

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
 Data File : BG038219.D
 Acq On : 29 Nov 2018 3:46
 Operator : JU/SJ
 Sample : PB115103BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115103BSD

Quant Time: Nov 29 04:53:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34000	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	147014	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	92257	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	217083	20.00	ng	0.00
76) Chrysene-d12	21.75	240	206532	20.00	ng	0.00
87) Perylene-d12	25.07	264	218198	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	168553	85.59	ng	0.00
7) Phenol-d6	7.23	99	230094	81.86	ng	0.00
23) Nitrobenzene-d5	9.26	82	209684	76.35	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	81722	77.67	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	479423	75.71	ng	0.00
79) Terphenyl-d14	20.07	244	732091	83.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	24983	26.859	ng	# 94
3) Pyridine	3.92	79	75384	28.411	ng	95
4) n-Nitrosodimethylamine	3.84	42	39349	40.877	ng	92
6) Aniline	7.41	93	36719	10.121	ng	97
8) 2-Chlorophenol	7.64	128	89282	39.074	ng	98
9) Benzaldehyde	7.22	77	57841	28.454	ng	99
10) Phenol	7.26	94	119098	40.000	ng	97
11) bis(2-Chloroethyl)ether	7.50	93	82513	33.946	ng	97
12) 1,3-Dichlorobenzene	7.97	146	89528	34.011	ng	98
13) 1,4-Dichlorobenzene	8.12	146	91610	34.452	ng	96
14) 1,2-Dichlorobenzene	8.44	146	88087	34.698	ng	97
15) Benzyl Alcohol	8.32	79	81696	40.166	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	174585	38.680	ng	98
17) 2-Methylphenol	8.52	107	80710	40.095	ng	99
18) Hexachloroethane	9.16	117	33785	34.911	ng	90
19) n-Nitroso-di-n-propylamine	8.89	70	69807	34.321	ng	97
20) 3+4-Methylphenols	8.85	107	109464	38.360	ng	99
22) Acetophenone	8.92	105	131685	36.001	ng	# 98
24) Nitrobenzene	9.30	77	106970	38.075	ng	98
25) Isophorone	9.82	82	193816	39.209	ng	98
26) 2-Nitrophenol	10.02	139	51579	36.775	ng	94
27) 2,4-Dimethylphenol	10.06	122	91471	43.286	ng	92
28) bis(2-Chloroethoxy)methane	10.30	93	116252	36.778	ng	96
29) 2,4-Dichlorophenol	10.54	162	93939	39.521	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	93771	35.205	ng	96
31) Naphthalene	10.96	128	278944	38.577	ng	100
32) Benzoic acid	10.16	122	38288	33.242	ng	92
33) 4-Chloroaniline	11.07	127	27452	8.162	ng	99
34) Hexachlorobutadiene	11.21	225	55442	33.821	ng	94
35) Caprolactam	11.85	113	32612	34.278	ng	# 82
36) 4-Chloro-3-methylphenol	12.17	107	102867	39.613	ng	91
37) 2-Methylnaphthalene	12.55	142	205752	39.614	ng	99
38) 1-Methylnaphthalene	12.77	142	196140	39.231	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	107126	34.749	ng	99

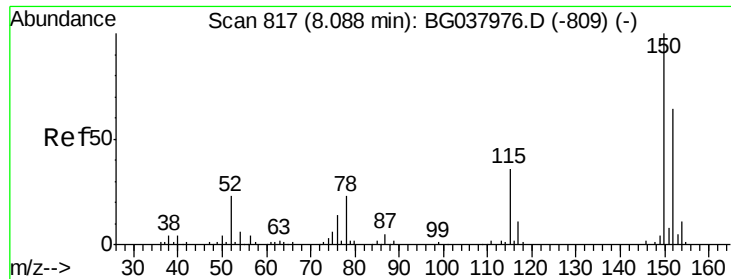
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
 Data File : BG038219.D
 Acq On : 29 Nov 2018 3:46
 Operator : JU/SJ
 Sample : PB115103BSD
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	125495	76.022	ng	99
43) 2,4,6-Trichlorophenol	13.15	196	77616	36.947	ng	99
44) 2,4,5-Trichlorophenol	13.22	196	84284	38.131	ng	95
46) 1,1'-Biphenyl	13.55	154	264841	34.170	ng	99
47) 2-Chloronaphthalene	13.60	162	211143	35.700	ng	99
48) 2-Nitroaniline	13.81	65	74456	40.000	ng	99
49) Acenaphthylene	14.45	152	349972	39.350	ng	100
50) Dimethylphthalate	14.17	163	267535	36.579	ng	99
51) 2,6-Dinitrotoluene	14.30	165	61221	36.984	ng	97
52) Acenaphthene	14.79	154	198174	37.012	ng	97
53) 3-Nitroaniline	14.63	138	25633	14.033	ng	# 97
54) 2,4-Dinitrophenol	14.84	184	28157	37.143	ng	90
55) Dibenzofuran	15.12	168	324243	36.623	ng	96
56) 4-Nitrophenol	14.93	139	93695	66.508	ng	92
57) 2,4-Dinitrotoluene	15.09	165	88049	39.094	ng	96
58) Fluorene	15.77	166	259077	39.219	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	73331	39.648	ng	96
60) Diethylphthalate	15.52	149	282376	36.349	ng	98
61) 4-Chlorophenyl-phenylether	15.75	204	135317	35.008	ng	98
62) 4-Nitroaniline	15.80	138	66591	36.698	ng	95
63) Azobenzene	16.04	77	266969	38.436	ng	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	34170	24.886	ng	97
66) n-Nitrosodiphenylamine	15.97	169	237729	36.199	ng	98
67) 4-Bromophenyl-phenylether	16.65	248	86040	36.111	ng	98
68) Hexachlorobenzene	16.76	284	86266	35.076	ng	98
69) Atrazine	16.91	200	90275	37.289	ng	98
70) Pentachlorophenol	17.11	266	86021	51.499	ng	96
71) Phenanthrene	17.51	178	436305	39.256	ng	99
72) Anthracene	17.60	178	445926	40.702	ng	100
73) Carbazole	17.88	167	400472	36.433	ng	99
74) Di-n-butylphthalate	18.41	149	488639	39.602	ng	98
75) Fluoranthene	19.52	202	517217	40.788	ng	99
77) Benzidine	19.70	184	114015	15.733	ng	100
78) Pyrene	19.88	202	523305	38.754	ng	97
80) Butylbenzylphthalate	20.75	149	225876	38.251	ng	98
81) Benzo(a)anthracene	21.73	228	495458	39.697	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	77457	15.932	ng	99
83) Chrysene	21.80	228	464344	38.885	ng	96
84) Bis(2-ethylhexyl)phthalate	21.60	149	319651	37.957	ng	99
85) Di-n-octyl phthalate	22.84	149	544209	39.945	ng	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	489934	36.941	ng	97
88) Benzo(b)fluoranthene	24.01	252	482207	40.159	ng	99
89) Benzo(k)fluoranthene	24.08	252	466276	39.353	ng	99
90) Benzo(a)pyrene	24.92	252	470295	40.983	ng	99
91) Dibenzo(a,h)anthracene	28.95	278	380174	34.432	ng	98
92) Benzo(g,h,i)perylene	30.09	276	394494	35.933	ng	97

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

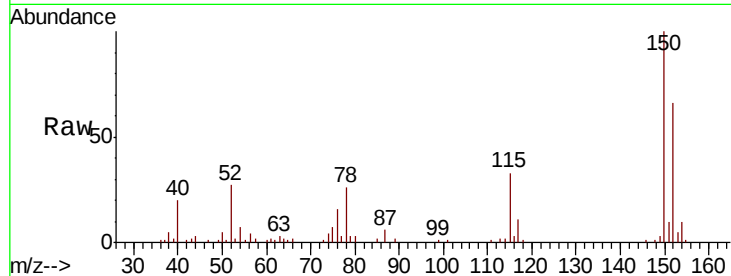


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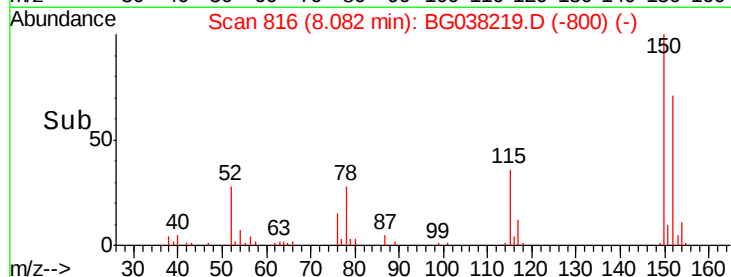
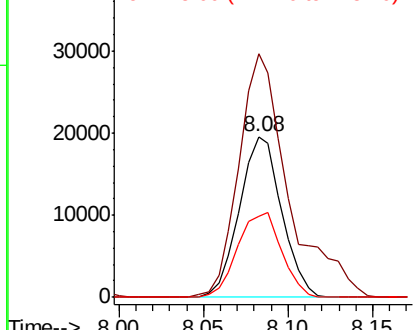
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tgt Ion:152 Resp: 34000
Ion Ratio Lower Upper
152 100
150 151.2 126.0 189.0
115 50.5 45.5 68.3



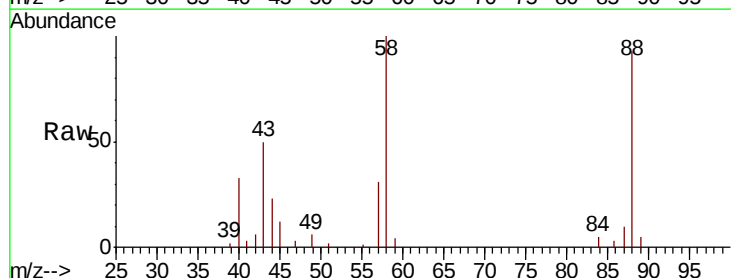
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



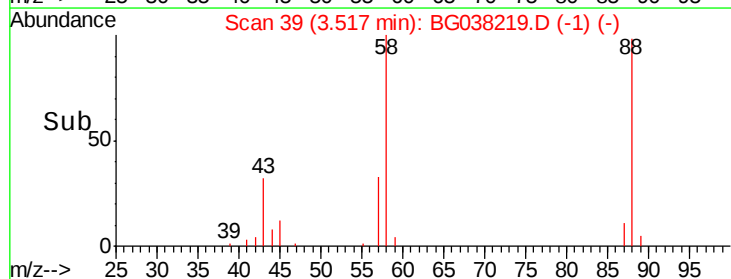
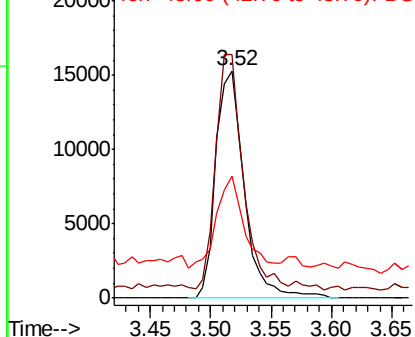
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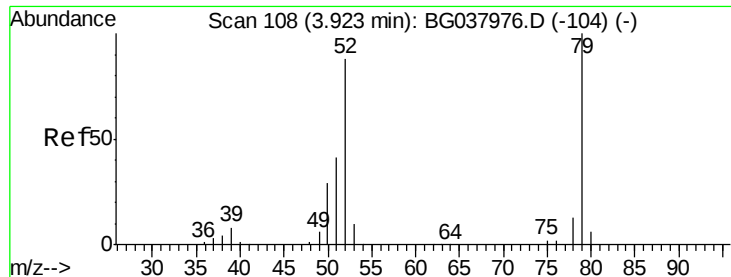
1,4-Dioxane
Concen: 26.859 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion: 88 Resp: 24983
Ion Ratio Lower Upper
88 100
58 97.1 74.4 111.6
43 38.8 25.8 38.8#



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





#3

Pyridine

Concen: 28.411 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

ClientSampleId :

PB115103BSD

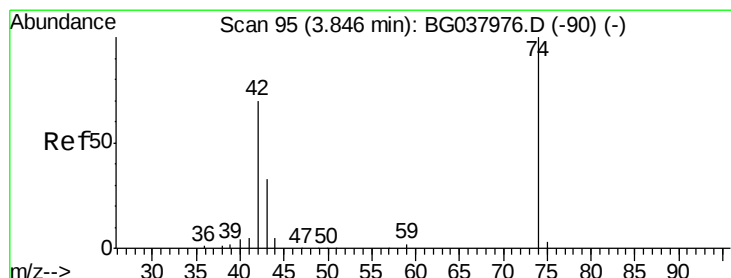
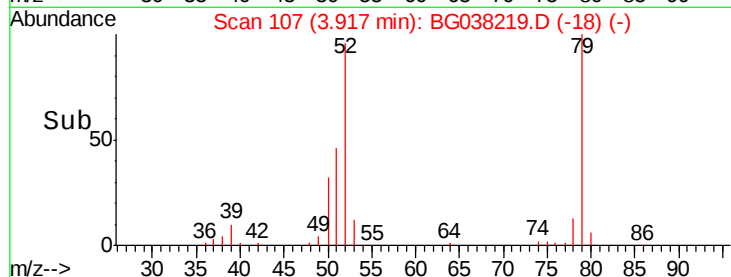
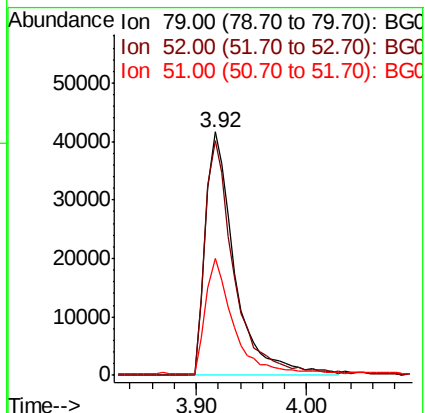
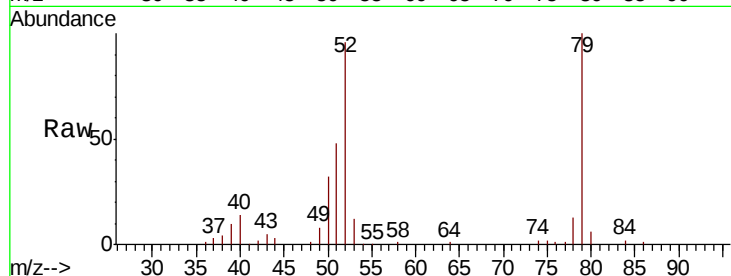
Tgt Ion: 79 Resp: 75384

Ion Ratio Lower Upper

79 100

52 96.3 74.2 111.2

51 47.8 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 40.877 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

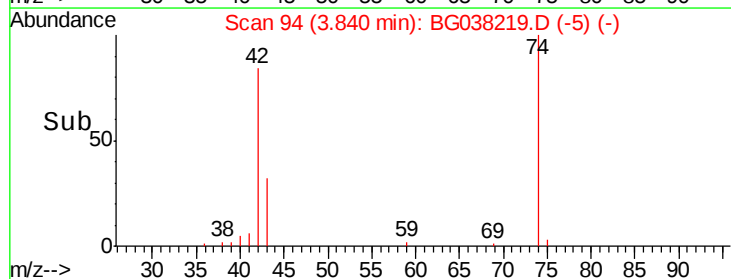
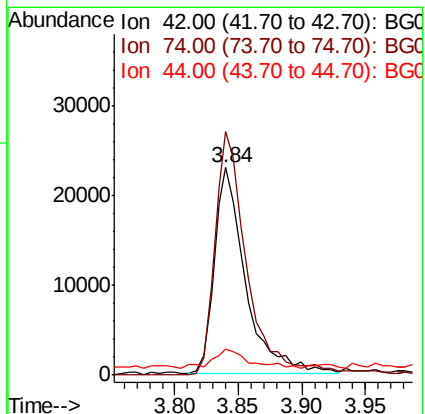
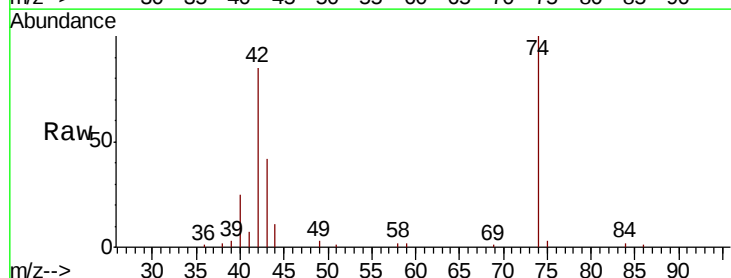
Tgt Ion: 42 Resp: 39349

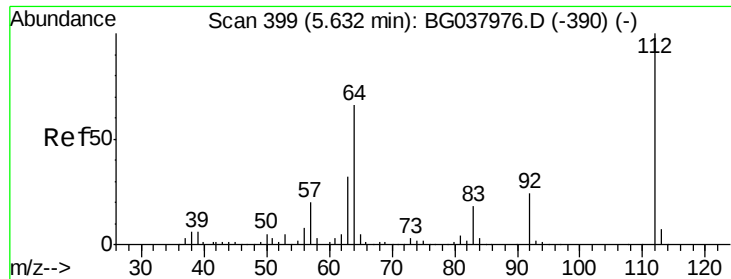
Ion Ratio Lower Upper

42 100

74 117.5 102.0 153.0

44 12.7 9.6 14.4





#5

2-Fluorophenol

Concen: 85.593 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

ClientSampleId :

PB115103BSD

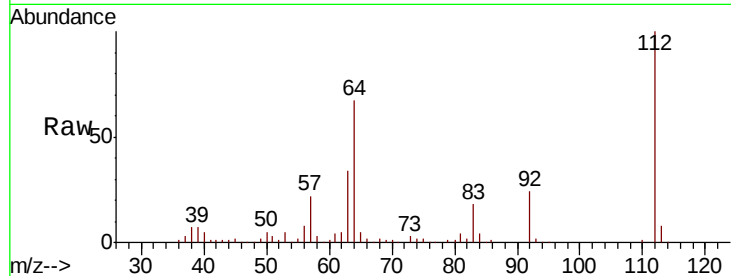
Tgt Ion: 112 Resp: 168553

Ion Ratio Lower Upper

112 100

64 66.9 53.1 79.7

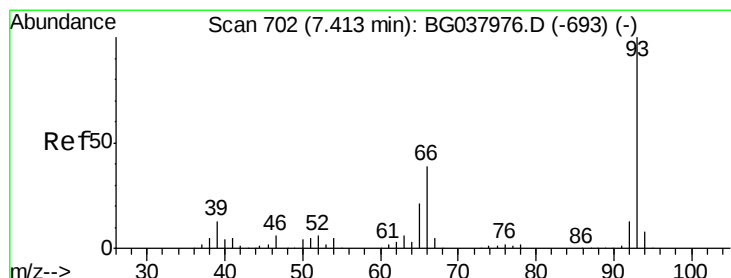
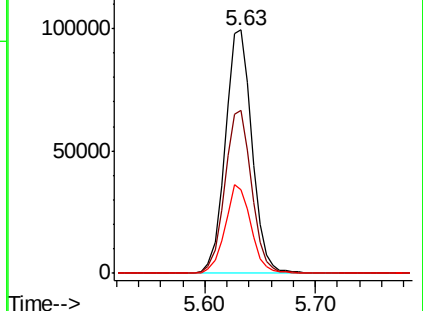
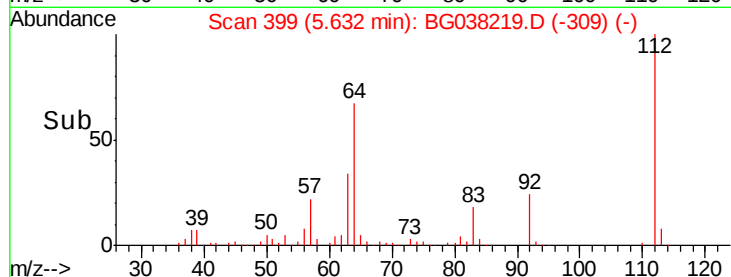
63 34.5 27.3 40.9



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: 10.121 ng

RT: 7.41 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

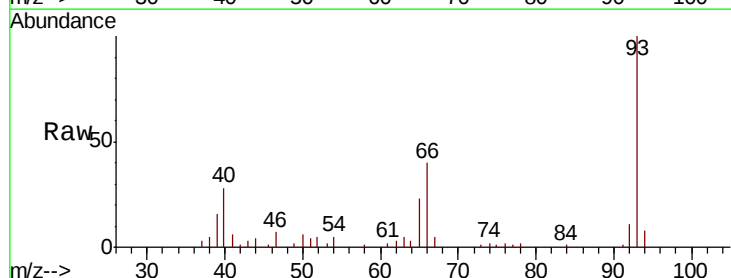
Tgt Ion: 93 Resp: 36719

Ion Ratio Lower Upper

93 100

66 40.0 32.8 49.2

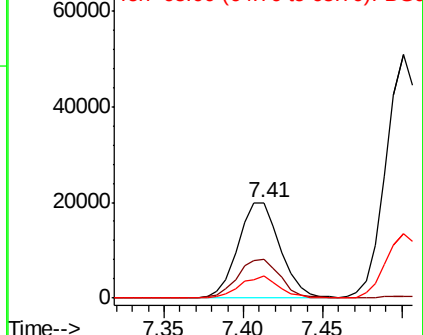
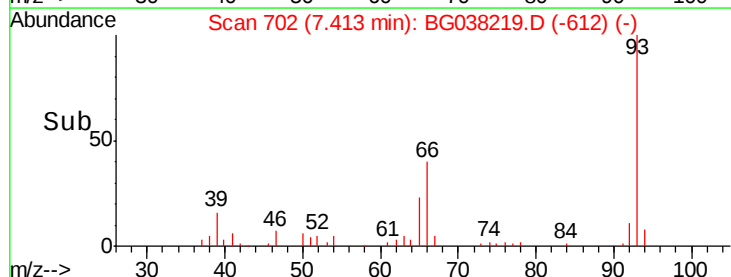
65 22.8 16.4 24.6

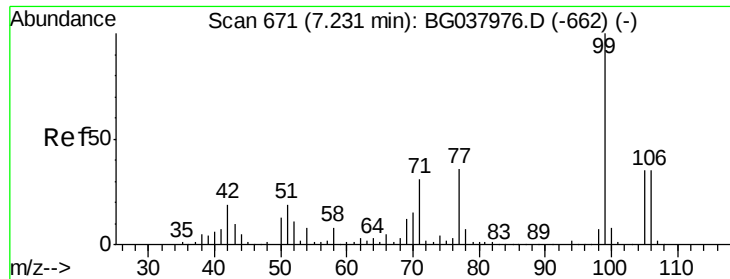


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.856 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

ClientSampleId :

PB115103BSD

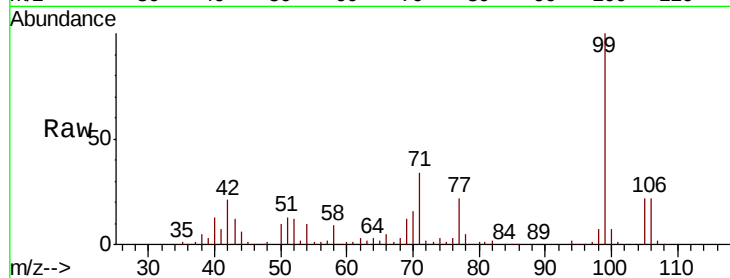
Tgt Ion: 99 Resp: 230094

Ion Ratio Lower Upper

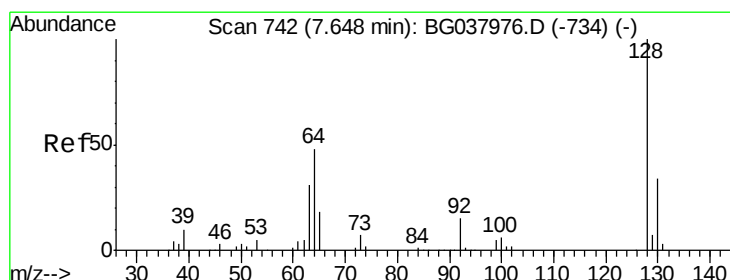
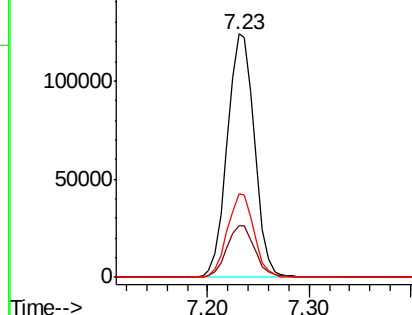
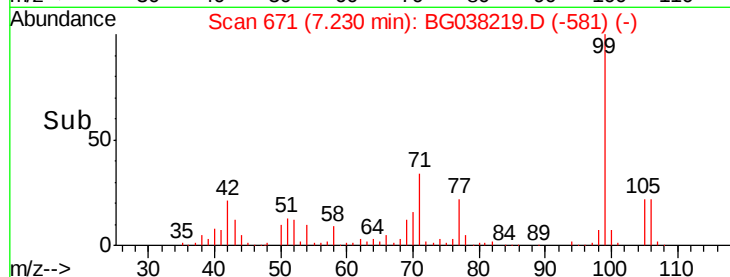
99 100

42 21.3 15.0 22.4

71 34.2 25.5 38.3



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: 39.074 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

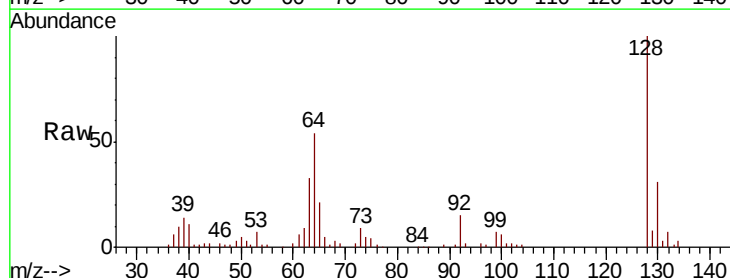
Tgt Ion: 128 Resp: 89282

Ion Ratio Lower Upper

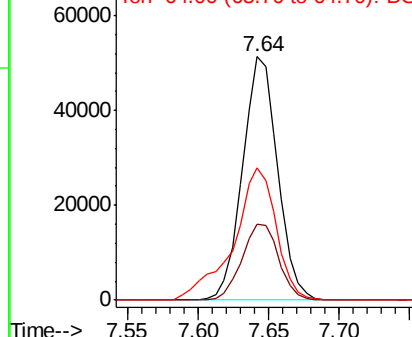
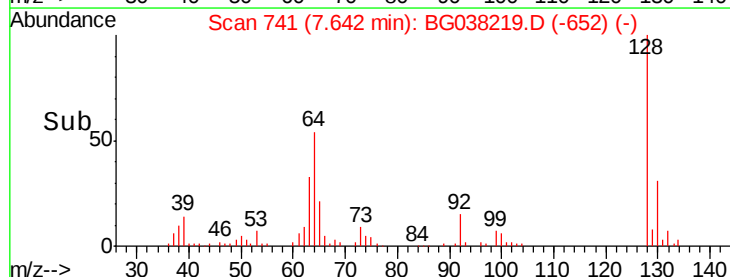
128 100

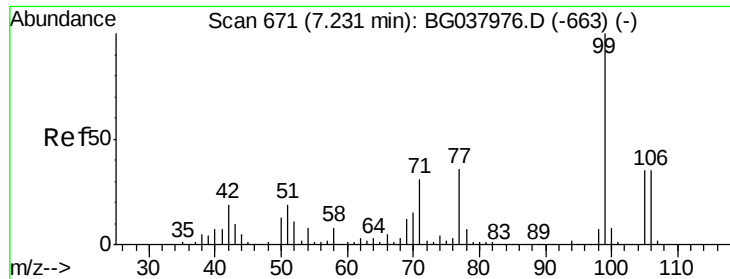
130 31.1 12.0 52.0

64 54.1 32.9 72.9



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





#9

Benzaldehyde

Concen: 28.454 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

ClientSampleId :

PB115103BSD

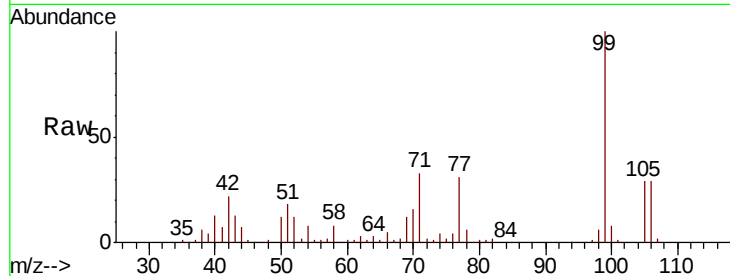
Tgt Ion: 77 Resp: 57841

Ion Ratio Lower Upper

77 100

105 92.8 72.6 112.6

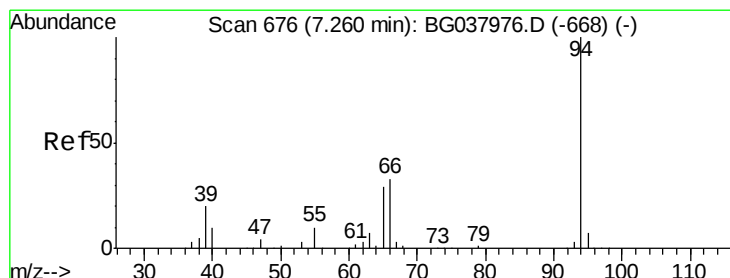
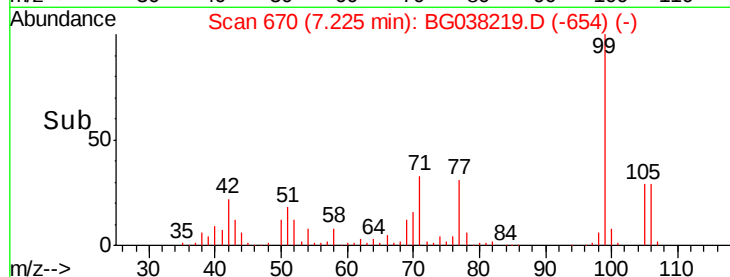
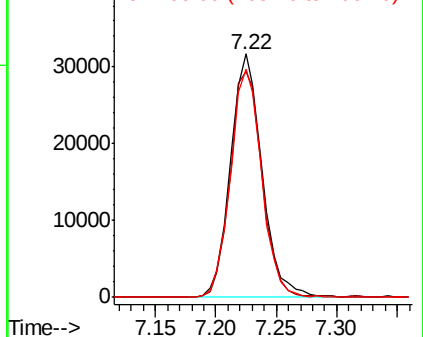
106 93.9 71.3 111.3



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: 40.000 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

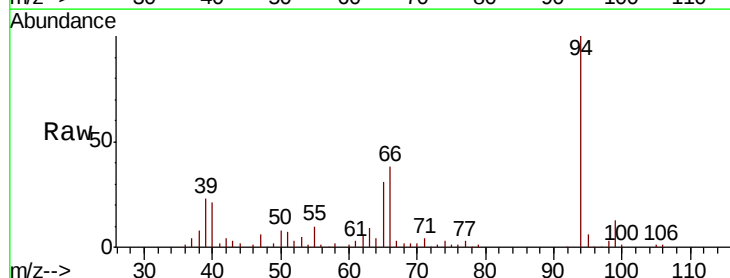
Tgt Ion: 94 Resp: 119098

Ion Ratio Lower Upper

94 100

65 31.1 9.7 49.7

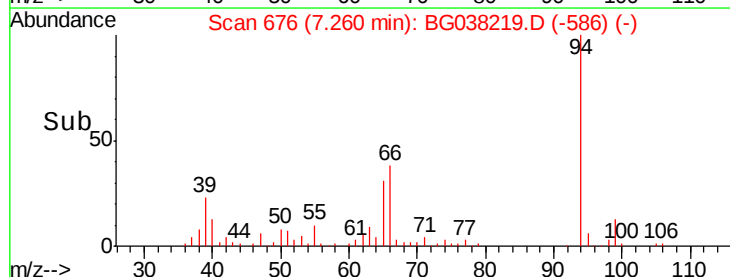
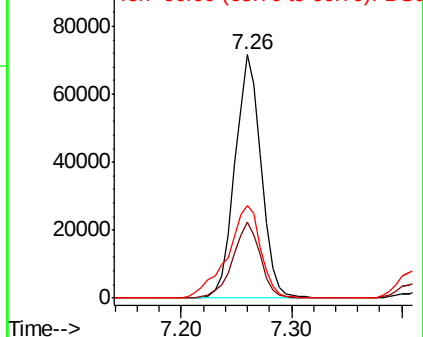
66 38.3 15.9 55.9

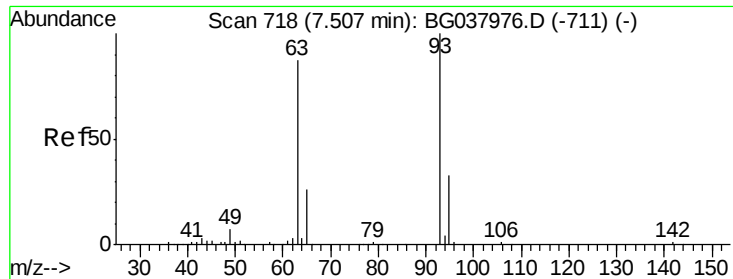


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

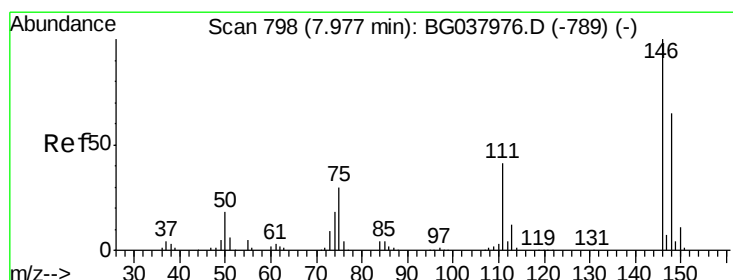
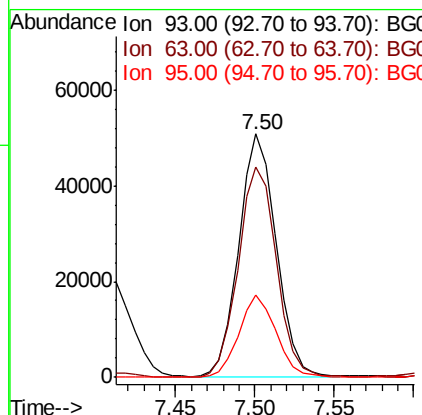
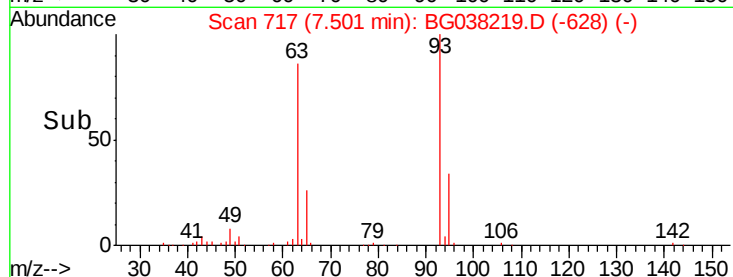
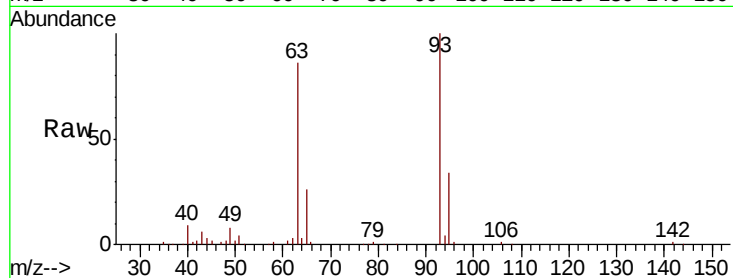




#11
 bis(2-Chloroethyl)ether
 Concen: 33.946 ng
 RT: 7.50 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

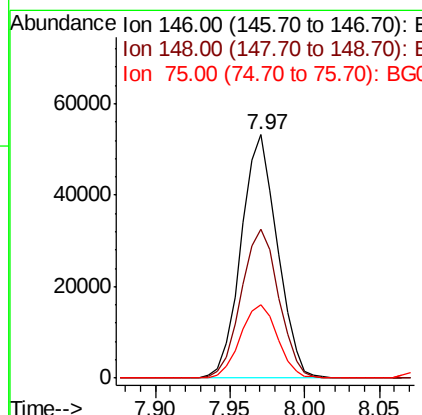
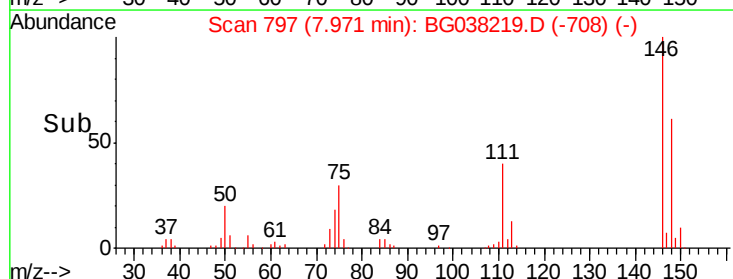
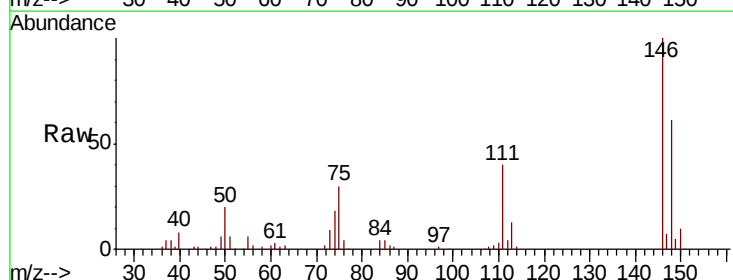
Instrument :
 BNA_G
 ClientSampleId :
 PB115103BSD

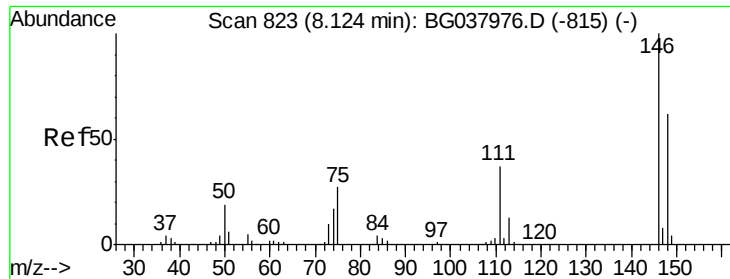
Tgt Ion: 93 Resp: 82513
 Ion Ratio Lower Upper
 93 100
 63 86.5 69.5 109.5
 95 33.7 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 34.011 ng
 RT: 7.97 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Tgt Ion: 146 Resp: 89528
 Ion Ratio Lower Upper
 146 100
 148 61.1 49.8 74.8
 75 30.4 23.2 34.8

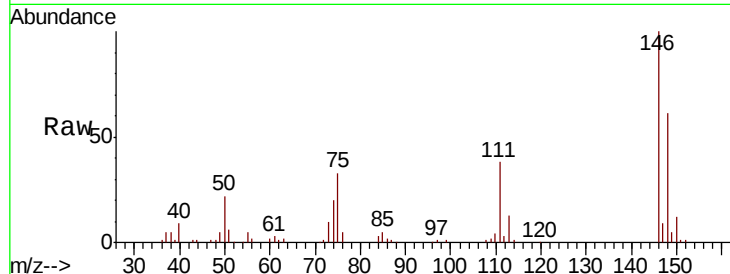




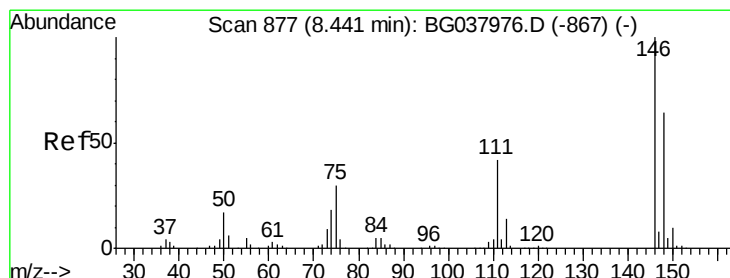
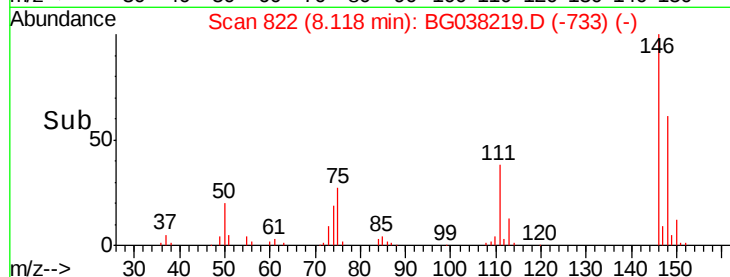
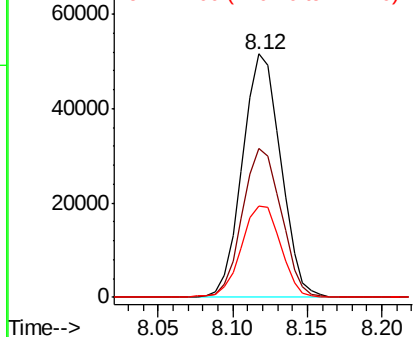
#13
 1,4-Dichlorobenzene
 Concen: 34.452 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 PB115103BSD

Tgt Ion:146 Resp: 91610
 Ion Ratio Lower Upper
 146 100
 148 61.3 51.0 76.6
 111 37.5 32.4 48.6

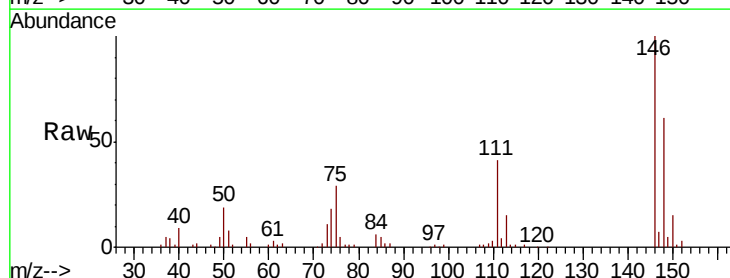


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

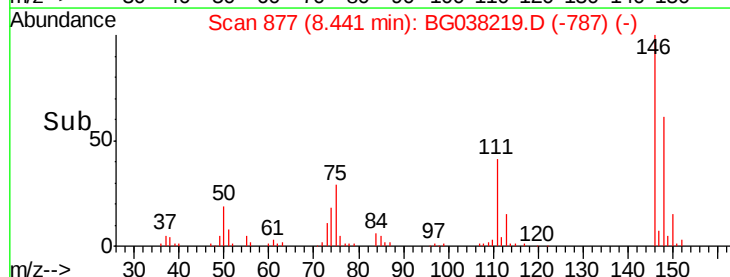
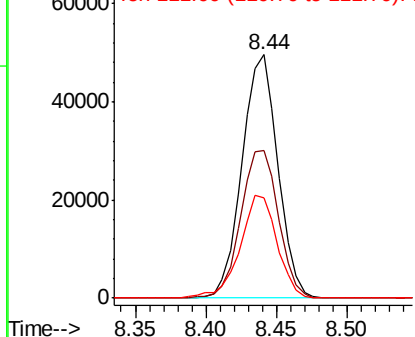


#14
 1,2-Dichlorobenzene
 Concen: 34.698 ng
 RT: 8.44 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Tgt Ion:146 Resp: 88087
 Ion Ratio Lower Upper
 146 100
 148 60.7 50.4 75.6
 111 41.1 34.6 51.8



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: 40.166 ng

RT: 8.32 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

ClientSampleId :

PB115103BSD

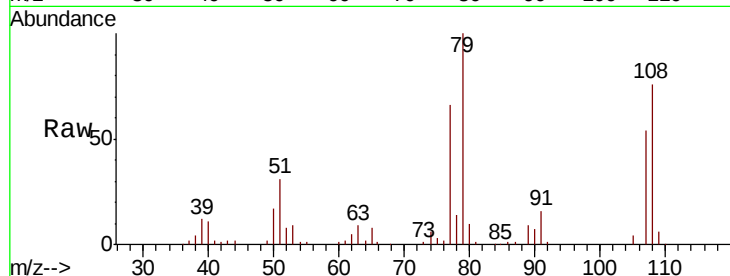
Tgt Ion: 79 Resp: 81696

Ion Ratio Lower Upper

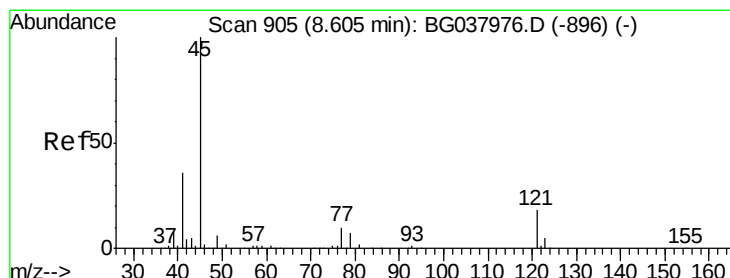
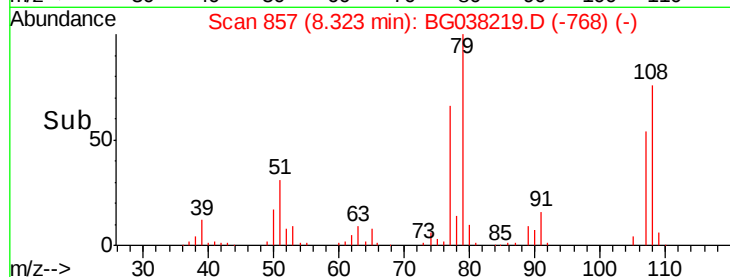
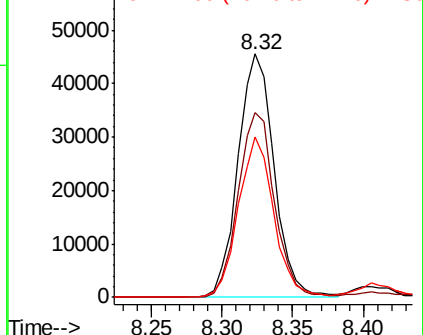
79 100

108 76.1 65.8 98.8

77 65.9 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.680 ng

RT: 8.61 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

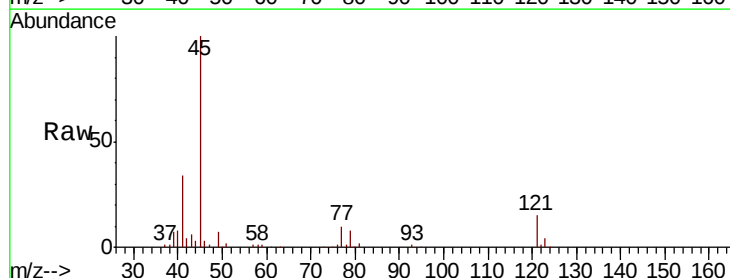
Tgt Ion: 45 Resp: 174585

Ion Ratio Lower Upper

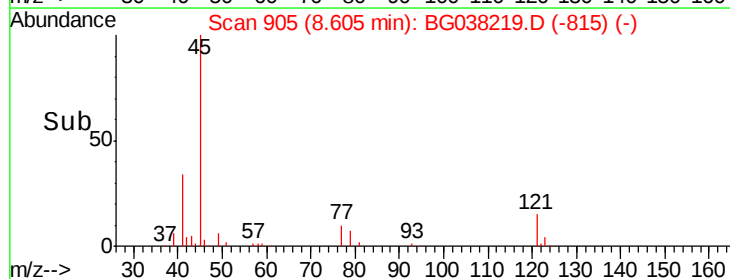
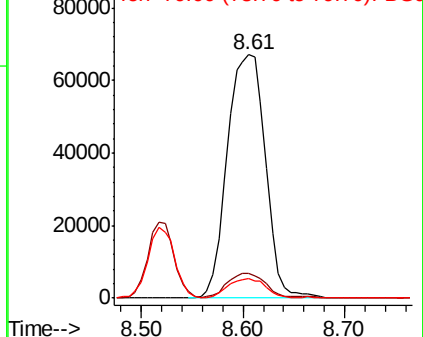
45 100

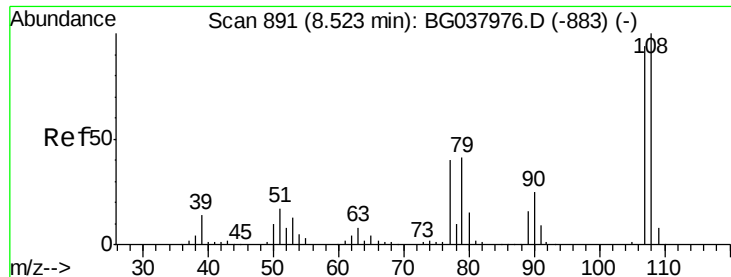
77 10.3 0.0 30.0

79 8.2 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

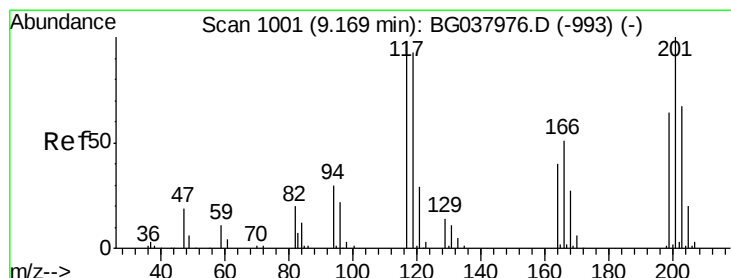
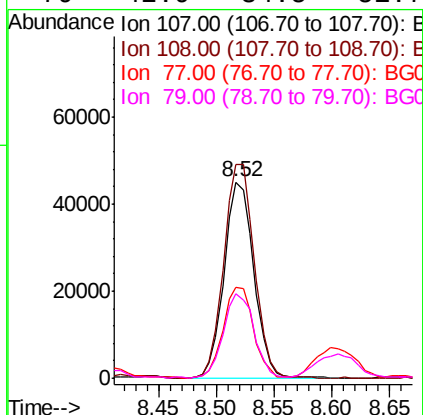
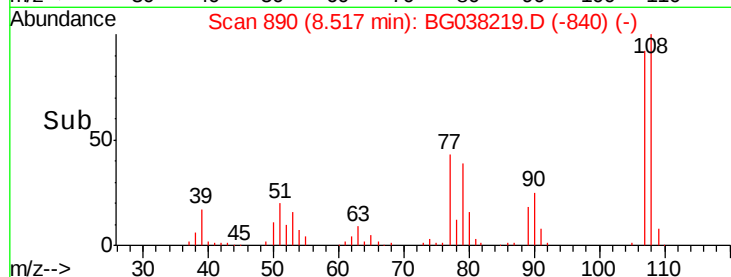
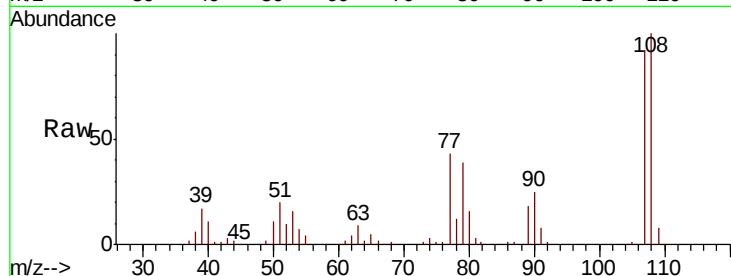




#17
2-Methylphenol
Concen: 40.095 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

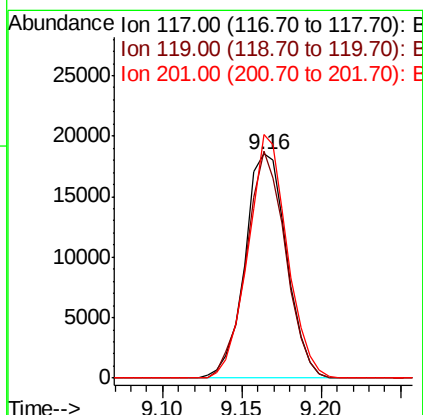
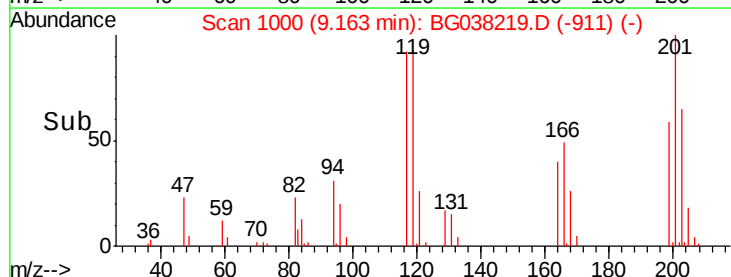
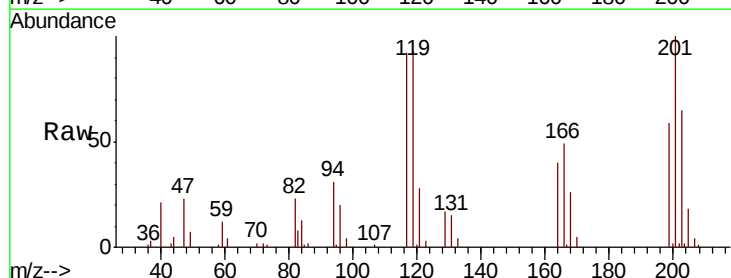
Instrument :
BNA_G
ClientSampleId :
PB115103BSD

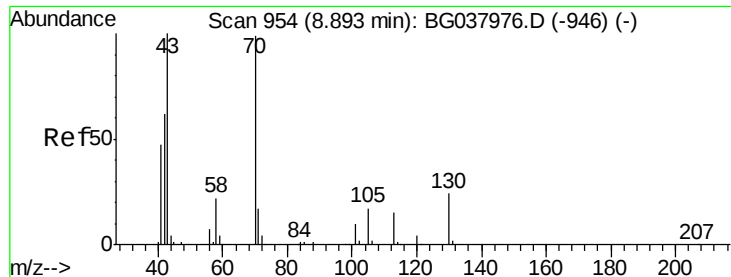
Tgt Ion:	107	Resp:	80710
Ion	Ratio	Lower	Upper
107	100		
108	108.9	87.9	131.9
77	46.4	35.1	52.7
79	42.9	34.5	51.7



#18
Hexachloroethane
Concen: 34.911 ng
RT: 9.16 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion:	117	Resp:	33785
Ion	Ratio	Lower	Upper
117	100		
119	102.5	74.6	111.8
201	111.2	80.8	121.2

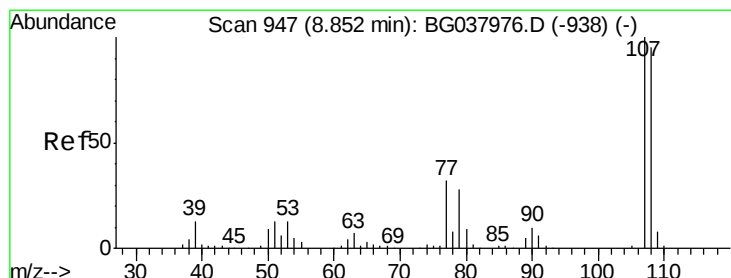
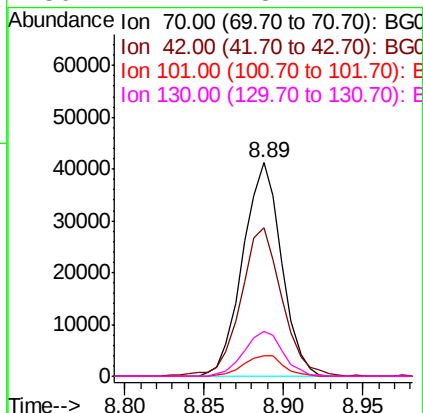
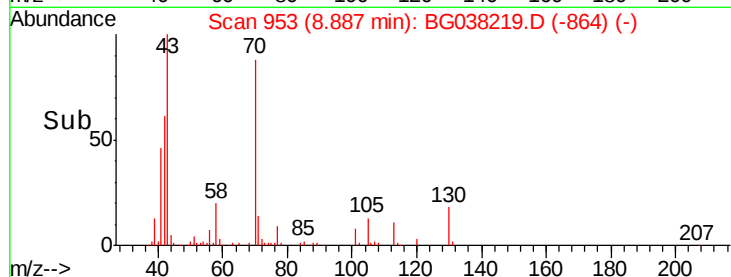
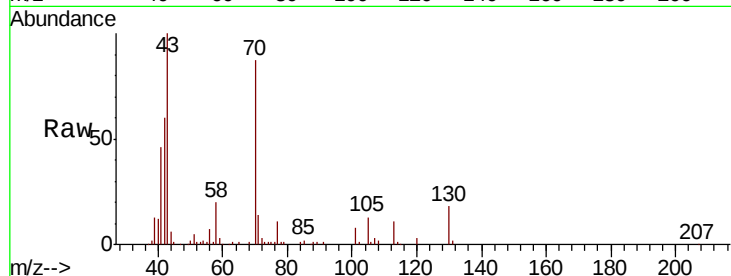




#19
n-Nitroso-di-n-propylamine
Concen: 34.321 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

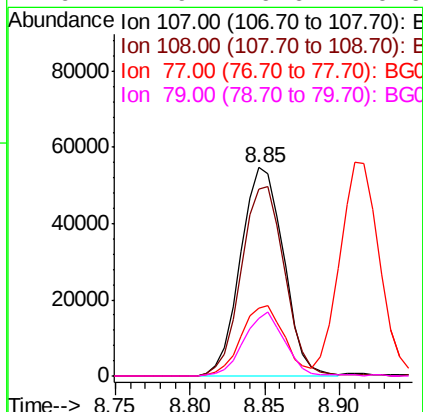
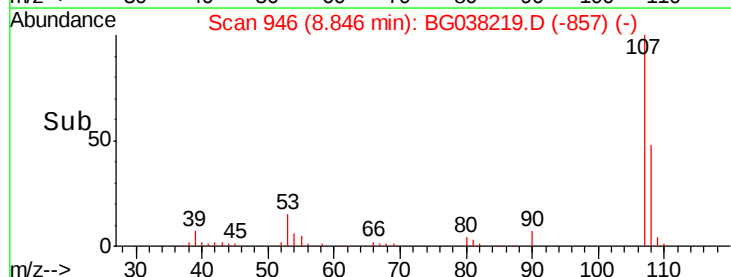
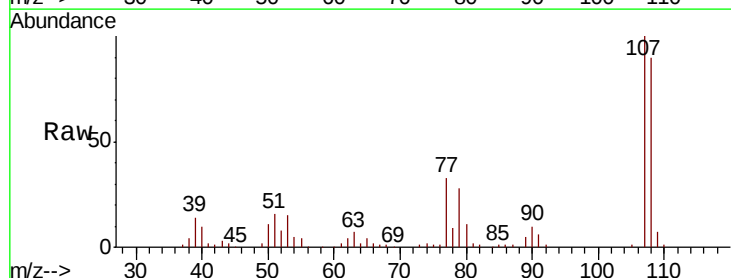
Instrument :
BNA_G
ClientSampleId :
PB115103BSD

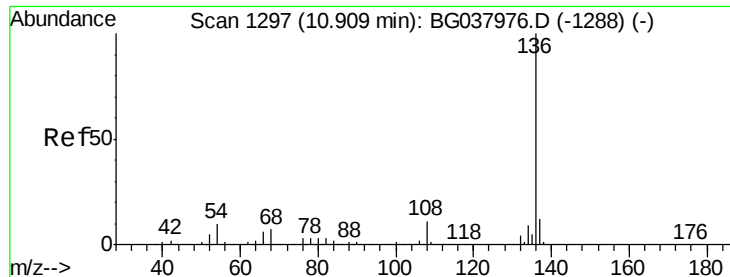
Tgt Ion:	70	Resp:	69807
Ion	Ratio	Lower	Upper
70	100		
42	69.6	53.9	80.9
101	9.3	8.2	12.2
130	21.1	18.2	27.4



#20
3+4-Methylphenols
Concen: 38.360 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion:	107	Resp:	109464
Ion	Ratio	Lower	Upper
107	100		
108	89.9	69.9	109.9
77	32.9	11.2	51.2
79	27.9	6.6	46.6

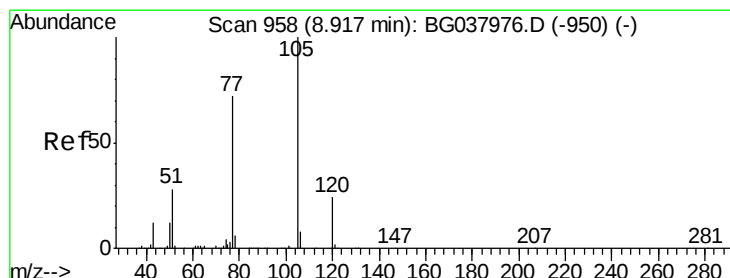
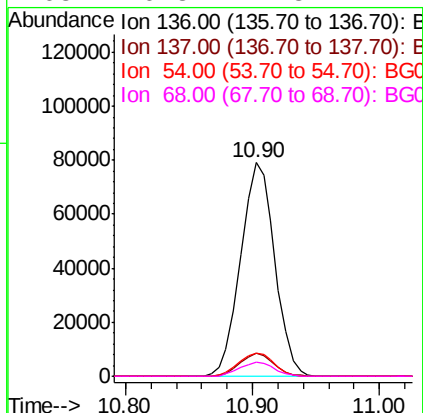
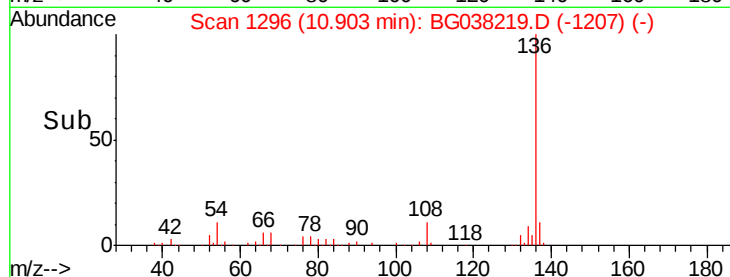
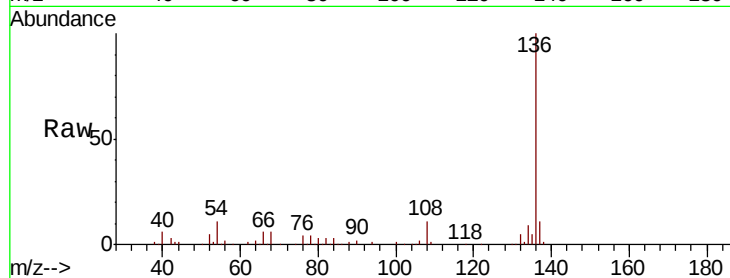




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

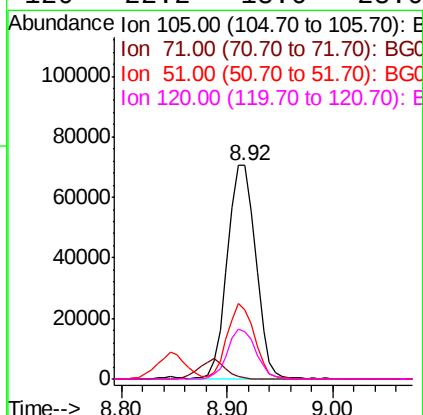
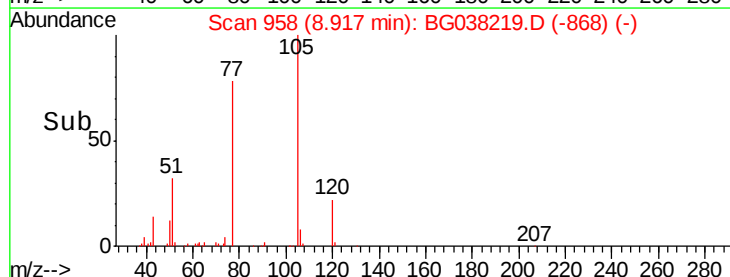
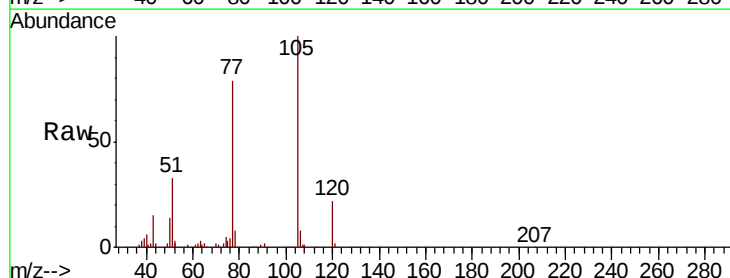
Instrument :
BNA_G
ClientSampleId :
PB115103BSD

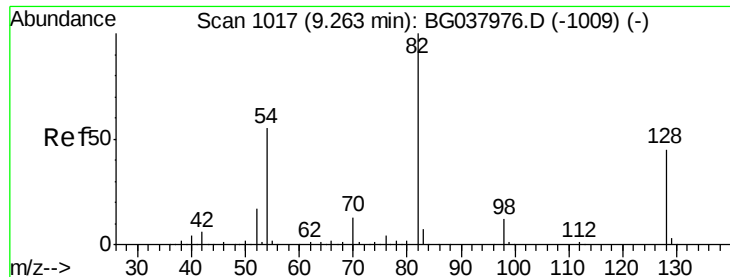
Tgt Ion:	136	Resp:	147014
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	11.0	7.9	11.9
68	6.3	4.8	7.2



#22
Acetophenone
Concen: 36.001 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion:	105	Resp:	131685
Ion	Ratio	Lower	Upper
105	100		
71	0.5	1.2	1.8#
51	32.6	25.0	37.6
120	22.2	18.6	28.0

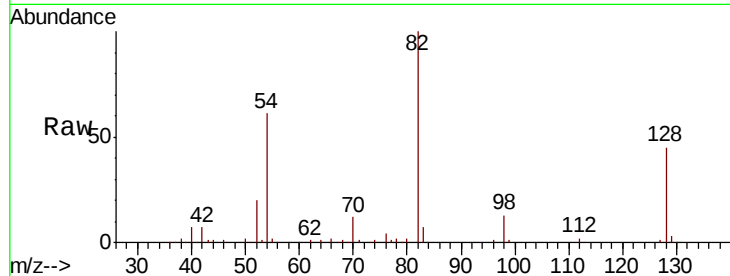




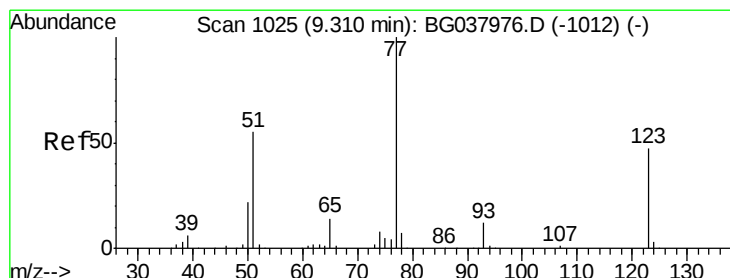
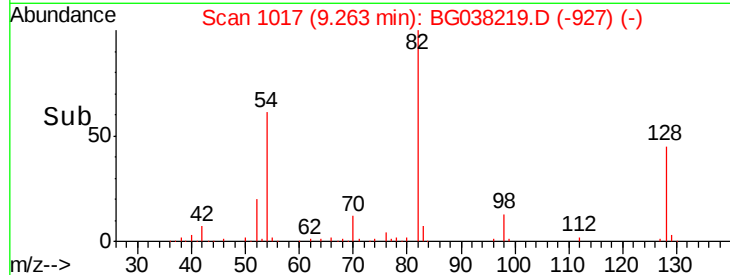
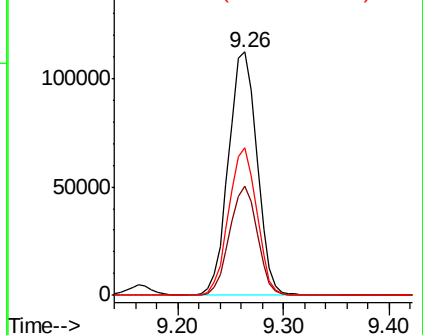
#23
 Nitrobenzene-d5
 Concen: 76.350 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 PB115103BSD

Tgt Ion: 82 Resp: 209684
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.6 51.8
 54 60.6 45.3 67.9

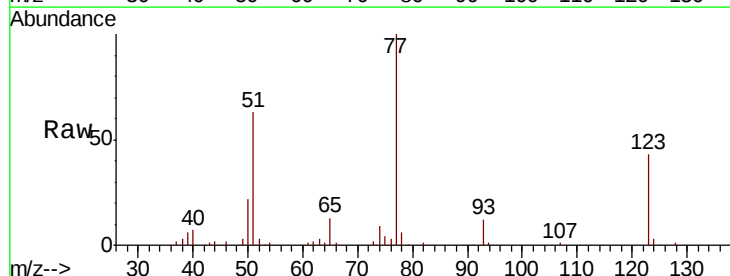


Abundance Ion 82.00 (81.70 to 82.70): BGC
 150000 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

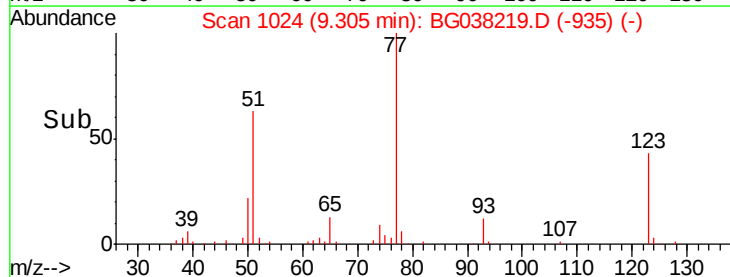
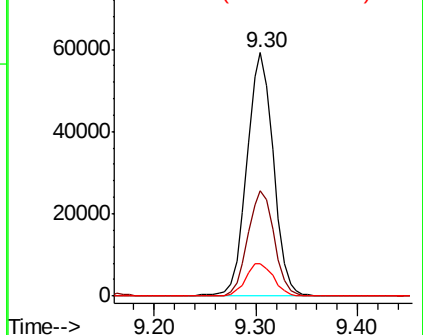


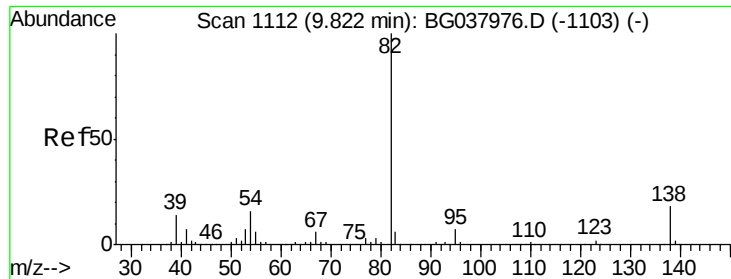
#24
 Nitrobenzene
 Concen: 38.075 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Tgt Ion: 77 Resp: 106970
 Ion Ratio Lower Upper
 77 100
 123 43.2 33.6 50.4
 65 13.2 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
 80000 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

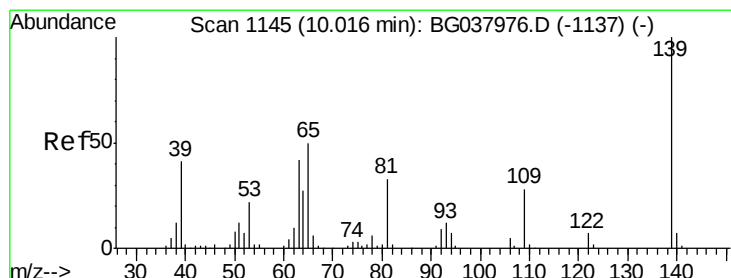
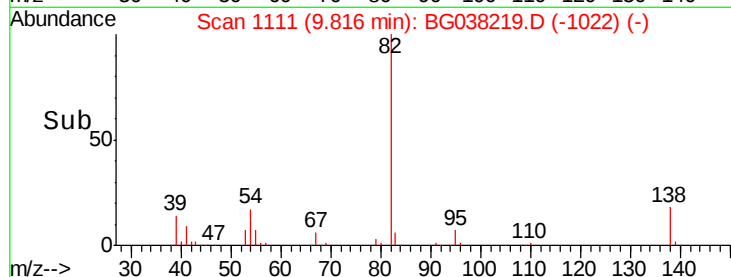
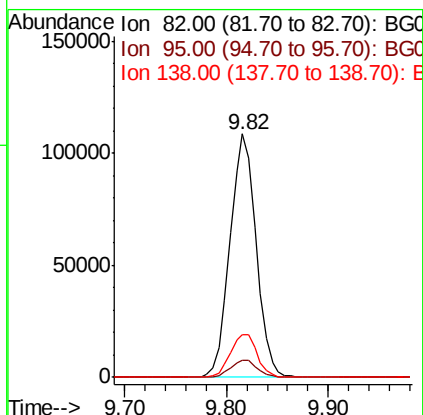
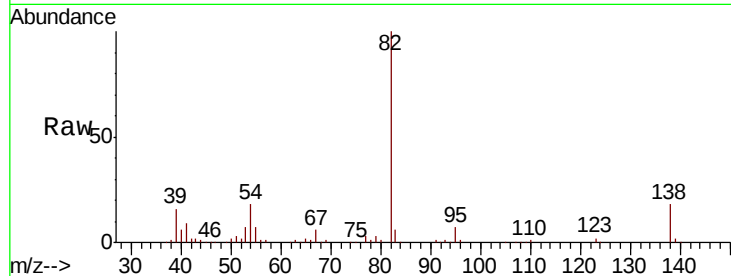




#25
Isophorone
Concen: 39.209 ng
RT: 9.82 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

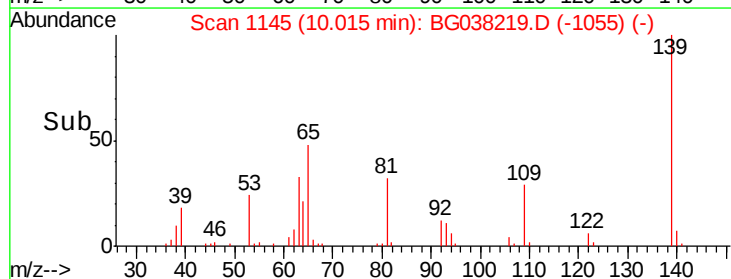
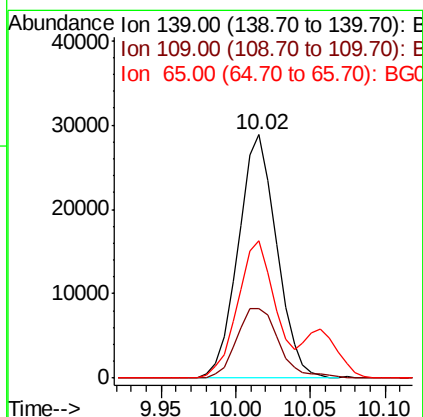
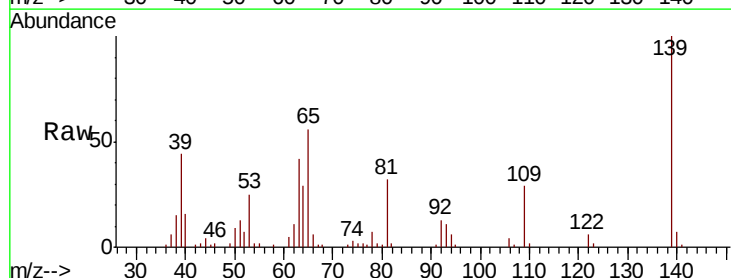
Instrument :
BNA_G
ClientSampleId :
PB115103BSD

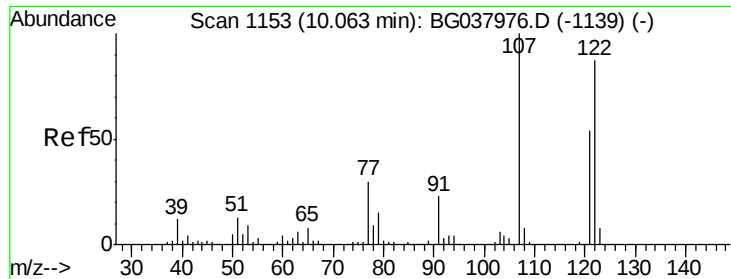
Tgt Ion: 82 Resp: 193816
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 17.5 13.3 19.9



#26
2-Nitrophenol
Concen: 36.775 ng
RT: 10.02 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion: 139 Resp: 51579
Ion Ratio Lower Upper
139 100
109 28.5 23.3 34.9
65 56.4 39.8 59.8

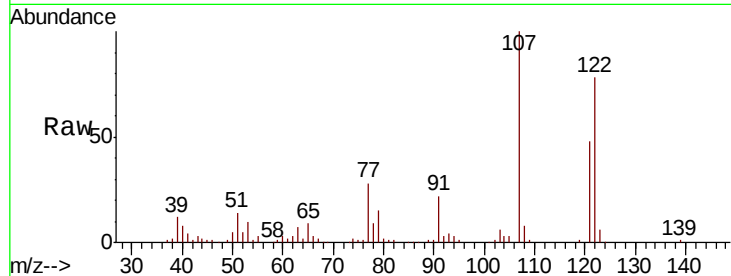




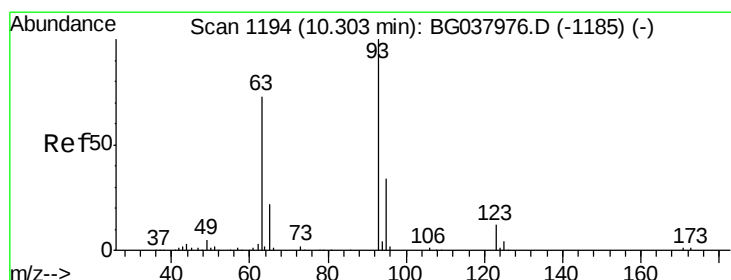
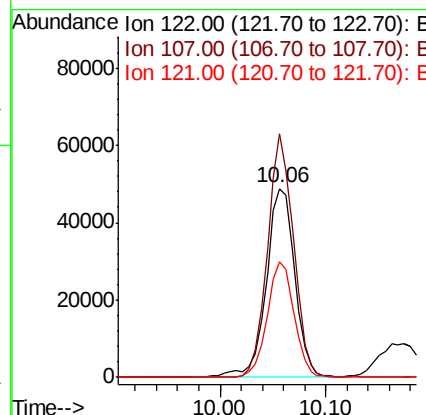
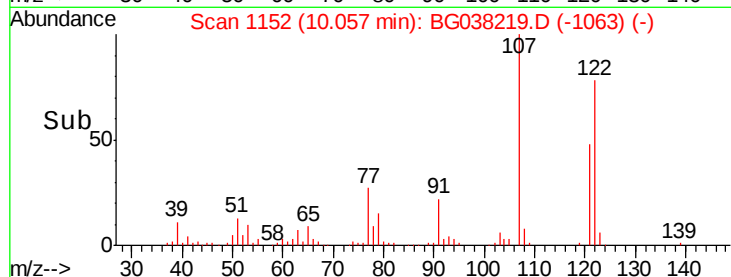
#27
2,4-Dimethylphenol
Concen: 43.286 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tgt Ion:122 Resp: 91471
Ion Ratio Lower Upper
122 100
107 128.8 94.2 141.2
121 61.3 47.3 70.9

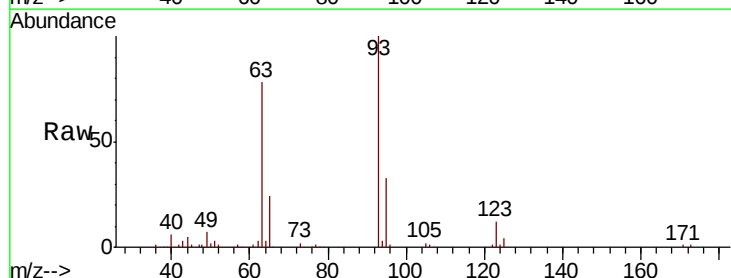


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

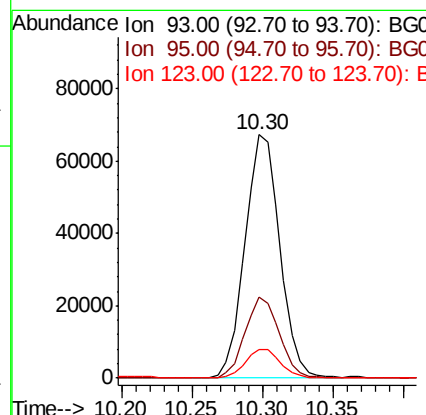
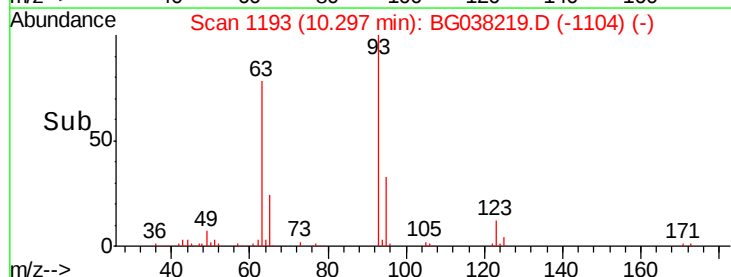


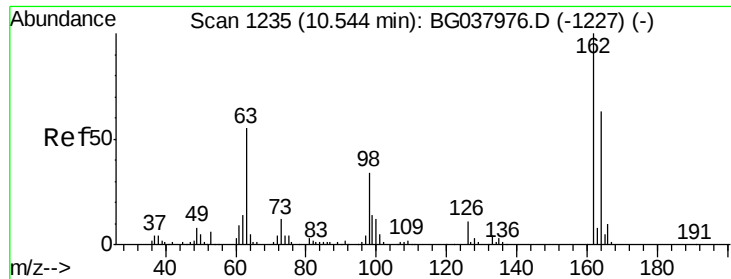
#28
bis(2-Chloroethoxy)methane
Concen: 36.778 ng
RT: 10.30 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion: 93 Resp: 116252
Ion Ratio Lower Upper
93 100
95 33.2 24.6 37.0
123 11.9 9.1 13.7



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

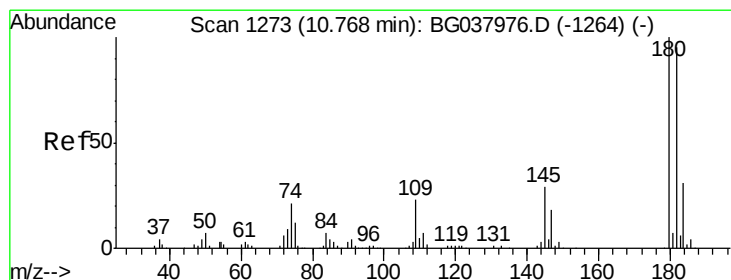
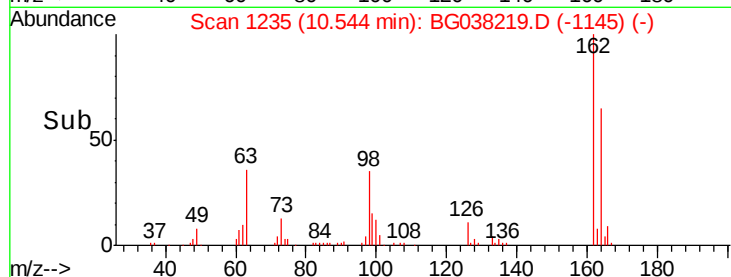
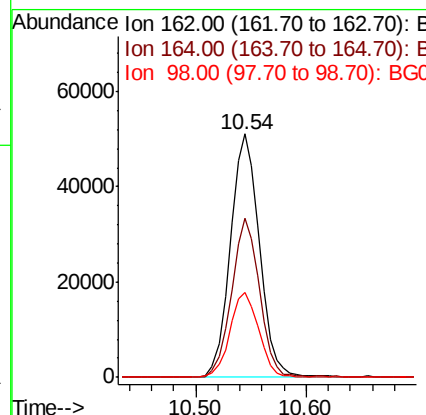
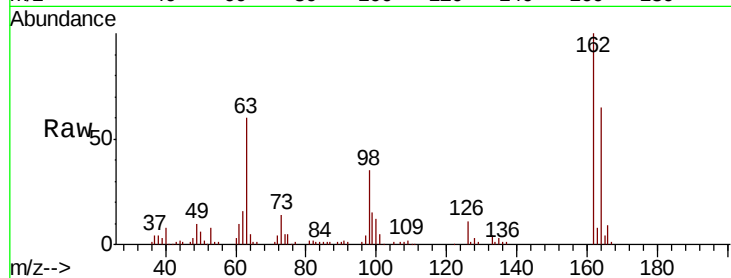




#29
 2,4-Dichlorophenol
 Concen: 39.521 ng
 RT: 10.54 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

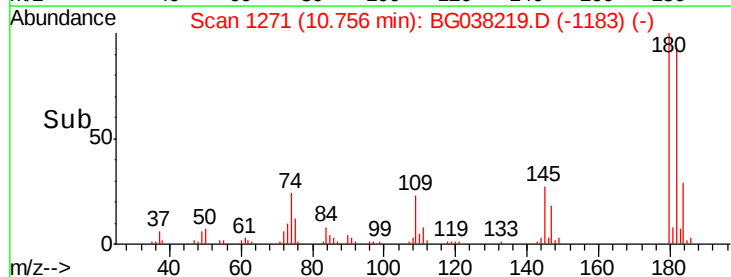
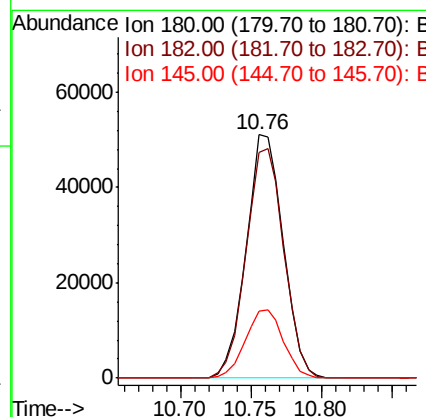
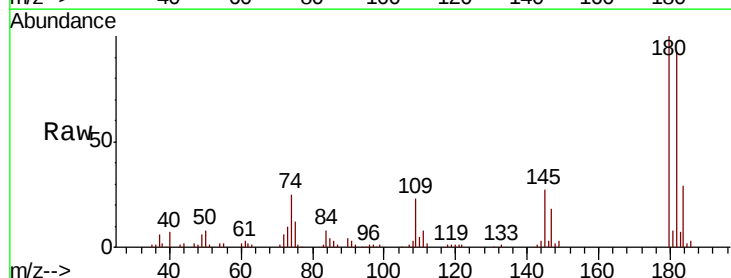
Instrument :
 BNA_G
 ClientSampleId :
 PB115103BSD

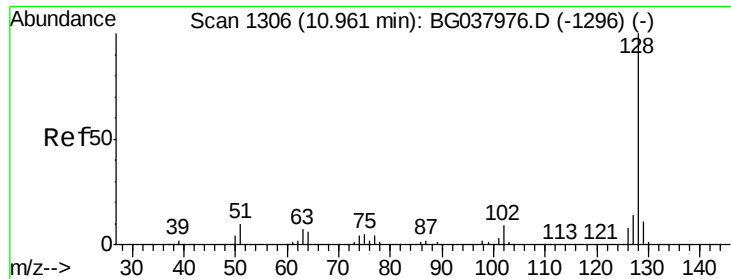
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.2	83.2
98	34.8	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 35.205 ng
 RT: 10.76 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	77.7	116.5
145	27.2	23.3	34.9

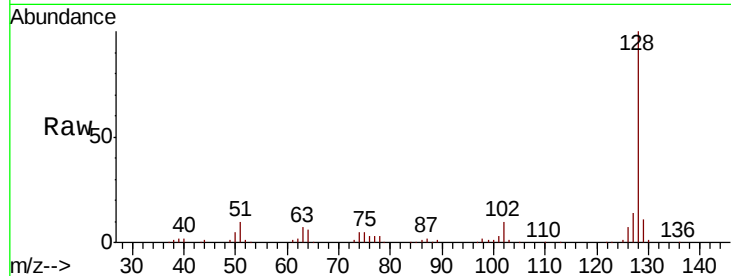




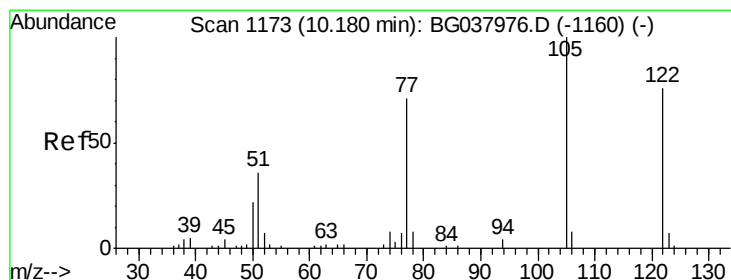
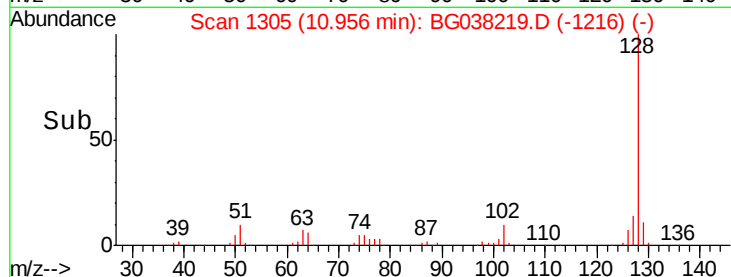
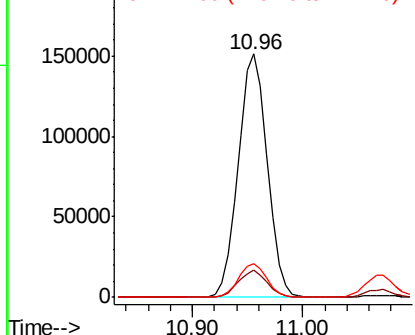
#31
Naphthalene
Concen: 38.577 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tgt Ion:128 Resp: 278944
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 14.0 11.1 16.7

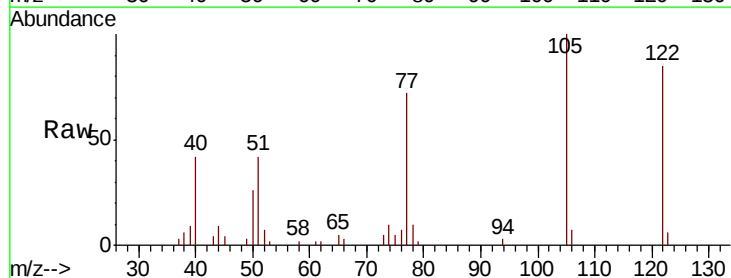


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

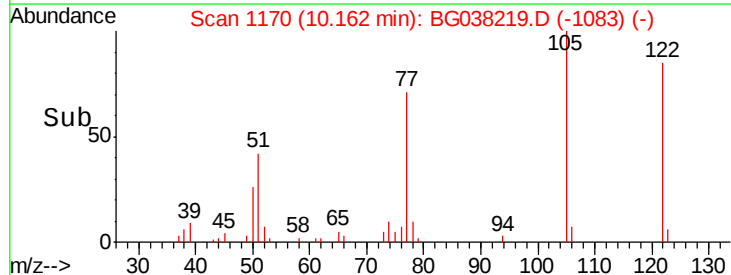
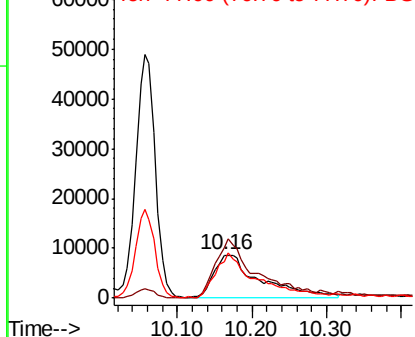


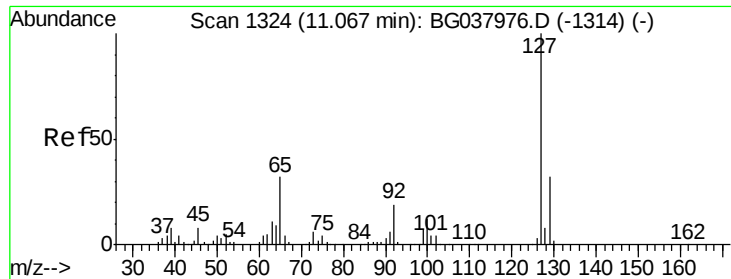
#32
Benzoic acid
Concen: 33.242 ng
RT: 10.16 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion:122 Resp: 38288
Ion Ratio Lower Upper
122 100
105 117.1 106.7 146.7
77 84.7 72.2 112.2



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

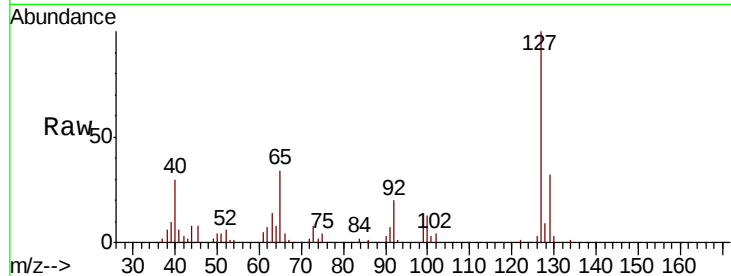




#33
4-Chloroaniline
Concen: 8.162 ng
RT: 11.07 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tgt Ion:	127	Resp:	27452
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.1	40.7
65	33.8	26.6	39.8
92	20.4	16.4	24.6



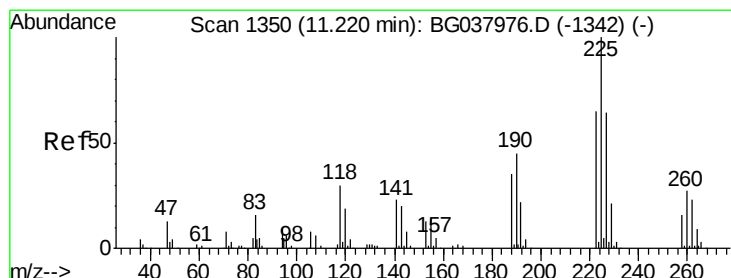
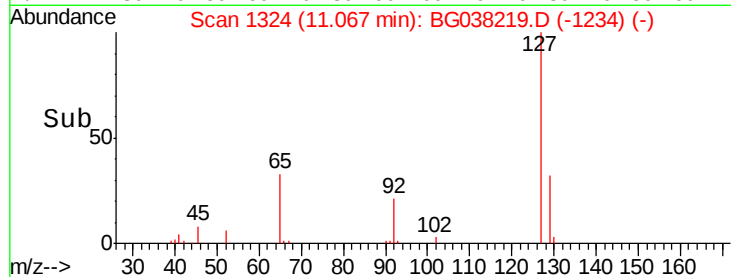
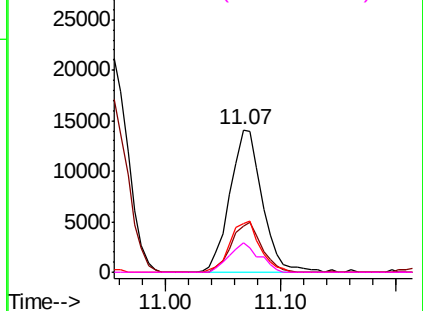
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

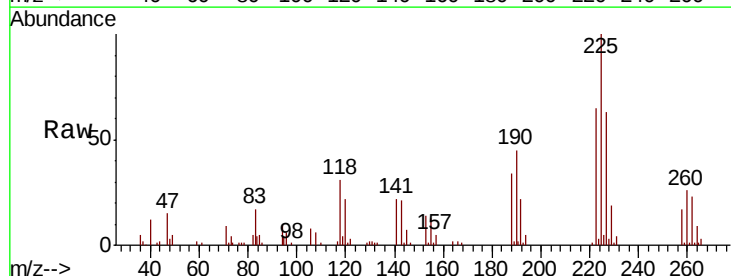
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 33.821 ng
RT: 11.21 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion:	225	Resp:	55442
Ion	Ratio	Lower	Upper
225	100		
223	65.3	48.2	72.4
227	60.5	51.6	77.4

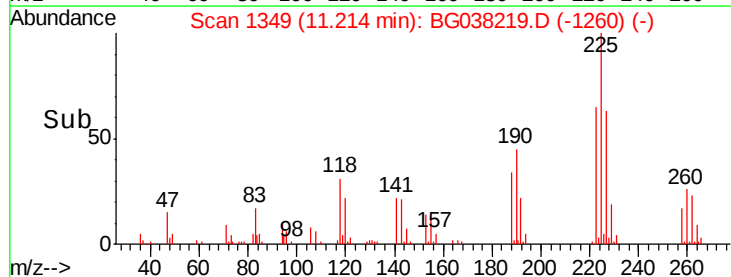
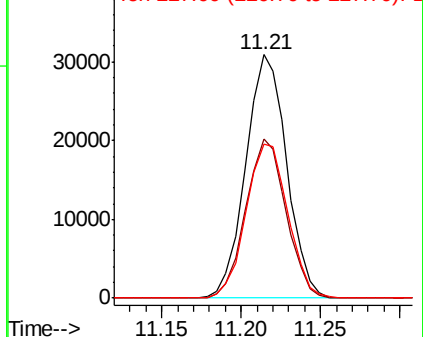


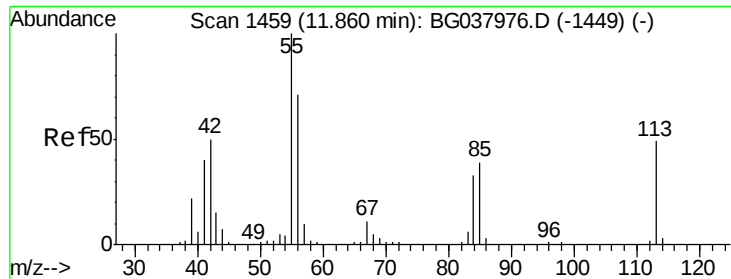
Abundance

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: 34.278 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

ClientSampleId :

PB115103BSD

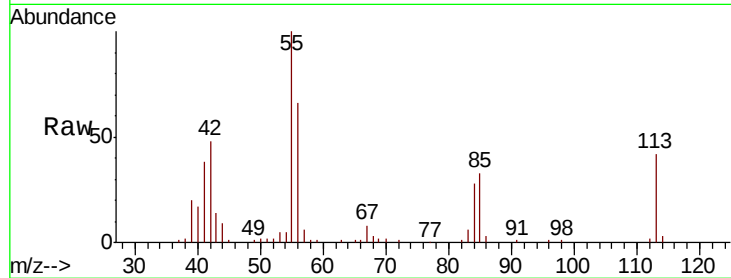
Tgt Ion:113 Resp: 32612

Ion Ratio Lower Upper

113 100

55 237.9 176.6 216.6#

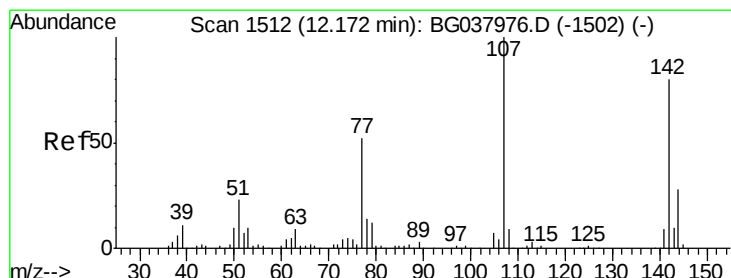
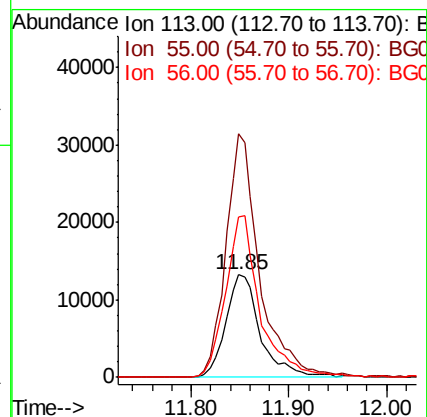
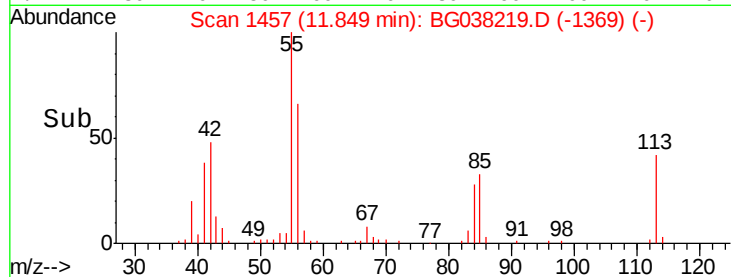
56 156.4 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.613 ng

RT: 12.17 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

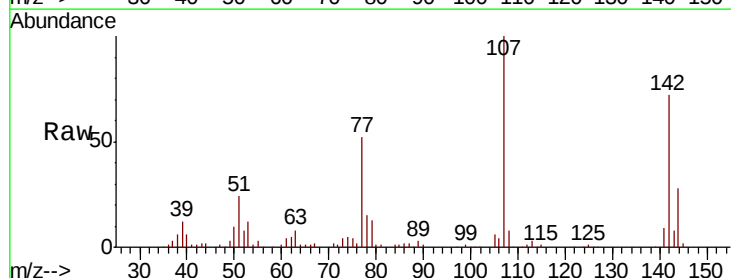
Tgt Ion:107 Resp: 102867

Ion Ratio Lower Upper

107 100

144 27.8 20.7 31.1

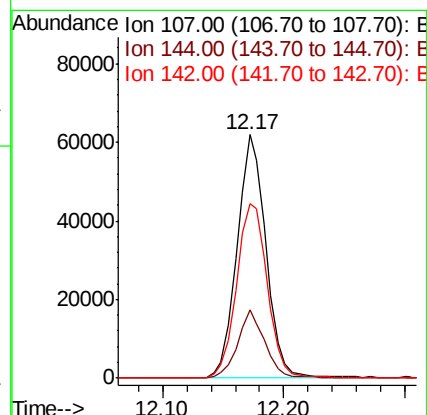
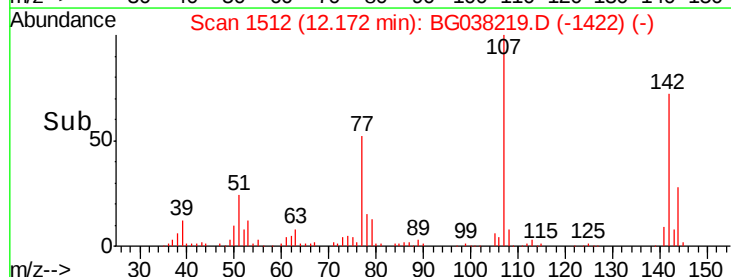
142 71.6 64.4 96.6

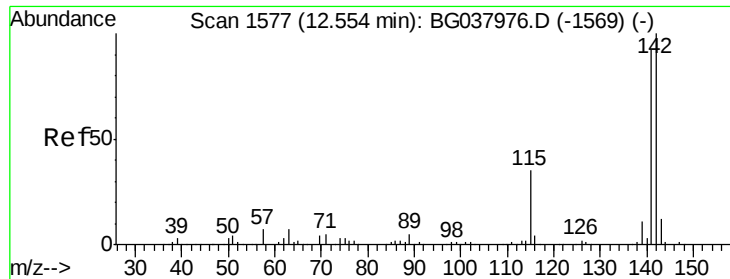


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

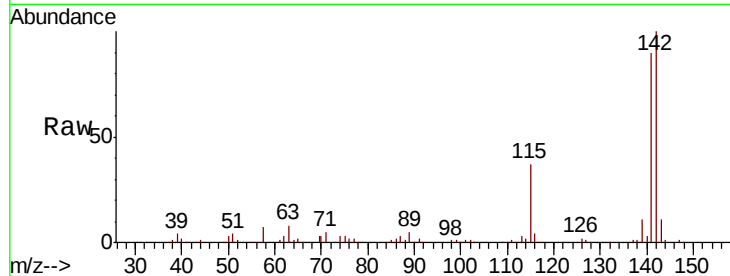




#37
2-Methylnaphthalene
Concen: 39.614 ng
RT: 12.55 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.9	107.9
115	36.6	27.8	41.8

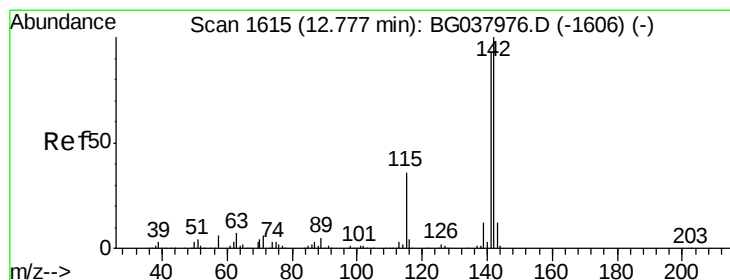
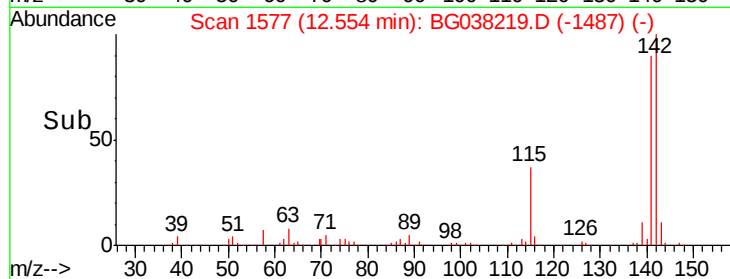
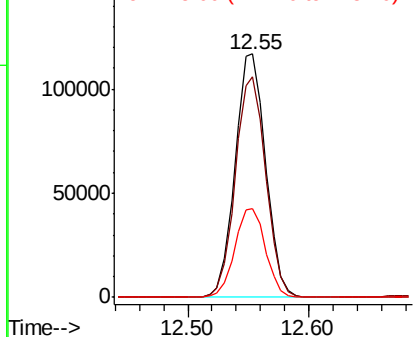


Abundance

Ion 142.00 (141.70 to 142.70): E

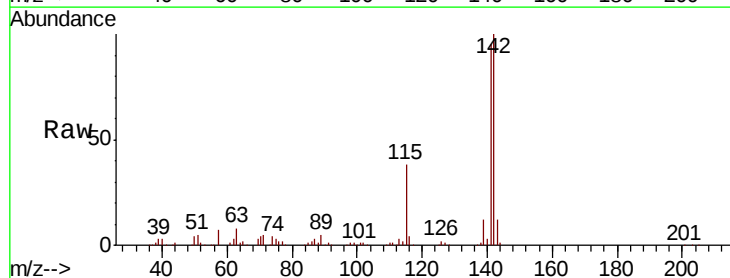
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.231 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	75.2	112.8
116	4.1	3.3	4.9

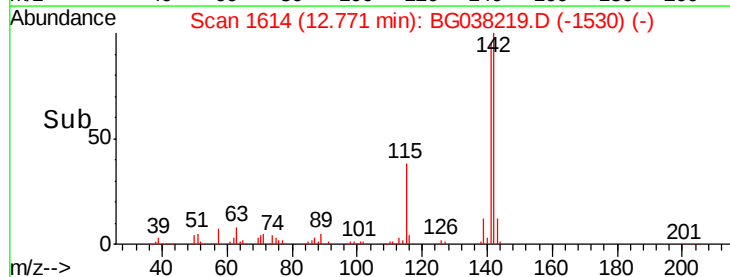
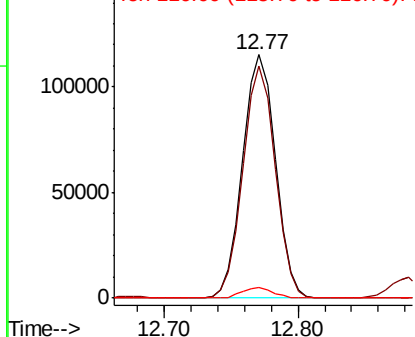


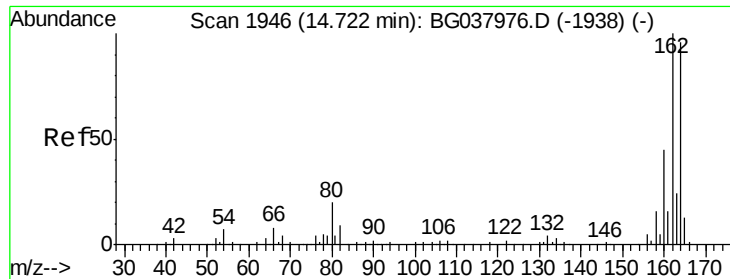
Abundance

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: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

ClientSampleId :

PB115103BSD

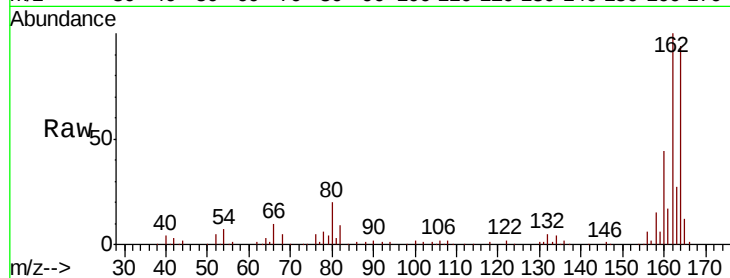
Tgt Ion:164 Resp: 92257

Ion Ratio Lower Upper

164 100

162 106.4 81.3 121.9

160 47.1 36.3 54.5

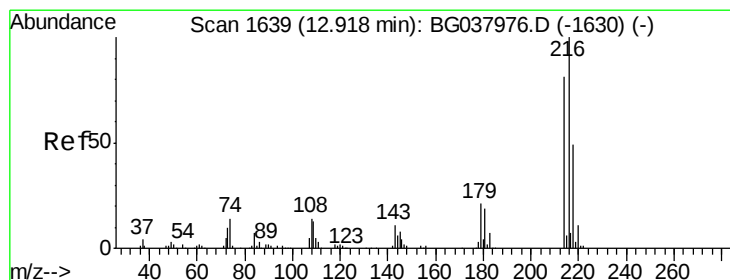
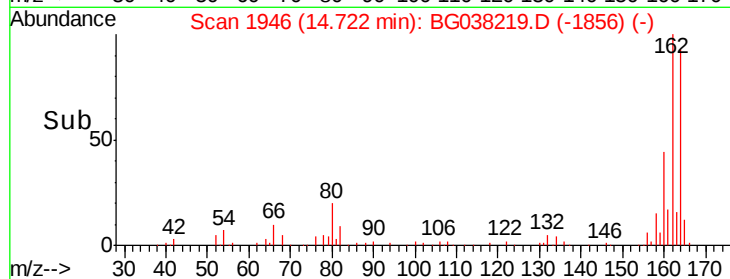
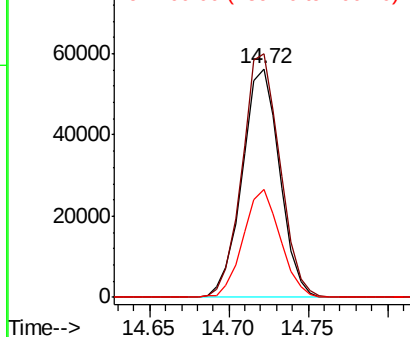


Abundance

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: 34.749 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Tgt Ion:216 Resp: 107126

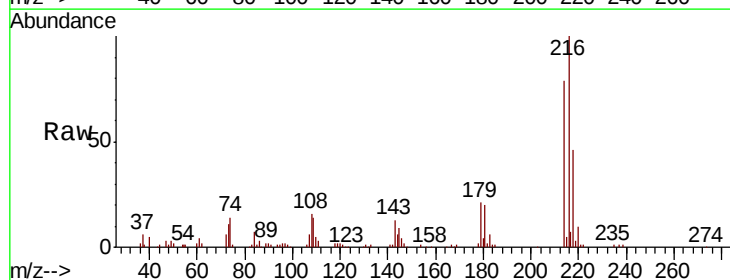
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.6

179 21.7 17.4 26.0

108 20.0 13.9 20.9



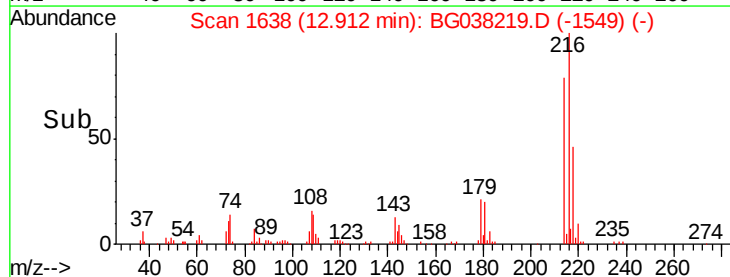
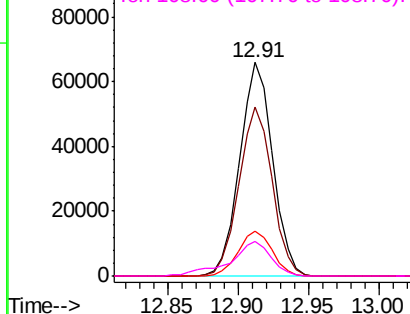
Abundance

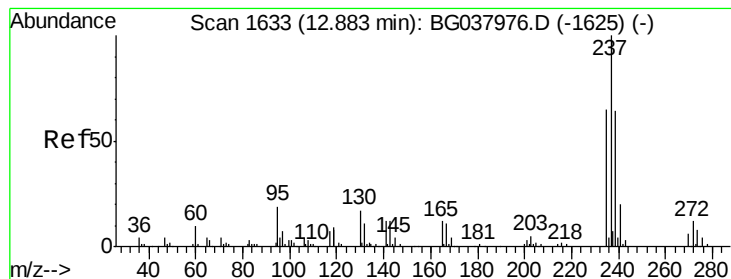
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 76.022 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

ClientSampleId :

PB115103BSD

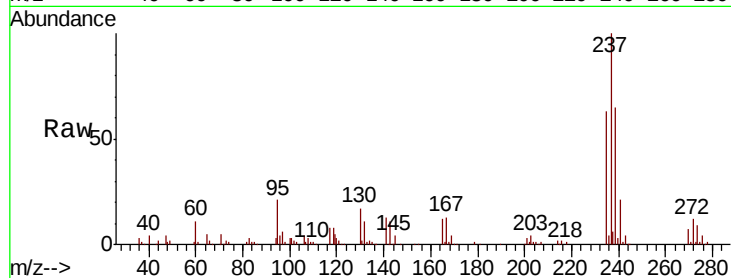
Tgt Ion: 237 Resp: 125495

Ion Ratio Lower Upper

237 100

235 63.2 42.5 82.5

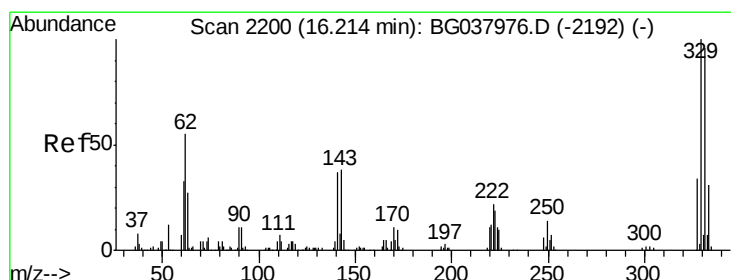
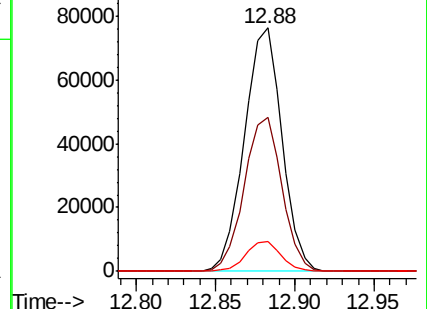
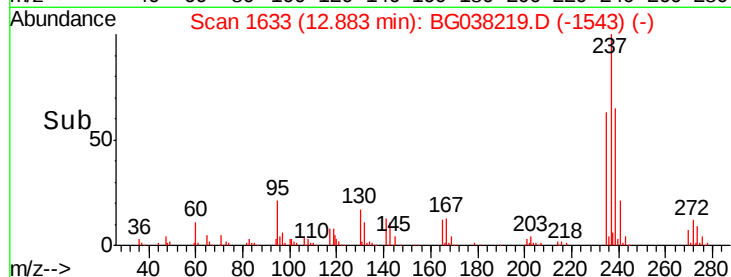
272 12.3 0.0 31.6



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: 77.670 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

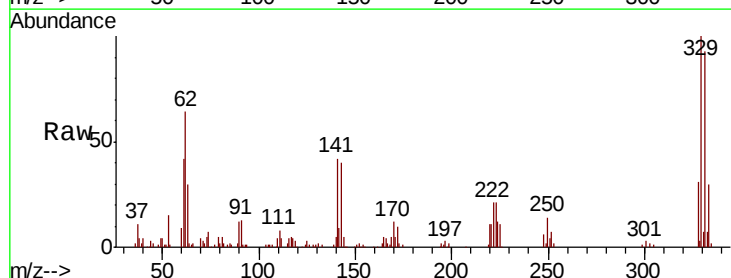
Tgt Ion: 330 Resp: 81722

Ion Ratio Lower Upper

330 100

332 95.1 78.4 117.6

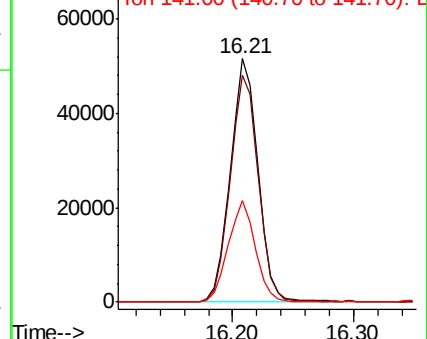
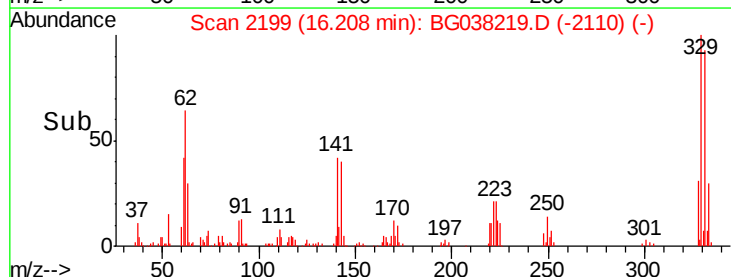
141 40.8 32.2 48.2

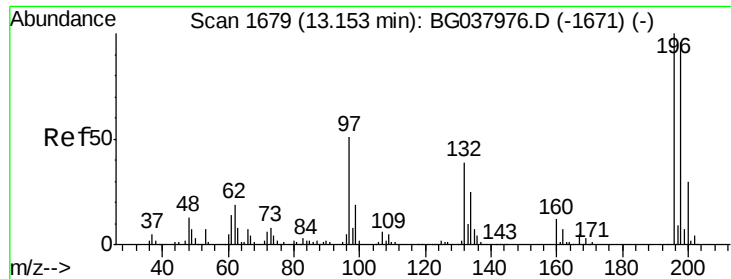


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

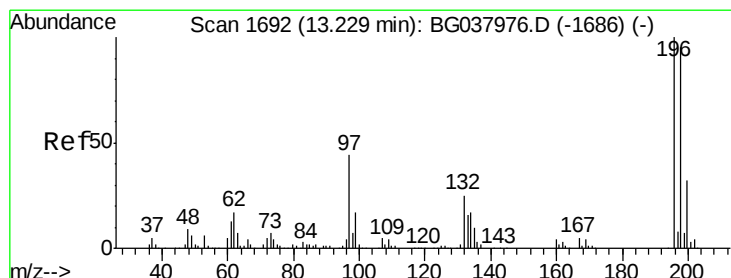
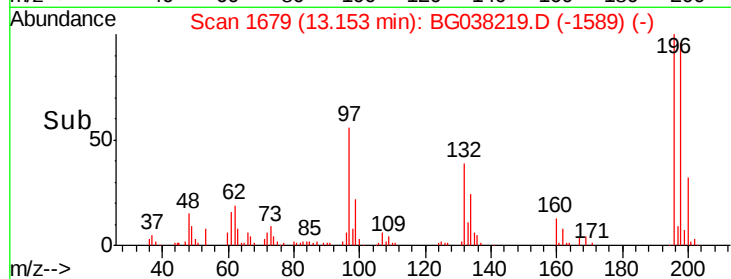
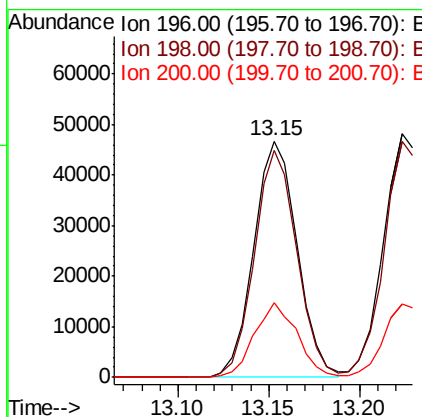
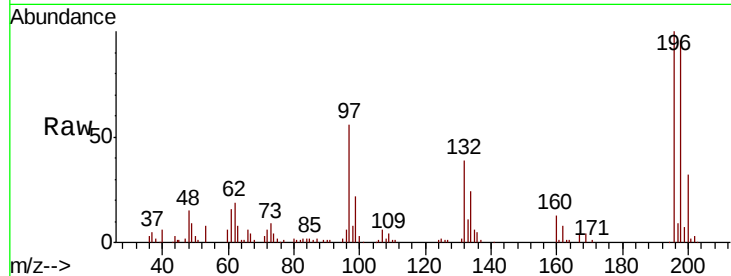




#43
 2,4,6-Trichlorophenol
 Concen: 36.947 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

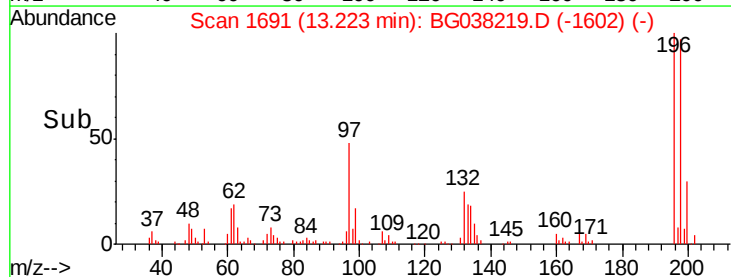
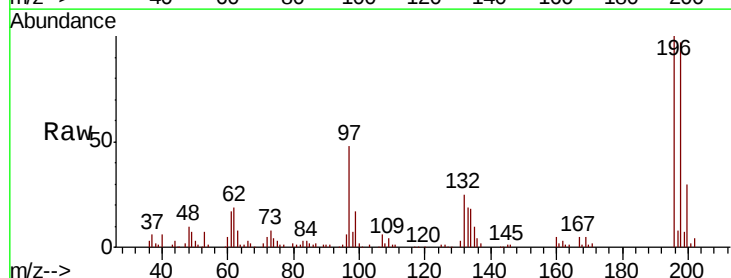
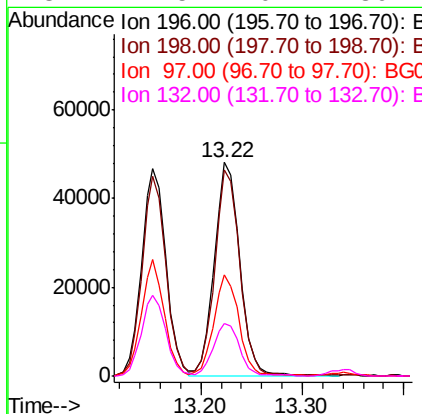
Instrument :
 BNA_G
 ClientSampleId :
 PB115103BSD

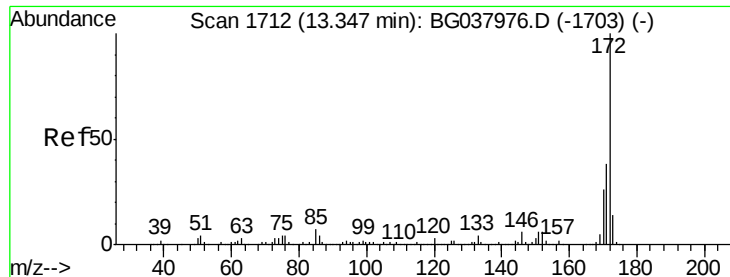
Tgt Ion:196 Resp: 77616
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.4 114.6
 200 31.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 38.131 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Tgt Ion:196 Resp: 84284
 Ion Ratio Lower Upper
 196 100
 198 96.7 74.2 111.2
 97 47.6 34.1 51.1
 132 24.5 20.2 30.4

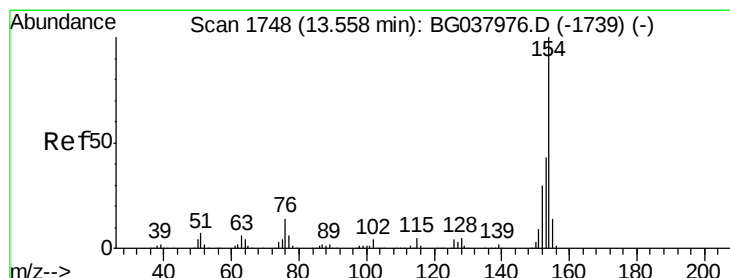
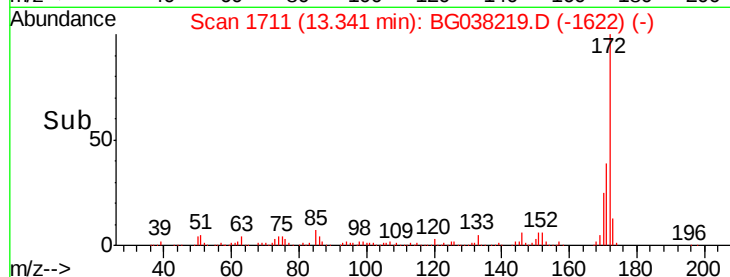
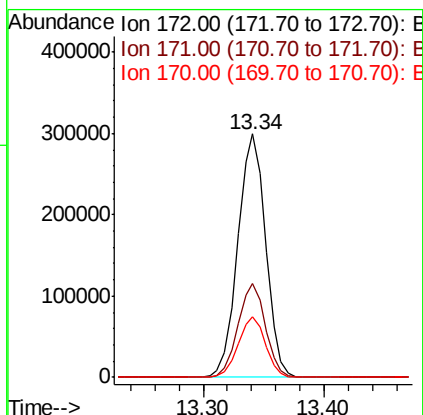
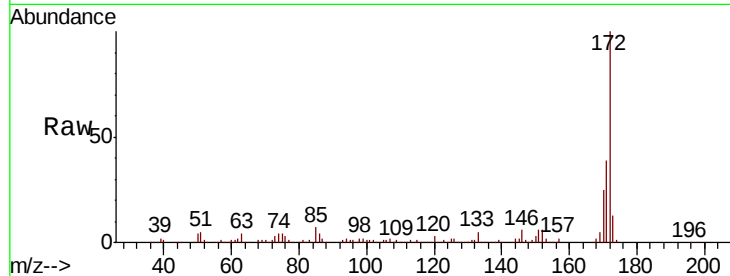




#45
2-Fluorobiphenyl
Concen: 75.707 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

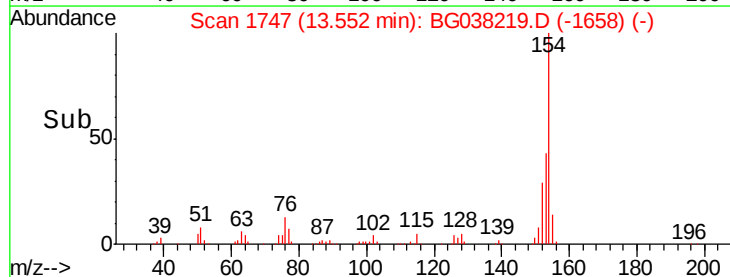
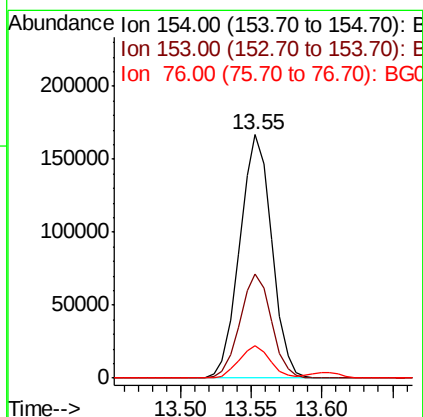
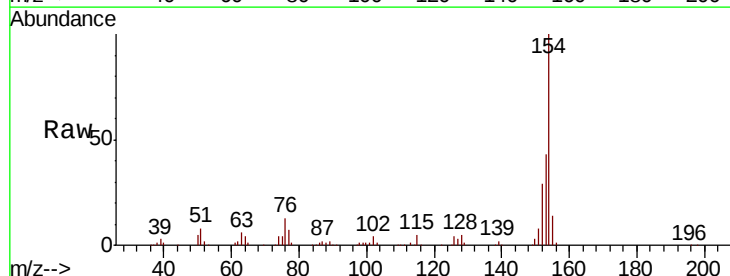
Instrument :
BNA_G
ClientSampleId :
PB115103BSD

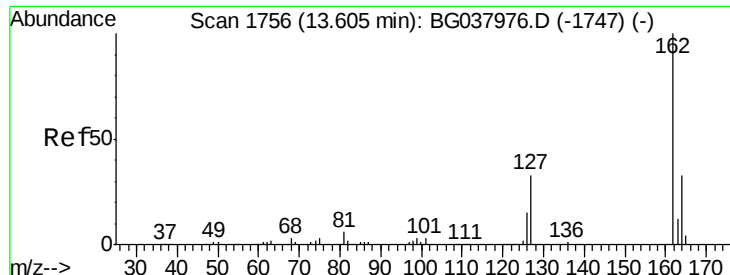
Tgt Ion:172 Resp: 479423
Ion Ratio Lower Upper
172 100
171 38.7 31.0 46.4
170 24.8 20.2 30.2



#46
1,1'-Biphenyl
Concen: 34.170 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion:154 Resp: 264841
Ion Ratio Lower Upper
154 100
153 42.8 22.1 62.1
76 13.1 0.0 33.2

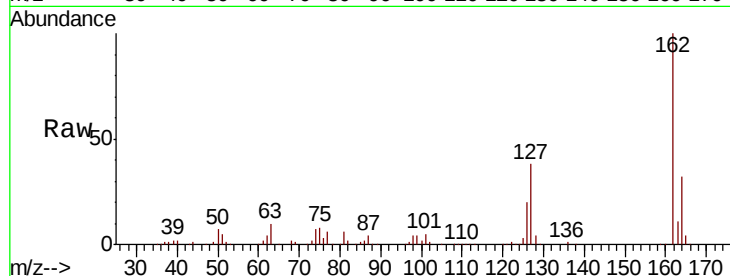




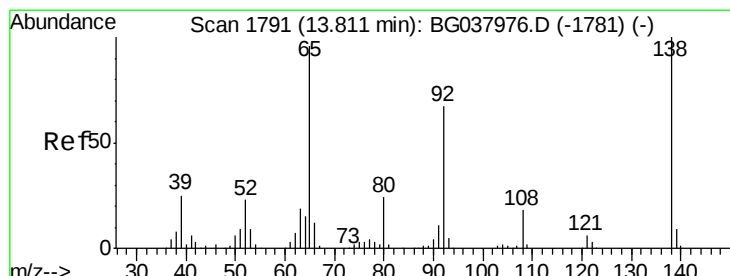
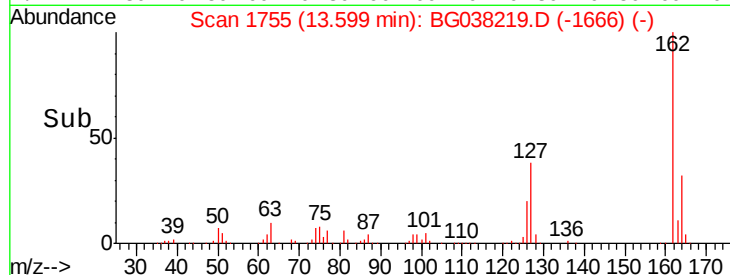
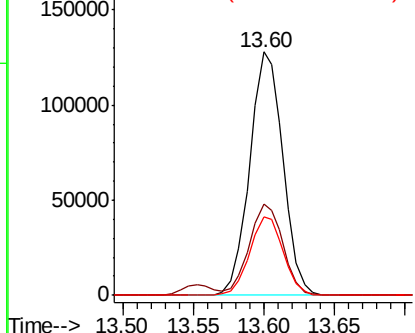
#47
 2-Chloronaphthalene
 Concen: 35.700 ng
 RT: 13.60 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 PB115103BSD

Tgt Ion: 162 Resp: 211143
 Ion Ratio Lower Upper
 162 100
 127 37.6 30.5 45.7
 164 32.2 26.4 39.6

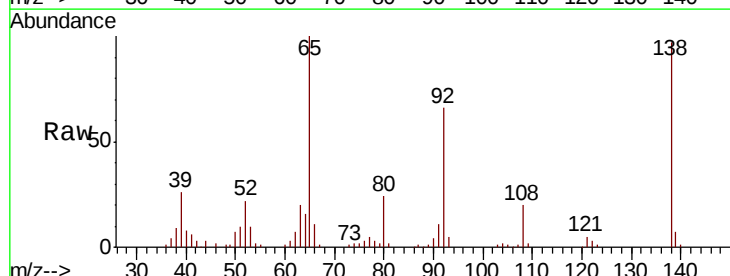


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

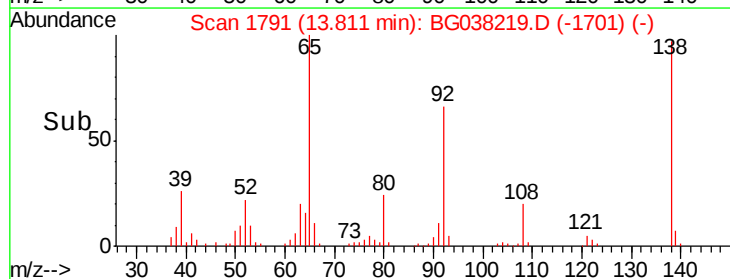
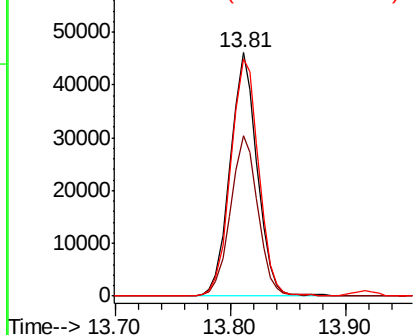


#48
 2-Nitroaniline
 Concen: 40.000 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Tgt Ion: 65 Resp: 74456
 Ion Ratio Lower Upper
 65 100
 92 65.7 53.2 79.8
 138 97.4 79.3 118.9



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: 39.350 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

ClientSampleId :

PB115103BSD

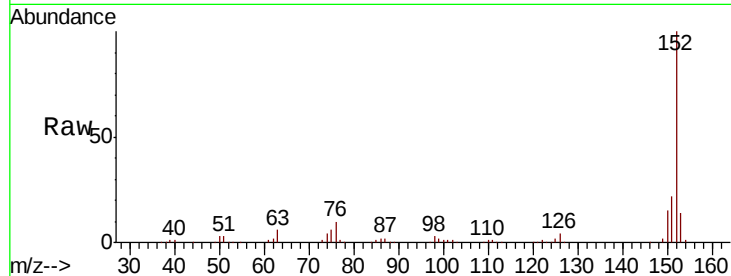
Tgt Ion:152 Resp: 349972

Ion Ratio Lower Upper

152 100

151 21.5 17.1 25.7

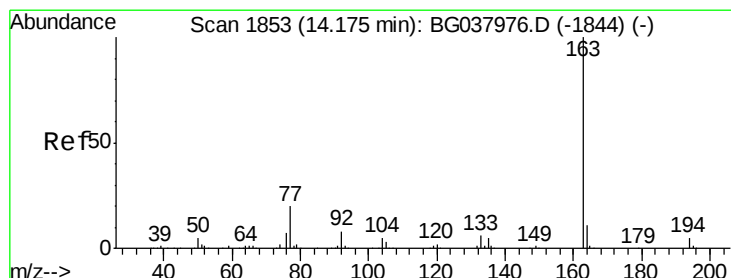
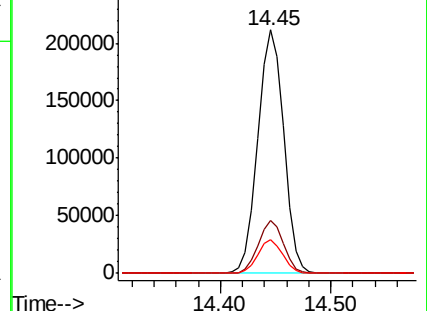
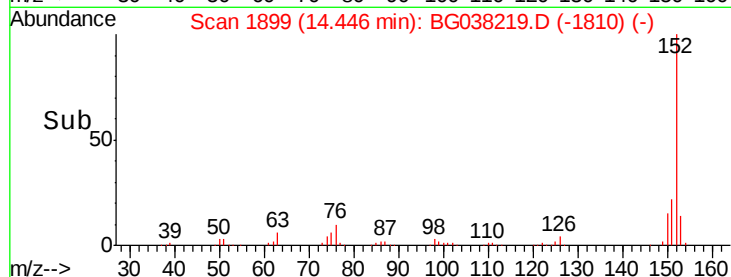
153 13.9 11.1 16.7



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: 36.579 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

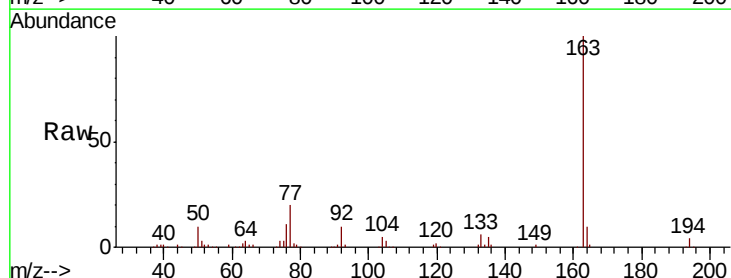
Tgt Ion:163 Resp: 267535

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

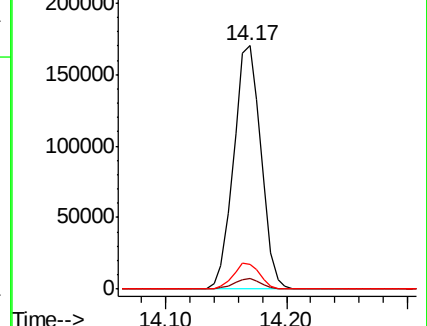
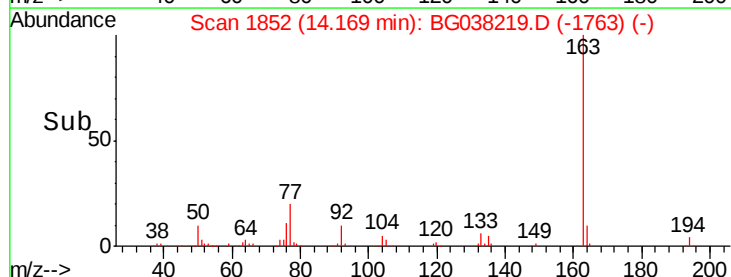
164 10.1 8.5 12.7

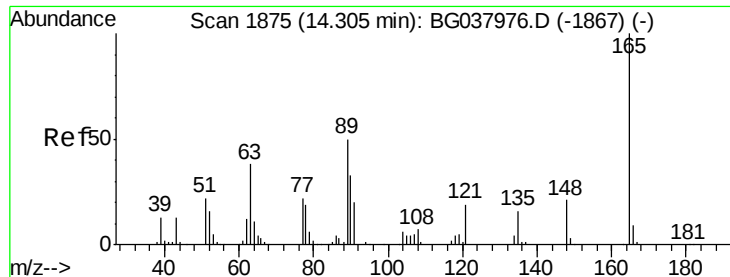


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

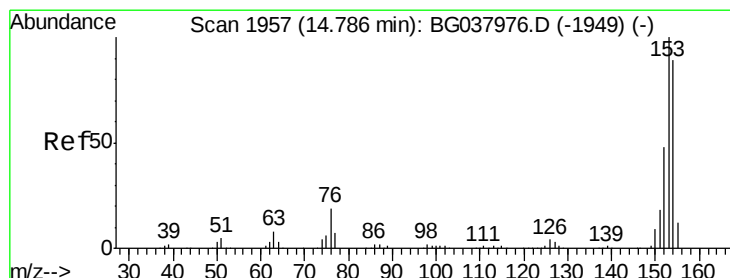
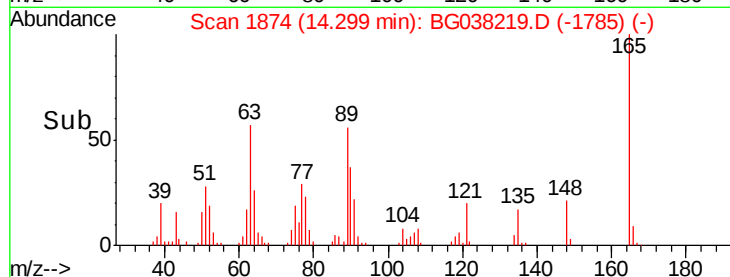
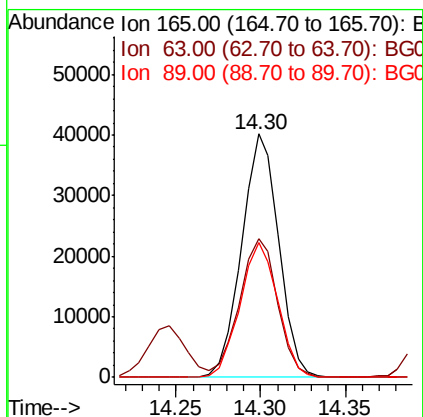
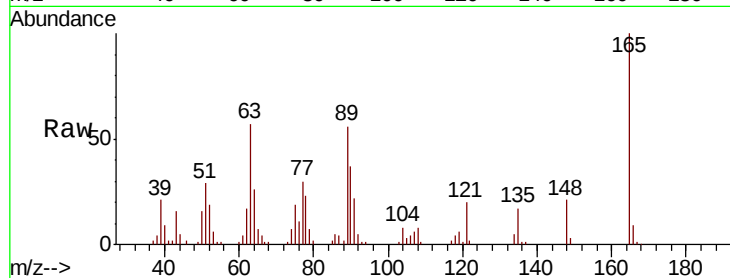




#51
 2,6-Dinitrotoluene
 Concen: 36.984 ng
 RT: 14.30 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

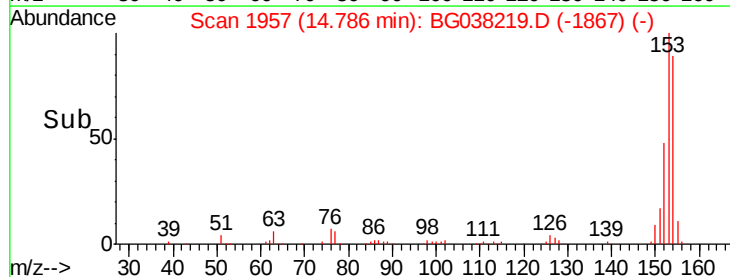
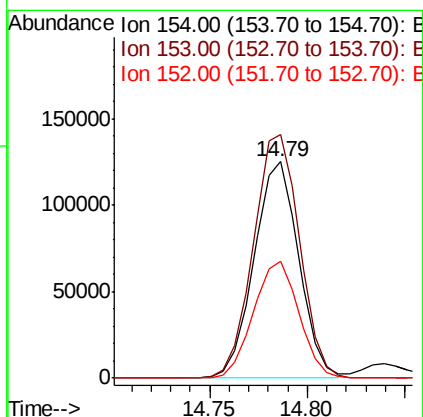
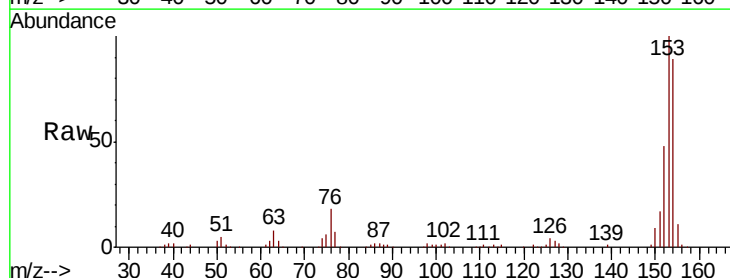
Instrument :
 BNA_G
 ClientSampleId :
 PB115103BSD

Tgt Ion:165 Resp: 61221
 Ion Ratio Lower Upper
 165 100
 63 56.8 43.4 65.2
 89 55.6 45.8 68.6



#52
 Acenaphthene
 Concen: 37.012 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Tgt Ion:154 Resp: 198174
 Ion Ratio Lower Upper
 154 100
 153 112.6 93.4 140.0
 152 54.2 44.7 67.1

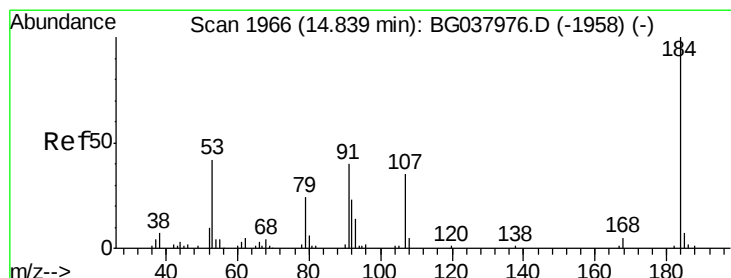
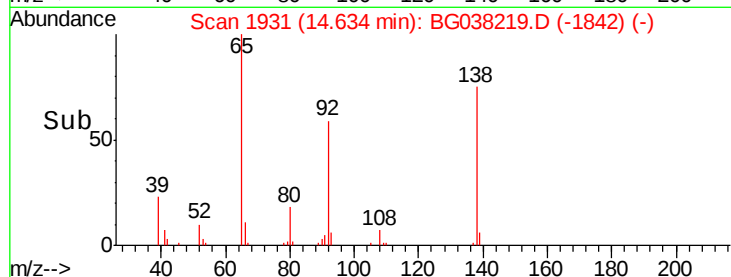
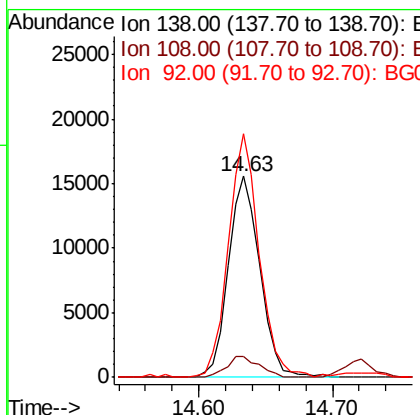
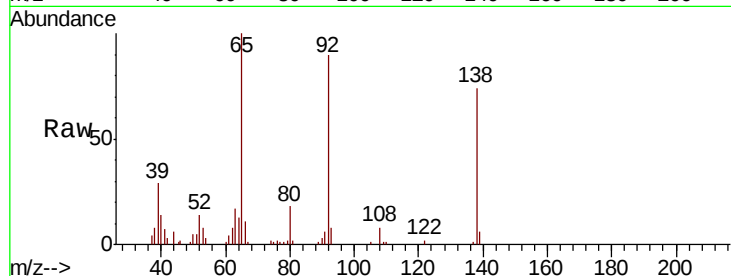




#53
 3-Nitroaniline
 Concen: 14.033 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

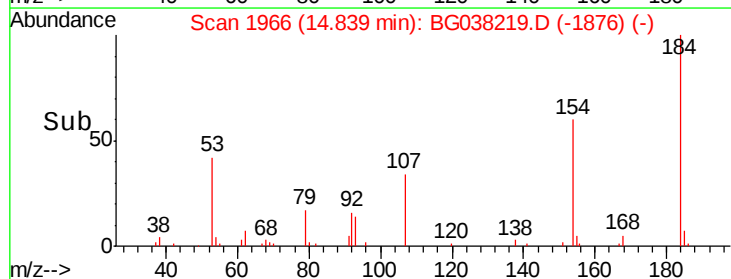
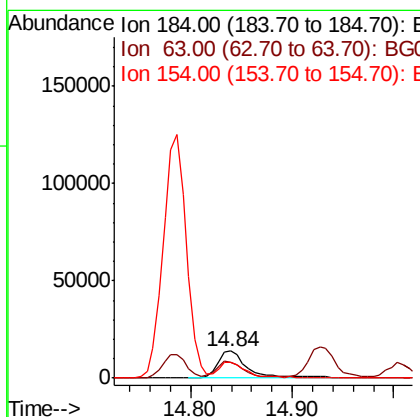
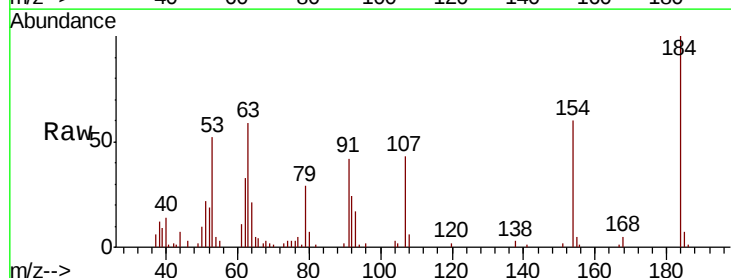
Instrument :
 BNA_G
 ClientSampleId :
 PB115103BSD

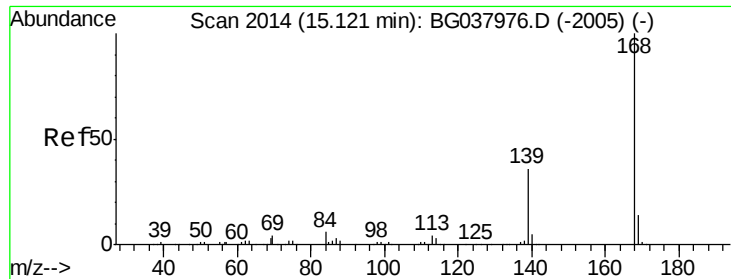
Tgt Ion:138 Resp: 25633
 Ion Ratio Lower Upper
 138 100
 108 10.4 11.0 16.6#
 92 121.2 95.2 142.8



#54
 2,4-Dinitrophenol
 Concen: 37.143 ng
 RT: 14.84 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Tgt Ion:184 Resp: 28157
 Ion Ratio Lower Upper
 184 100
 63 59.5 42.6 63.8
 154 59.7 41.8 62.6

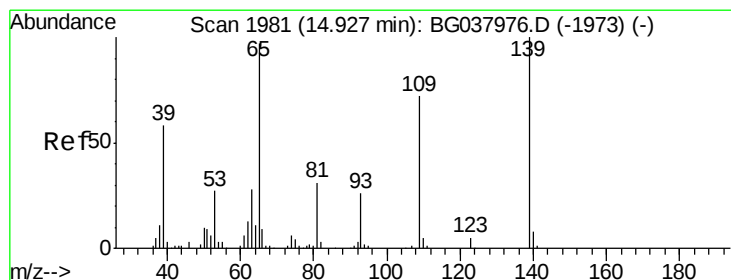
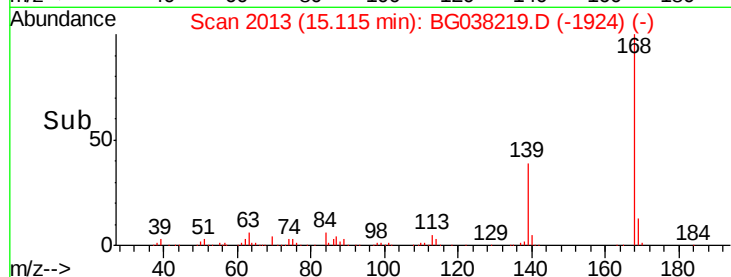
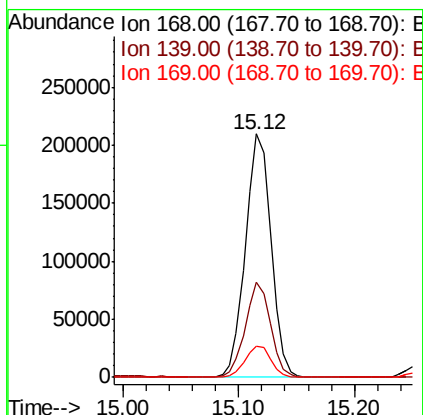
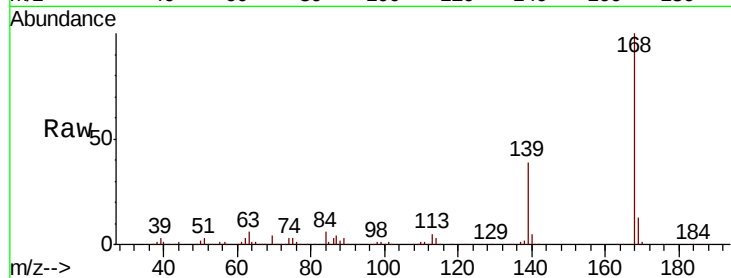




#55
Dibenzofuran
Concen: 36.623 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

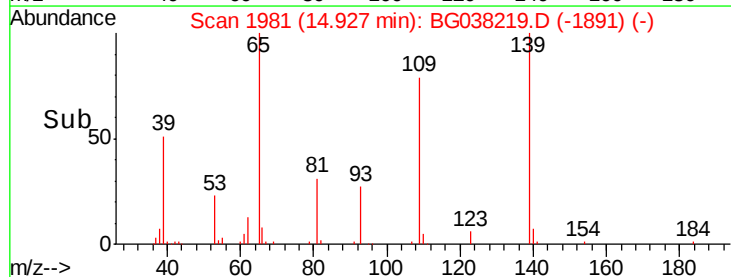
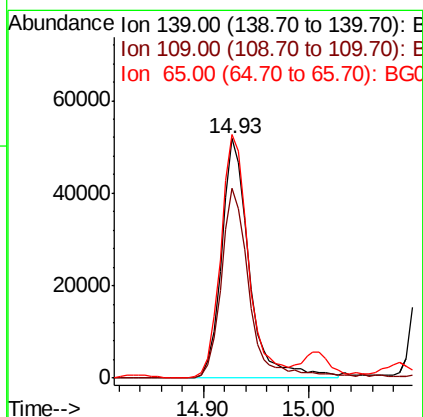
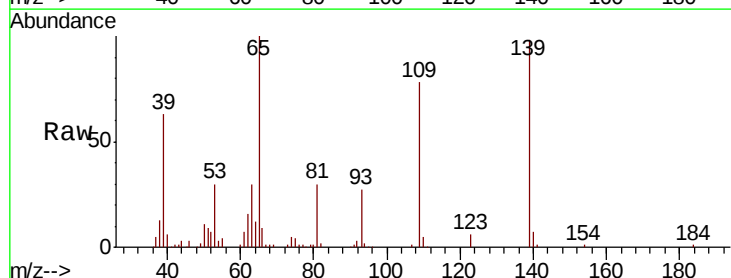
Instrument :
BNA_G
ClientSampleId :
PB115103BSD

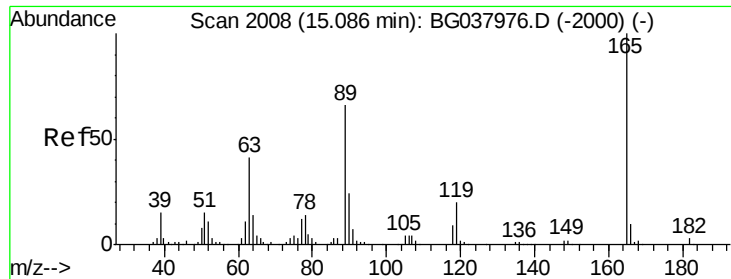
Tgt Ion:168 Resp: 324243
Ion Ratio Lower Upper
168 100
139 39.0 29.4 44.0
169 12.7 11.0 16.6



#56
4-Nitrophenol
Concen: 66.508 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion:139 Resp: 93695
Ion Ratio Lower Upper
139 100
109 79.0 49.5 89.5
65 101.7 76.8 116.8

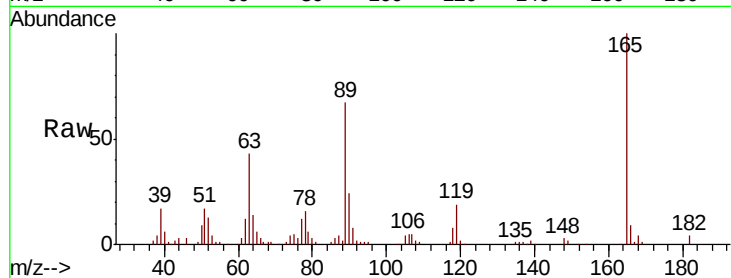




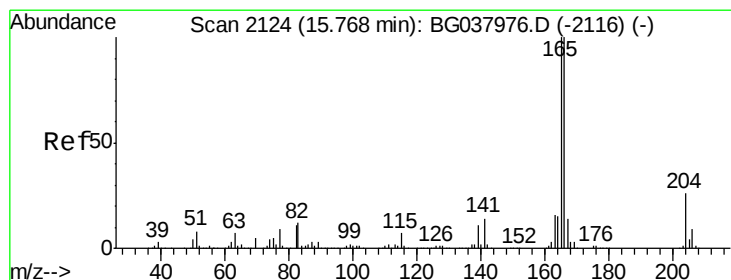
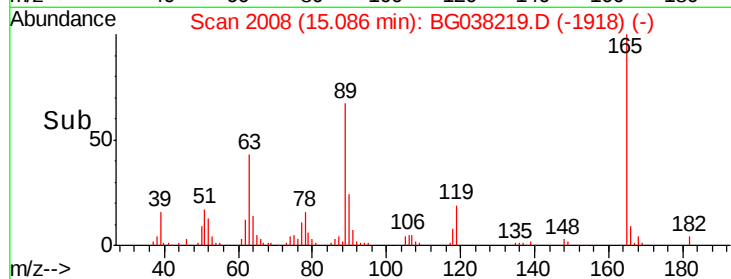
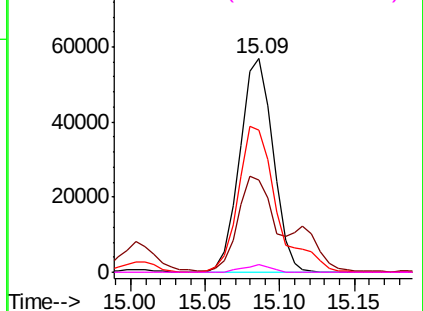
#57
 2,4-Dinitrotoluene
 Concen: 39.094 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 PB115103BSD

Tgt Ion:	165	Resp:	88049
Ion	Ratio	Lower	Upper
165	100		
63	42.9	33.4	50.0
89	66.7	57.2	85.8
182	3.6	2.6	4.0

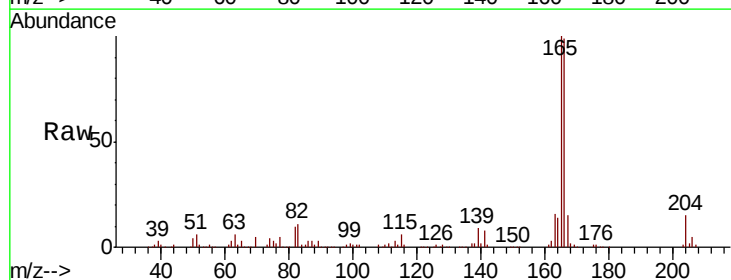


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

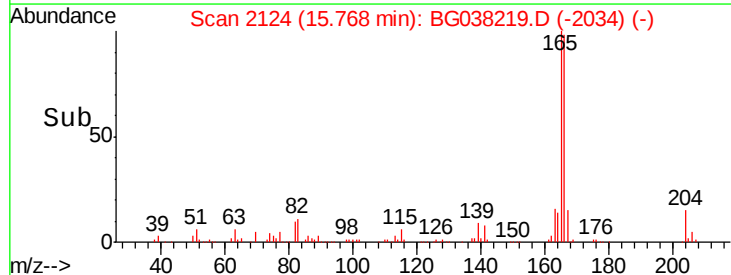
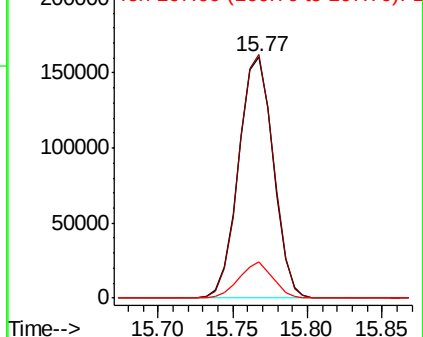


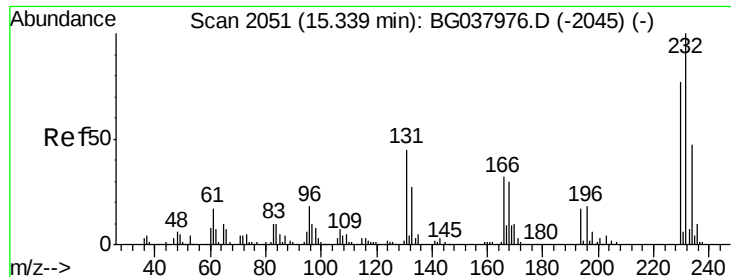
#58
 Fluorene
 Concen: 39.219 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Tgt Ion:	166	Resp:	259077
Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.0	118.6
167	15.2	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

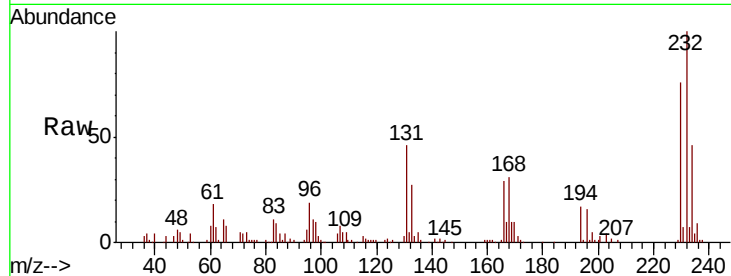




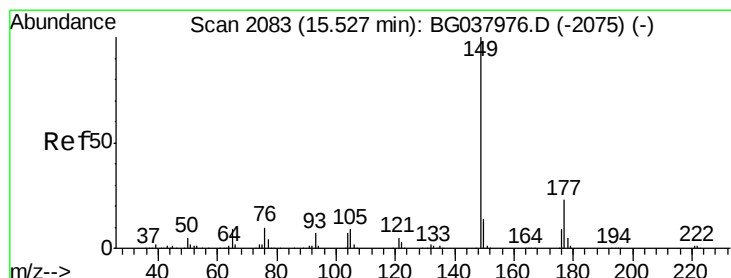
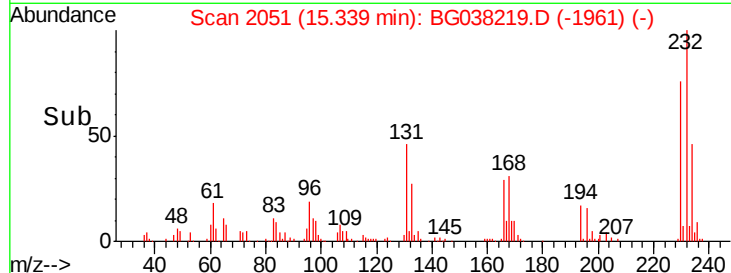
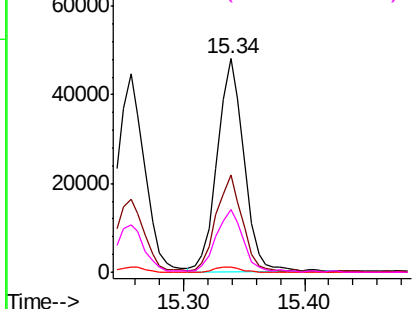
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.648 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 PB115103BSD

Tgt Ion: 232 Resp: 73331
 Ion Ratio Lower Upper
 232 100
 131 46.1 33.7 50.5
 130 2.5 2.1 3.1
 166 30.0 24.6 36.8

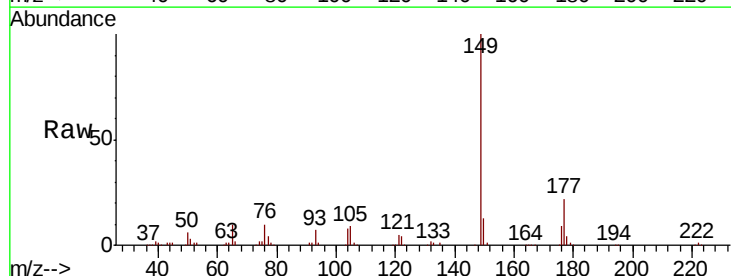


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

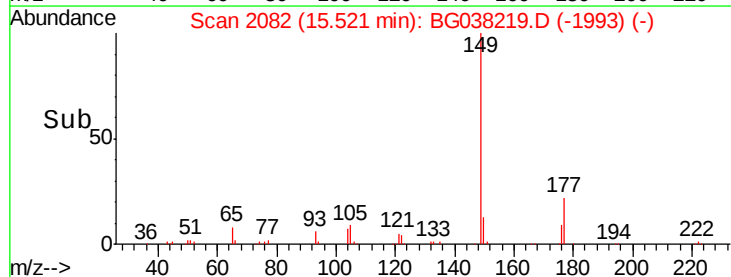
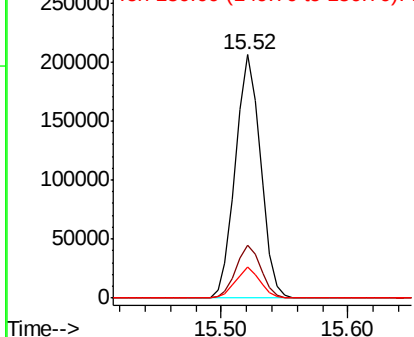


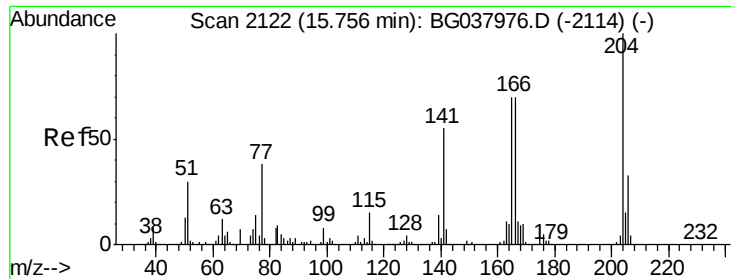
#60
 Diethylphthalate
 Concen: 36.349 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.01 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Tgt Ion: 149 Resp: 282376
 Ion Ratio Lower Upper
 149 100
 177 21.8 18.3 27.5
 150 12.6 10.0 15.0



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

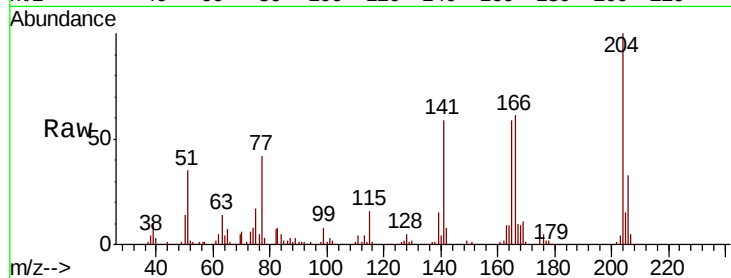




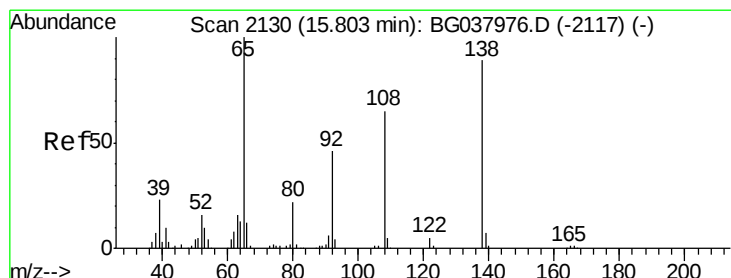
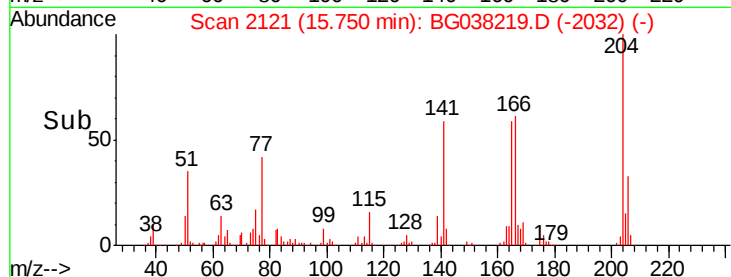
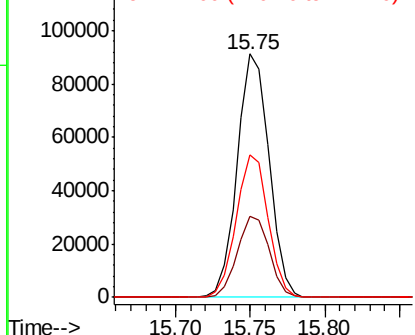
#61
 4-Chlorophenyl-phenylether
 Concen: 35.008 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 PB115103BSD

Tgt Ion: 204 Resp: 135317
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.6 39.8
 141 58.8 45.4 68.2

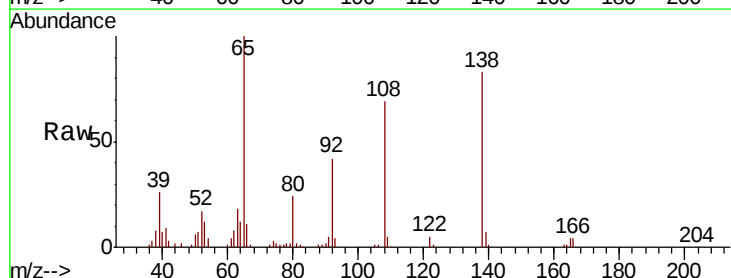


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

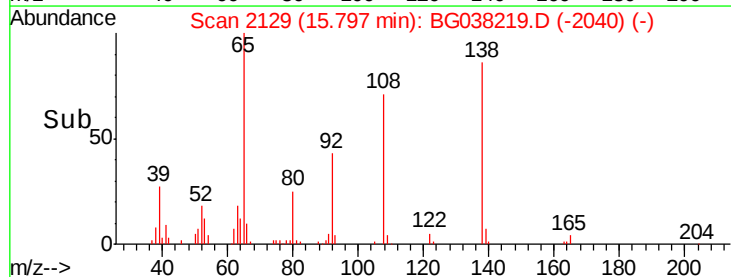
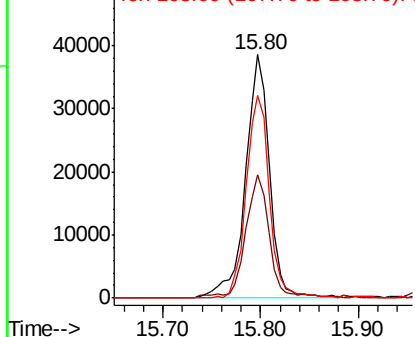


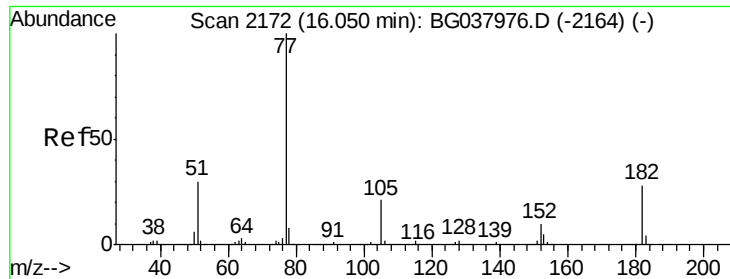
#62
 4-Nitroaniline
 Concen: 36.698 ng
 RT: 15.80 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Tgt Ion: 138 Resp: 66591
 Ion Ratio Lower Upper
 138 100
 92 50.6 36.4 76.4
 108 83.5 60.1 100.1



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

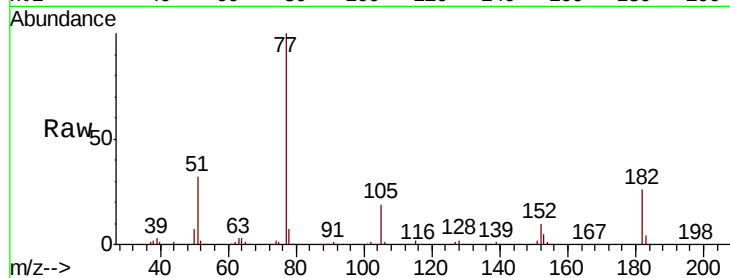




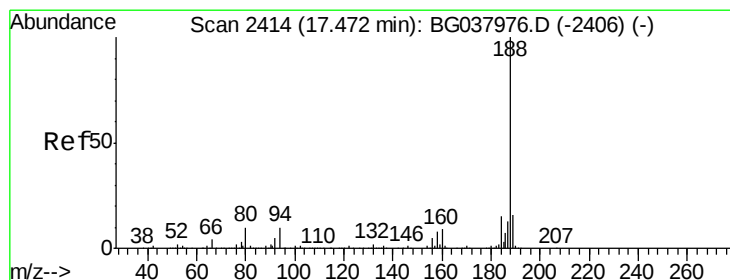
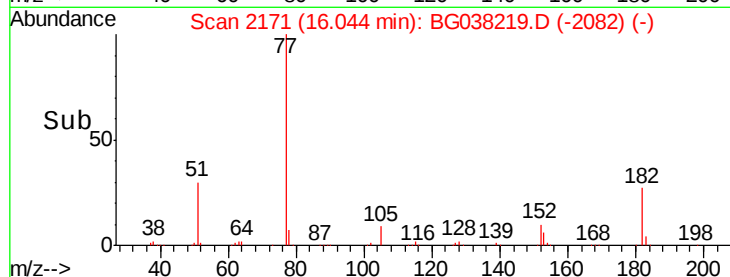
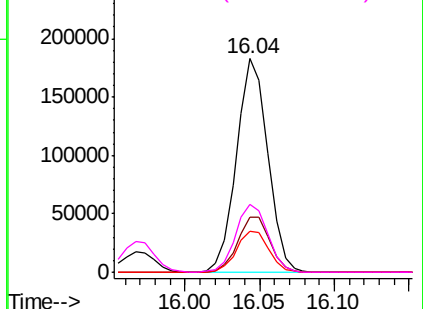
#63
Azobenzene
Concen: 38.436 ng
RT: 16.04 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tgt Ion: 77 Resp: 266969
Ion Ratio Lower Upper
77 100
182 25.9 8.0 48.0
105 19.5 1.3 41.3
51 31.9 10.7 50.7

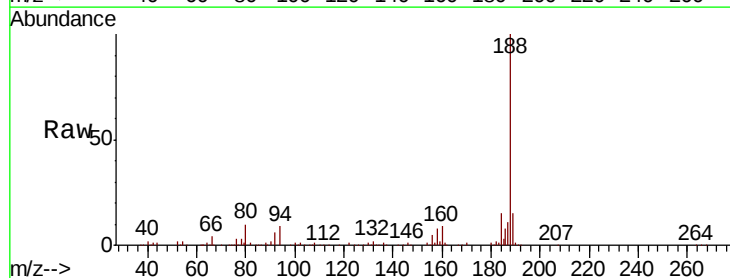


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

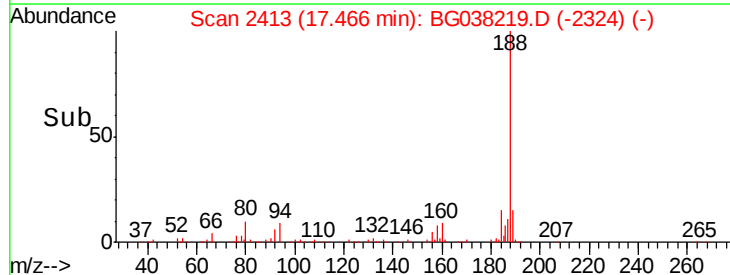
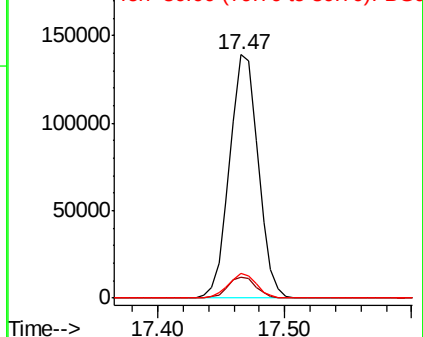


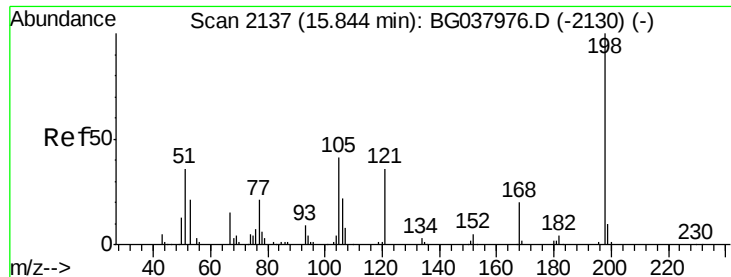
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion: 188 Resp: 217083
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 10.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 24.886 ng

RT: 15.84 min Scan# 2137

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

ClientSampleId :

PB115103BSD

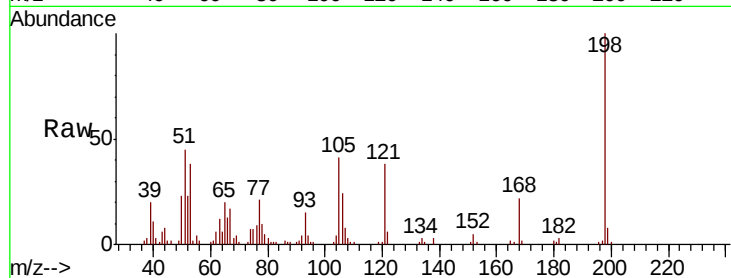
Tgt Ion:198 Resp: 34170

Ion Ratio Lower Upper

198 100

51 44.9 22.7 62.7

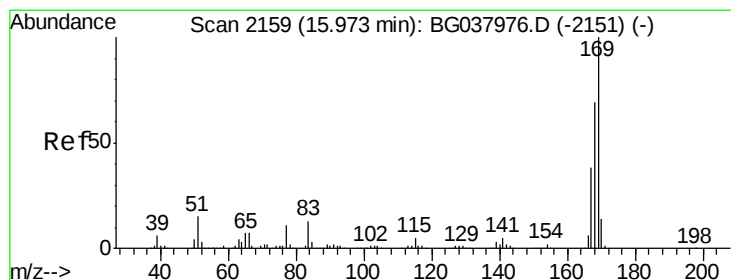
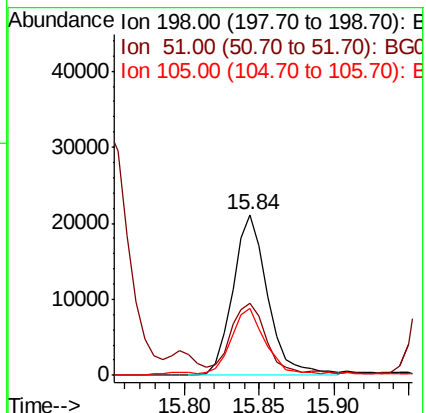
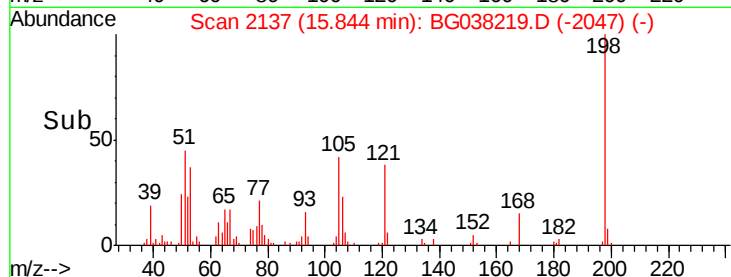
105 41.3 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG038219.D (-2069) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.199 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

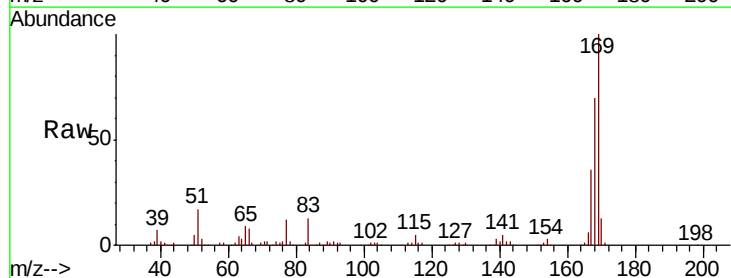
Tgt Ion:169 Resp: 237729

Ion Ratio Lower Upper

169 100

168 69.6 55.7 83.5

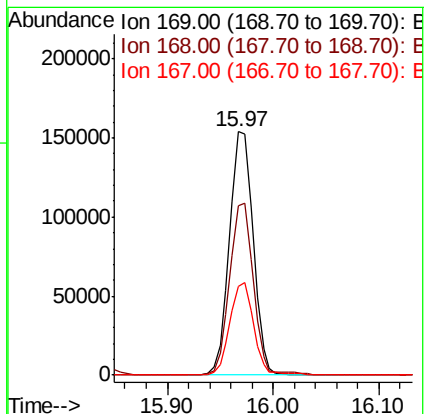
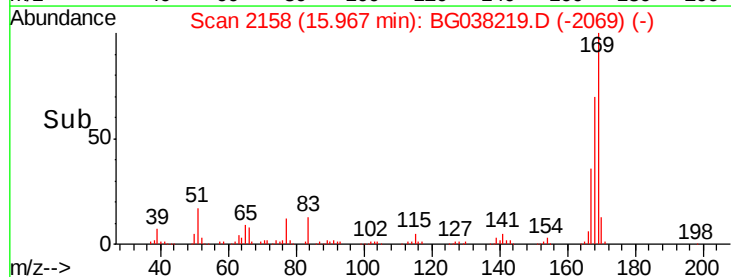
167 36.4 31.3 46.9

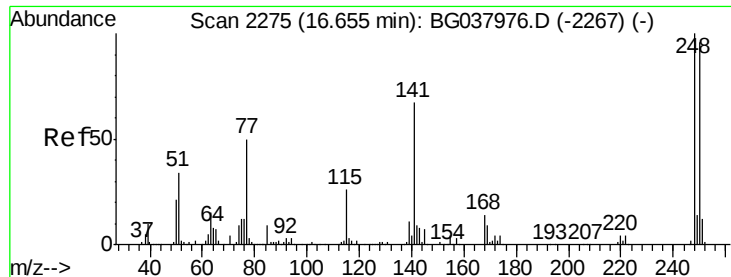


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

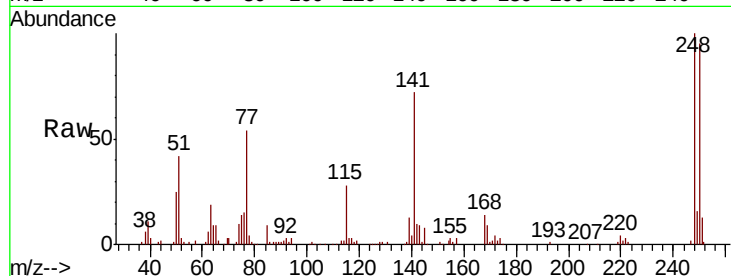




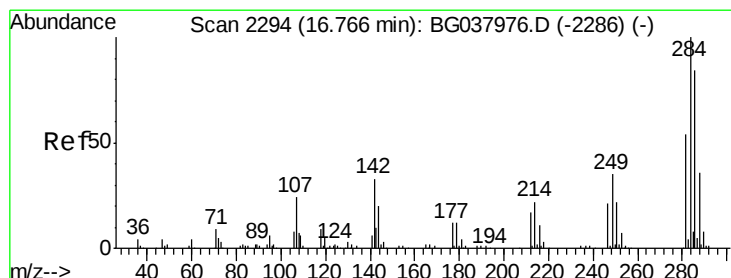
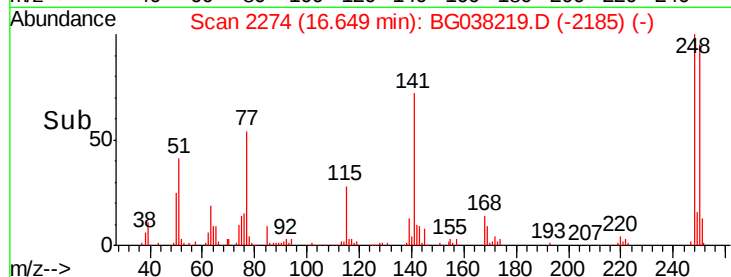
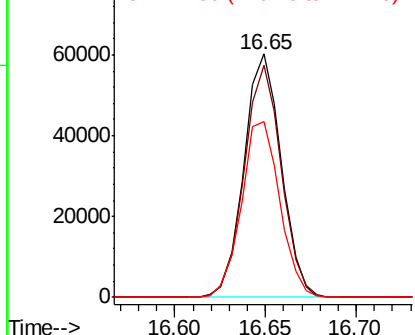
#67
 4-Bromophenyl-phenylether
 Concen: 36.111 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 PB115103BSD

Tgt Ion: 248 Resp: 86040
 Ion Ratio Lower Upper
 248 100
 250 95.5 77.0 115.6
 141 72.1 55.5 83.3

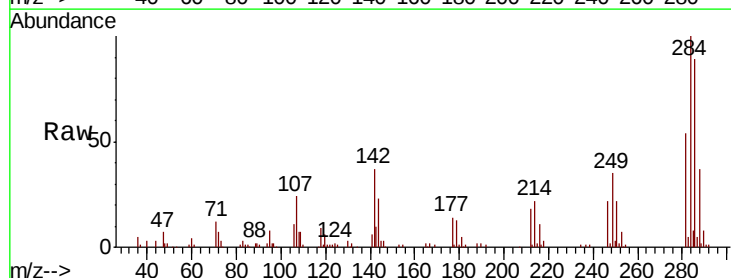


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

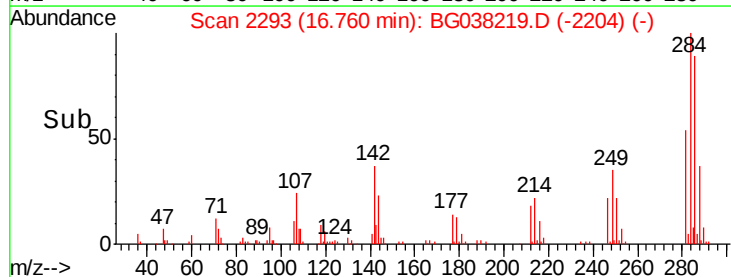
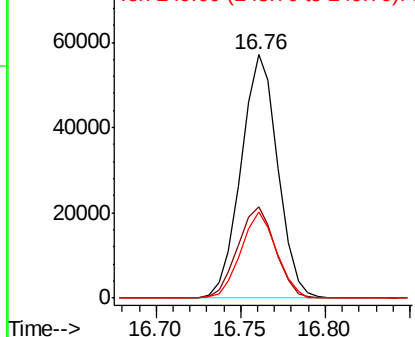


#68
 Hexachlorobenzene
 Concen: 35.076 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG038219.D
 Acq: 29 Nov 2018 3:46

Tgt Ion: 284 Resp: 86266
 Ion Ratio Lower Upper
 284 100
 142 37.2 28.1 42.1
 249 38.0 29.8 44.8



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: 37.289 ng

RT: 16.91 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

ClientSampleId :

PB115103BSD

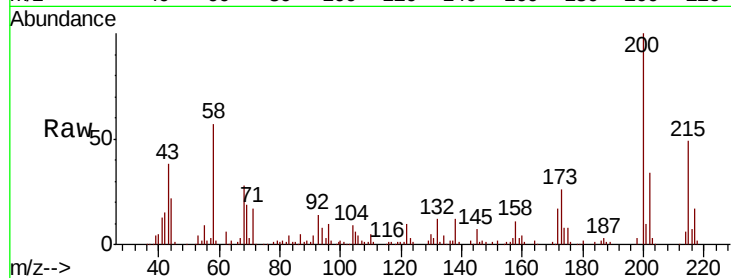
Tgt Ion:200 Resp: 90275

Ion Ratio Lower Upper

200 100

173 25.6 6.1 46.1

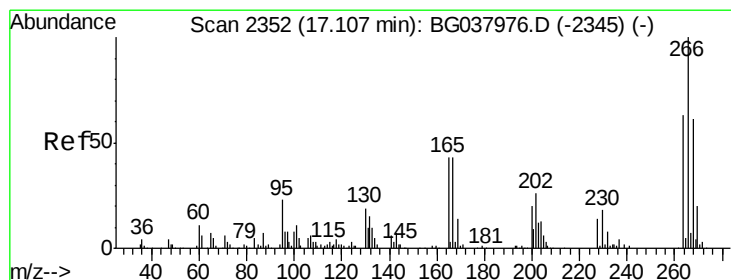
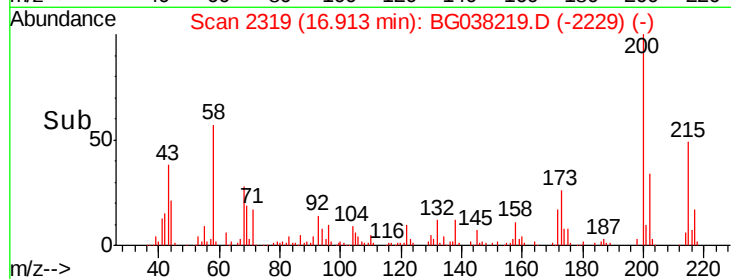
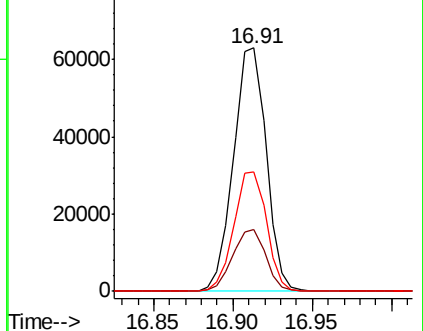
215 49.1 30.8 70.8



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: 51.499 ng

RT: 17.11 min Scan# 2352

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

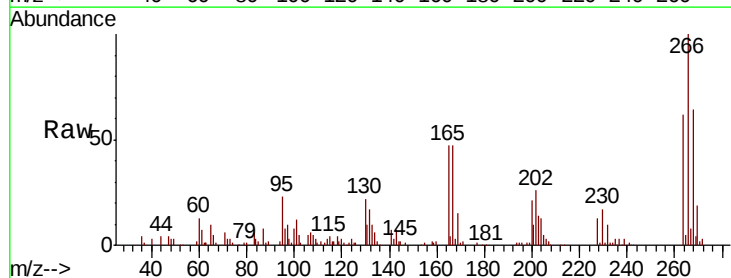
Tgt Ion:266 Resp: 86021

Ion Ratio Lower Upper

266 100

268 68.0 55.0 82.6

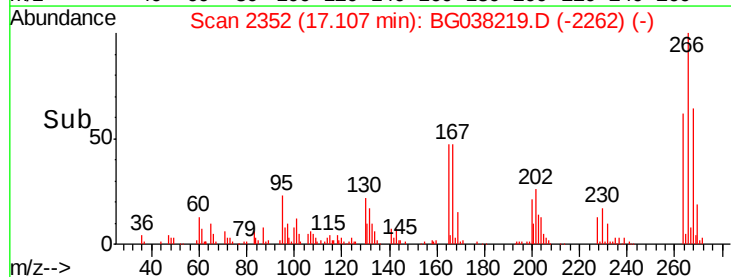
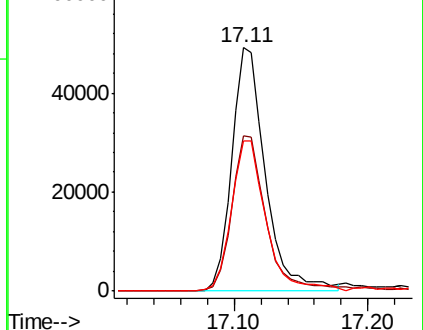
264 67.4 58.9 88.3

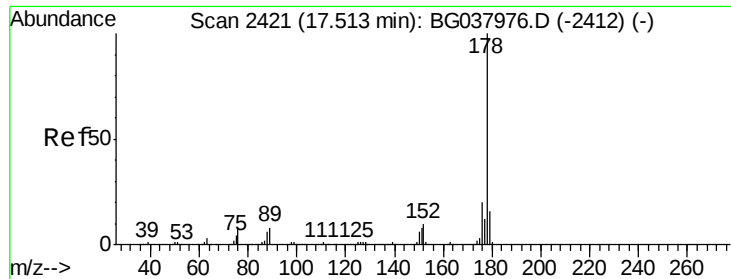


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

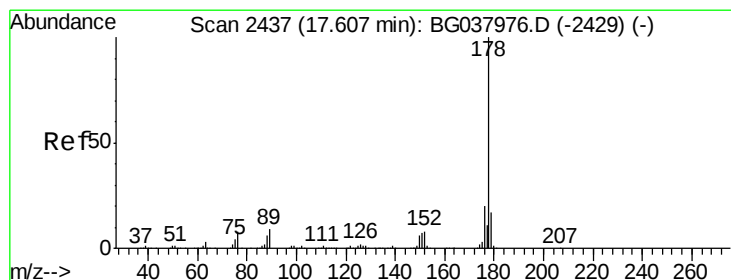
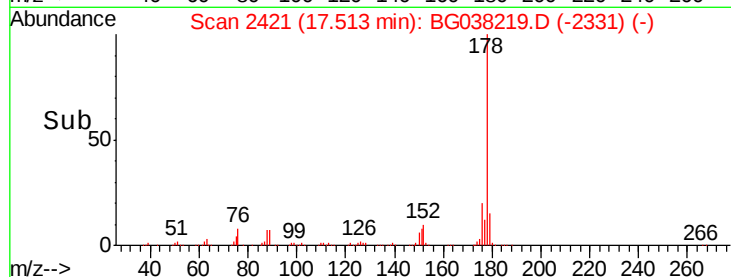
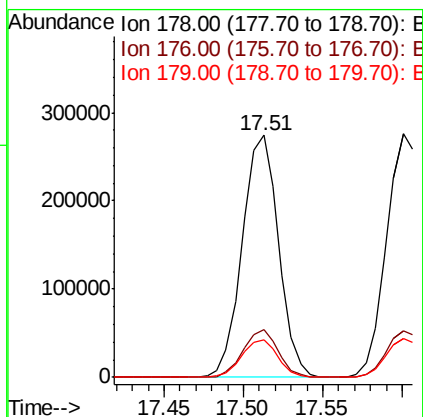
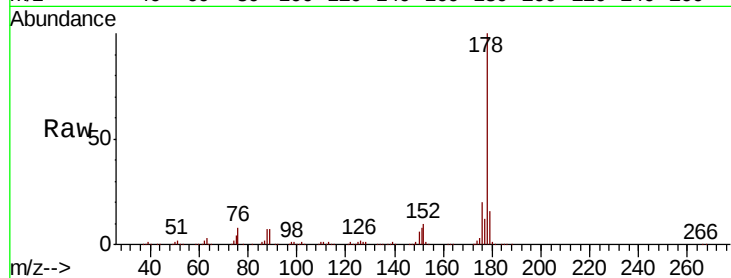




#71
Phenanthrene
Concen: 39.256 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

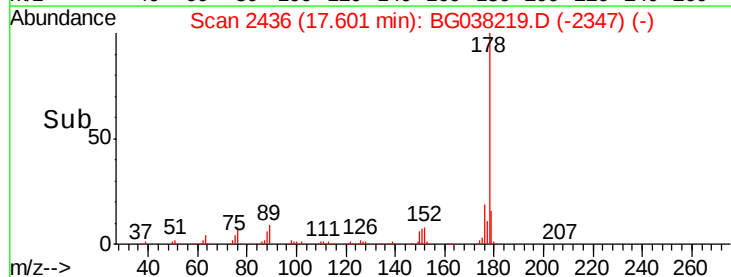
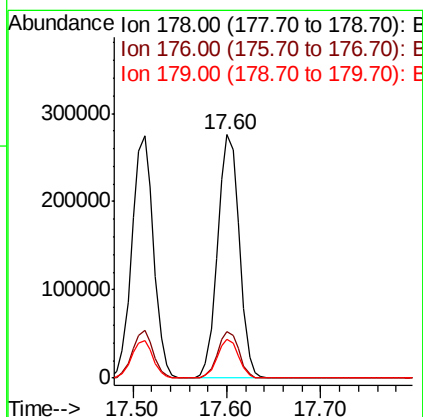
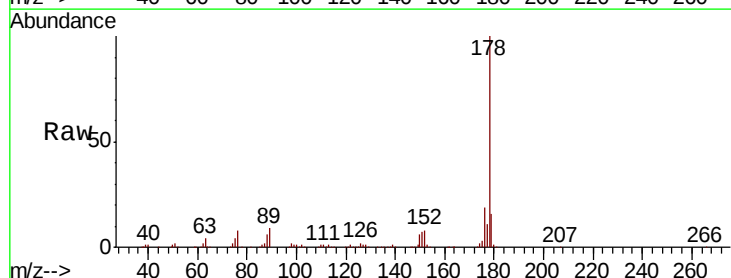
Instrument :
BNA_G
ClientSampleId :
PB115103BSD

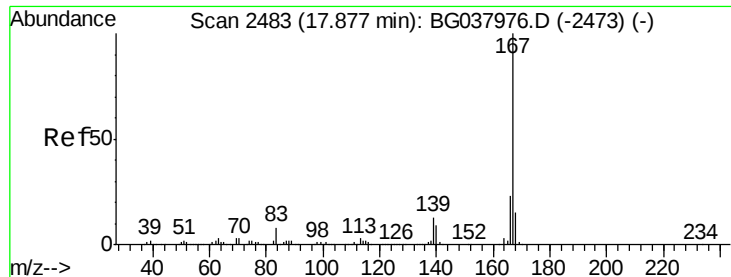
Tgt Ion:178 Resp: 436305
Ion Ratio Lower Upper
178 100
176 19.6 16.1 24.1
179 15.5 13.0 19.4



#72
Anthracene
Concen: 40.702 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion:178 Resp: 445926
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.9 12.8 19.2





#73

Carbazole

Concen: 36.433 ng

RT: 17.88 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

ClientSampleId :

PB115103BSD

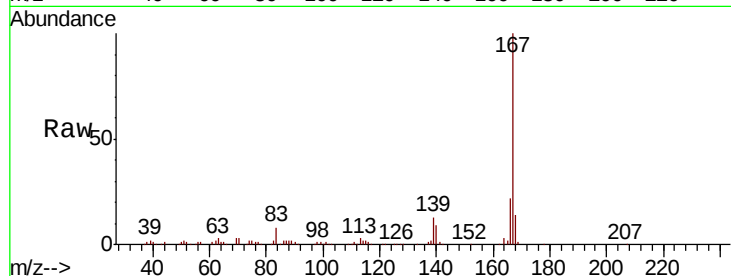
Tgt Ion:167 Resp: 400472

Ion Ratio Lower Upper

167 100

166 22.2 18.3 27.5

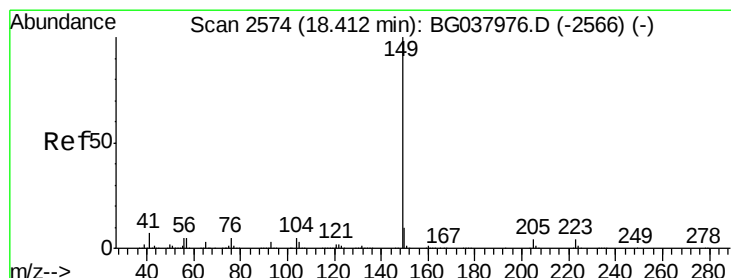
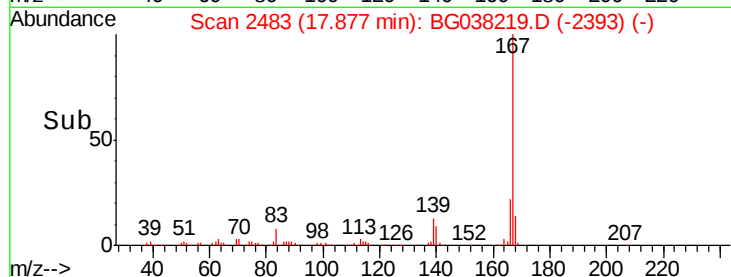
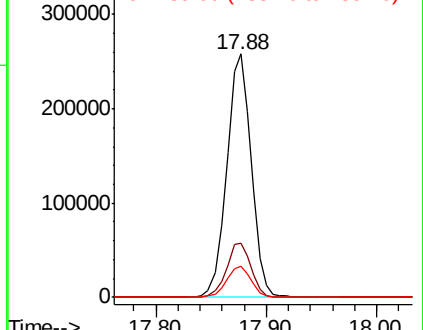
139 13.0 10.5 15.7



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: 39.602 ng

RT: 18.41 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

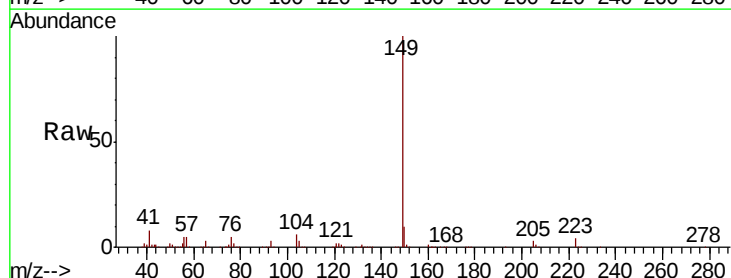
Tgt Ion:149 Resp: 488639

Ion Ratio Lower Upper

149 100

150 9.5 8.2 12.2

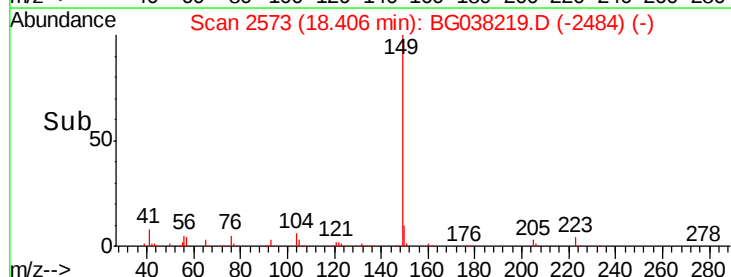
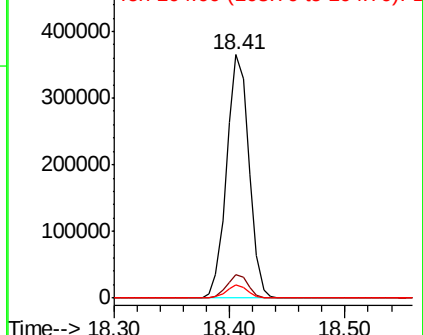
104 5.6 4.0 6.0



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: 40.788 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

ClientSampleId :

PB115103BSD

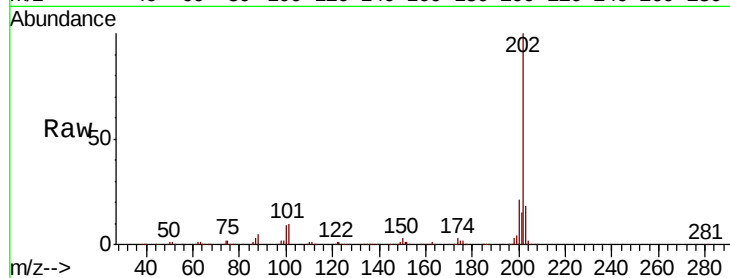
Tgt Ion:202 Resp: 517217

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.7

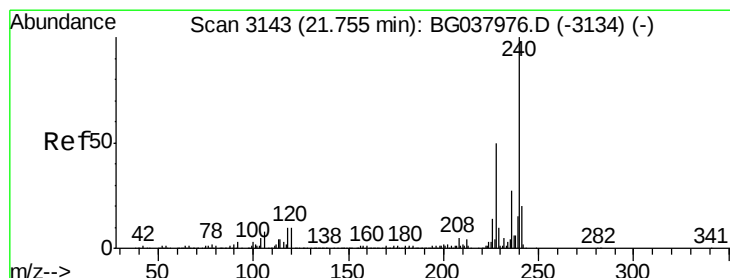
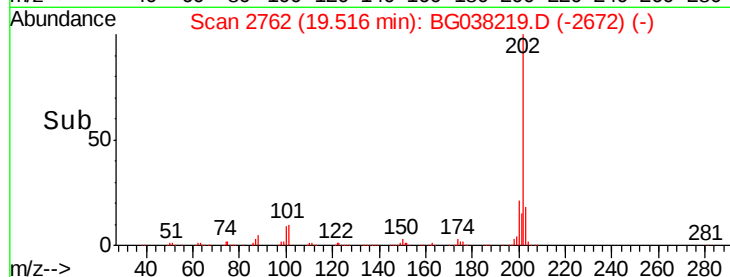
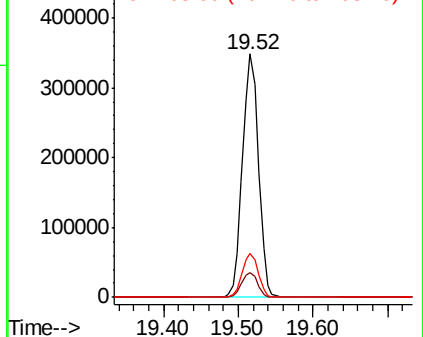
203 17.9 0.0 38.5



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: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

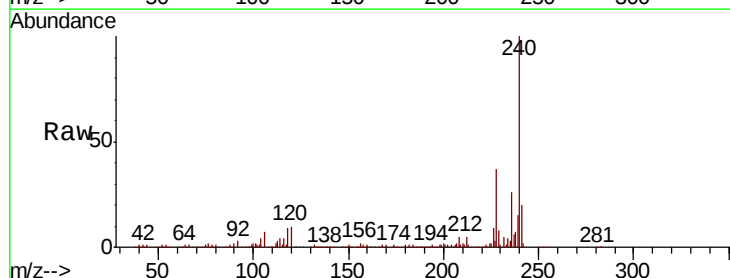
Tgt Ion:240 Resp: 206532

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

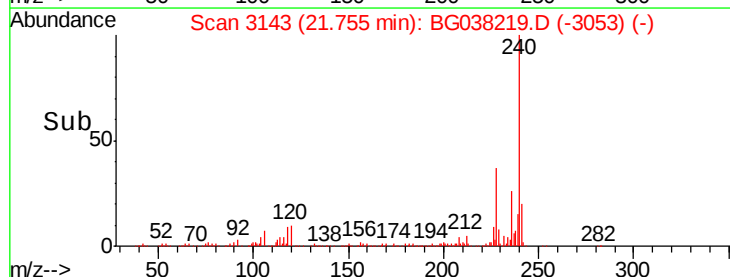
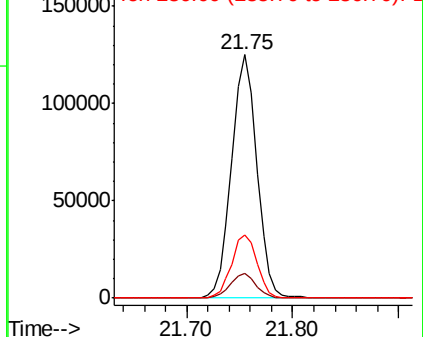
236 26.1 21.4 32.0



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: 15.733 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

ClientSampleId :

PB115103BSD

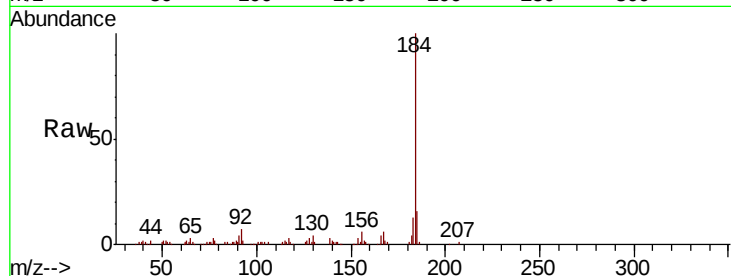
Tgt Ion:184 Resp: 114015

Ion Ratio Lower Upper

184 100

185 16.0 12.6 18.8

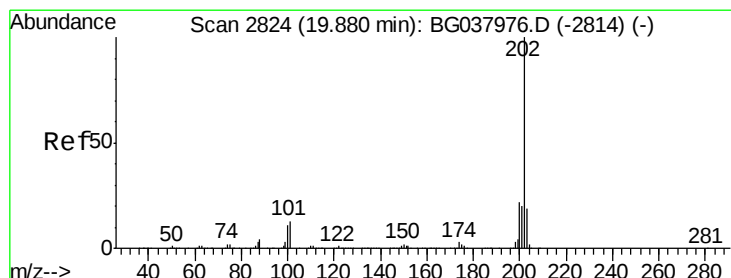
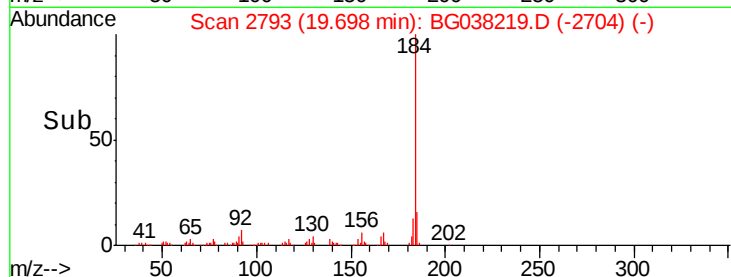
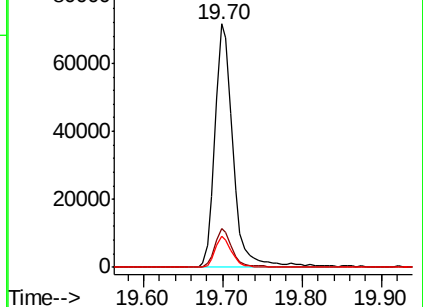
183 12.7 10.2 15.2



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: 38.754 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

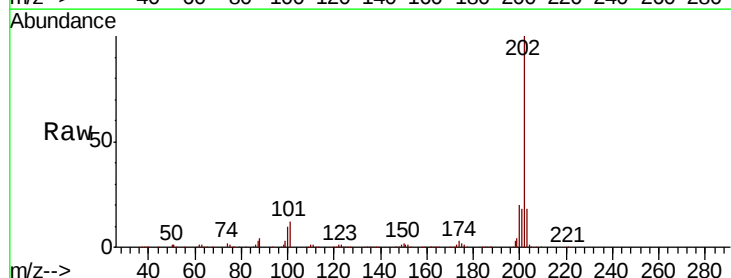
Tgt Ion:202 Resp: 523305

Ion Ratio Lower Upper

202 100

200 20.4 17.8 26.6

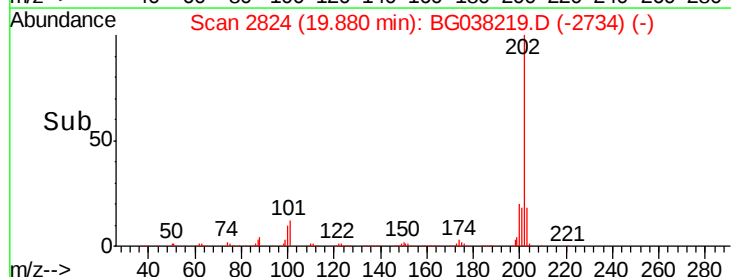
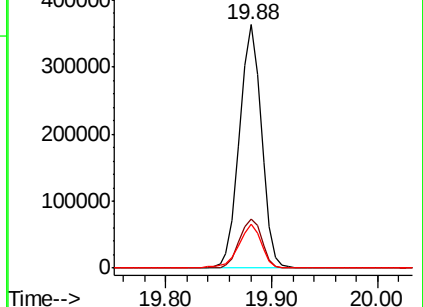
203 18.1 15.2 22.8

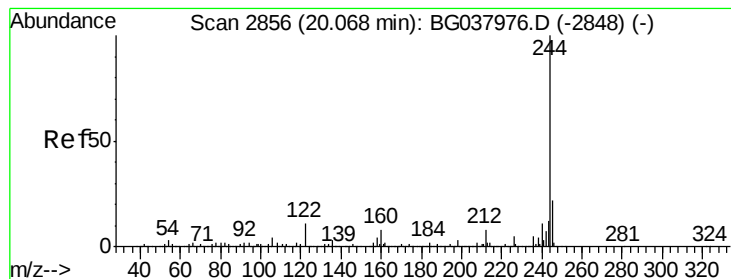


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.407 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

ClientSampleId :

PB115103BSD

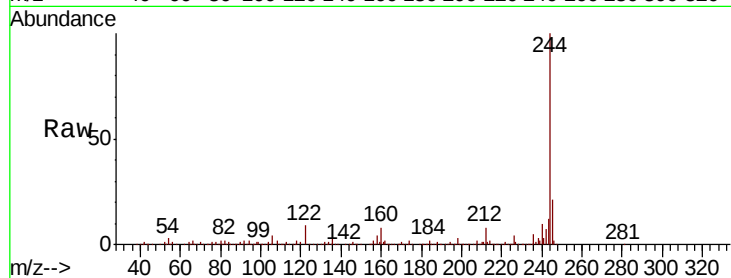
Tgt Ion:244 Resp: 732091

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

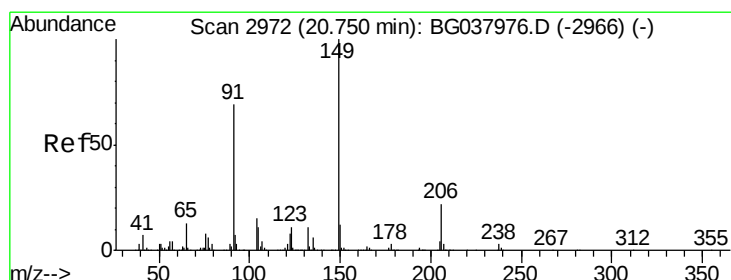
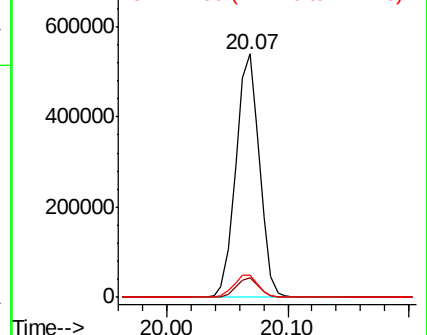
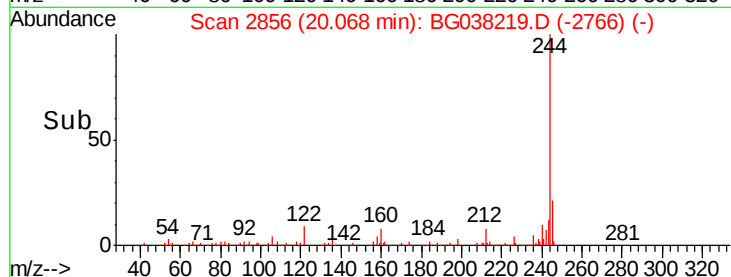
122 9.4 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.251 ng

RT: 20.75 min Scan# 2972

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

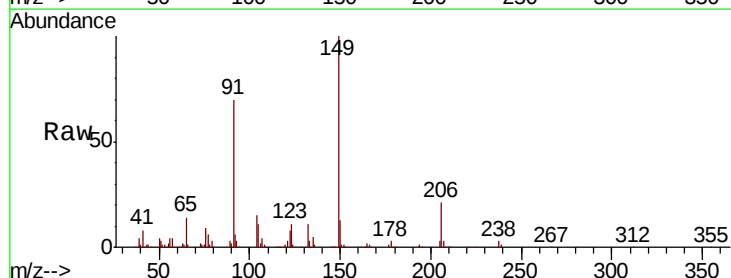
Tgt Ion:149 Resp: 225876

Ion Ratio Lower Upper

149 100

91 69.9 57.0 85.4

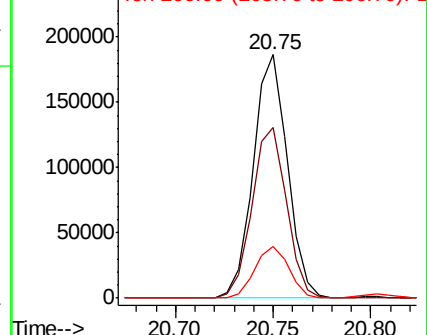
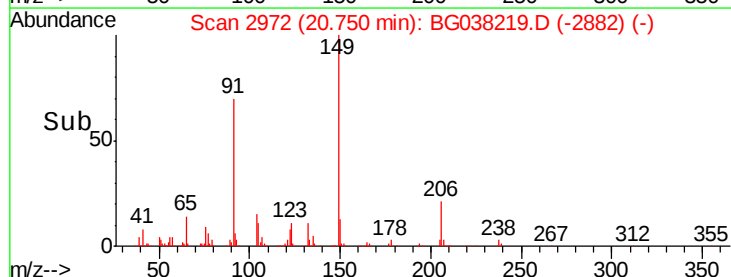
206 21.0 17.8 26.6

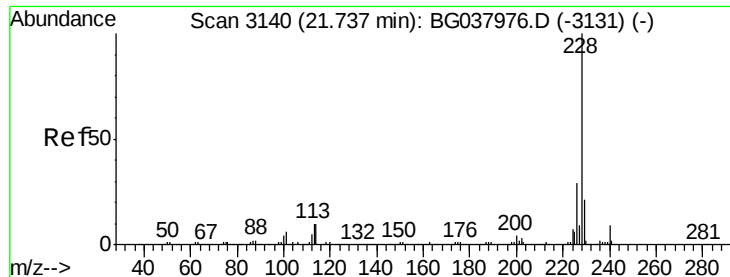


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

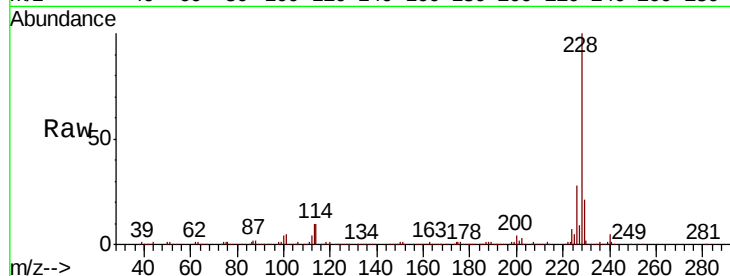




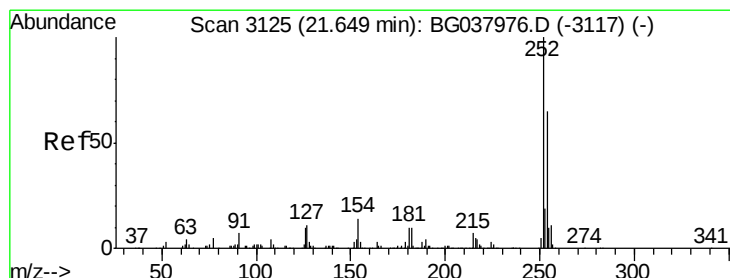
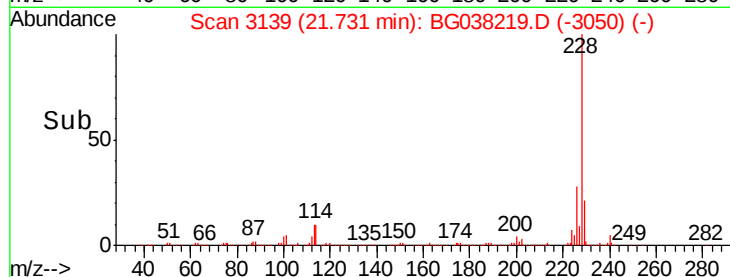
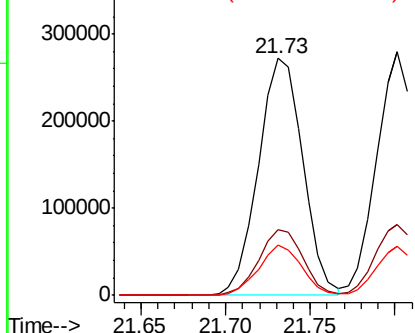
#81
Benzo(a)anthracene
Concen: 39.697 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tgt Ion:228 Resp: 495458
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 21.3 16.3 24.5

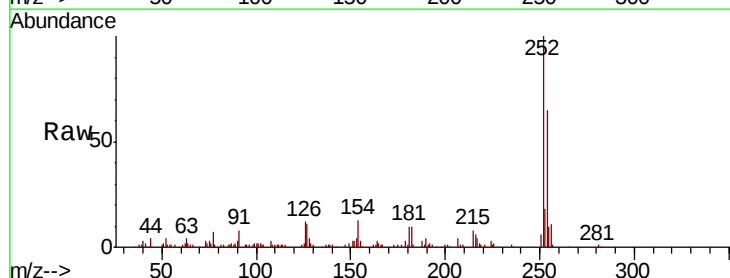


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

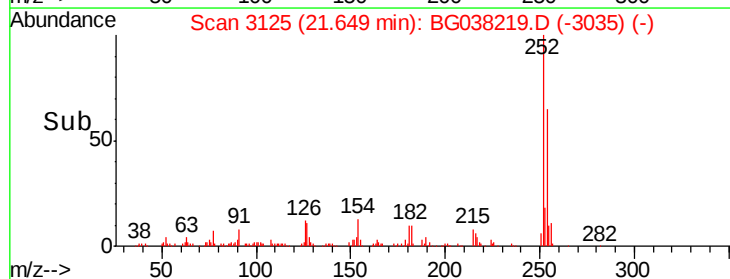
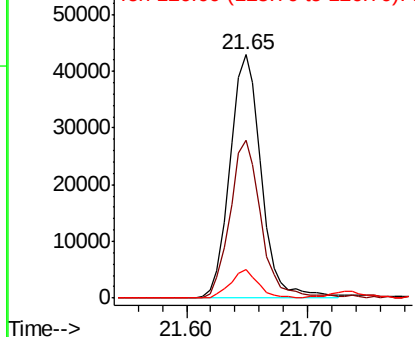


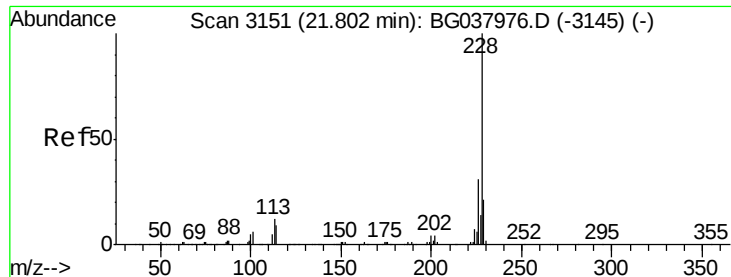
#82
3,3'-Dichlorobenzidine
Concen: 15.932 ng
RT: 21.65 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion:252 Resp: 77457
Ion Ratio Lower Upper
252 100
254 64.8 52.0 78.0
126 11.9 8.2 12.4



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: 38.885 ng

RT: 21.80 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

ClientSampleId :

PB115103BSD

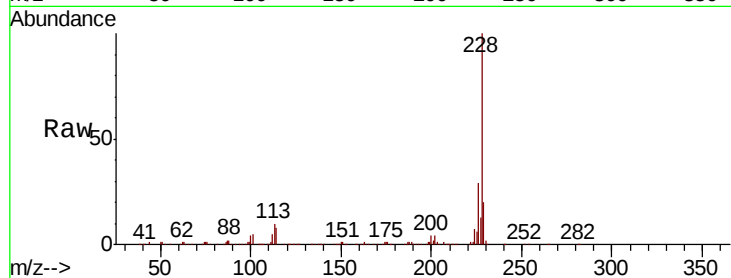
Tgt Ion: 228 Resp: 464344

Ion Ratio Lower Upper

228 100

226 29.3 25.7 38.5

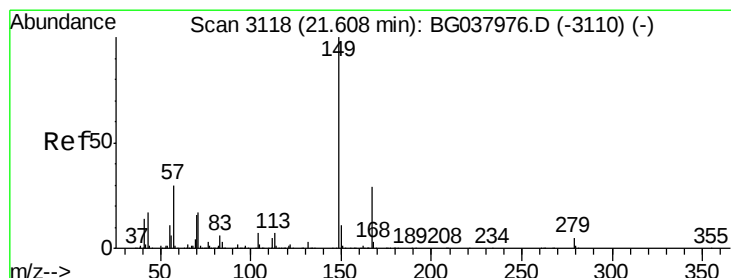
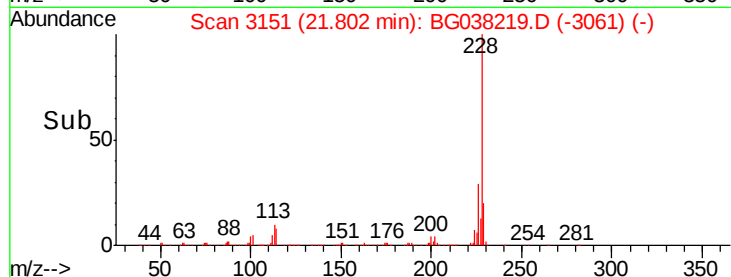
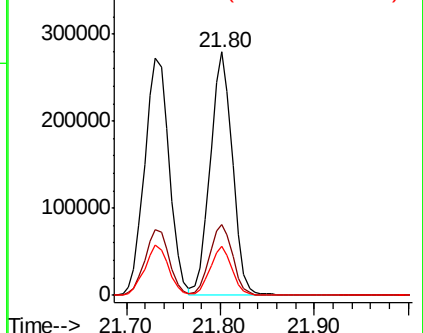
229 20.0 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.957 ng

RT: 21.60 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

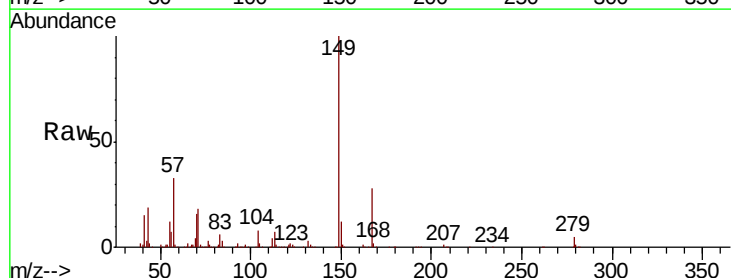
Tgt Ion: 149 Resp: 319651

Ion Ratio Lower Upper

149 100

167 28.1 23.0 34.4

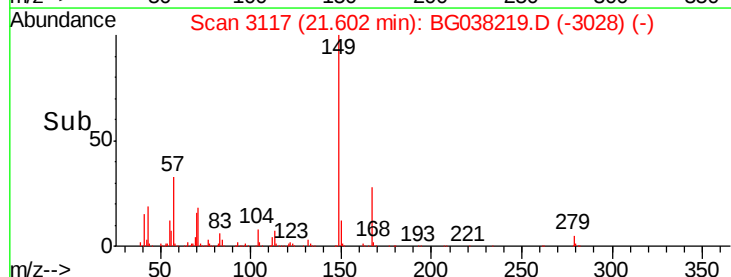
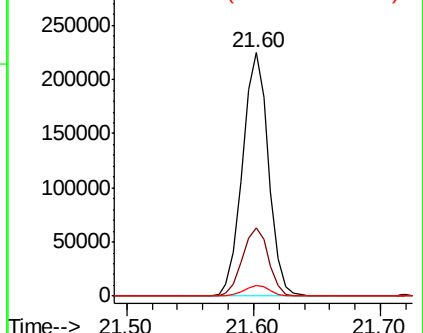
279 4.5 3.6 5.4

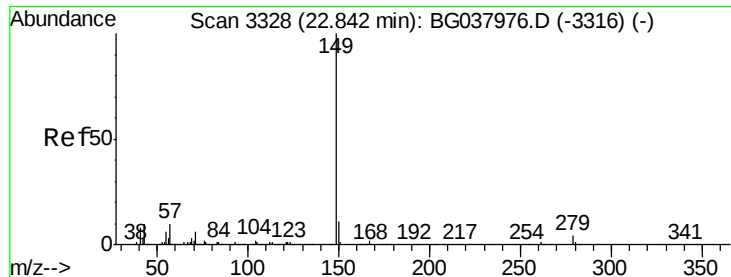


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

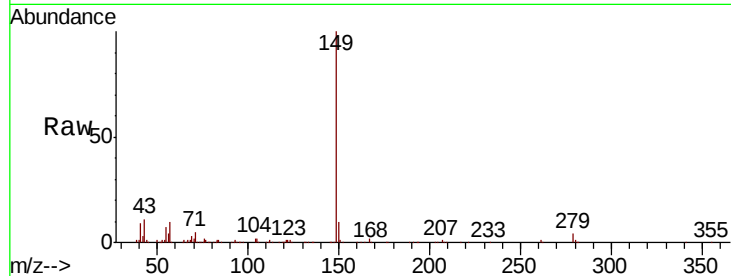




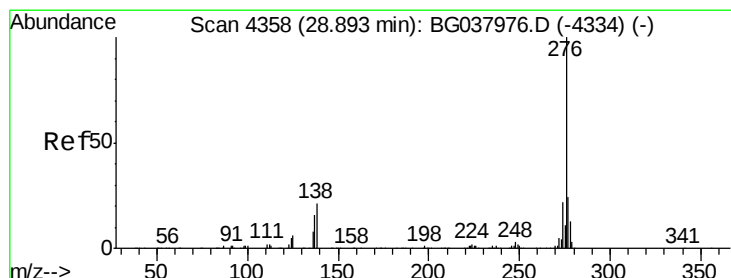
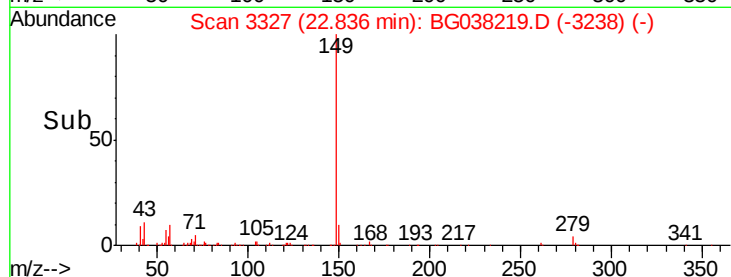
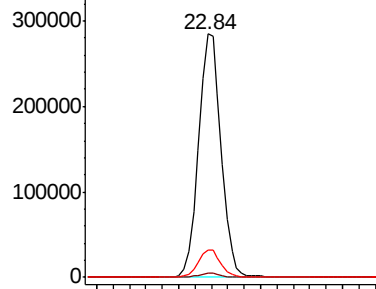
#85
Di-n-octyl phthalate
Concen: 39.945 ng
RT: 22.84 min Scan# 3327
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.4	8.7	13.1

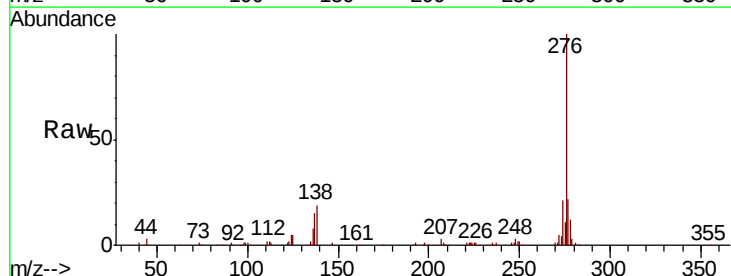


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

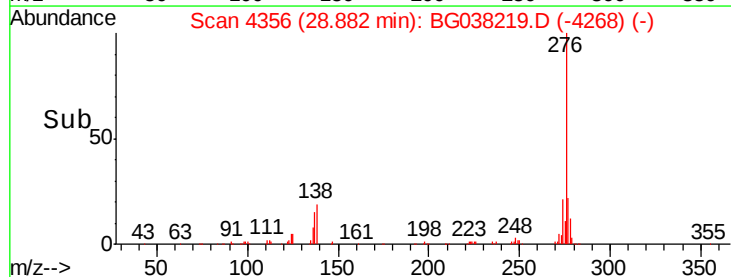
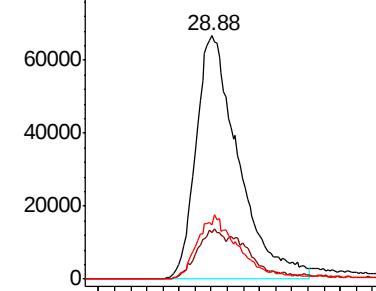


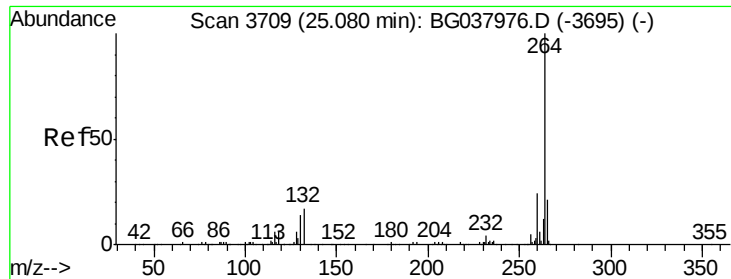
#86
Indeno(1,2,3-cd)pyrene
Concen: 36.941 ng
RT: 28.88 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.9	12.0	18.0
277	25.1	20.6	30.8



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

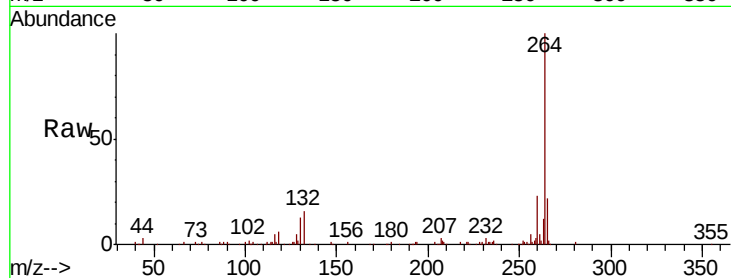




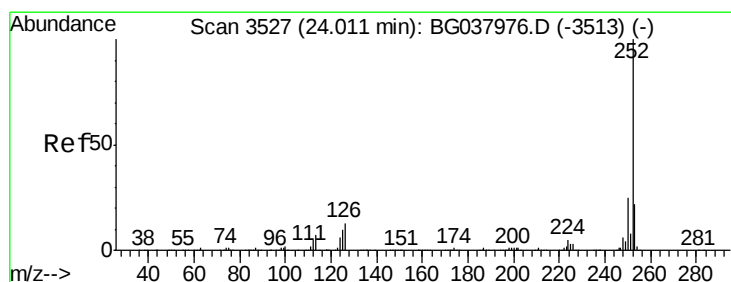
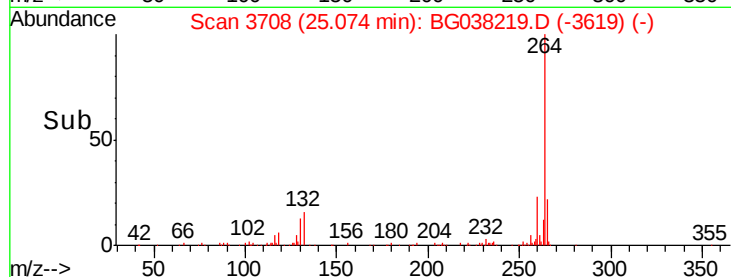
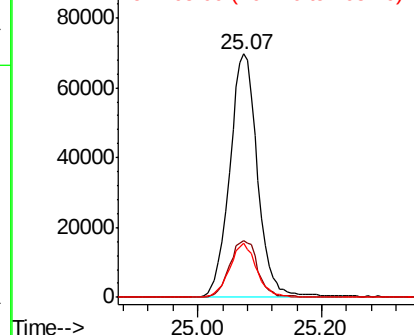
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB115103BSD

Tgt Ion:264 Resp: 218198
Ion Ratio Lower Upper
264 100
260 23.2 18.2 27.4
265 22.3 17.9 26.9

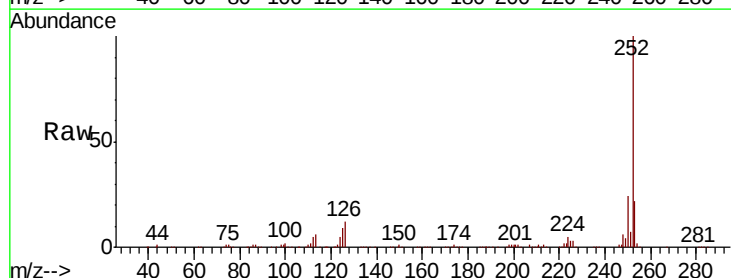


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

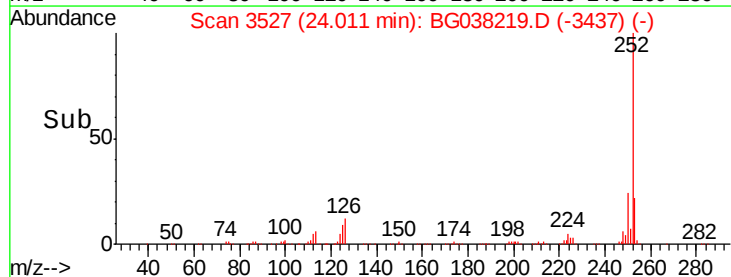
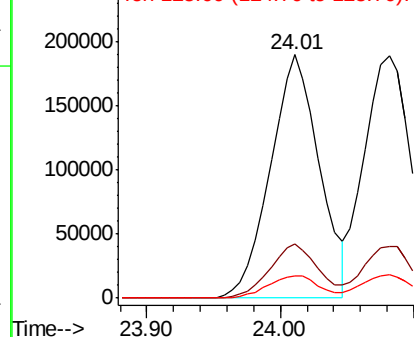


#88
Benzo(b)fluoranthene
Concen: 40.159 ng
RT: 24.01 min Scan# 3527
Delta R.T. -0.00 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion:252 Resp: 482207
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 9.1 7.8 11.6



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

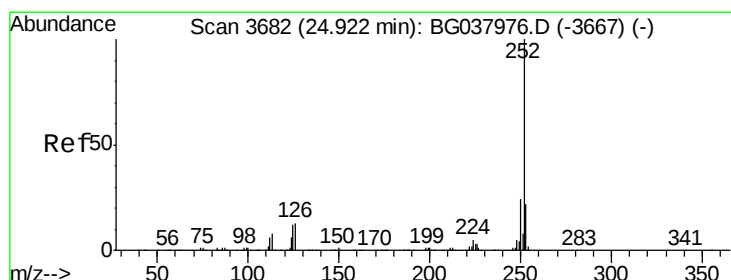
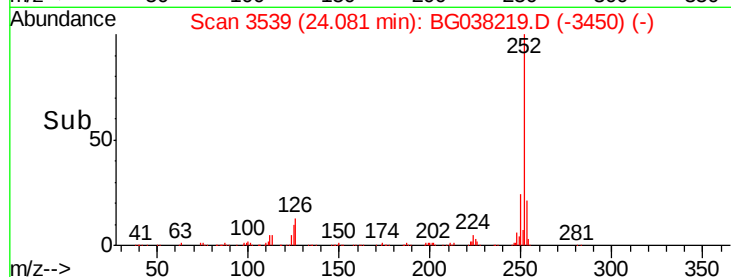
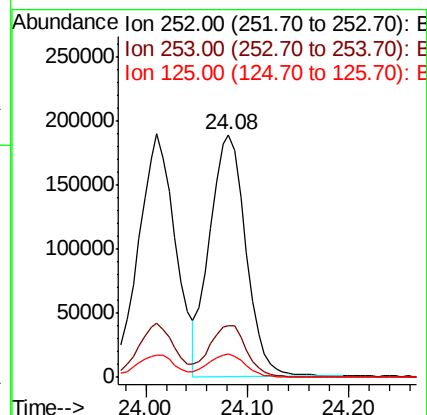
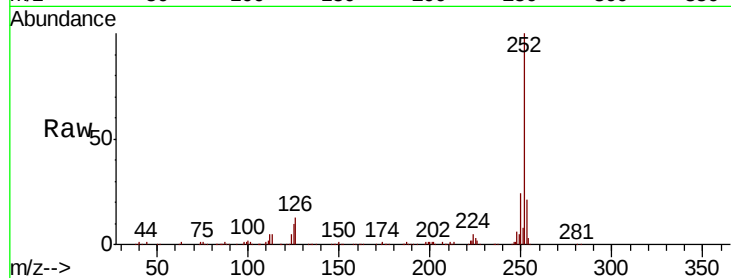




#89
Benzo(k)fluoranthene
Concen: 39.353 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

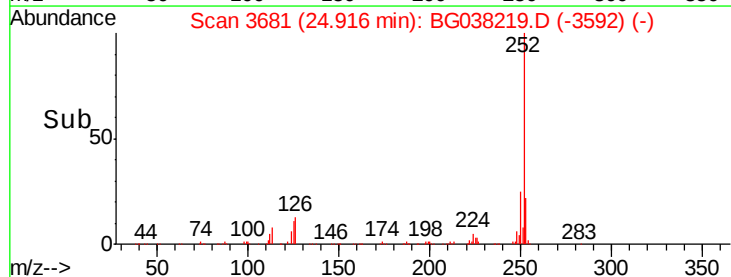
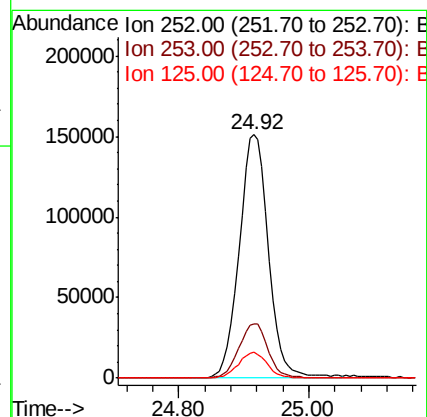
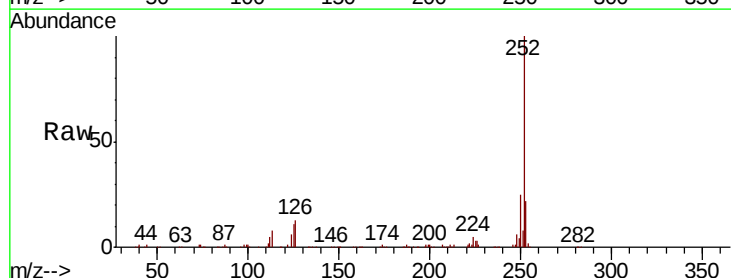
Instrument :
BNA_G
ClientSampleId :
PB115103BSD

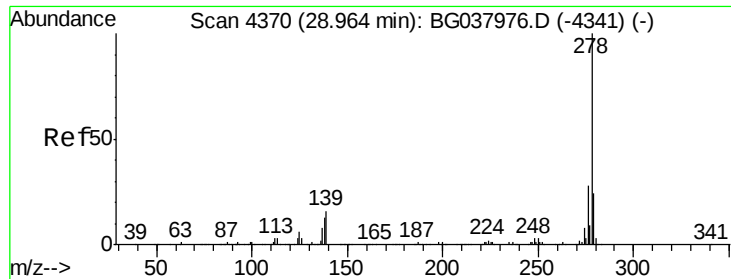
Tgt Ion: 252 Resp: 466276
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 9.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 40.983 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG038219.D
Acq: 29 Nov 2018 3:46

Tgt Ion: 252 Resp: 470295
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 10.5 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 34.432 ng

RT: 28.95 min Scan# 4367

Delta R.T. -0.02 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

Instrument :

BNA_G

ClientSampleId :

PB115103BSD

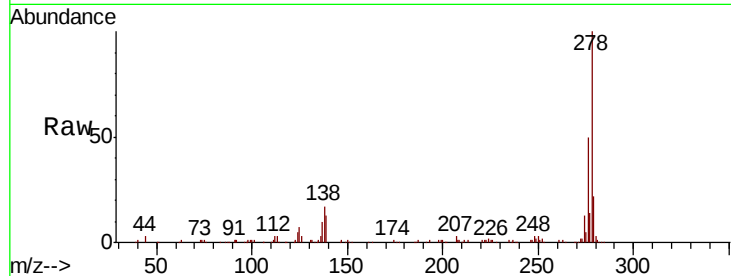
Tgt Ion:278 Resp: 380174

Ion Ratio Lower Upper

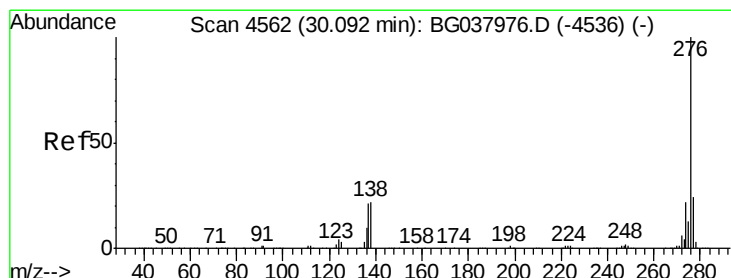
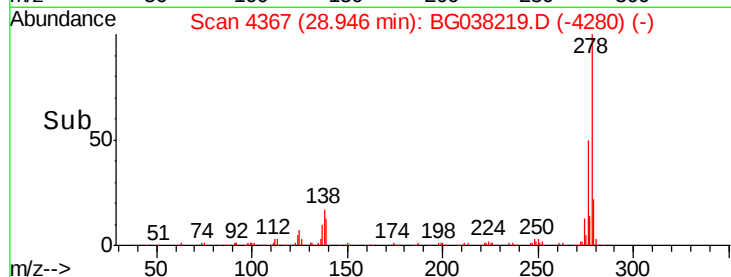
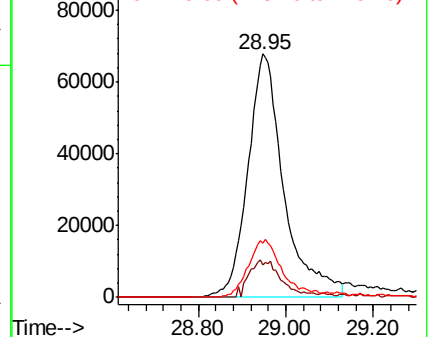
278 100

139 13.3 11.5 17.3

279 22.2 18.6 27.8



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



#92

Benzo(g,h,i)perylene

Concen: 35.933 ng

RT: 30.09 min Scan# 4561

Delta R.T. -0.01 min

Lab File: BG038219.D

Acq: 29 Nov 2018 3:46

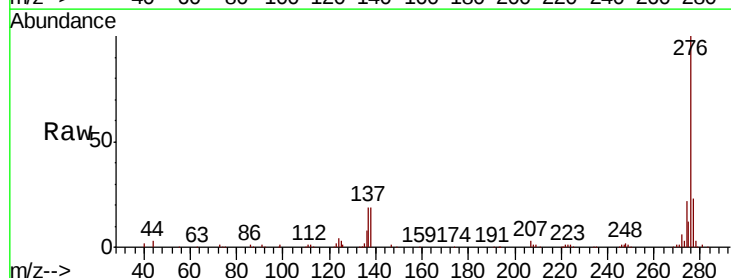
Tgt Ion:276 Resp: 394494

Ion Ratio Lower Upper

276 100

277 23.1 18.9 28.3

138 19.2 17.2 25.8



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

