

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011818\
 Data File : BG032146.D
 Acq On : 18 Jan 2018 21:24
 Operator : SJ/JU
 Sample : J1187-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(34-36)MS

Quant Time: Jan 19 11:11:45 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	41544	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	169941	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	121533	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	325715	20.00	ng	0.00
75) Chrysene-d12	22.45	240	409471	20.00	ng	0.00
86) Perylene-d12	26.15	264	441095	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	361821	159.29	ng	0.00
7) Phenol-d6	7.86	99	454505	158.87	ng	0.00
23) Nitrobenzene-d5	9.94	82	271354	108.03	ng	0.00
41) 2,4,6-Tribromophenol	16.86	330	335372	166.76	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	842949	86.00	ng	0.00
78) Terphenyl-d14	20.65	244	1539013	82.99	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.83	88	26938	30.869	ng	# 74
3) Pyridine	4.27	79	75578	32.446	ng	86
4) n-Nitrosodimethylamine	4.18	42	41838	51.125	ng	# 79
6) Aniline	8.03	93	94437	26.171	ng	94
8) 2-Chlorophenol	8.29	128	113852	44.792	ng	82
9) Benzaldehyde	7.84	77	70931	42.793	ng	88
10) Phenol	7.88	94	143859	51.048	ng	96
11) bis(2-Chloroethyl)ether	8.13	93	92690	41.055	ng	# 82
12) 1,3-Dichlorobenzene	8.63	146	125599	37.755	ng	96
13) 1,4-Dichlorobenzene	8.78	146	129077	38.536	ng	97
14) 1,2-Dichlorobenzene	9.11	146	123414	38.095	ng	95
15) Benzyl Alcohol	8.98	79	99583	47.917	ng	95
16) 2,2'-oxybis(1-Chloropropan	9.28	45	92445	40.290	ng	82
17) 2-Methylphenol	9.18	107	93754	43.532	ng	92
18) Hexachloroethane	9.87	117	42229	41.023	ng	# 79
19) n-Nitroso-di-n-propylamine	9.56	70	77504	43.664	ng	# 89
20) 3+4-Methylphenols	9.51	107	129179	43.297	ng	97
22) Acetophenone	9.58	105	165347	42.834	ng	# 89
24) Nitrobenzene	9.98	77	111479	44.492	ng	# 85
25) Isophorone	10.51	82	217461	46.493	ng	# 88
26) 2-Nitrophenol	10.71	139	69910	47.089	ng	# 84
27) 2,4-Dimethylphenol	10.75	122	114168	48.459	ng	97
28) bis(2-Chloroethoxy)methane	10.99	93	128996	45.775	ng	93
29) 2,4-Dichlorophenol	11.25	162	145024	50.027	ng	90
30) 1,2,4-Trichlorobenzene	11.48	180	156167	41.712	ng	96
31) Naphthalene	11.68	128	347434	41.270	ng	99
33) 4-Chloroaniline	11.77	127	102762	28.466	ng	# 92
34) Hexachlorobutadiene	11.95	225	110777	41.196	ng	95
35) Caprolactam	12.51	113	43047	48.947	ng	# 50
36) 4-Chloro-3-methylphenol	12.84	107	134392	50.648	ng	# 88
37) 2-Methylnaphthalene	13.24	142	290877	43.521	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	218331	41.213	ng	# 96
40) Hexachlorocyclopentadiene	13.57	237	269183	90.215	ng	92
42) 2,4,6-Trichlorophenol	13.82	196	136604	45.892	ng	99

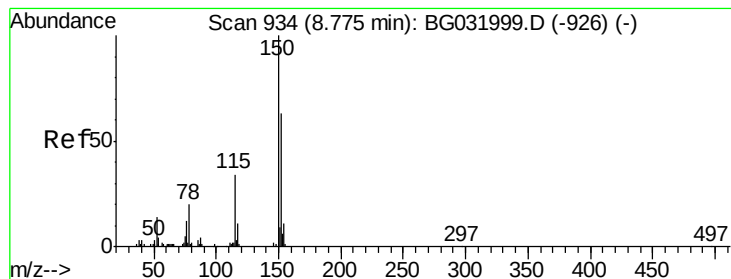
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011818\
 Data File : BG032146.D
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 EPE-106-4A(34-36)MS

Quant Time: Jan 19 11:11:45 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.90	196	151122	43.862	ng	# 92
45) 1,1'-Biphenyl	14.22	154	414099	39.746	ng	92
46) 2-Chloronaphthalene	14.27	162	324373	40.021	ng	96
47) 2-Nitroaniline	14.46	65	77753	50.111	ng	# 74
48) Acenaphthylene	15.11	152	483146	39.145	ng	99
49) Dimethylphthalate	14.81	163	575086	54.074	ng	# 99
50) 2,6-Dinitrotoluene	14.94	165	99551	45.097	ng	# 73
51) Acenaphthene	15.45	154	309644	37.940	ng	100
52) 3-Nitroaniline	15.27	138	69866	35.042	ng	# 76
53) 2,4-Dinitrophenol	15.47	184	11282	16.265	ng	# 38
54) Dibenzofuran	15.77	168	517468	42.504	ng	99
55) 4-Nitrophenol	15.55	139	146128	100.570	ng	# 79
56) 2,4-Dinitrotoluene	15.72	165	145449	48.940	ng	# 67
57) Fluorene	16.42	166	420808	42.144	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.99	232	163163	51.192	ng	# 84
59) Diethylphthalate	16.15	149	435524	42.242	ng	97
60) 4-Chlorophenyl-phenylether	16.39	204	264422	43.170	ng	94
61) 4-Nitroaniline	16.42	138	91960	48.082	ng	89
62) Azobenzene	16.69	77	280865	43.523	ng	88
64) 4,6-Dinitro-2-methylphenol	16.47	198	66746	33.642	ng	# 68
65) n-Nitrosodiphenylamine	16.60	169	395576	40.024	ng	98
66) 4-Bromophenyl-phenylether	17.29	248	191350	41.290	ng	94
67) Hexachlorobenzene	17.42	284	198901	38.793	ng	# 91
68) Atrazine	17.53	200	193520	46.558	ng	98
69) Pentachlorophenol	17.75	266	255473	77.954	ng	99
70) Phenanthrene	18.16	178	733501	40.448	ng	99
71) Anthracene	18.25	178	755759	41.784	ng	99
72) Carbazole	18.50	167	691449	44.068	ng	99
73) Di-n-butylphthalate	19.01	149	769934	41.527	ng	99
74) Fluoranthene	20.12	202	1006556	44.331	ng	95
76) Benzidine	20.28	184	493723	48.218	ng	99
77) Pyrene	20.48	202	1007647	39.146	ng	98
79) Butylbenzylphthalate	21.34	149	355324	38.527	ng	# 74
80) Benzo(a)anthracene	22.43	228	1072316	42.109	ng	99
81) 3,3'-Dichlorobenzidine	22.32	252	291708	30.665	ng	# 97
82) Chrysene	22.50	228	997968	40.807	ng	97
83) Bis(2-ethylhexyl)phthalate	22.27	149	508631	37.609	ng	# 99
84) Di-n-octyl phthalate	23.65	149	870578	40.531	ng	# 88
85) Indeno(1,2,3-cd)pyrene	30.45	276	1326589	44.325	ng	# 87
87) Benzo(b)fluoranthene	24.97	252	1107959	41.556	ng	# 96
88) Benzo(k)fluoranthene	25.05	252	1115991	42.836	ng	# 97
89) Benzo(a)pyrene	25.98	252	1104493	43.792	ng	# 96
90) Dibenzo(a,h)anthracene	30.52	278	1107027	45.549	ng	# 96
91) Benzo(g,h,i)perylene	31.80	276	1103329	44.416	ng	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.74 min Scan# 928

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

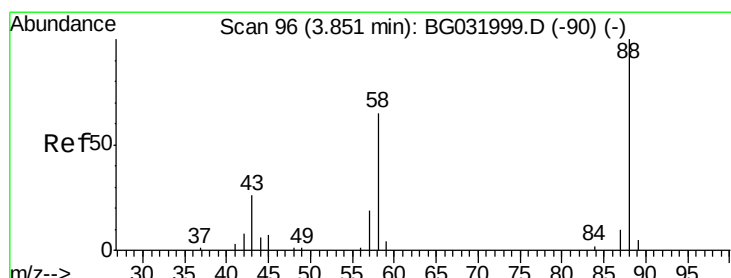
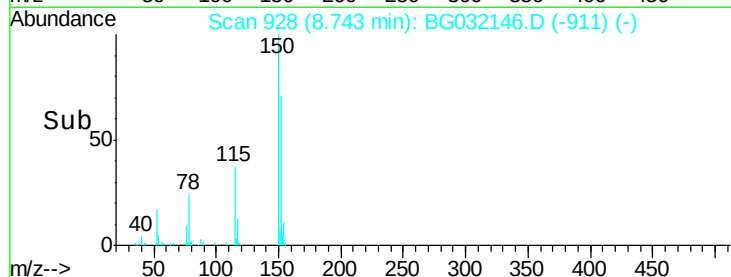
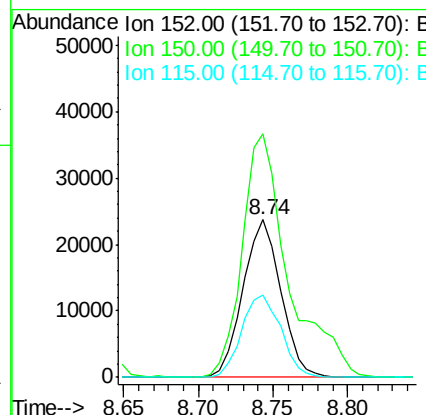
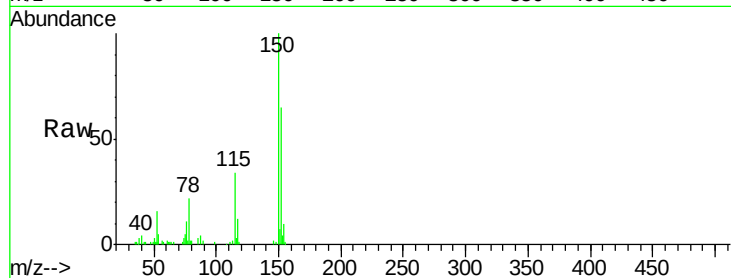
BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

Tgt Ion:152 Resp: 41544

Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.6	189.8
115	52.7	53.0	79.4#



#2

1,4-Dioxane

Concen: 30.869 ng

RT: 3.83 min Scan# 91

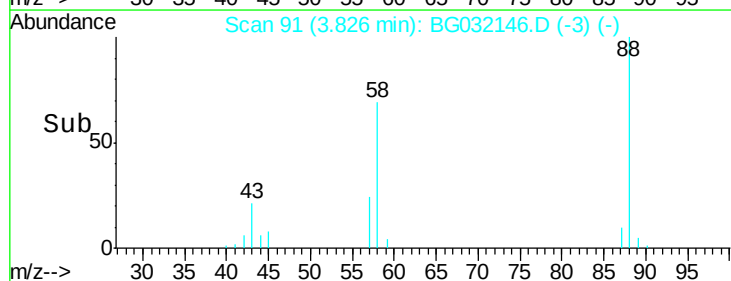
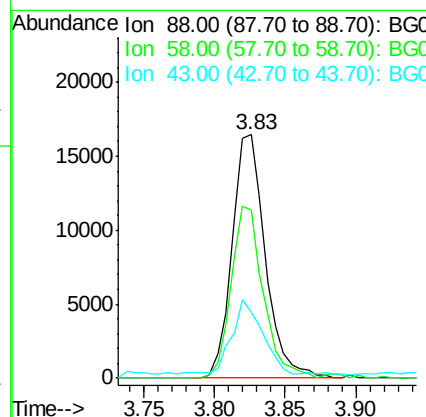
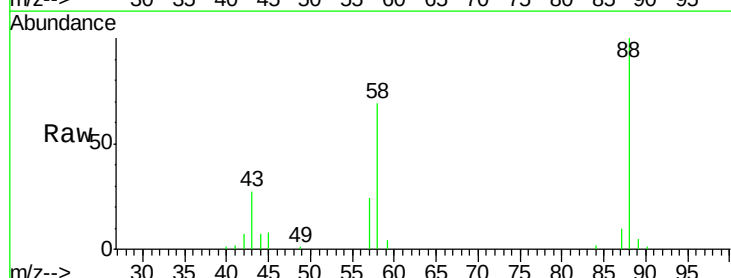
Delta R.T. -0.01 min

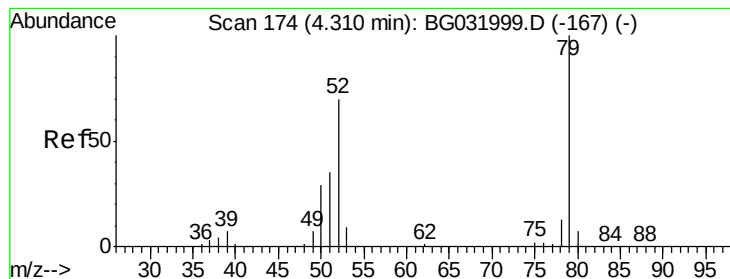
Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Tgt Ion: 88 Resp: 26938

Ion	Ratio	Lower	Upper
88	100		
58	67.9	79.6	119.4#
43	28.7	27.4	41.0





#3

Pyridine

Concen: 32.446 ng

RT: 4.27 min Scan# 167

Delta R.T. -0.02 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

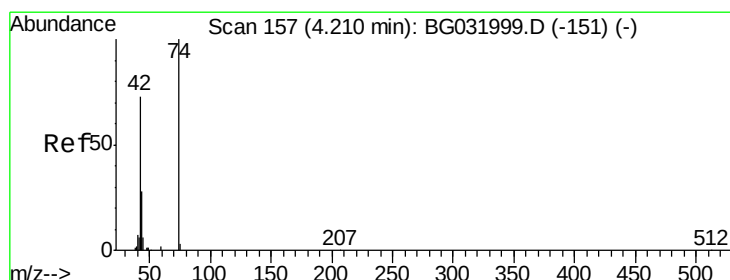
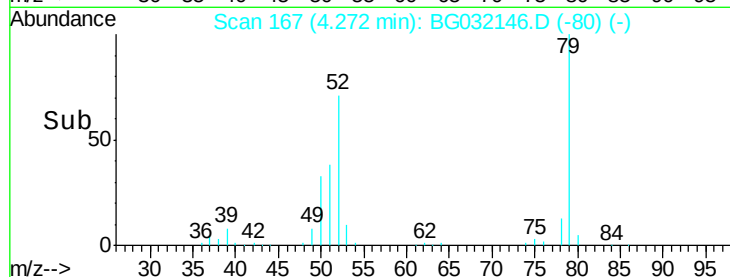
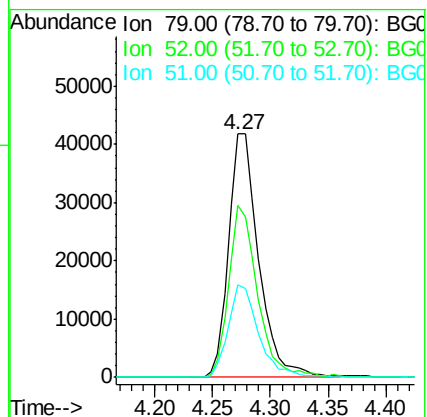
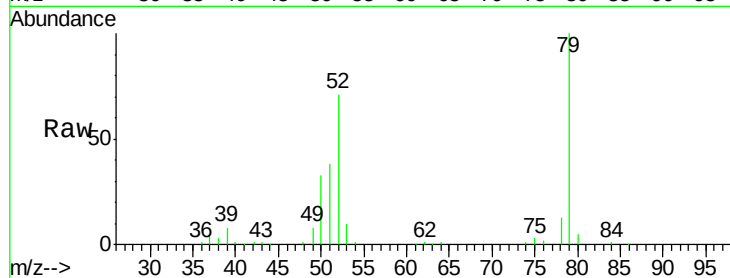
Tgt Ion: 79 Resp: 75578

Ion Ratio Lower Upper

79 100

52 70.9 69.9 104.9

51 38.0 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 51.125 ng

RT: 4.18 min Scan# 151

Delta R.T. -0.02 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

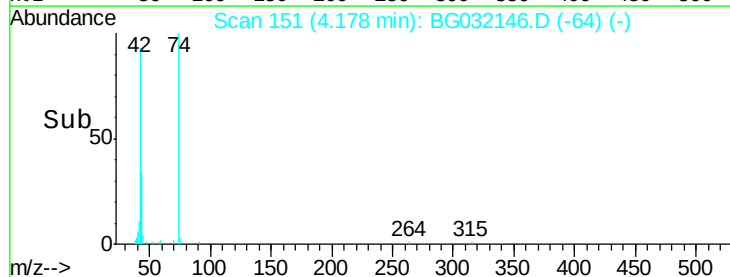
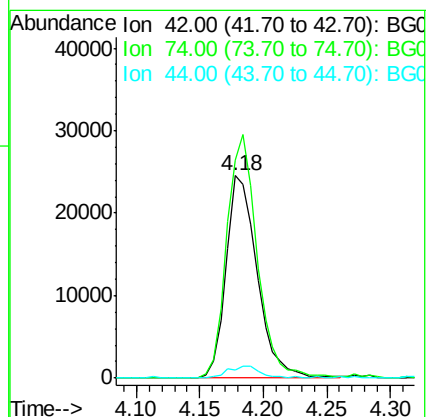
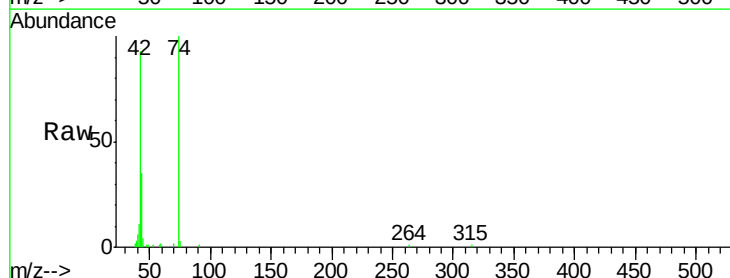
Tgt Ion: 42 Resp: 41838

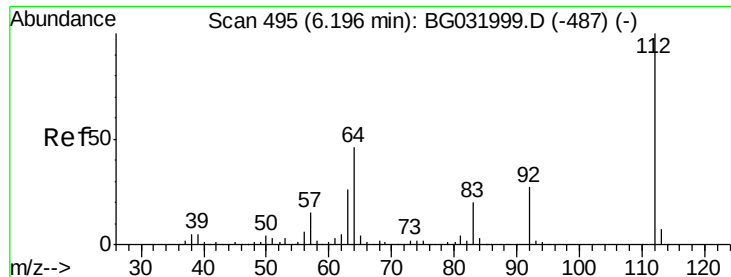
Ion Ratio Lower Upper

42 100

74 108.0 102.5 153.7

44 4.0 18.9 28.3#





#5

2-Fluorophenol

Concen: 159.288 ng

RT: 6.17 min Scan# 490

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

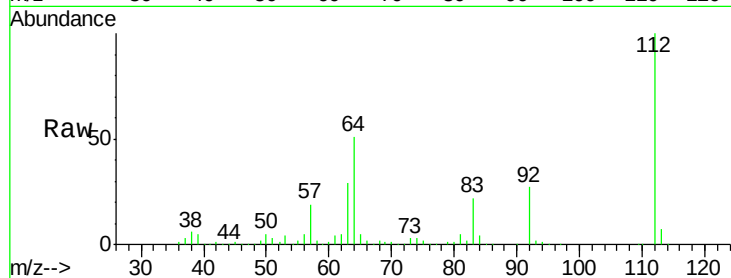
Tgt Ion: 112 Resp: 361821

Ion Ratio Lower Upper

112 100

64 51.3 56.3 84.5#

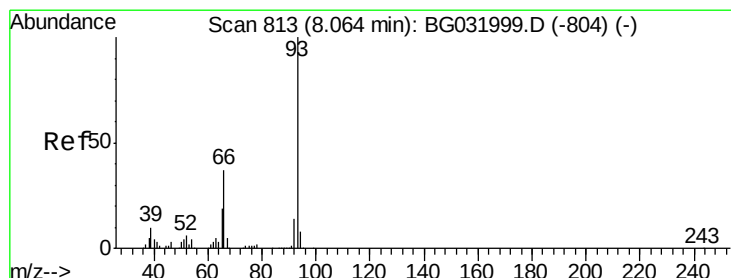
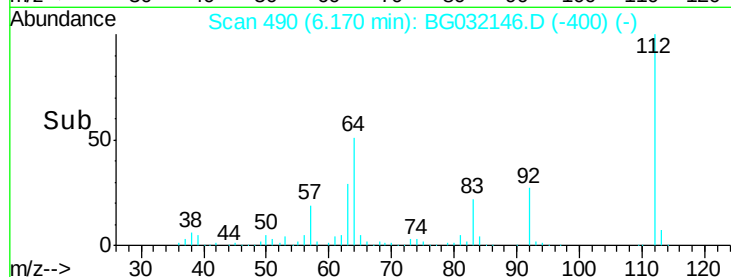
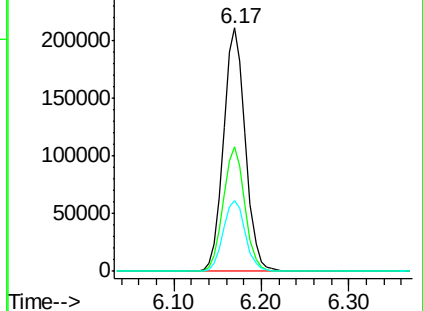
63 29.2 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.171 ng

RT: 8.03 min Scan# 807

Delta R.T. -0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

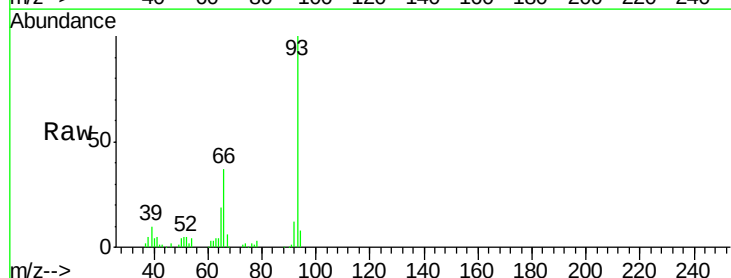
Tgt Ion: 93 Resp: 94437

Ion Ratio Lower Upper

93 100

66 36.7 33.7 50.5

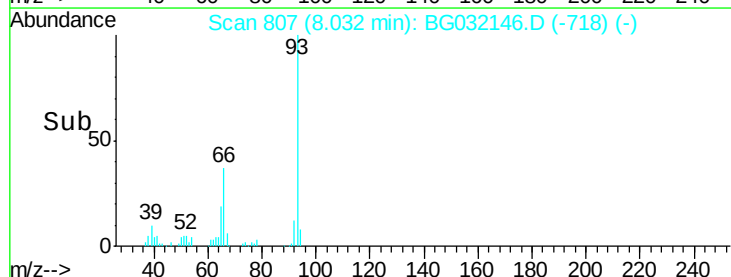
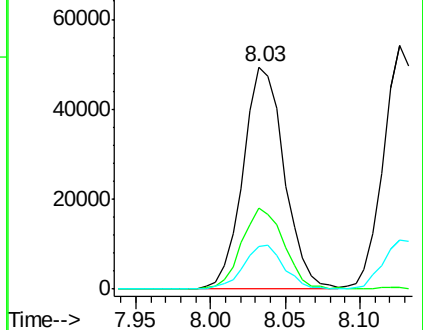
65 19.5 16.1 24.1

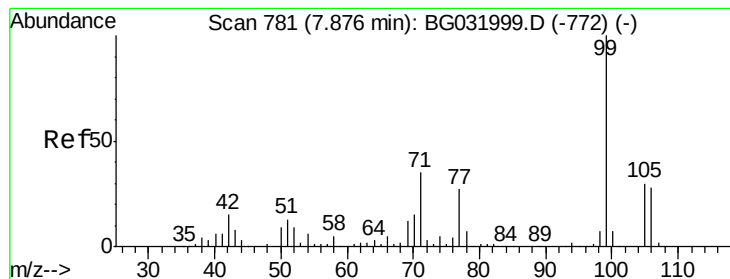


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 158.874 ng

RT: 7.86 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

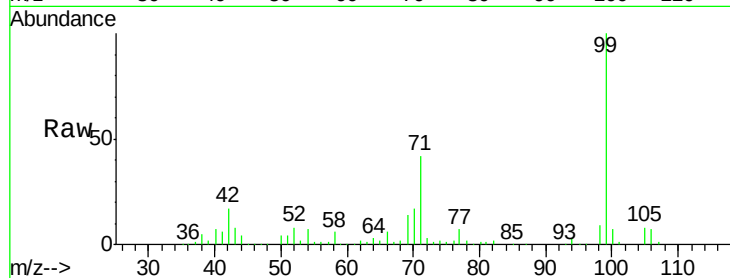
Tgt Ion: 99 Resp: 454505

Ion Ratio Lower Upper

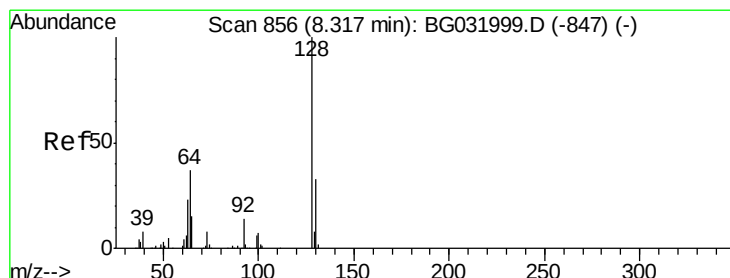
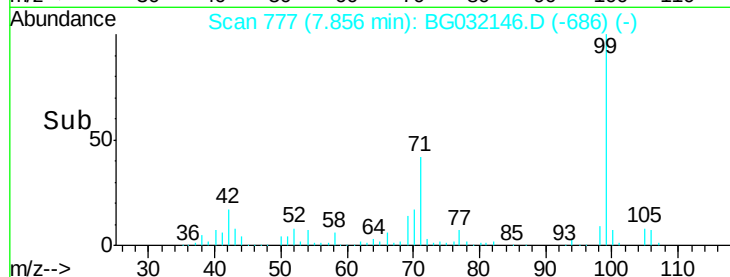
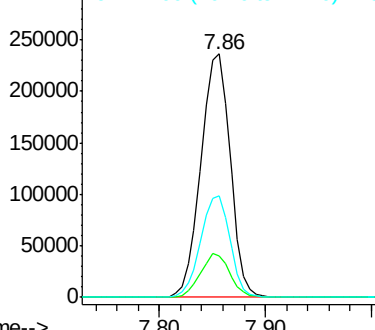
99 100

42 17.0 14.1 21.1

71 41.7 26.1 39.1#



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: 44.792 ng

RT: 8.29 min Scan# 851

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

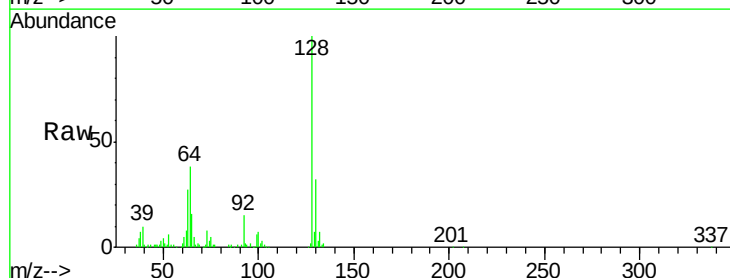
Tgt Ion: 128 Resp: 113852

Ion Ratio Lower Upper

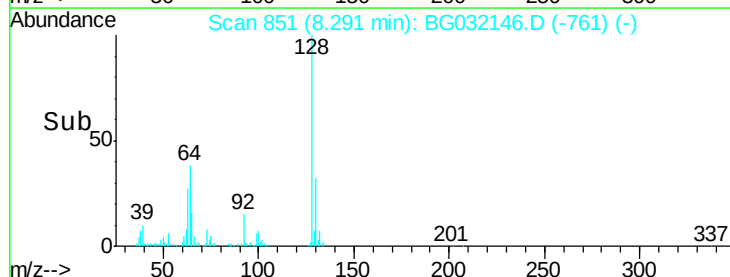
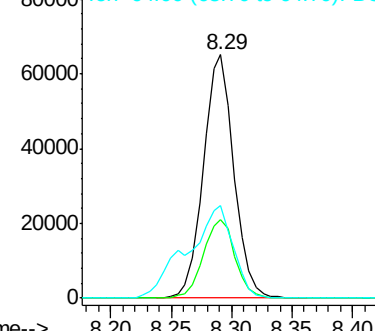
128 100

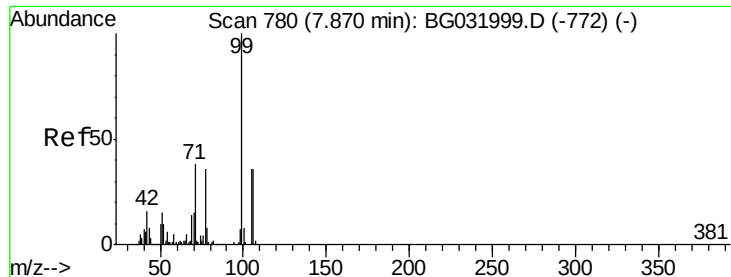
130 32.0 14.0 54.0

64 37.8 37.7 77.7



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: 42.793 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

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EPE-106-4A(34-36)MS

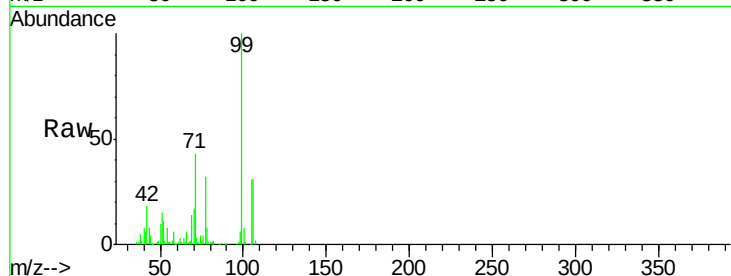
Tgt Ion: 77 Resp: 70931

Ion Ratio Lower Upper

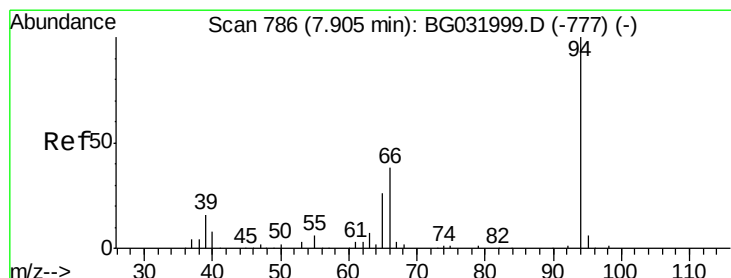
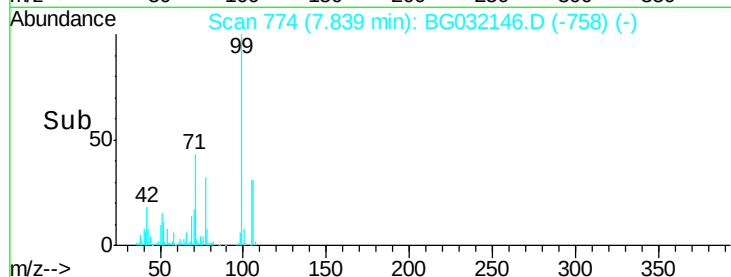
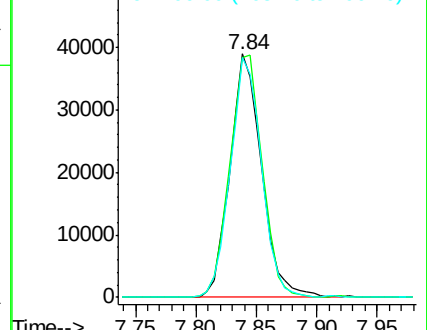
77 100

105 98.6 71.3 111.3

106 98.6 64.2 104.2



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: 51.048 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

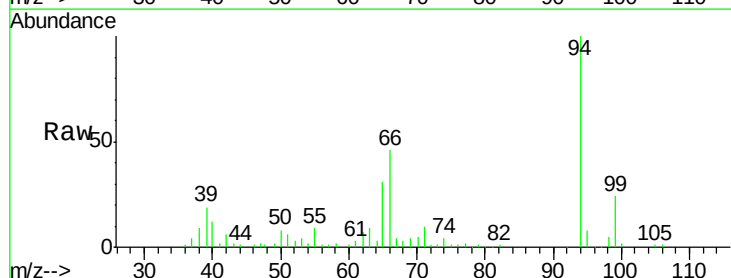
Tgt Ion: 94 Resp: 143859

Ion Ratio Lower Upper

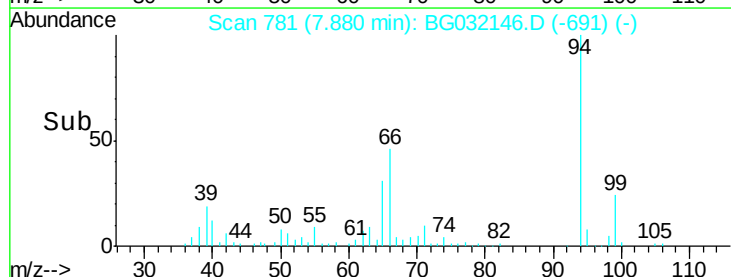
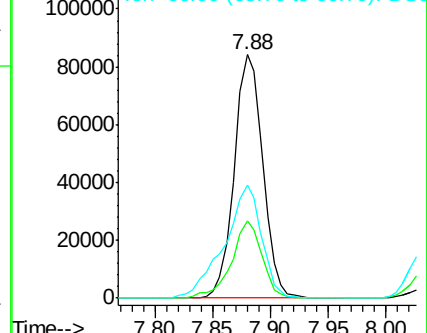
94 100

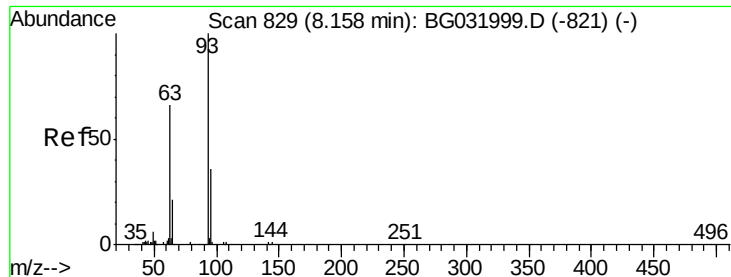
65 31.5 11.9 51.9

66 46.3 22.2 62.2



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: 41.055 ng

RT: 8.13 min Scan# 823

Delta R.T. -0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

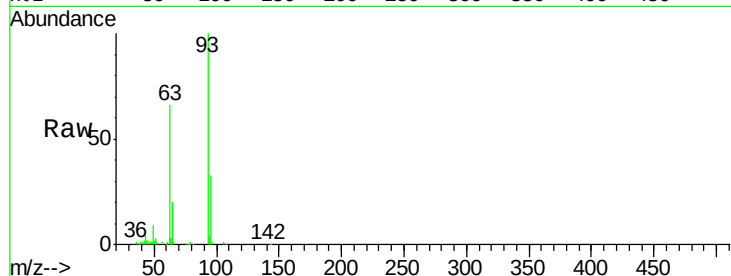
Tgt Ion: 93 Resp: 92690

Ion Ratio Lower Upper

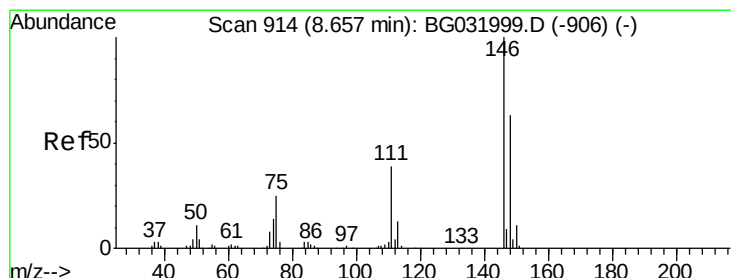
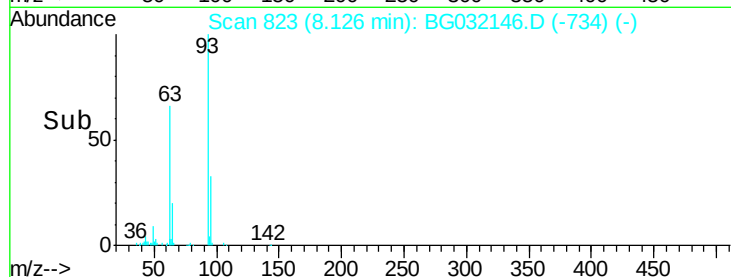
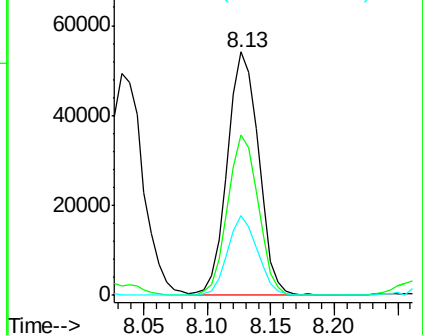
93 100

63 65.6 67.1 107.1#

95 32.5 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 37.755 ng

RT: 8.63 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

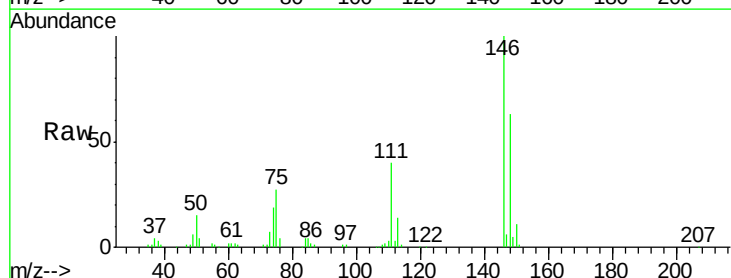
Tgt Ion: 146 Resp: 125599

Ion Ratio Lower Upper

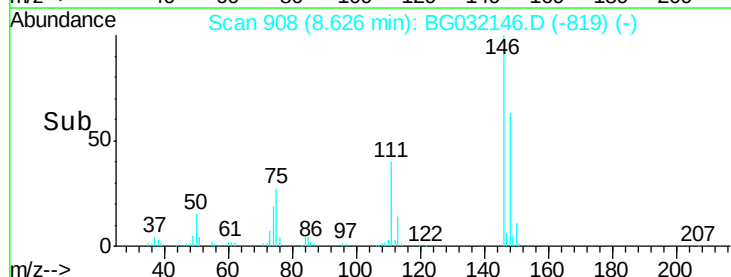
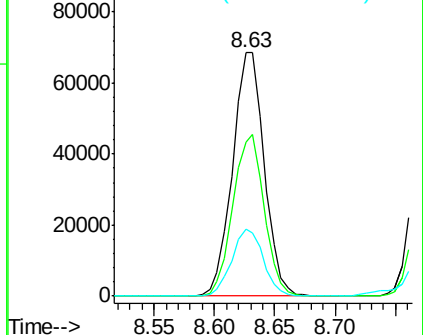
146 100

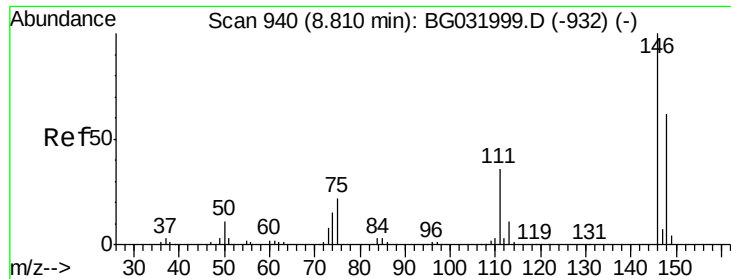
148 63.3 51.4 77.2

75 27.4 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

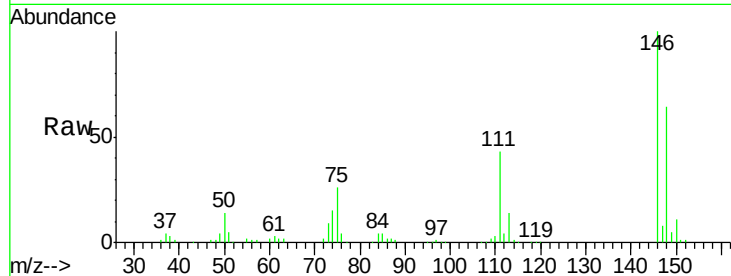




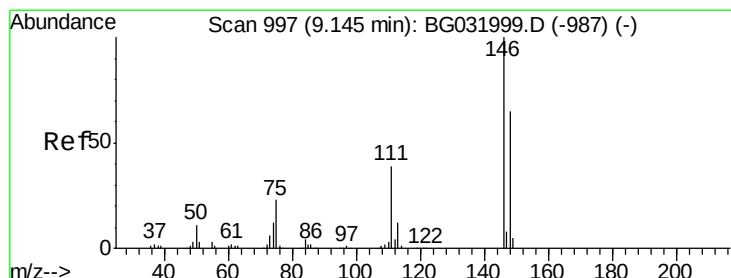
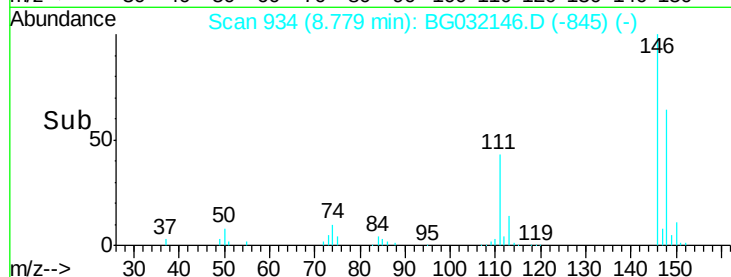
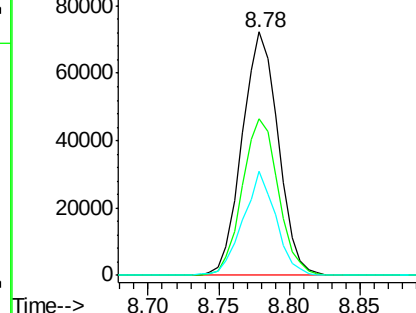
#13
 1,4-Dichlorobenzene
 Concen: 38.536 ng
 RT: 8.78 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BG032146.D
 Acq: 18 Jan 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(34-36)MS

Tgt Ion:146 Resp: 129077
 Ion Ratio Lower Upper
 146 100
 148 64.1 53.7 80.5
 111 42.5 35.2 52.8

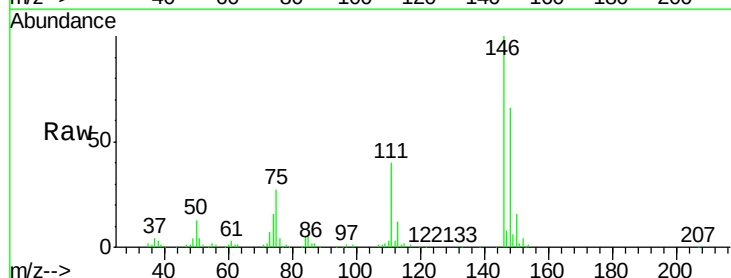


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

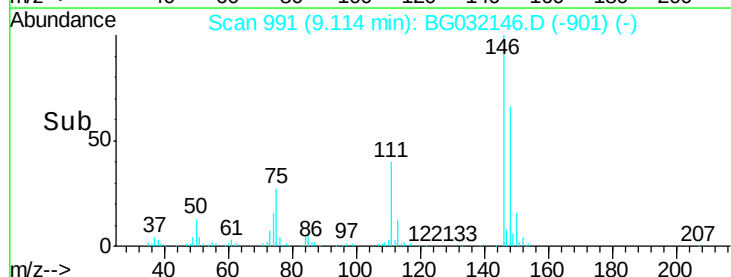
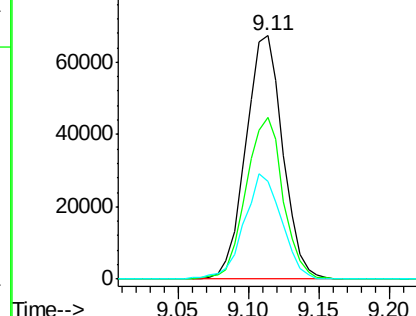


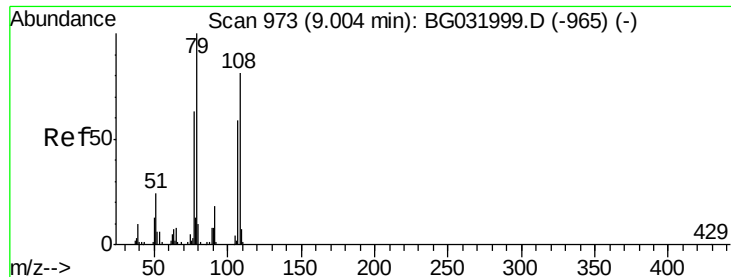
#14
 1,2-Dichlorobenzene
 Concen: 38.095 ng
 RT: 9.11 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BG032146.D
 Acq: 18 Jan 2018 21:24

Tgt Ion:146 Resp: 123414
 Ion Ratio Lower Upper
 146 100
 148 66.2 49.3 73.9
 111 40.1 34.3 51.5



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

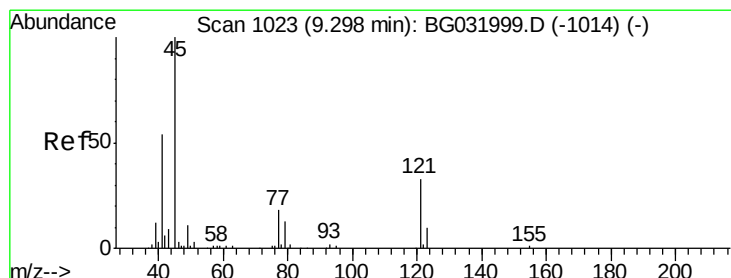
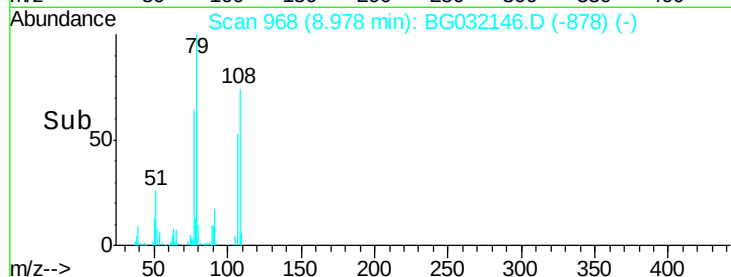
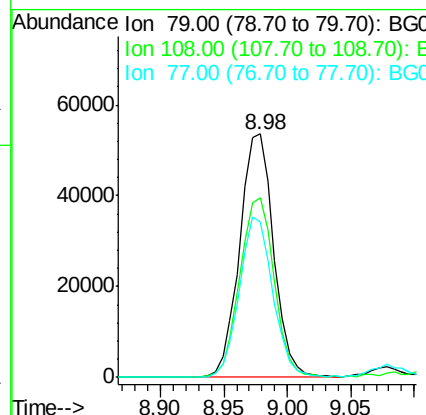
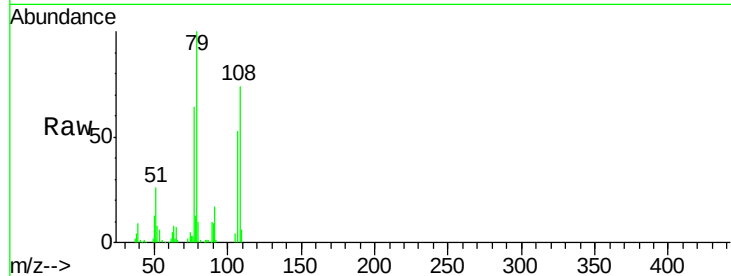




#15
Benzyl Alcohol
Concen: 47.917 ng
RT: 8.98 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

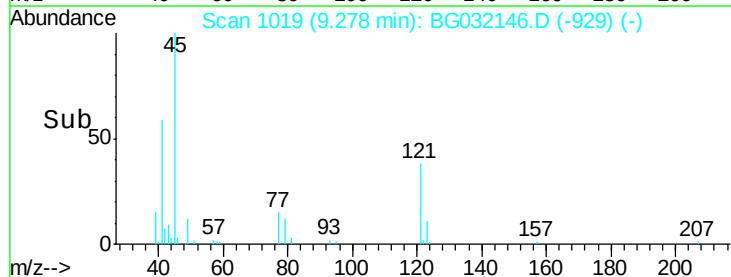
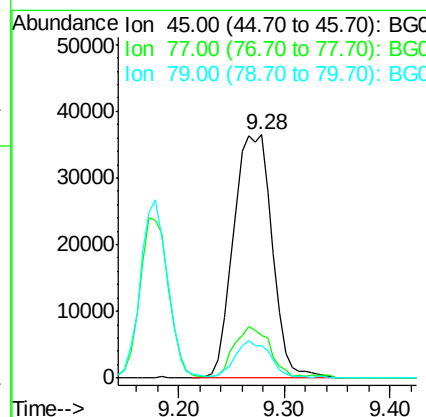
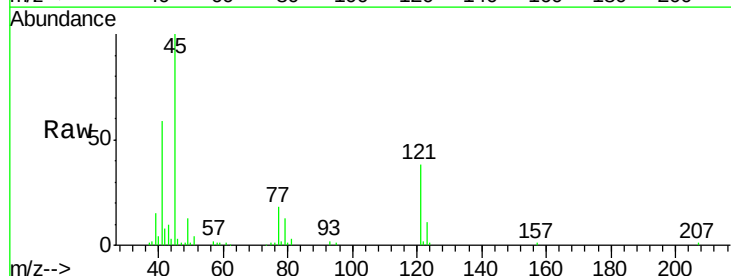
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MS

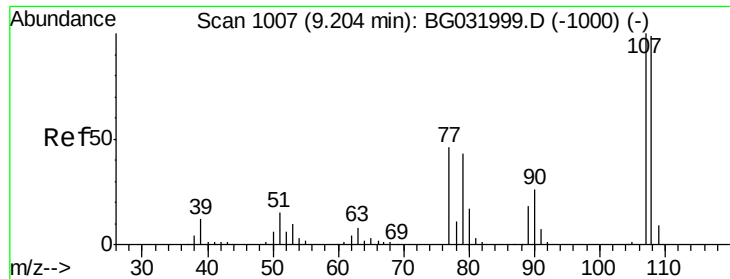
Tgt Ion: 79 Resp: 99583
Ion Ratio Lower Upper
79 100
108 73.7 57.2 85.8
77 63.8 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.290 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

Tgt Ion: 45 Resp: 92445
Ion Ratio Lower Upper
45 100
77 17.5 0.0 30.2
79 13.4 0.0 27.9

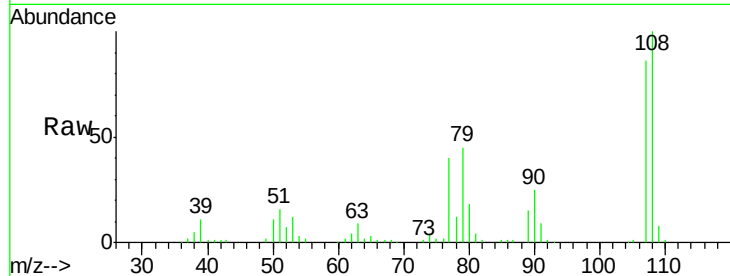




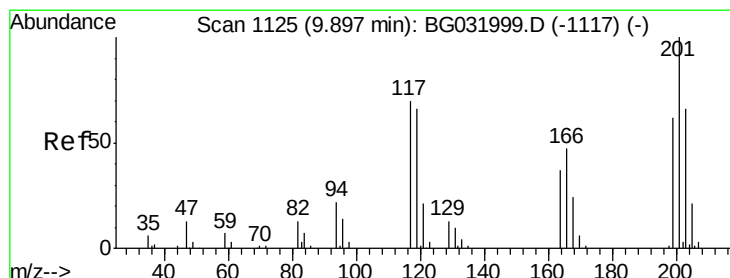
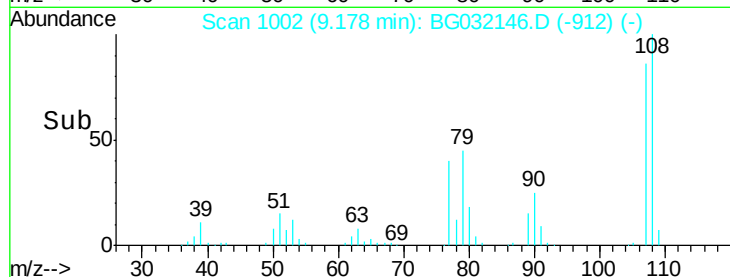
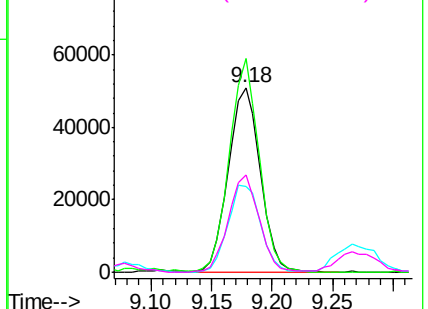
#17
2-Methylphenol
Concen: 43.532 ng
RT: 9.18 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MS

Tgt Ion:	107	Resp:	93754
Ion	Ratio	Lower	Upper
107	100		
108	115.9	83.9	125.9
77	46.4	37.2	55.8
79	52.6	36.2	54.2

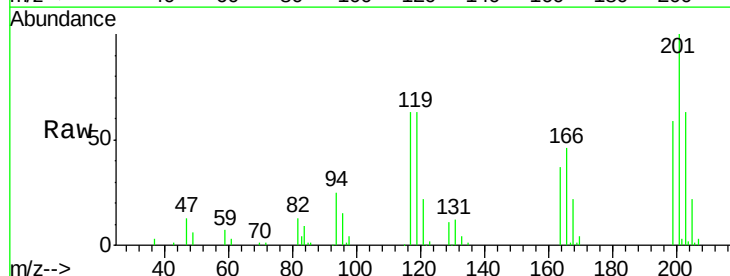


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

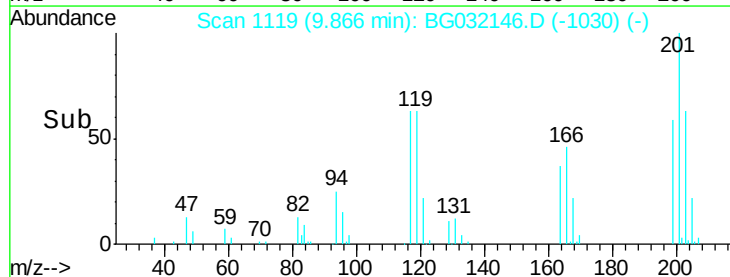
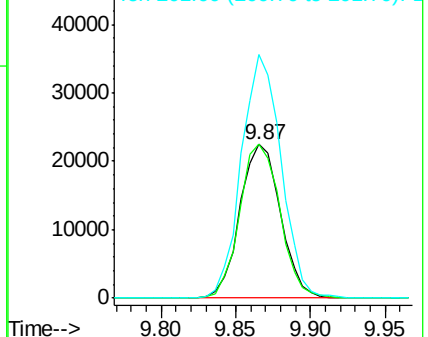


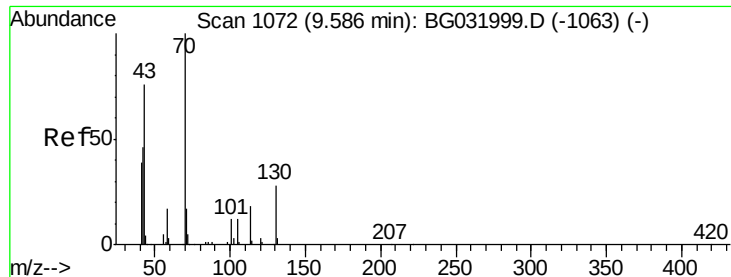
#18
Hexachloroethane
Concen: 41.023 ng
RT: 9.87 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

Tgt Ion:	117	Resp:	42229
Ion	Ratio	Lower	Upper
117	100		
119	100.0	76.7	115.1
201	158.6	95.7	143.5#



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

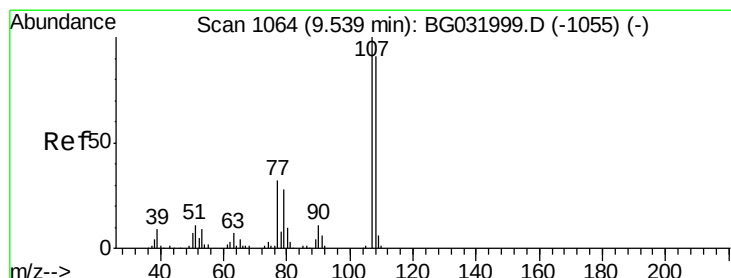
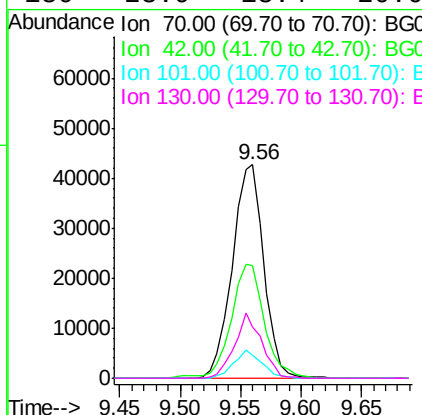
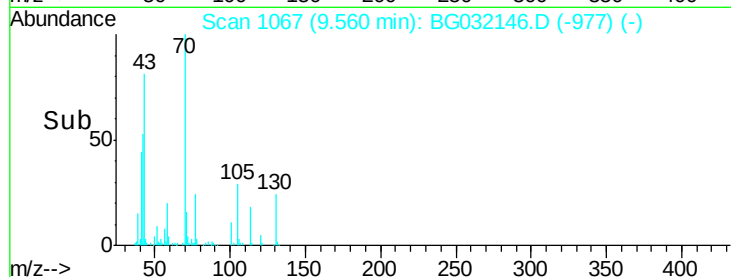
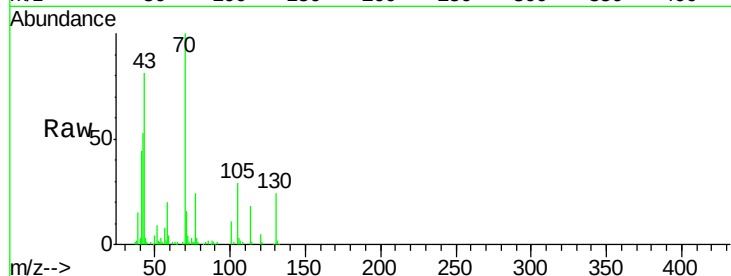




#19
n-Nitroso-di-n-propylamine
Concen: 43.664 ng
RT: 9.56 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

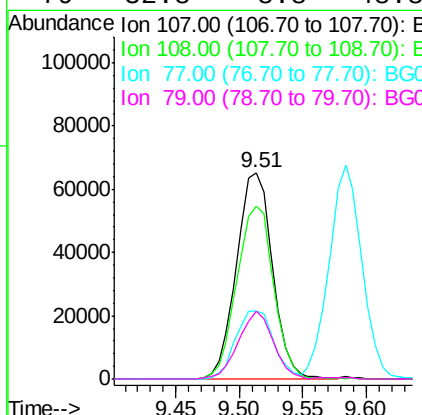
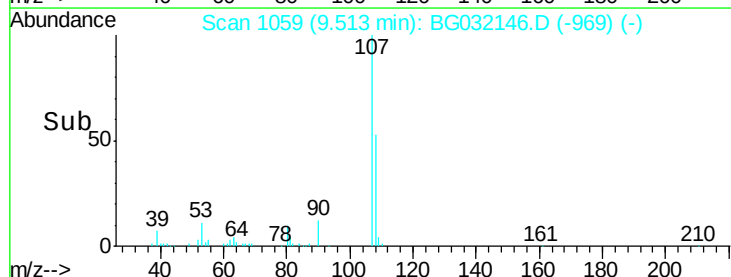
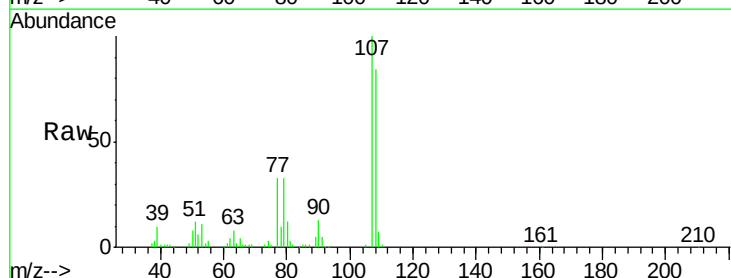
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MS

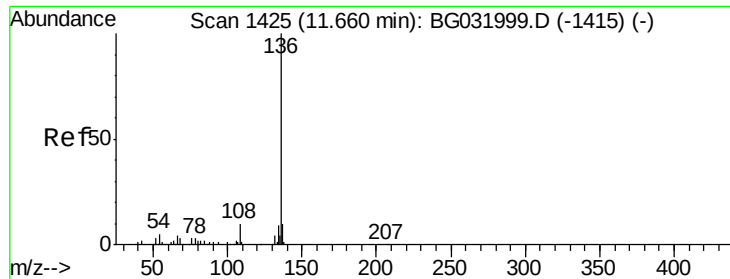
Tgt Ion: 70 Resp: 77504
Ion Ratio Lower Upper
70 100
42 52.7 49.1 73.7
101 11.0 8.5 12.7
130 23.9 13.4 20.0#



#20
3+4-Methylphenols
Concen: 43.297 ng
RT: 9.51 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

Tgt Ion: 107 Resp: 129179
Ion Ratio Lower Upper
107 100
108 83.8 61.6 101.6
77 33.2 13.9 53.9
79 32.8 8.8 48.8

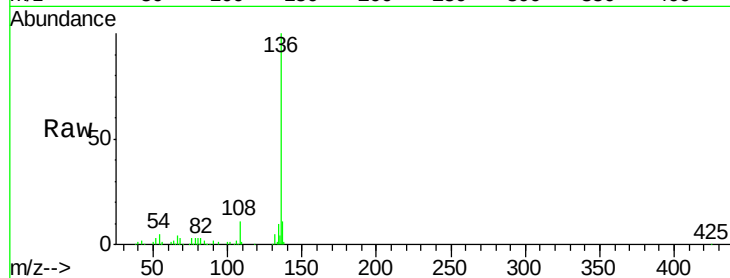




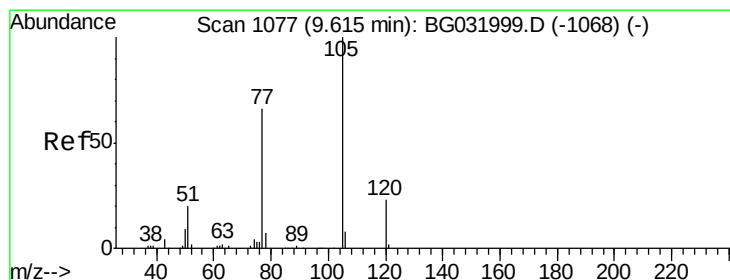
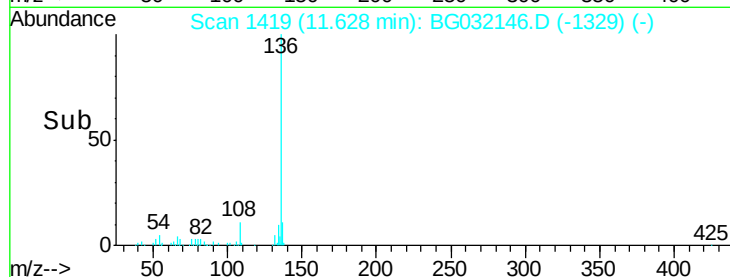
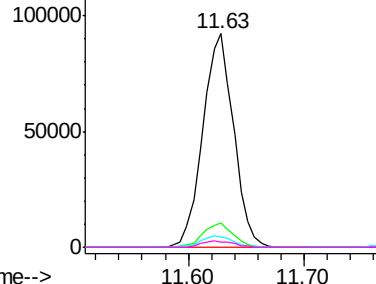
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MS

Tgt Ion:	136	Resp:	169941
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	4.7	10.3	15.5#
68	2.5	4.5	6.7#

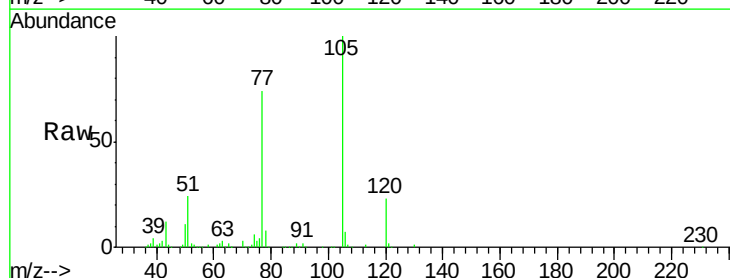


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

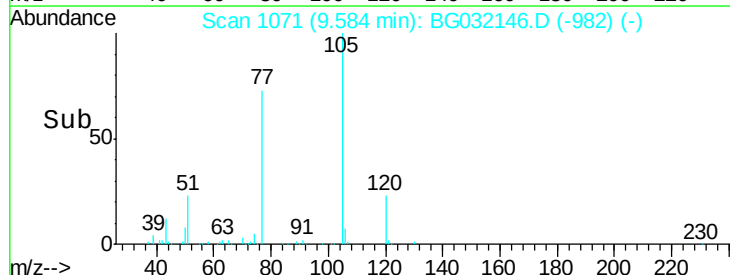
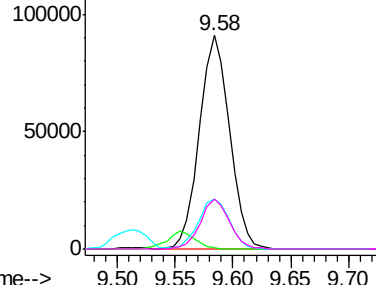


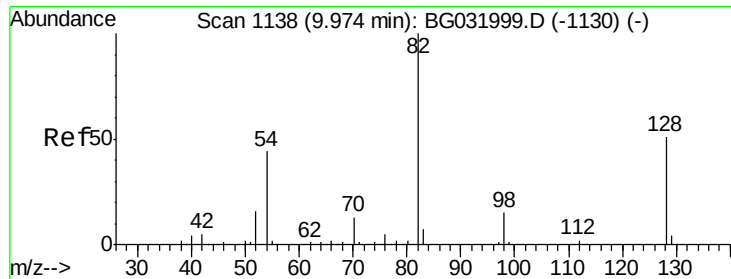
#22
Acetophenone
Concen: 42.834 ng
RT: 9.58 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

Tgt Ion:	105	Resp:	165347
Ion	Ratio	Lower	Upper
105	100		
71	0.4	3.0	4.4#
51	23.6	26.1	39.1#
120	23.4	17.4	26.2



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

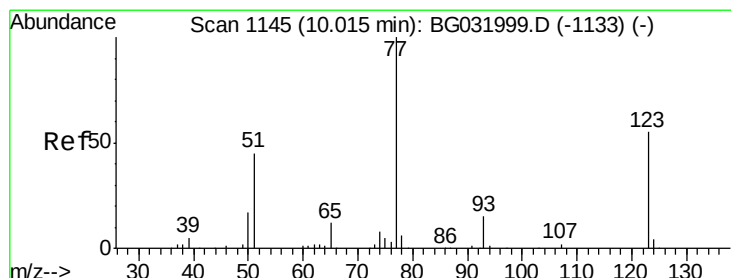
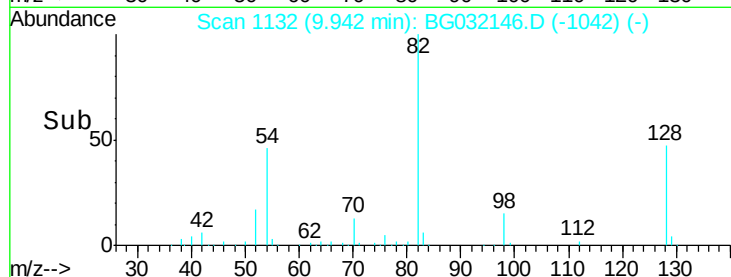
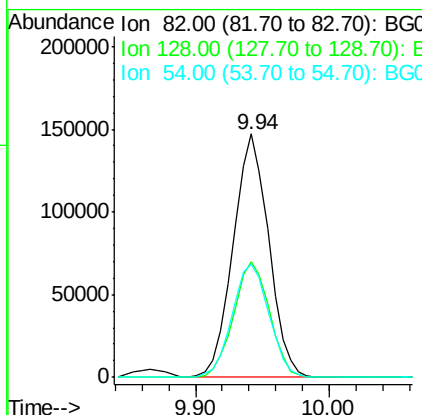
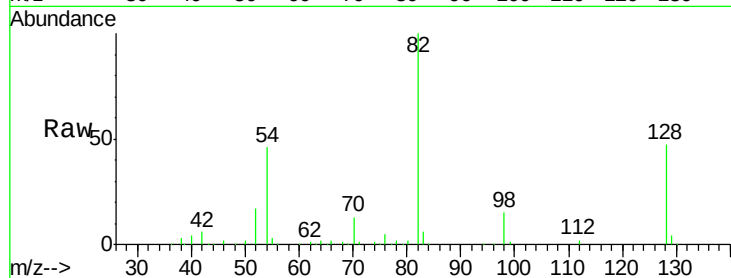




#23
 Nitrobenzene-d5
 Concen: 108.027 ng
 RT: 9.94 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BG032146.D
 Acq: 18 Jan 2018 21:24

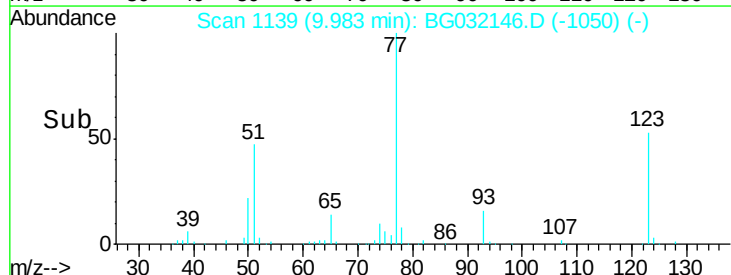
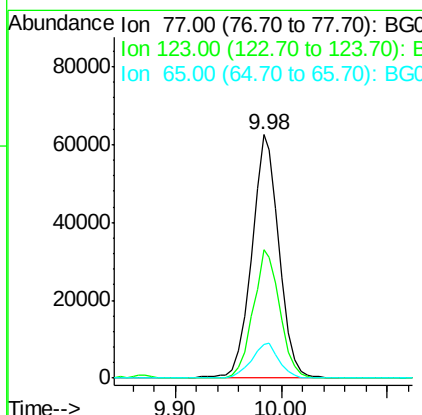
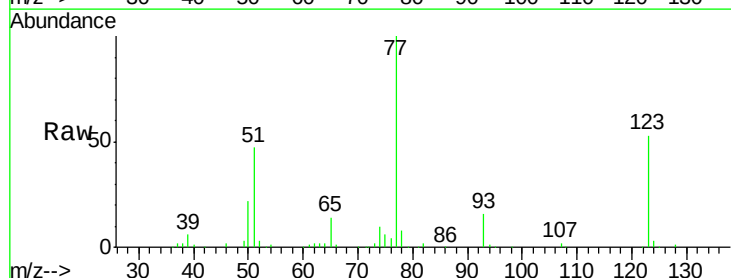
Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(34-36)MS

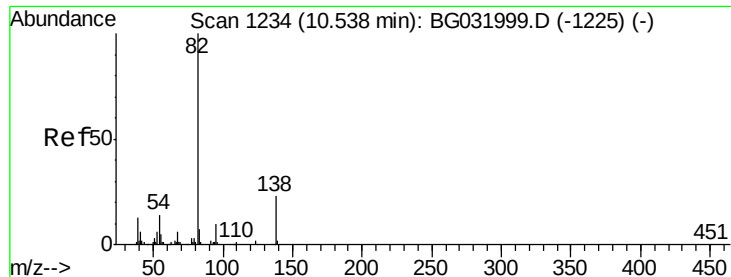
Tgt Ion: 82 Resp: 271354
 Ion Ratio Lower Upper
 82 100
 128 47.3 29.7 44.5#
 54 46.2 43.1 64.7



#24
 Nitrobenzene
 Concen: 44.492 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BG032146.D
 Acq: 18 Jan 2018 21:24

Tgt Ion: 77 Resp: 111479
 Ion Ratio Lower Upper
 77 100
 123 52.5 33.0 49.6#
 65 13.8 13.0 19.6





#25

Isophorone

Concen: 46.493 ng

RT: 10.51 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

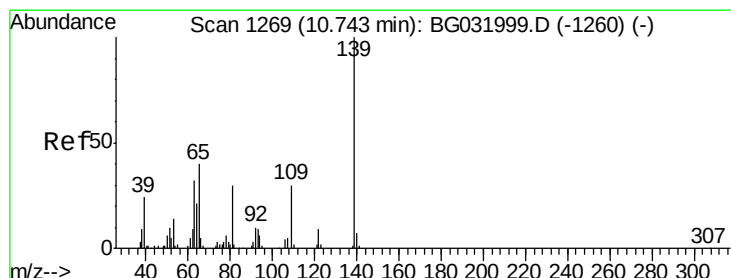
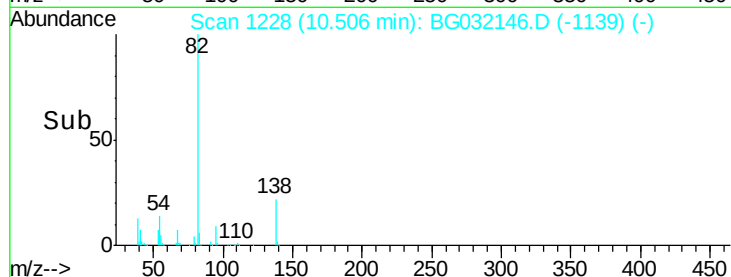
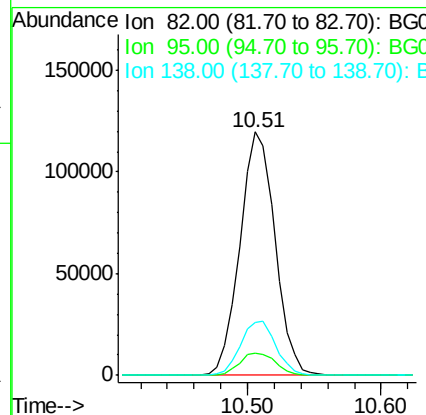
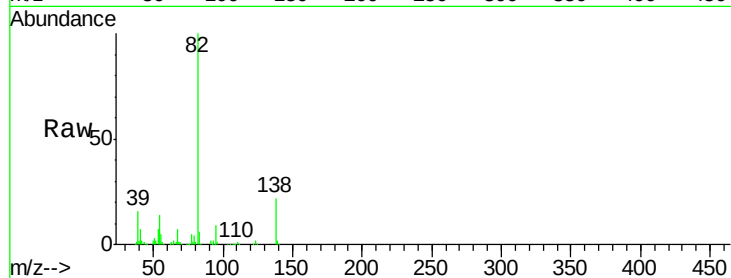
Tgt Ion: 82 Resp: 217461

Ion Ratio Lower Upper

82 100

95 9.2 6.2 9.2

138 21.9 12.1 18.1#



#26

2-Nitrophenol

Concen: 47.089 ng

RT: 10.71 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

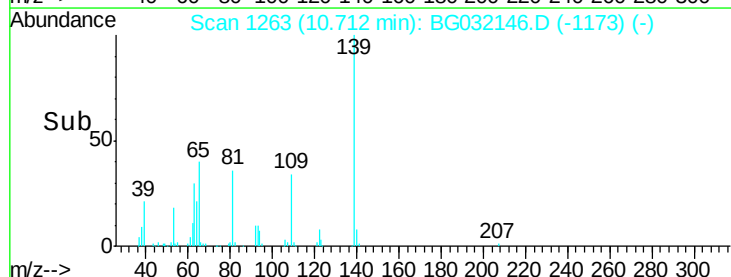
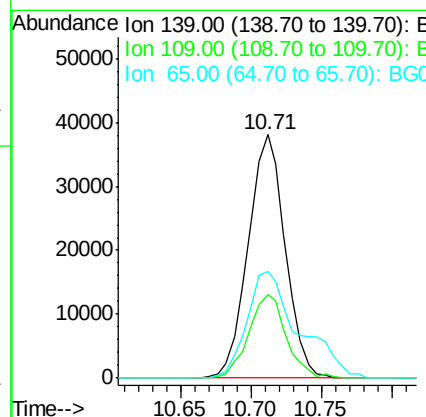
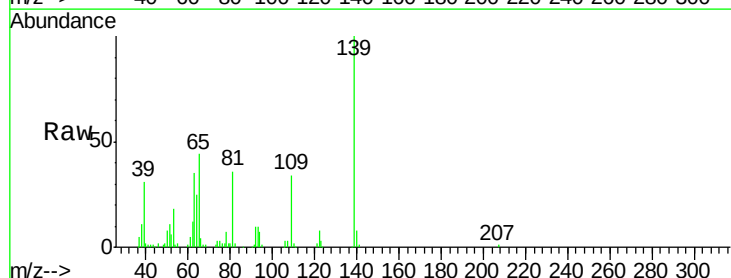
Tgt Ion: 139 Resp: 69910

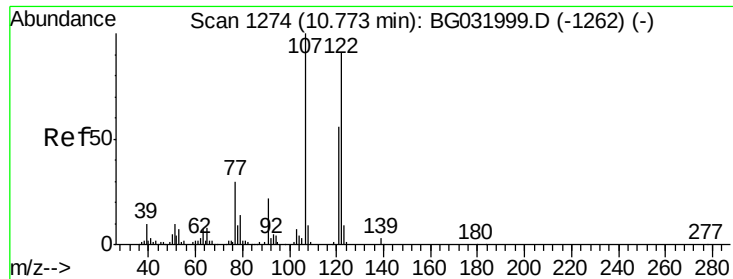
Ion Ratio Lower Upper

139 100

109 34.2 24.2 36.2

65 44.1 47.4 71.0#

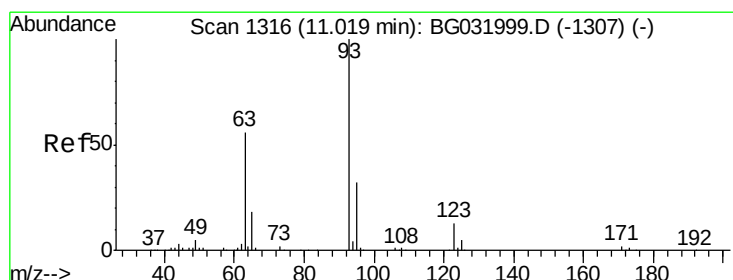
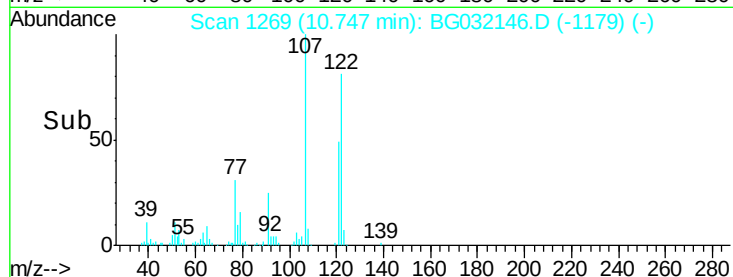
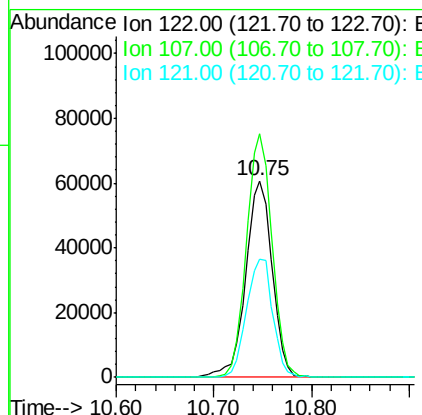
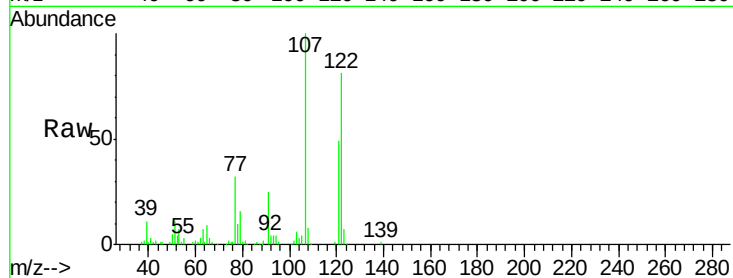




#27
2,4-Dimethylphenol
Concen: 48.459 ng
RT: 10.75 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

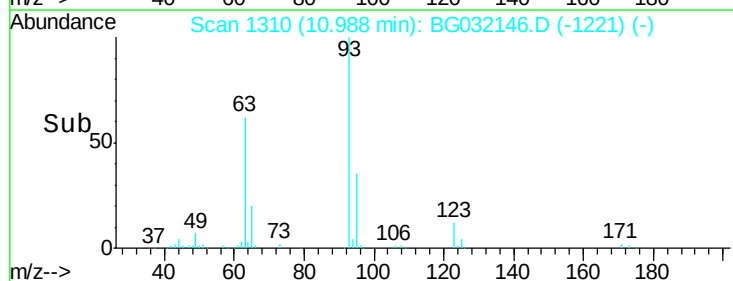
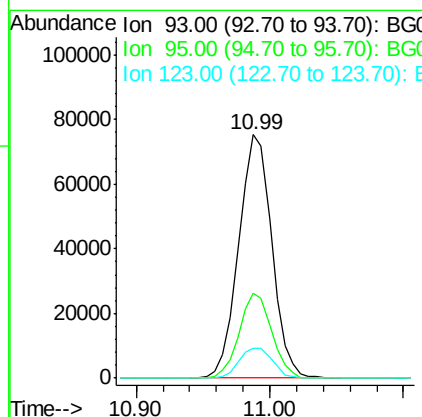
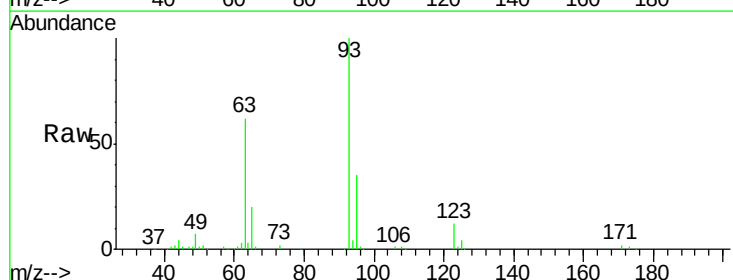
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MS

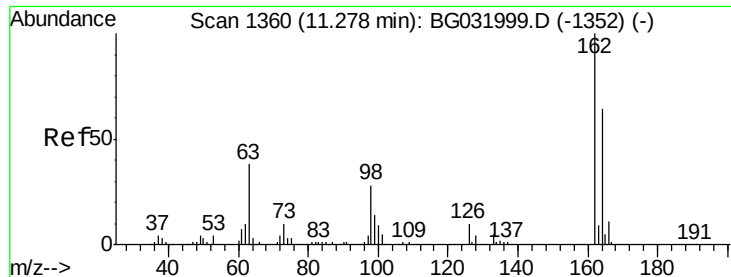
Tgt Ion	Ratio	Lower	Upper
122	100		
107	123.7	100.2	150.2
121	60.3	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.775 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.1	24.3	36.5
123	12.1	8.4	12.6

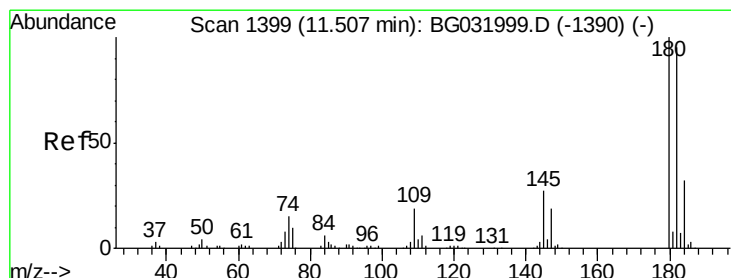
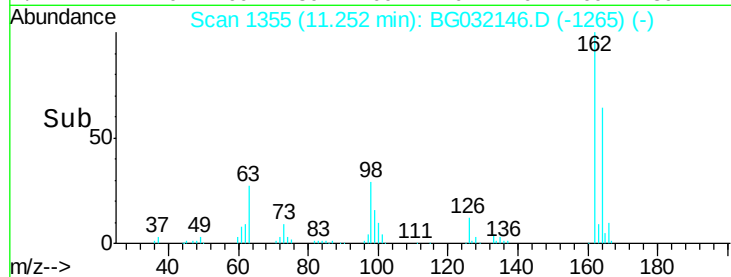
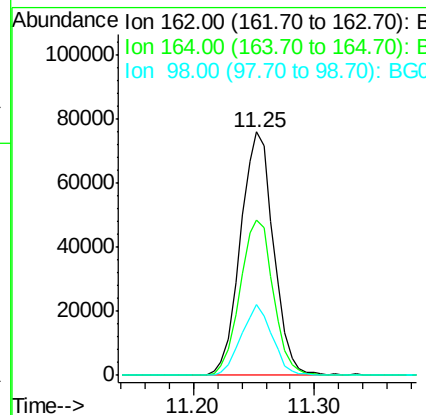
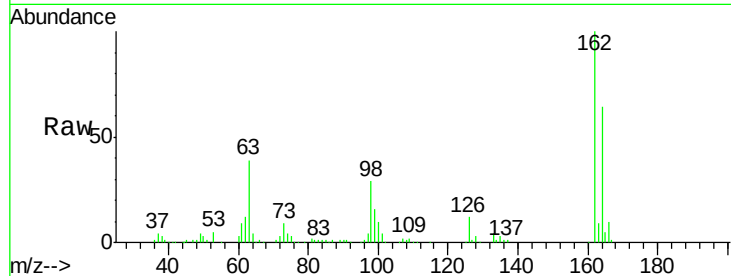




#29
 2,4-Dichlorophenol
 Concen: 50.027 ng
 RT: 11.25 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BG032146.D
 Acq: 18 Jan 2018 21:24

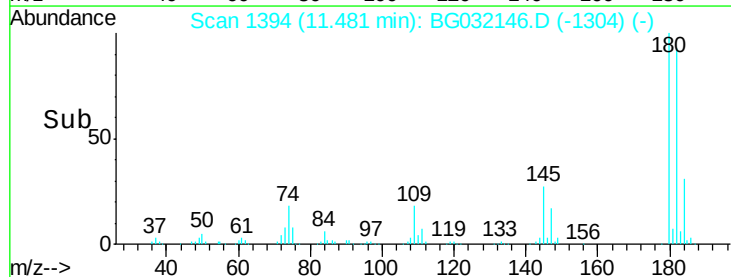
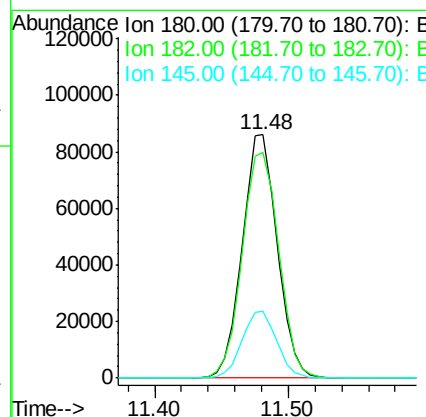
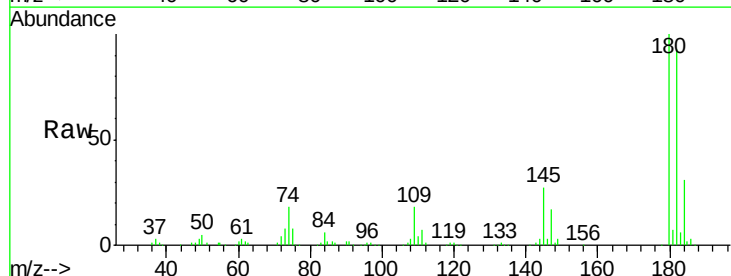
Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(34-36)MS

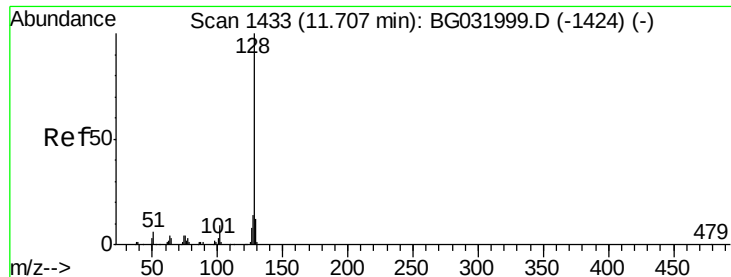
Tgt Ion:162 Resp: 145024
 Ion Ratio Lower Upper
 162 100
 164 63.9 48.0 88.0
 98 29.0 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.712 ng
 RT: 11.48 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BG032146.D
 Acq: 18 Jan 2018 21:24

Tgt Ion:180 Resp: 156167
 Ion Ratio Lower Upper
 180 100
 182 92.9 77.5 116.3
 145 27.3 23.4 35.2

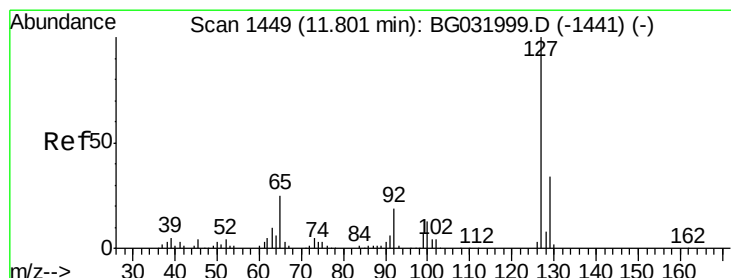
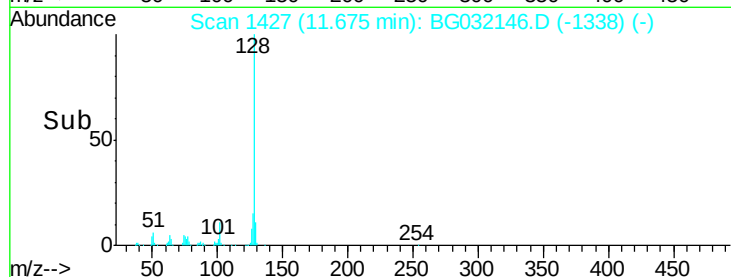
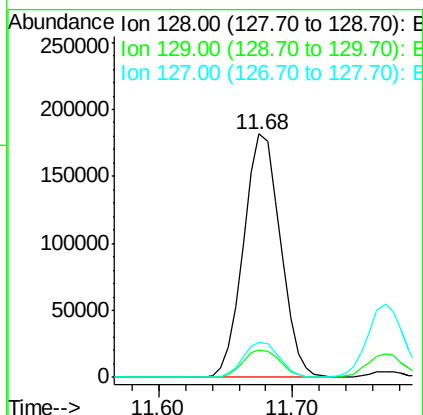
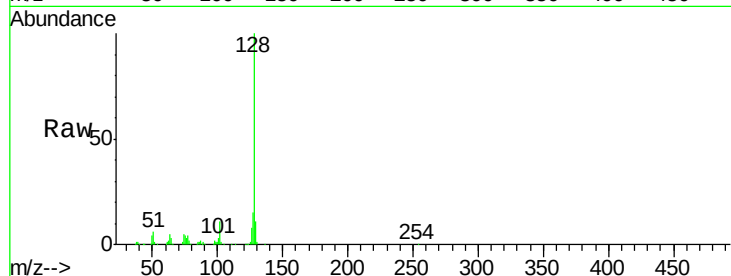




#31
Naphthalene
Concen: 41.270 ng
RT: 11.68 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

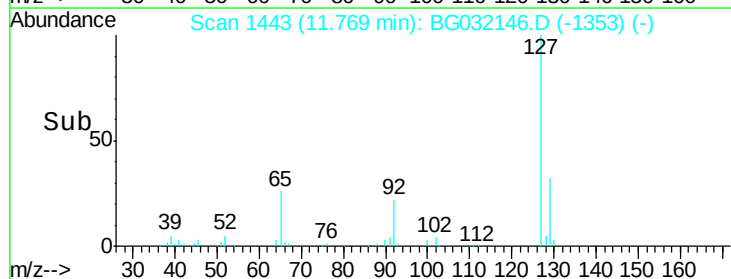
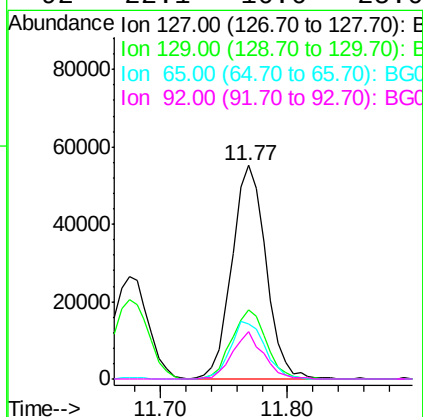
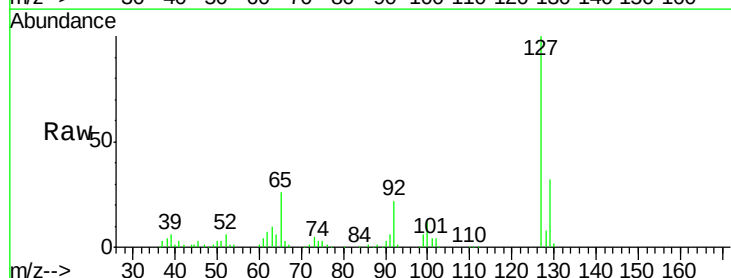
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MS

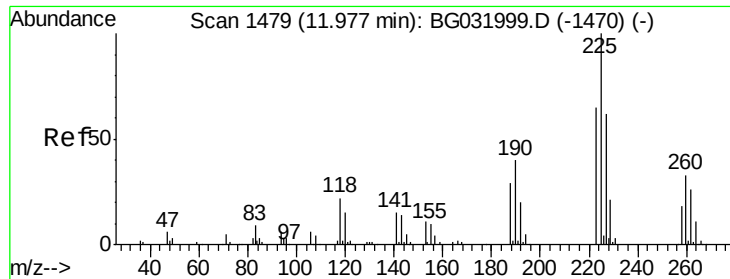
Tgt Ion:	128	Resp:	347434
Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	14.5	11.6	17.4



#33
4-Chloroaniline
Concen: 28.466 ng
RT: 11.77 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

Tgt Ion:	127	Resp:	102762
Ion	Ratio	Lower	Upper
127	100		
129	32.1	24.0	36.0
65	25.8	27.0	40.4#
92	22.1	16.6	25.0





#34

Hexachlorobutadiene

Concen: 41.196 ng

RT: 11.95 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

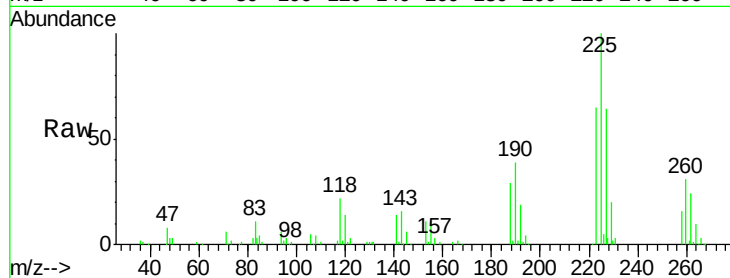
Tgt Ion:225 Resp: 110777

Ion Ratio Lower Upper

225 100

223 65.2 49.7 74.5

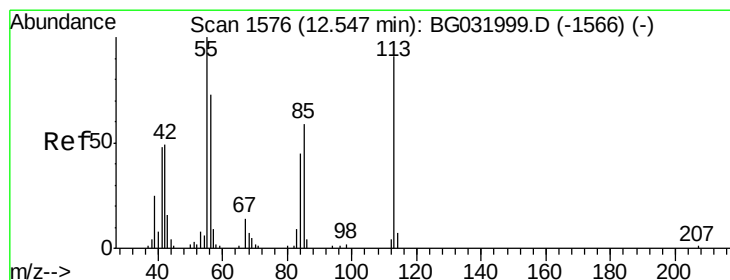
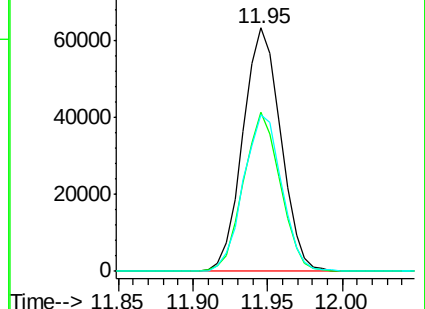
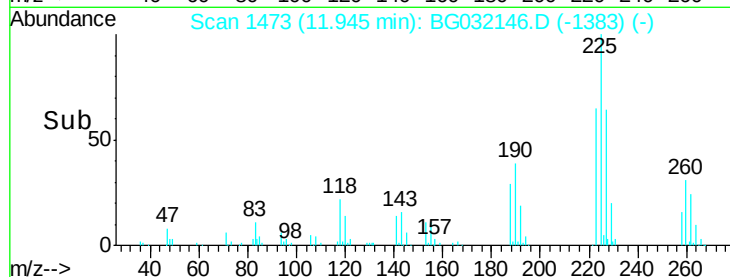
227 64.5 48.1 72.1



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: 48.947 ng

RT: 12.51 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

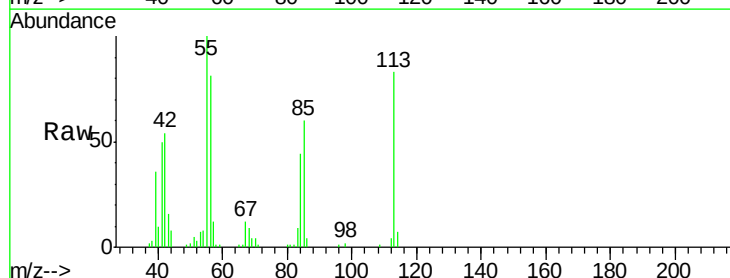
Tgt Ion:113 Resp: 43047

Ion Ratio Lower Upper

113 100

55 120.6 186.9 226.9#

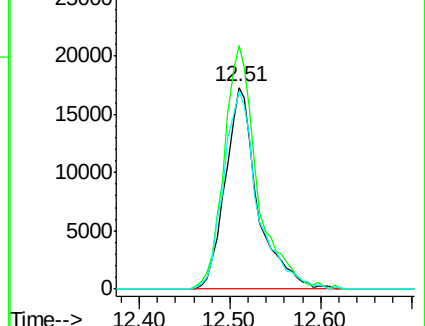
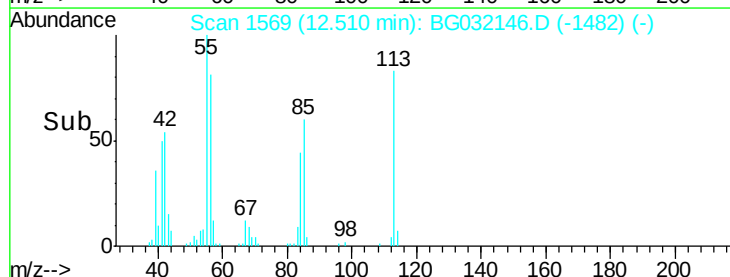
56 97.9 130.9 170.9#

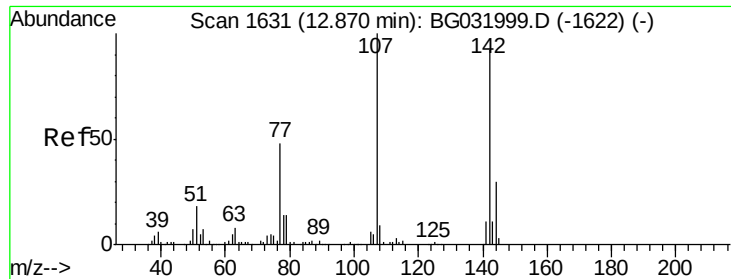


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

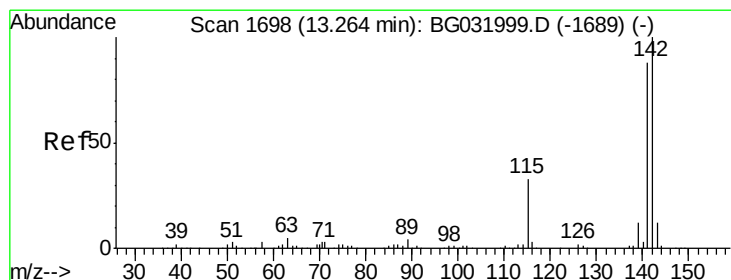
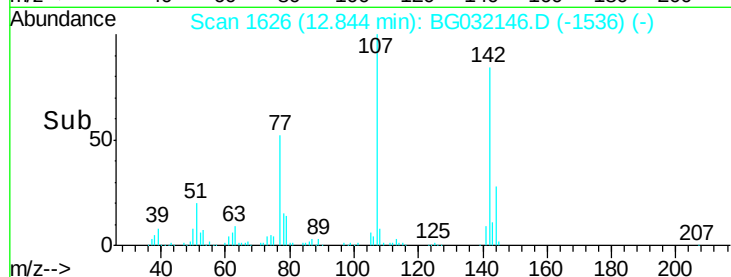
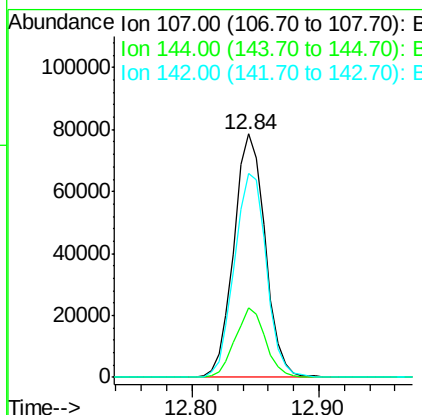
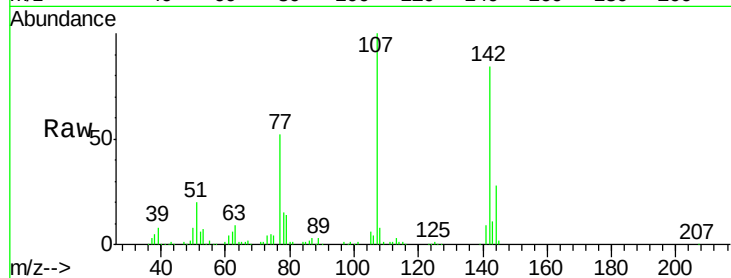




#36
 4-Chloro-3-methylphenol
 Concen: 50.648 ng
 RT: 12.84 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BG032146.D
 Acq: 18 Jan 2018 21:24

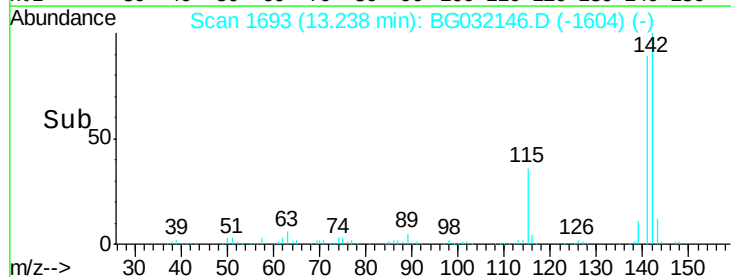
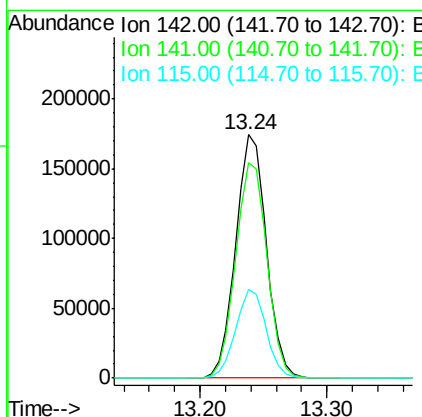
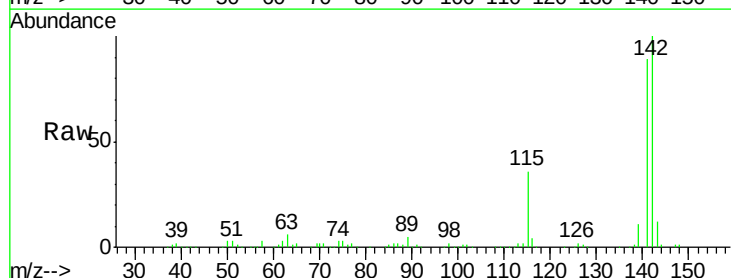
Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(34-36)MS

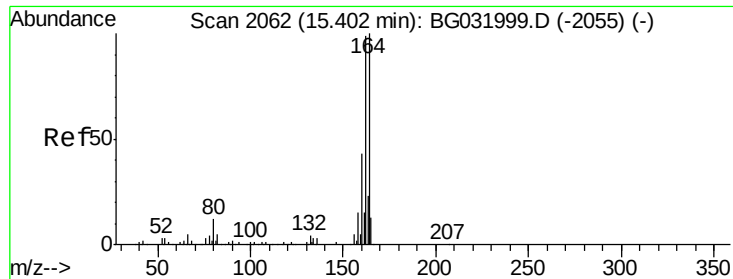
Tgt Ion:107 Resp: 134392
 Ion Ratio Lower Upper
 107 100
 144 28.4 18.2 27.4#
 142 84.0 59.0 88.4



#37
 2-Methylnaphthalene
 Concen: 43.521 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BG032146.D
 Acq: 18 Jan 2018 21:24

Tgt Ion:142 Resp: 290877
 Ion Ratio Lower Upper
 142 100
 141 88.6 67.1 100.7
 115 36.3 30.7 46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.38 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

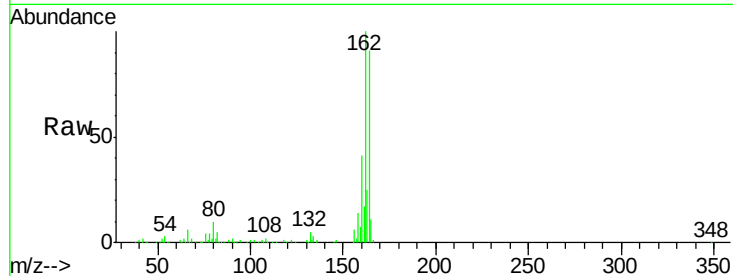
Tgt Ion:164 Resp: 121533

Ion Ratio Lower Upper

164 100

162 109.8 78.8 118.2

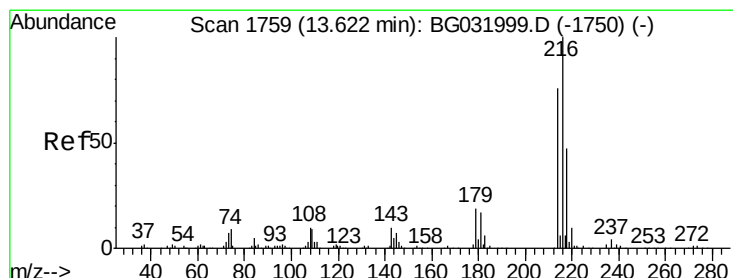
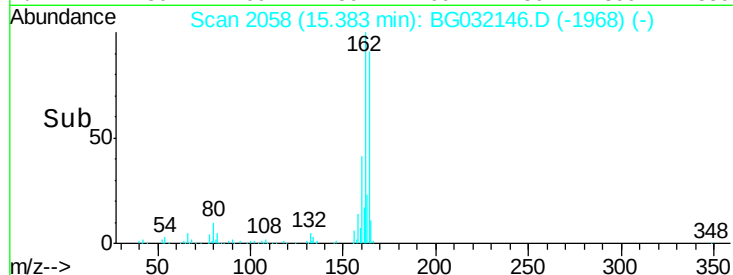
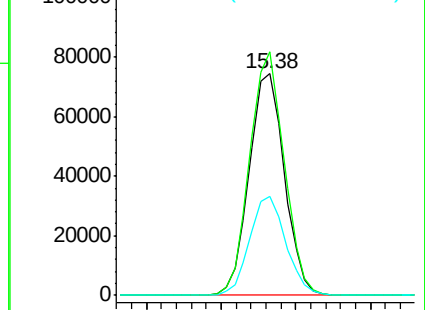
160 44.9 35.4 53.0



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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.213 ng

RT: 13.60 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Tgt Ion:216 Resp: 218331

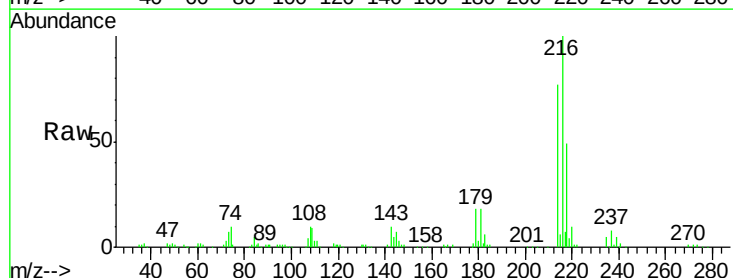
Ion Ratio Lower Upper

216 100

214 76.7 63.0 94.4

179 18.1 17.0 25.6

108 12.5 12.8 19.2#

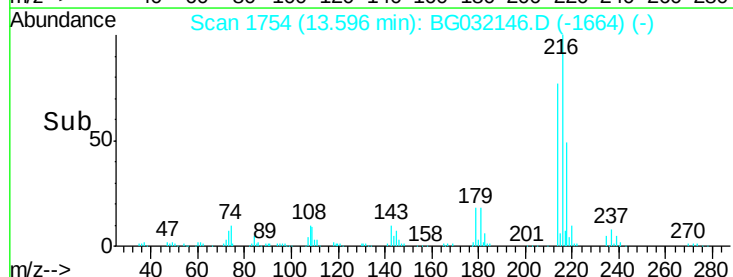
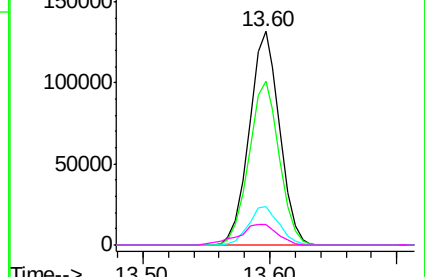


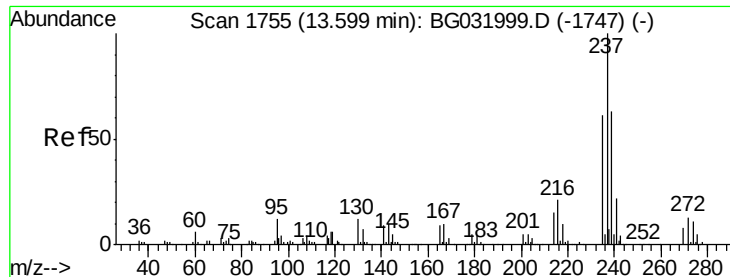
Abundance Ion 216.00 (215.70 to 216.70): E

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





#40

Hexachlorocyclopentadiene

Concen: 90.215 ng

RT: 13.57 min Scan# 1750

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

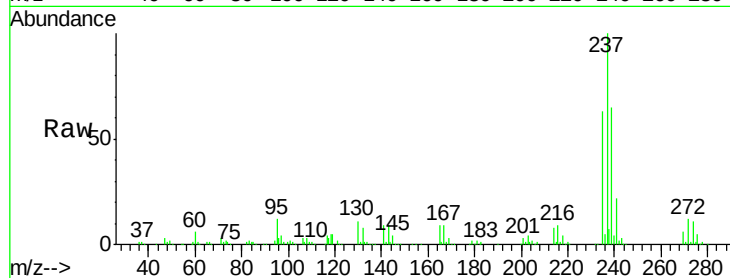
Tgt Ion:237 Resp: 269183

Ion Ratio Lower Upper

237 100

235 63.2 50.4 90.4

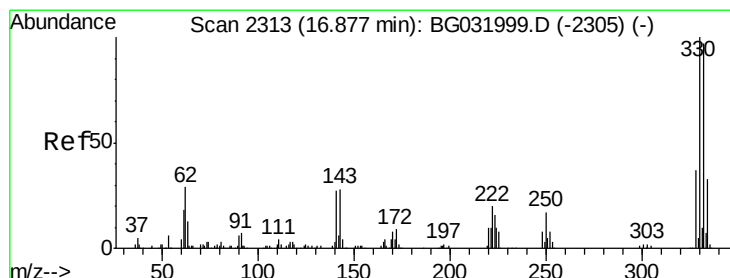
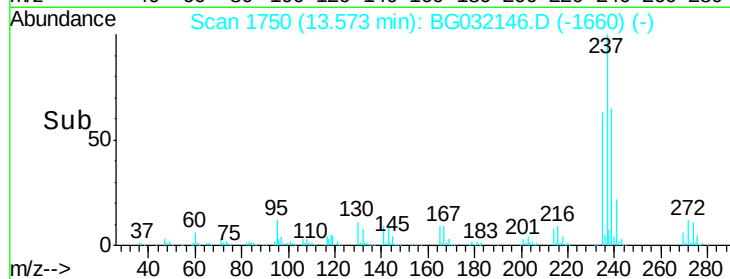
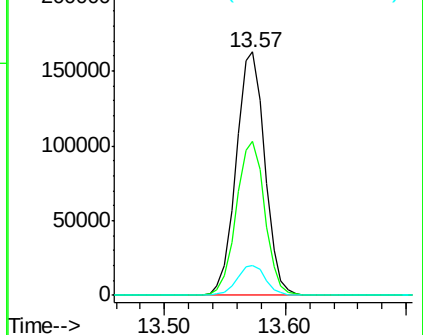
272 12.0 0.0 31.8



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



#41

2,4,6-Tribromophenol

Concen: 166.762 ng

RT: 16.86 min Scan# 2309

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

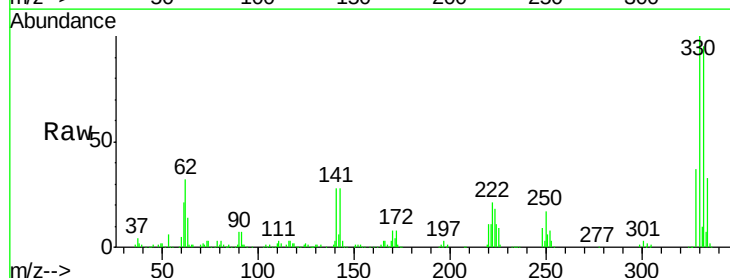
Tgt Ion:330 Resp: 335372

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

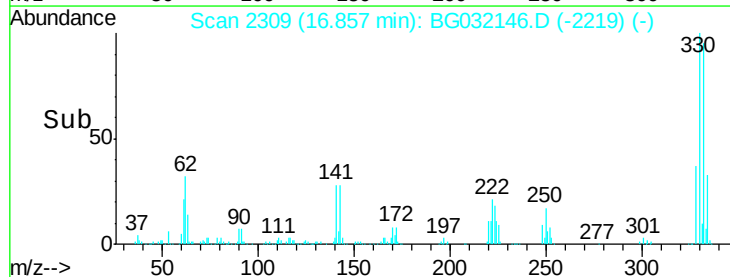
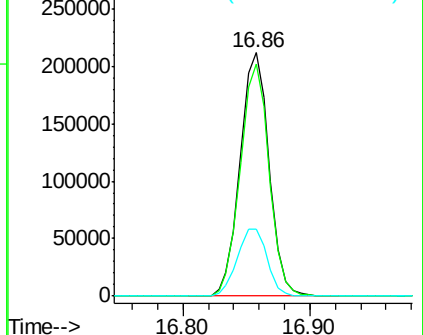
141 28.4 25.2 37.8

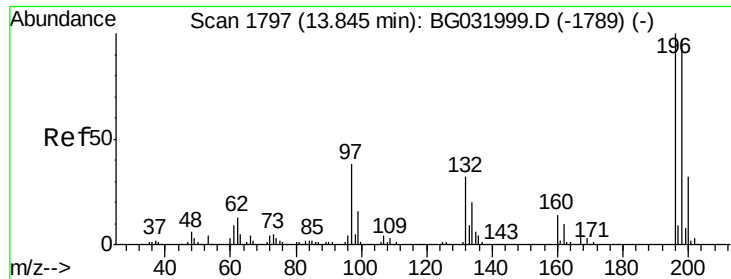


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

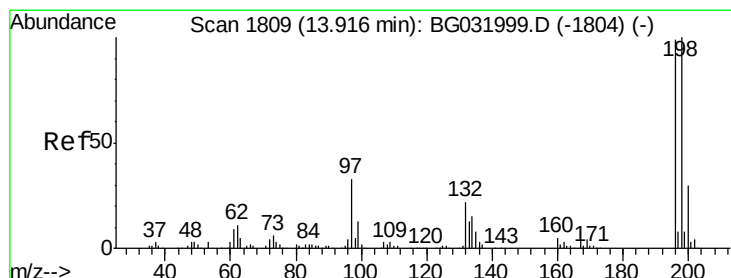
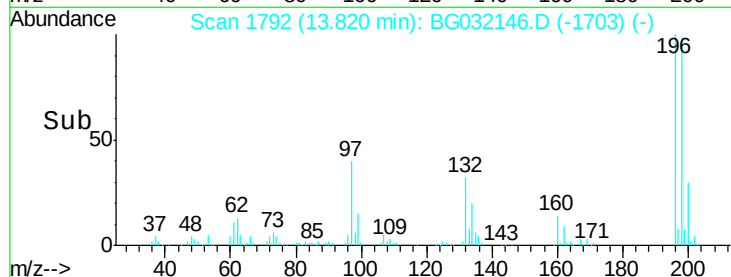
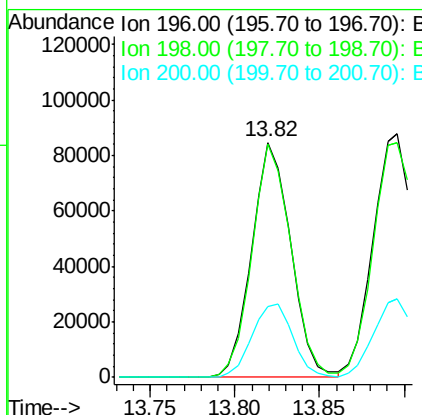
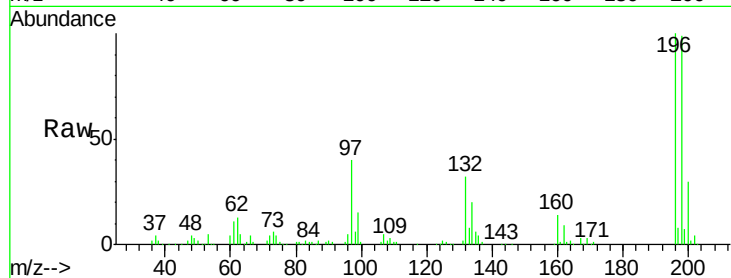




#42
 2,4,6-Trichlorophenol
 Concen: 45.892 ng
 RT: 13.82 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG032146.D
 Acq: 18 Jan 2018 21:24

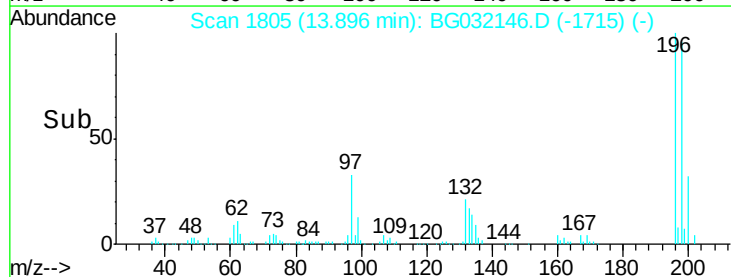
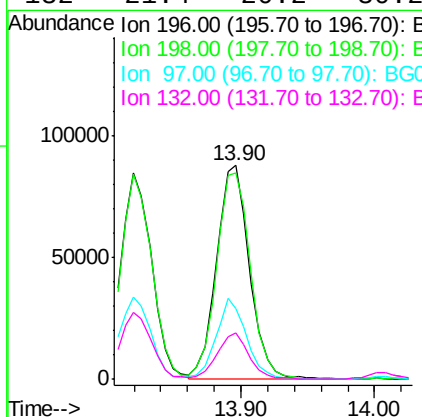
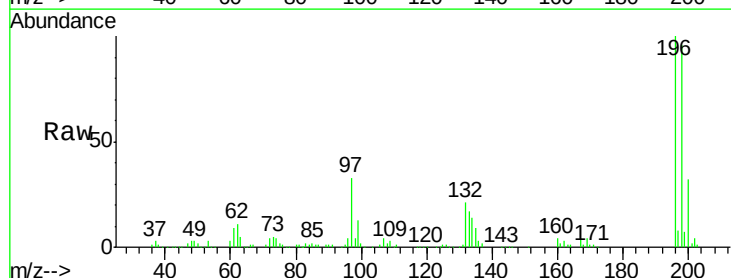
Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(34-36)MS

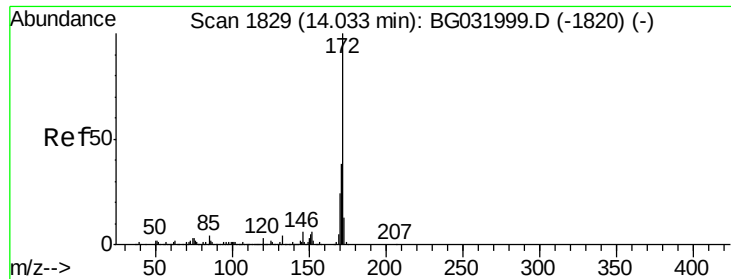
Tgt Ion:196 Resp: 136604
 Ion Ratio Lower Upper
 196 100
 198 99.3 78.2 117.2
 200 30.3 24.6 36.8



#43
 2,4,5-Trichlorophenol
 Concen: 43.862 ng
 RT: 13.90 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: BG032146.D
 Acq: 18 Jan 2018 21:24

Tgt Ion:196 Resp: 151122
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.2 114.4
 97 33.0 38.7 58.1#
 132 21.4 20.2 30.2





#44

2-Fluorobiphenyl

Concen: 86.003 ng

RT: 14.01 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

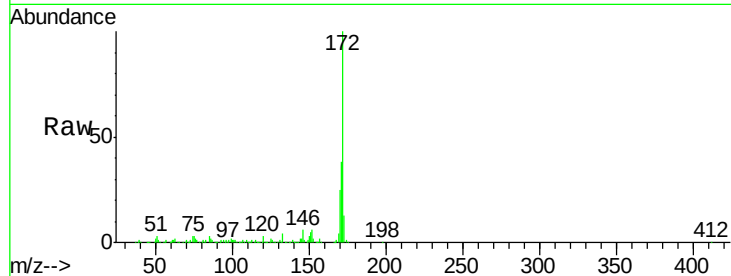
Tgt Ion:172 Resp: 842949

Ion Ratio Lower Upper

172 100

171 38.1 30.0 45.0

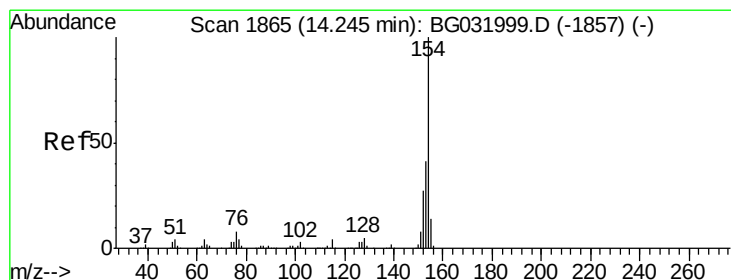
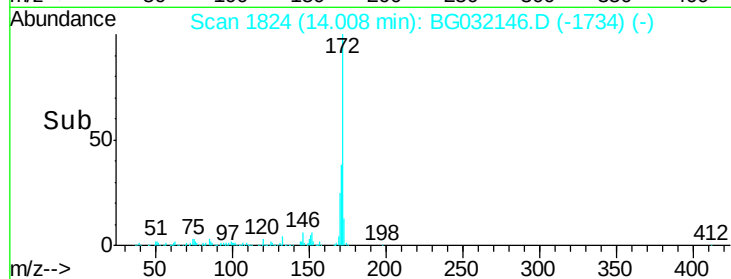
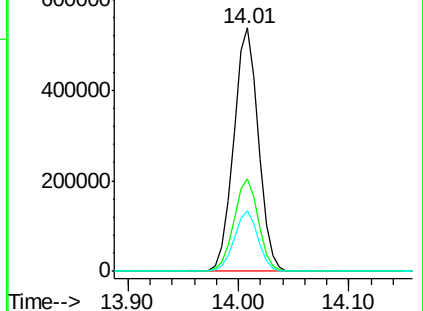
170 24.6 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 39.746 ng

RT: 14.22 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

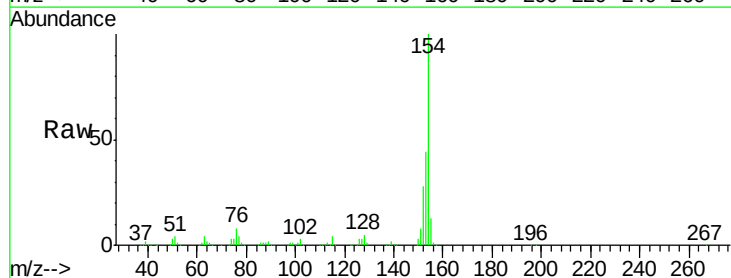
Tgt Ion:154 Resp: 414099

Ion Ratio Lower Upper

154 100

153 43.9 19.8 59.8

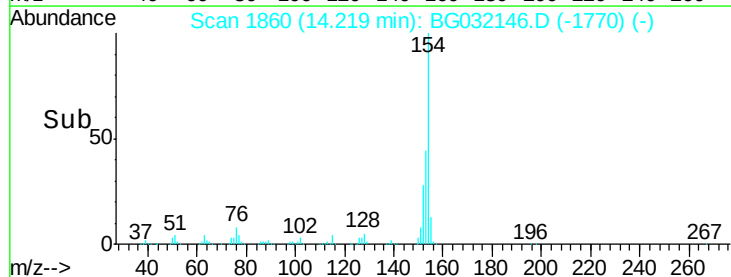
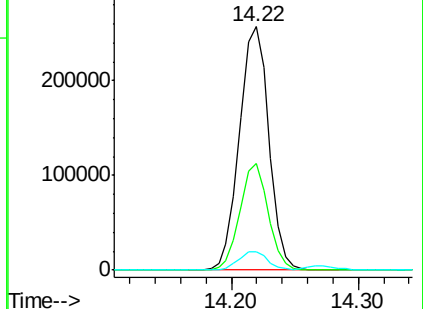
76 7.6 0.0 31.9

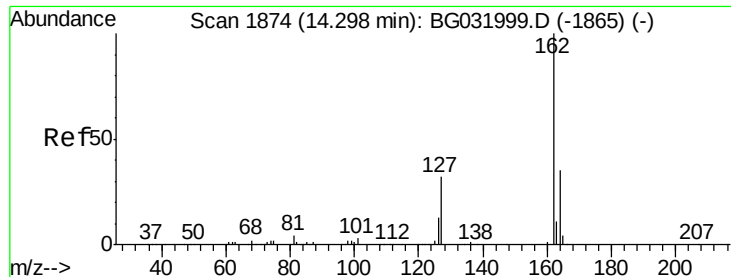


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

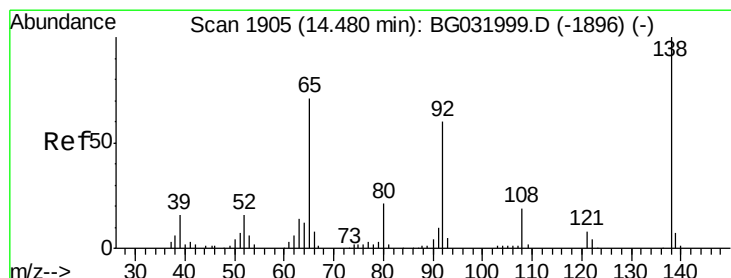
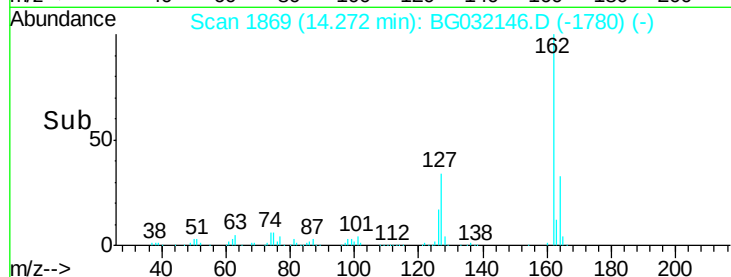
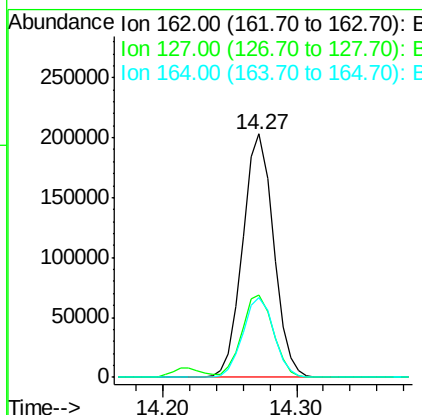
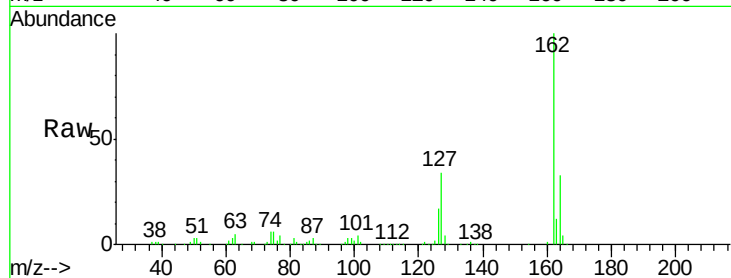




#46
2-Chloronaphthalene
Concen: 40.021 ng
RT: 14.27 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

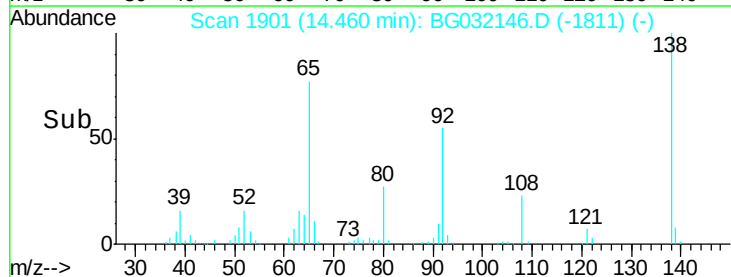
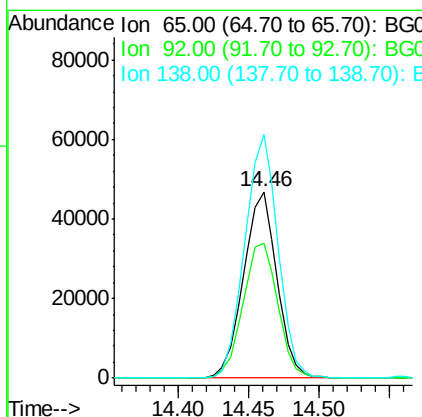
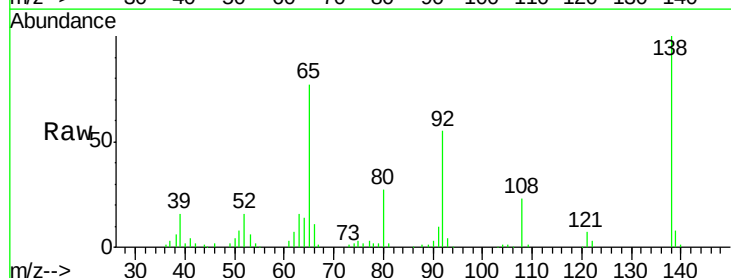
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MS

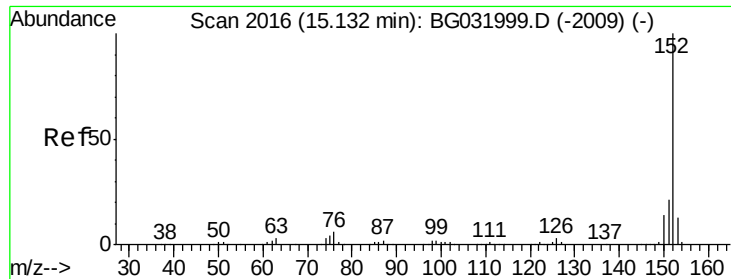
Tgt Ion: 162 Resp: 324373
Ion Ratio Lower Upper
162 100
127 34.0 30.7 46.1
164 32.8 26.0 39.0



#47
2-Nitroaniline
Concen: 50.111 ng
RT: 14.46 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

Tgt Ion: 65 Resp: 77753
Ion Ratio Lower Upper
65 100
92 72.3 54.6 82.0
138 130.6 72.9 109.3#





#48

Acenaphthylene

Concen: 39.145 ng

RT: 15.11 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

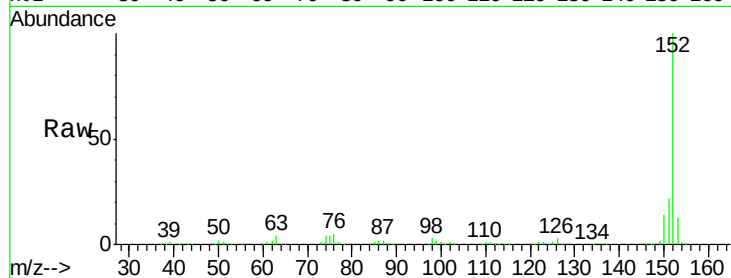
Tgt Ion:152 Resp: 483146

Ion Ratio Lower Upper

152 100

151 21.8 17.2 25.8

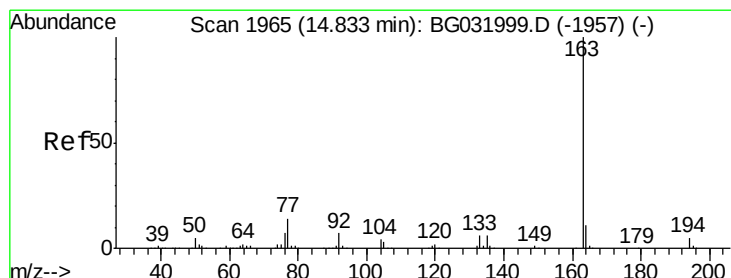
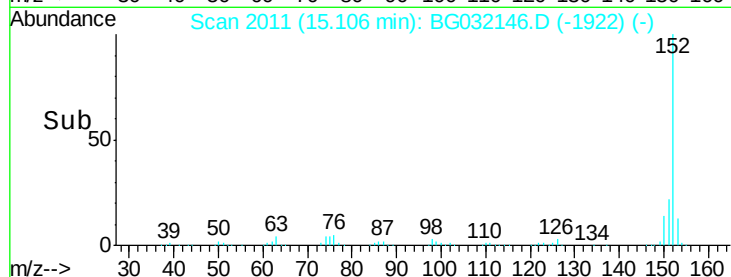
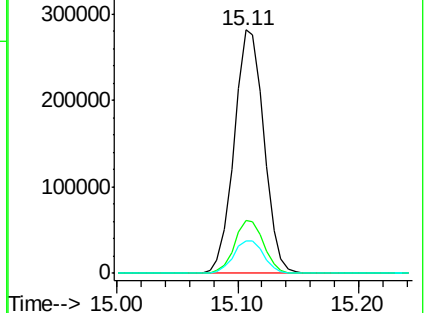
153 13.5 10.2 15.4



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



#49

Dimethylphthalate

Concen: 54.074 ng

RT: 14.81 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

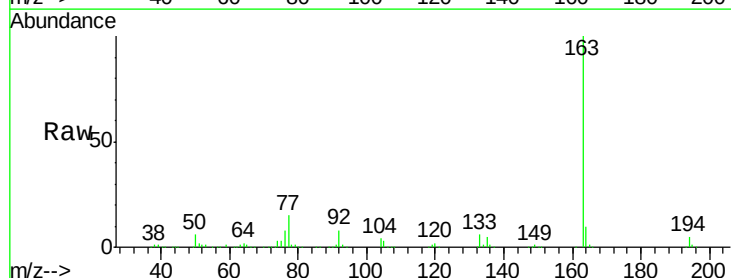
Tgt Ion:163 Resp: 575086

Ion Ratio Lower Upper

163 100

194 5.2 3.4 5.2#

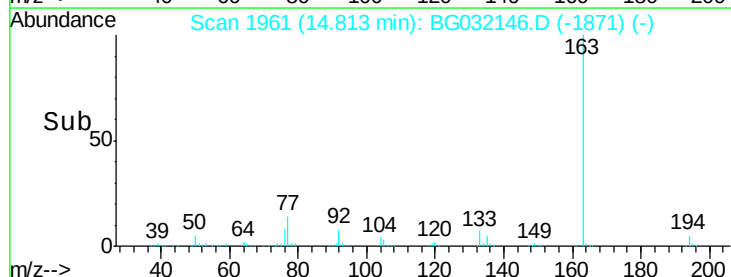
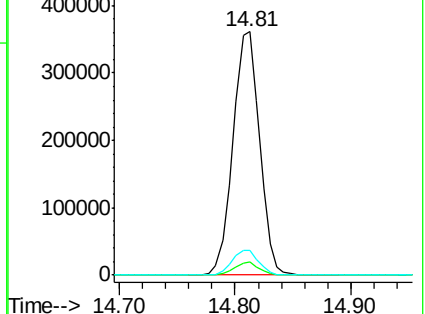
164 10.0 8.2 12.4

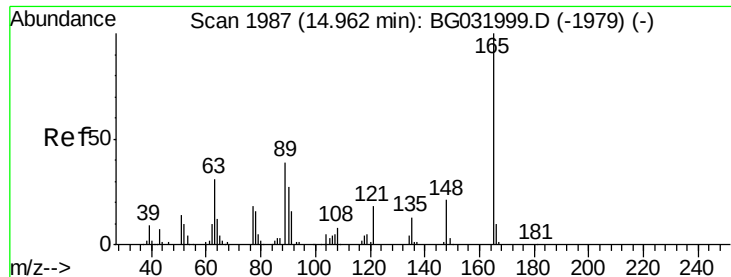


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

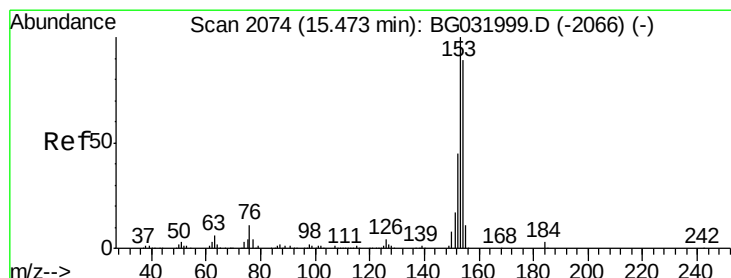
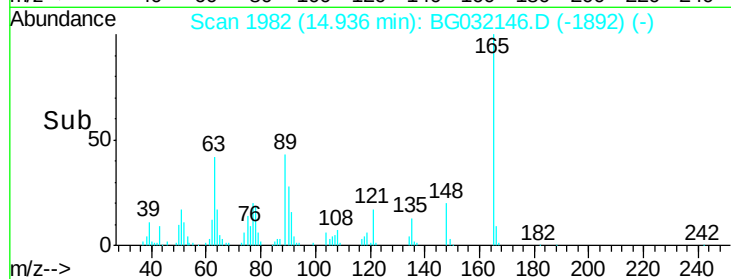
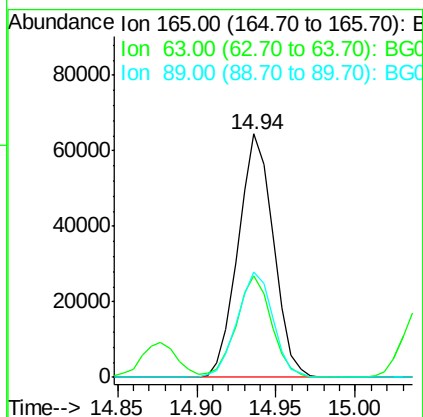
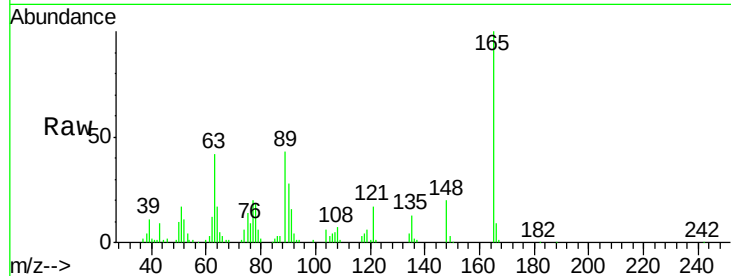




#50
2,6-Dinitrotoluene
Concen: 45.097 ng
RT: 14.94 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

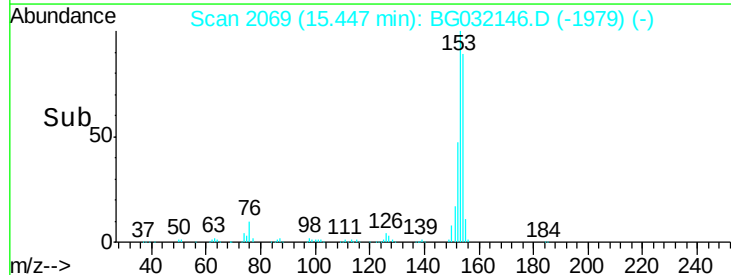
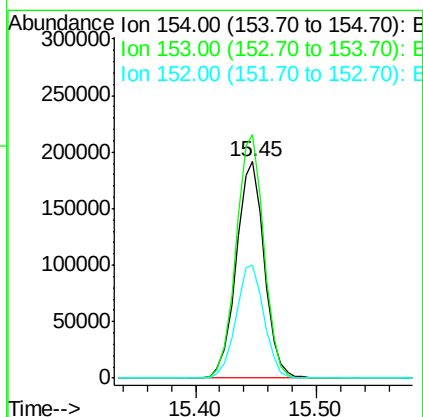
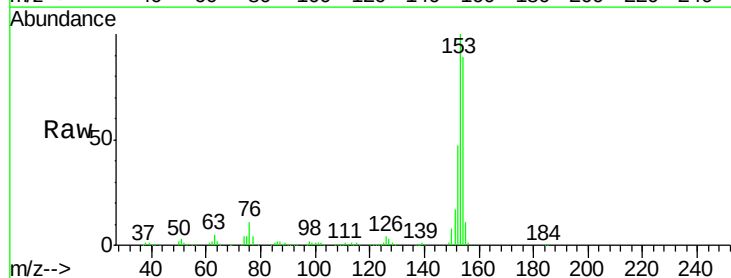
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MS

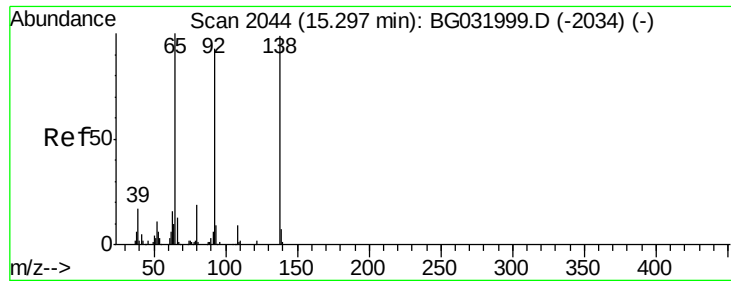
Tgt Ion:165 Resp: 99551
Ion Ratio Lower Upper
165 100
63 41.7 52.7 79.1#
89 43.2 49.2 73.8#



#51
Acenaphthene
Concen: 37.940 ng
RT: 15.45 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

Tgt Ion:154 Resp: 309644
Ion Ratio Lower Upper
154 100
153 112.7 90.4 135.6
152 52.6 41.6 62.4





#52

3-Nitroaniline

Concen: 35.042 ng

RT: 15.27 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

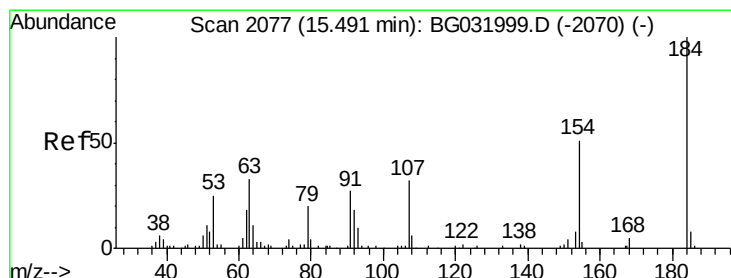
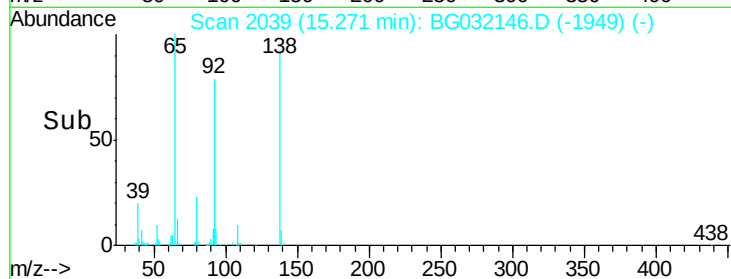
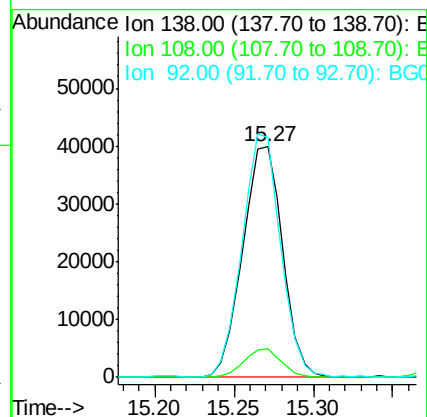
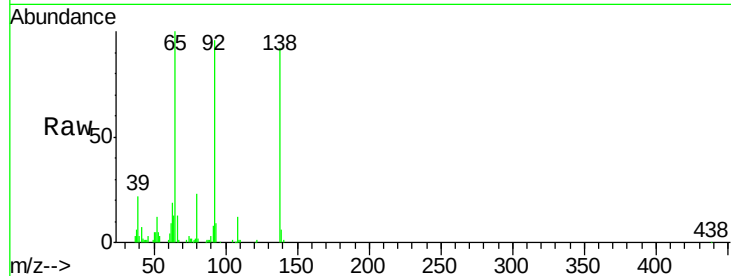
Tgt Ion:138 Resp: 69866

Ion Ratio Lower Upper

138 100

108 12.5 17.5 26.3#

92 103.9 105.8 158.8#



#53

2,4-Dinitrophenol

Concen: 16.265 ng

RT: 15.47 min Scan# 2073

Delta R.T. 0.01 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

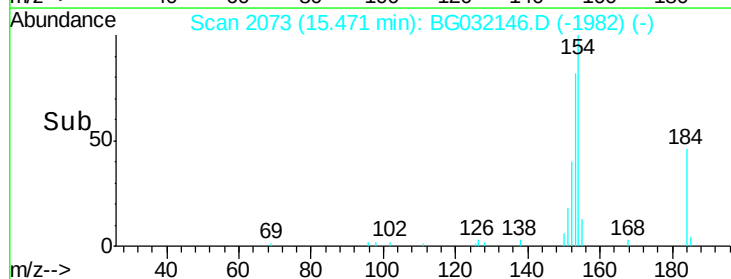
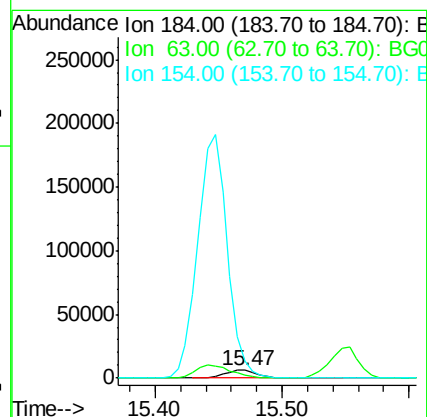
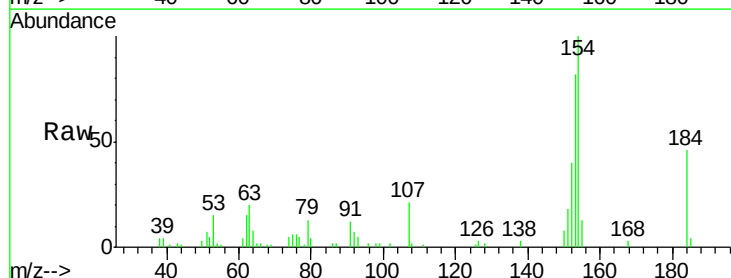
Tgt Ion:184 Resp: 11282

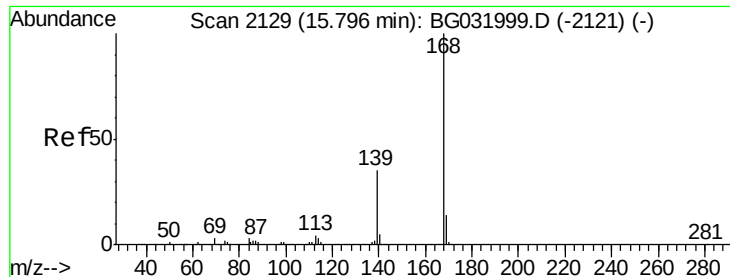
Ion Ratio Lower Upper

184 100

63 43.2 59.8 89.8#

154 215.1 101.8 152.8#





#54

Dibenzenofuran

Concen: 42.504 ng

RT: 15.77 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

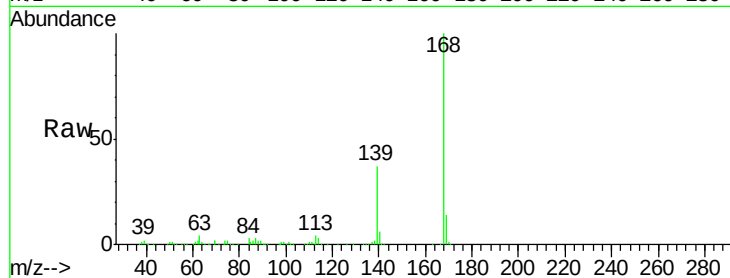
Tgt Ion:168 Resp: 517468

Ion Ratio Lower Upper

168 100

139 36.9 28.6 43.0

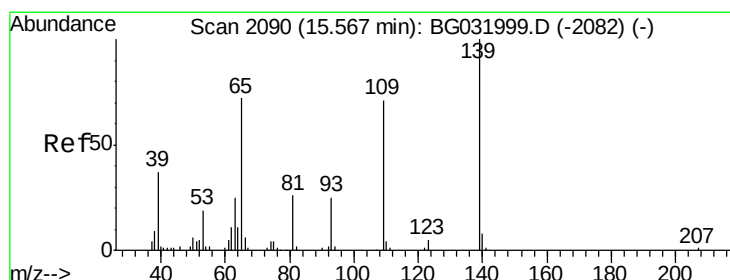
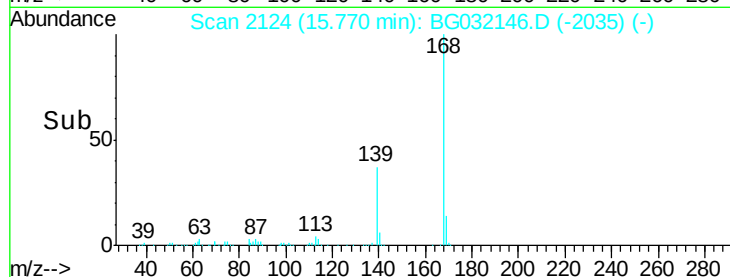
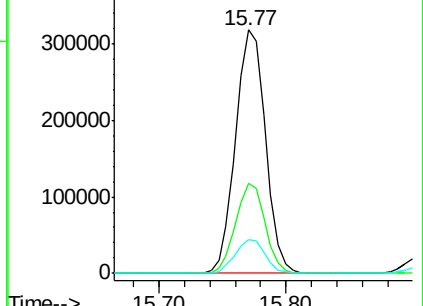
169 13.9 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 100.570 ng

RT: 15.55 min Scan# 2087

Delta R.T. 0.01 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

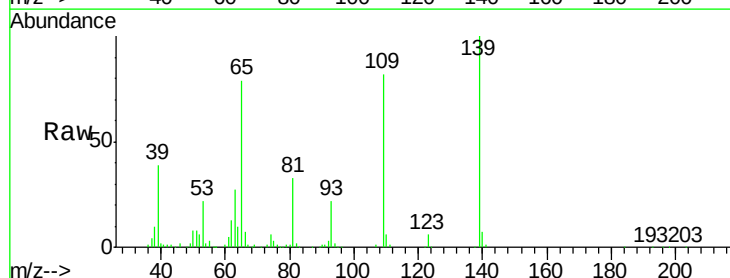
Tgt Ion:139 Resp: 146128

Ion Ratio Lower Upper

139 100

109 81.6 62.2 102.2

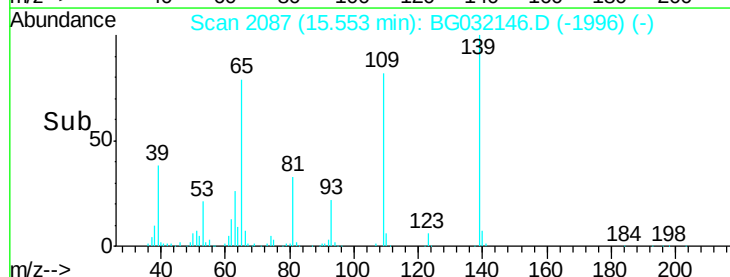
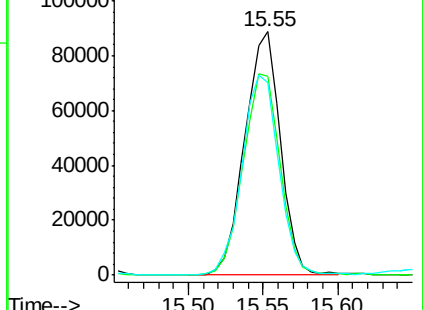
65 78.9 97.2 137.2#

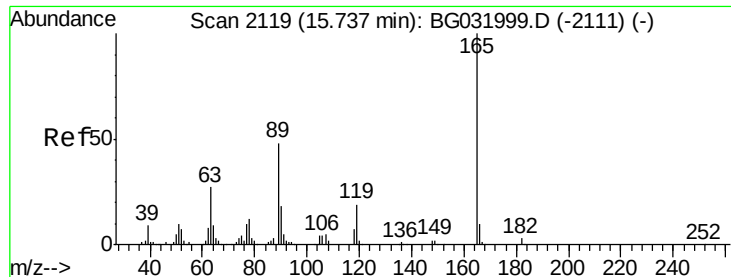


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

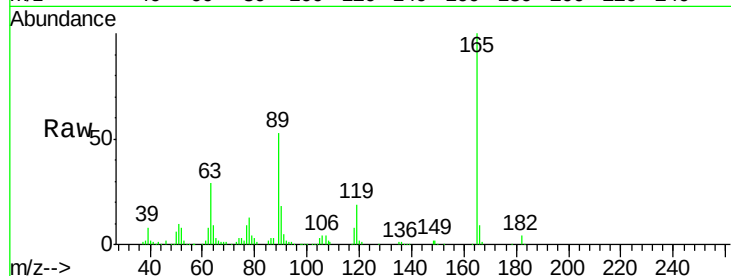




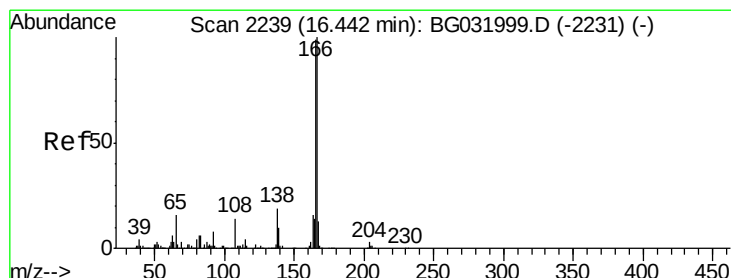
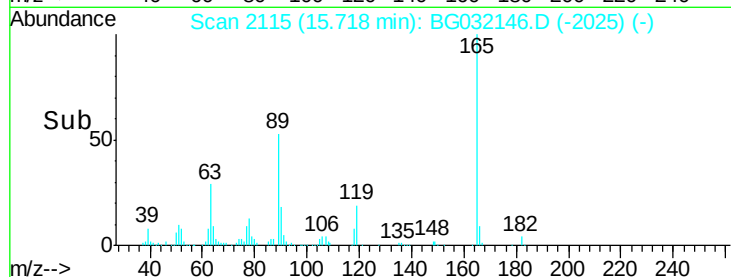
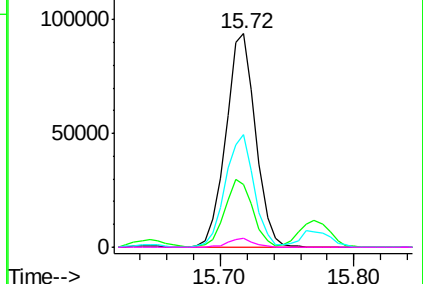
#56
2,4-Dinitrotoluene
Concen: 48.940 ng
RT: 15.72 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MS

Tgt Ion:165 Resp: 145449
Ion Ratio Lower Upper
165 100
63 29.2 42.0 63.0#
89 52.9 66.9 100.3#
182 4.4 2.6 3.8#

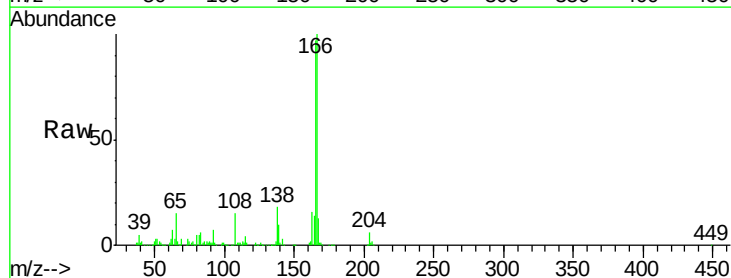


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

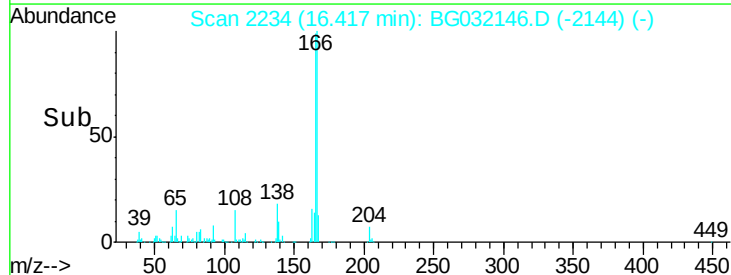
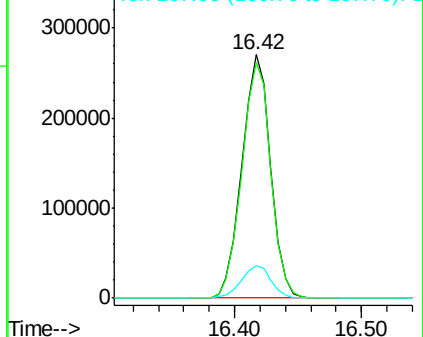


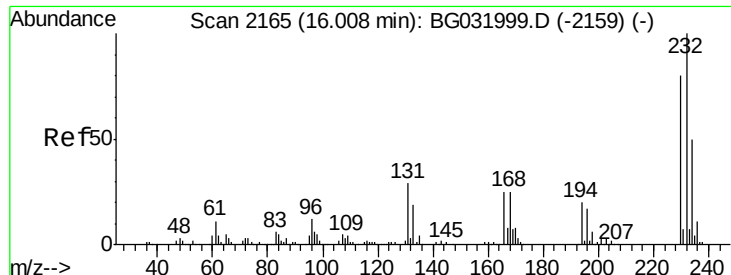
#57
Fluorene
Concen: 42.144 ng
RT: 16.42 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

Tgt Ion:166 Resp: 420808
Ion Ratio Lower Upper
166 100
165 97.0 80.6 121.0
167 13.3 10.4 15.6



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

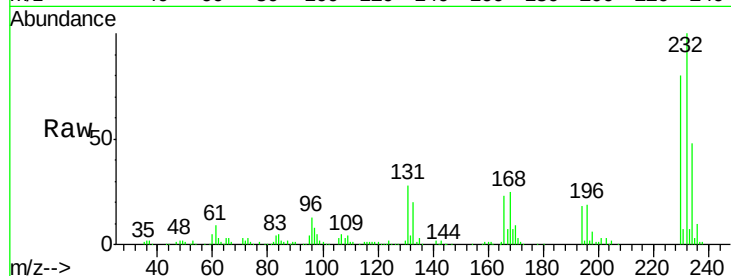




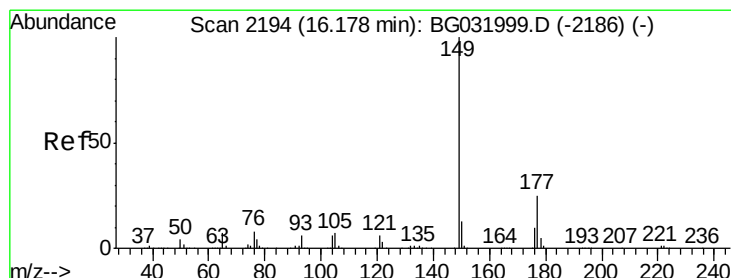
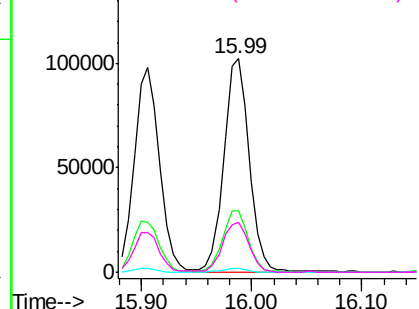
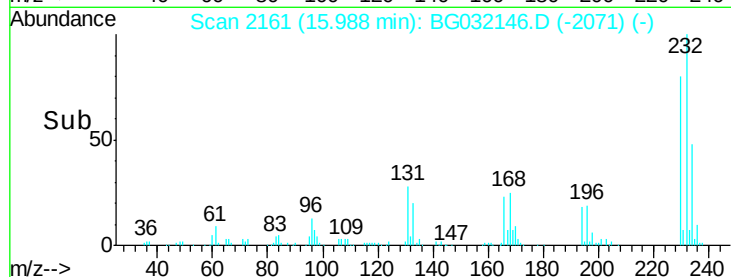
#58
2,3,4,6-Tetrachlorophenol
Concen: 51.192 ng
RT: 15.99 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	29.6	33.5	50.3#
130	1.8	2.2	3.2#
166	24.5	24.8	37.2#

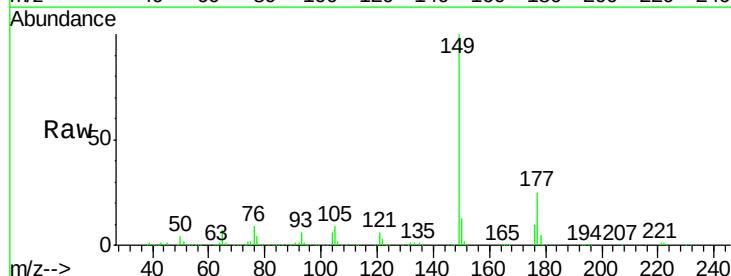


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

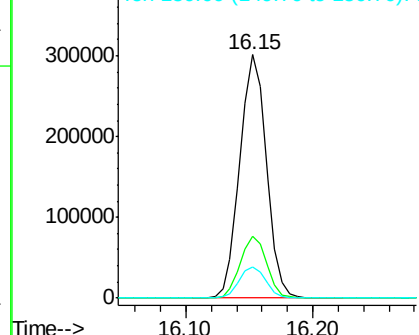
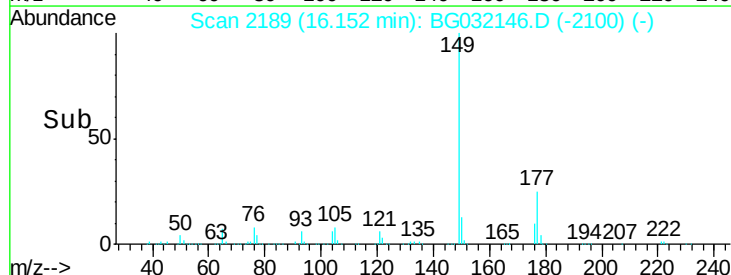


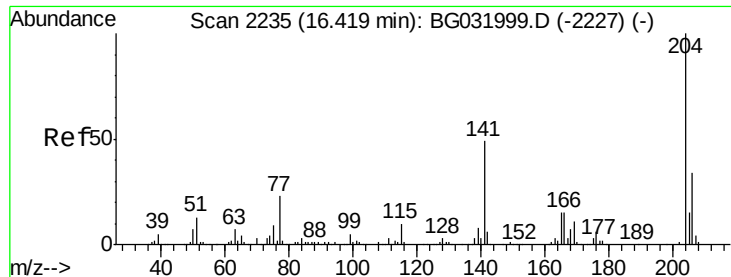
#59
Diethylphthalate
Concen: 42.242 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.2	18.5	27.7
150	13.0	10.2	15.2



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

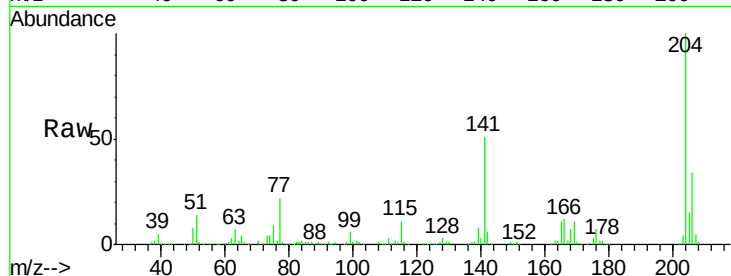




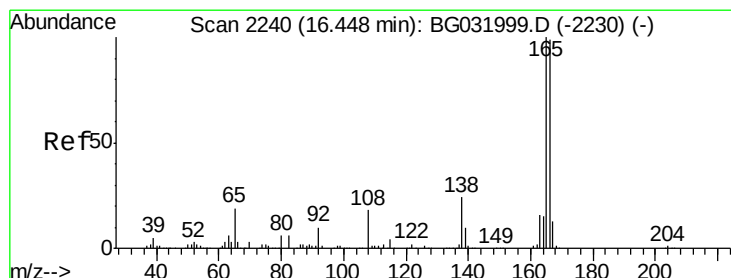
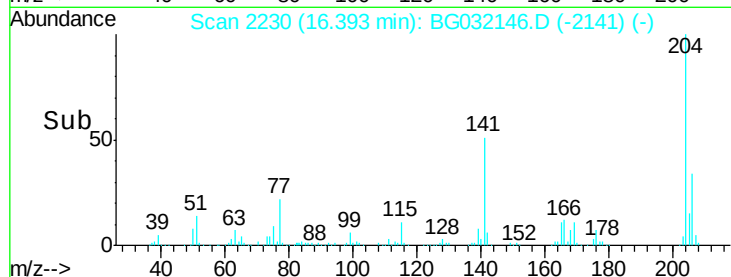
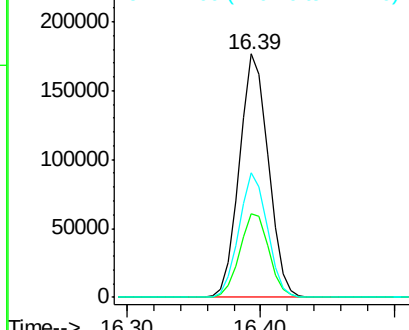
#60
 4-Chlorophenyl-phenylether
 Concen: 43.170 ng
 RT: 16.39 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG032146.D
 Acq: 18 Jan 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(34-36)MS

Tgt Ion: 204 Resp: 264422
 Ion Ratio Lower Upper
 204 100
 206 34.3 26.2 39.2
 141 51.0 45.8 68.6

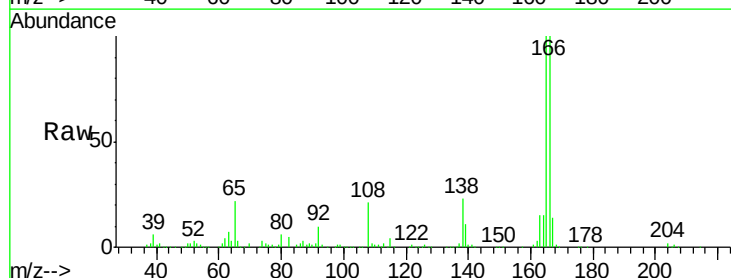


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

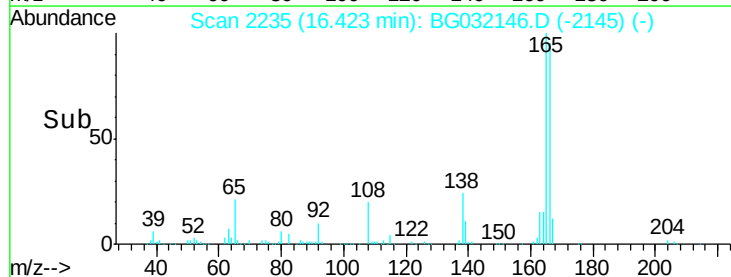
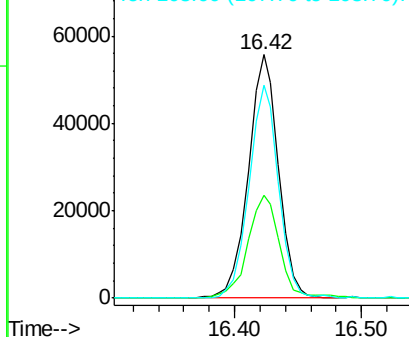


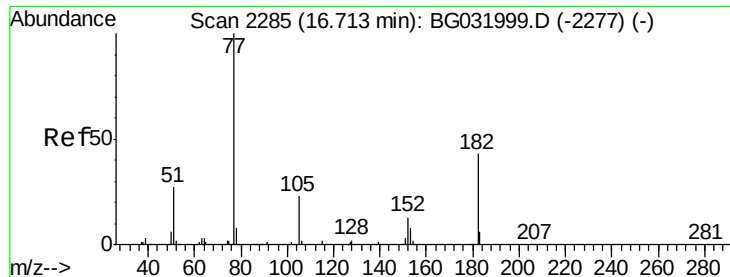
#61
 4-Nitroaniline
 Concen: 48.082 ng
 RT: 16.42 min Scan# 2235
 Delta R.T. 0.00 min
 Lab File: BG032146.D
 Acq: 18 Jan 2018 21:24

Tgt Ion: 138 Resp: 91960
 Ion Ratio Lower Upper
 138 100
 92 42.4 40.1 80.1
 108 87.5 65.4 105.4



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





#62

Azobenzene

Concen: 43.523 ng

RT: 16.69 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

Tgt Ion: 77 Resp: 280865

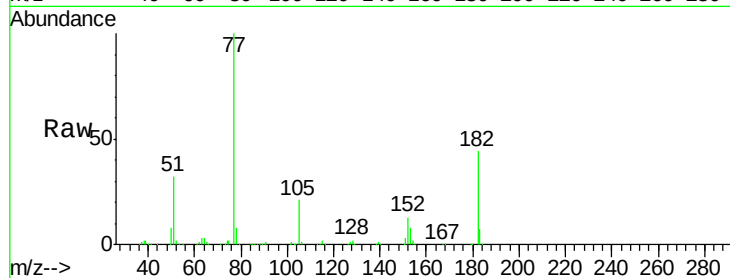
Ion Ratio Lower Upper

77 100

182 44.2 7.4 47.4

105 20.8 0.3 40.3

51 32.1 11.6 51.6

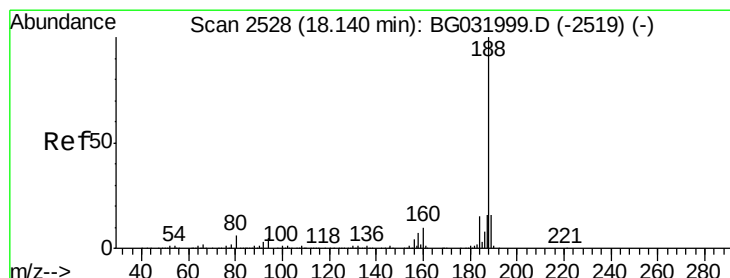
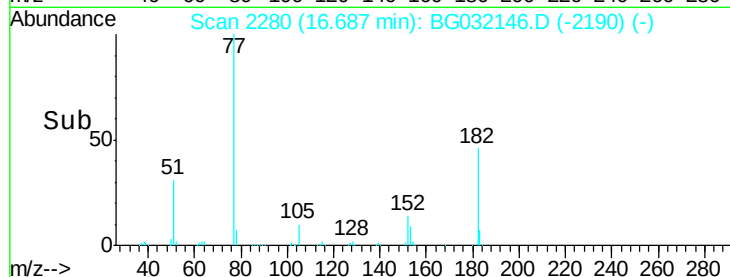
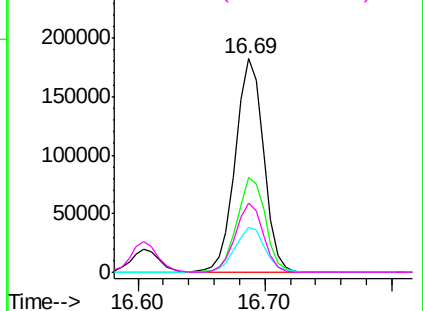


Abundance Ion 77.00 (76.70 to 77.70): BGC

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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.11 min Scan# 2523

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

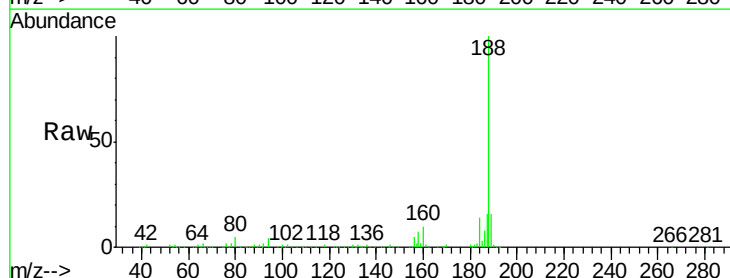
Tgt Ion: 188 Resp: 325715

Ion Ratio Lower Upper

188 100

94 4.3 6.9 10.3#

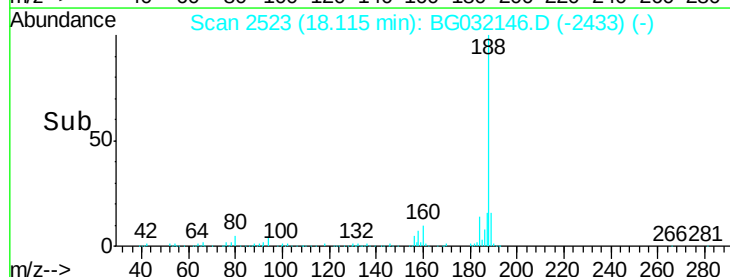
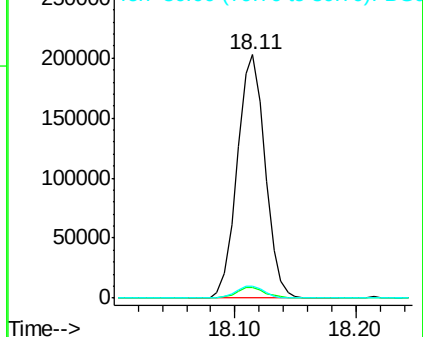
80 4.8 7.7 11.5#

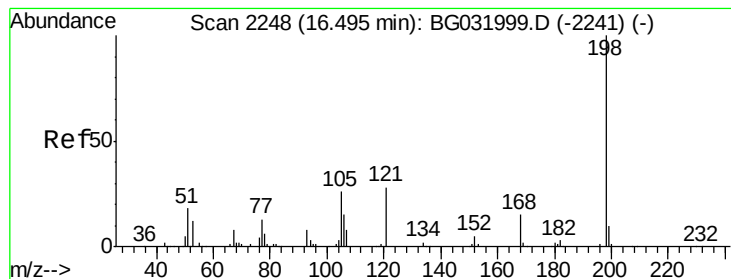


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 33.642 ng

RT: 16.47 min Scan# 2243

Delta R.T. -0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

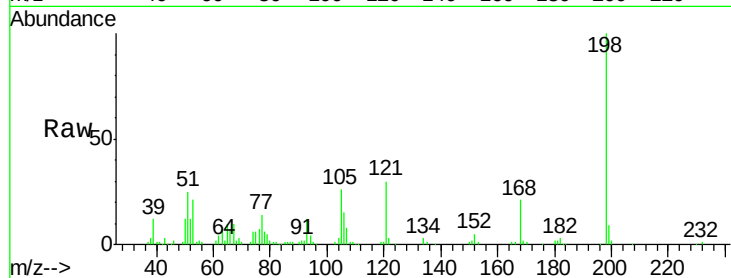
Tgt Ion:198 Resp: 66746

Ion Ratio Lower Upper

198 100

51 24.9 30.6 70.6#

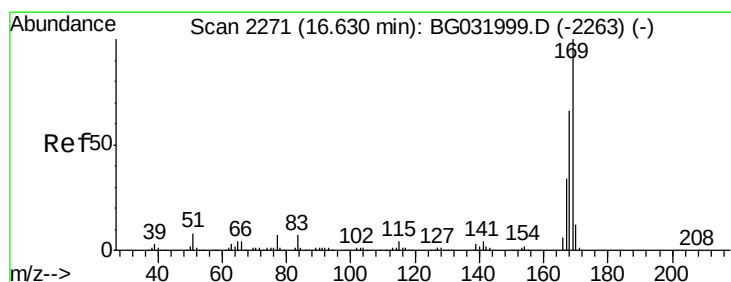
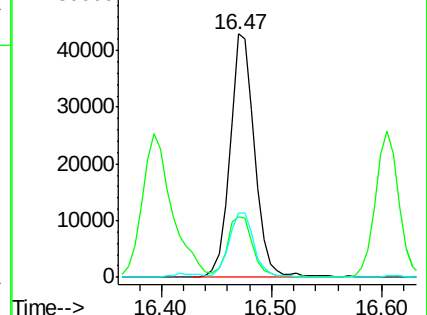
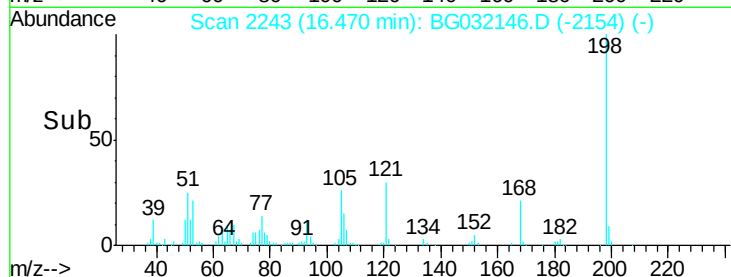
105 26.3 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 40.024 ng

RT: 16.60 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

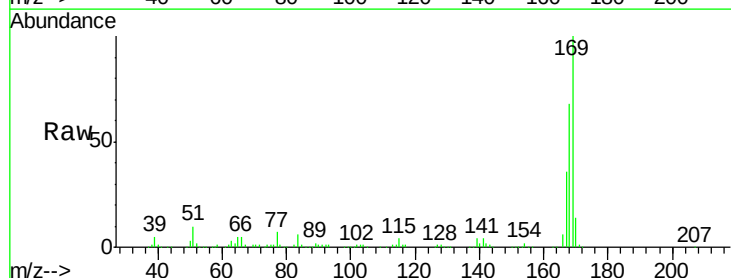
Tgt Ion:169 Resp: 395576

Ion Ratio Lower Upper

169 100

168 68.0 55.7 83.5

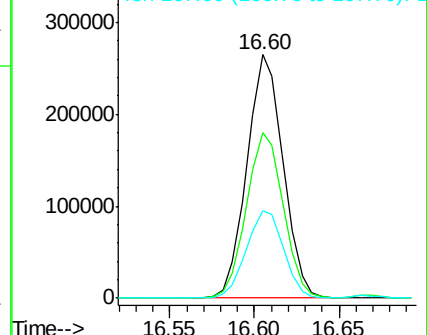
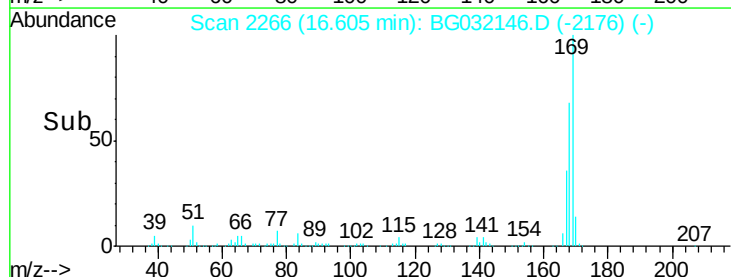
167 35.8 30.1 45.1

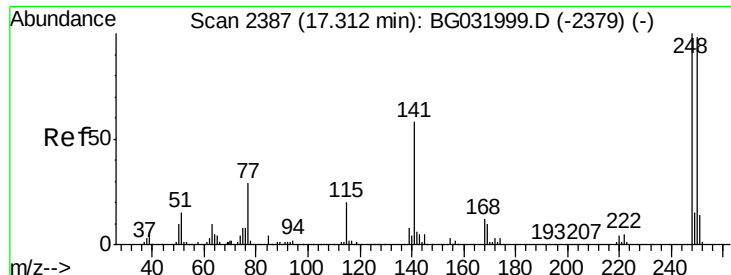


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

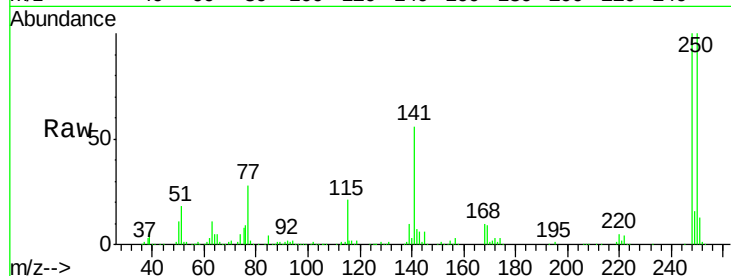




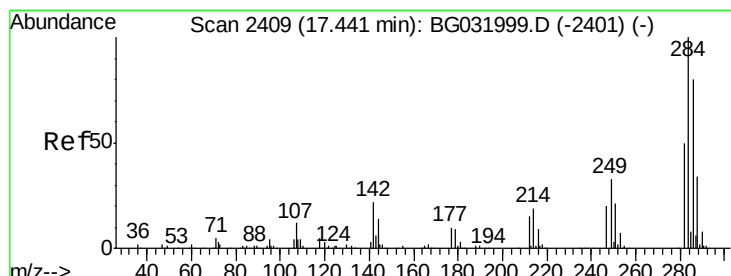
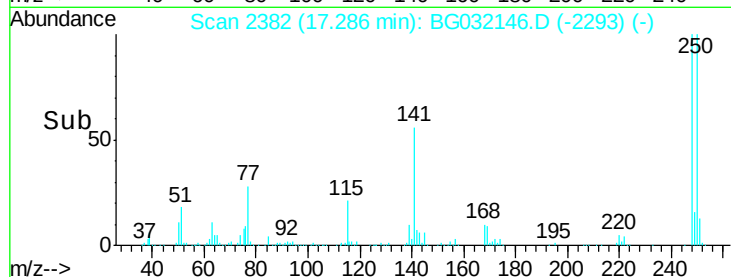
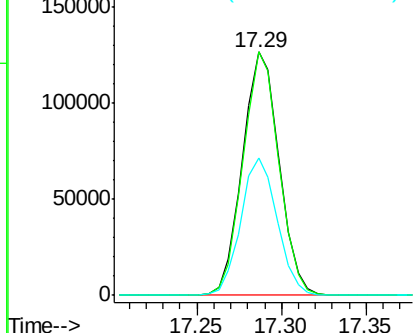
#66
4-Bromophenyl-phenylether
Concen: 41.290 ng
RT: 17.29 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MS

Tgt Ion:248 Resp: 191350
Ion Ratio Lower Upper
248 100
250 99.9 77.1 115.7
141 56.3 50.8 76.2

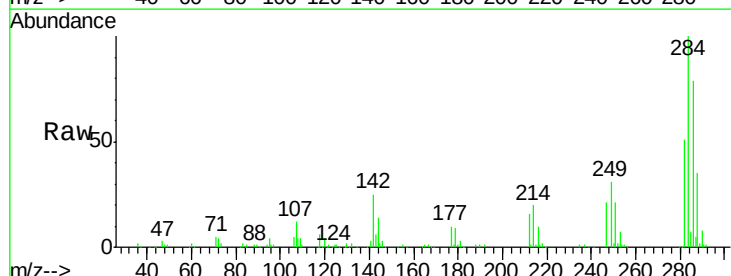


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

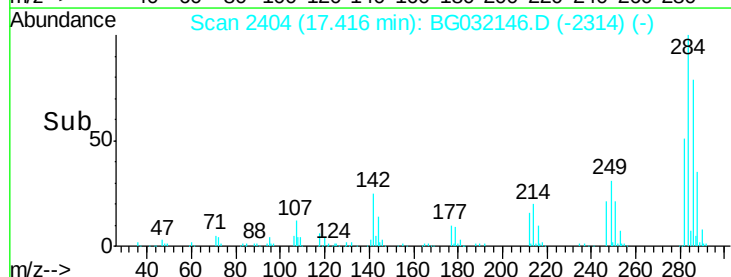
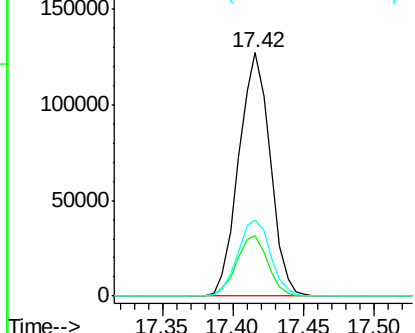


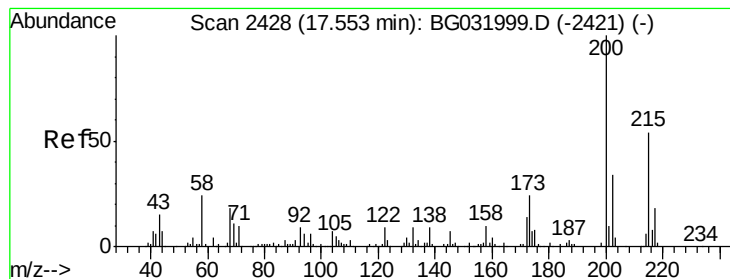
#67
Hexachlorobenzene
Concen: 38.793 ng
RT: 17.42 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

Tgt Ion:284 Resp: 198901
Ion Ratio Lower Upper
284 100
142 24.9 26.8 40.2#
249 31.5 26.3 39.5



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





#68

Atrazine

Concen: 46.558 ng

RT: 17.53 min Scan# 2424

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

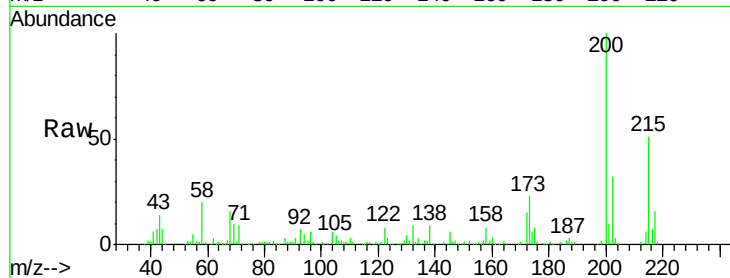
Tgt Ion:200 Resp: 193520

Ion Ratio Lower Upper

200 100

173 22.7 5.2 45.2

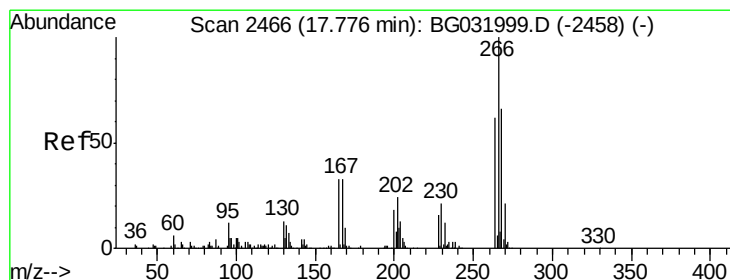
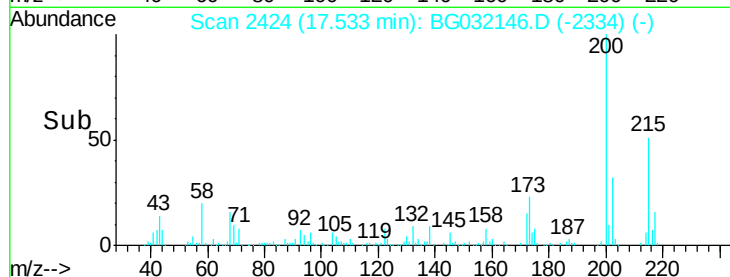
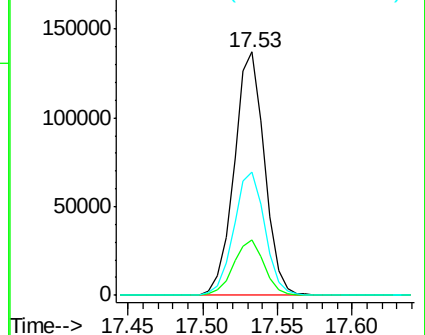
215 50.7 30.4 70.4



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



#69

Pentachlorophenol

Concen: 77.954 ng

RT: 17.75 min Scan# 2461

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

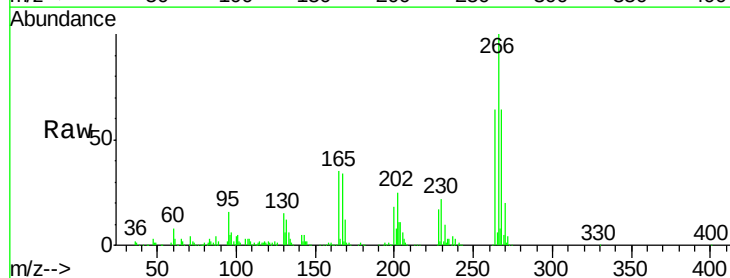
Tgt Ion:266 Resp: 255473

Ion Ratio Lower Upper

266 100

268 64.0 51.1 76.7

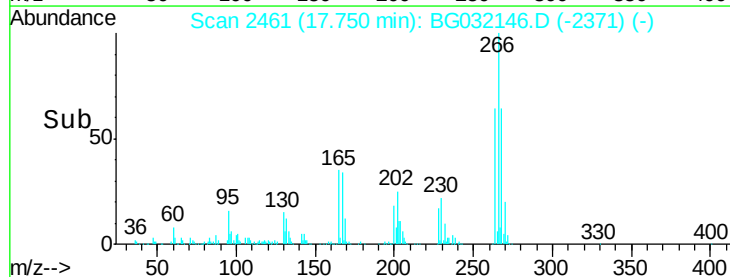
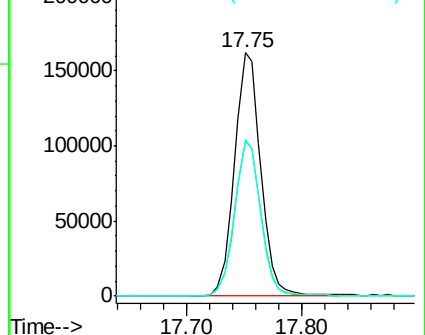
264 64.2 49.6 74.4

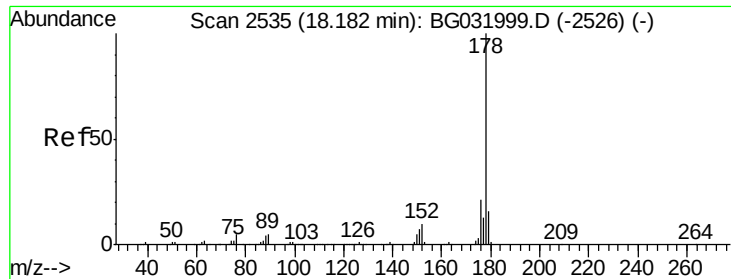


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 40.448 ng

RT: 18.16 min Scan# 2530

Delta R.T. -0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

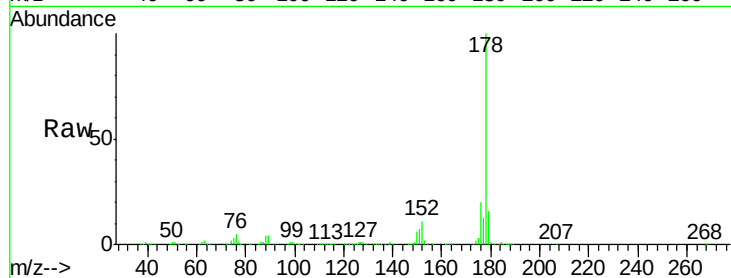
Tgt Ion:178 Resp: 733501

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

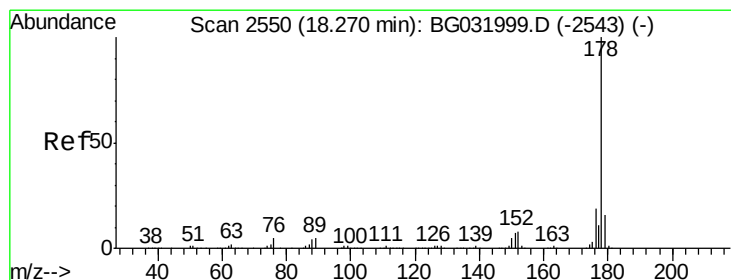
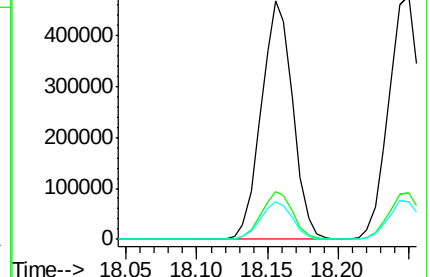
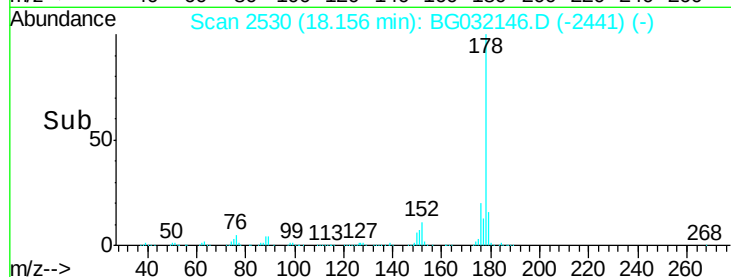
179 15.7 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 41.784 ng

RT: 18.25 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

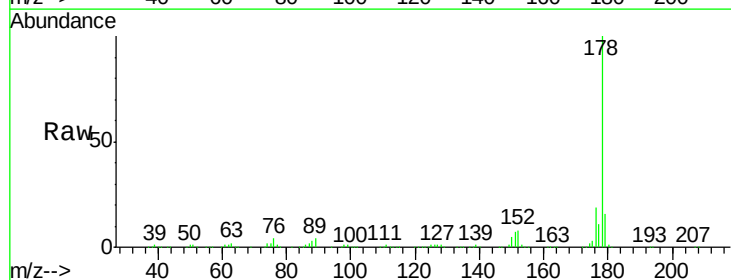
Tgt Ion:178 Resp: 755759

Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

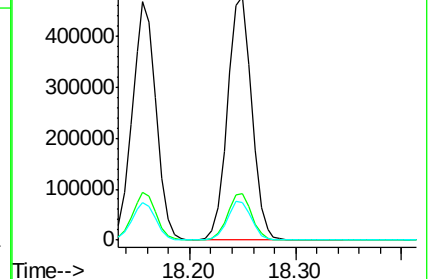
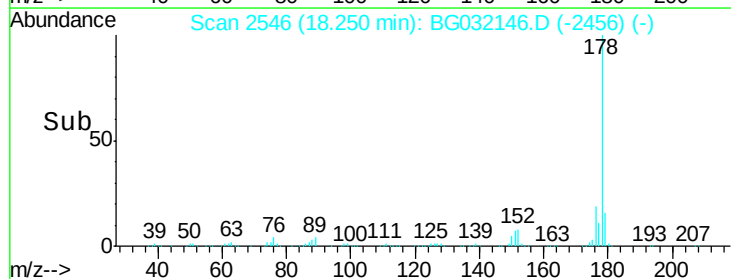
179 15.6 12.5 18.7

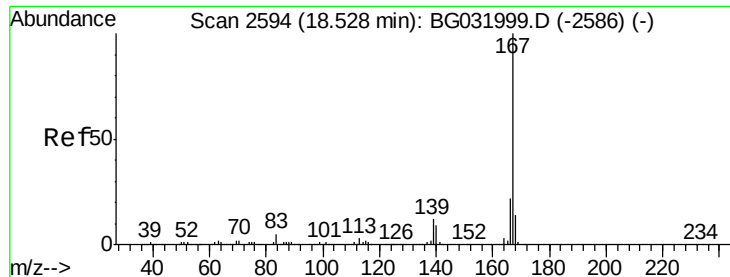


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 44.068 ng

RT: 18.50 min Scan# 2589

Delta R.T. -0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

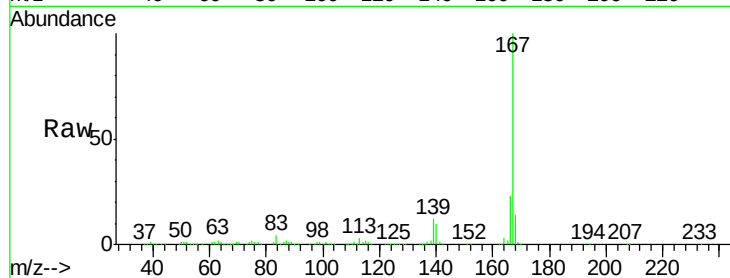
Tgt Ion:167 Resp: 691449

Ion Ratio Lower Upper

167 100

166 23.0 18.2 27.4

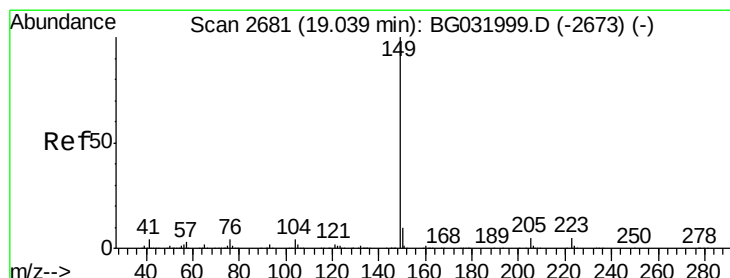
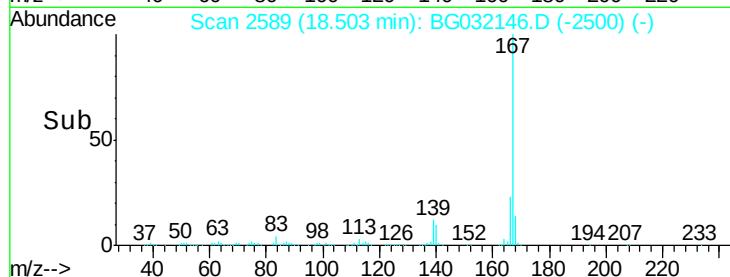
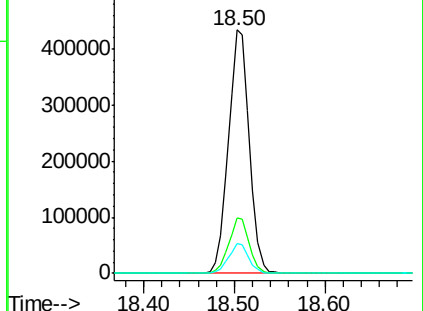
139 12.1 9.4 14.2



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



#73

Di-n-butylphthalate

Concen: 41.527 ng

RT: 19.01 min Scan# 2676

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

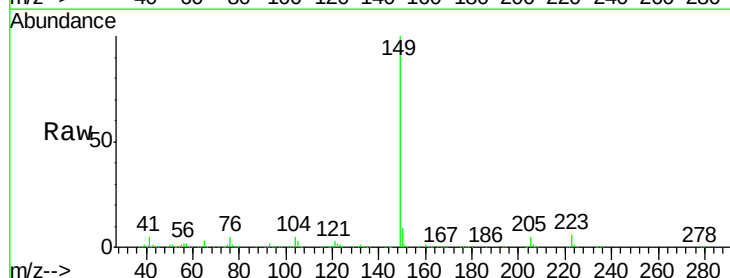
Tgt Ion:149 Resp: 769934

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

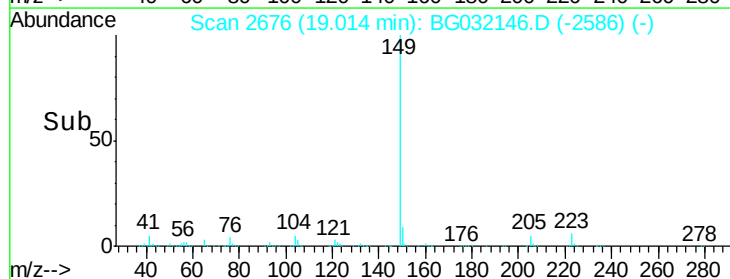
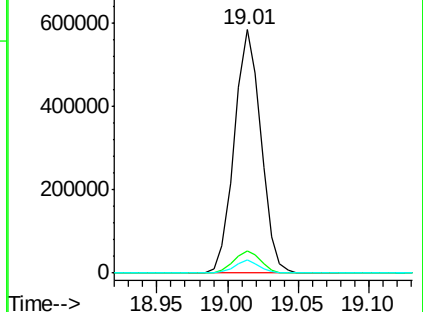
104 5.2 3.9 5.9

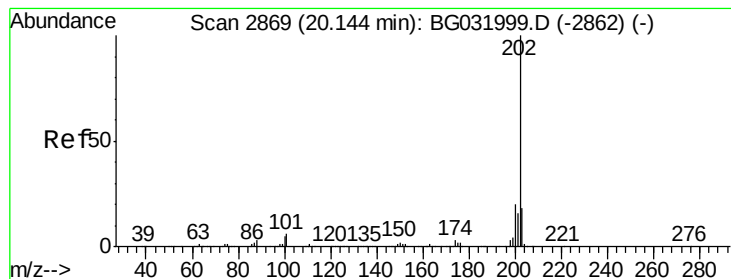


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 44.331 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

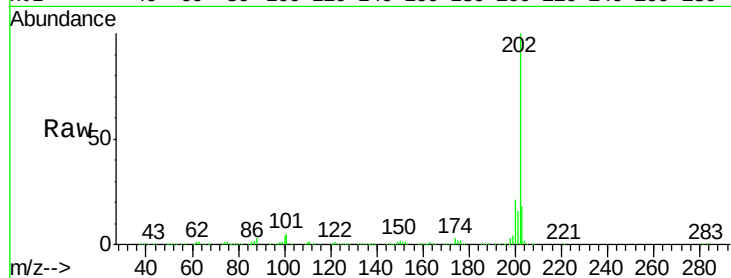
Tgt Ion:202 Resp: 1006556

Ion Ratio Lower Upper

202 100

101 5.1 0.0 28.9

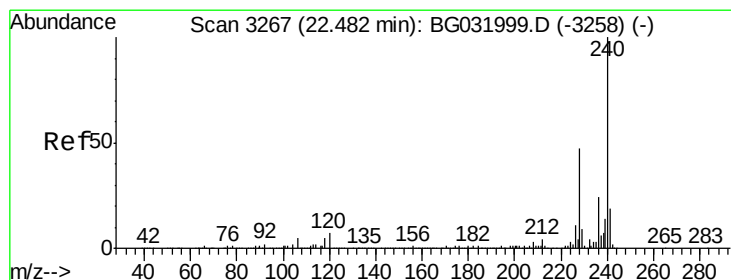
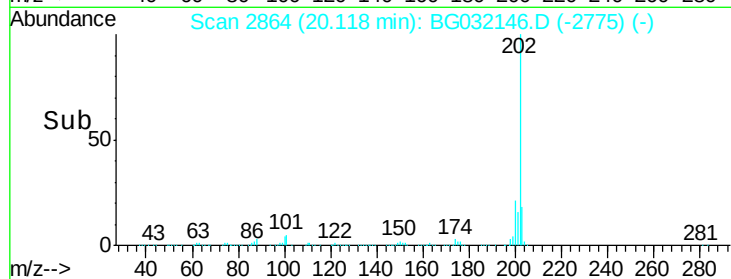
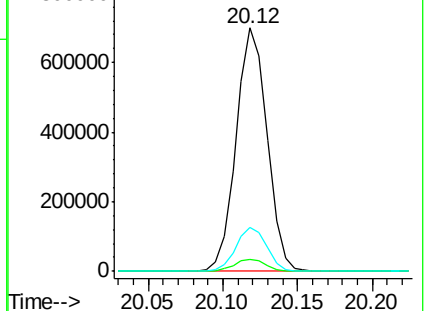
203 18.3 0.0 37.5



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.45 min Scan# 3261

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

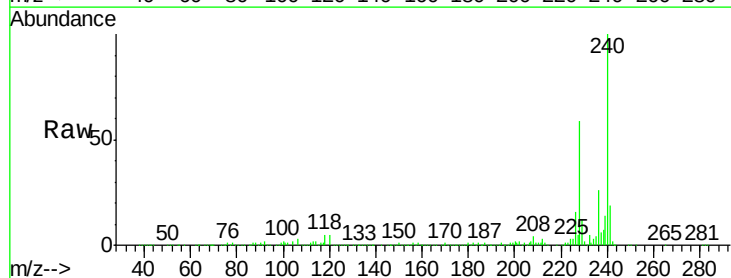
Tgt Ion:240 Resp: 409471

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

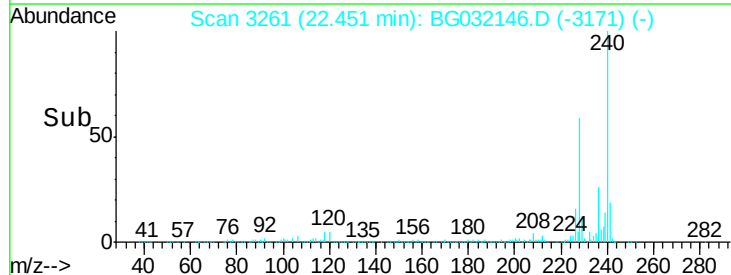
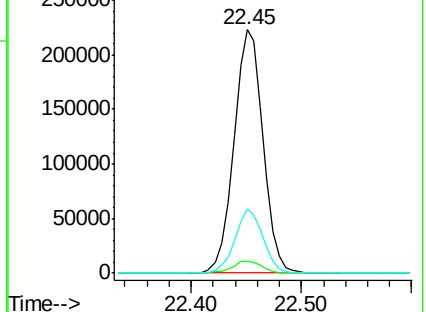
236 26.5 20.9 31.3

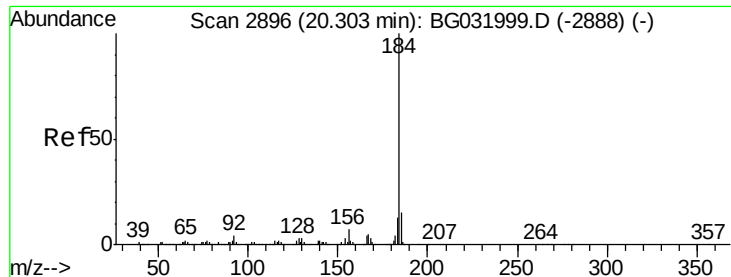


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 48.218 ng

RT: 20.28 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

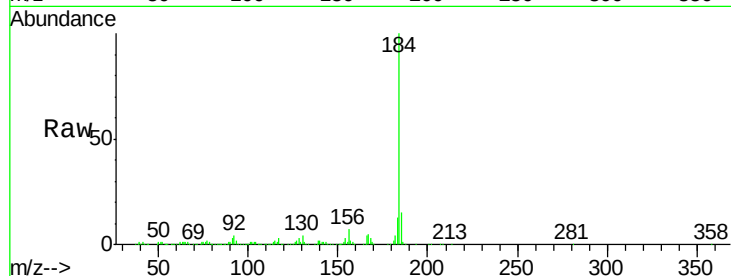
Tgt Ion:184 Resp: 493723

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

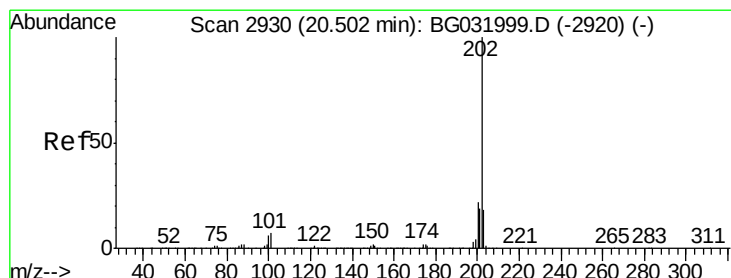
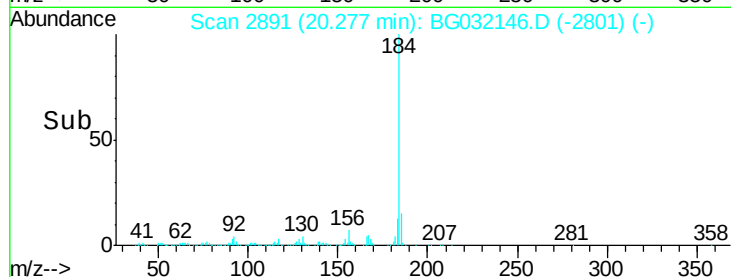
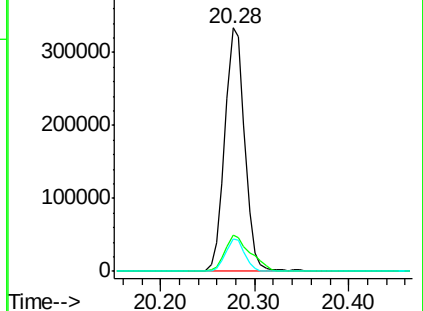
183 13.2 10.6 16.0



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



#77

Pyrene

Concen: 39.146 ng

RT: 20.48 min Scan# 2925

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

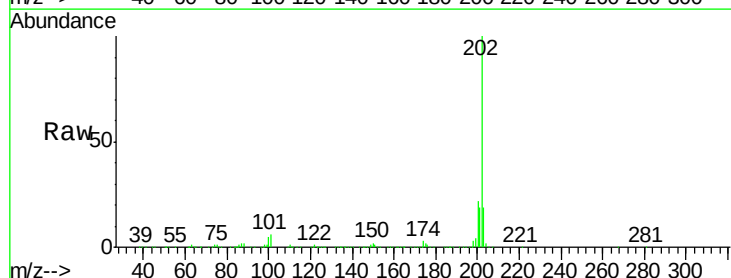
Tgt Ion:202 Resp: 1007647

Ion Ratio Lower Upper

202 100

200 21.8 16.9 25.3

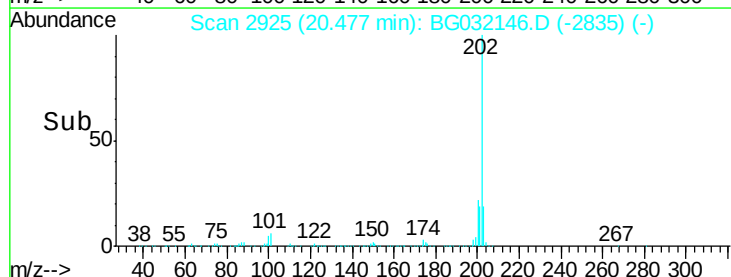
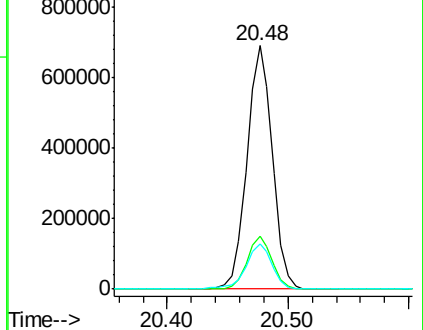
203 18.7 13.9 20.9

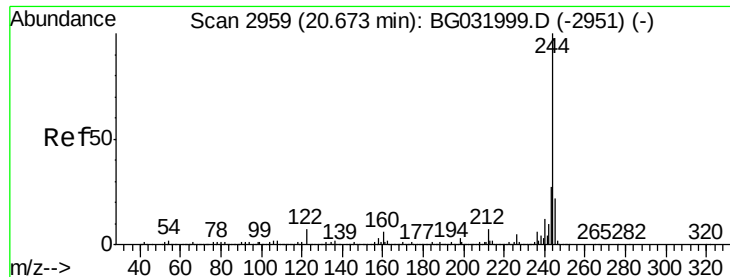


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 82.990 ng

RT: 20.65 min Scan# 2954

Delta R.T. -0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

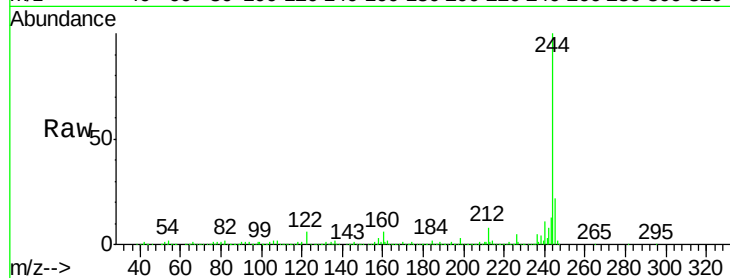
Tgt Ion:244 Resp: 1539013

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

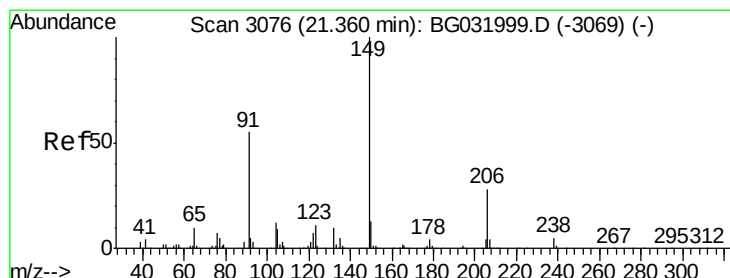
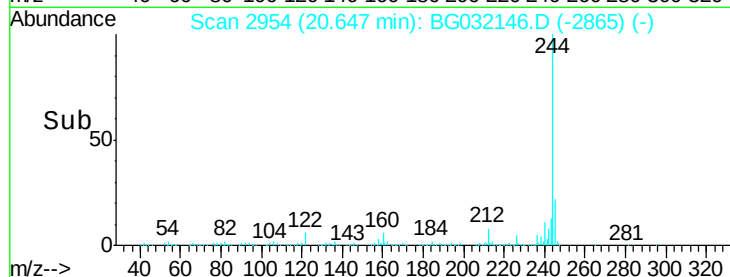
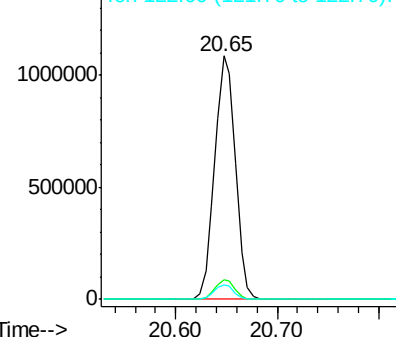
122 6.2 7.0 10.4#



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



#79

Butylbenzylphthalate

Concen: 38.527 ng

RT: 21.34 min Scan# 3072

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

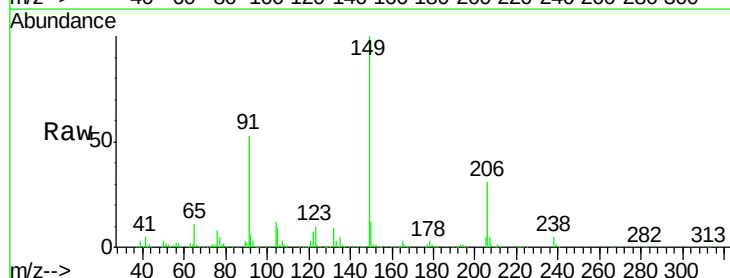
Tgt Ion:149 Resp: 355324

Ion Ratio Lower Upper

149 100

91 52.8 62.2 93.2#

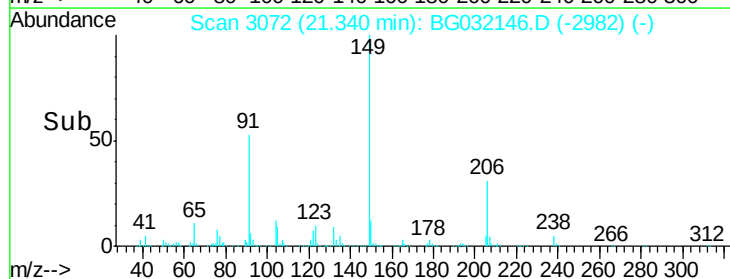
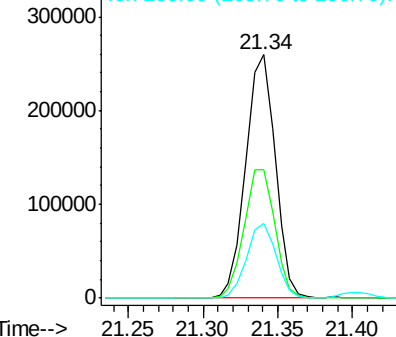
206 30.9 18.6 27.8#

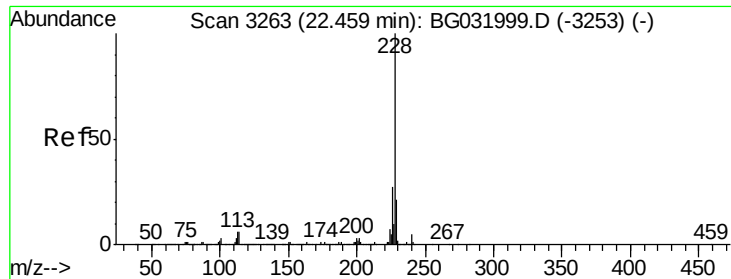


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 42.109 ng

RT: 22.43 min Scan# 3257

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

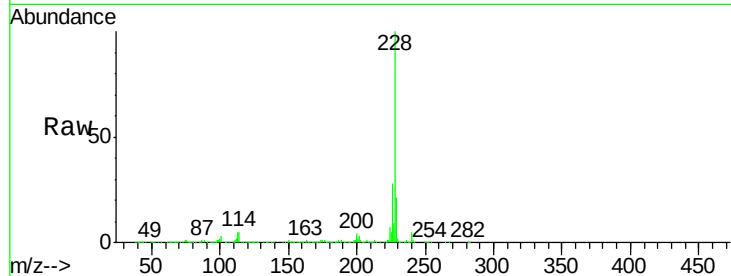
Tgt Ion:228 Resp: 1072316

Ion Ratio Lower Upper

228 100

226 27.9 22.7 34.1

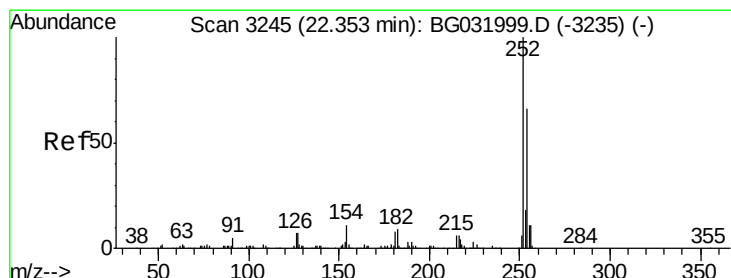
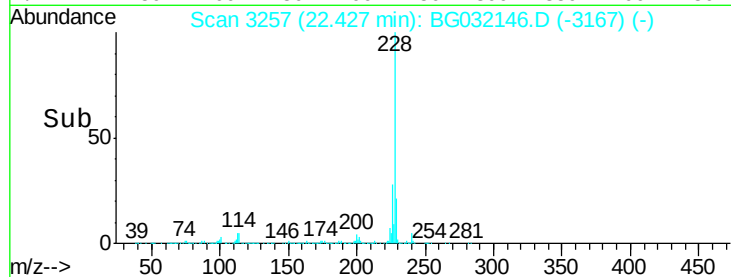
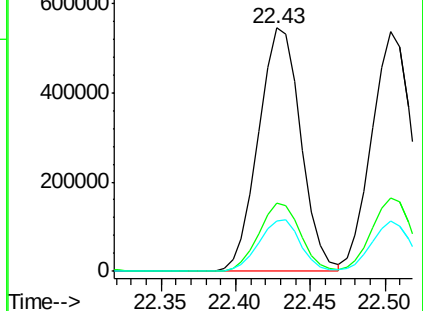
229 20.7 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 30.665 ng

RT: 22.32 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

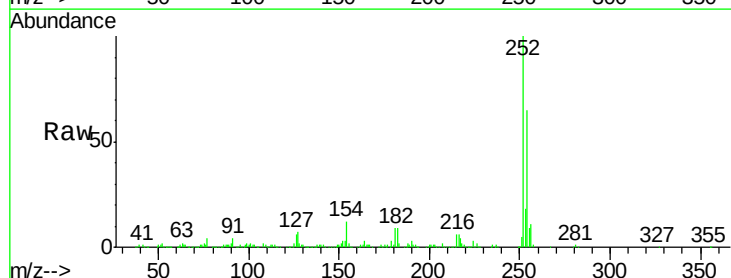
Tgt Ion:252 Resp: 291708

Ion Ratio Lower Upper

252 100

254 65.4 50.8 76.2

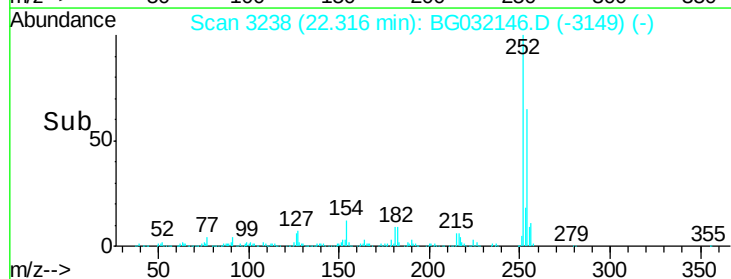
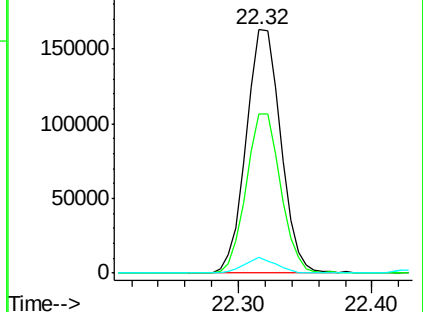
126 6.3 7.4 11.2#

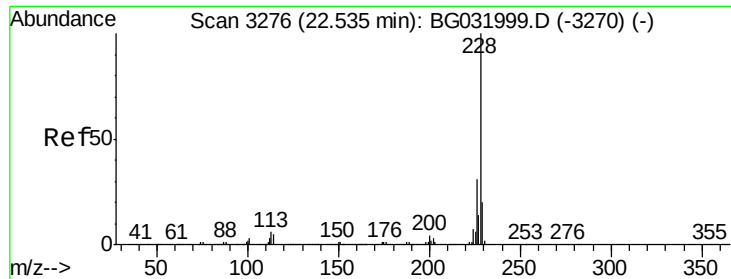


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

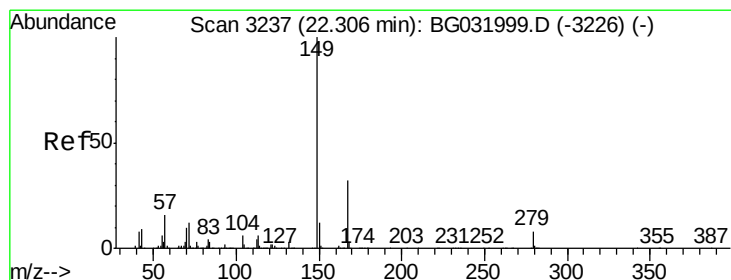
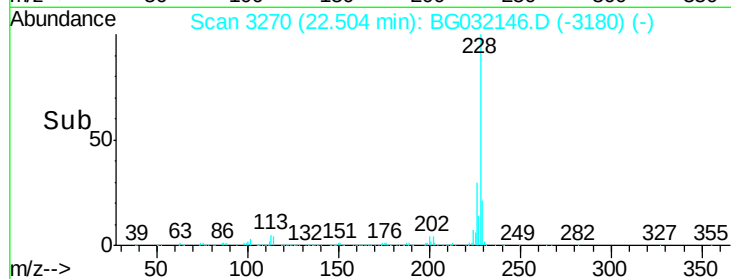
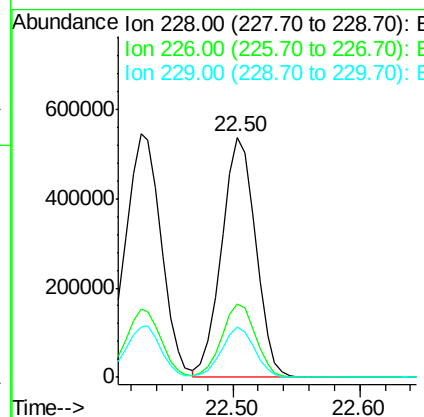
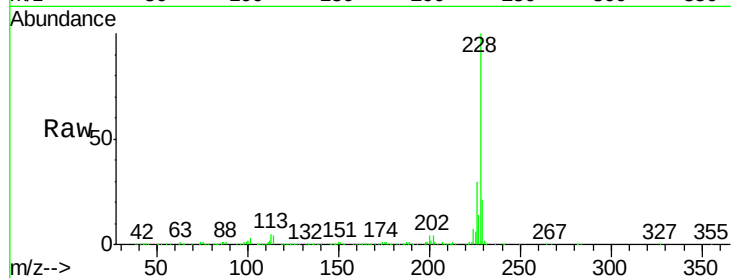




#82
Chrysene
 Concen: 40.807 ng
 RT: 22.50 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: BG032146.D
 Acq: 18 Jan 2018 21:24

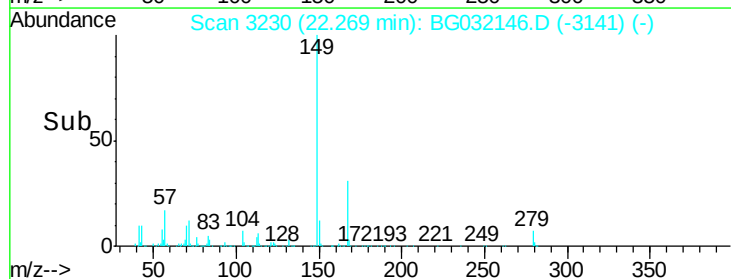
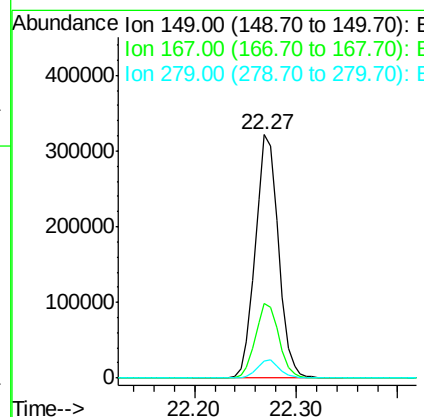
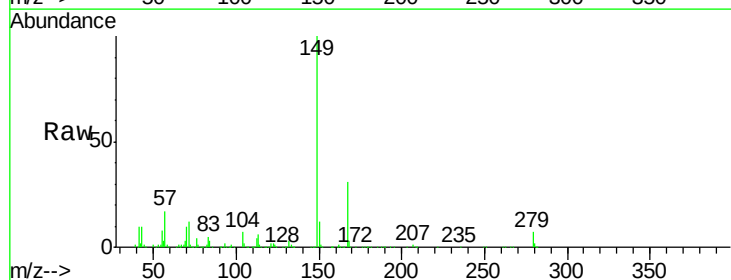
Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(34-36)MS

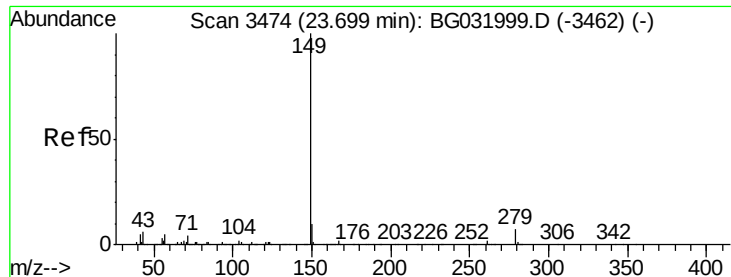
Tgt Ion: 228 Resp: 997968
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 20.9 15.0 22.4



#83
Bis(2-ethylhexyl)phthalate
 Concen: 37.609 ng
 RT: 22.27 min Scan# 3230
 Delta R.T. -0.00 min
 Lab File: BG032146.D
 Acq: 18 Jan 2018 21:24

Tgt Ion: 149 Resp: 508631
 Ion Ratio Lower Upper
 149 100
 167 30.7 24.3 36.5
 279 7.1 4.0 6.0#





#84

Di-n-octyl phthalate

Concen: 40.531 ng

RT: 23.65 min Scan# 3465

Delta R.T. -0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

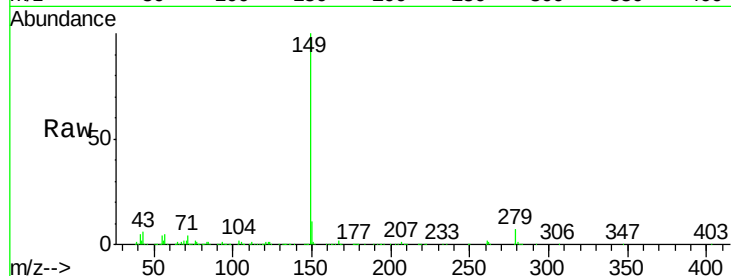
Tgt Ion:149 Resp: 870578

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

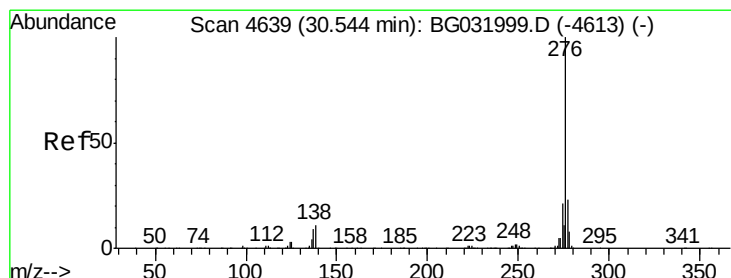
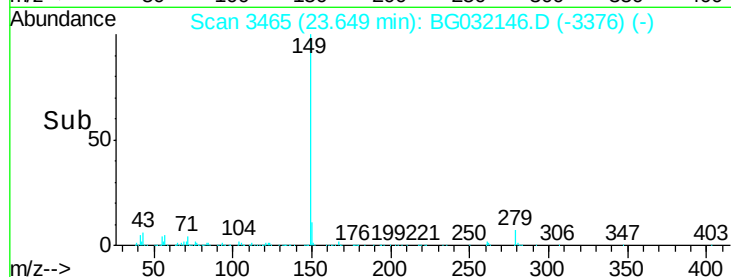
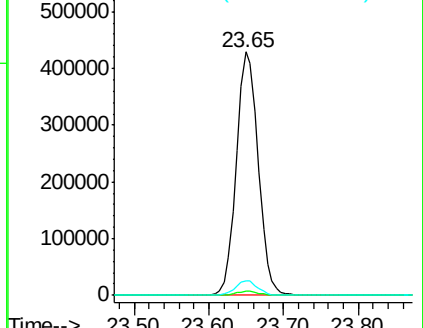
43 6.0 8.9 13.3#



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): B



#85

Indeno(1,2,3-cd)pyrene

Concen: 44.325 ng

RT: 30.45 min Scan# 4622

Delta R.T. 0.01 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

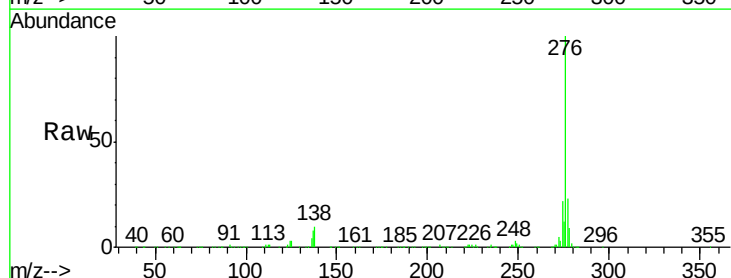
Tgt Ion:276 Resp: 1326589

Ion Ratio Lower Upper

276 100

138 8.5 16.0 24.0#

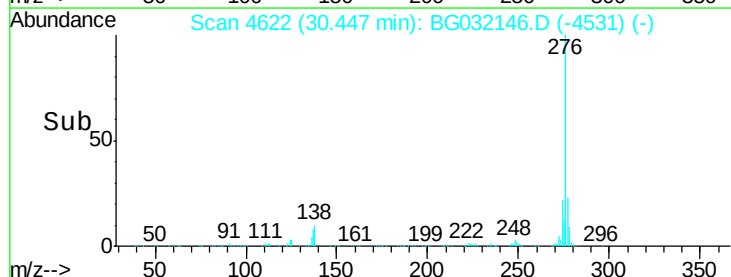
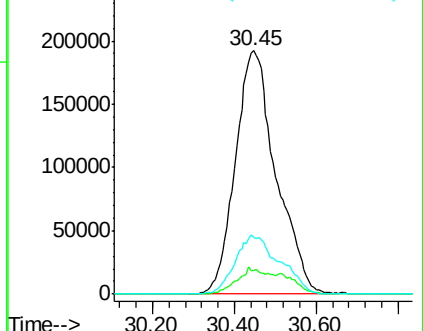
277 26.5 20.0 30.0

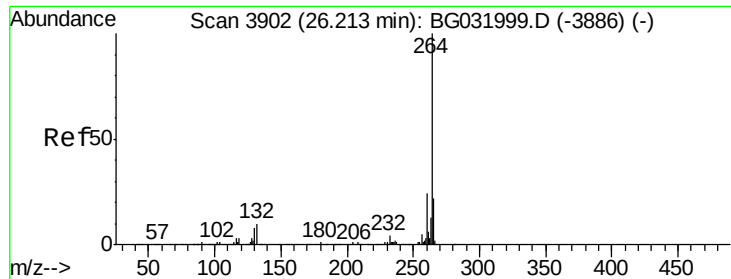


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

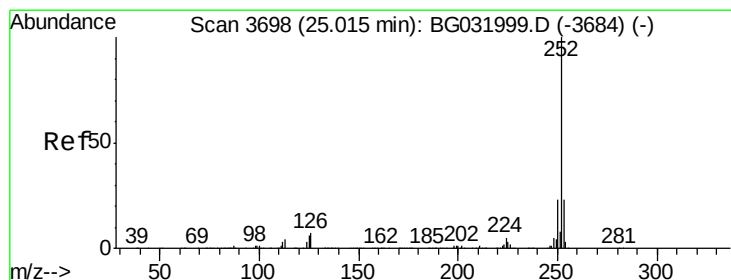
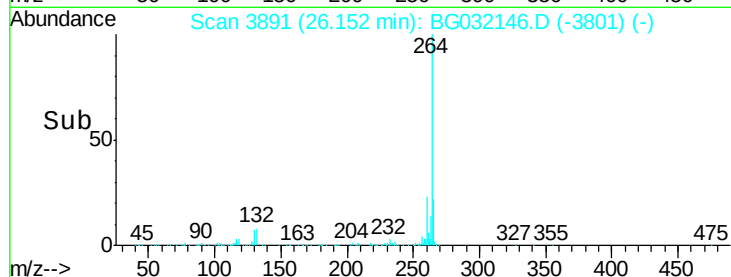
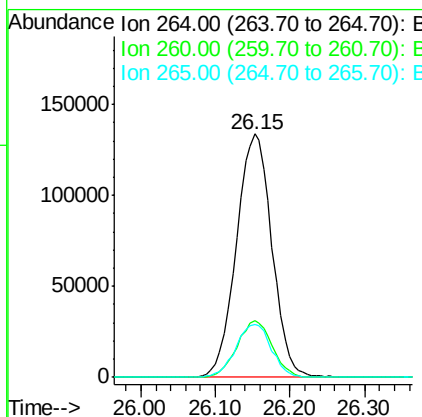
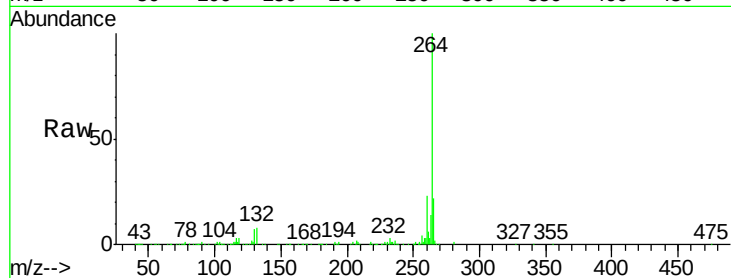




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.15 min Scan# 3891
Delta R.T. 0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

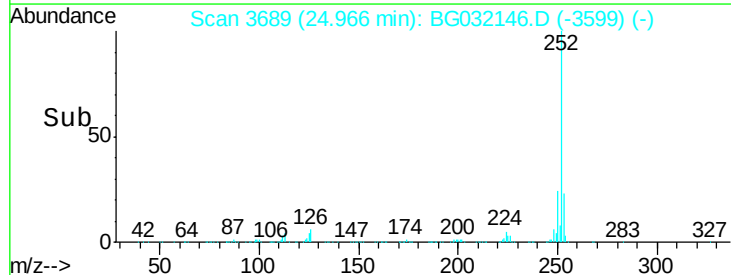
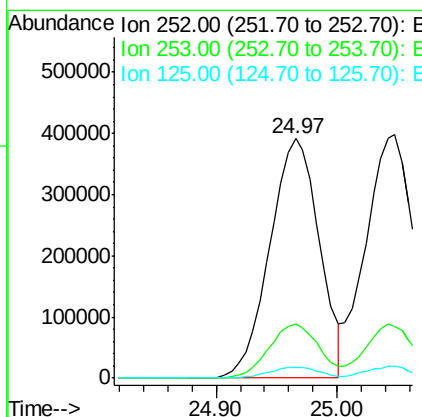
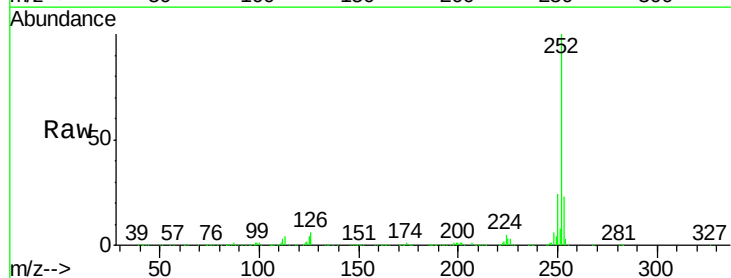
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MS

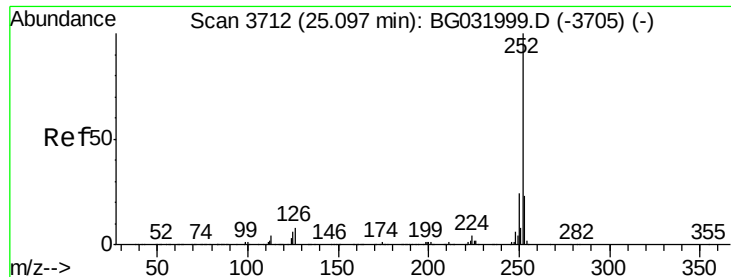
Tgt Ion:264 Resp: 441095
Ion Ratio Lower Upper
264 100
260 23.3 17.4 26.0
265 21.6 17.7 26.5



#87
Benzo(b)fluoranthene
Concen: 41.556 ng
RT: 24.97 min Scan# 3689
Delta R.T. 0.00 min
Lab File: BG032146.D
Acq: 18 Jan 2018 21:24

Tgt Ion:252 Resp: 1107959
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 4.4 7.2 10.8#





#88

Benzo(k)fluoranthene

Concen: 42.836 ng

RT: 25.05 min Scan# 3703

Delta R.T. 0.01 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

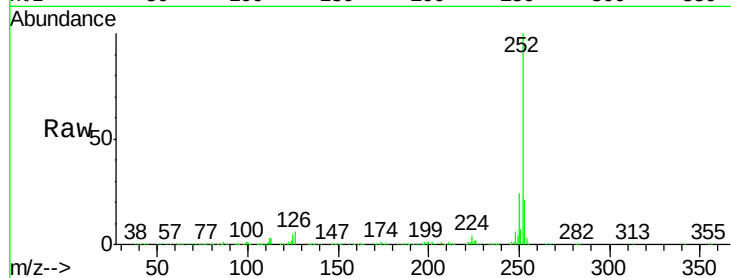
Tgt Ion:252 Resp: 1115991

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

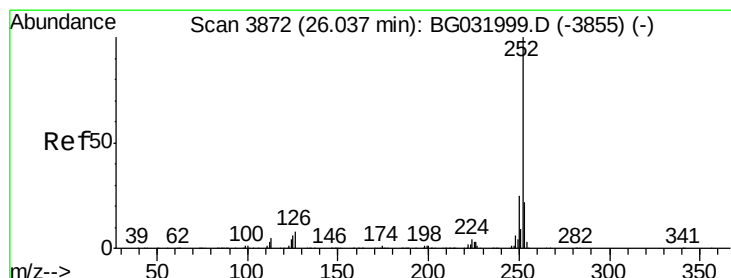
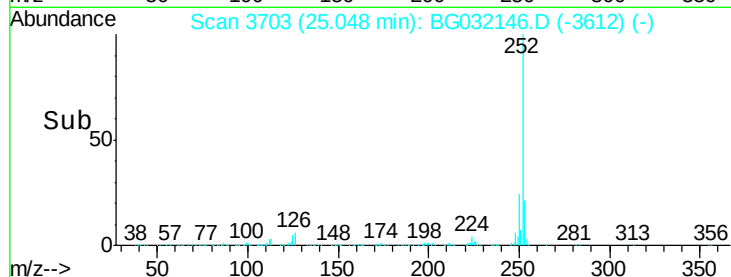
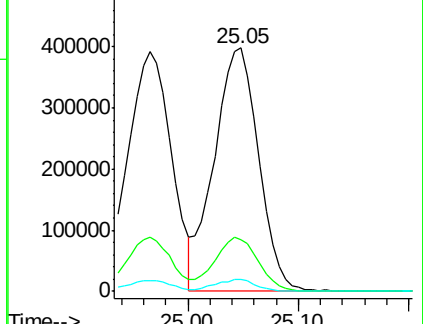
125 4.7 6.6 9.8#



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(a)pyrene

Concen: 43.792 ng

RT: 25.98 min Scan# 3861

Delta R.T. 0.00 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

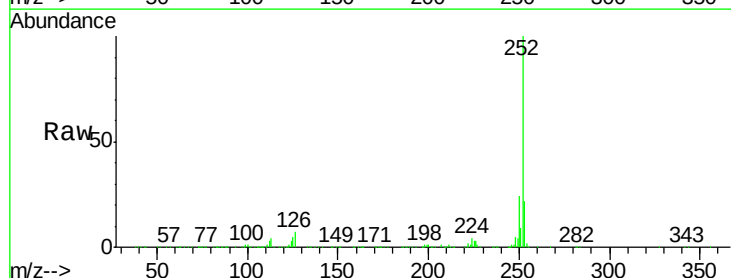
Tgt Ion:252 Resp: 1104493

Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

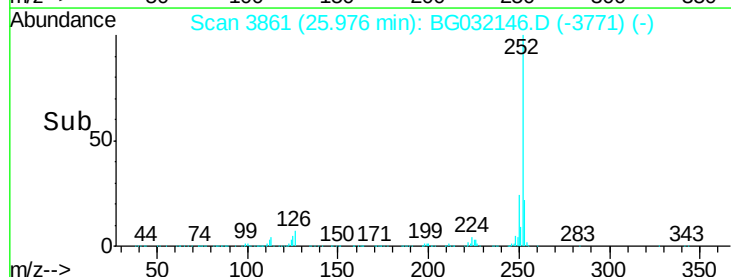
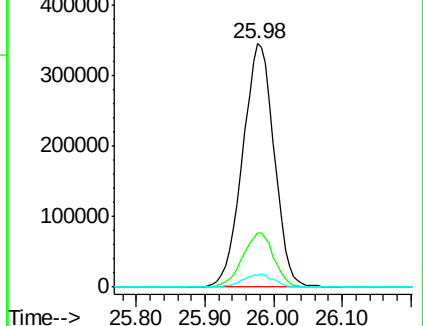
125 5.0 7.3 10.9#

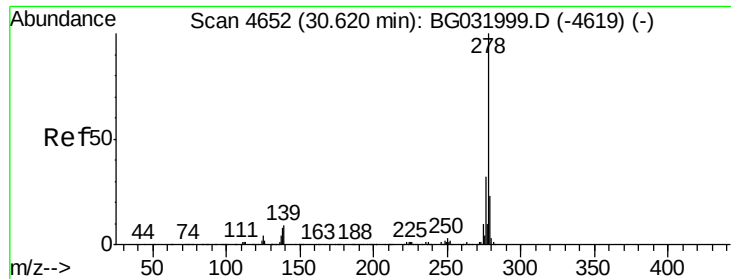


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 45.549 ng

RT: 30.52 min Scan# 4635

Delta R.T. 0.01 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(34-36)MS

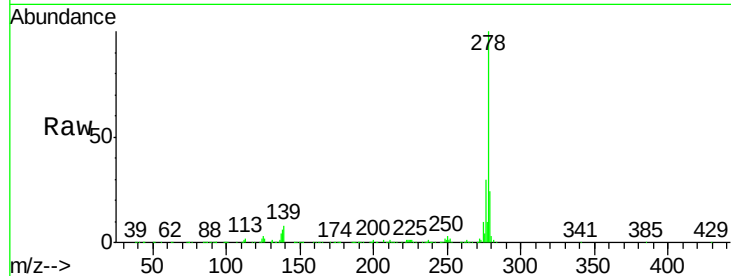
Tgt Ion:278 Resp: 1107027

Ion Ratio Lower Upper

278 100

139 8.2 9.8 14.6#

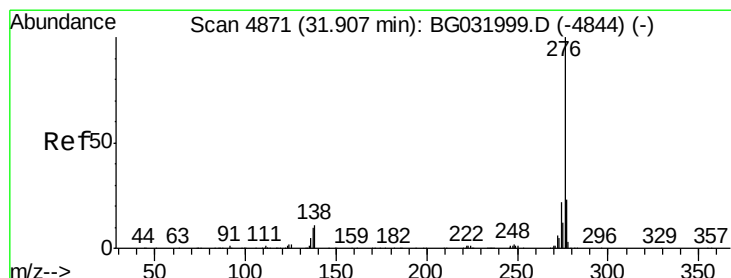
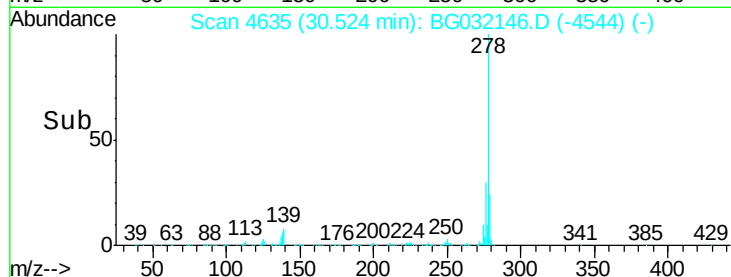
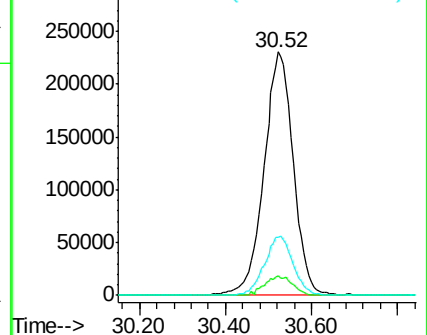
279 23.7 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 44.416 ng

RT: 31.80 min Scan# 4852

Delta R.T. 0.01 min

Lab File: BG032146.D

Acq: 18 Jan 2018 21:24

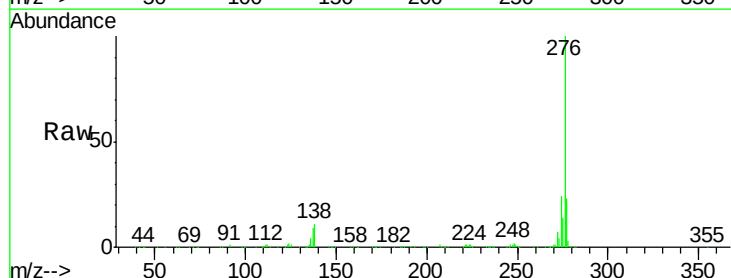
Tgt Ion:276 Resp: 1103329

Ion Ratio Lower Upper

276 100

277 23.3 18.3 27.5

138 10.6 13.9 20.9#



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

