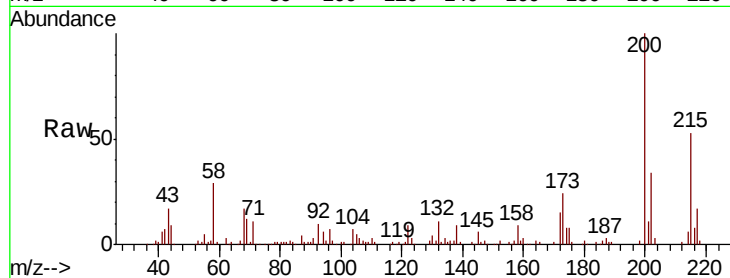




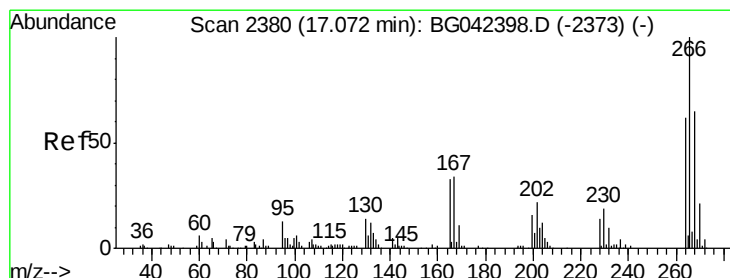
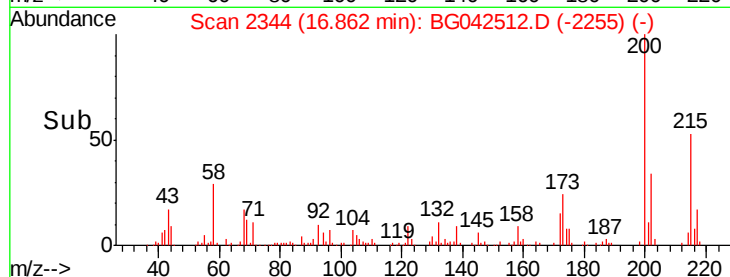
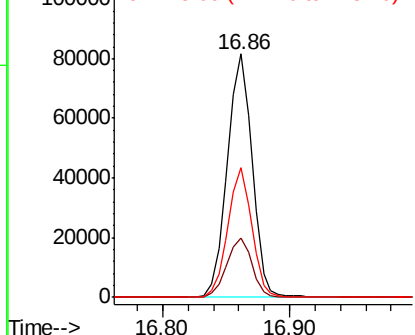
#69
 Atrazine
 Concen: 44.503 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.00 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.9	44.9
215	53.0	30.7	70.7

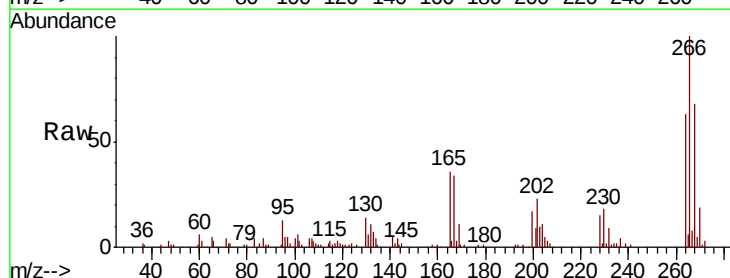


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

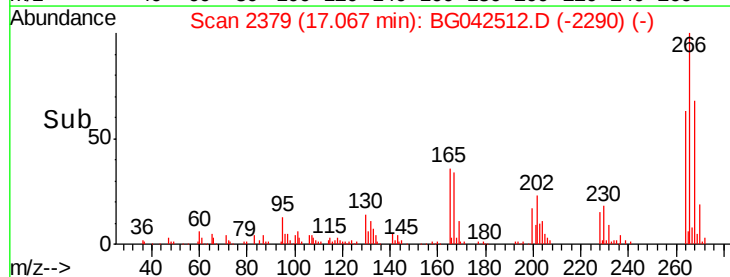
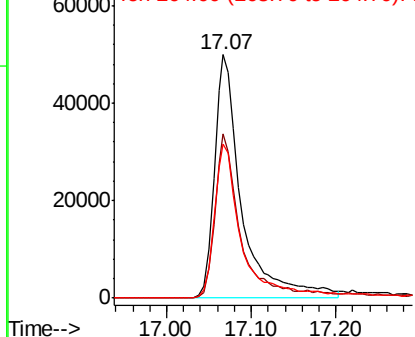


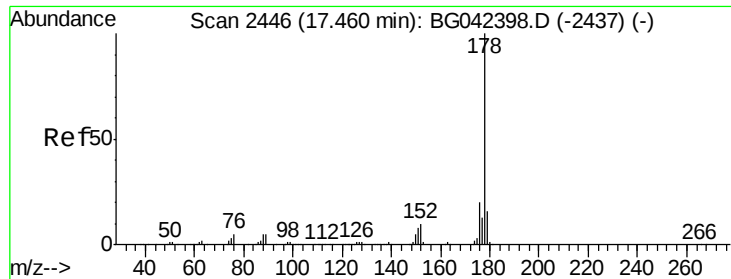
#70
 Pentachlorophenol
 Concen: 61.476 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.00 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.6	52.1	78.1
264	63.1	49.4	74.2



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

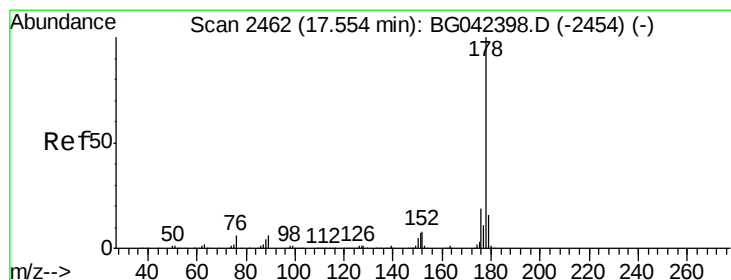
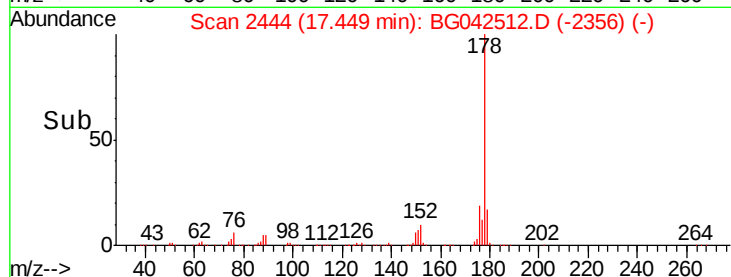
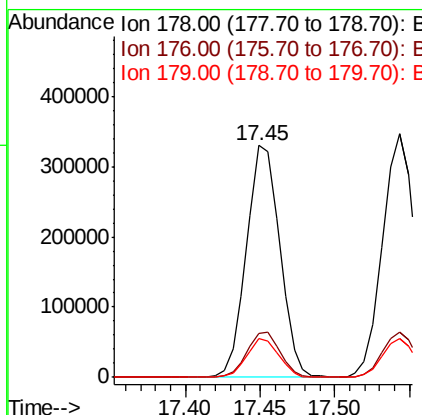
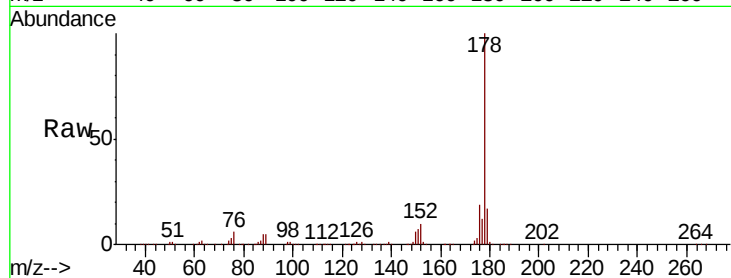




#71
Phenanthrene
Concen: 40.232 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

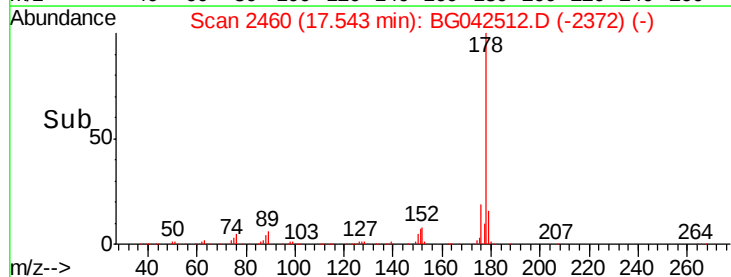
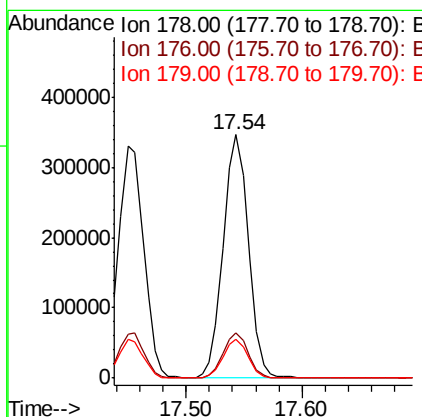
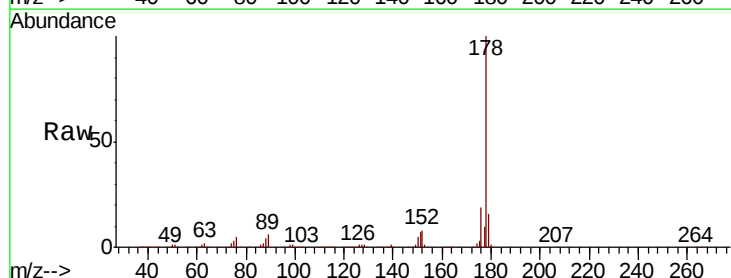
Instrument :
BNA_G
ClientSampleId :

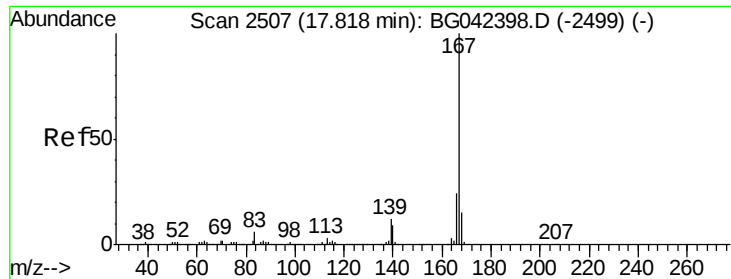
Tot Ion:178 Resp: 511379
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 16.9 12.7 19.1



#72
Anthracene
Concen: 41.319 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion:178 Resp: 524294
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 15.7 12.9 19.3

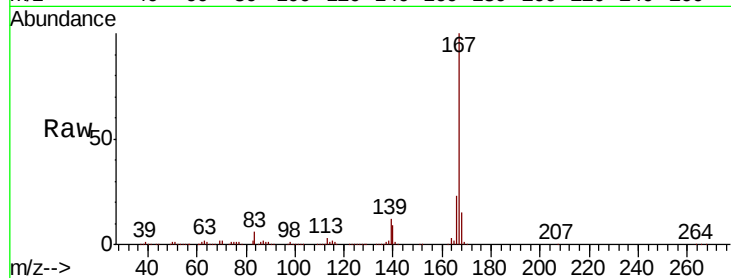




#73
 Carbazole
 Concen: 43.133 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.9	28.3
139	11.8	9.8	14.6

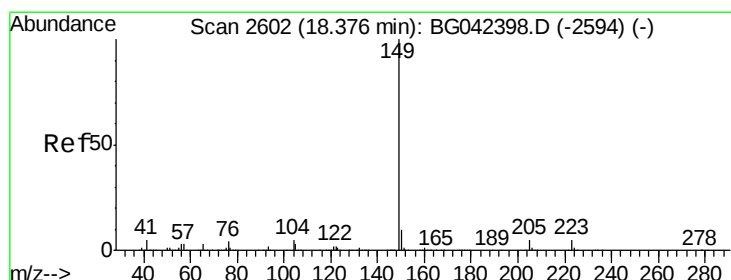
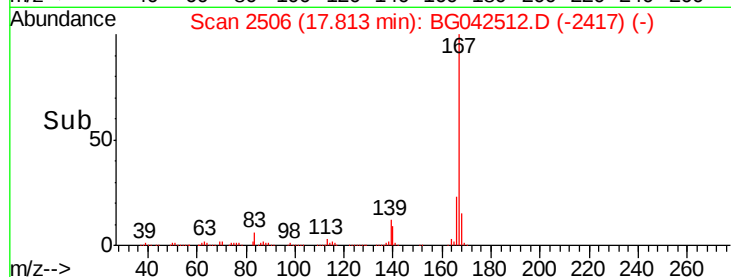
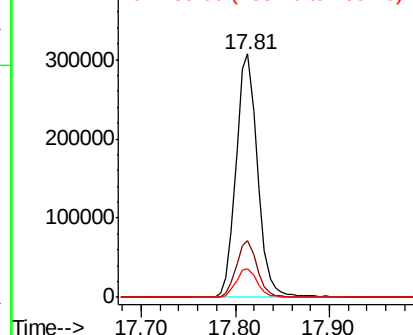


Abundance

Ion 167.00 (166.70 to 167.70): E

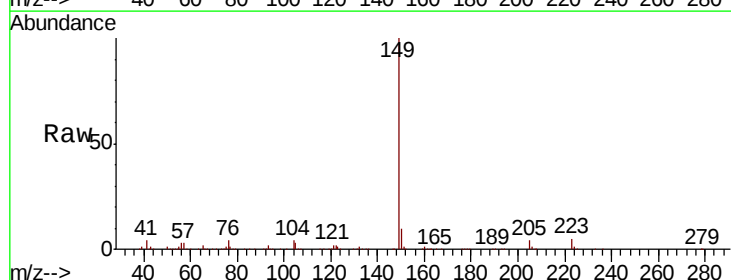
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 43.603 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	4.4	3.7	5.5

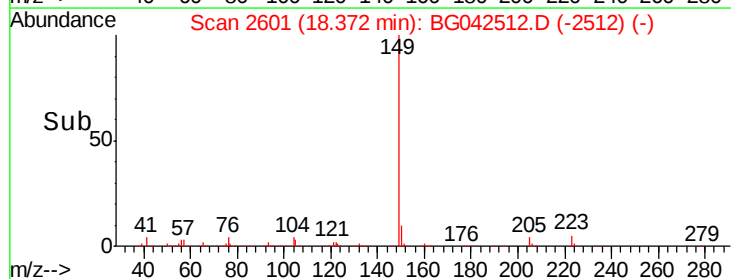
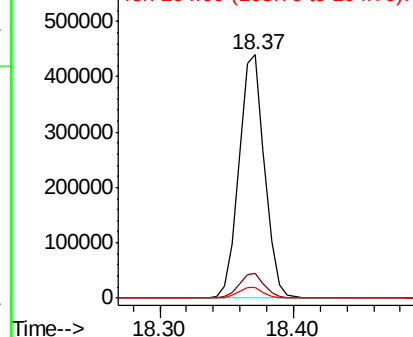


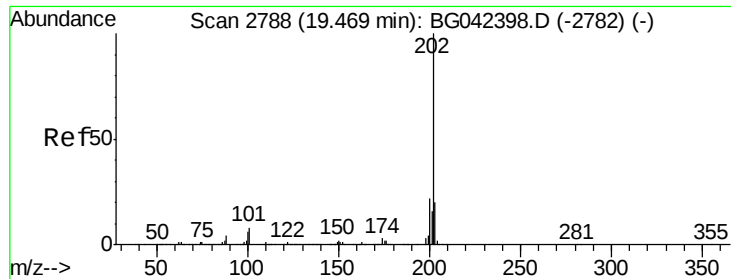
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.793 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

ClientSampleId :

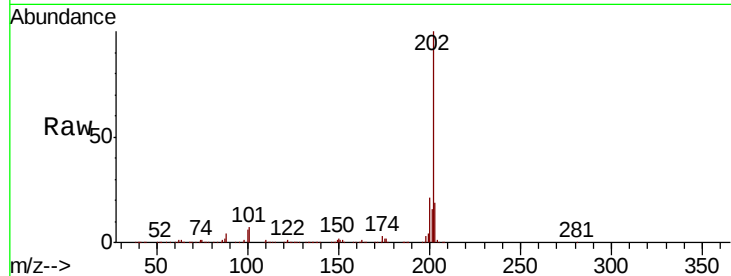
Tot Ion:202 Resp: 725874

Ion Ratio Lower Upper

202 100

101 7.3 0.0 28.3

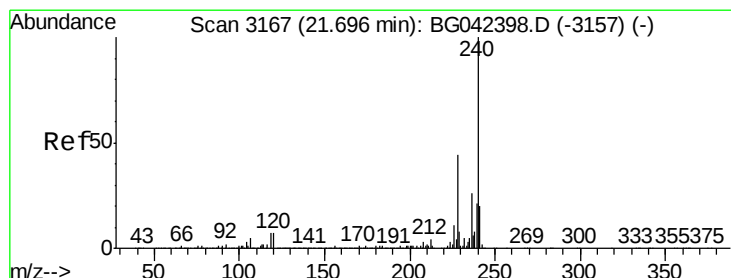
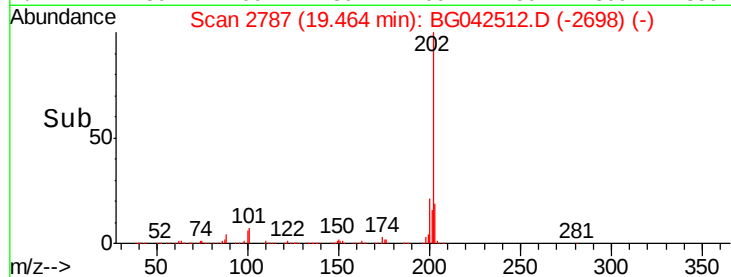
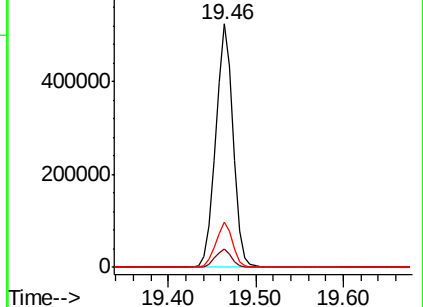
203 18.5 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

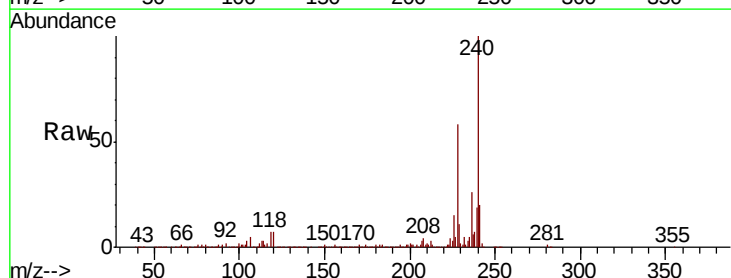
Tgt Ion:240 Resp: 307695

Ion Ratio Lower Upper

240 100

120 6.7 5.7 8.5

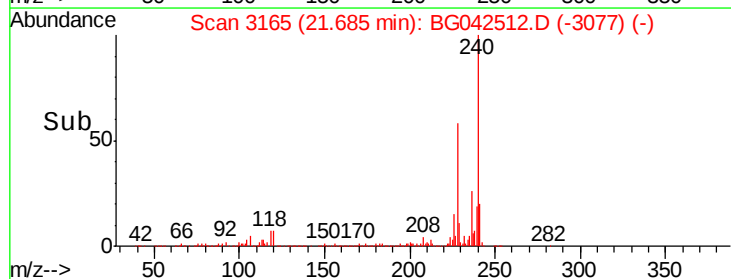
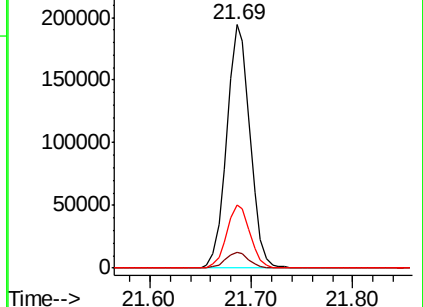
236 25.8 21.0 31.4

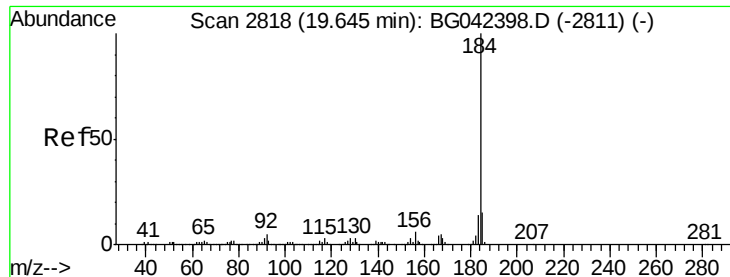


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.349 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

ClientSampleId :

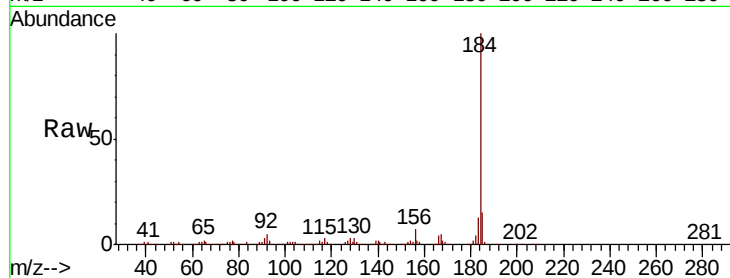
Tot Ion:184 Resp: 355946

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.4

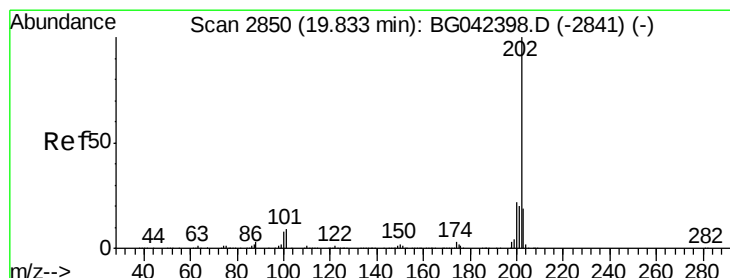
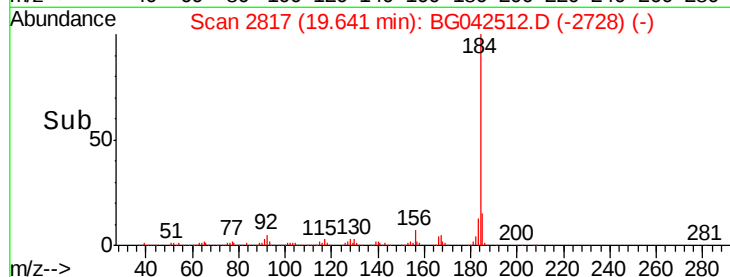
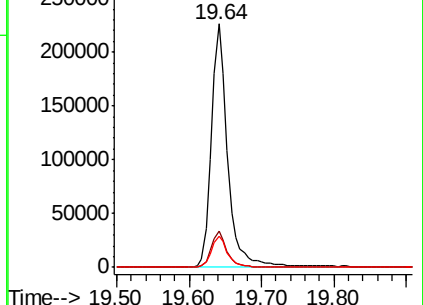
183 12.9 10.8 16.2



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: 39.142 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

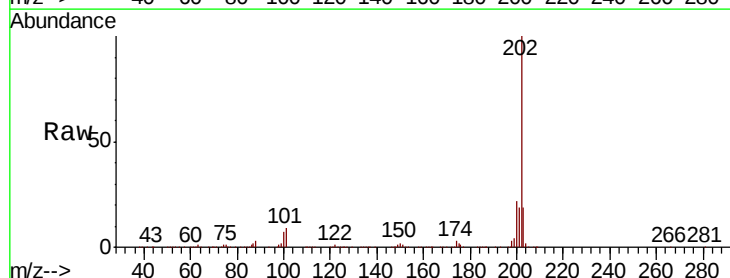
Tgt Ion:202 Resp: 738396

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

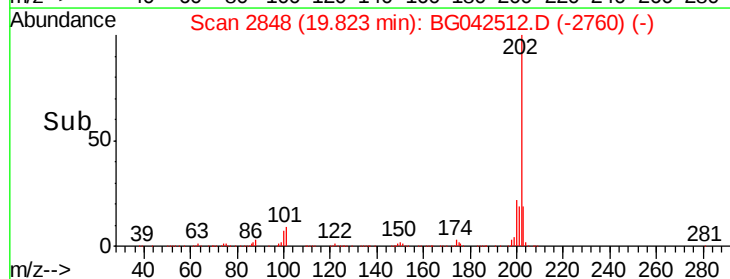
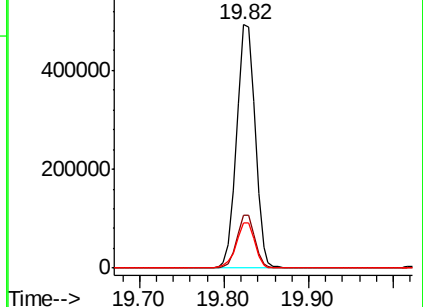
203 18.6 15.5 23.3

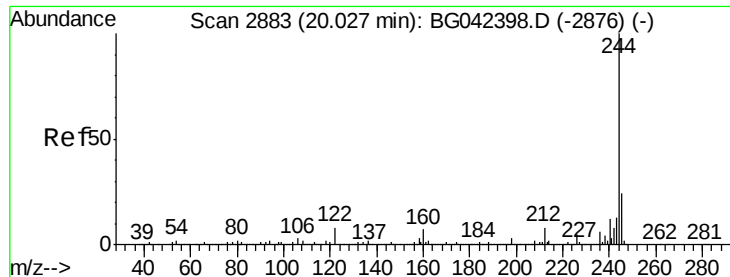


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.618 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

ClientSampled :

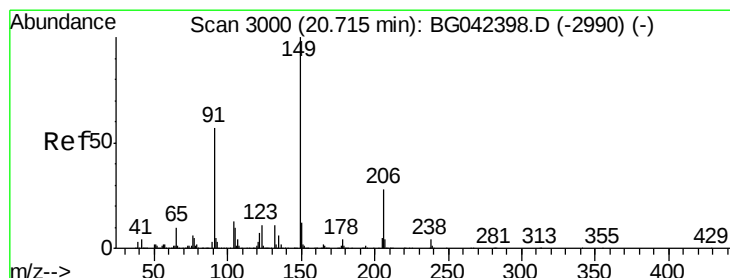
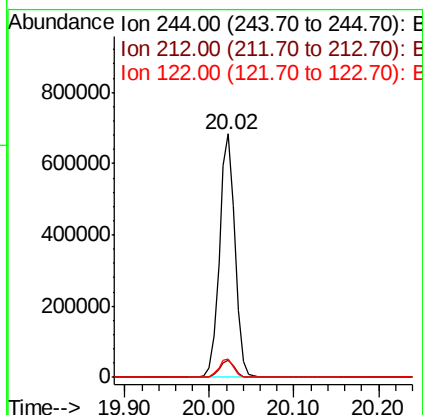
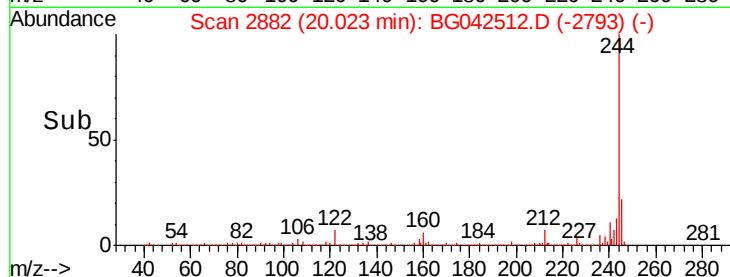
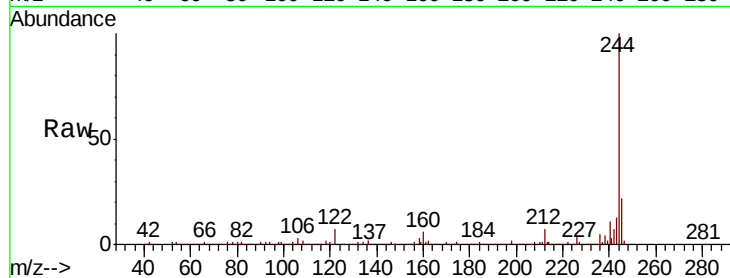
Tot Ion:244 Resp: 876972

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 7.3 6.7 10.1



#80

Butylbenzylphthalate

Concen: 38.122 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

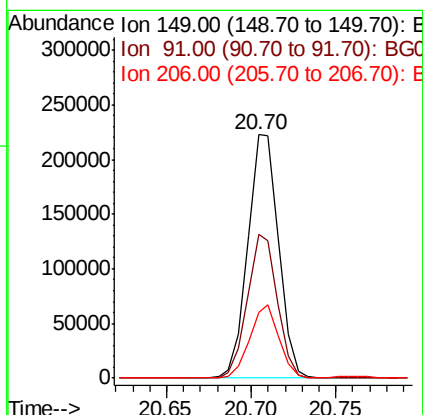
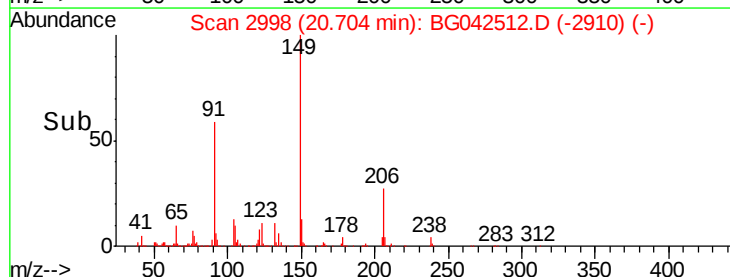
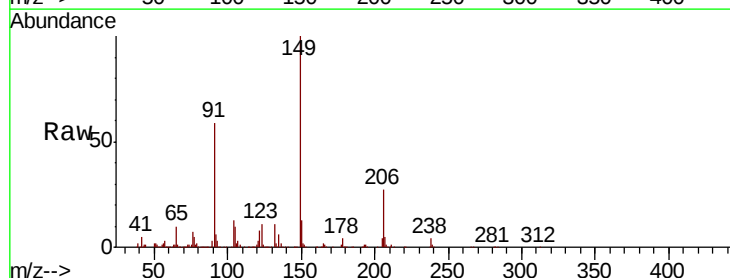
Tgt Ion:149 Resp: 282858

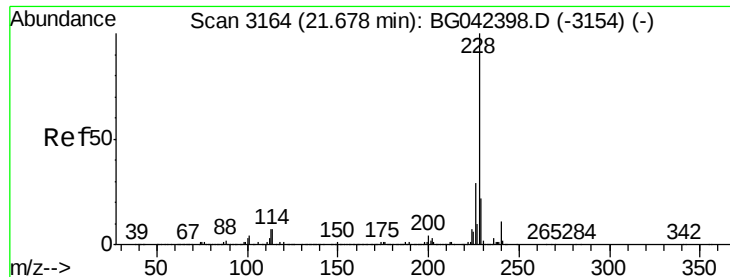
Ion Ratio Lower Upper

149 100

91 59.1 45.9 68.9

206 26.8 22.5 33.7





#81

Benzo(a)anthracene

Concen: 39.818 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

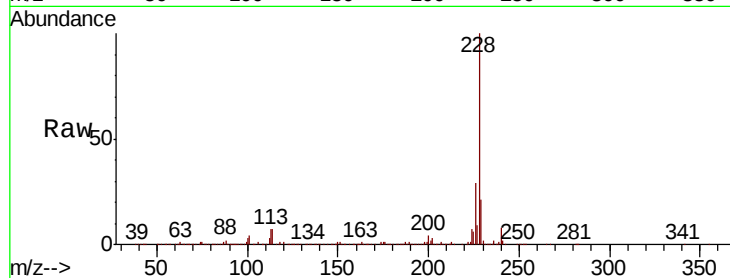
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 745309

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	21.1	17.4	26.2

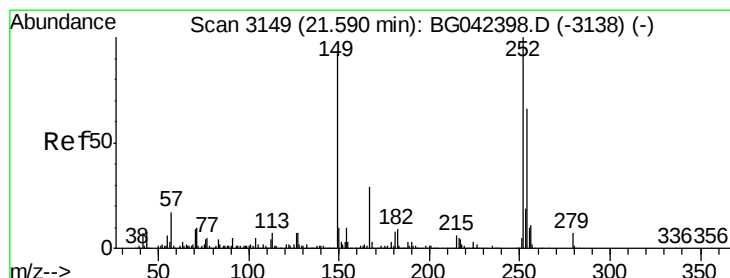
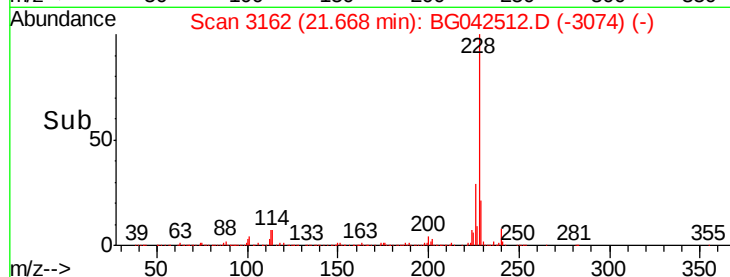
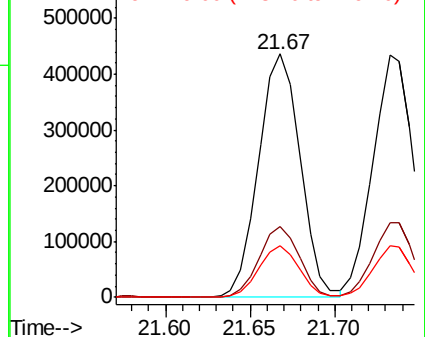


Abundance

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: 28.278 ng

RT: 21.58 min Scan# 3147

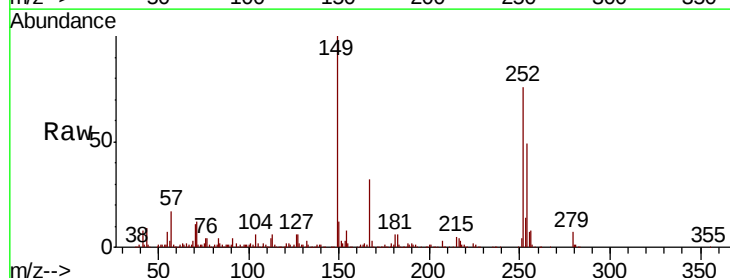
Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Tgt Ion:252 Resp: 212877

Ion	Ratio	Lower	Upper
252	100		
254	64.1	53.0	79.4
126	7.3	5.7	8.5

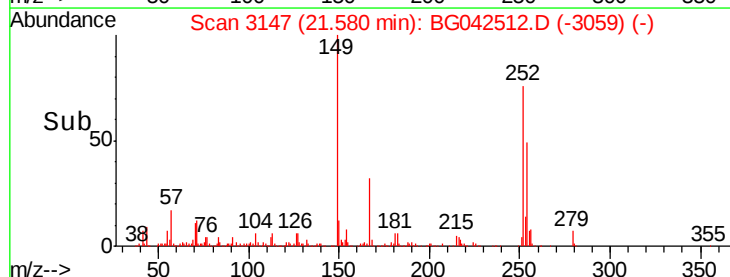
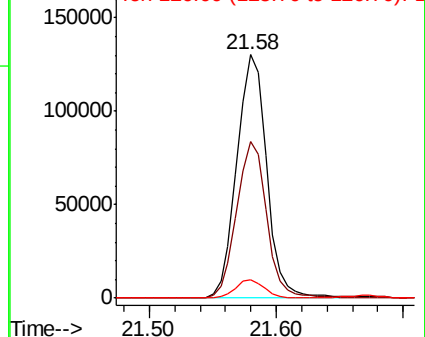


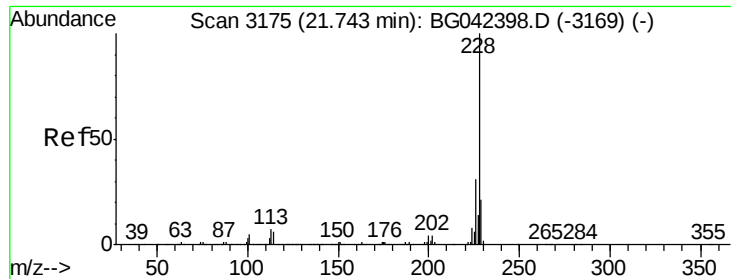
Abundance

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

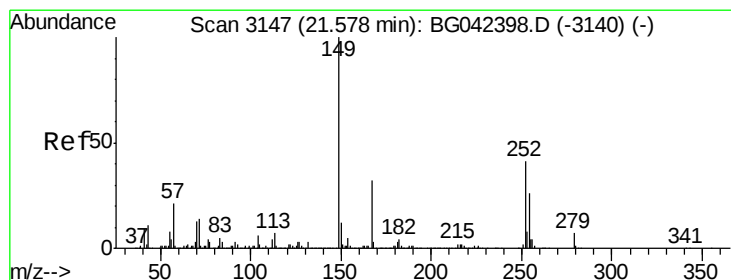
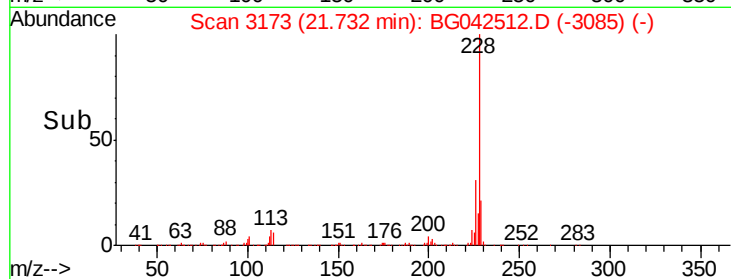
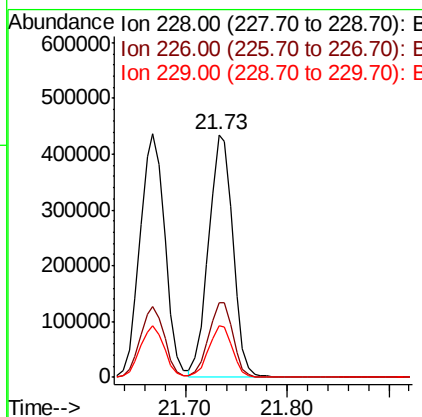
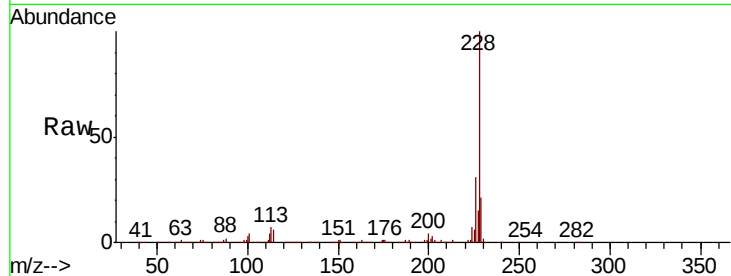




#83
 Chrysene
 Concen: 39.915 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

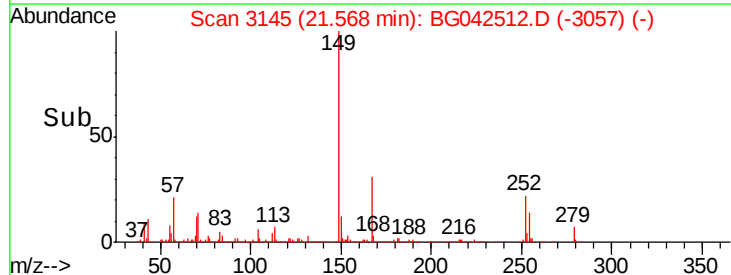
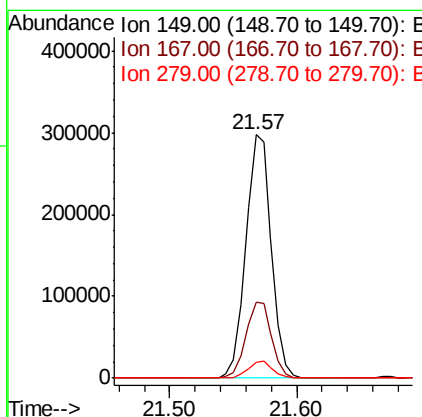
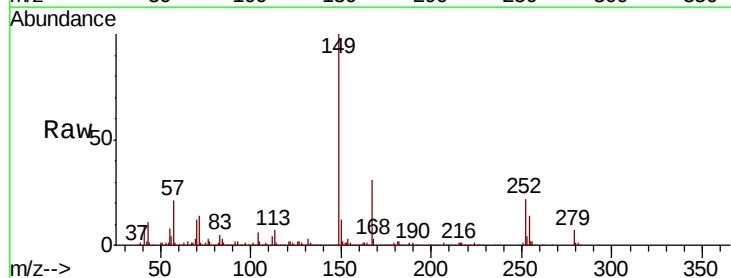
Instrument :
 BNA_G
 ClientSampled :

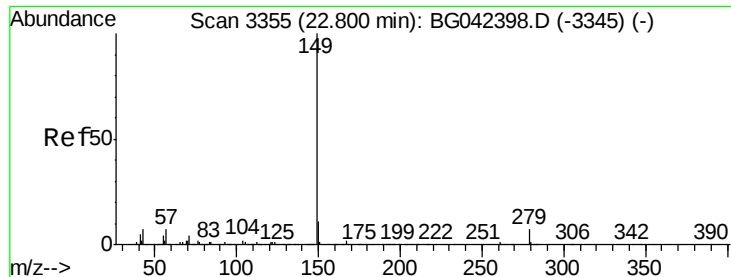
Tot	Ion:228	Resp:	720525
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	21.2	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.142 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion:149	Resp: 413549
Ion Ratio	Lower Upper
149 100	
167 31.2	26.0 39.0
279 6.5	5.4 8.0





#85

Di-n-octyl phthalate

Concen: 40.320 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

ClientSampled :

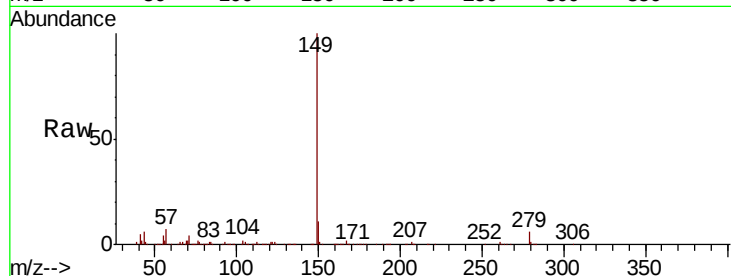
Tot Ion:149 Resp: 714416

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

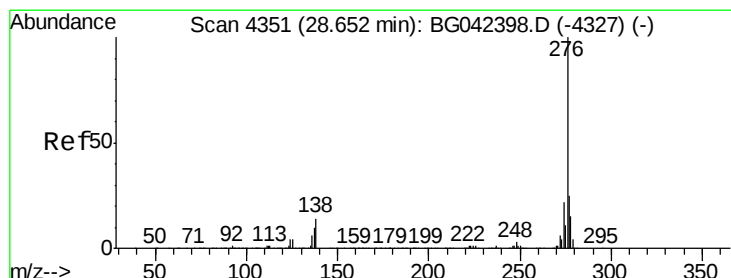
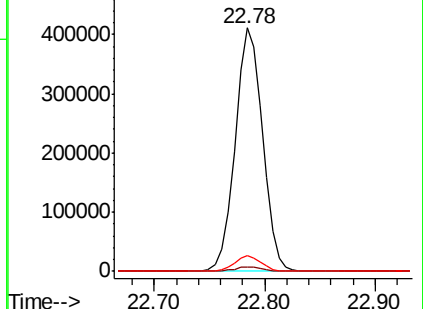
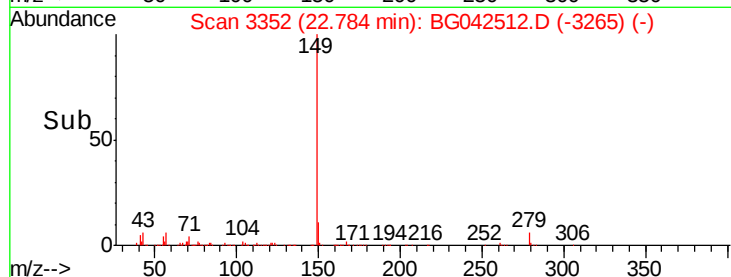
43 6.1 5.3 7.9



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: 39.486 ng

RT: 28.63 min Scan# 4347

Delta R.T. -0.02 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

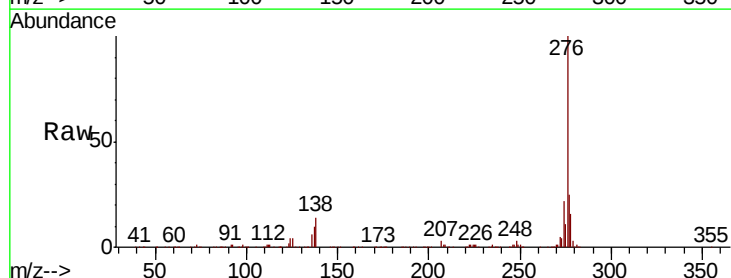
Tgt Ion:276 Resp: 968663

Ion Ratio Lower Upper

276 100

138 16.9 9.2 13.8#

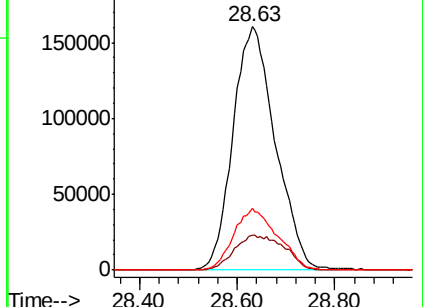
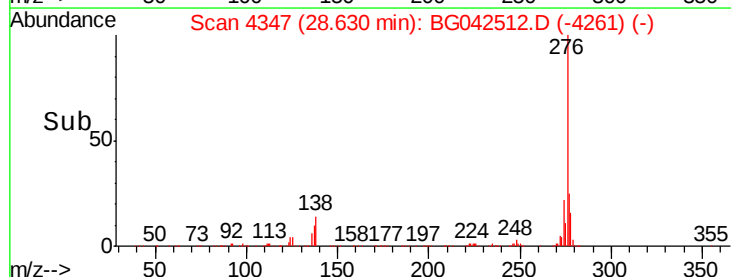
277 26.2 21.0 31.6

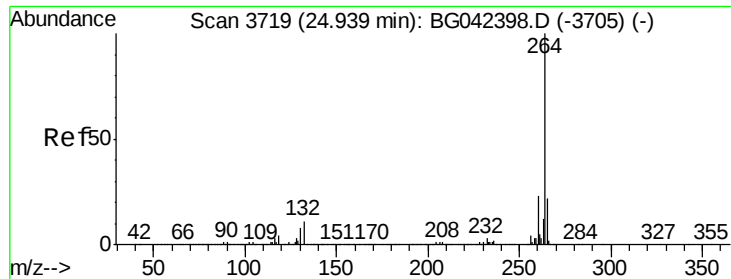


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



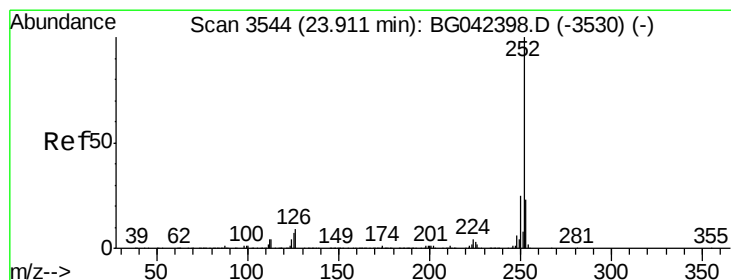
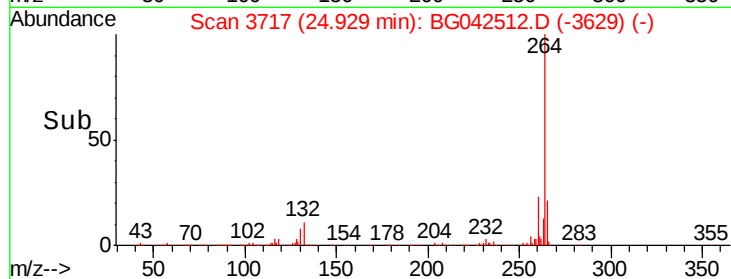
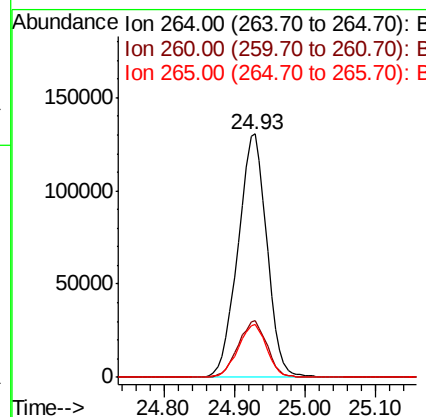
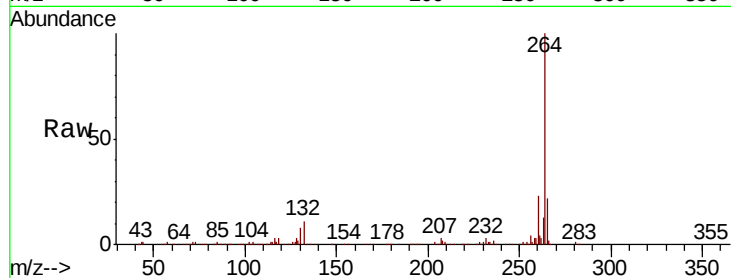


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 371445

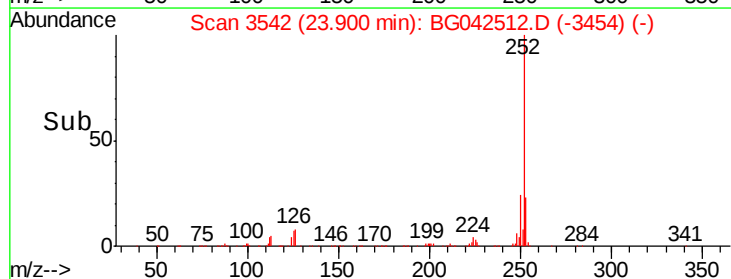
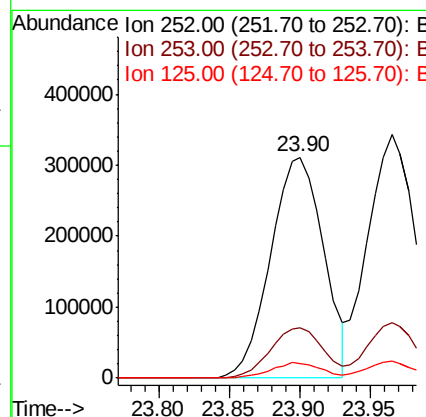
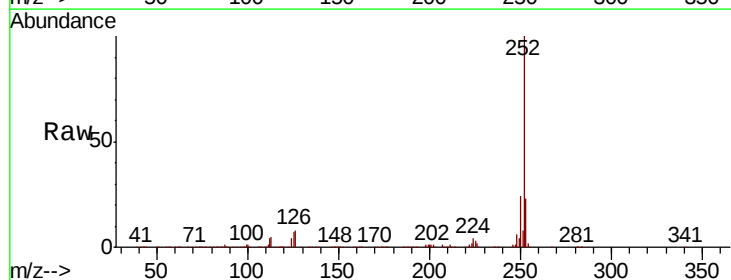
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.6	17.6	26.4

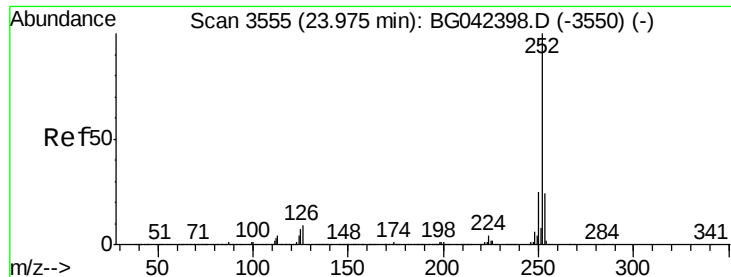


#88
Benzo(b)fluoranthene
Concen: 39.882 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion:252 Resp: 814413

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	6.7	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 41.531 ng

RT: 23.97 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

ClientSampleId :

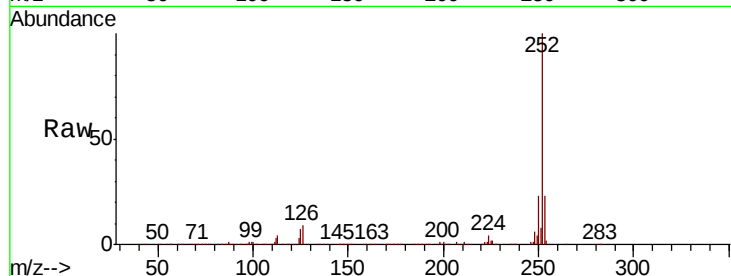
Tot Ion:252 Resp: 815189

Ion Ratio Lower Upper

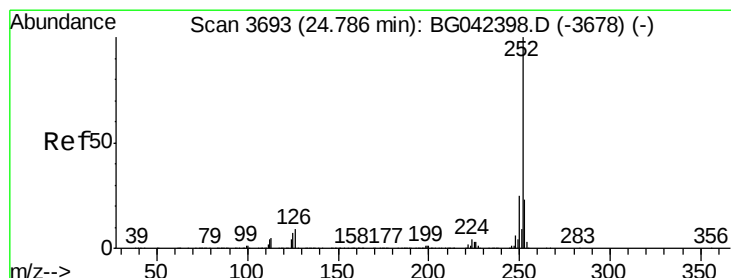
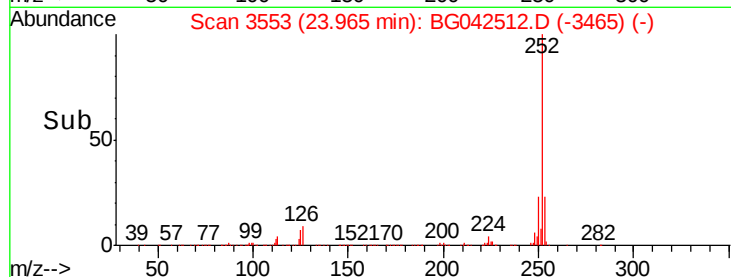
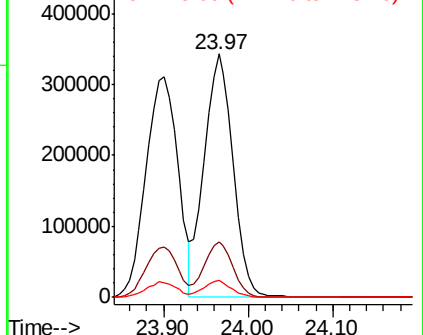
252 100

253 22.8 18.6 27.8

125 6.9 5.8 8.6



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



#90

Benzo(a)pyrene

Concen: 41.809 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

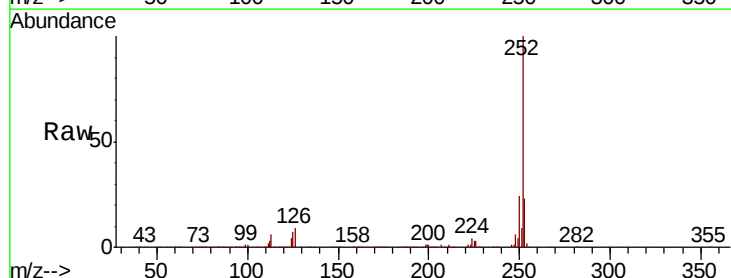
Tgt Ion:252 Resp: 810153

Ion Ratio Lower Upper

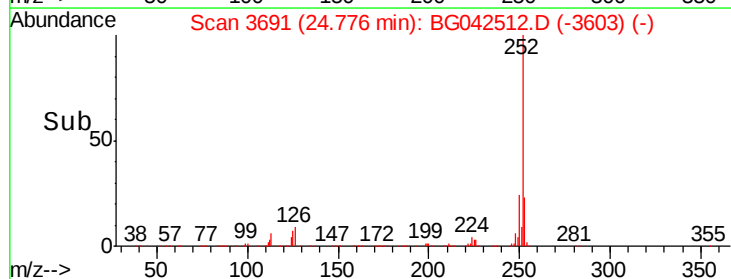
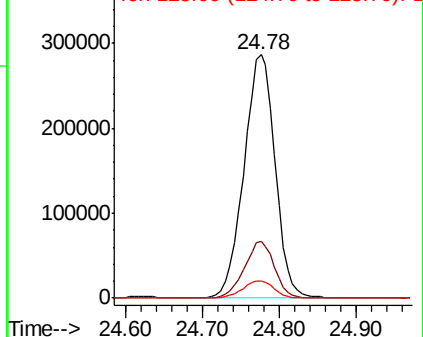
252 100

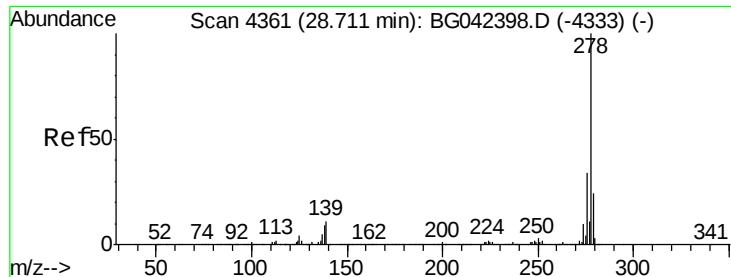
253 23.1 18.4 27.6

125 7.0 6.0 9.0



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

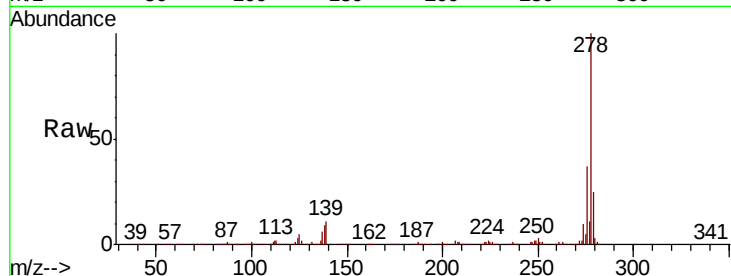




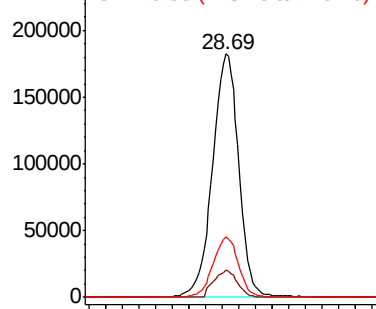
#91
Dibenzo(a,h)anthracene
Concen: 40.814 ng
RT: 28.69 min Scan# 4357
Delta R.T. -0.02 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampled :

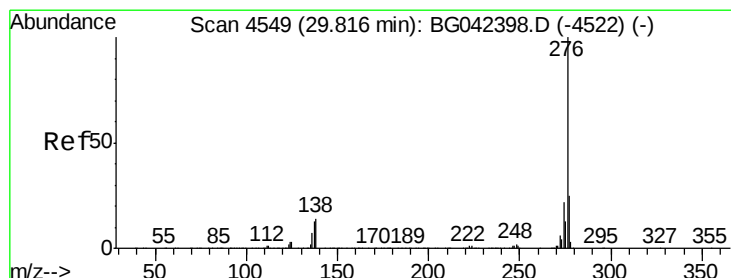
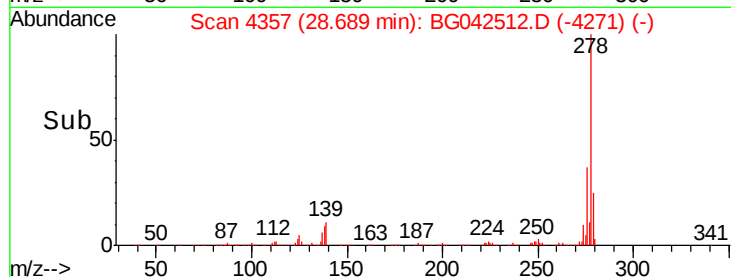
Tot Ion	Ratio	Lower	Upper
278	100		
139	11.1	8.8	13.2
279	24.8	19.1	28.7



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

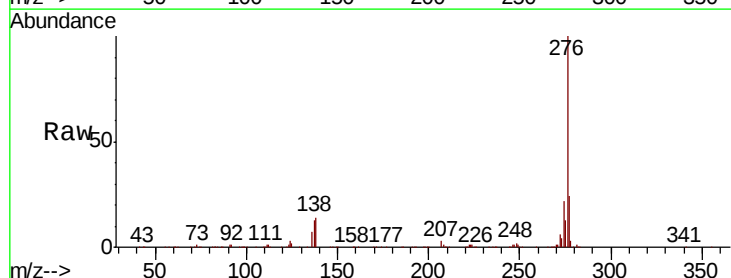


Time--> 28.40 28.60 28.80 29.00

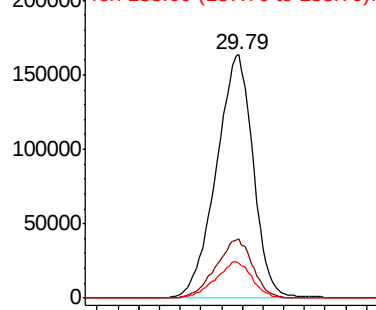


#92
Benzo(g,h,i)perylene
Concen: 41.169 ng
RT: 29.79 min Scan# 4545
Delta R.T. -0.02 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.8
138	14.2	11.4	17.0



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



Time--> 29.60 29.80 30.00

