

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
 Data File : BG031642.D
 Acq On : 18 Dec 2017 20:13
 Operator : SJ/JU
 Sample : I6680-12MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-121417-AMS

Quant Time: Dec 19 09:46:52 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	69365	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	301464	20.00	ng	-0.01
38) Acenaphthene-d10	14.72	164	201647	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	514622	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	549115	20.00	ng	-0.01
86) Perylene-d12	25.01	264	444588	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	534775	136.65	ng	0.00
7) Phenol-d6	7.27	99	635724	117.02	ng	0.00
23) Nitrobenzene-d5	9.27	82	433734	88.68	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	382326	161.84	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1258885	91.64	ng	0.00
78) Terphenyl-d14	20.06	244	2260289	93.65	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	57125	30.594	ng	# 79
3) Pyridine	3.92	79	174906	35.578	ng	86
4) n-Nitrosodimethylamine	3.83	42	76240	32.924	ng	# 93
6) Aniline	7.42	93	43232	6.043	ng	# 88
8) 2-Chlorophenol	7.67	128	199063	45.603	ng	86
9) Benzaldehyde	7.23	77	84797	26.928	ng	87
10) Phenol	7.29	94	220366	39.486	ng	93
11) bis(2-Chloroethyl)ether	7.51	93	181744	39.900	ng	87
12) 1,3-Dichlorobenzene	7.99	146	215484m	41.511	ng	
13) 1,4-Dichlorobenzene	8.13	146	219403	40.668	ng	95
14) 1,2-Dichlorobenzene	8.45	146	212728	41.393	ng	97
15) Benzyl Alcohol	8.34	79	135514	31.888	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	247473	48.361	ng	90
17) 2-Methylphenol	8.55	107	165730	43.565	ng	98
18) Hexachloroethane	9.18	117	76377	41.999	ng	92
19) n-Nitroso-di-n-propylamine	8.90	70	143383	33.532	ng	# 92
20) 3+4-Methylphenols	8.88	107	226161	39.907	ng	94
22) Acetophenone	8.92	105	302759	41.863	ng	# 93
24) Nitrobenzene	9.31	77	217680	43.433	ng	# 87
25) Isophorone	9.83	82	399308	43.200	ng	# 91
26) 2-Nitrophenol	10.02	139	118971	48.006	ng	# 87
27) 2,4-Dimethylphenol	10.08	122	198919	52.837	ng	92
28) bis(2-Chloroethoxy)methane	10.30	93	242901	40.704	ng	# 95
29) 2,4-Dichlorophenol	10.57	162	233199	52.575	ng	92
30) 1,2,4-Trichlorobenzene	10.77	180	256516	45.275	ng	98
31) Naphthalene	10.96	128	618186	41.741	ng	99
32) Benzoic acid	10.27	122	70280	36.082	ng	85
33) 4-Chloroaniline	11.10	127	19576	3.044	ng	96
34) Hexachlorobutadiene	11.24	225	169133	45.004	ng	96
35) Caprolactam	11.85	113	64339	36.941	ng	# 69
36) 4-Chloro-3-methylphenol	12.21	107	226662	44.769	ng	# 86
37) 2-Methylnaphthalene	12.56	142	489912	42.724	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	342666	43.481	ng	# 96
40) Hexachlorocyclopentadiene	12.90	237	219533	80.632	ng	92

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Quant Time: Dec 19 09:46:52 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

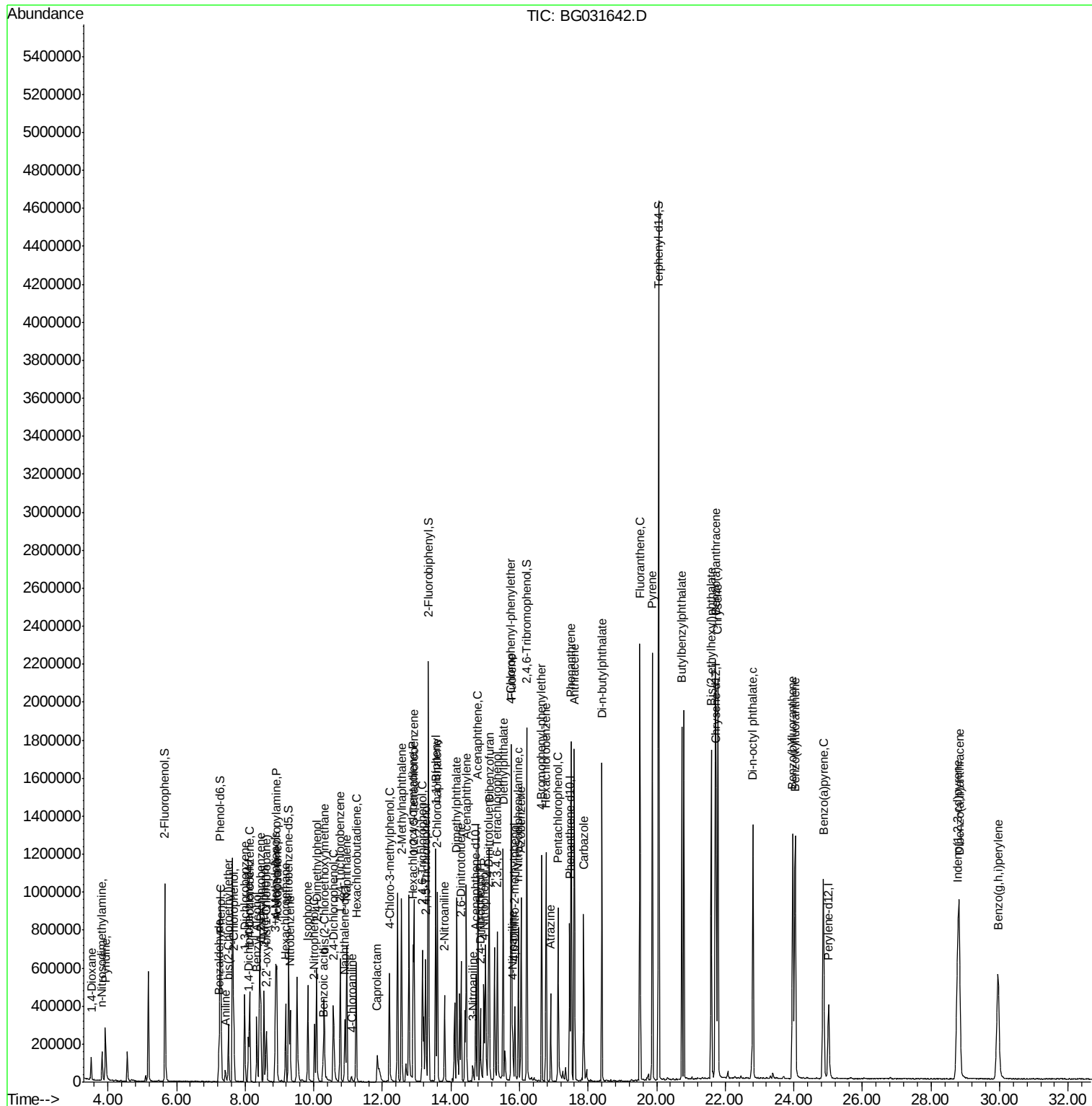
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42) 2,4,6-Trichlorophenol	13.17	196	210264	52.221	ng	98
43) 2,4,5-Trichlorophenol	13.26	196	229039	52.807	ng #	93
45) 1,1'-Biphenyl	13.56	154	699849	42.256	ng	96
46) 2-Chloronaphthalene	13.61	162	545979	45.040	ng	96
47) 2-Nitroaniline	13.82	65	133630	39.230	ng #	75
48) Acenaphthylene	14.45	152	808410	41.446	ng	99
49) Dimethylphthalate	14.17	163	737189	44.158	ng	99
50) 2,6-Dinitrotoluene	14.30	165	170556	47.797	ng #	74
51) Acenaphthene	14.79	154	514990	41.756	ng	99
52) 3-Nitroaniline	14.64	138	29684	8.161	ng #	83
53) 2,4-Dinitrophenol	14.86	184	135058	89.487	ng #	50
54) Dibenzofuran	15.12	168	854813	43.434	ng	99
55) 4-Nitrophenol	14.96	139	201611	81.937	ng #	78
56) 2,4-Dinitrotoluene	15.10	165	244168	48.177	ng #	71
57) Fluorene	15.77	166	684511	43.407	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	218505	53.597	ng #	88
59) Diethylphthalate	15.53	149	721356	43.108	ng	96
60) 4-Chlorophenyl-phenylether	15.75	204	419577	43.488	ng	90
61) 4-Nitroaniline	15.80	138	98729	25.864	ng	87
62) Azobenzene	16.05	77	541494	39.064	ng	90
64) 4,6-Dinitro-2-methylphenol	15.86	198	119592	39.376	ng	79
65) n-Nitrosodiphenylamine	15.97	169	347884	23.095	ng	99
66) 4-Bromophenyl-phenylether	16.64	248	282602	47.225	ng	98
67) Hexachlorobenzene	16.78	284	289336	46.823	ng #	94
68) Atrazine	16.91	200	103026	18.706	ng	98
69) Pentachlorophenol	17.12	266	231761	78.165	ng	99
70) Phenanthrene	17.51	178	1181341	43.954	ng	98
71) Anthracene	17.60	178	1227090	46.164	ng	98
72) Carbazole	17.87	167	672990	27.977	ng	99
73) Di-n-butylphthalate	18.41	149	1237405	44.545	ng	99
74) Fluoranthene	19.51	202	1532773	45.570	ng	96
77) Pyrene	19.87	202	1566911	45.924	ng	96
79) Butylbenzylphthalate	20.73	149	573513	47.914	ng #	84
80) Benzo(a)anthracene	21.71	228	1502957	45.346	ng	98
82) Chrysene	21.78	228	1422346	44.765	ng	96
83) Bis(2-ethylhexyl)phthalate	21.59	149	788575	45.792	ng	99
84) Di-n-octyl phthalate	22.81	149	1257576	44.272	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.78	276	1431653	42.161	ng #	87
87) Benzo(b)fluoranthene	23.97	252	1409111	53.014	ng #	98
88) Benzo(k)fluoranthene	24.03	252	1345901	49.619	ng	98
89) Benzo(a)pyrene	24.86	252	1285407	50.979	ng	98
90) Dibenzo(a,h)anthracene	28.82	278	1215706	50.420	ng	97
91) Benzo(g,h,i)perylene	29.96	276	1165195	49.154	ng	97

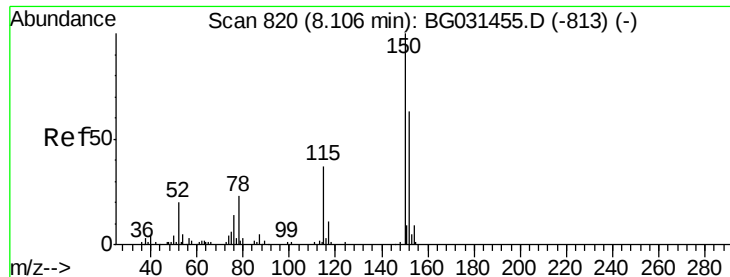
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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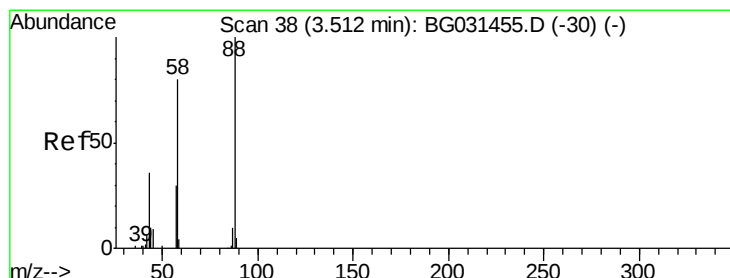
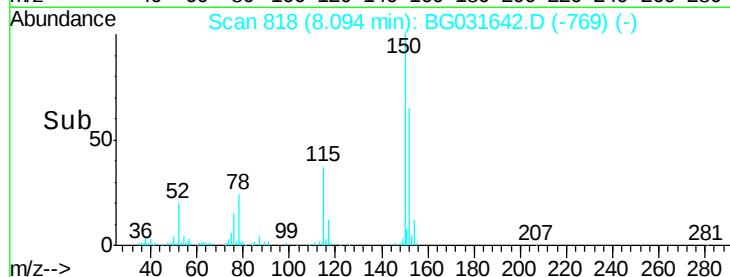
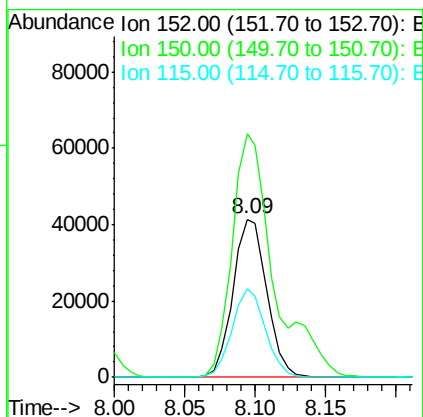
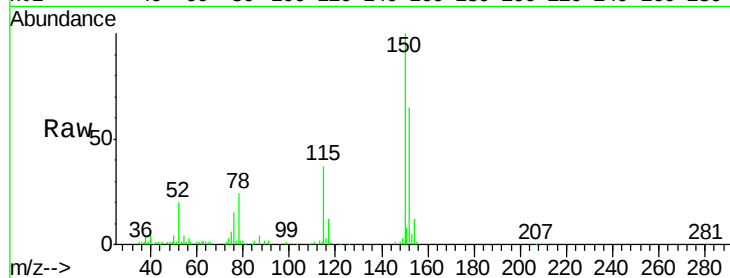


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

Instrument :
BNA_G
ClientSampleId :
CL-02-121417-AMS

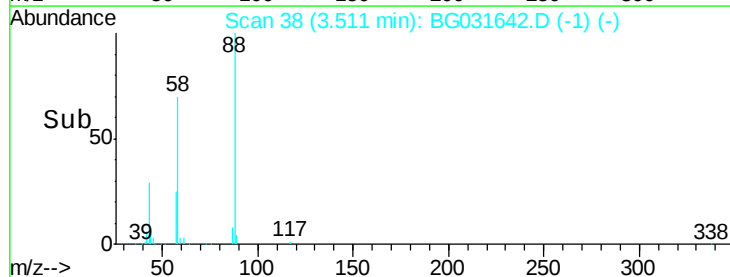
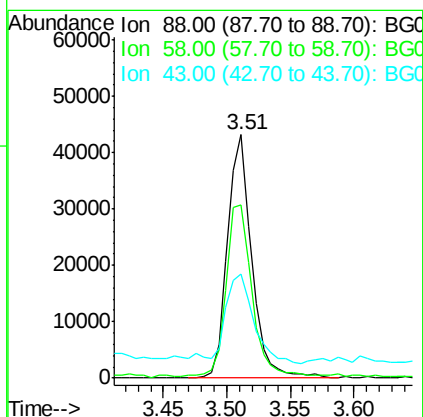
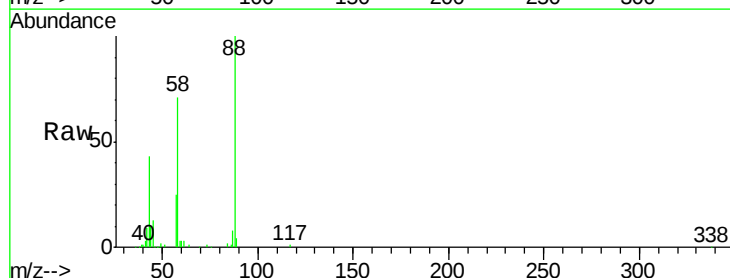
Tgt Ion:152 Resp: 69365
Ion Ratio Lower Upper
152 100
150 153.7 126.6 189.8
115 56.4 53.0 79.4

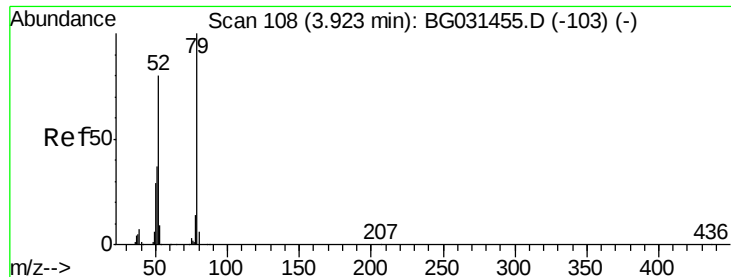


#2

1,4-Dioxane
Concen: 30.594 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.00 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

Tgt Ion: 88 Resp: 57125
Ion Ratio Lower Upper
88 100
58 75.4 79.6 119.4#
43 41.1 27.4 41.0#





#3

Pyridine

Concen: 35.578 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

Instrument :

BNA_G

ClientSampleId :

CL-02-121417-AMS

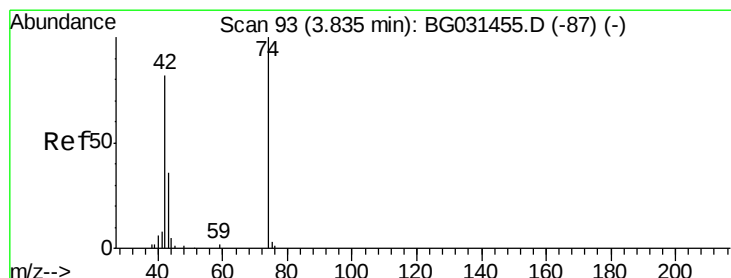
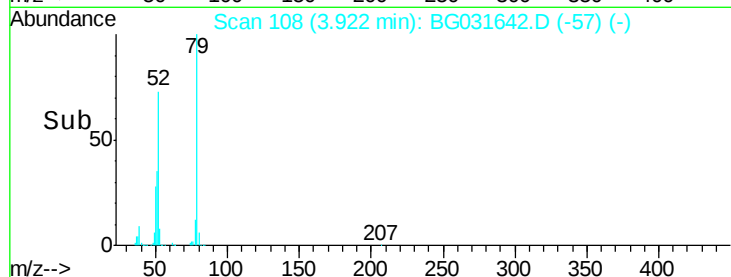
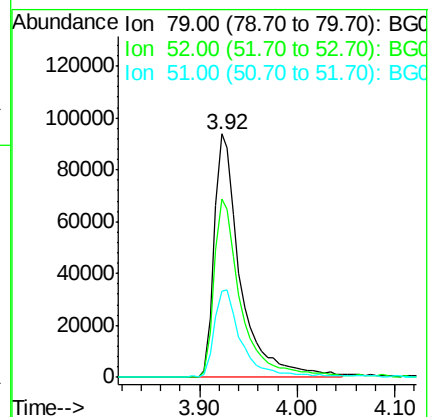
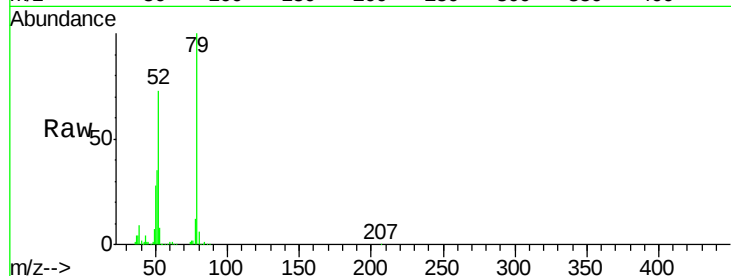
Tgt Ion: 79 Resp: 174906

Ion Ratio Lower Upper

79 100

52 73.5 69.9 104.9

51 35.3 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 32.924 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

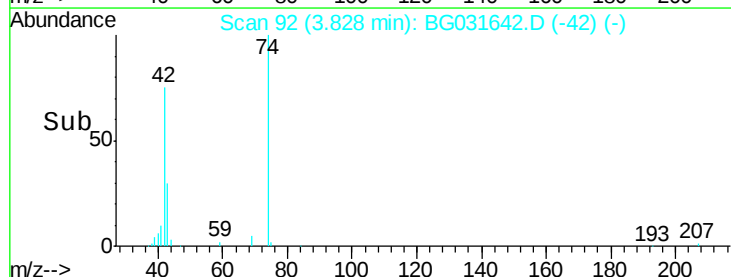
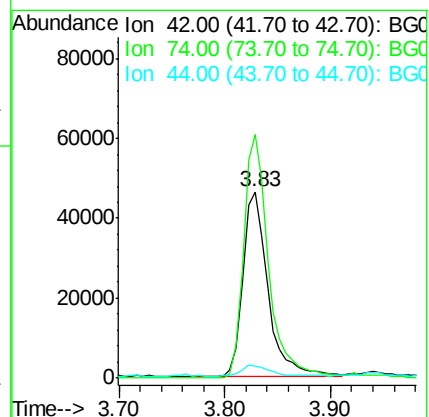
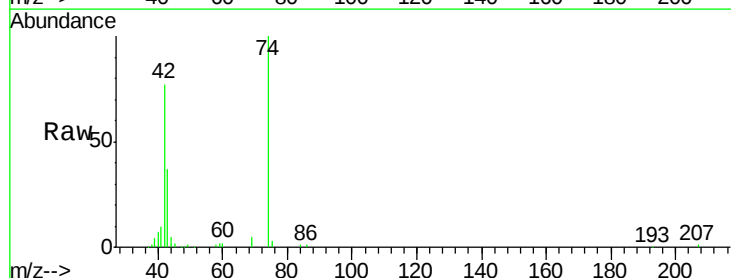
Tgt Ion: 42 Resp: 76240

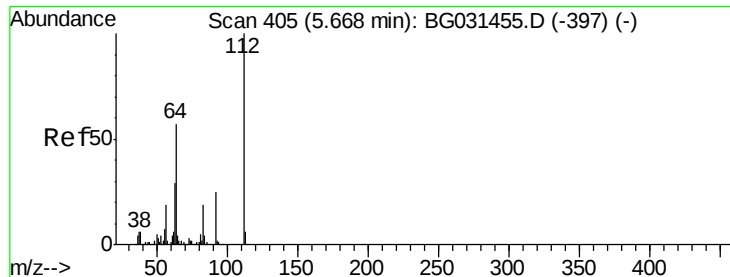
Ion Ratio Lower Upper

42 100

74 130.7 102.5 153.7

44 6.5 18.9 28.3#





#5

2-Fluorophenol

Concen: 136.654 ng

RT: 5.66 min Scan# 404

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

Instrument :

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ClientSampleId :

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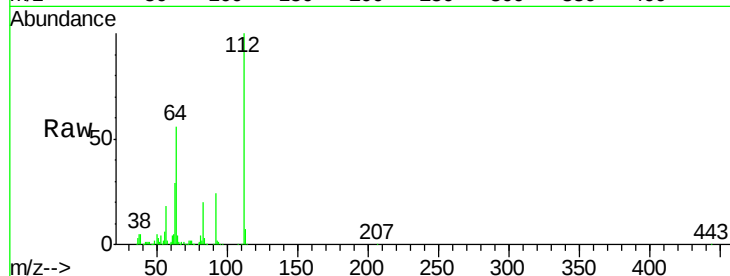
Tgt Ion: 112 Resp: 534775

Ion Ratio Lower Upper

112 100

64 55.6 56.3 84.5#

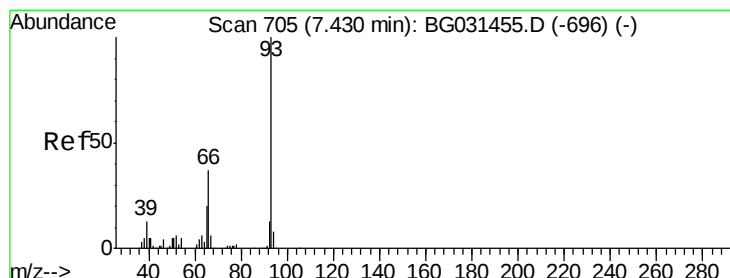
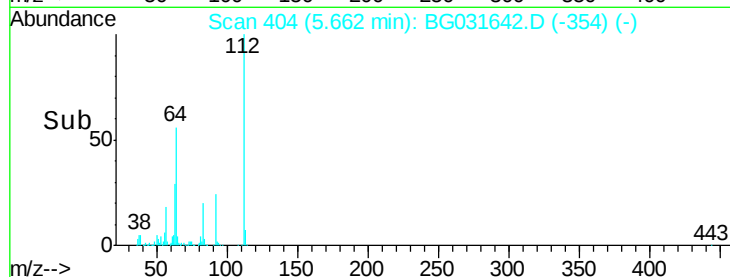
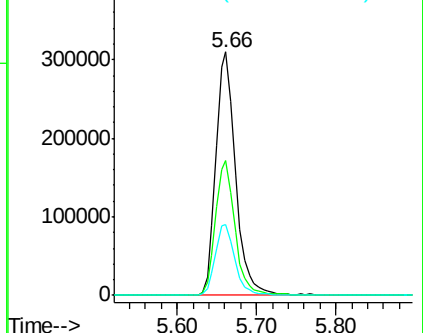
63 29.2 30.1 45.1#



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: 6.043 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

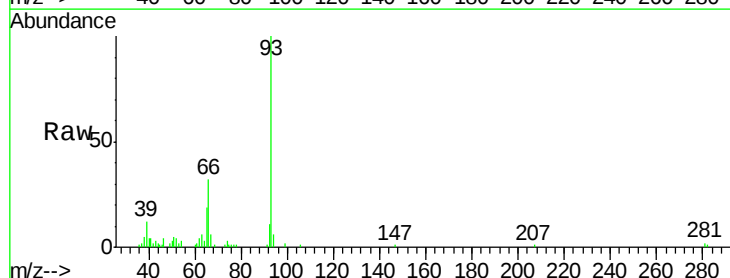
Tgt Ion: 93 Resp: 43232

Ion Ratio Lower Upper

93 100

66 31.9 33.7 50.5#

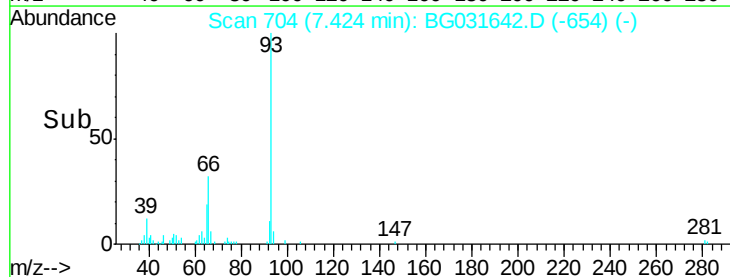
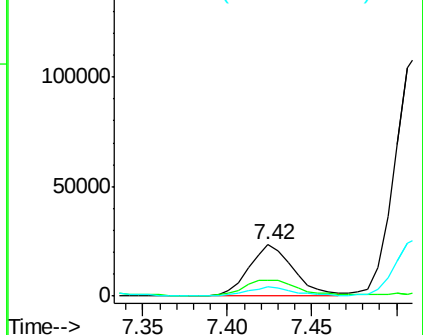
65 18.9 16.1 24.1

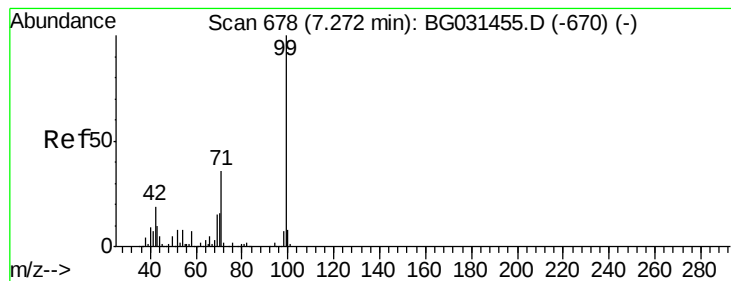


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.019 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

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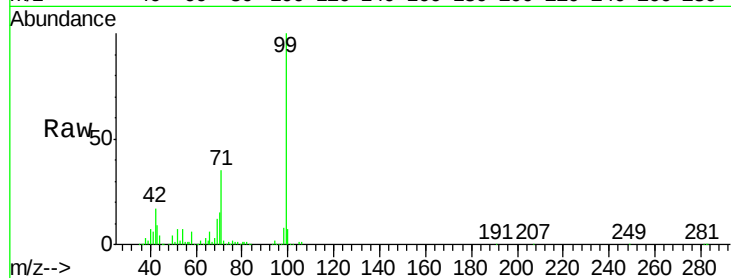
Tgt Ion: 99 Resp: 635724

Ion Ratio Lower Upper

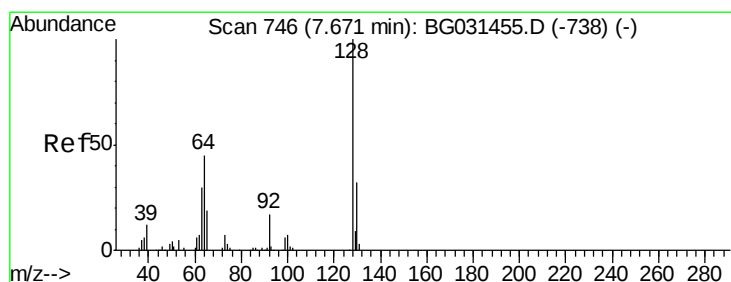
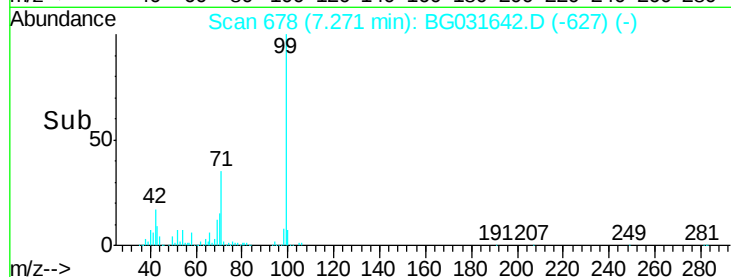
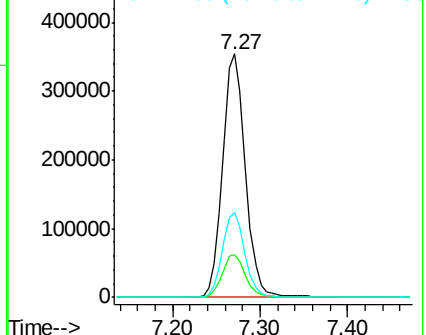
99 100

42 17.4 14.1 21.1

71 34.9 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: 45.603 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

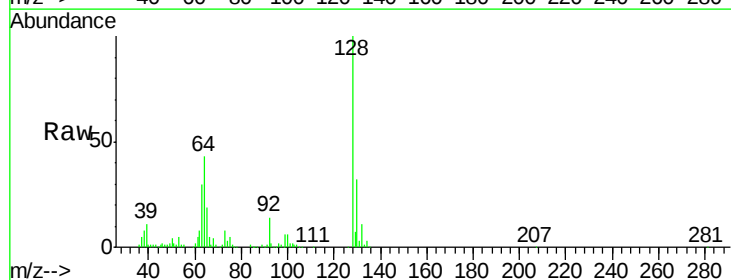
Tgt Ion: 128 Resp: 199063

Ion Ratio Lower Upper

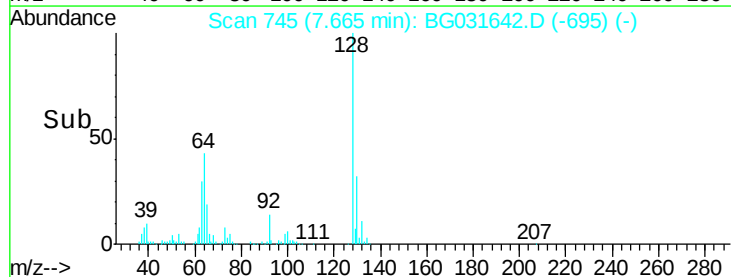
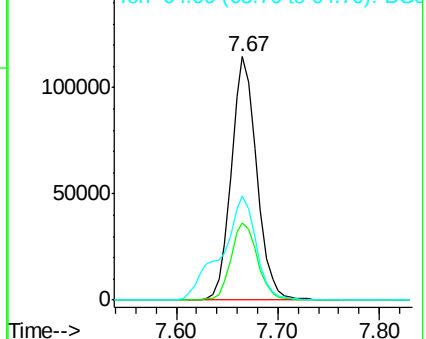
128 100

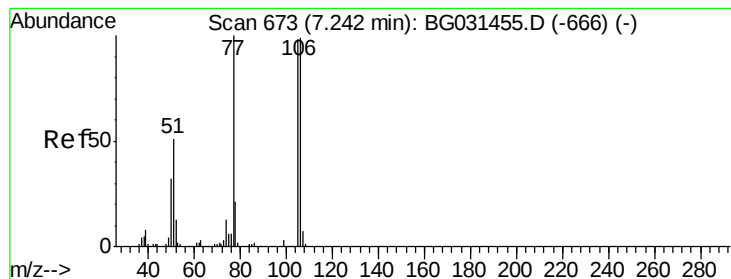
130 31.6 14.0 54.0

64 43.0 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: 26.928 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

Instrument :

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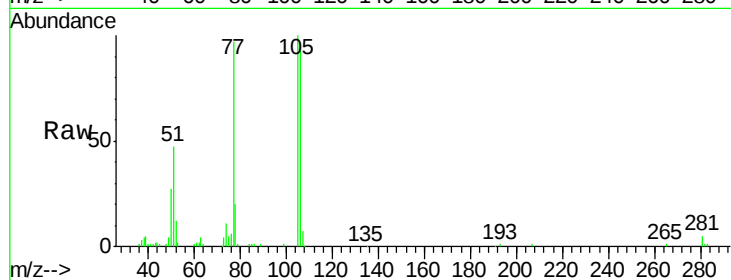
Tgt Ion: 77 Resp: 84797

Ion Ratio Lower Upper

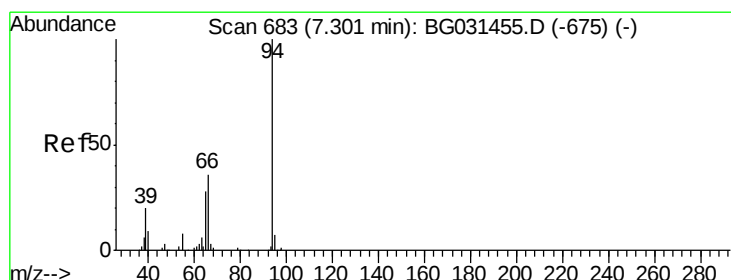
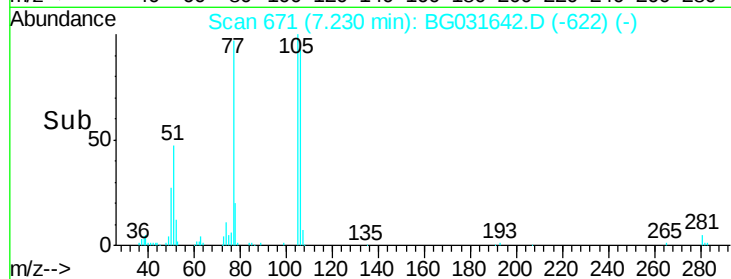
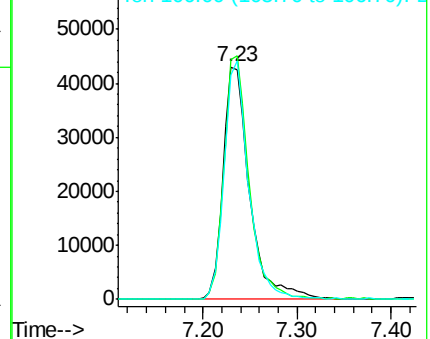
77 100

105 103.3 71.3 111.3

106 96.4 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: 39.486 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

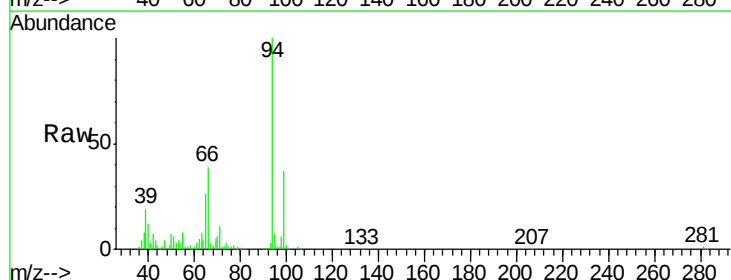
Tgt Ion: 94 Resp: 220366

Ion Ratio Lower Upper

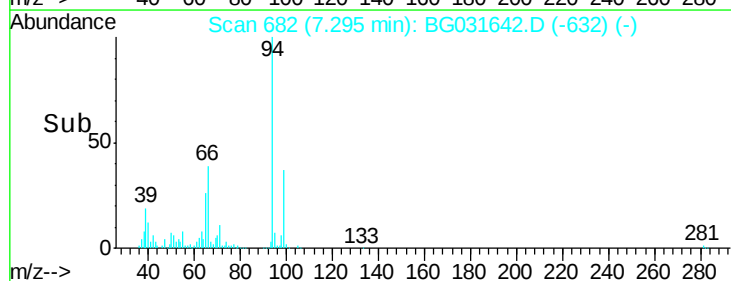
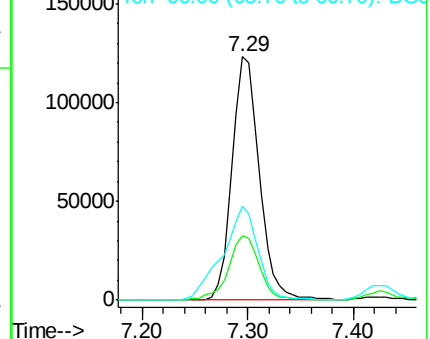
94 100

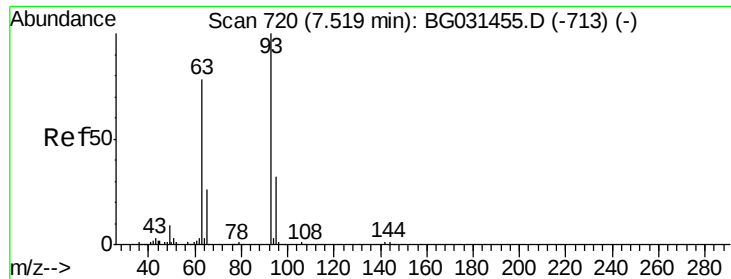
65 26.4 11.9 51.9

66 38.6 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

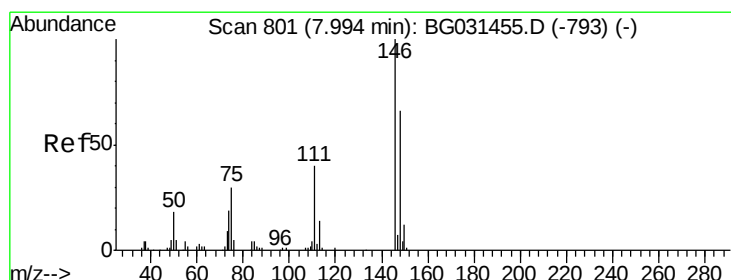
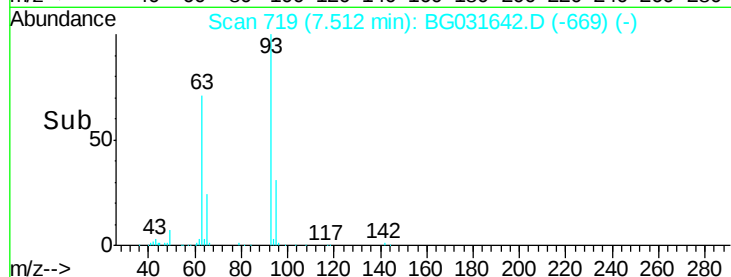
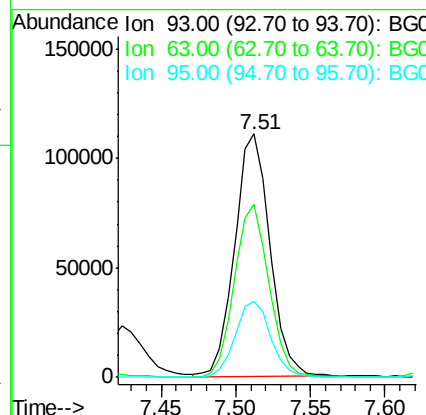
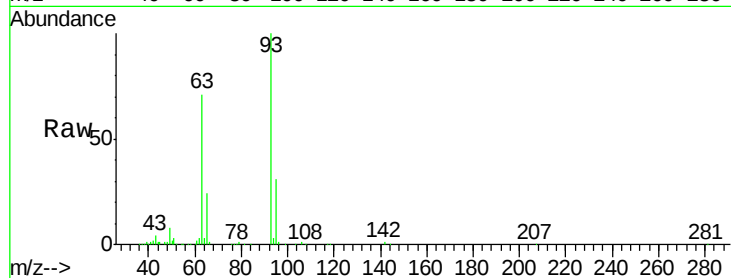




#11
bis(2-Chloroethyl)ether
Concen: 39.900 ng
RT: 7.51 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

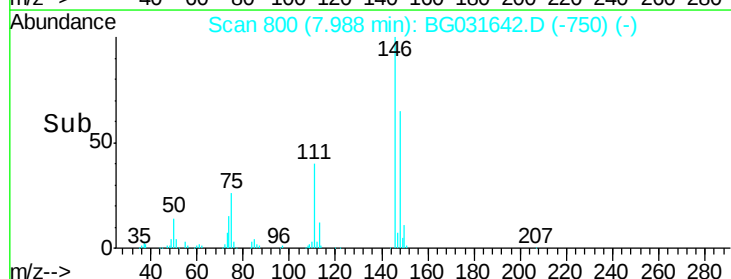
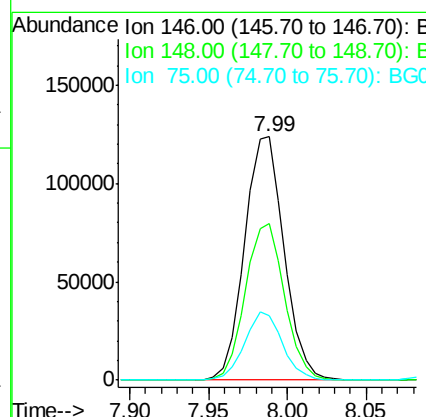
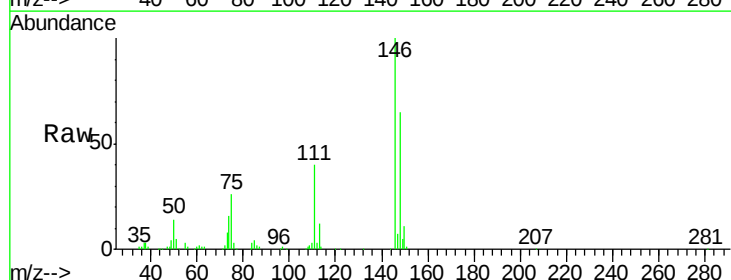
Instrument :
BNA_G
ClientSampleId :
CL-02-121417-AMS

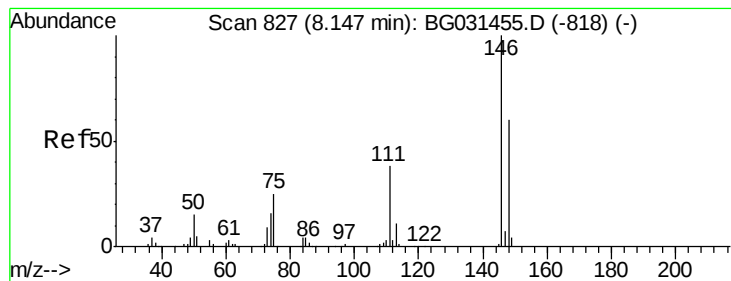
Tgt Ion: 93 Resp: 181744
Ion Ratio Lower Upper
93 100
63 71.3 67.1 107.1
95 31.3 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 41.511 ng m
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

Tgt Ion: 146 Resp: 215484
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
75 26.5 26.6 39.8#





#13

1,4-Dichlorobenzene

Concen: 40.668 ng

RT: 8.13 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

Instrument :

BNA_G

ClientSampleId :

CL-02-121417-AMS

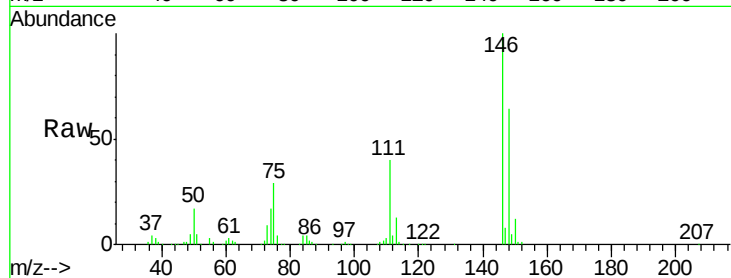
Tgt Ion:146 Resp: 219403

Ion Ratio Lower Upper

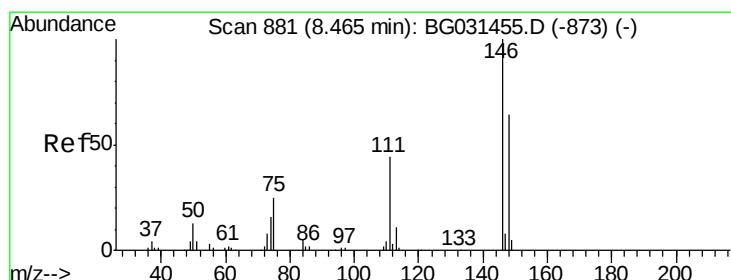
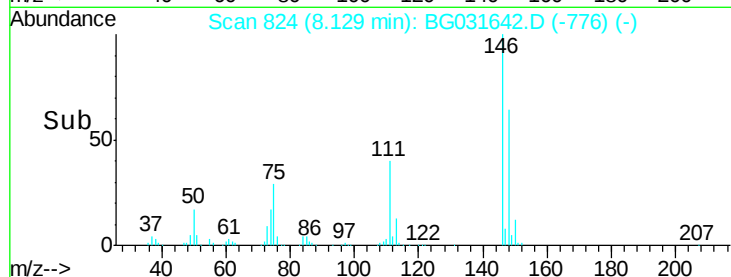
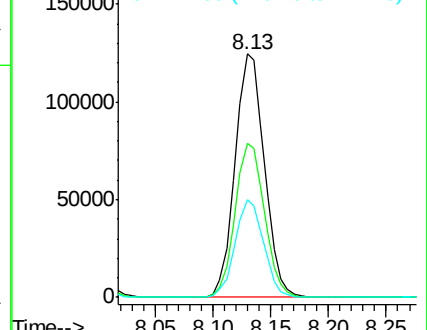
146 100

148 63.5 53.7 80.5

111 39.9 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: 41.393 ng

RT: 8.45 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

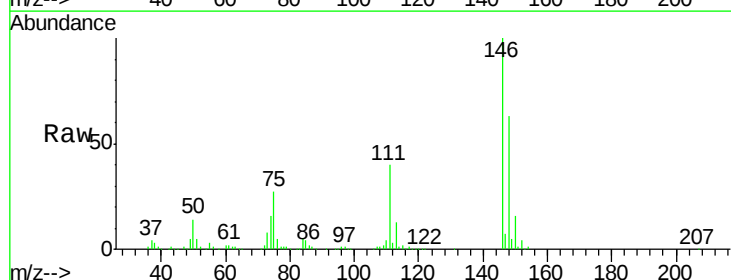
Tgt Ion:146 Resp: 212728

Ion Ratio Lower Upper

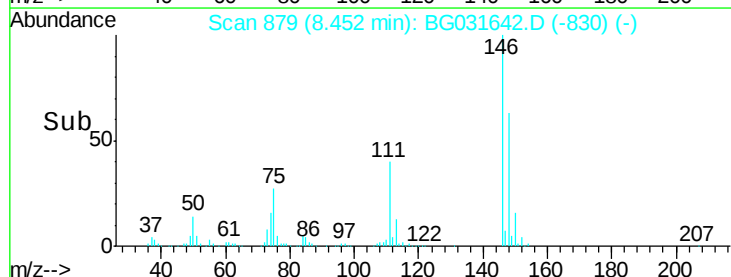
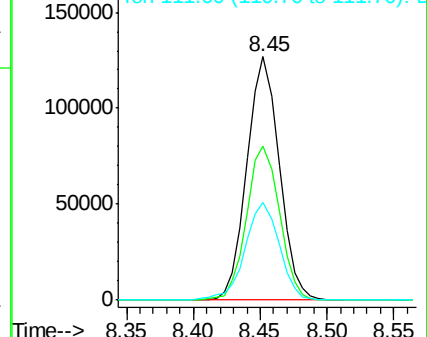
146 100

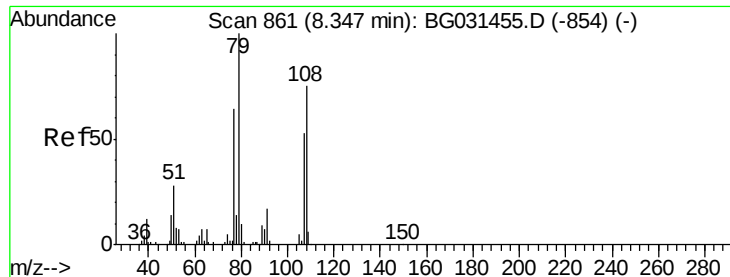
148 63.4 49.3 73.9

111 39.9 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: 31.888 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

Instrument :

BNA_G

ClientSampleId :

CL-02-121417-AMS

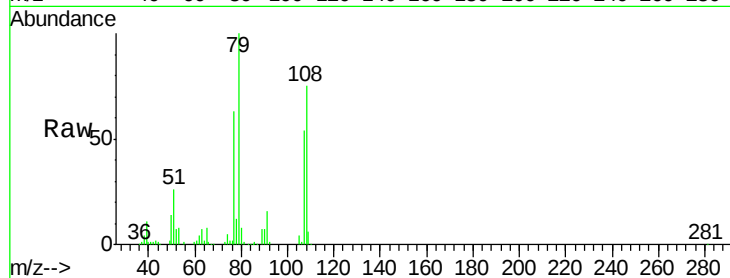
Tgt Ion: 79 Resp: 135514

Ion Ratio Lower Upper

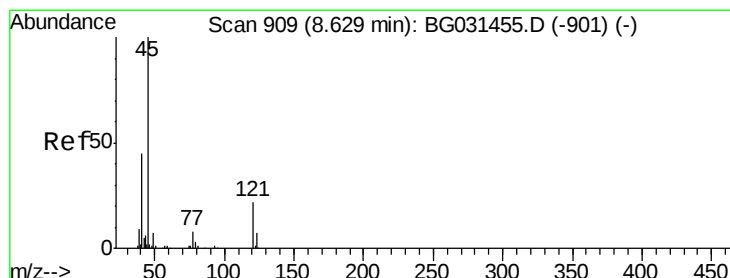
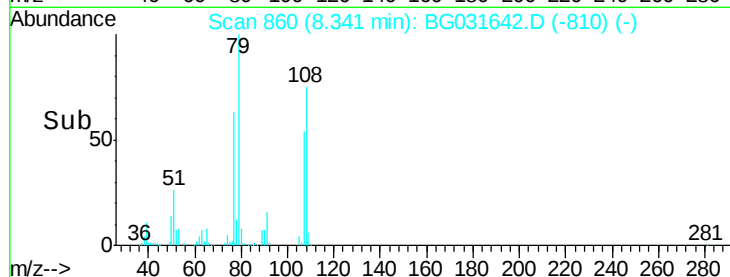
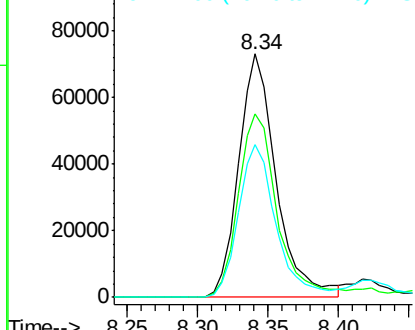
79 100

108 75.4 57.2 85.8

77 63.0 46.1 69.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.361 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

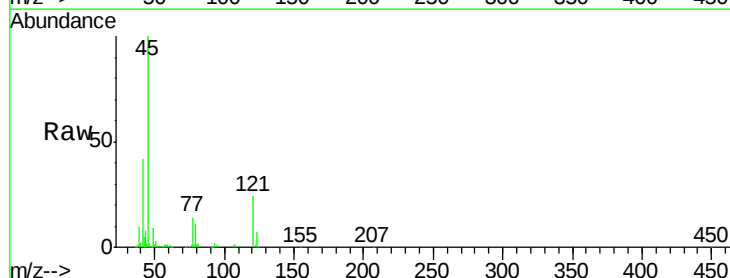
Tgt Ion: 45 Resp: 247473

Ion Ratio Lower Upper

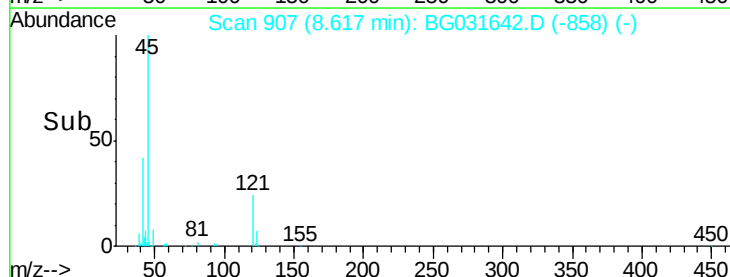
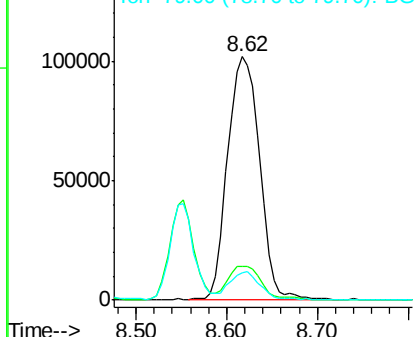
45 100

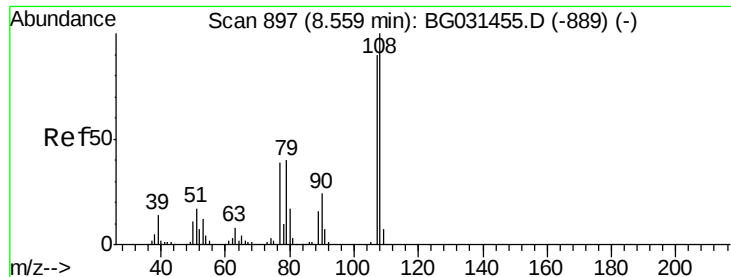
77 14.1 0.0 30.2

79 11.4 0.0 27.9



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

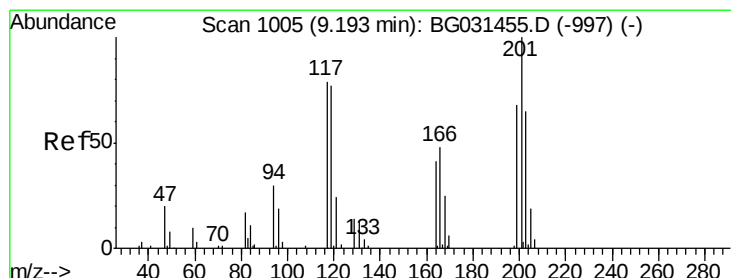
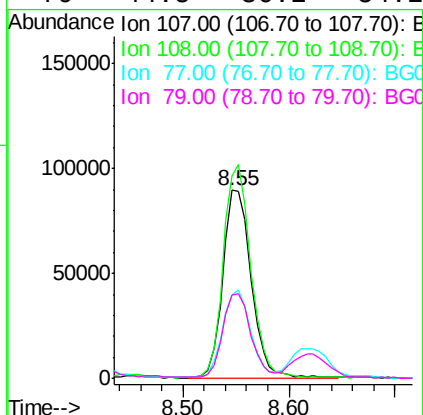
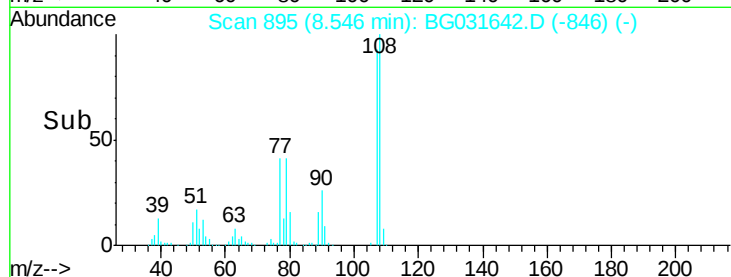
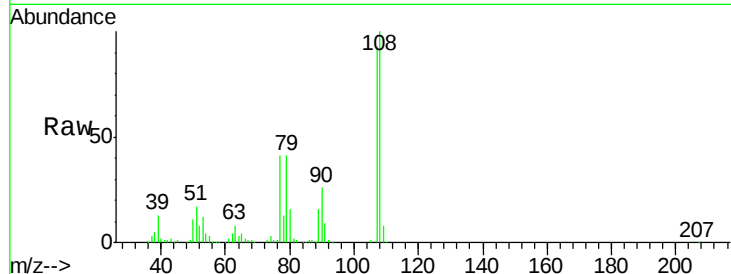




#17
2-Methylphenol
Concen: 43.565 ng
RT: 8.55 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

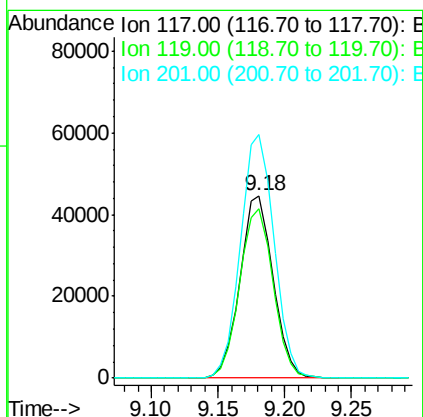
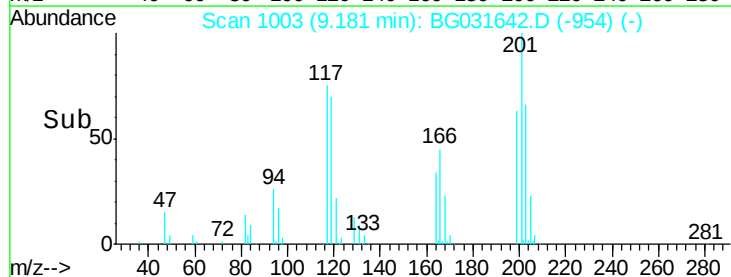
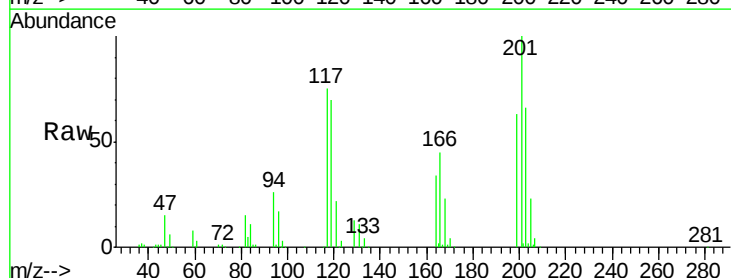
Instrument :
BNA_G
ClientSampleId :
CL-02-121417-AMS

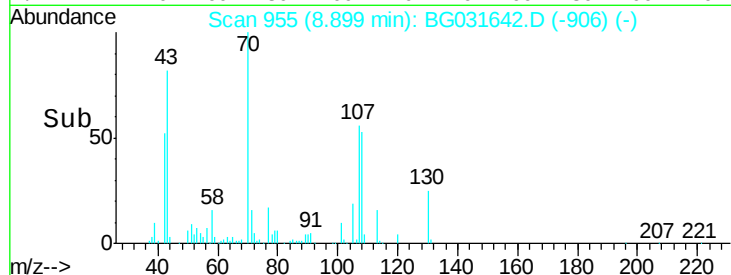
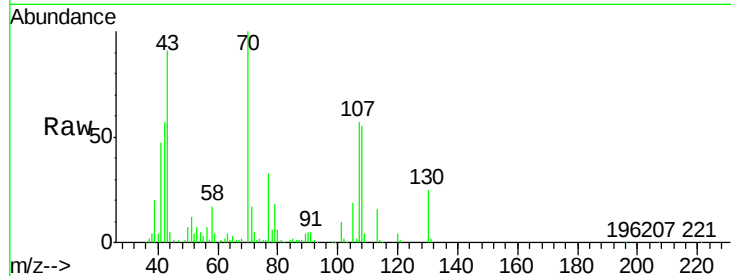
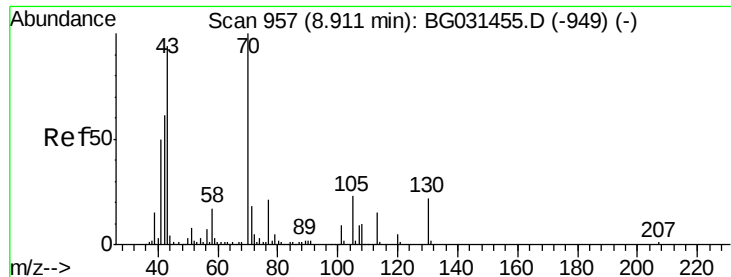
Tgt Ion	Ratio	Lower	Upper
107	100		
108	107.7	83.9	125.9
77	44.4	37.2	55.8
79	44.5	36.2	54.2



#18
Hexachloroethane
Concen: 41.999 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.7	115.1
201	133.6	95.7	143.5

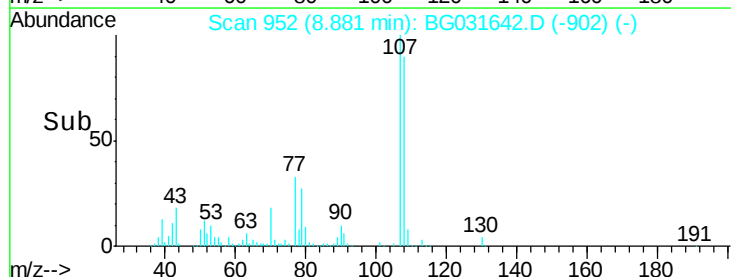
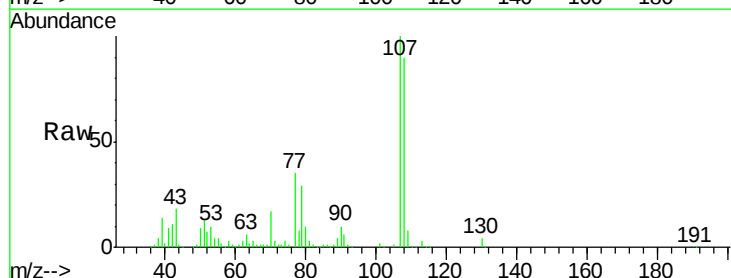
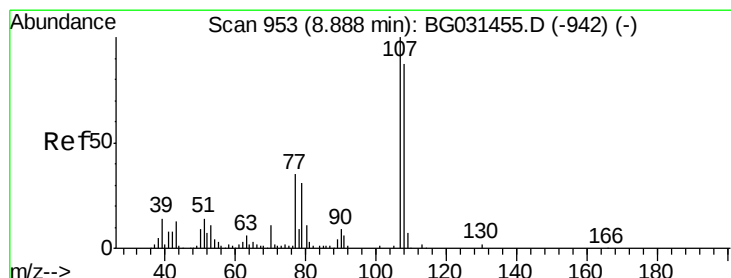
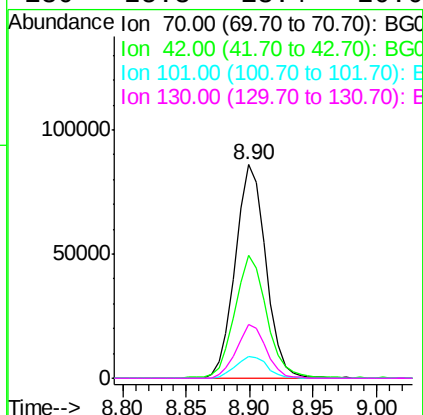




#19
n-Nitroso-di-n-propylamine
Concen: 33.532 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

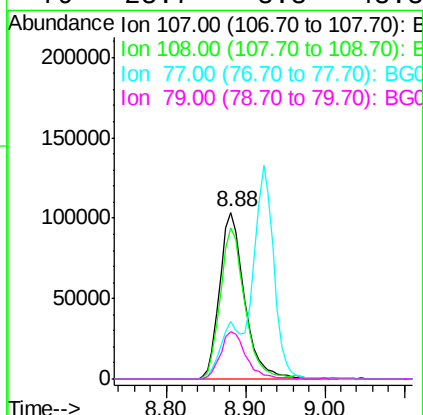
Instrument :
BNA_G
ClientSampleId :
CL-02-121417-AMS

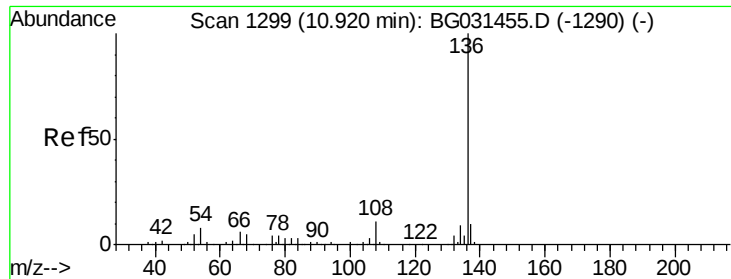
Tgt Ion: 70 Resp: 143383
Ion Ratio Lower Upper
70 100
42 57.3 49.1 73.7
101 10.3 8.5 12.7
130 25.3 13.4 20.0#



#20
3+4-Methylphenols
Concen: 39.907 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.01 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

Tgt Ion:107 Resp: 226161
Ion Ratio Lower Upper
107 100
108 90.2 61.6 101.6
77 34.6 13.9 53.9
79 28.7 8.8 48.8

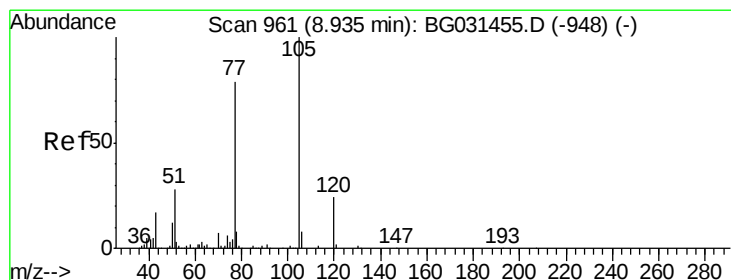
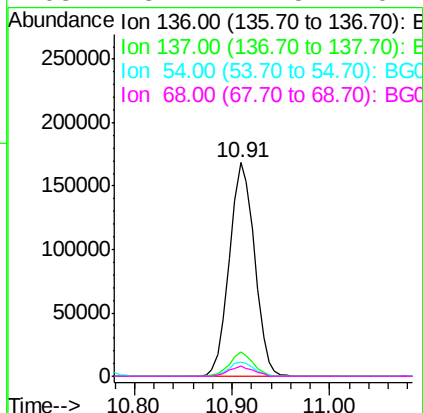
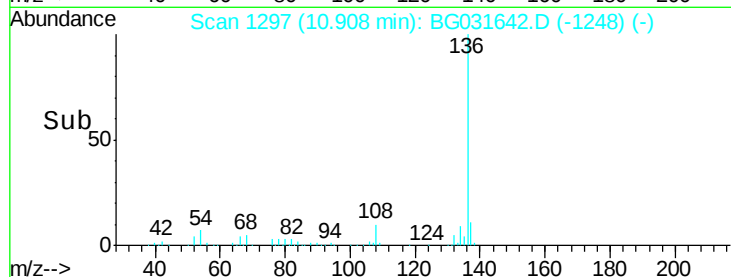
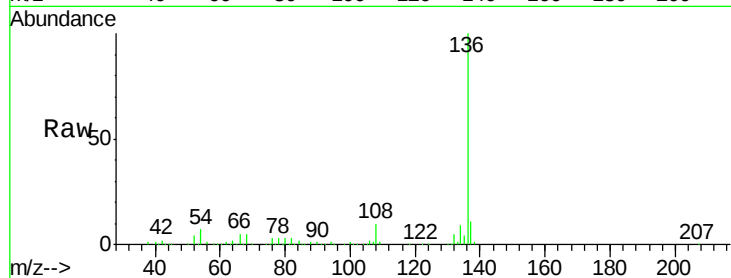




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

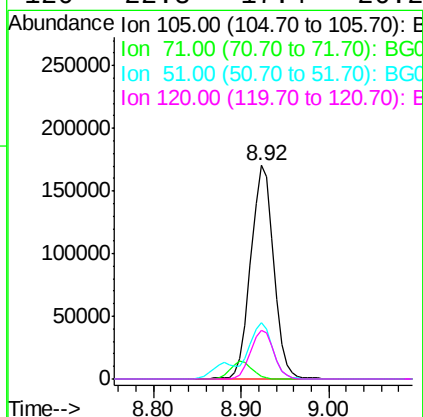
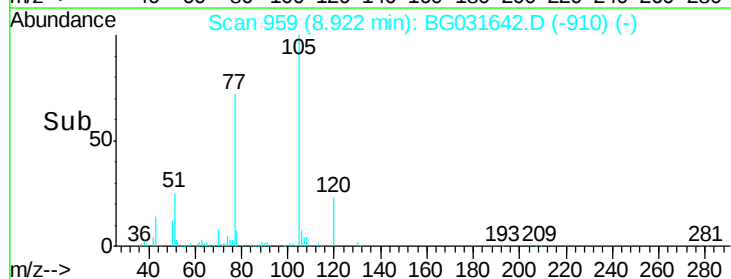
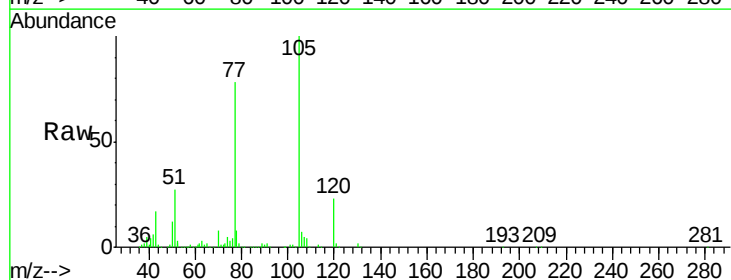
Instrument :
BNA_G
ClientSampleId :
CL-02-121417-AMS

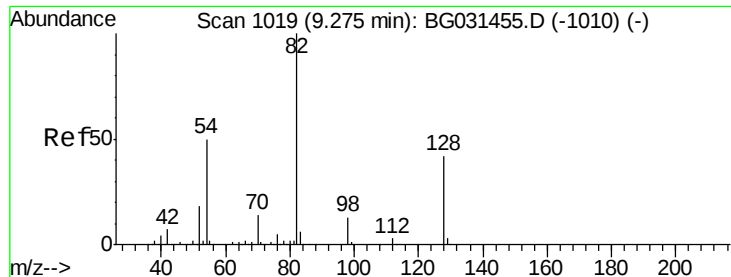
Tgt Ion:	136	Resp:	301464
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	6.8	10.3	15.5#
68	5.1	4.5	6.7



#22
Acetophenone
Concen: 41.863 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

Tgt Ion:	105	Resp:	302759
Ion	Ratio	Lower	Upper
105	100		
71	1.3	3.0	4.4#
51	26.6	26.1	39.1
120	22.8	17.4	26.2

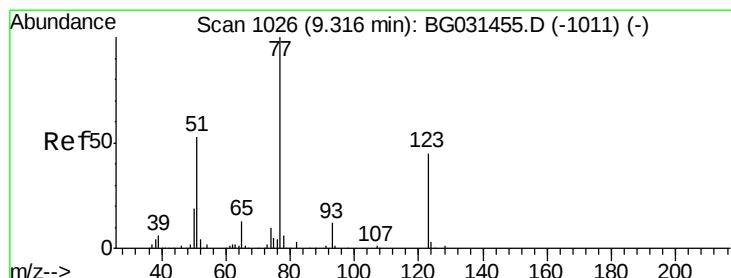
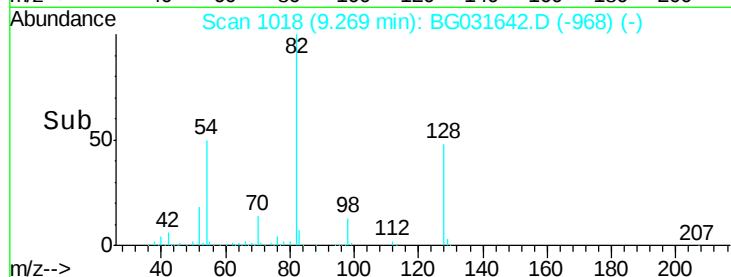
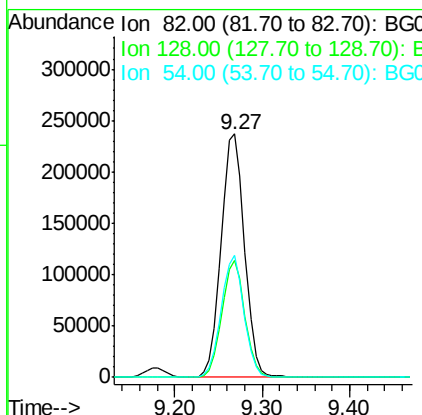
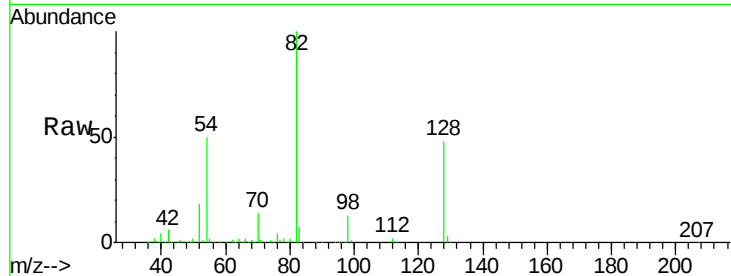




#23
 Nitrobenzene-d5
 Concen: 88.680 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG031642.D
 Acq: 18 Dec 2017 20:13

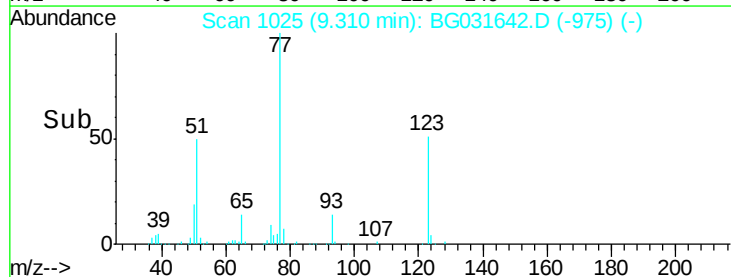
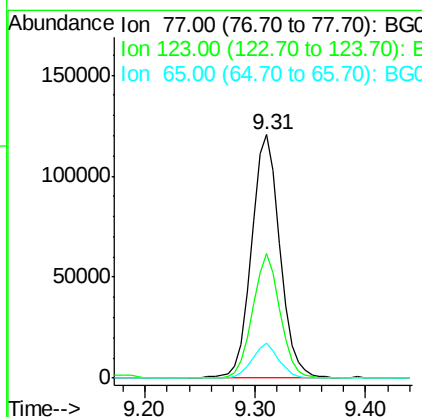
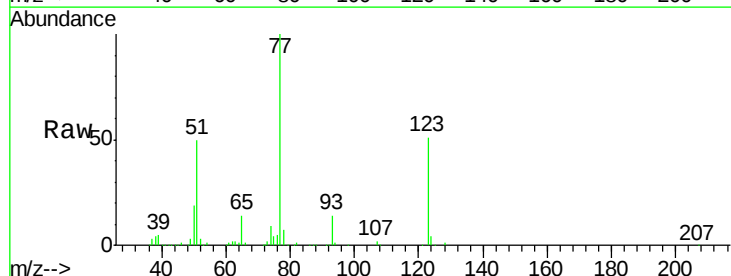
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-121417-AMS

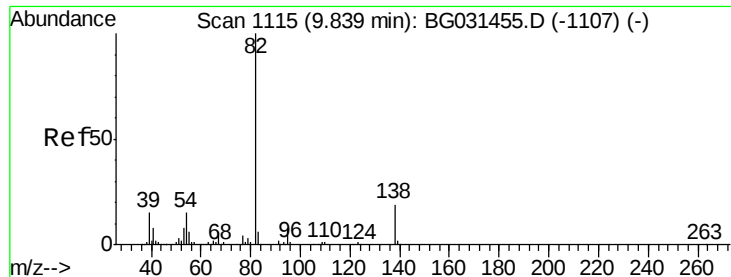
Tgt Ion: 82 Resp: 433734
 Ion Ratio Lower Upper
 82 100
 128 48.0 29.7 44.5#
 54 49.9 43.1 64.7



#24
 Nitrobenzene
 Concen: 43.433 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG031642.D
 Acq: 18 Dec 2017 20:13

Tgt Ion: 77 Resp: 217680
 Ion Ratio Lower Upper
 77 100
 123 51.1 33.0 49.6#
 65 14.3 13.0 19.6





#25

Isophorone

Concen: 43.200 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

Instrument :

BNA_G

ClientSampleId :

CL-02-121417-AMS

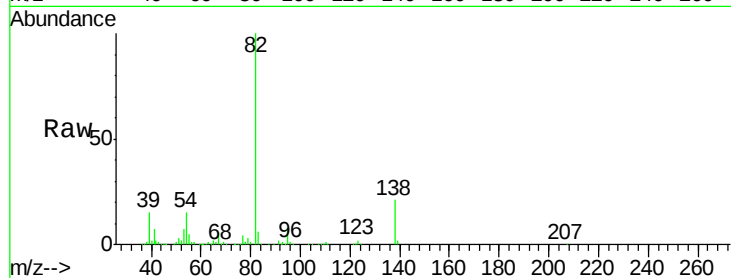
Tgt Ion: 82 Resp: 399308

Ion Ratio Lower Upper

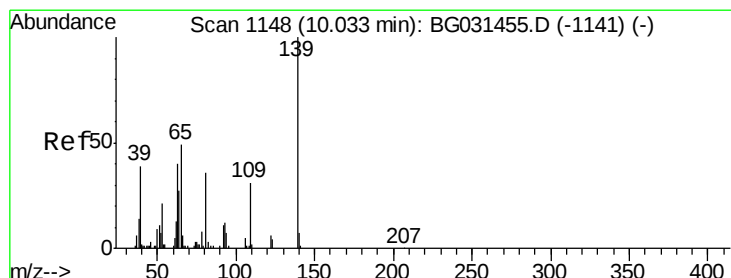
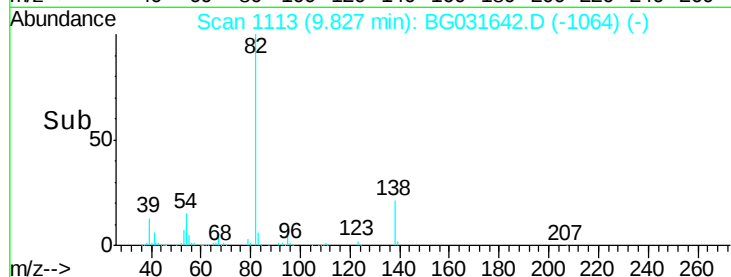
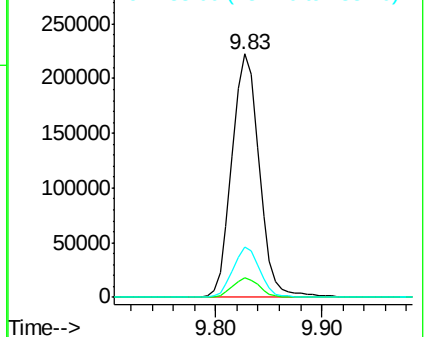
82 100

95 8.0 6.2 9.2

138 20.7 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 48.006 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

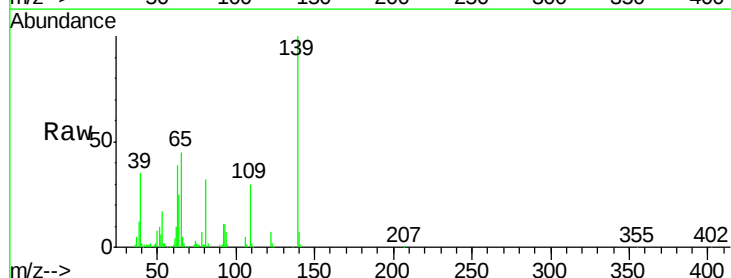
Tgt Ion: 139 Resp: 118971

Ion Ratio Lower Upper

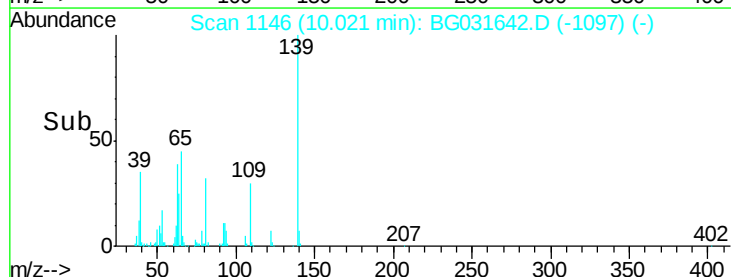
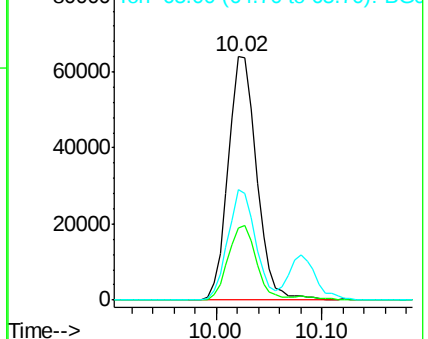
139 100

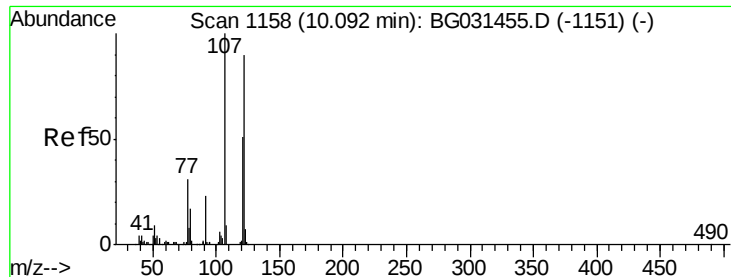
109 29.6 24.2 36.2

65 45.3 47.4 71.0#



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

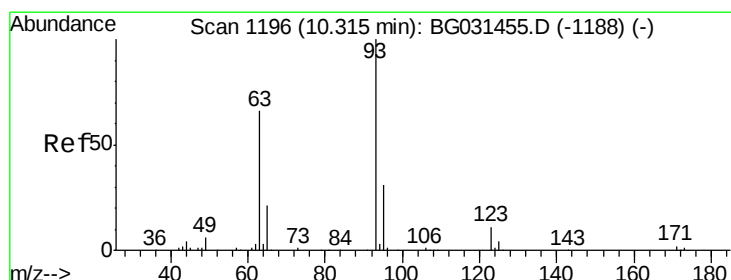
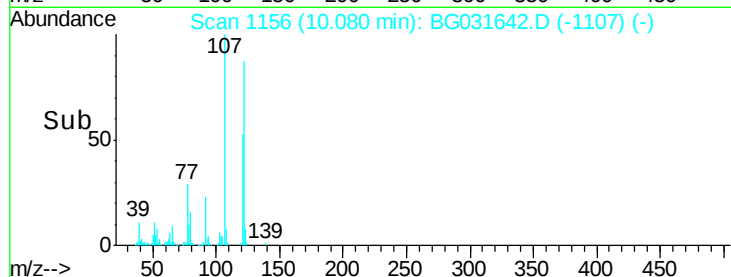
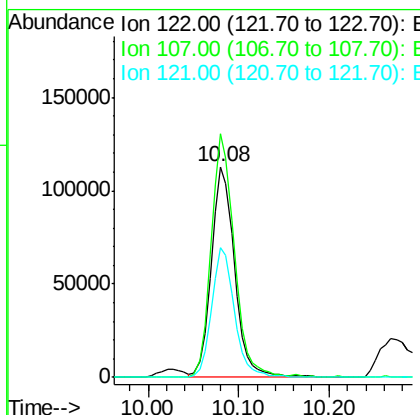
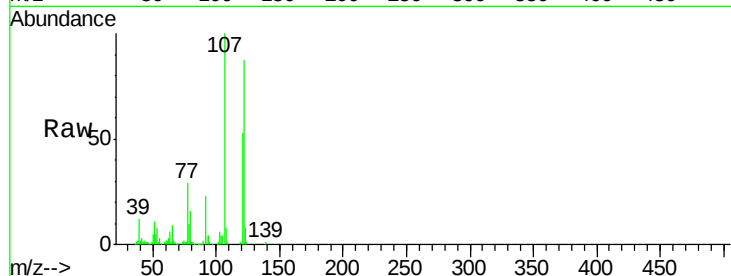




#27
2,4-Dimethylphenol
Concen: 52.837 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

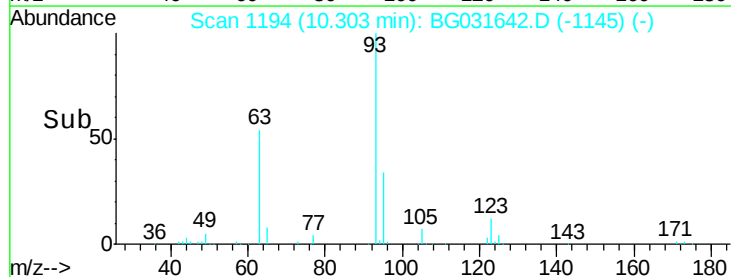
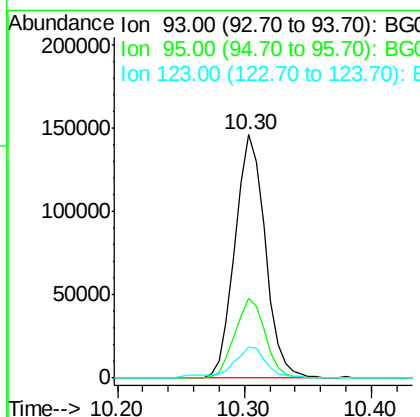
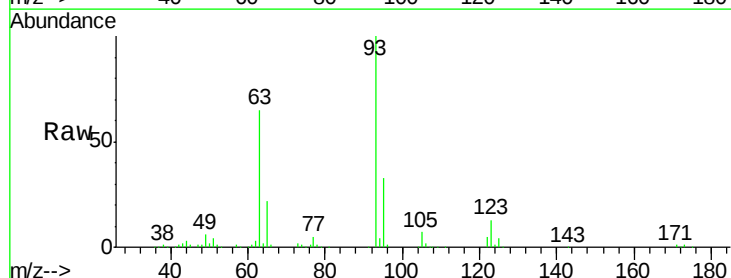
Instrument :
BNA_G
ClientSampleId :
CL-02-121417-AMS

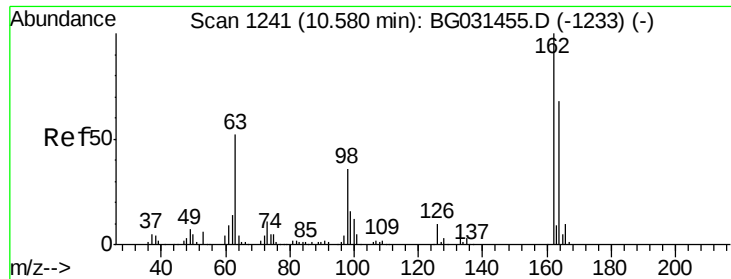
Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.4	100.2	150.2
121	61.4	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.704 ng
RT: 10.30 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	24.3	36.5
123	12.8	8.4	12.6

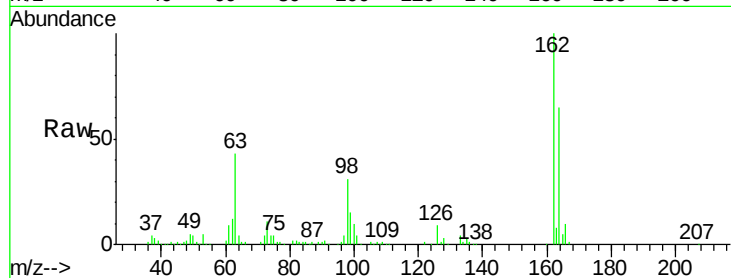




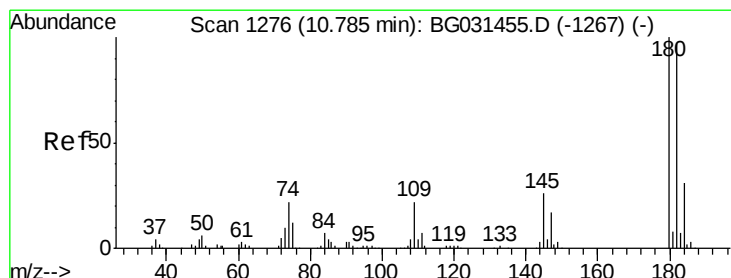
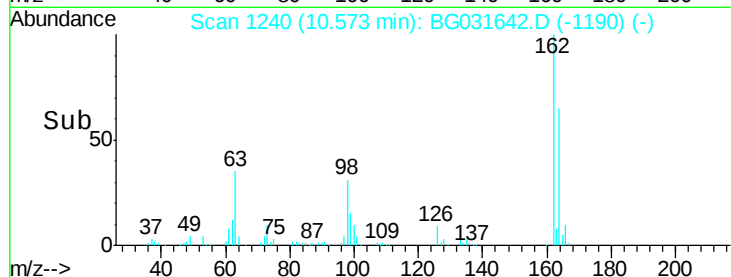
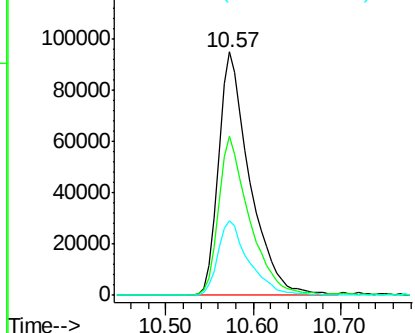
#29
 2,4-Dichlorophenol
 Concen: 52.575 ng
 RT: 10.57 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG031642.D
 Acq: 18 Dec 2017 20:13

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-121417-AMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	48.0	88.0
98	30.7	21.1	61.1

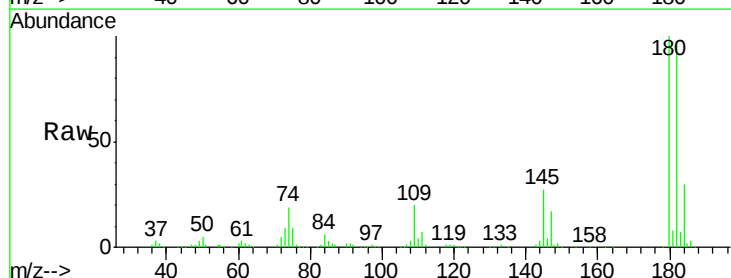


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

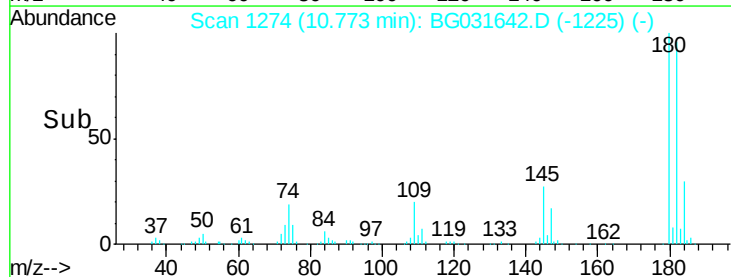
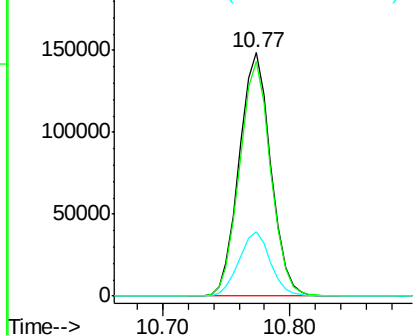


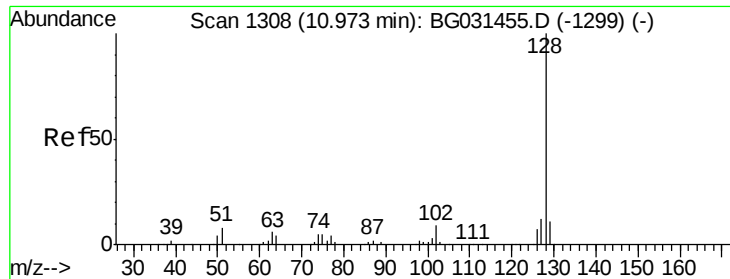
#30
 1,2,4-Trichlorobenzene
 Concen: 45.275 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG031642.D
 Acq: 18 Dec 2017 20:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.5	116.3
145	26.6	23.4	35.2



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

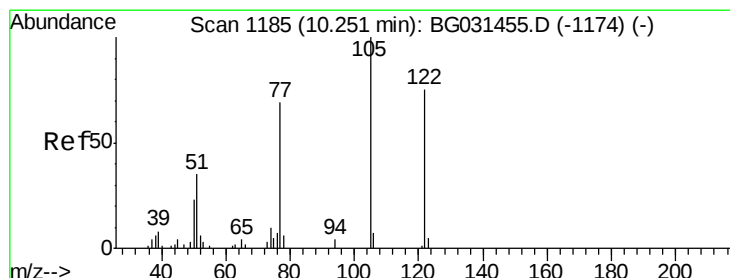
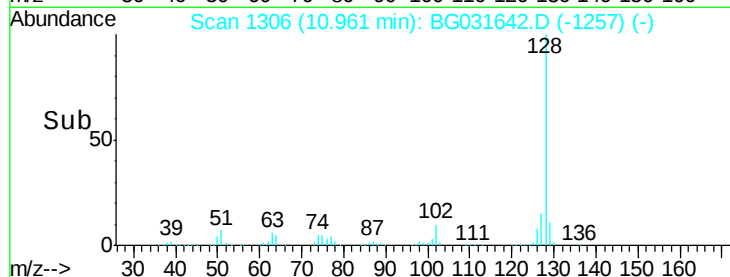
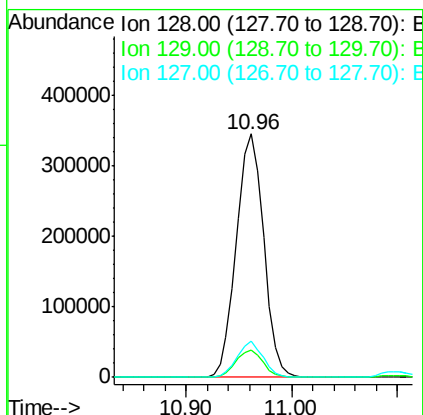
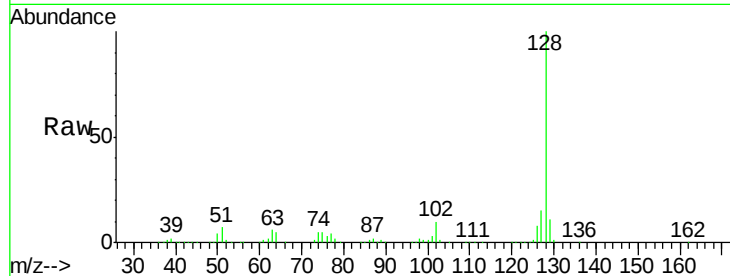




#31
Naphthalene
Concen: 41.741 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

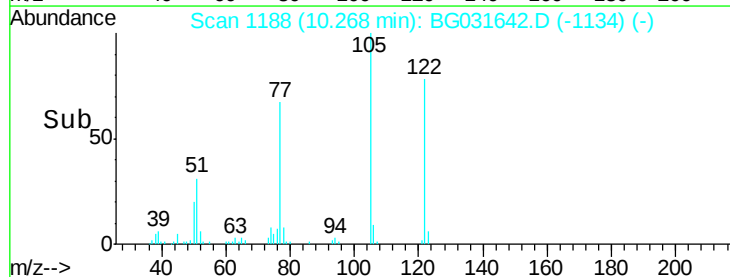
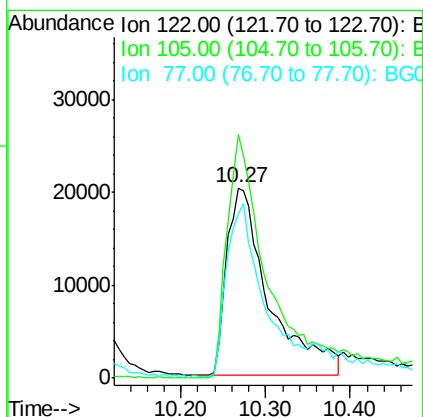
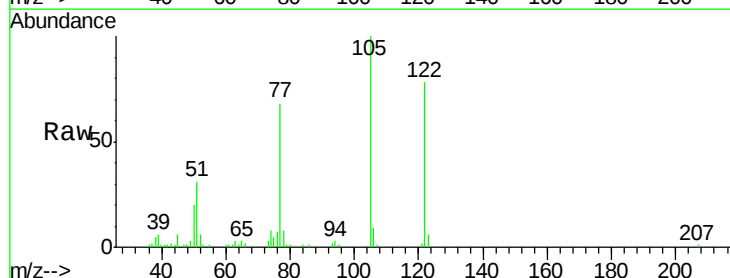
Instrument :
BNA_G
ClientSampleId :
CL-02-121417-AMS

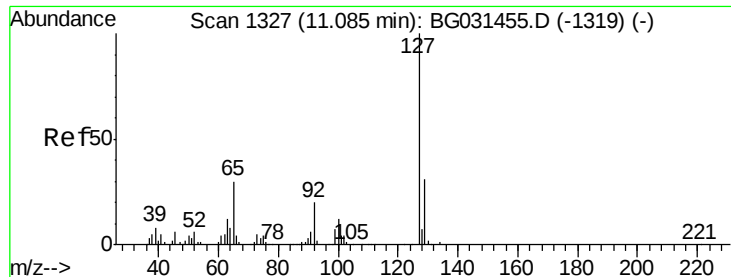
Tgt Ion:128 Resp: 618186
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 14.7 11.6 17.4



#32
Benzoic acid
Concen: 36.082 ng
RT: 10.27 min Scan# 1188
Delta R.T. 0.02 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

Tgt Ion:122 Resp: 70280
Ion Ratio Lower Upper
122 100
105 127.8 123.5 163.5
77 86.6 85.7 125.7

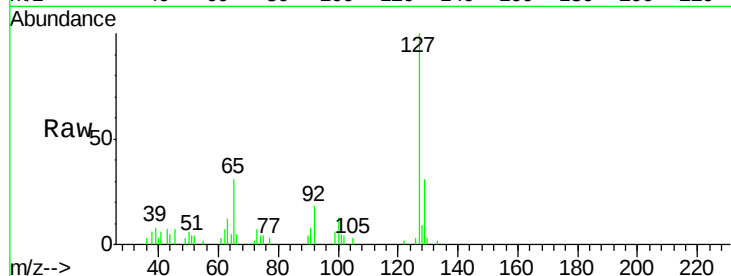




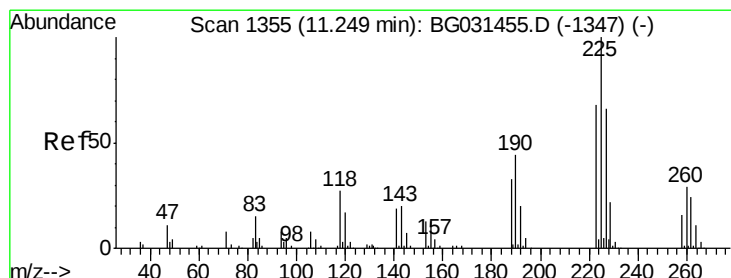
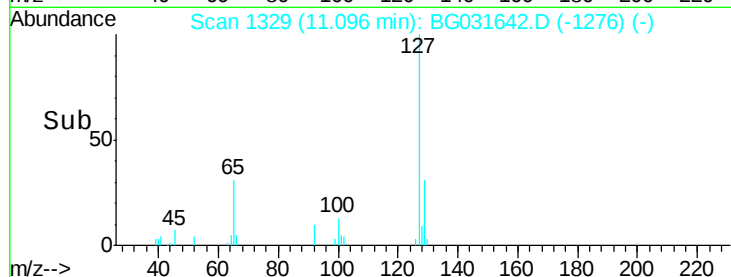
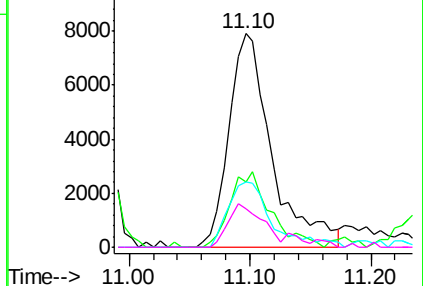
#33
4-Chloroaniline
Concen: 3.044 ng
RT: 11.10 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

Instrument :
BNA_G
ClientSampleId :
CL-02-121417-AMS

Tgt Ion:	127	Resp:	19576
Ion	Ratio	Lower	Upper
127	100		
129	30.8	24.0	36.0
65	30.9	27.0	40.4
92	18.2	16.6	25.0

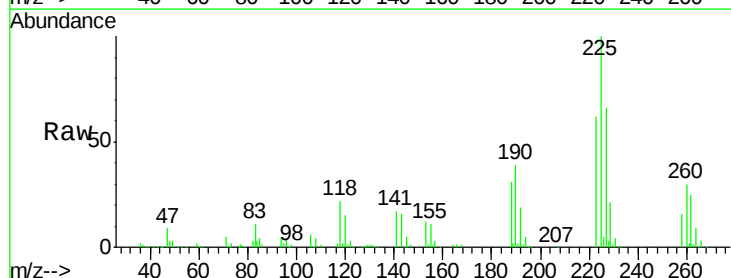


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

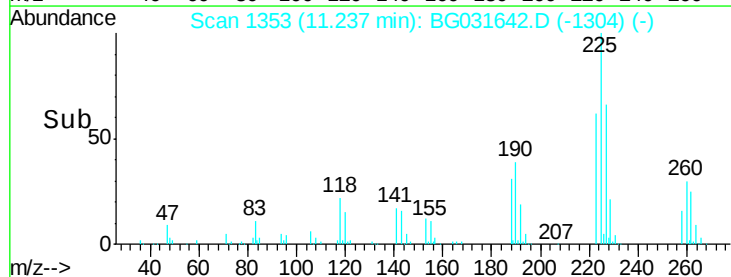
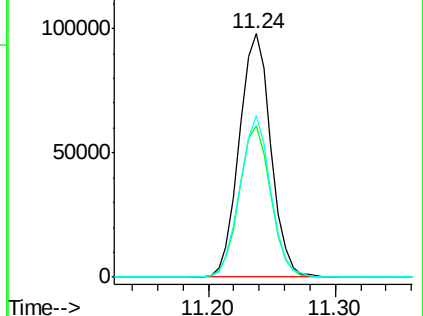


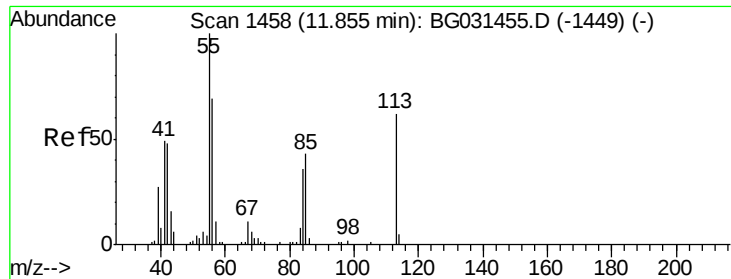
#34
Hexachlorobutadiene
Concen: 45.004 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

Tgt Ion:	225	Resp:	169133
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	66.2	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

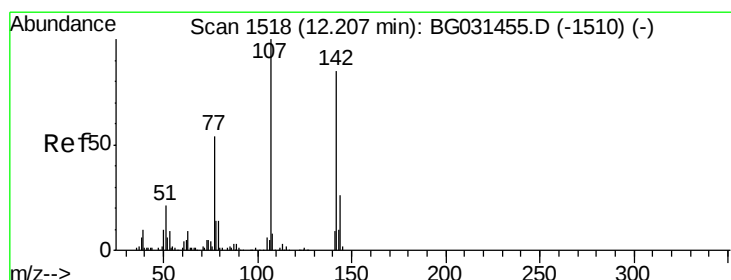
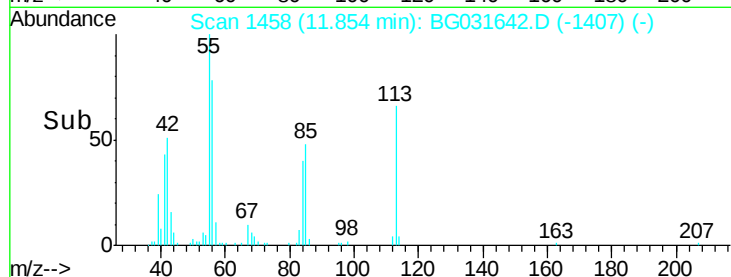
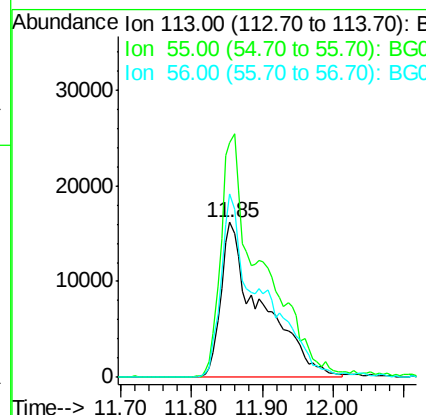
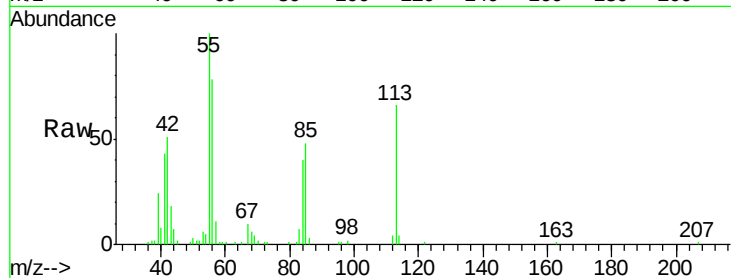




#35
 Caprolactam
 Concen: 36.941 ng
 RT: 11.85 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BG031642.D
 Acq: 18 Dec 2017 20:13

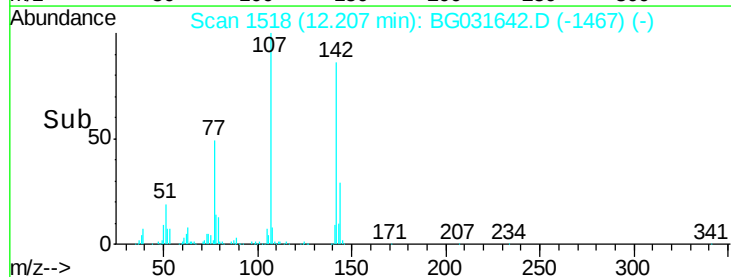
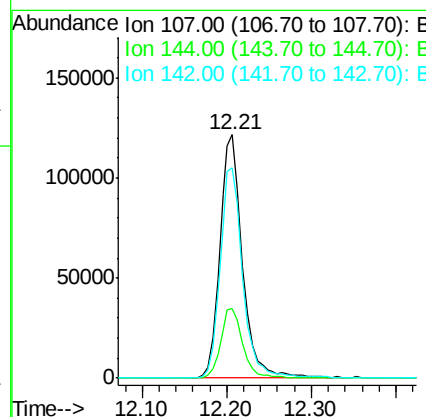
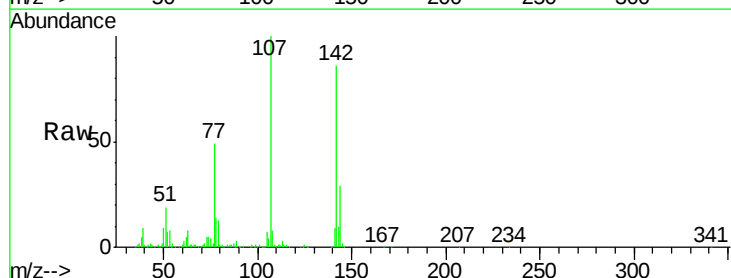
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-121417-AMS

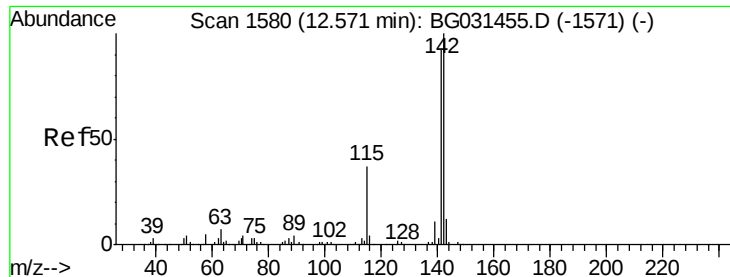
Tgt Ion:113 Resp: 64339
 Ion Ratio Lower Upper
 113 100
 55 151.7 186.9 226.9#
 56 118.7 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 44.769 ng
 RT: 12.21 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BG031642.D
 Acq: 18 Dec 2017 20:13

Tgt Ion:107 Resp: 226662
 Ion Ratio Lower Upper
 107 100
 144 28.7 18.2 27.4#
 142 86.4 59.0 88.4

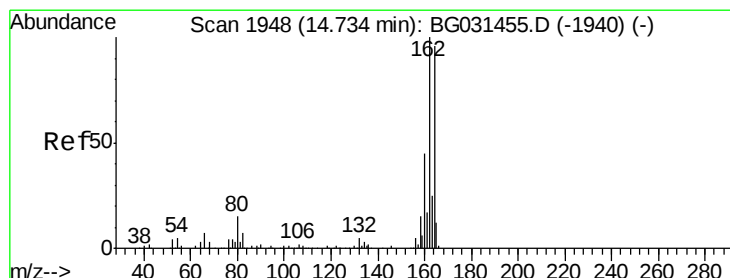
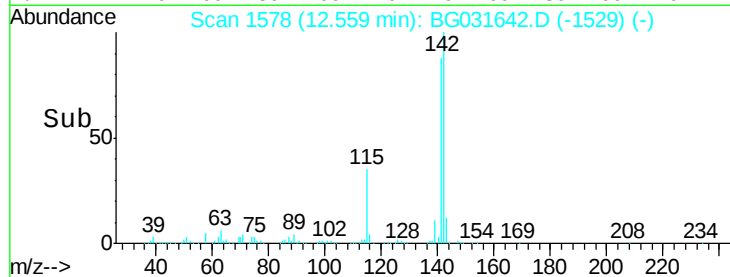
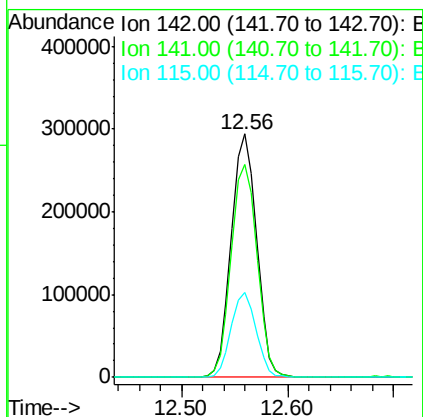
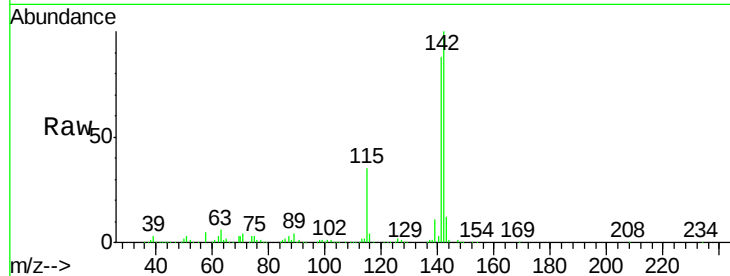




#37
 2-Methylnaphthalene
 Concen: 42.724 ng
 RT: 12.56 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BG031642.D
 Acq: 18 Dec 2017 20:13

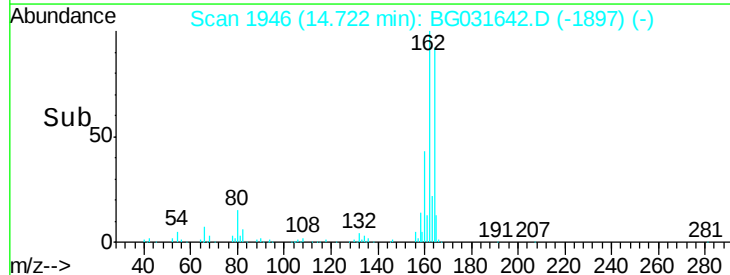
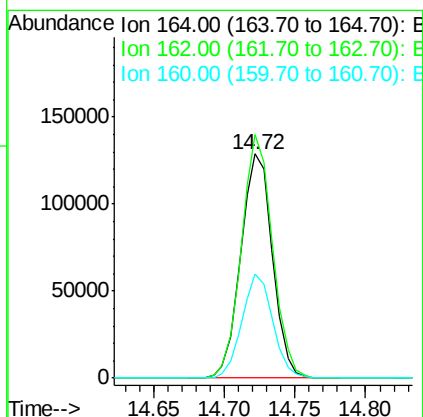
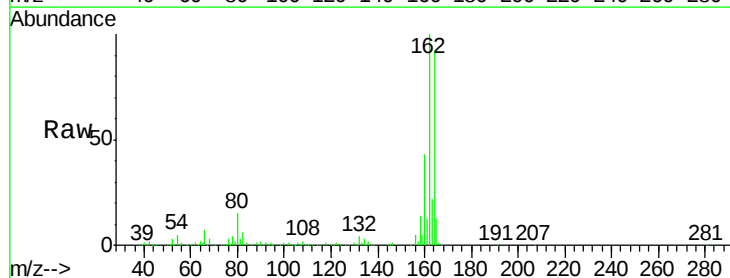
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-121417-AMS

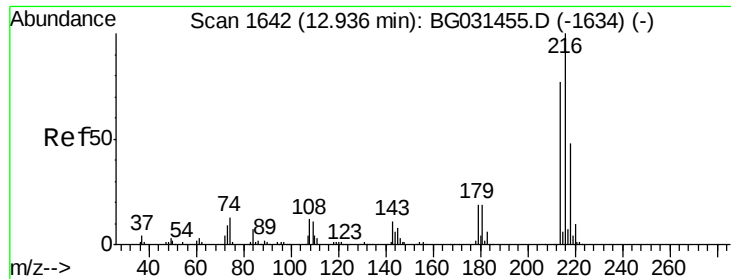
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.6	67.1	100.7
115	34.9	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG031642.D
 Acq: 18 Dec 2017 20:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.7	78.8	118.2
160	46.6	35.4	53.0

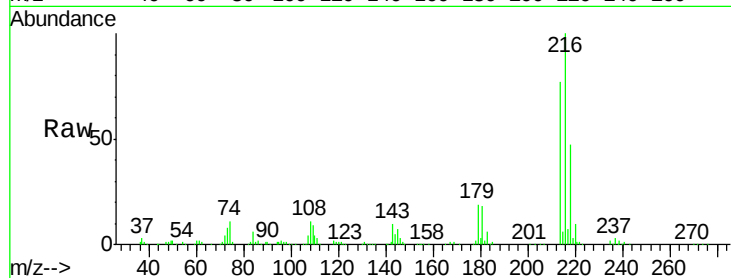




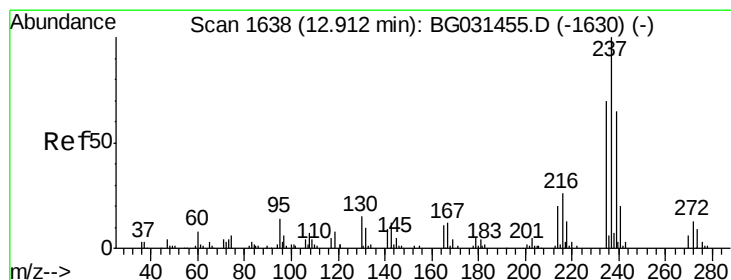
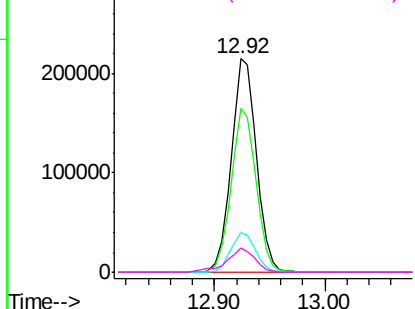
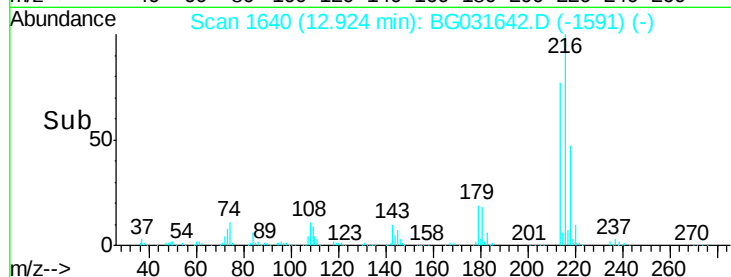
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.481 ng
 RT: 12.92 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BG031642.D
 Acq: 18 Dec 2017 20:13

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-121417-AMS

Tgt Ion:216 Resp: 342666
 Ion Ratio Lower Upper
 216 100
 214 76.2 63.0 94.4
 179 18.4 17.0 25.6
 108 12.6 12.8 19.2#

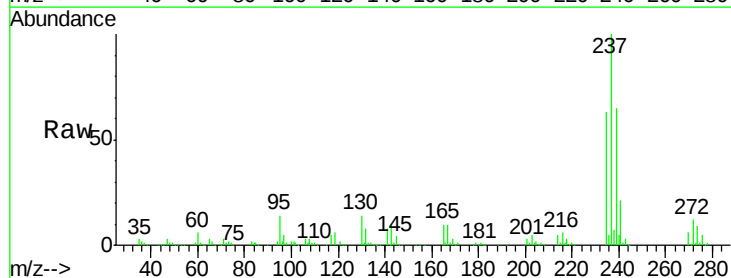


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

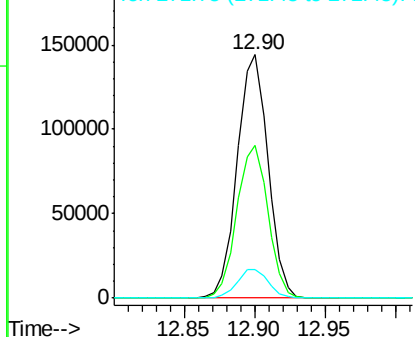
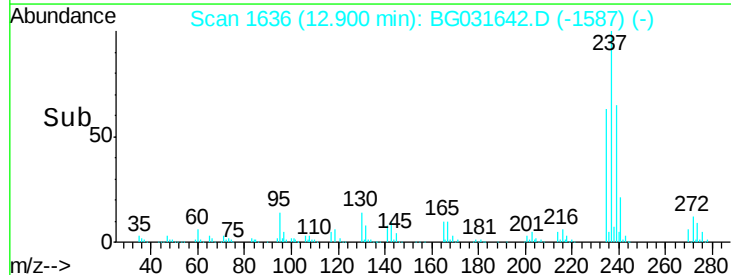


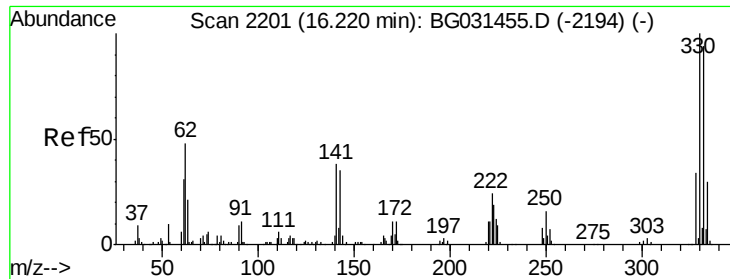
#40
 Hexachlorocyclopentadiene
 Concen: 80.632 ng
 RT: 12.90 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG031642.D
 Acq: 18 Dec 2017 20:13

Tgt Ion:237 Resp: 219533
 Ion Ratio Lower Upper
 237 100
 235 62.8 50.4 90.4
 272 11.6 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

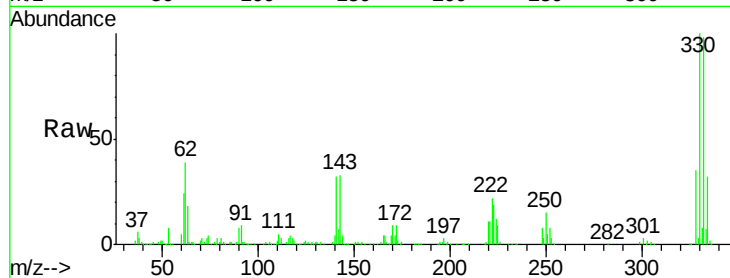




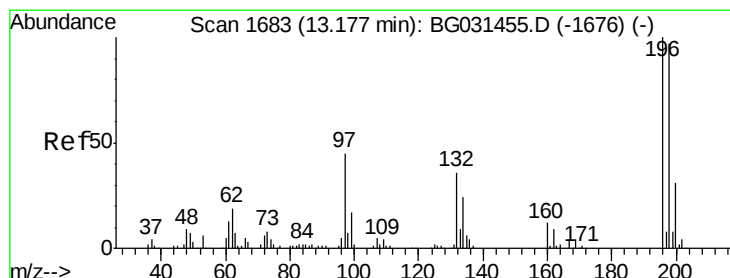
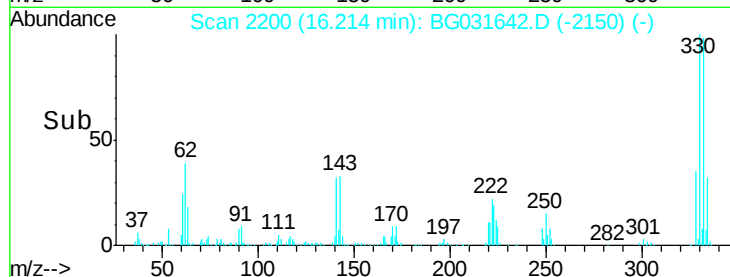
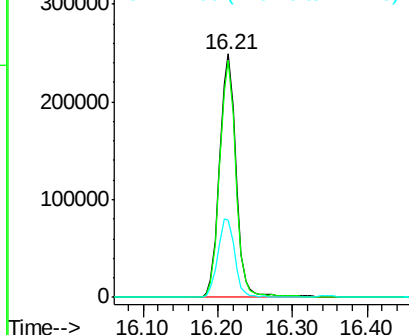
#41
 2,4,6-Tribromophenol
 Concen: 161.839 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031642.D
 Acq: 18 Dec 2017 20:13

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-121417-AMS

Tgt Ion:330 Resp: 382326
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 33.3 25.2 37.8

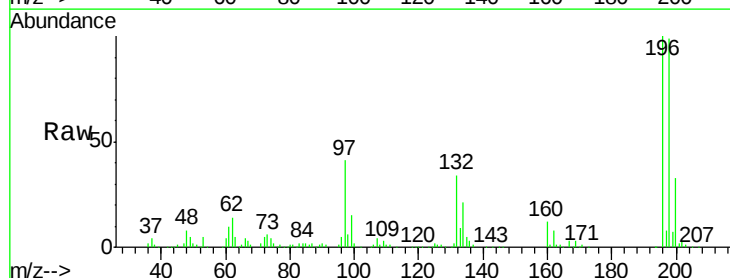


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

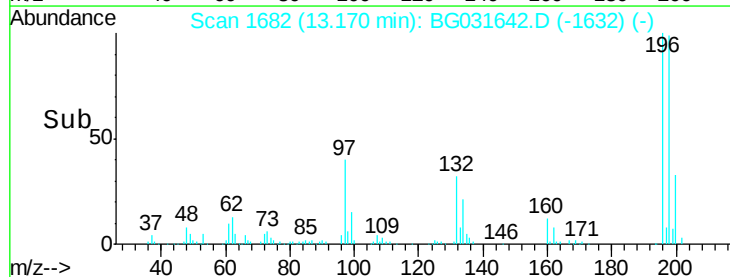
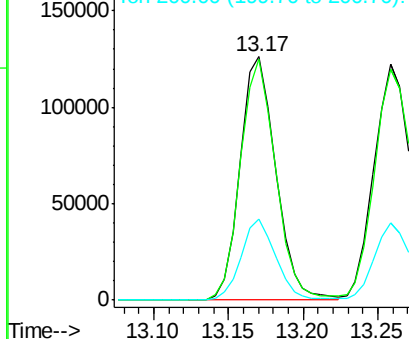


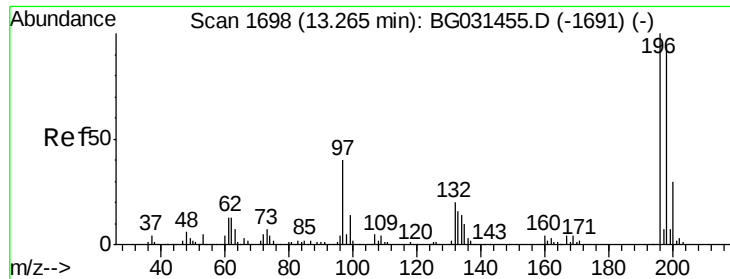
#42
 2,4,6-Trichlorophenol
 Concen: 52.221 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG031642.D
 Acq: 18 Dec 2017 20:13

Tgt Ion:196 Resp: 210264
 Ion Ratio Lower Upper
 196 100
 198 99.2 78.2 117.2
 200 33.2 24.6 36.8



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

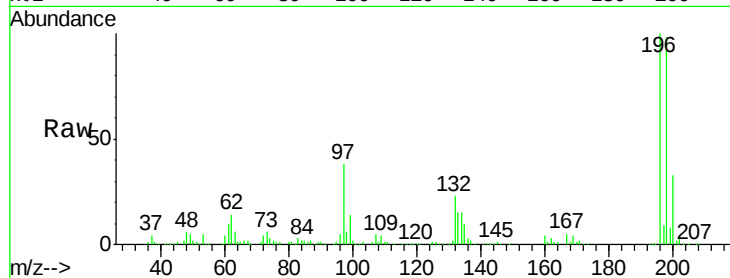




#43
 2,4,5-Trichlorophenol
 Concen: 52.807 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG031642.D
 Acq: 18 Dec 2017 20:13

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-121417-AMS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.2	76.2	114.4
97	37.8	38.7	58.1#
132	22.7	20.2	30.2



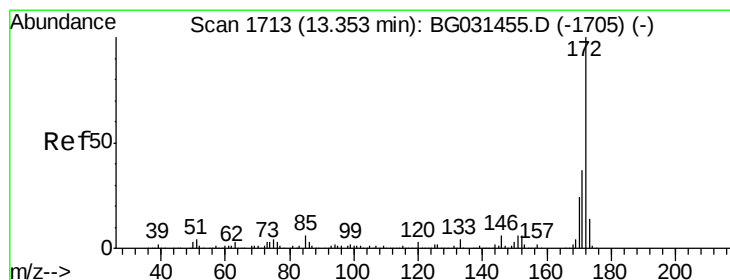
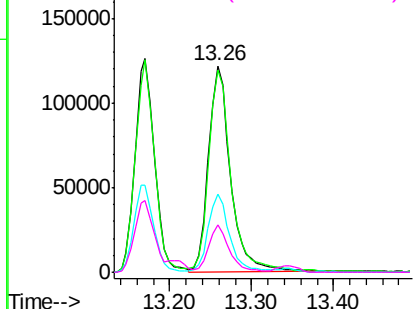
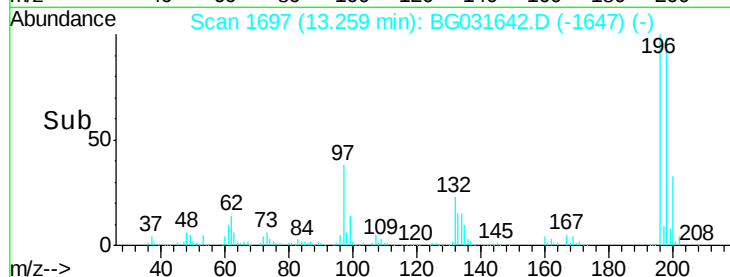
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

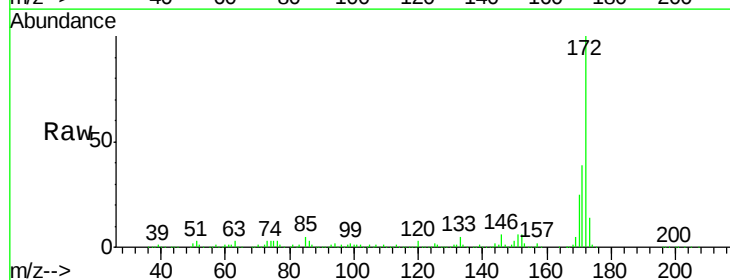
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.639 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031642.D
 Acq: 18 Dec 2017 20:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	25.2	19.5	29.3

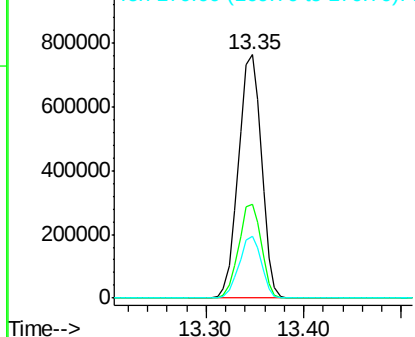
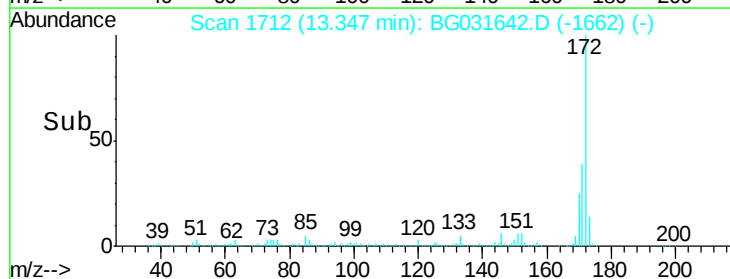


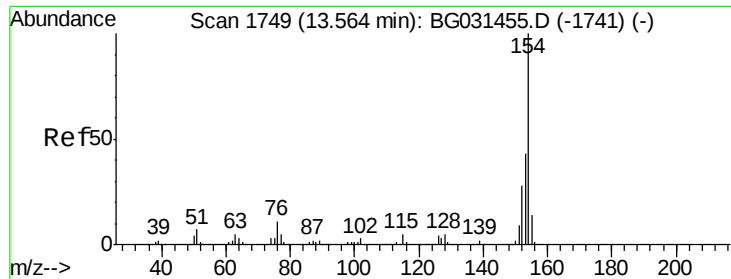
Abundance

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

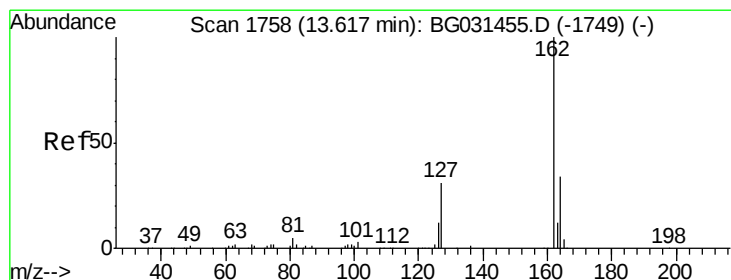
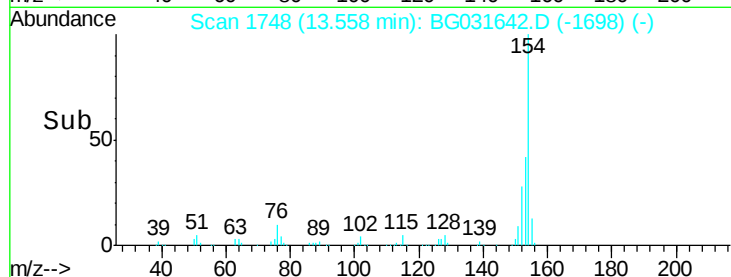
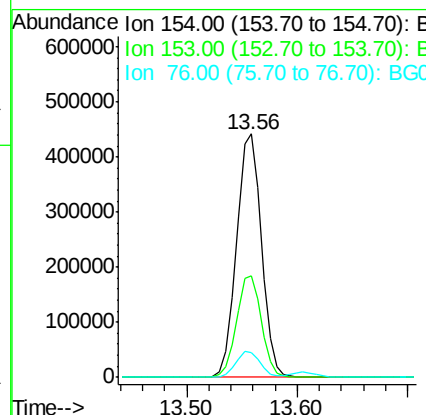
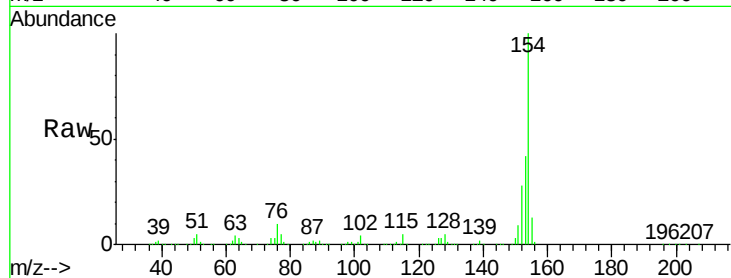




#45
 1,1'-Biphenyl
 Concen: 42.256 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG031642.D
 Acq: 18 Dec 2017 20:13

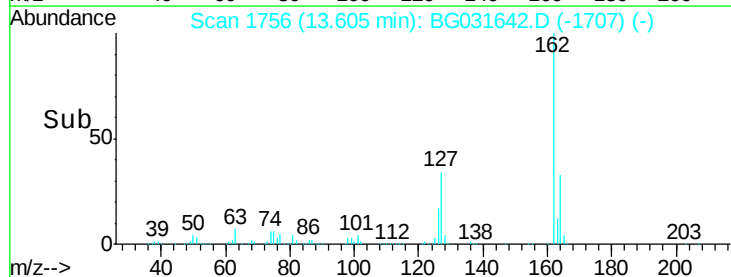
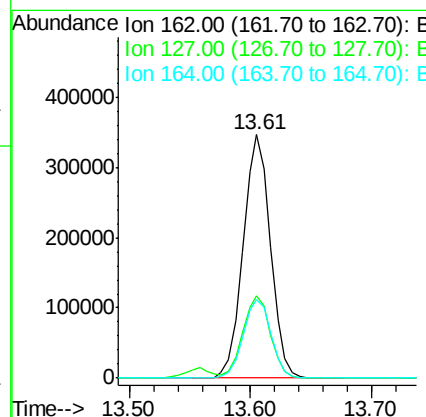
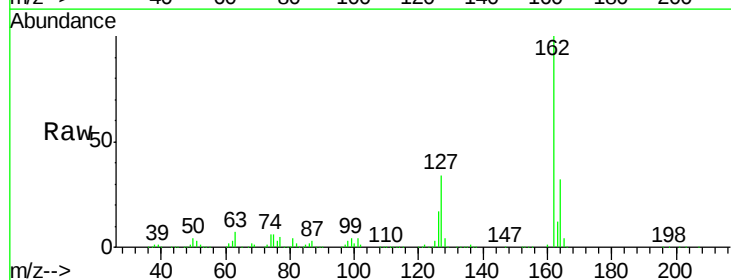
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-121417-AMS

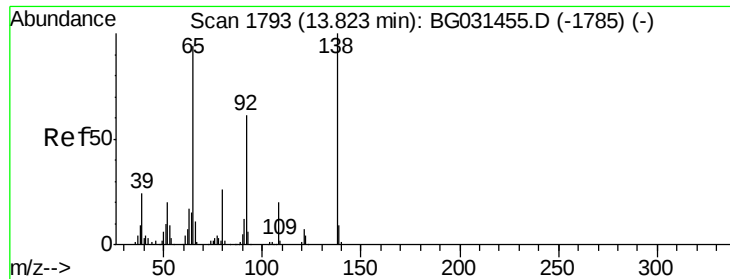
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	19.8	59.8
76	10.3	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 45.040 ng
 RT: 13.61 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG031642.D
 Acq: 18 Dec 2017 20:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.9	30.7	46.1
164	32.5	26.0	39.0





#47

2-Nitroaniline

Concen: 39.230 ng

RT: 13.82 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

Instrument :

BNA_G

ClientSampleId :

CL-02-121417-AMS

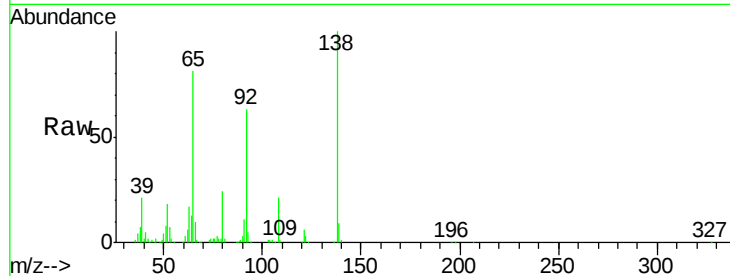
Tgt Ion: 65 Resp: 133630

Ion Ratio Lower Upper

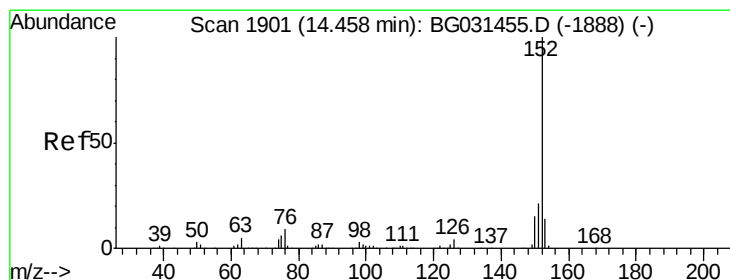
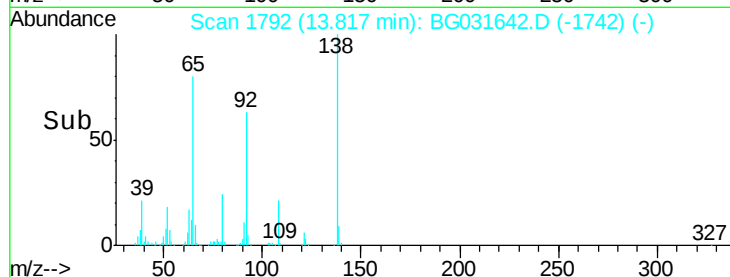
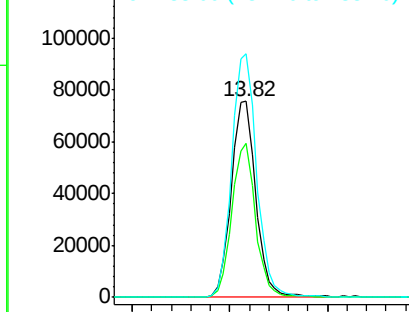
65 100

92 78.2 54.6 82.0

138 124.1 72.9 109.3#



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



#48

Acenaphthylene

Concen: 41.446 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

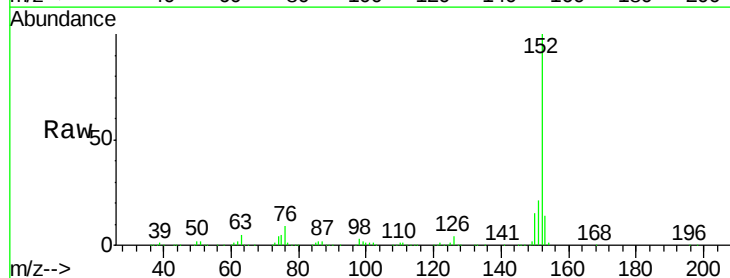
Tgt Ion: 152 Resp: 808410

Ion Ratio Lower Upper

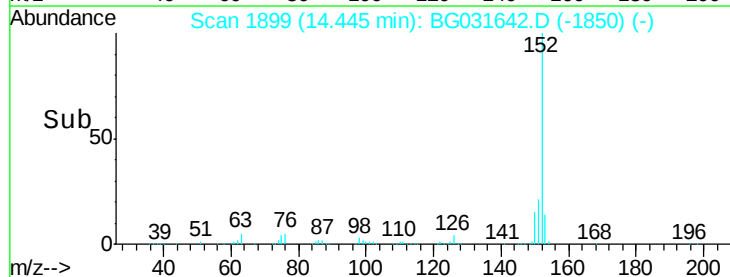
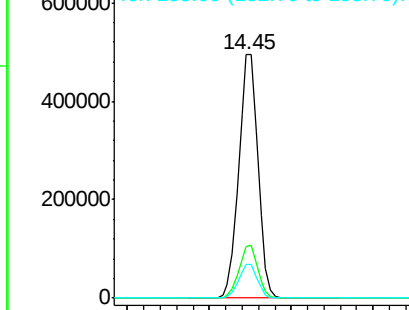
152 100

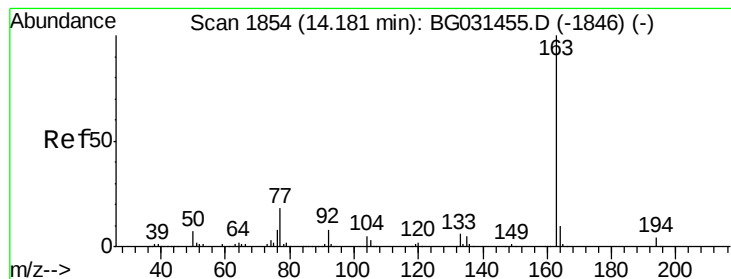
151 21.2 17.2 25.8

153 14.0 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 44.158 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

Instrument :

BNA_G

ClientSampleId :

CL-02-121417-AMS

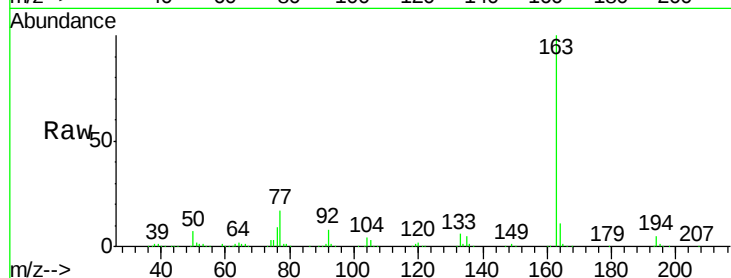
Tgt Ion:163 Resp: 737189

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

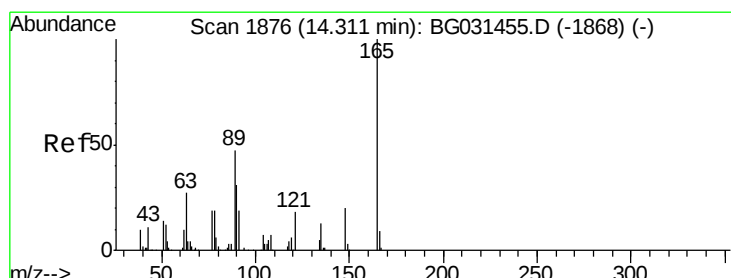
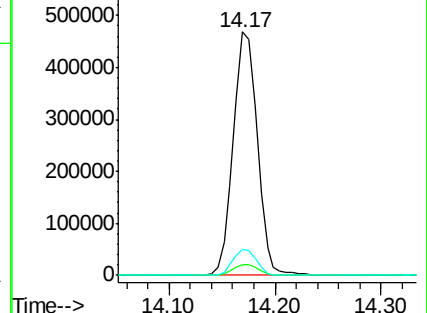
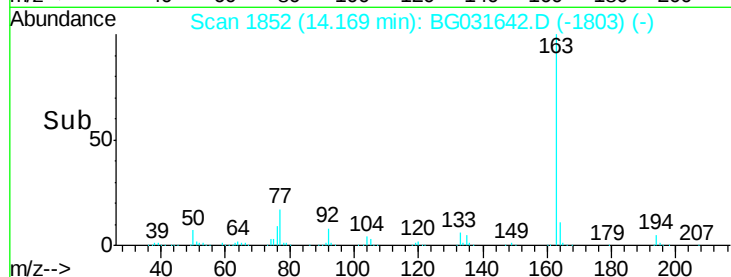
164 10.6 8.2 12.4



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: 47.797 ng

RT: 14.30 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

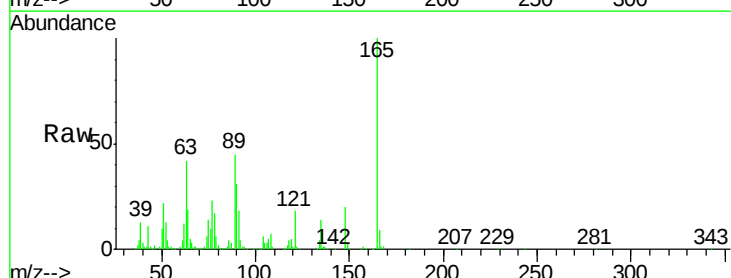
Tgt Ion:165 Resp: 170556

Ion Ratio Lower Upper

165 100

63 42.4 52.7 79.1#

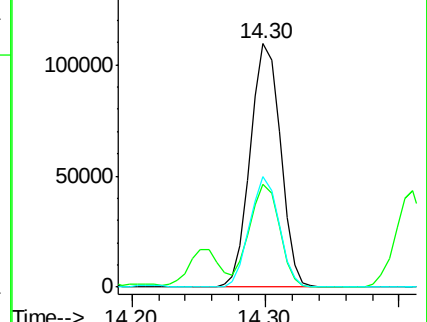
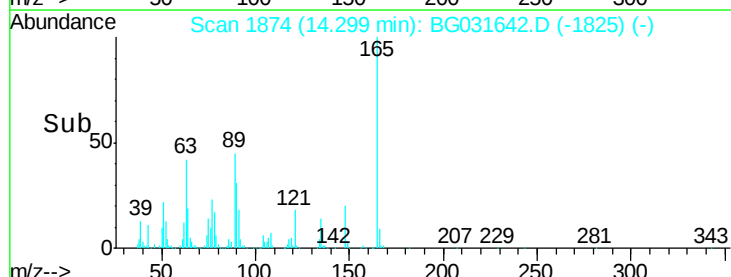
89 45.2 49.2 73.8#

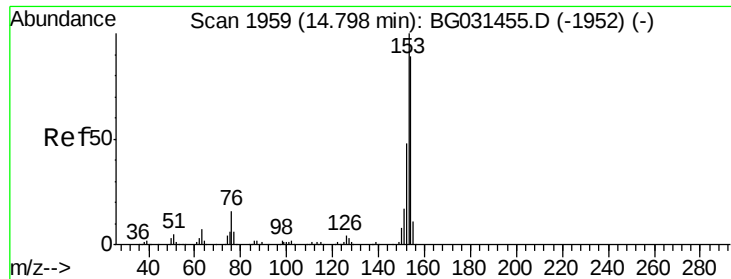


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 41.756 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

Instrument :

BNA_G

ClientSampleId :

CL-02-121417-AMS

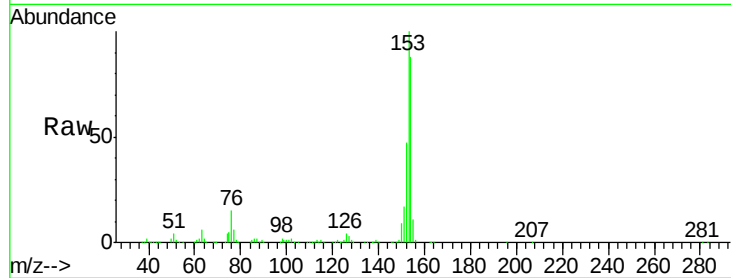
Tgt Ion:154 Resp: 514990

Ion Ratio Lower Upper

154 100

153 113.0 90.4 135.6

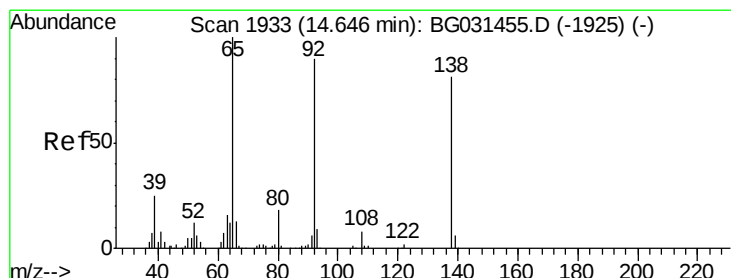
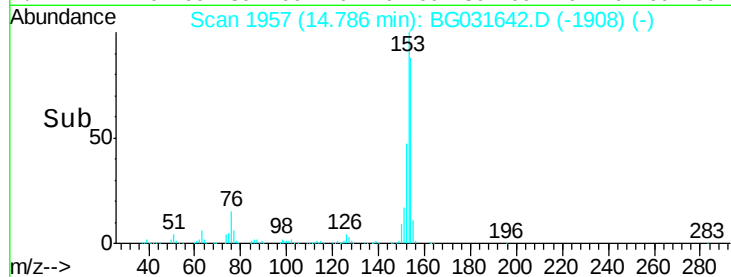
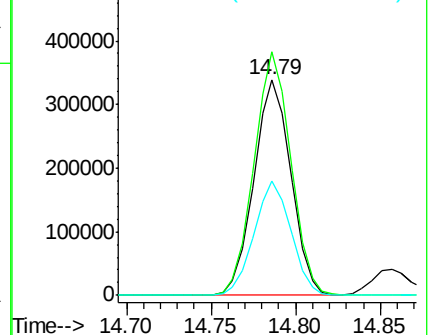
152 53.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 8.161 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

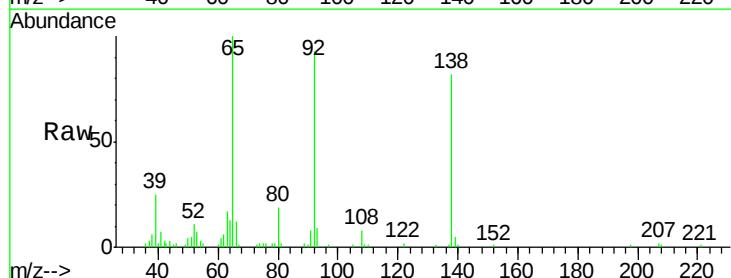
Tgt Ion:138 Resp: 29684

Ion Ratio Lower Upper

138 100

108 9.5 17.5 26.3#

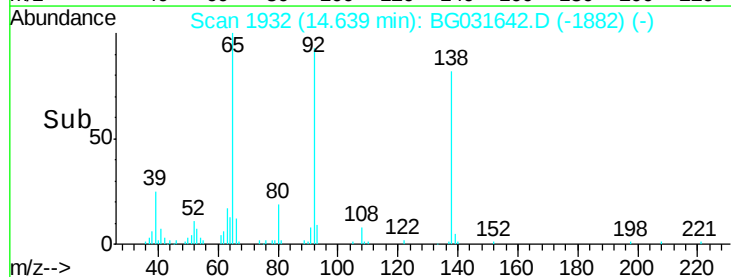
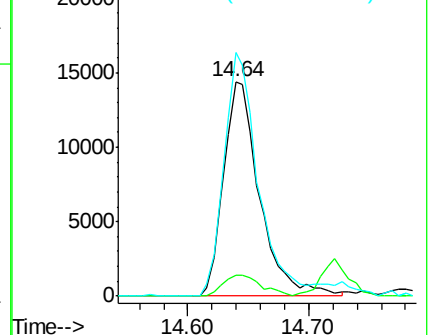
92 113.6 105.8 158.8

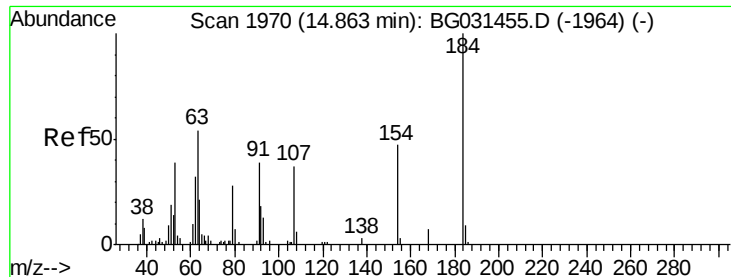


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

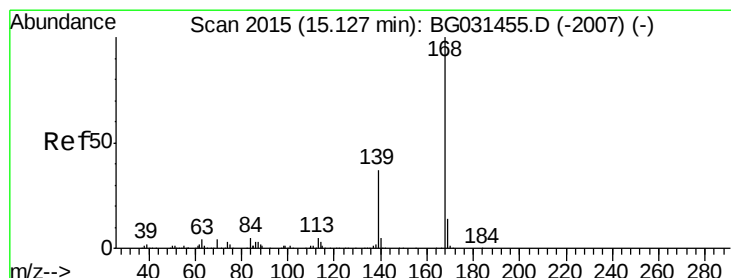
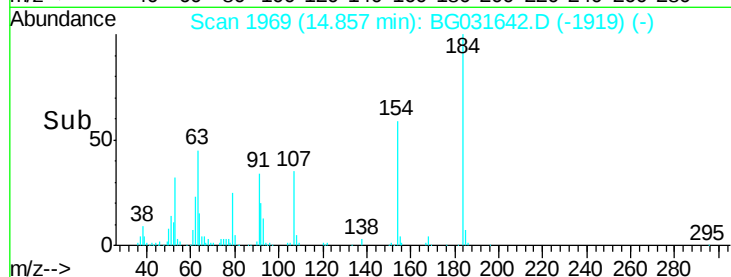
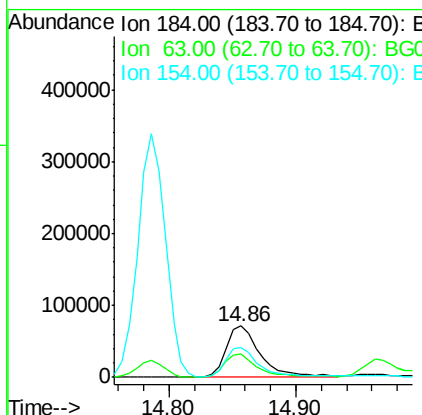
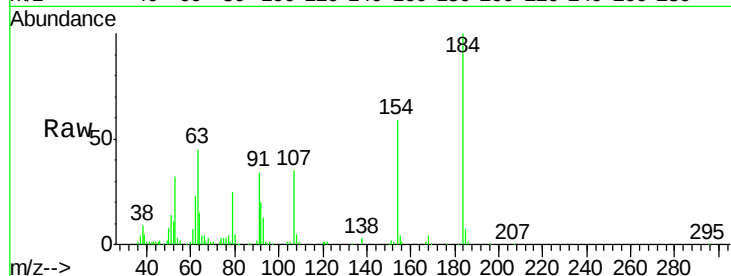




#53
2,4-Dinitrophenol
Concen: 89.487 ng
RT: 14.86 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

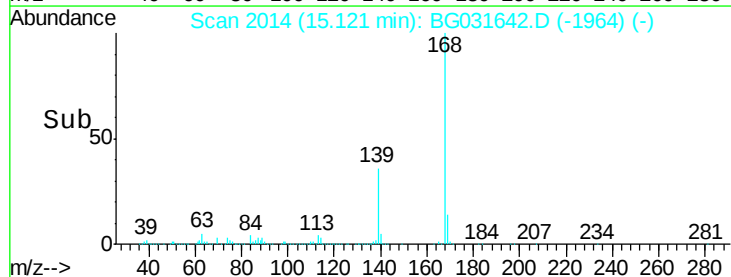
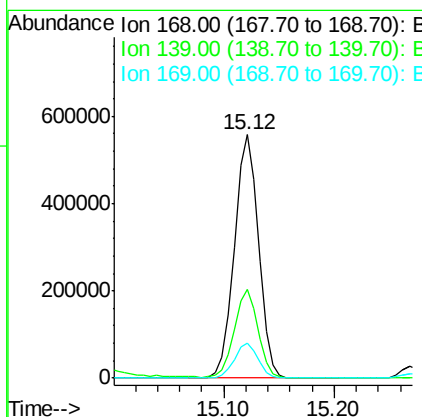
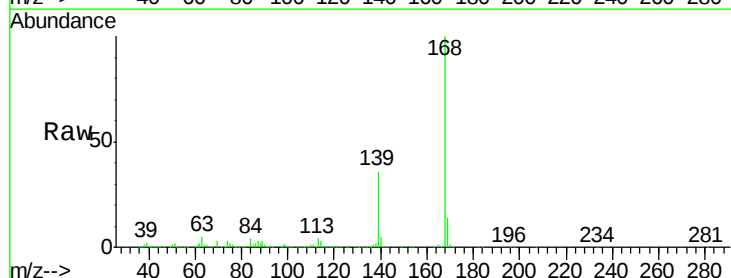
Instrument :
BNA_G
ClientSampleId :
CL-02-121417-AMS

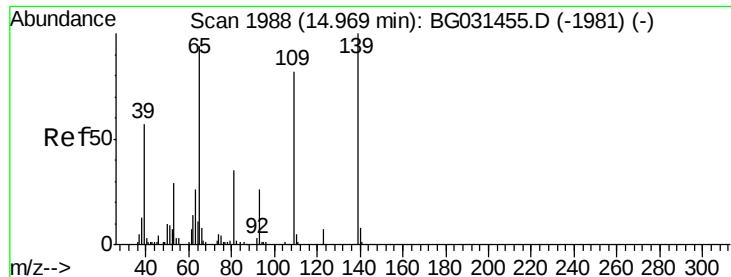
Tgt Ion:184 Resp: 135058
Ion Ratio Lower Upper
184 100
63 45.3 59.8 89.8#
154 58.8 101.8 152.8#



#54
Dibenzofuran
Concen: 43.434 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

Tgt Ion:168 Resp: 854813
Ion Ratio Lower Upper
168 100
139 36.2 28.6 43.0
169 14.3 11.2 16.8

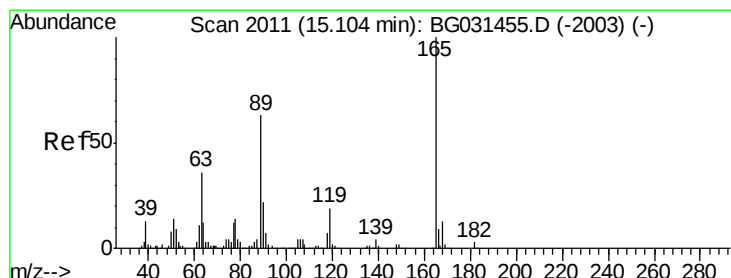
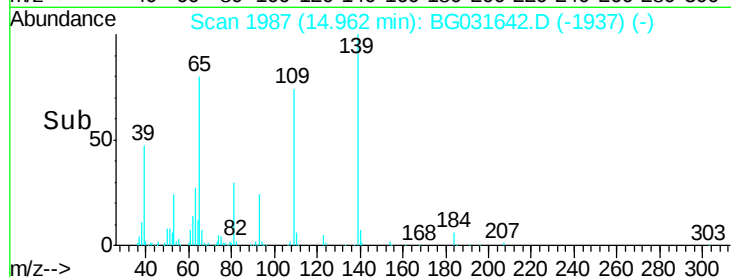
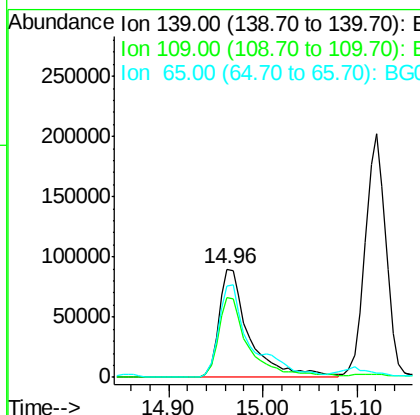
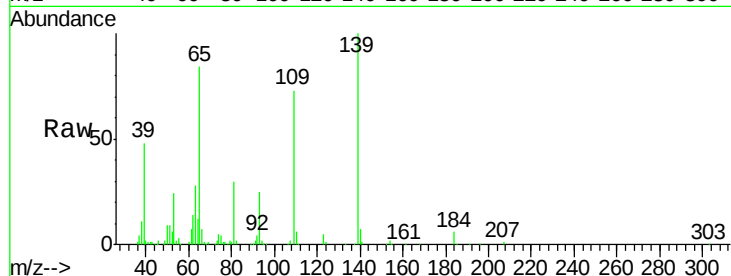




#55
4-Nitrophenol
Concen: 81.937 ng
RT: 14.96 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

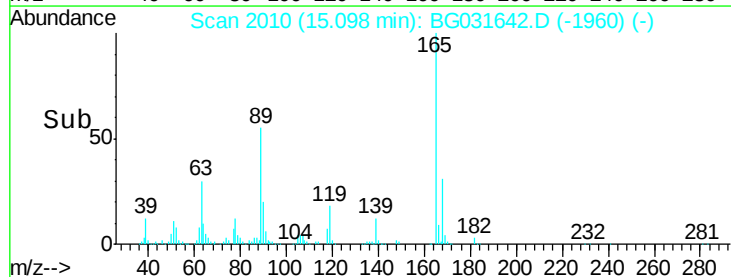
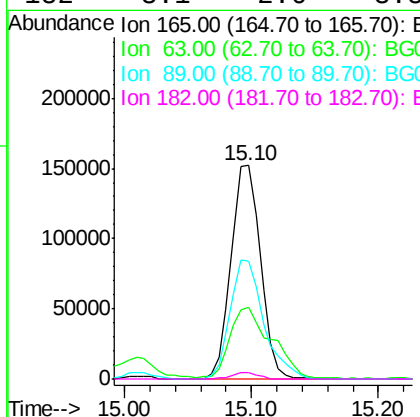
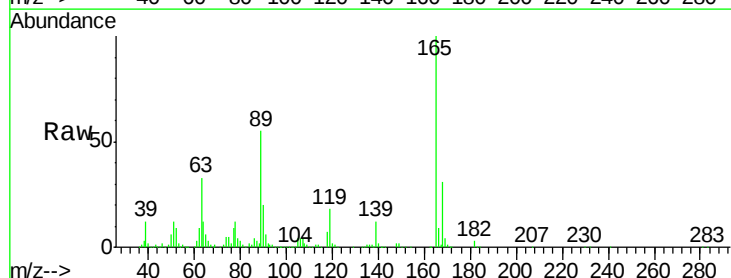
Instrument :
BNA_G
ClientSampleId :
CL-02-121417-AMS

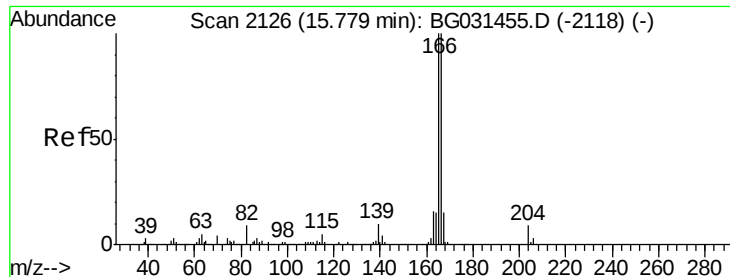
Tgt Ion:139 Resp: 201611
Ion Ratio Lower Upper
139 100
109 73.4 62.2 102.2
65 84.5 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 48.177 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

Tgt Ion:165 Resp: 244168
Ion Ratio Lower Upper
165 100
63 33.4 42.0 63.0#
89 55.0 66.9 100.3#
182 3.1 2.6 3.8





#57

Fluorene

Concen: 43.407 ng

RT: 15.77 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

Instrument :

BNA_G

ClientSampleId :

CL-02-121417-AMS

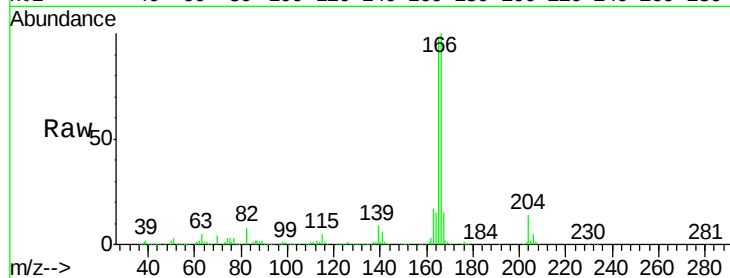
Tgt Ion:166 Resp: 684511

Ion Ratio Lower Upper

166 100

165 98.2 80.6 121.0

167 14.6 10.4 15.6

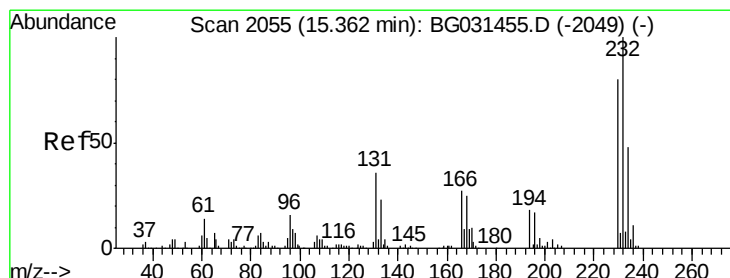
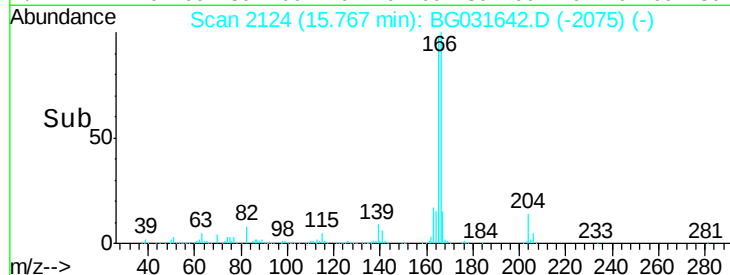
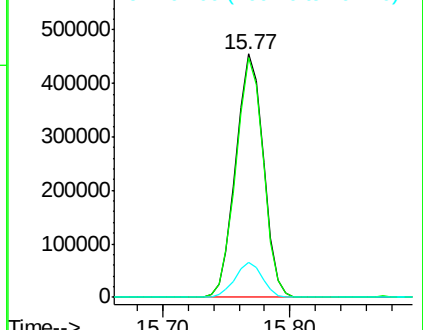


Abundance

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: 53.597 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

Tgt Ion:232 Resp: 218505

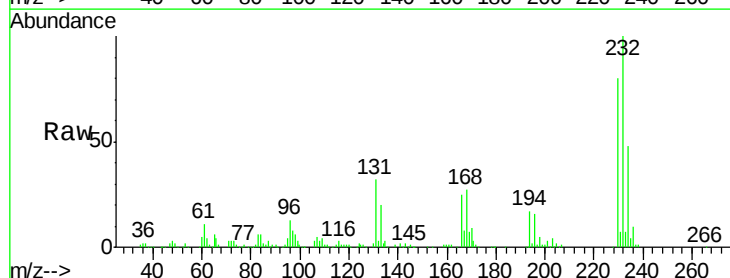
Ion Ratio Lower Upper

232 100

131 32.3 33.5 50.3#

130 1.9 2.2 3.2#

166 26.0 24.8 37.2



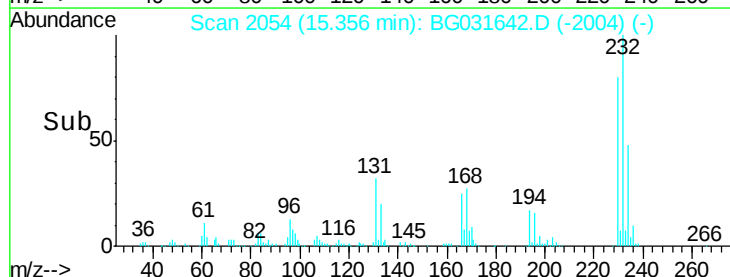
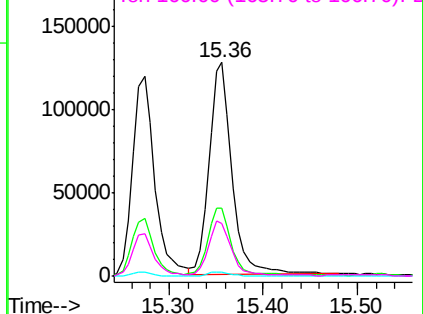
Abundance

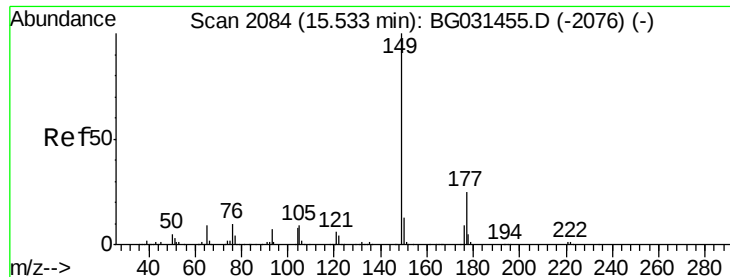
Ion 232.00 (231.70 to 232.70): E

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

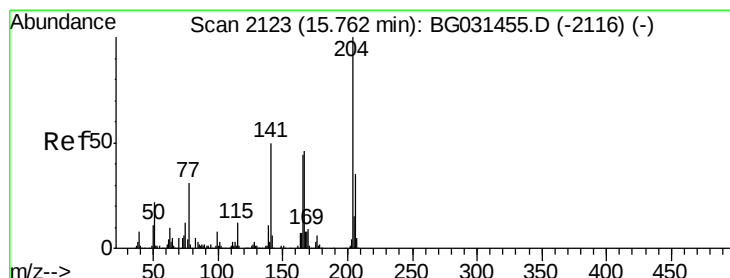
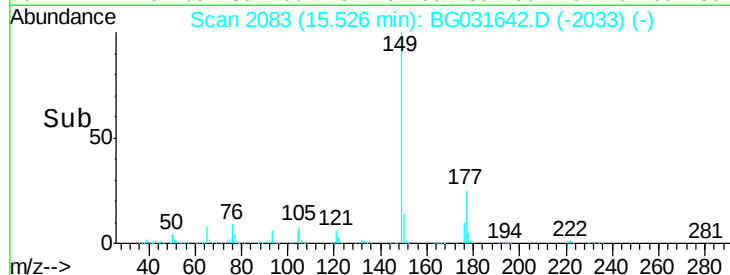
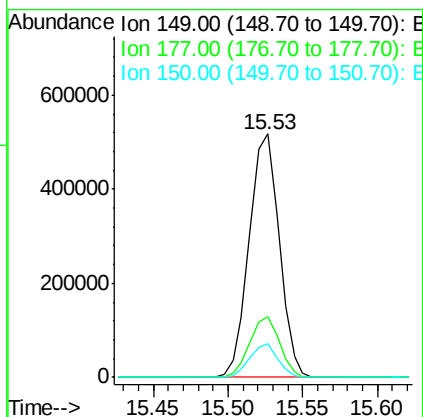
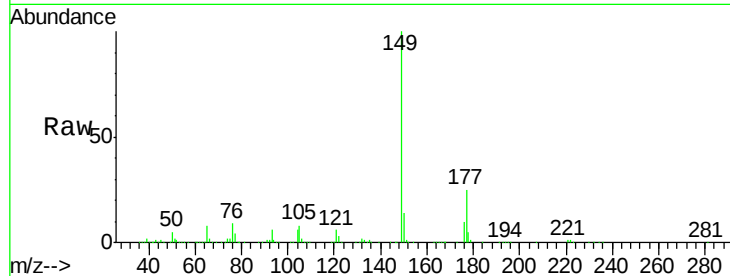




#59
Diethylphthalate
Concen: 43.108 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

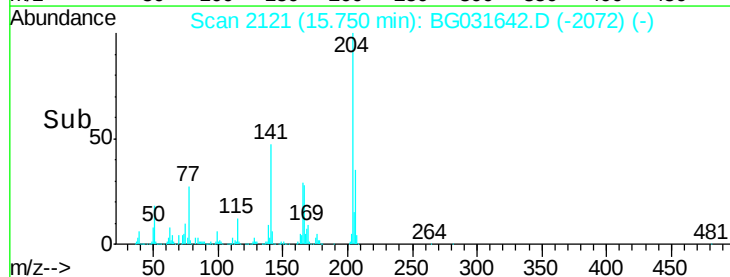
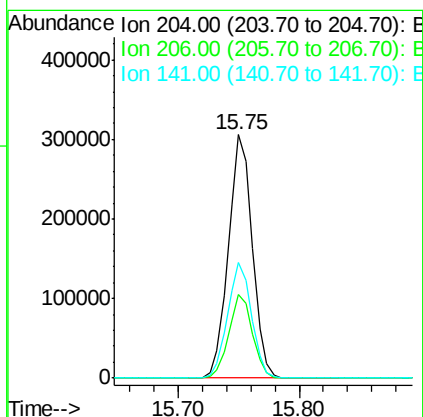
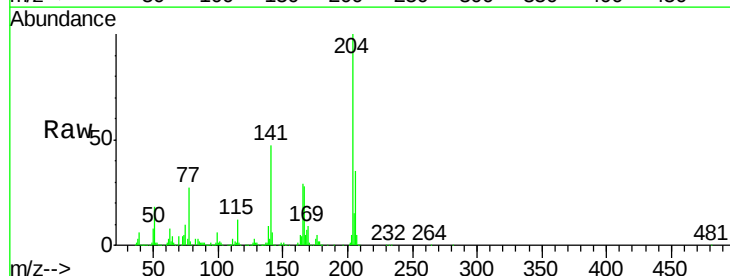
Instrument :
BNA_G
ClientSampleId :
CL-02-121417-AMS

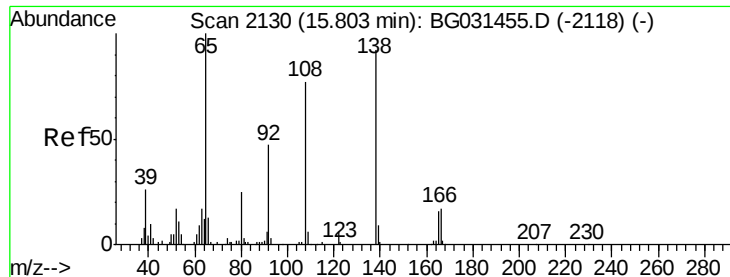
Tgt Ion:149 Resp: 721356
Ion Ratio Lower Upper
149 100
177 25.1 18.5 27.7
150 13.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.488 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

Tgt Ion:204 Resp: 419577
Ion Ratio Lower Upper
204 100
206 34.5 26.2 39.2
141 47.4 45.8 68.6

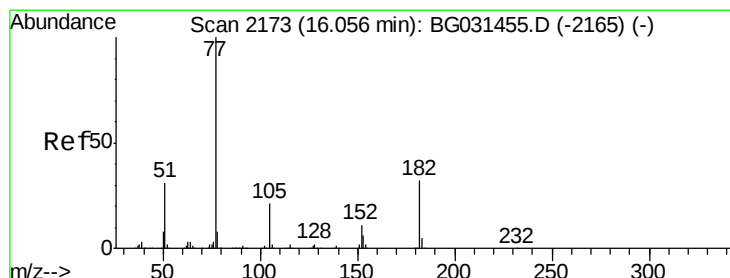
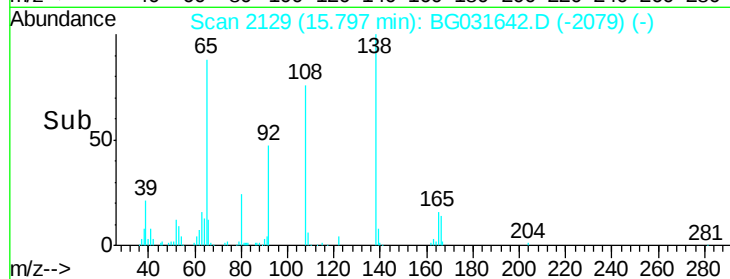
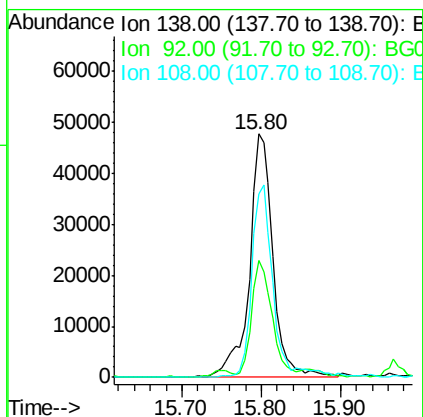
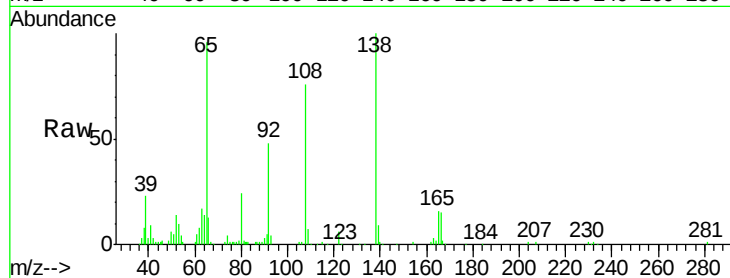




#61
4-Nitroaniline
Concen: 25.864 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

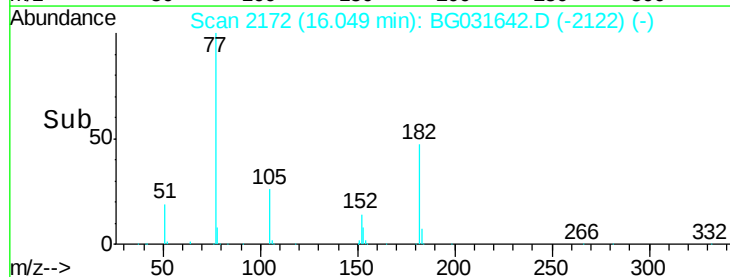
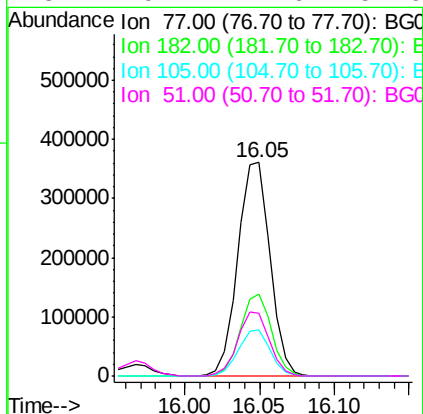
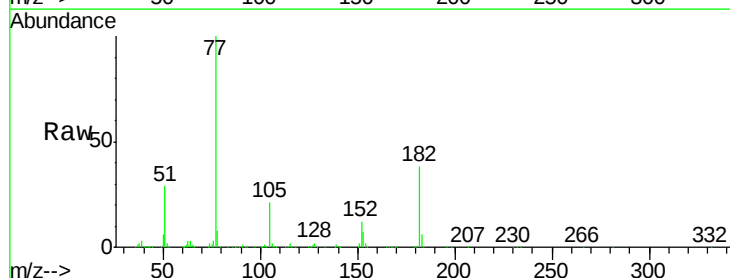
Instrument :
BNA_G
ClientSampleId :
CL-02-121417-AMS

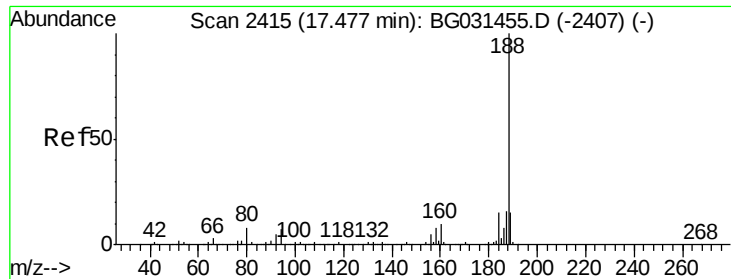
Tgt Ion: 138 Resp: 98729
Ion Ratio Lower Upper
138 100
92 48.0 40.1 80.1
108 75.6 65.4 105.4



#62
Azobenzene
Concen: 39.064 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

Tgt Ion: 77 Resp: 541494
Ion Ratio Lower Upper
77 100
182 38.1 7.4 47.4
105 21.4 0.3 40.3
51 29.1 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

Instrument :

BNA_G

ClientSampleId :

CL-02-121417-AMS

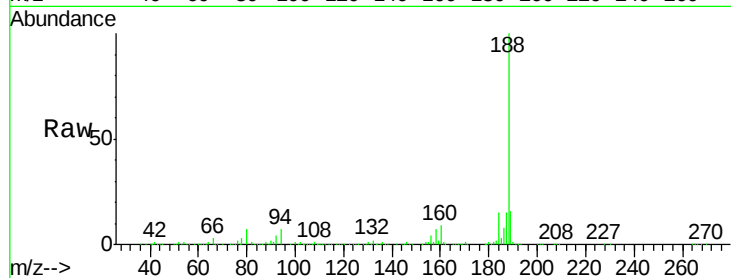
Tgt Ion:188 Resp: 514622

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

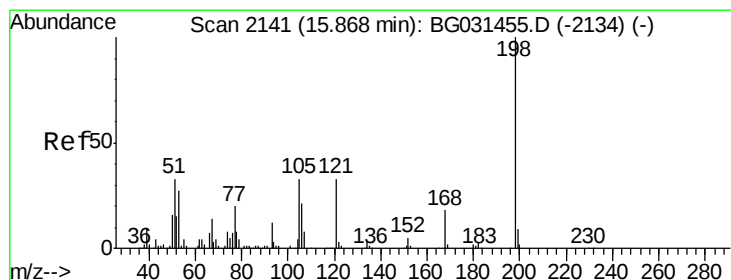
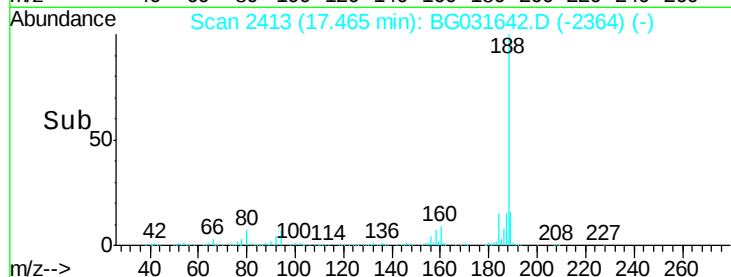
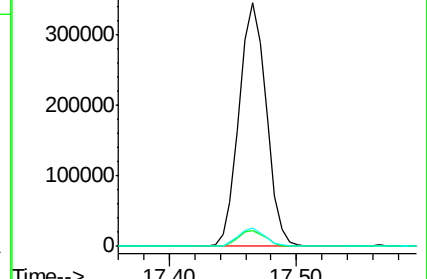
80 7.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

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: 39.376 ng

RT: 15.86 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

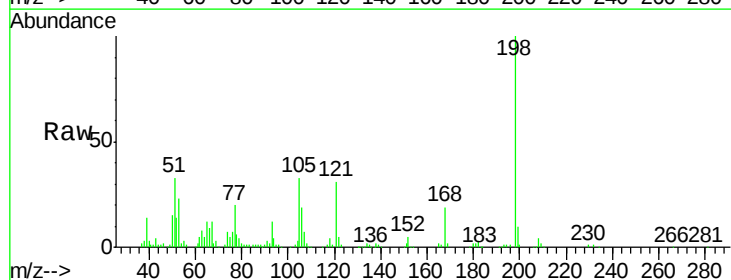
Tgt Ion:198 Resp: 119592

Ion Ratio Lower Upper

198 100

51 33.4 30.6 70.6

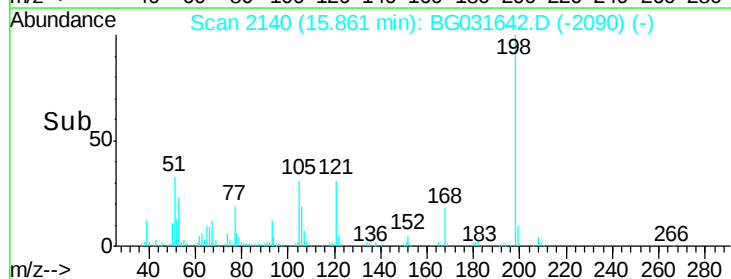
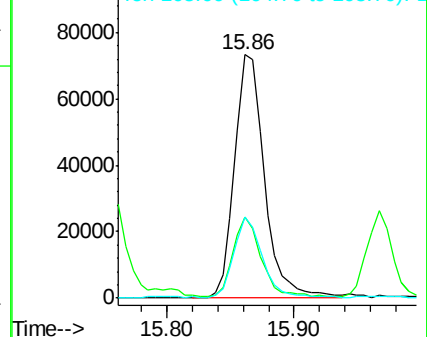
105 33.1 23.8 63.8

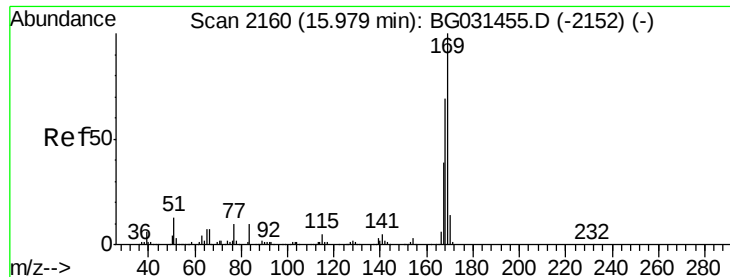


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

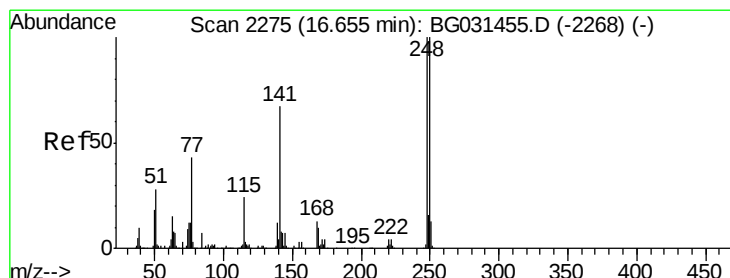
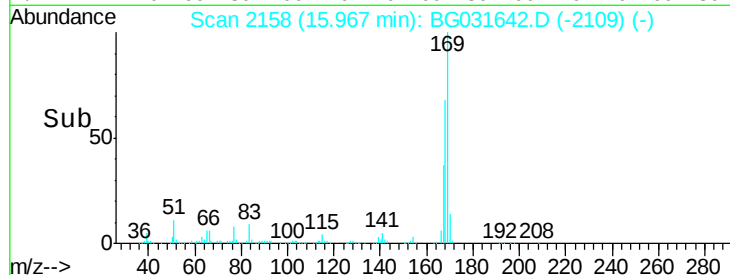
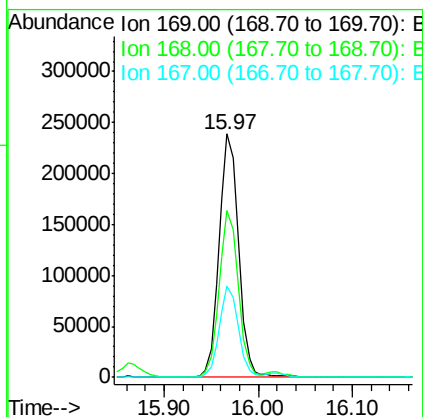
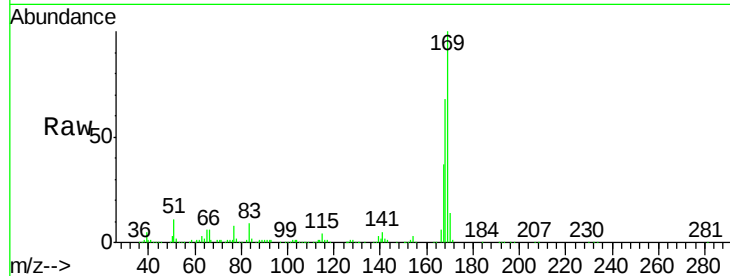




#65
 n-Nitrosodiphenylamine
 Concen: 23.095 ng
 RT: 15.97 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG031642.D
 Acq: 18 Dec 2017 20:13

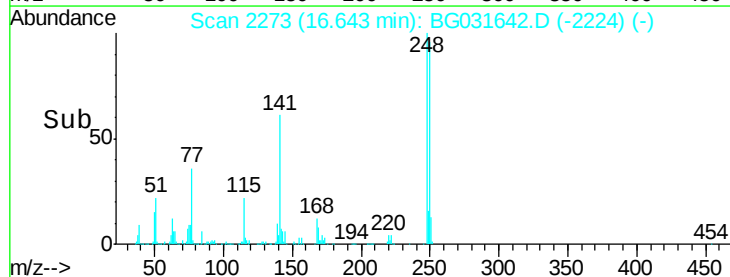
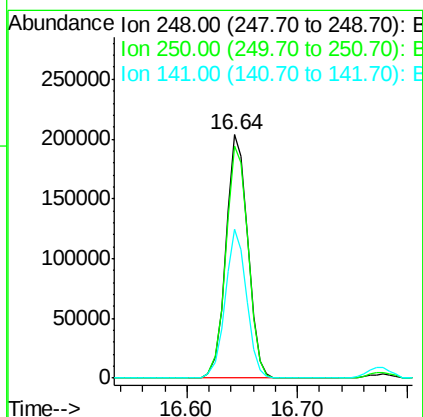
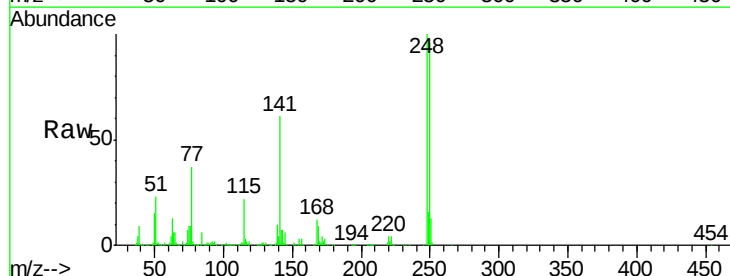
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-121417-AMS

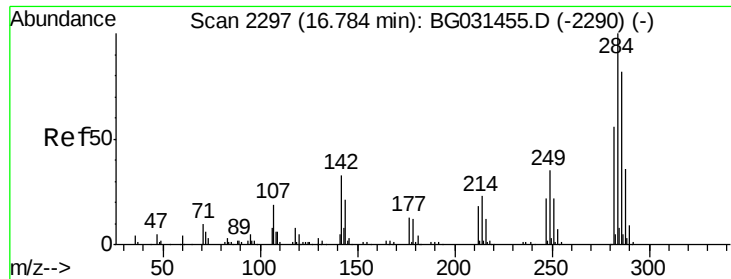
Tgt Ion:169 Resp: 347884
 Ion Ratio Lower Upper
 169 100
 168 68.3 55.7 83.5
 167 37.4 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 47.225 ng
 RT: 16.64 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BG031642.D
 Acq: 18 Dec 2017 20:13

Tgt Ion:248 Resp: 282602
 Ion Ratio Lower Upper
 248 100
 250 95.6 77.1 115.7
 141 61.0 50.8 76.2





#67

Hexachlorobenzene

Concen: 46.823 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

Instrument :

BNA_G

ClientSampleId :

CL-02-121417-AMS

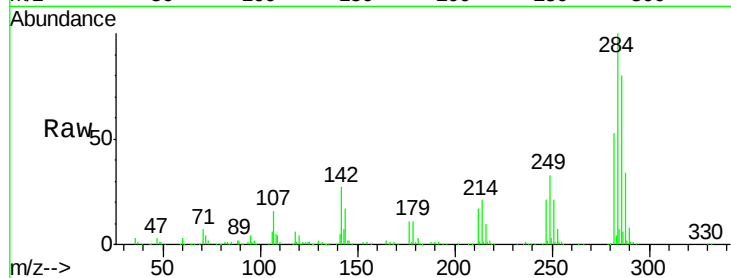
Tgt Ion:284 Resp: 289336

Ion Ratio Lower Upper

284 100

142 26.7 26.8 40.2#

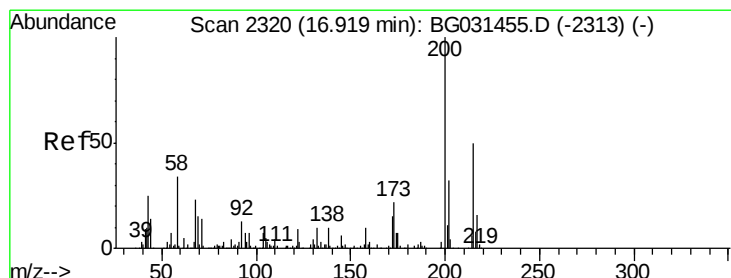
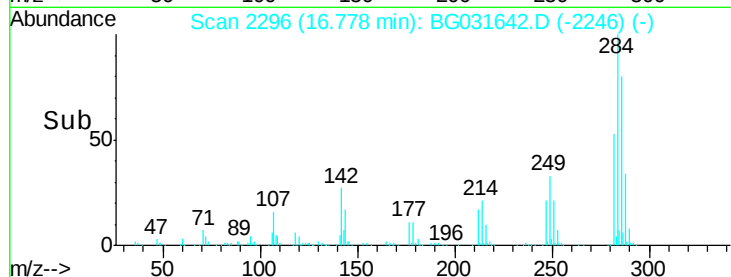
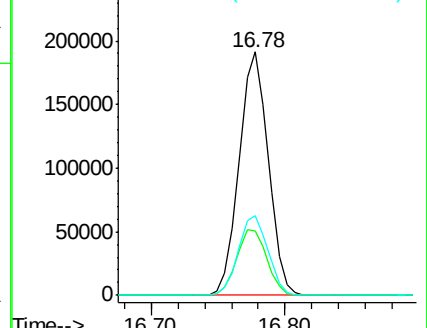
249 32.6 26.3 39.5



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: 18.706 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

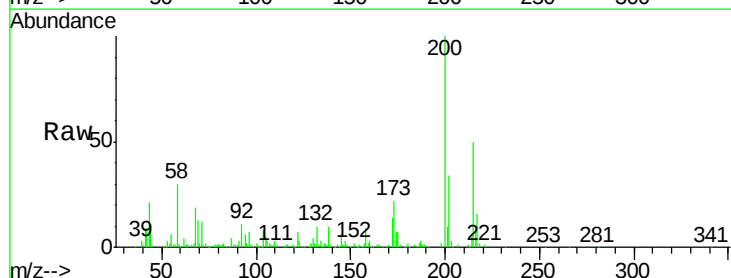
Tgt Ion:200 Resp: 103026

Ion Ratio Lower Upper

200 100

173 22.4 5.2 45.2

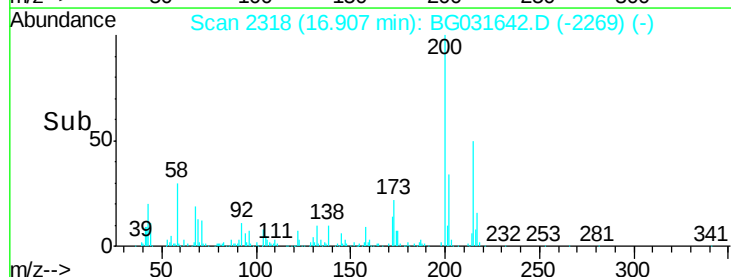
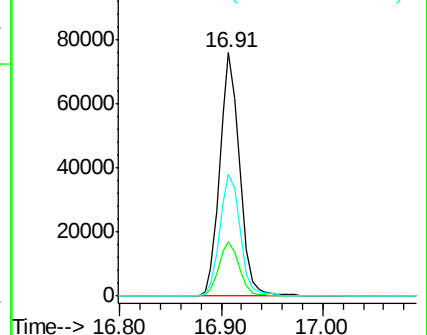
215 50.2 30.4 70.4

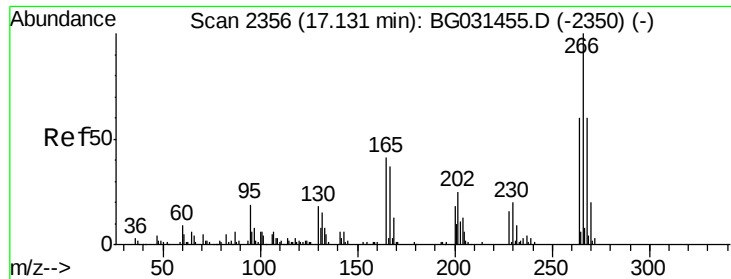


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 78.165 ng

RT: 17.12 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

Instrument :

BNA_G

ClientSampleId :

CL-02-121417-AMS

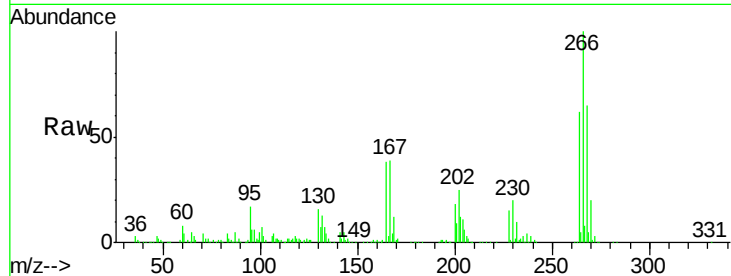
Tgt Ion:266 Resp: 231761

Ion Ratio Lower Upper

266 100

268 64.7 51.1 76.7

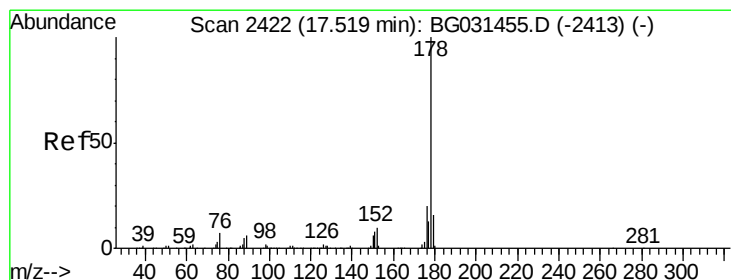
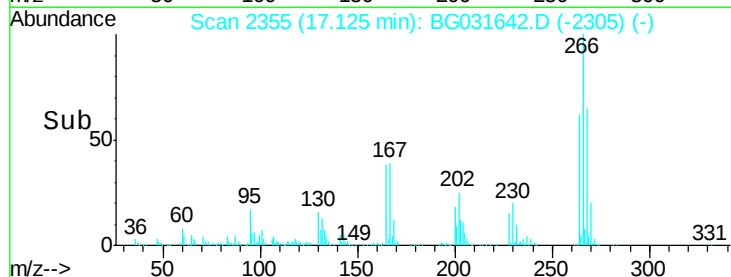
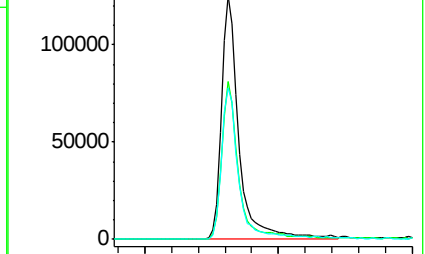
264 62.0 49.6 74.4



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: 43.954 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

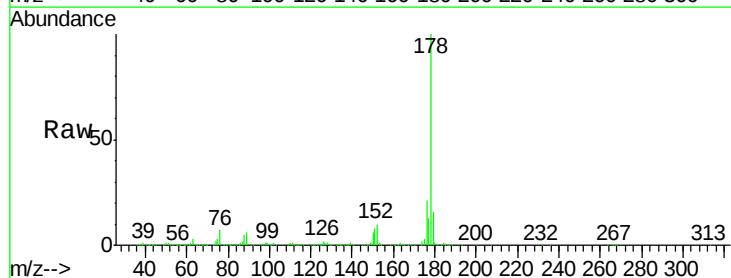
Tgt Ion:178 Resp: 1181341

Ion Ratio Lower Upper

178 100

176 20.7 15.7 23.5

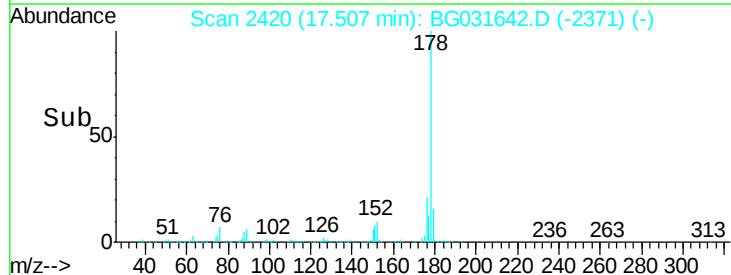
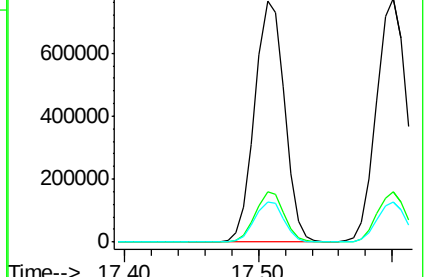
179 16.4 12.5 18.7

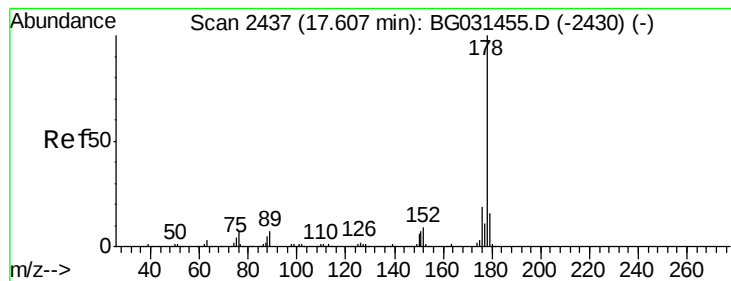


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 46.164 ng

RT: 17.60 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

Instrument :

BNA_G

ClientSampleId :

CL-02-121417-AMS

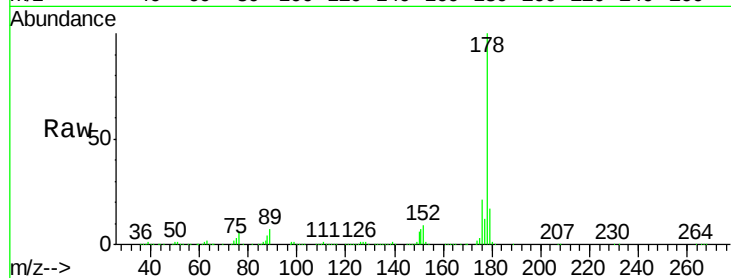
Tgt Ion:178 Resp: 1227090

Ion Ratio Lower Upper

178 100

176 20.8 16.0 24.0

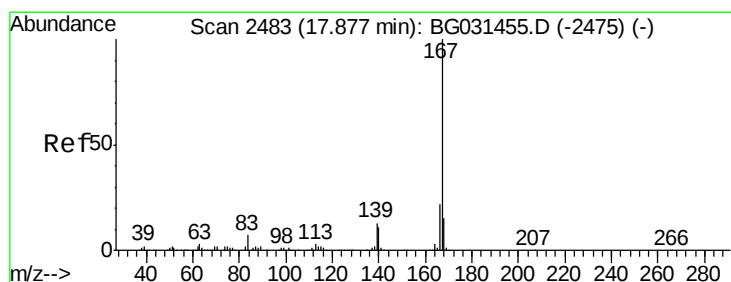
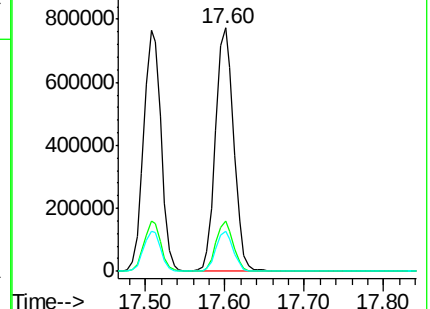
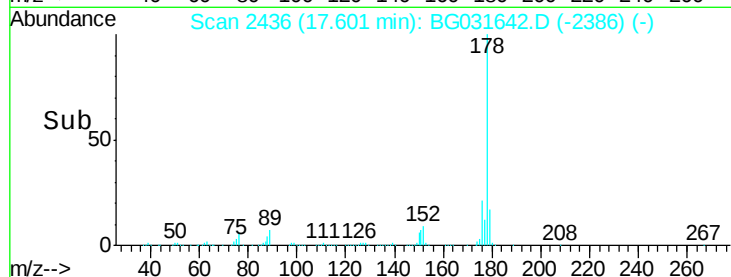
179 16.6 12.5 18.7



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: 27.977 ng

RT: 17.87 min Scan# 2482

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

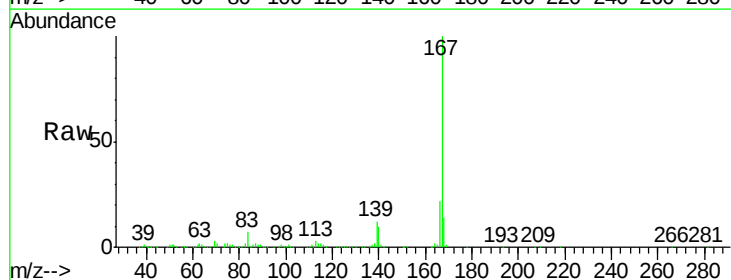
Tgt Ion:167 Resp: 672990

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.4

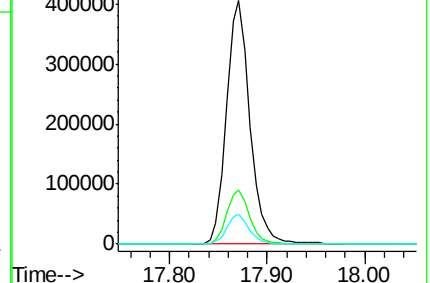
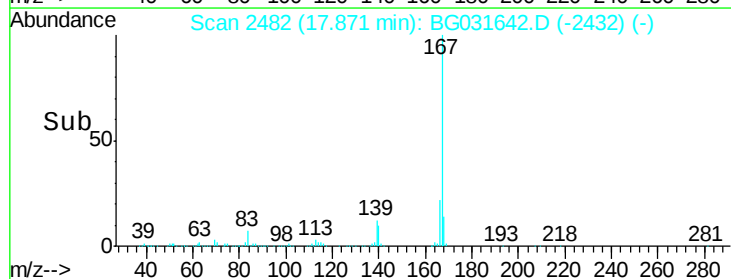
139 12.2 9.4 14.2

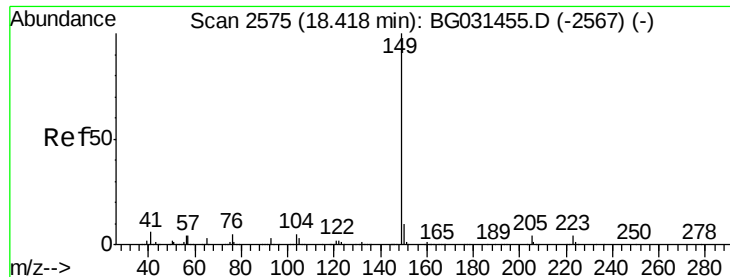


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.545 ng

RT: 18.41 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

Instrument :

BNA_G

ClientSampleId :

CL-02-121417-AMS

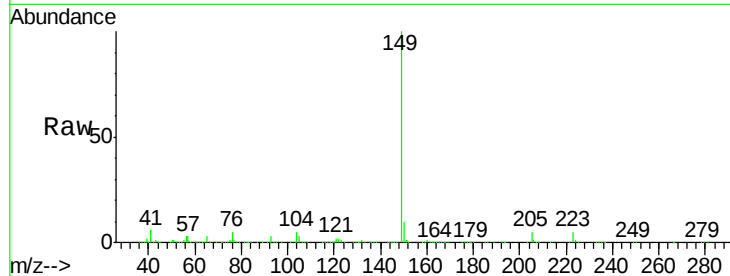
Tgt Ion:149 Resp: 1237405

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

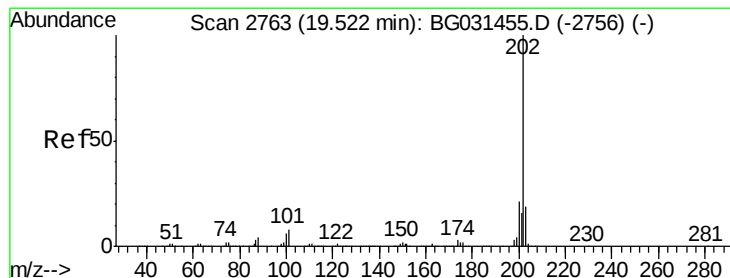
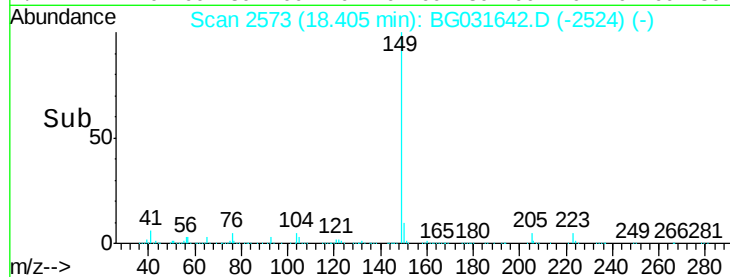
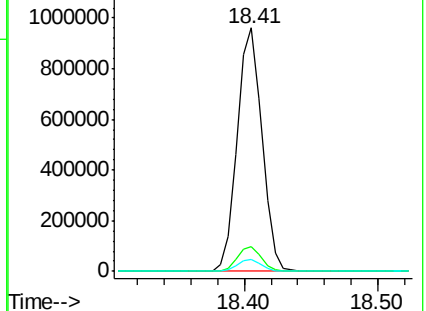
104 4.9 3.9 5.9



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: 45.570 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

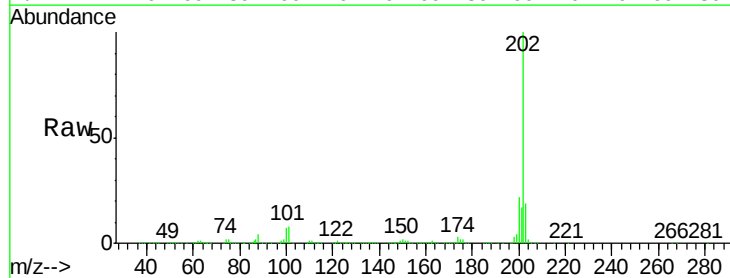
Tgt Ion:202 Resp: 1532773

Ion Ratio Lower Upper

202 100

101 7.9 0.0 28.9

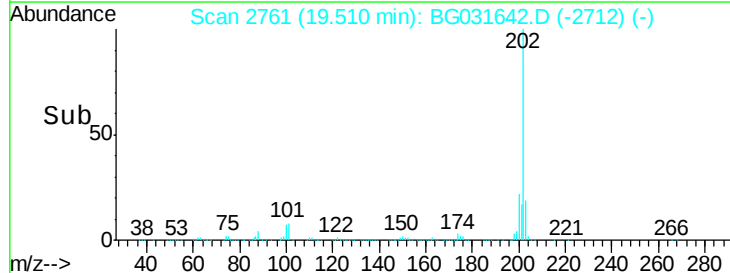
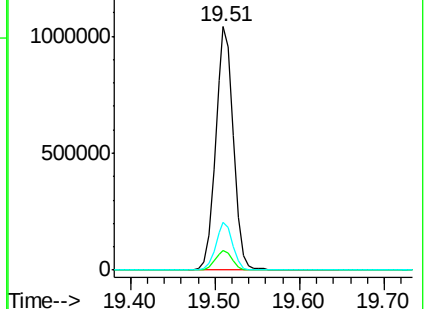
203 19.4 0.0 37.5

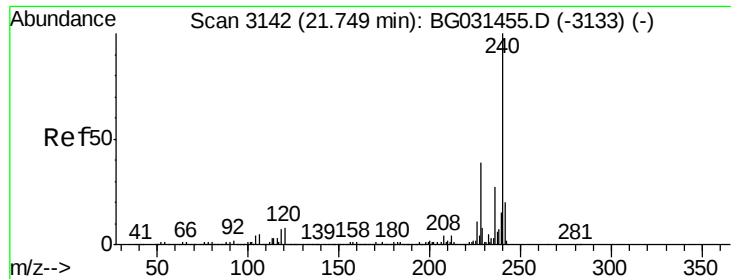


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

Instrument :

BNA_G

ClientSampleId :

CL-02-121417-AMS

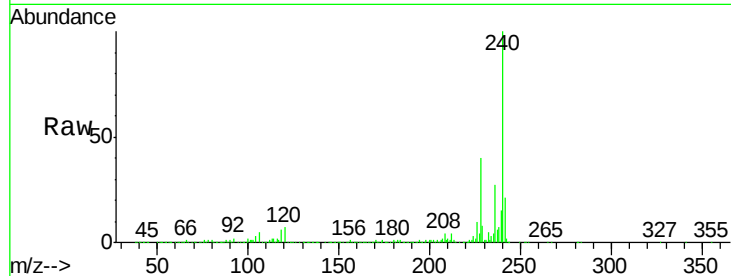
Tgt Ion:240 Resp: 549115

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

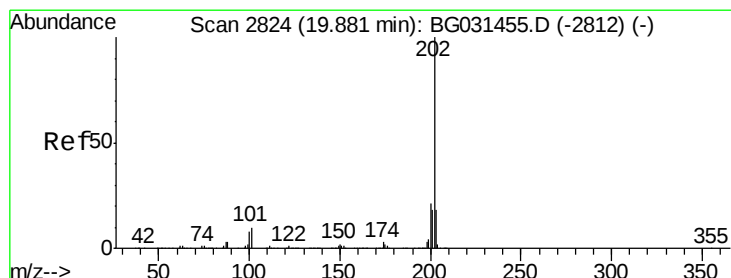
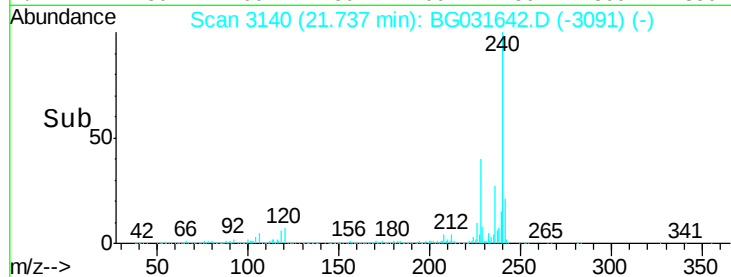
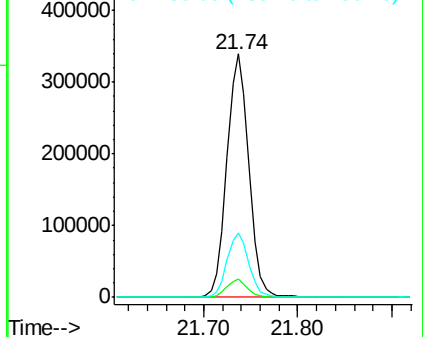
236 26.5 20.9 31.3



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



#77

Pyrene

Concen: 45.924 ng

RT: 19.87 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

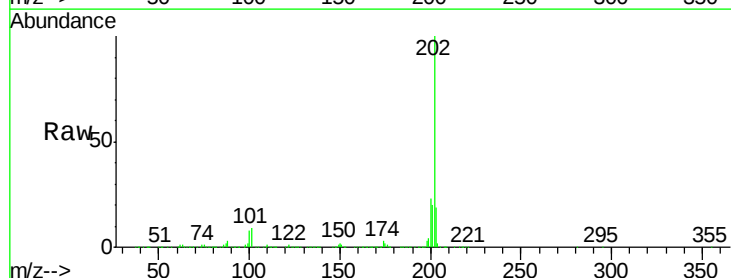
Tgt Ion:202 Resp: 1566911

Ion Ratio Lower Upper

202 100

200 22.6 16.9 25.3

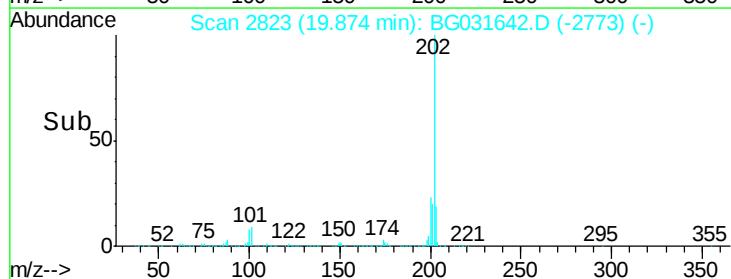
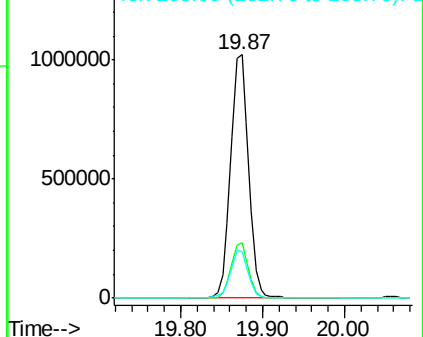
203 19.1 13.9 20.9

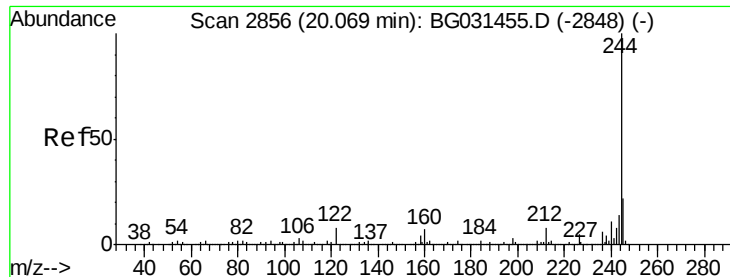


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 93.651 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

Instrument :

BNA_G

ClientSampleId :

CL-02-121417-AMS

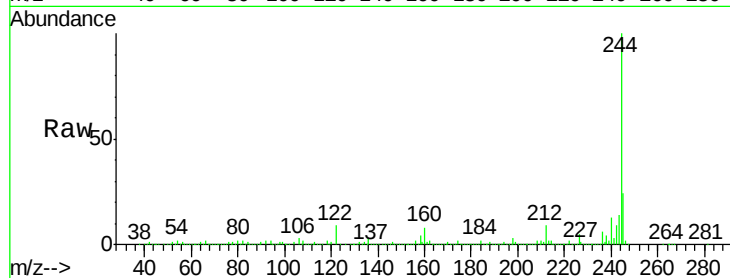
Tgt Ion:244 Resp: 2260289

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

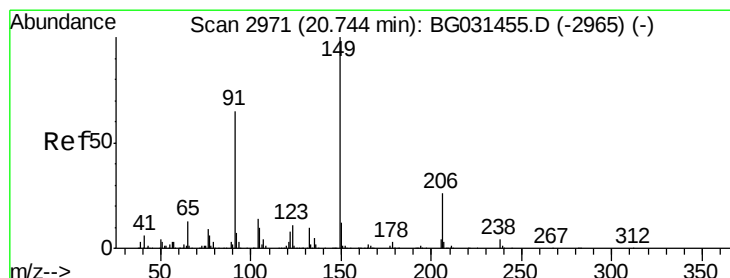
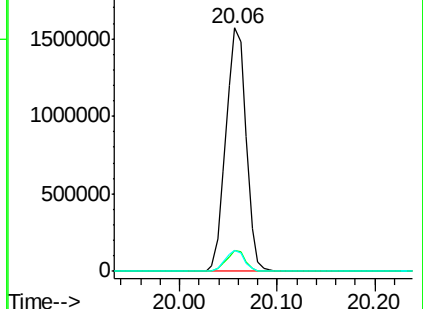
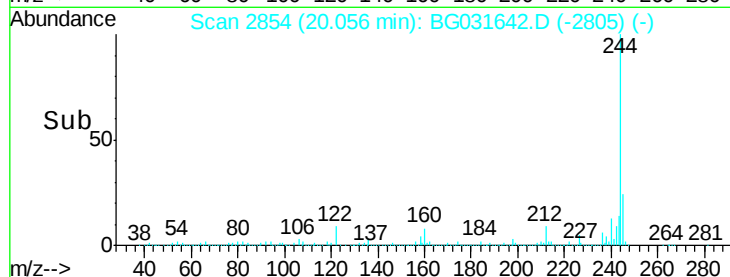
122 8.7 7.0 10.4



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: 47.914 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

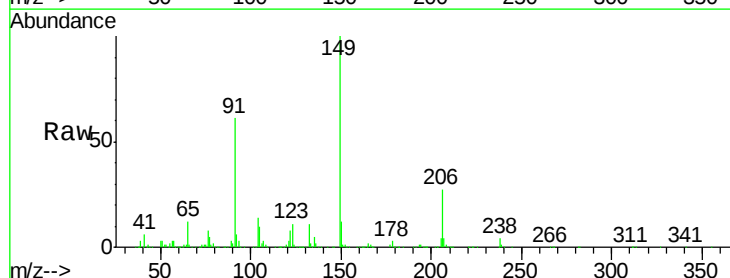
Tgt Ion:149 Resp: 573513

Ion Ratio Lower Upper

149 100

91 61.3 62.2 93.2#

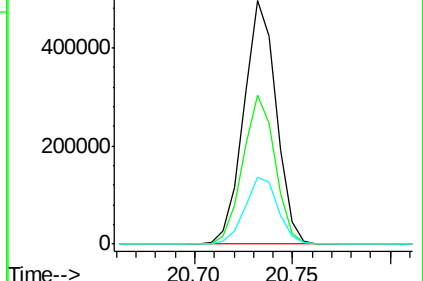
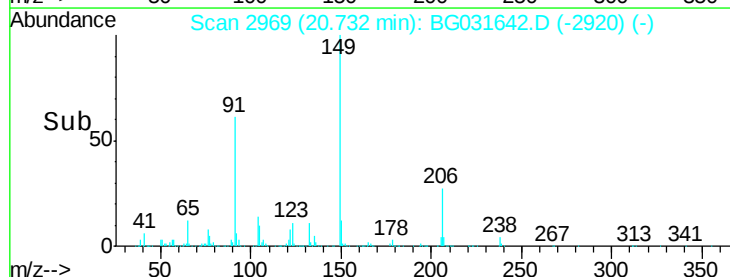
206 27.3 18.6 27.8

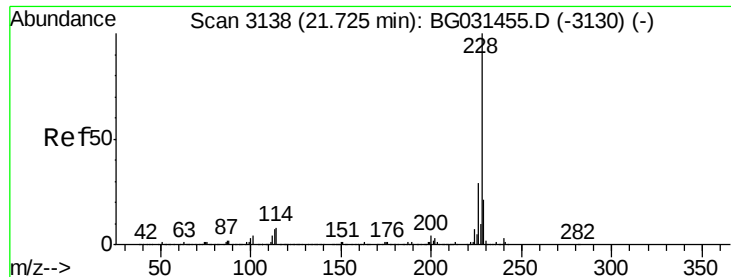


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 45.346 ng

RT: 21.71 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

Instrument :

BNA_G

ClientSampleId :

CL-02-121417-AMS

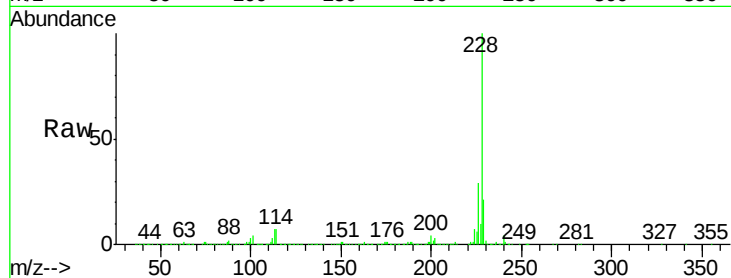
Tgt Ion:228 Resp: 1502957

Ion Ratio Lower Upper

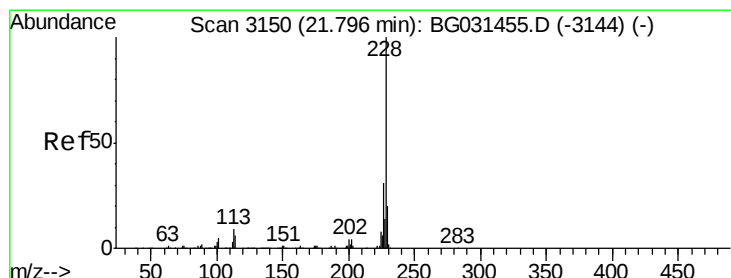
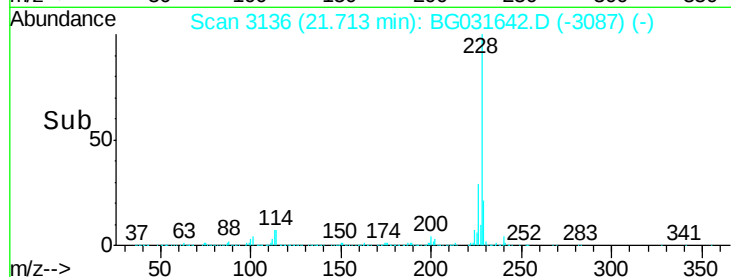
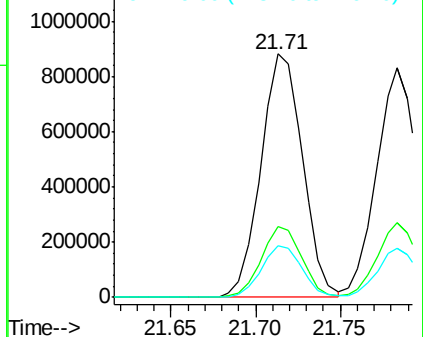
228 100

226 29.0 22.7 34.1

229 21.5 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
1200000
Ion 226.00 (225.70 to 226.70): E
1000000
Ion 229.00 (228.70 to 229.70): E
800000
600000
400000
200000
0



#82

Chrysene

Concen: 44.765 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

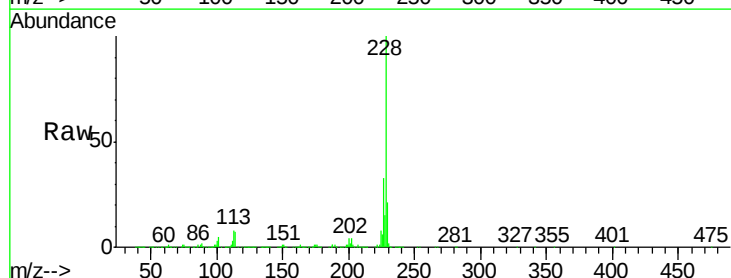
Tgt Ion:228 Resp: 1422346

Ion Ratio Lower Upper

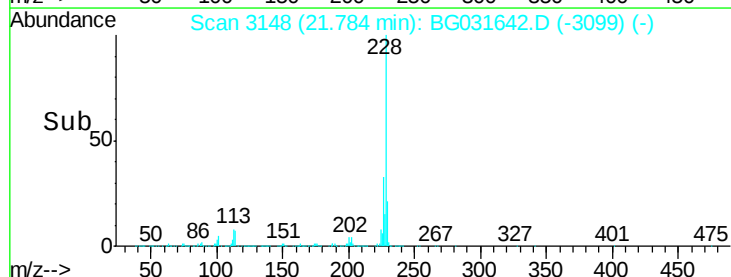
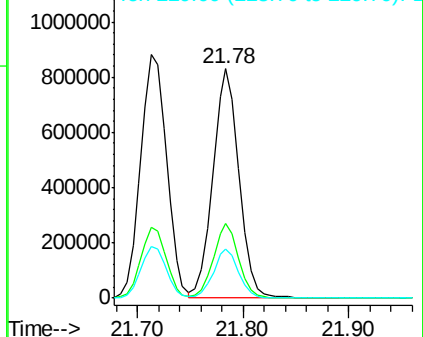
228 100

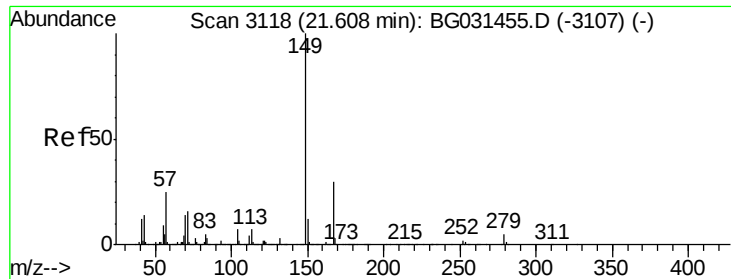
226 32.6 24.9 37.3

229 21.4 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E
1200000
Ion 226.00 (225.70 to 226.70): E
1000000
Ion 229.00 (228.70 to 229.70): E
800000
600000
400000
200000
0





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.792 ng

RT: 21.59 min Scan# 3115

Delta R.T. -0.02 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

Instrument :

BNA_G

ClientSampleId :

CL-02-121417-AMS

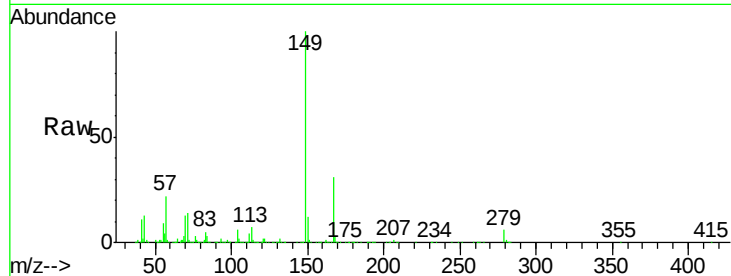
Tgt Ion:149 Resp: 788575

Ion Ratio Lower Upper

149 100

167 30.9 24.3 36.5

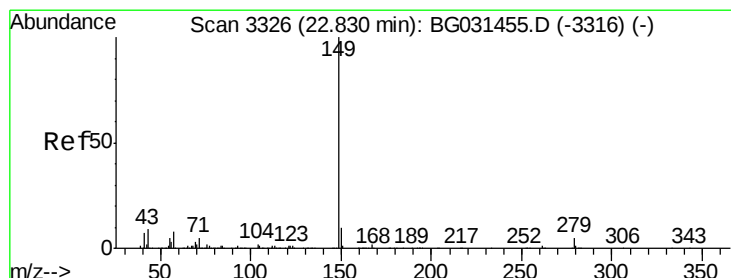
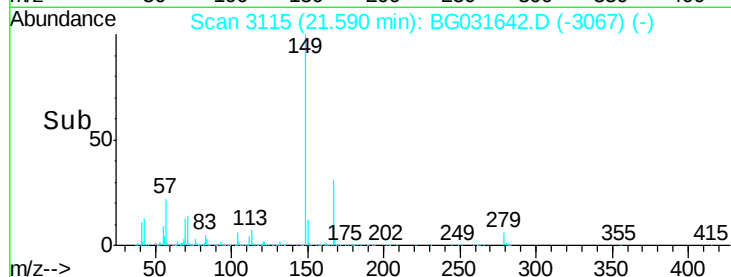
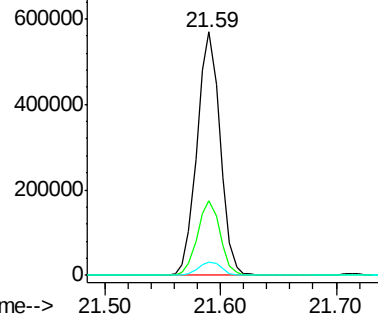
279 5.6 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.272 ng

RT: 22.81 min Scan# 3322

Delta R.T. -0.02 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

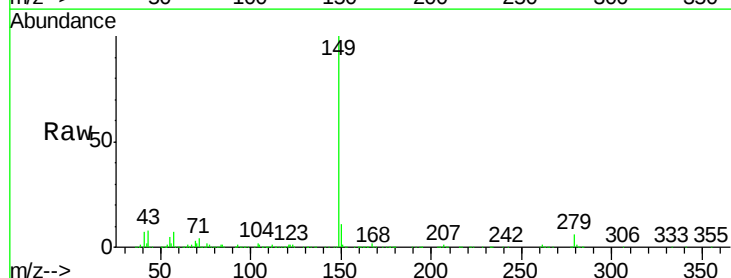
Tgt Ion:149 Resp: 1257576

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

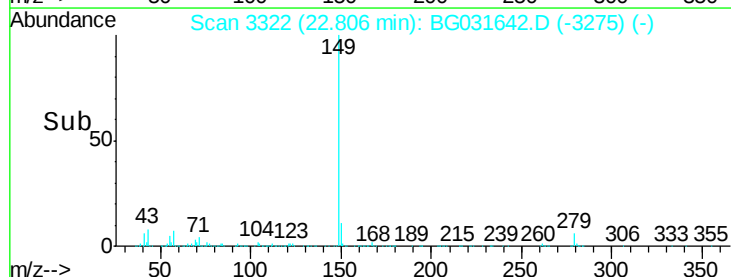
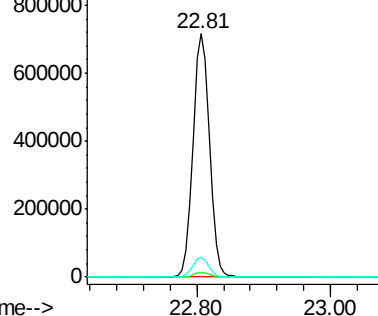
43 7.9 8.9 13.3#

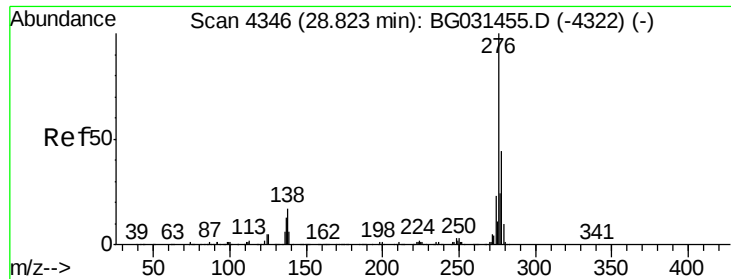


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.161 ng

RT: 28.78 min Scan# 4339

Delta R.T. -0.04 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

Instrument :

BNA_G

ClientSampleId :

CL-02-121417-AMS

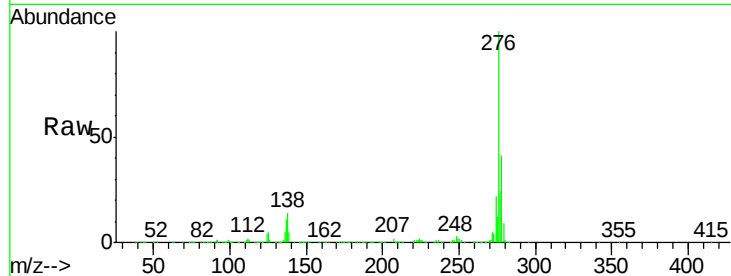
Tgt Ion:276 Resp: 1431653

Ion Ratio Lower Upper

276 100

138 7.6 16.0 24.0#

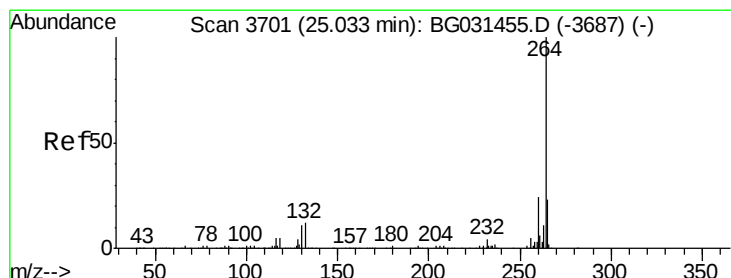
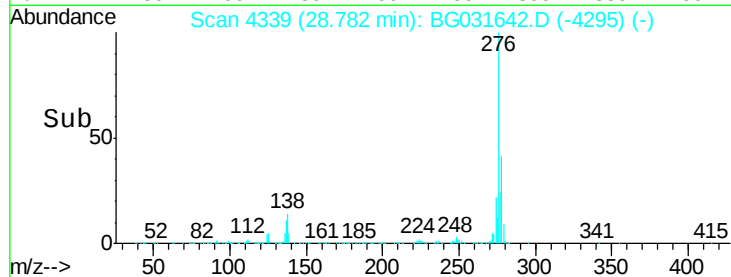
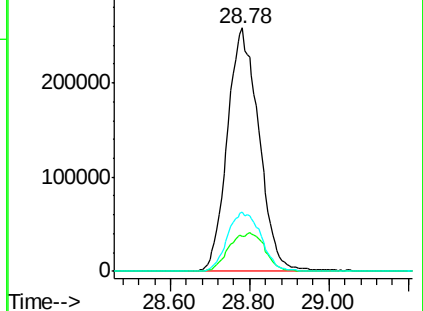
277 25.8 20.0 30.0



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: 25.01 min Scan# 3697

Delta R.T. -0.02 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

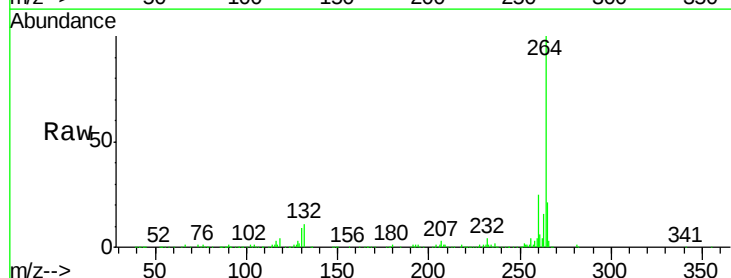
Tgt Ion:264 Resp: 444588

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

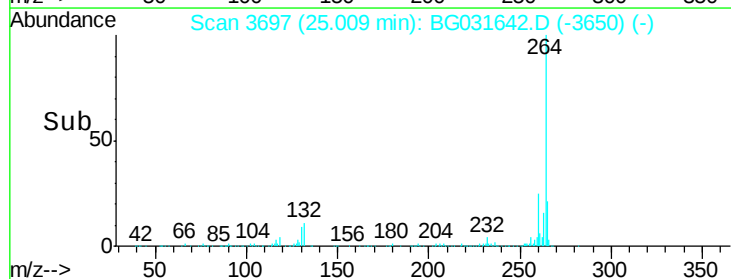
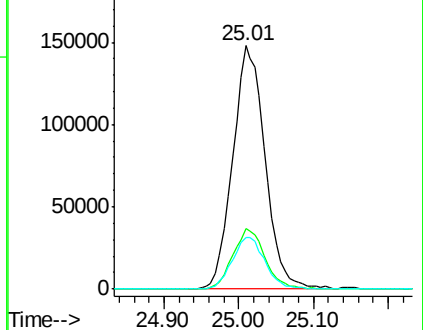
265 21.2 17.7 26.5

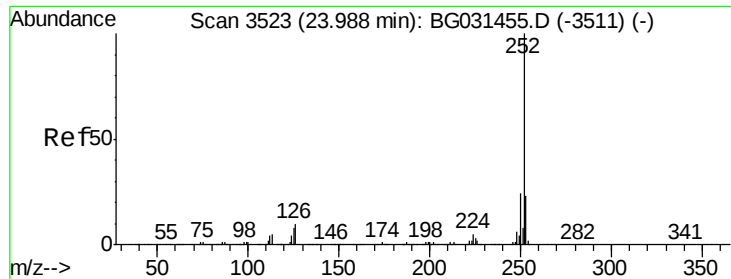


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

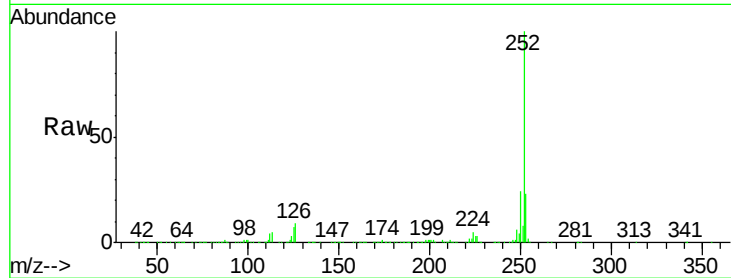




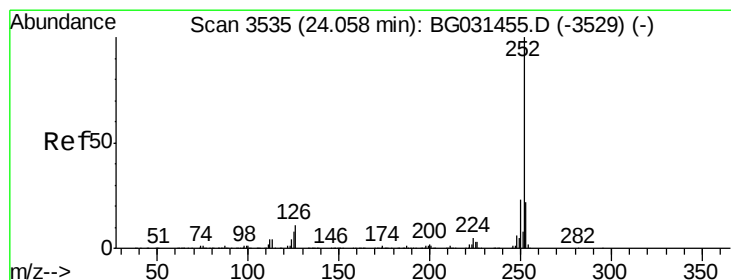
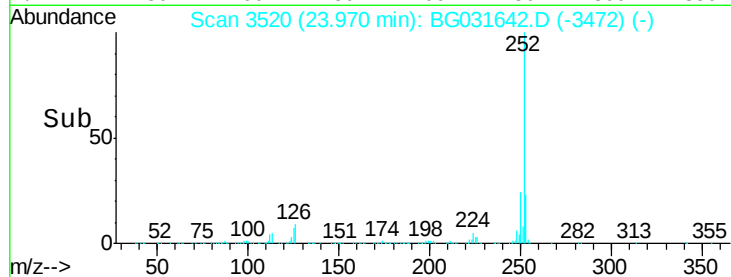
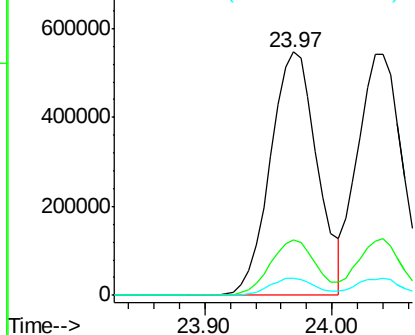
#87
Benzo(b)fluoranthene
Concen: 53.014 ng
RT: 23.97 min Scan# 3520
Delta R.T. -0.02 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

Instrument :
BNA_G
ClientSampleId :
CL-02-121417-AMS

Tgt Ion:252 Resp: 1409111
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 7.1 7.2 10.8#

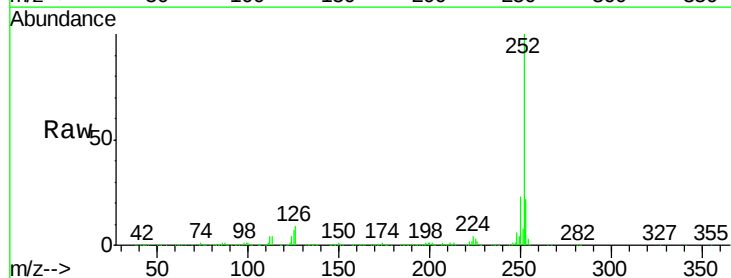


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

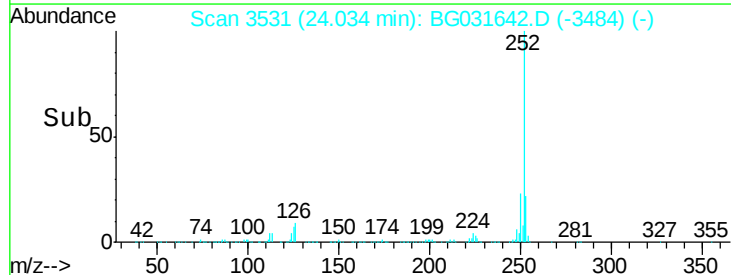
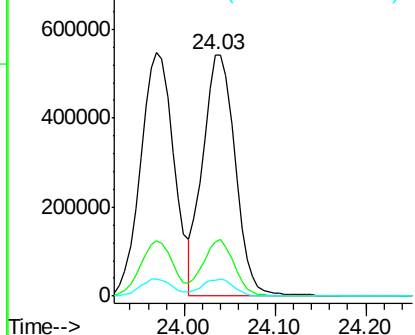


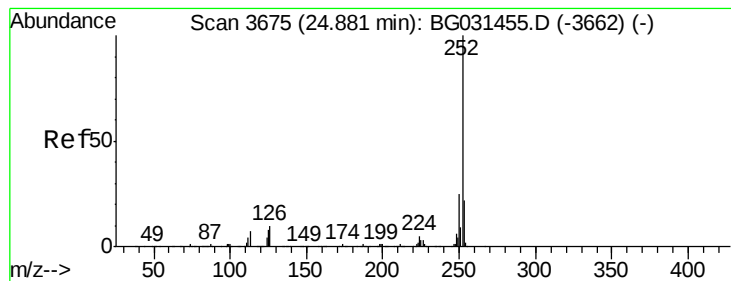
#88
Benzo(k)fluoranthene
Concen: 49.619 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.02 min
Lab File: BG031642.D
Acq: 18 Dec 2017 20:13

Tgt Ion:252 Resp: 1345901
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 6.7 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: 50.979 ng

RT: 24.86 min Scan# 3672

Delta R.T. -0.02 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

Instrument :

BNA_G

ClientSampleId :

CL-02-121417-AMS

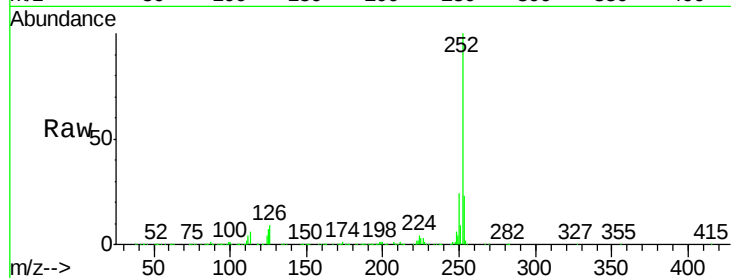
Tgt Ion:252 Resp: 1285407

Ion Ratio Lower Upper

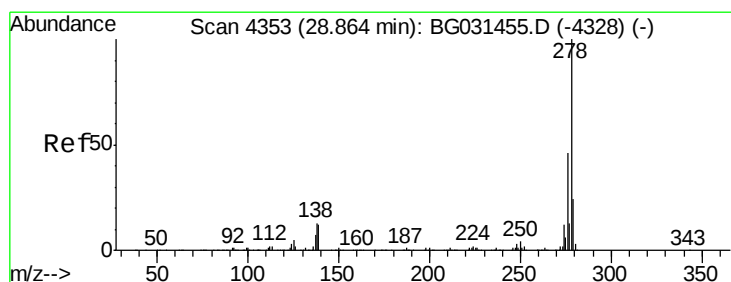
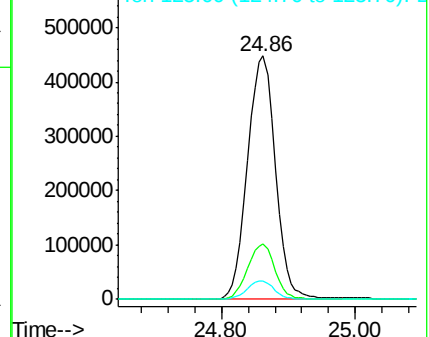
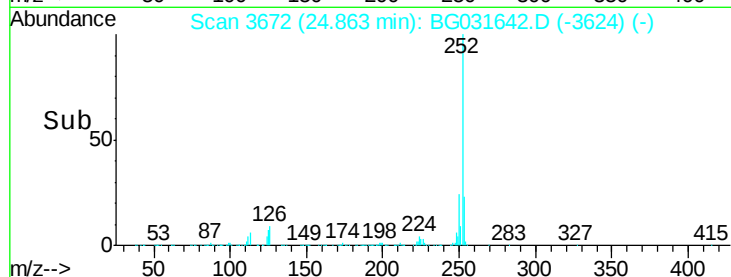
252 100

253 22.6 18.3 27.5

125 7.3 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: 50.420 ng

RT: 28.82 min Scan# 4346

Delta R.T. -0.04 min

Lab File: BG031642.D

Acq: 18 Dec 2017 20:13

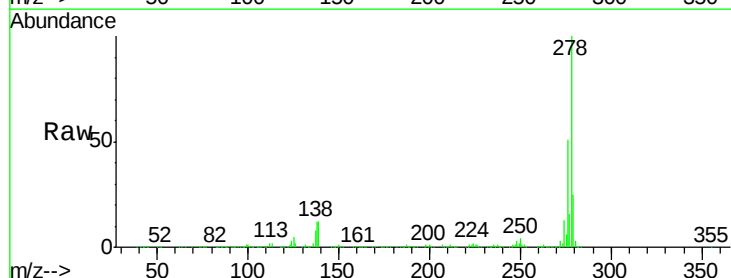
Tgt Ion:278 Resp: 1215706

Ion Ratio Lower Upper

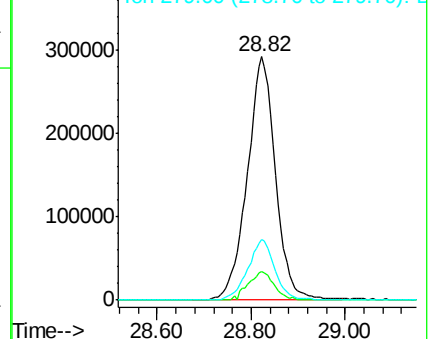
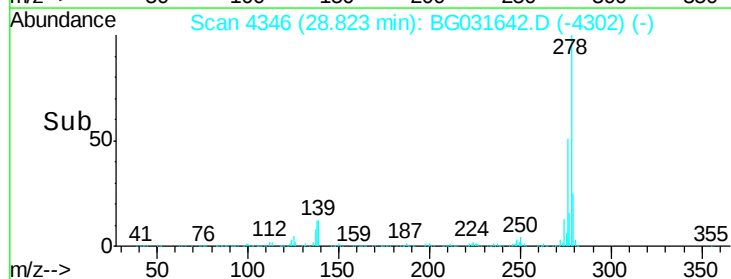
278 100

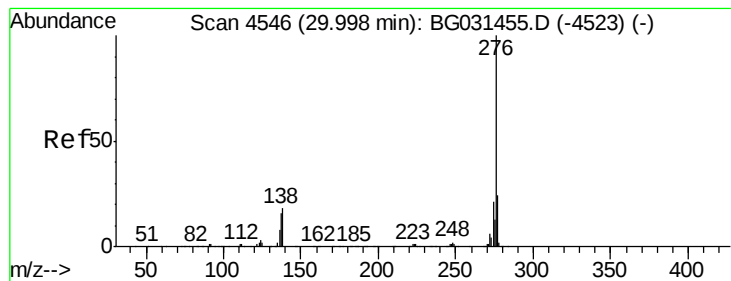
139 11.7 9.8 14.6

279 24.7 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: 49.154 ng

RT: 29.96 min Scan# 4539

Delta R.T. -0.04 min

Lab File: BG031642.D

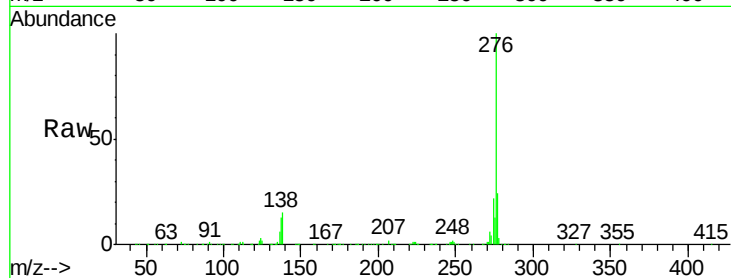
Acq: 18 Dec 2017 20:13

Instrument :

BNA_G

ClientSampleId :

CL-02-121417-AMS



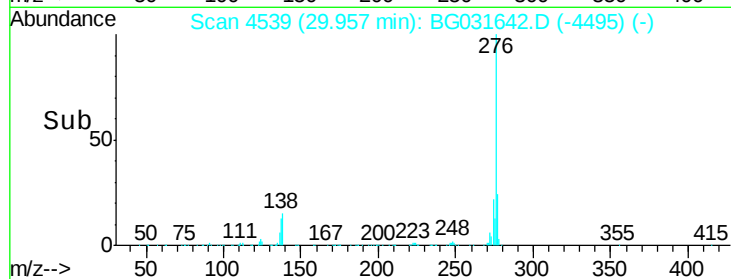
Tgt Ion:276 Resp: 1165195

Ion Ratio Lower Upper

276 100

277 23.9 18.3 27.5

138 15.4 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

