

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036633.D
 Acq On : 10 Sep 2018 20:20
 Operator : JU/SJ
 Sample : J4769-06MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-090718-CMS

Quant Time: Sep 11 01:55:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54664	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	235301	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	160144	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	415089	20.00	ng	0.00
75) Chrysene-d12	21.69	240	412070	20.00	ng	0.00
86) Perylene-d12	24.90	264	425857	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	366404	106.33	ng	0.00
7) Phenol-d6	7.21	99	476787	96.64	ng	0.00
23) Nitrobenzene-d5	9.22	82	349476	80.58	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	247941	129.75	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	813794	72.56	ng	0.00
78) Terphenyl-d14	20.03	244	1416677	80.36	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.55	88	51643	32.112	ng	# 90
3) Pyridine	3.94	79	146502	32.454	ng	98
4) n-Nitrosodimethylamine	3.84	42	79578	39.579	ng	98
6) Aniline	7.38	93	151843	24.246	ng	98
8) 2-Chlorophenol	7.62	128	159942	42.800	ng	98
9) Benzaldehyde	7.19	77	82409	24.255	ng	98
10) Phenol	7.24	94	197008	38.156	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	160055	39.101	ng	97
12) 1,3-Dichlorobenzene	7.94	146	156757	36.736	ng	98
13) 1,4-Dichlorobenzene	8.09	146	163545	37.961	ng	96
14) 1,2-Dichlorobenzene	8.41	146	157469	38.273	ng	98
15) Benzyl Alcohol	8.29	79	163209	41.034	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	305617	37.022	ng	99
17) 2-Methylphenol	8.49	107	146790	42.816	ng	98
18) Hexachloroethane	9.14	117	59318	38.403	ng	91
19) n-Nitroso-di-n-propylamine	8.86	70	141197	38.292	ng	94
20) 3+4-Methylphenols	8.82	107	206778	43.200	ng	99
22) Acetophenone	8.88	105	261845	42.377	ng	# 98
24) Nitrobenzene	9.26	77	207583	44.388	ng	96
25) Isophorone	9.78	82	396014	45.967	ng	98
26) 2-Nitrophenol	9.97	139	87323	47.122	ng	98
27) 2,4-Dimethylphenol	10.03	122	169359	49.363	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	228913	43.294	ng	98
29) 2,4-Dichlorophenol	10.50	162	182188	48.453	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	181490	41.260	ng	99
31) Naphthalene	10.91	128	580335	49.338	ng	99
32) Benzoic acid	10.13	122	54831	24.024	ng	96
33) 4-Chloroaniline	11.01	127	49460	9.176	ng	98
34) Hexachlorobutadiene	11.20	225	122474	41.441	ng	98
35) Caprolactam	11.79	113	51814	34.592	ng	91
36) 4-Chloro-3-methylphenol	12.13	107	207517	47.497	ng	99
37) 2-Methylnaphthalene	12.51	142	417095	48.462	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	239019	42.175	ng	98
40) Hexachlorocyclopentadiene	12.86	237	259518	88.011	ng	98

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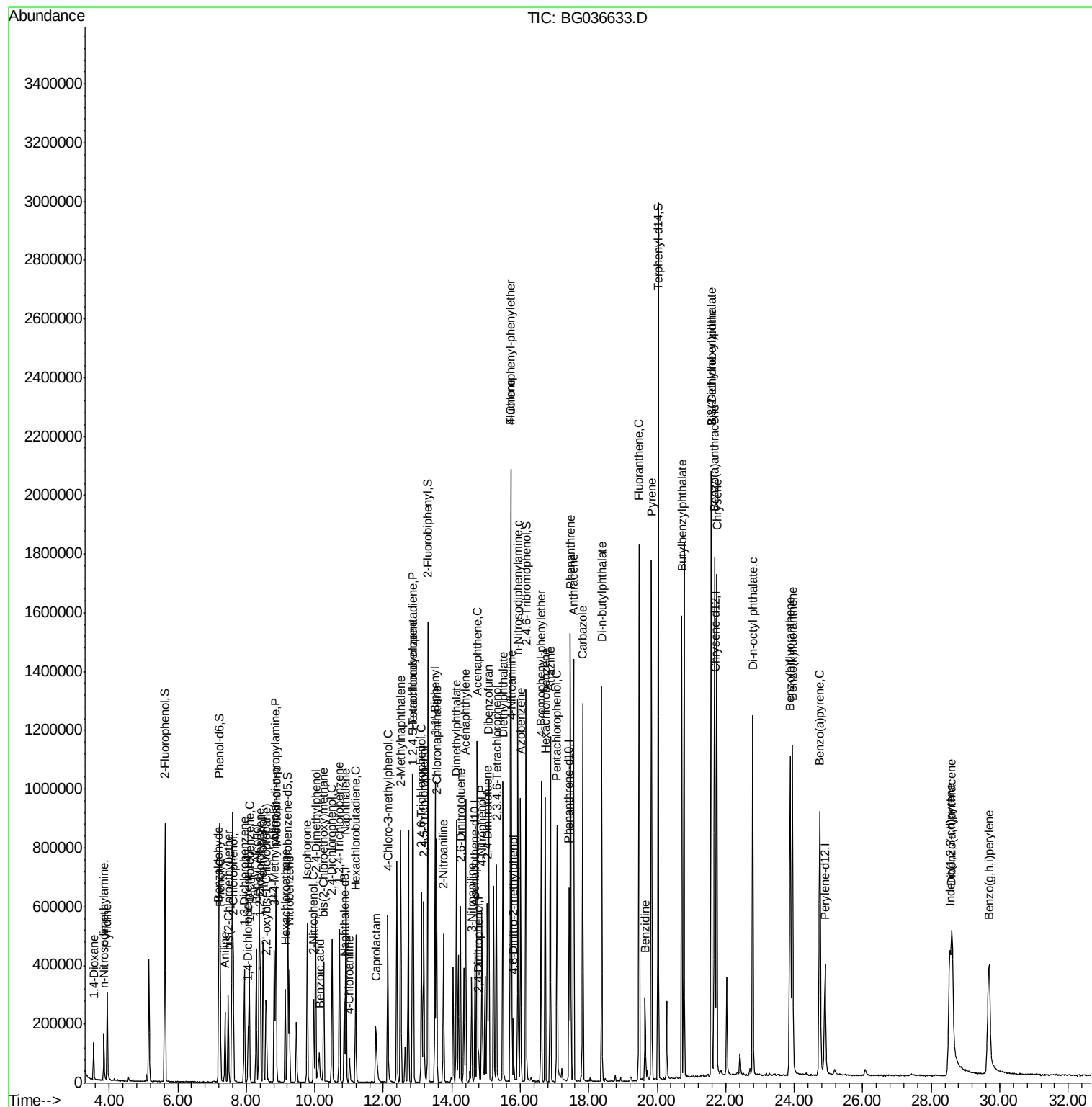
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	164732	47.717	ng	98
43) 2,4,5-Trichlorophenol	13.18	196	179949	48.870	ng	99
45) 1,1'-Biphenyl	13.52	154	541492	40.734	ng	98
46) 2-Chloronaphthalene	13.56	162	421297	41.514	ng	99
47) 2-Nitroaniline	13.76	65	151288	47.474	ng	97
48) Acenaphthylene	14.40	152	731177	46.102	ng	100
49) Dimethylphthalate	14.13	163	585815	44.798	ng	99
50) 2,6-Dinitrotoluene	14.25	165	126297	46.936	ng	96
51) Acenaphthene	14.75	154	445431	43.852	ng	100
52) 3-Nitroaniline	14.58	138	87237	30.085	ng	98
53) 2,4-Dinitrophenol	14.78	184	38478	37.752	ng	92
54) Dibenzofuran	15.08	168	703100	44.183	ng	99
55) 4-Nitrophenol	14.88	139	158237	66.742	ng	99
56) 2,4-Dinitrotoluene	15.04	165	178904	51.014	ng	92
57) Fluorene	15.73	166	563028	47.328	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	176064	50.892	ng	95
59) Diethylphthalate	15.49	149	587553	44.584	ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	326266	44.415	ng	98
61) 4-Nitroaniline	15.74	138	134947	44.473	ng	97
62) Azobenzene	16.01	77	572268	42.679	ng	99
64) 4,6-Dinitro-2-methylphenol	15.80	198	52004	28.520	ng	98
65) n-Nitrosodiphenylamine	15.93	169	520003	42.161	ng	99
66) 4-Bromophenyl-phenylether	16.61	248	216891	44.629	ng	98
67) Hexachlorobenzene	16.73	284	220439	44.360	ng	94
68) Atrazine	16.88	200	221872	47.926	ng	99
69) Pentachlorophenol	17.07	266	190560	56.423	ng	97
70) Phenanthrene	17.47	178	957604	45.402	ng	99
71) Anthracene	17.56	178	967537	46.019	ng	98
72) Carbazole	17.82	167	846686	40.324	ng	99
73) Di-n-butylphthalate	18.38	149	977175	41.792	ng	100
74) Fluoranthene	19.47	202	1144090	44.490	ng	99
76) Benzidine	19.65	184	189234	14.394	ng	98
77) Pyrene	19.83	202	1137203	44.878	ng	98
79) Butylbenzylphthalate	20.72	149	445951	44.221	ng	95
80) Benzo(a)anthracene	21.67	228	1148130	45.992	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	241442	24.268	ng	99
82) Chrysene	21.74	228	1085494	45.874	ng	99
83) Bis(2-ethylhexyl)phthalate	21.58	149	613205	43.453	ng	99
84) Di-n-octyl phthalate	22.79	149	1033991	43.867	ng	97
85) Indeno(1,2,3-cd)pyrene	28.54	276	1136562	41.354	ng	# 96
87) Benzo(b)fluoranthene	23.88	252	1124427	47.549	ng	96
88) Benzo(k)fluoranthene	23.95	252	1132647	49.026	ng	98
89) Benzo(a)pyrene	24.75	252	1094993	48.187	ng	99
90) Dibenzo(a,h)anthracene	28.61	278	866030	39.477	ng	97
91) Benzo(g,h,i)perylene	29.69	276	917487	41.618	ng	96

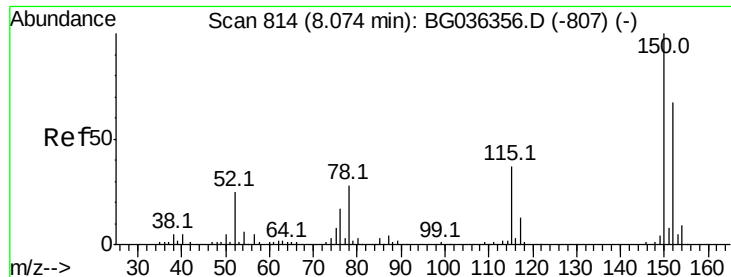
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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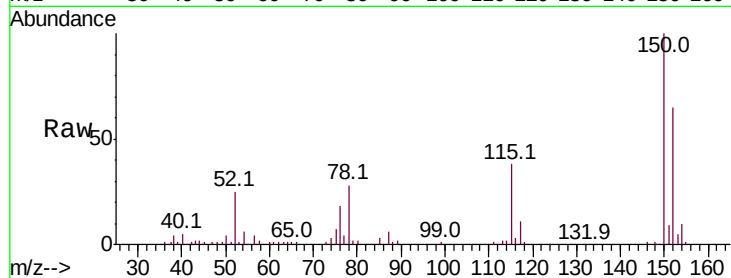


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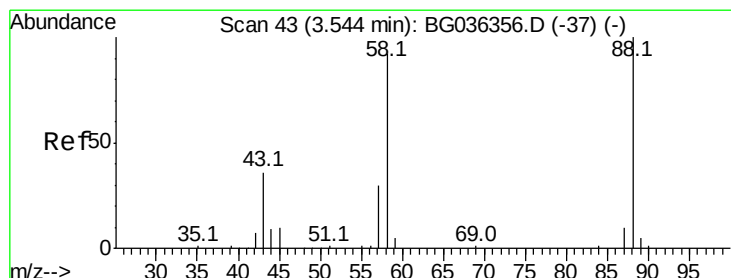
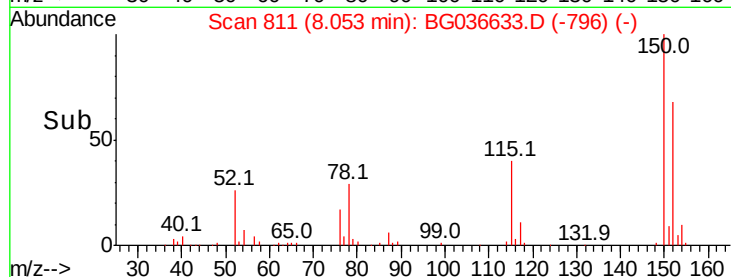
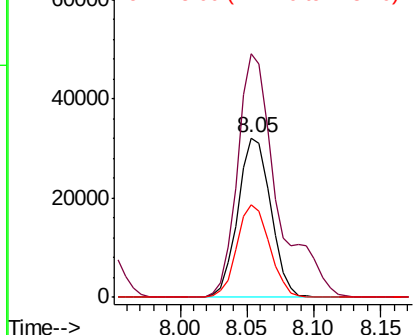
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

Instrument :
BNA_G
ClientSampleId :
HR-05-090718-CMS

Tot Ion:152 Resp: 54664
Ion Ratio Lower Upper
152 100
150 152.8 119.5 179.3
115 58.3 44.5 66.7



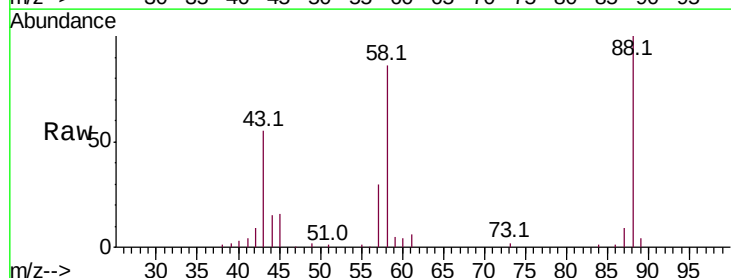
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



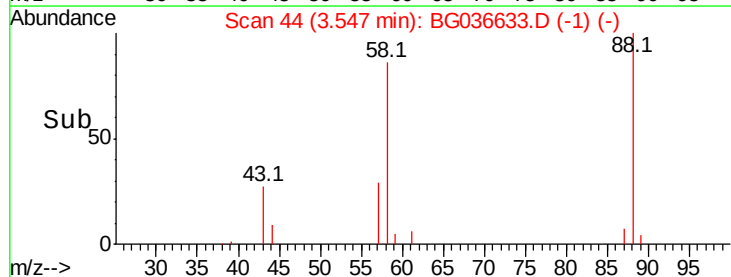
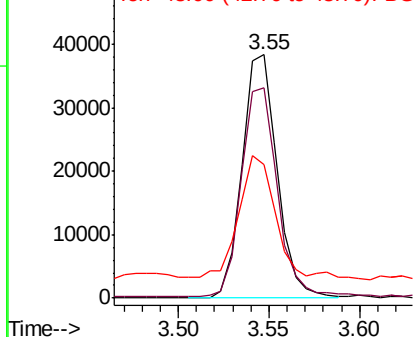
#2

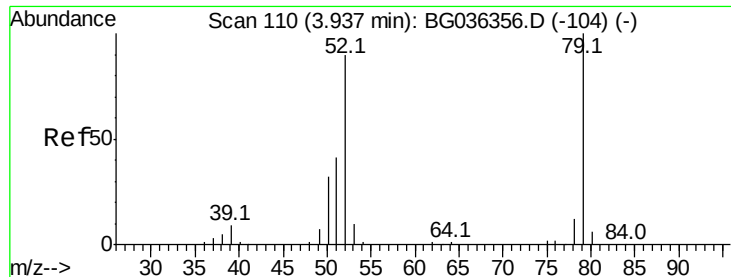
1,4-Dioxane
Concen: 32.112 ng
RT: 3.55 min Scan# 44
Delta R.T. 0.01 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

Tgt Ion: 88 Resp: 51643
Ion Ratio Lower Upper
88 100
58 88.6 72.6 109.0
43 54.3 29.0 43.4#



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





#3

Pvridine

Concen: 32.454 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

Instrument :

BNA_G

ClientSampleId :

HR-05-090718-CMS

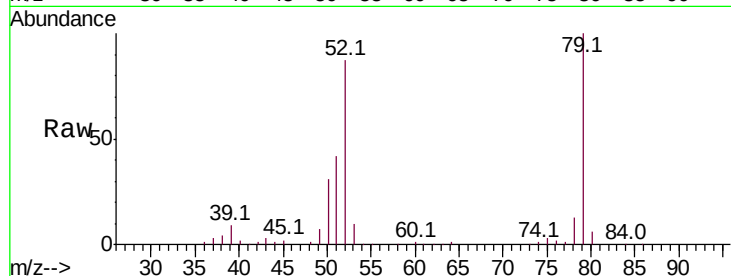
Tot Ion: 79 Resp: 146502

Ion Ratio Lower Upper

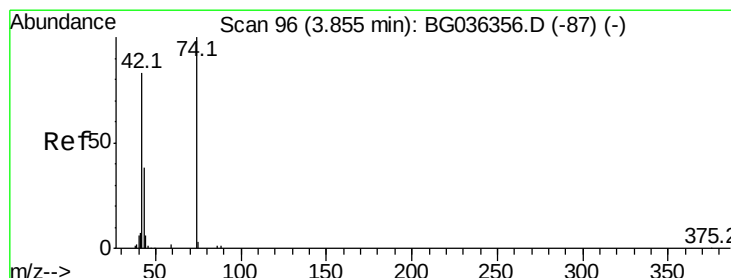
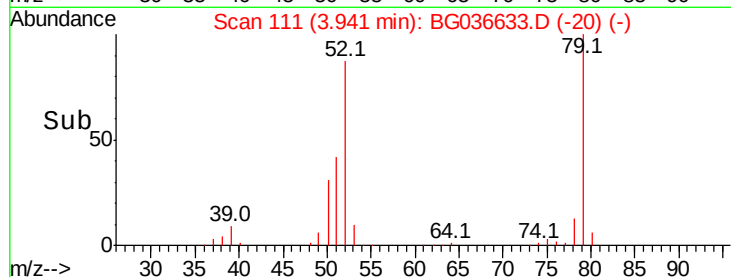
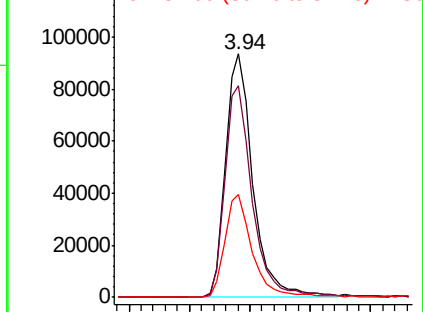
79 100

52 87.0 72.3 108.5

51 42.2 33.8 50.6



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



#4

n-Nitrosodimethylamine

Concen: 39.579 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

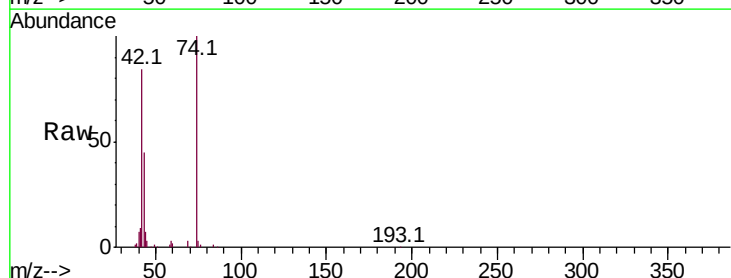
Tgt Ion: 42 Resp: 79578

Ion Ratio Lower Upper

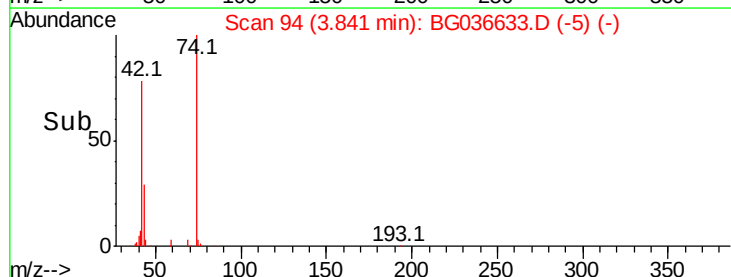
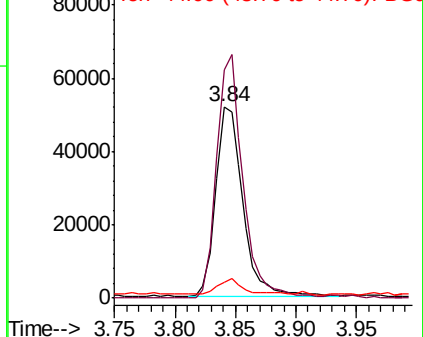
42 100

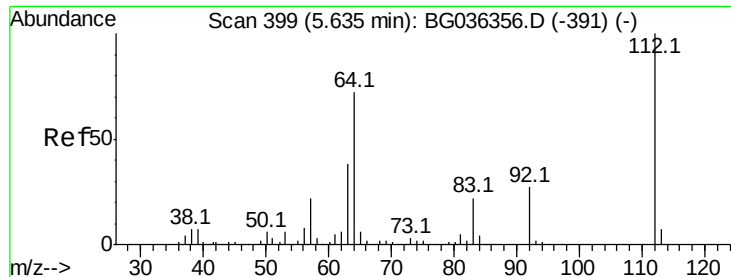
74 119.0 96.6 145.0

44 8.4 7.0 10.4



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





#5

2-Fluorophenol

Concen: 106.327 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

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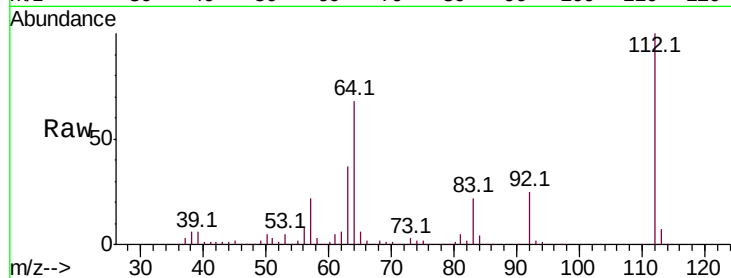
Tot Ion:112 Resp: 366404

Ion Ratio Lower Upper

112 100

64 67.9 57.2 85.8

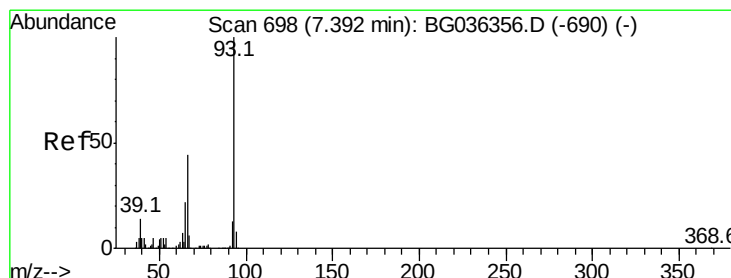
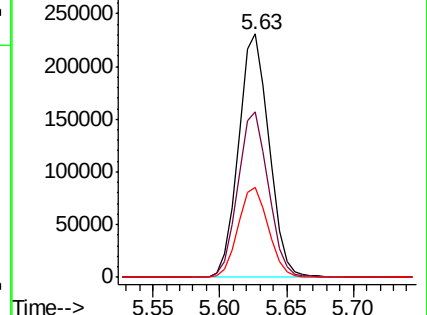
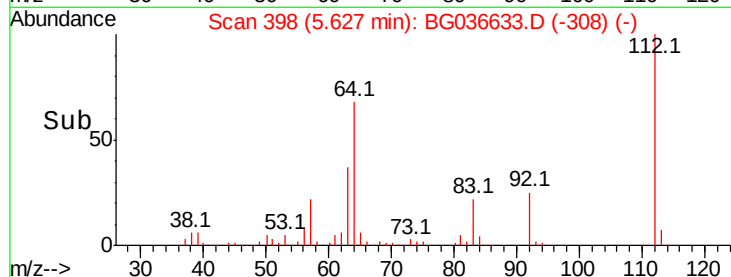
63 36.8 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.246 ng

RT: 7.38 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

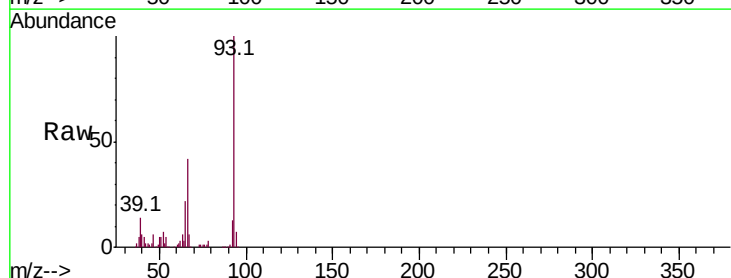
Tgt Ion: 93 Resp: 151843

Ion Ratio Lower Upper

93 100

66 42.3 35.0 52.4

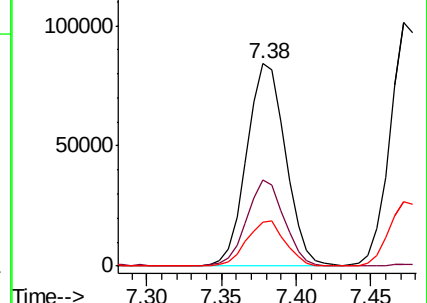
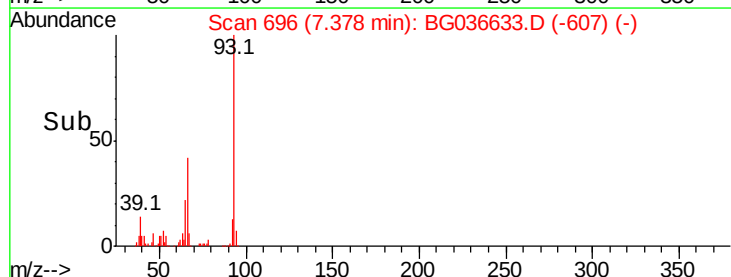
65 21.7 17.6 26.4

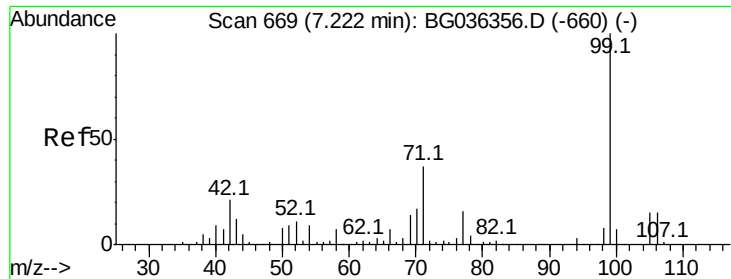


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 96.636 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

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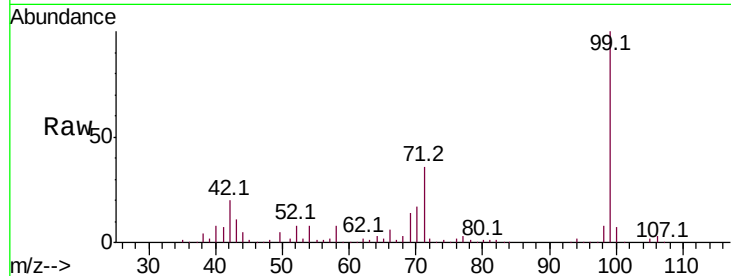
Tot Ion: 99 Resp: 476787

Ion Ratio Lower Upper

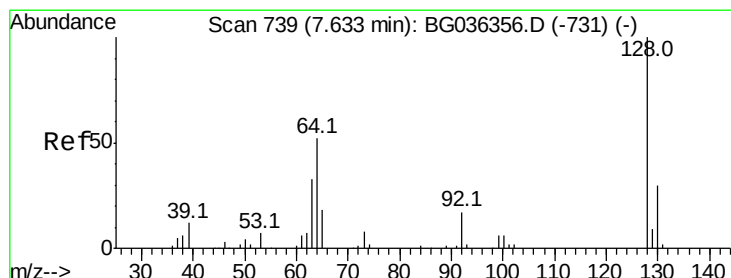
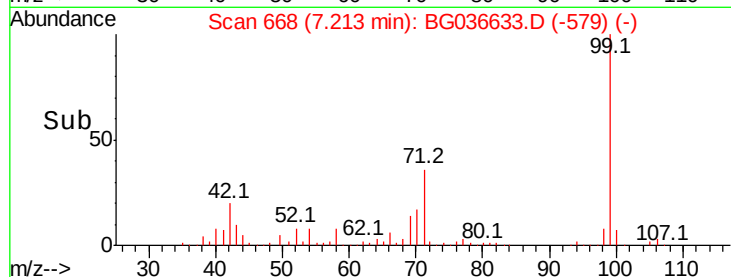
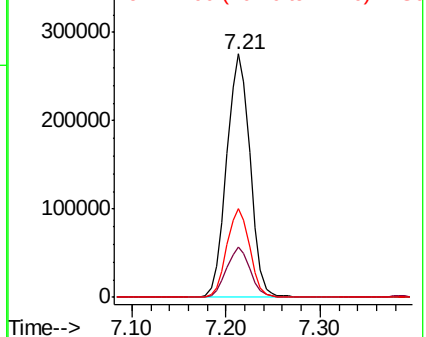
99 100

42 20.4 16.5 24.7

71 36.4 29.4 44.2



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: 42.800 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG036633.D

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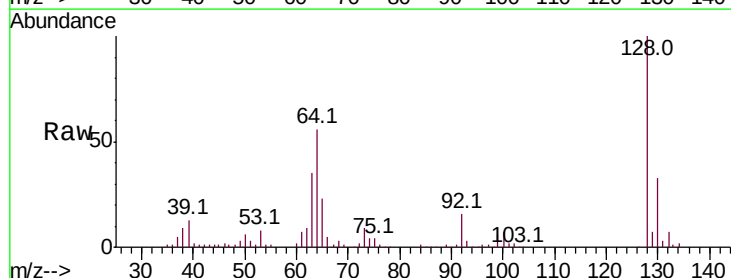
Tgt Ion: 128 Resp: 159942

Ion Ratio Lower Upper

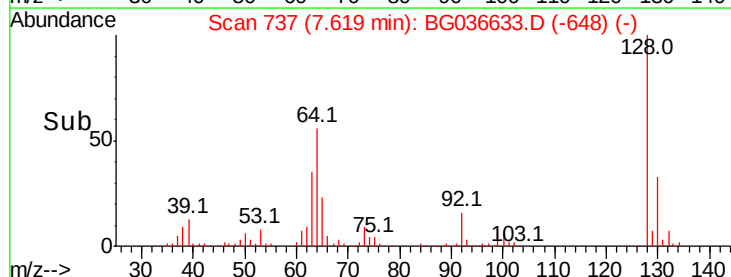
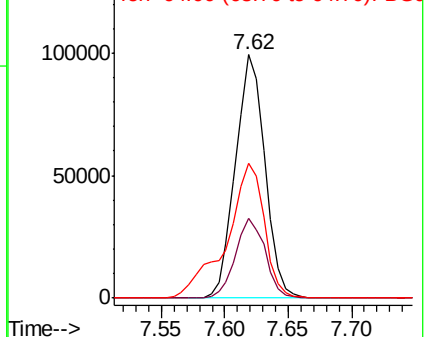
128 100

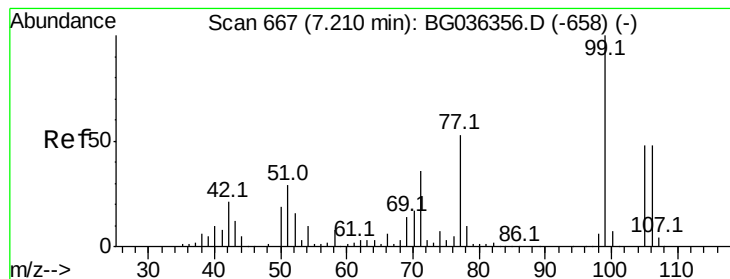
130 32.6 10.0 50.0

64 55.5 36.0 76.0



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





#9

Benzaldehyde

Concen: 24.255 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

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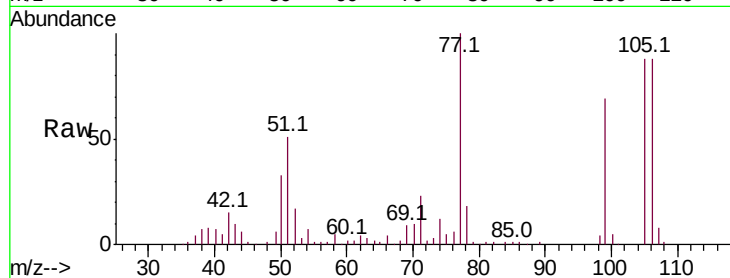
Tot Ion: 77 Resp: 82409

Ion Ratio Lower Upper

77 100

105 88.1 70.5 110.5

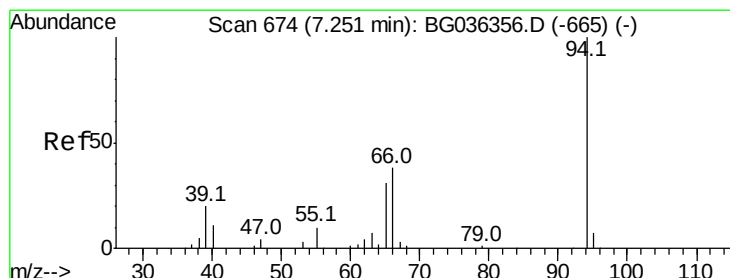
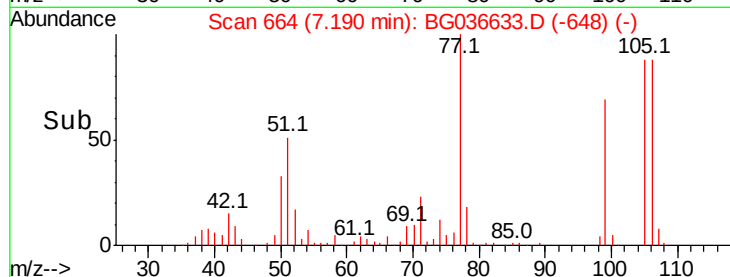
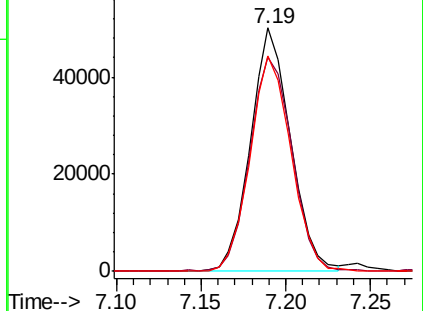
106 88.5 69.8 109.8



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: 38.156 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

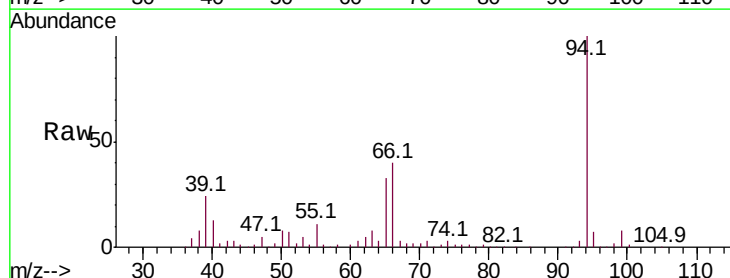
Tgt Ion: 94 Resp: 197008

Ion Ratio Lower Upper

94 100

65 32.5 11.5 51.5

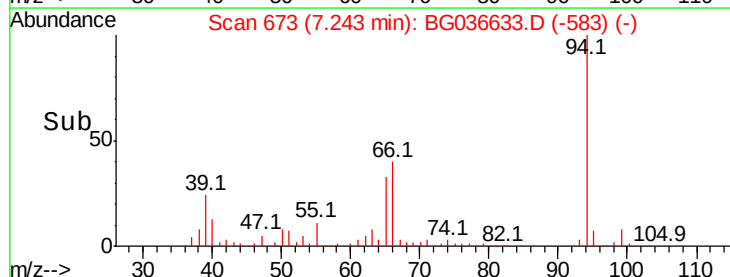
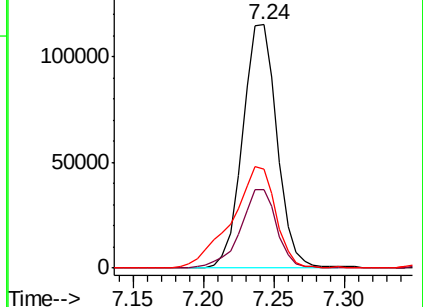
66 40.4 19.5 59.5

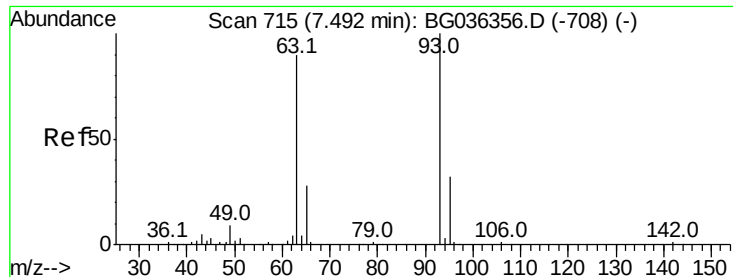


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.101 ng

RT: 7.47 min Scan# 712

Delta R.T. -0.01 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

Instrument :

BNA_G

ClientSampleId :

HR-05-090718-CMS

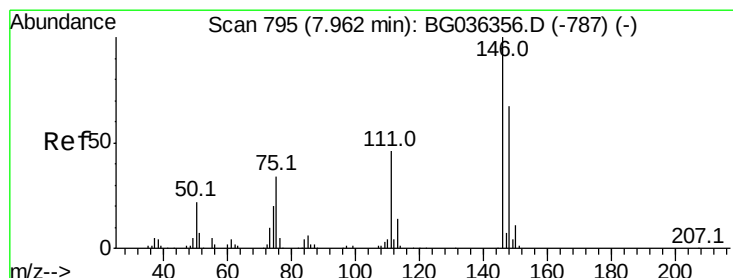
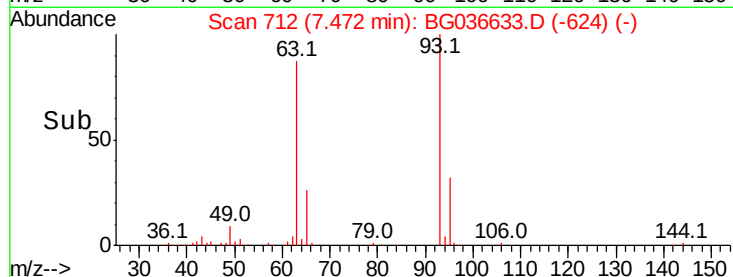
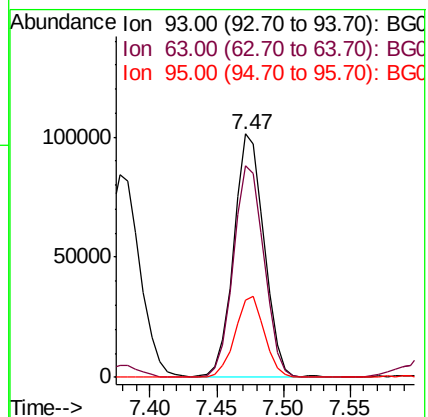
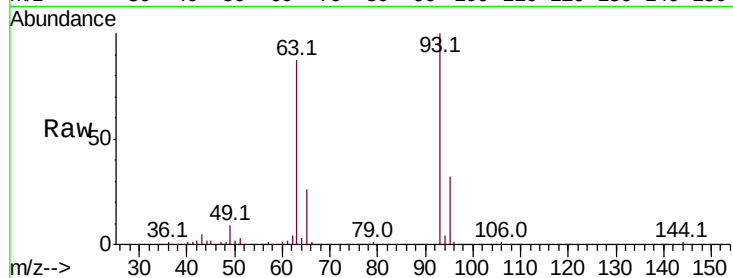
Tot Ion: 93 Resp: 160055

Ion Ratio Lower Upper

93 100

63 86.8 69.9 109.9

95 31.9 11.7 51.7



#12

1,3-Dichlorobenzene

Concen: 36.736 ng

RT: 7.94 min Scan# 792

Delta R.T. -0.01 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

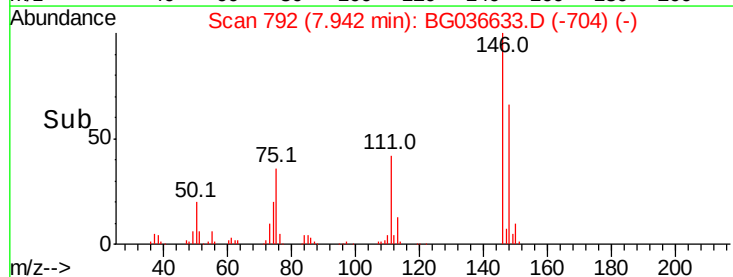
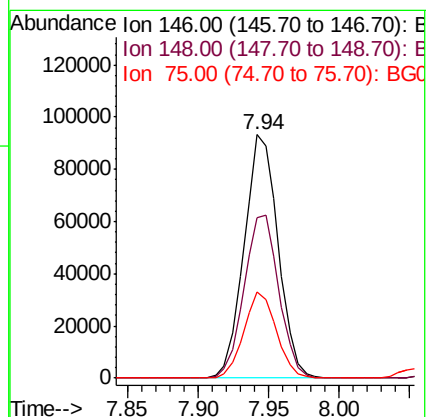
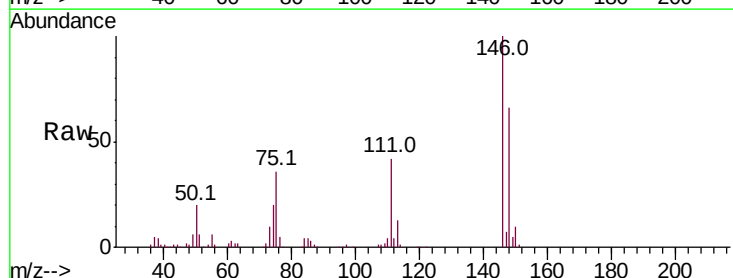
Tgt Ion: 146 Resp: 156757

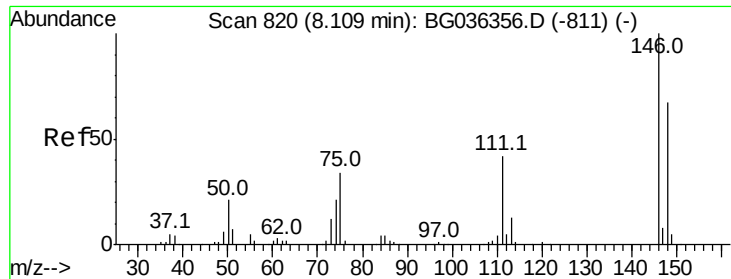
Ion Ratio Lower Upper

146 100

148 66.1 53.8 80.6

75 35.6 27.2 40.8

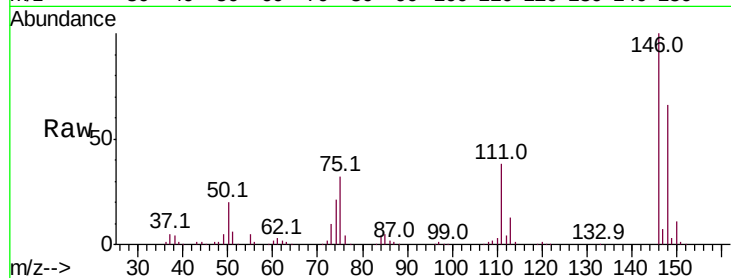




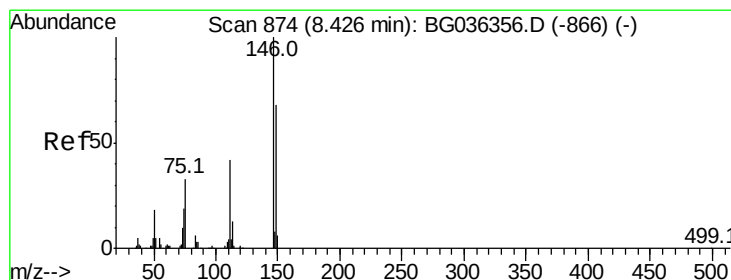
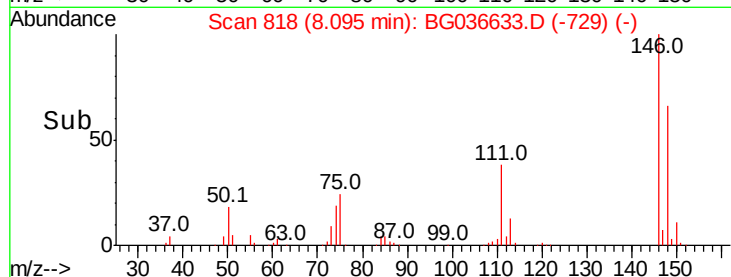
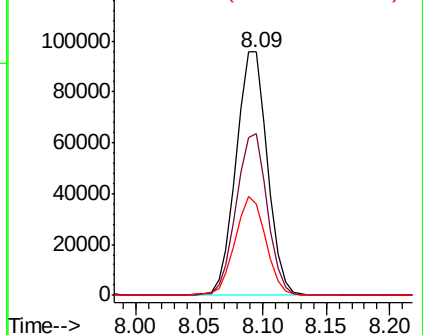
#13
 1,4-Dichlorobenzene
 Concen: 37.961 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-090718-CMS

Tot Ion:146 Resp: 163545
 Ion Ratio Lower Upper
 146 100
 148 66.2 53.9 80.9
 111 37.7 33.8 50.6

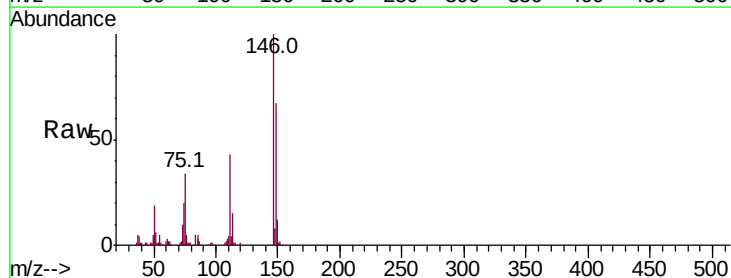


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

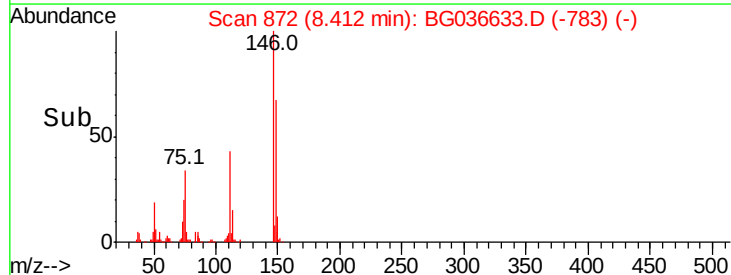
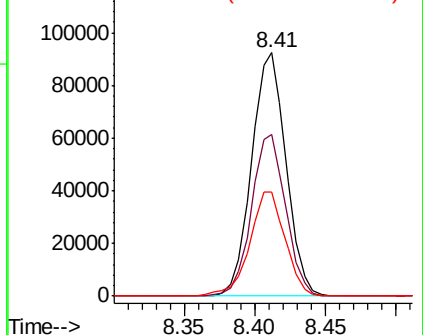


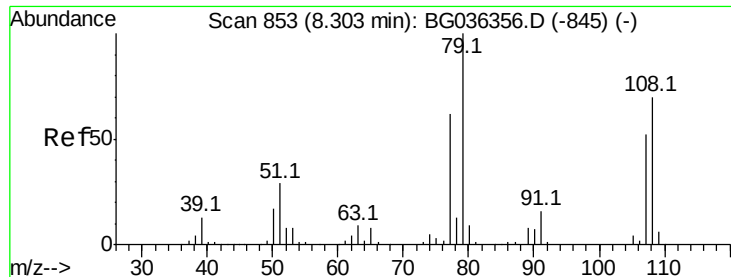
#14
 1,2-Dichlorobenzene
 Concen: 38.273 ng
 RT: 8.41 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

Tgt Ion:146 Resp: 157469
 Ion Ratio Lower Upper
 146 100
 148 66.6 55.0 82.6
 111 43.0 34.6 51.8



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

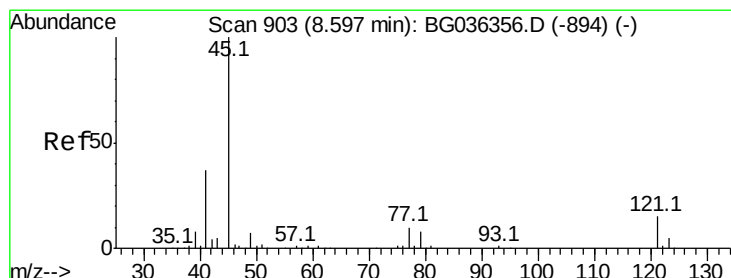
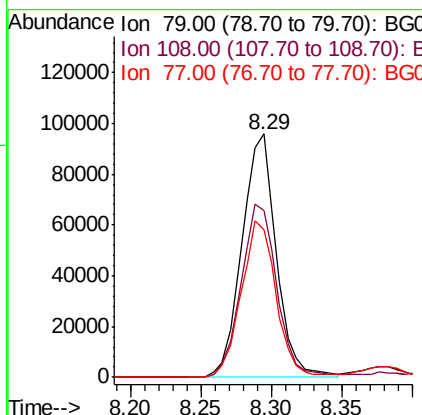
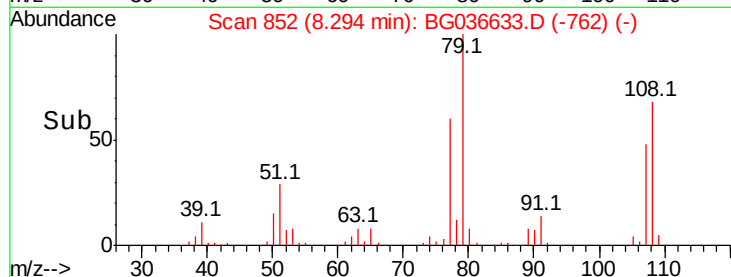
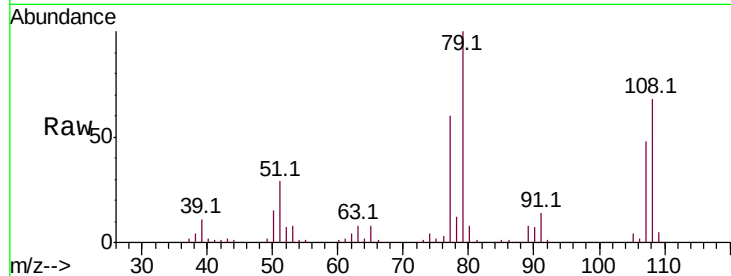




#15
Benzyl Alcohol
Concen: 41.034 ng
RT: 8.29 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

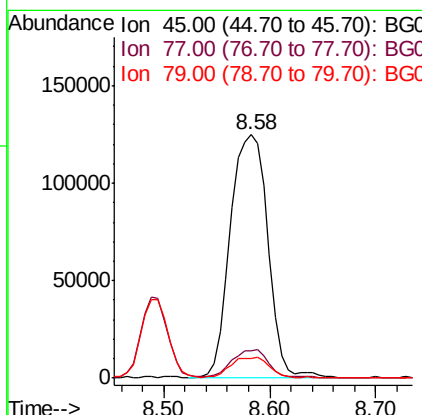
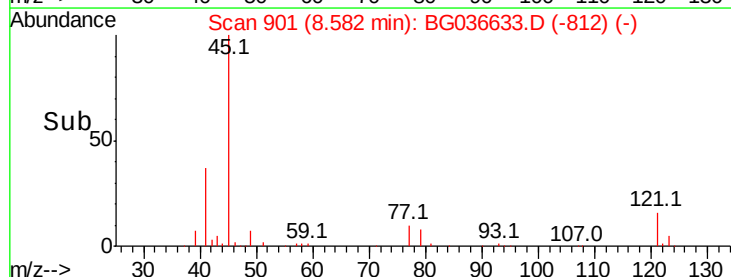
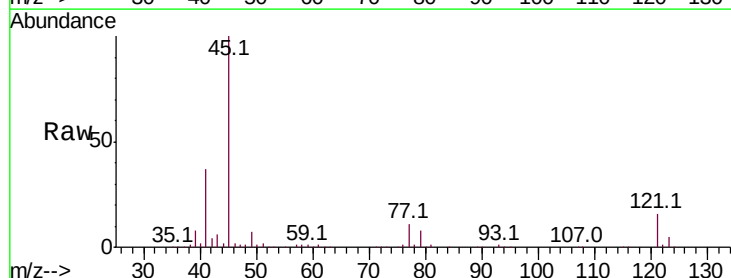
Instrument :
BNA_G
ClientSampleId :
HR-05-090718-CMS

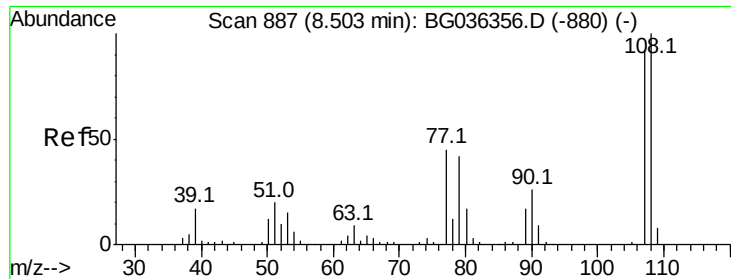
Tot Ion: 79 Resp: 163209
Ion Ratio Lower Upper
79 100
108 68.4 55.9 83.9
77 60.5 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.022 ng
RT: 8.58 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

Tgt Ion: 45 Resp: 305617
Ion Ratio Lower Upper
45 100
77 11.1 0.0 30.5
79 8.2 0.0 27.9

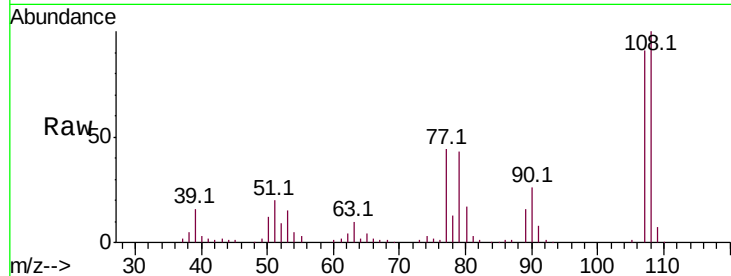




#17
2-Methylphenol
Concen: 42.816 ng
RT: 8.49 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

Instrument :
BNA_G
ClientSampleId :
HR-05-090718-CMS

Tot Ion:	107	Resp:	146790
Ion	Ratio	Lower	Upper
107	100		
108	110.5	86.7	130.1
77	48.3	39.0	58.4
79	47.2	36.6	54.8



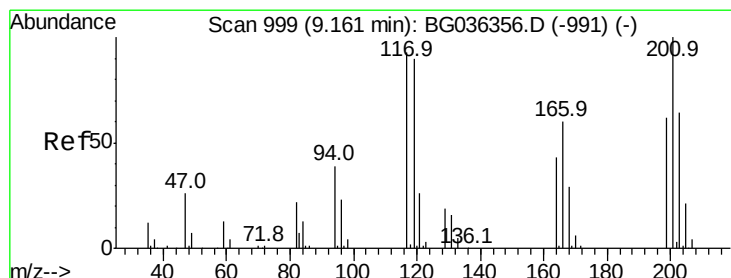
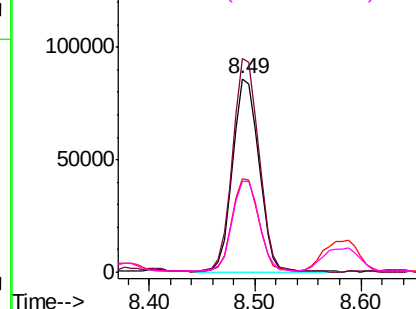
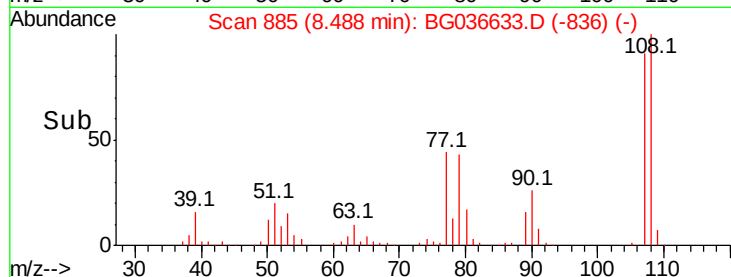
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

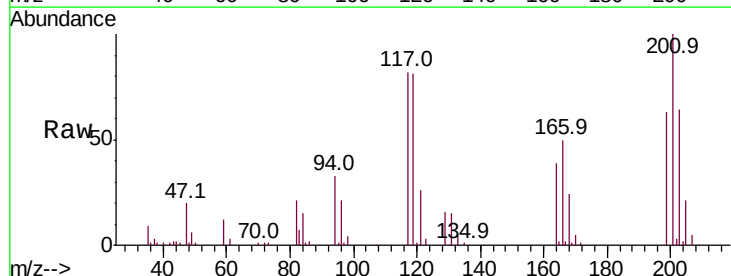
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.403 ng
RT: 9.14 min Scan# 996
Delta R.T. -0.01 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

Tgt Ion:	117	Resp:	59318
Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.8	115.2
201	121.9	85.7	128.5

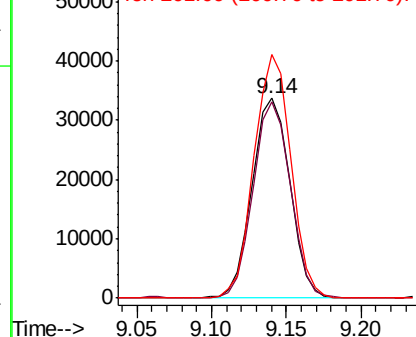
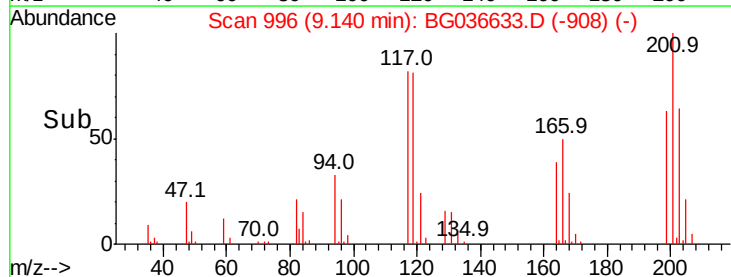


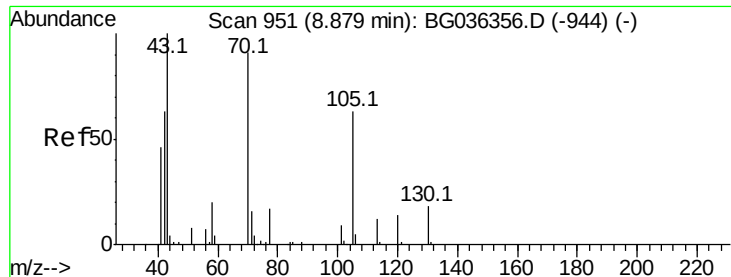
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

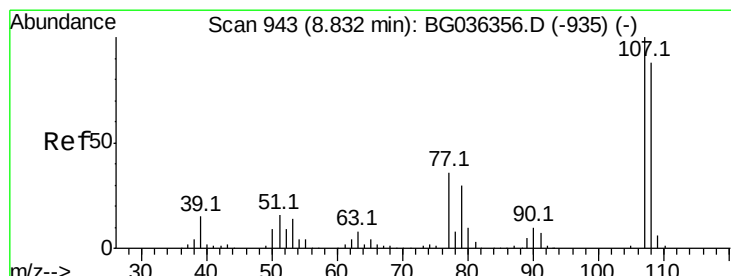
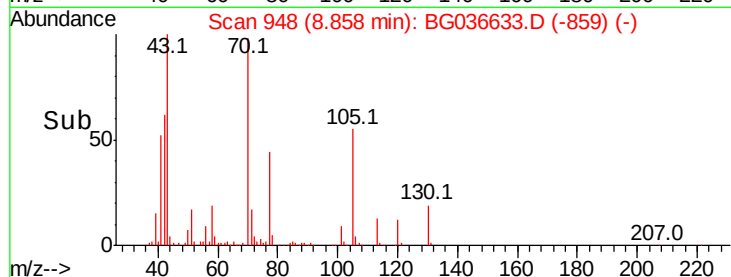
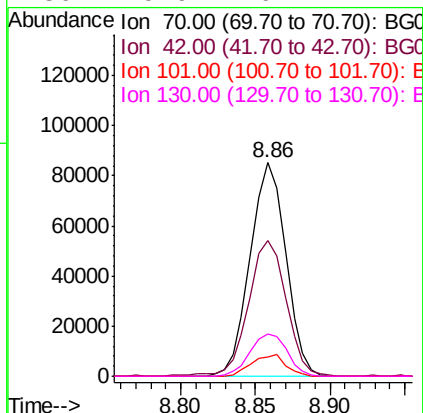
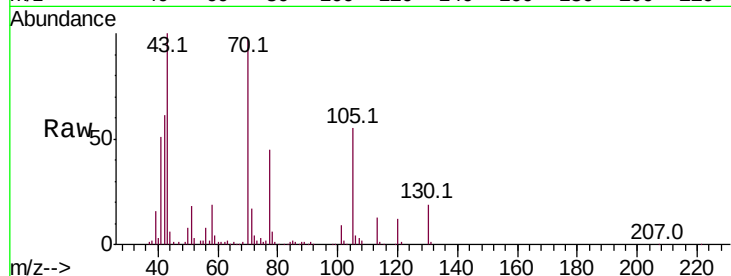




#19
n-Nitroso-di-n-propylamine
Concen: 38.292 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

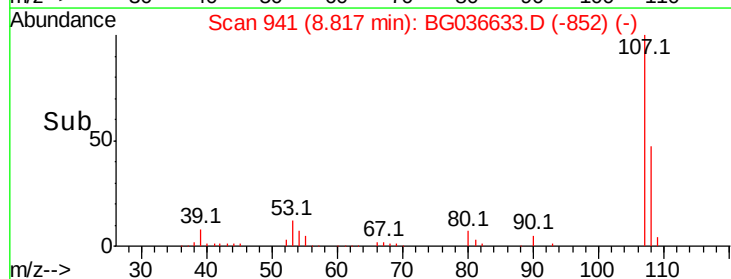
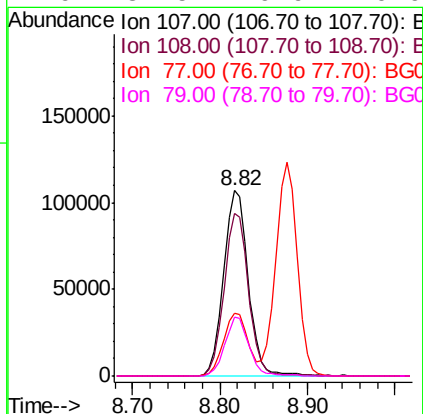
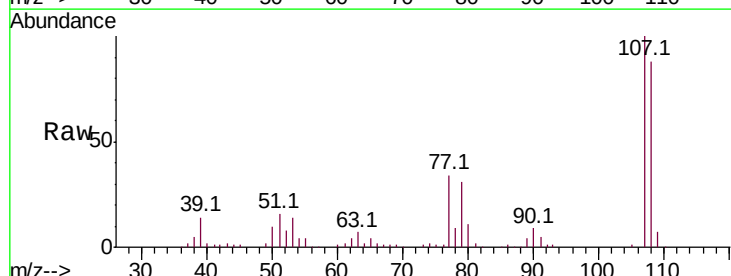
Instrument :
BNA_G
ClientSampleId :
HR-05-090718-CMS

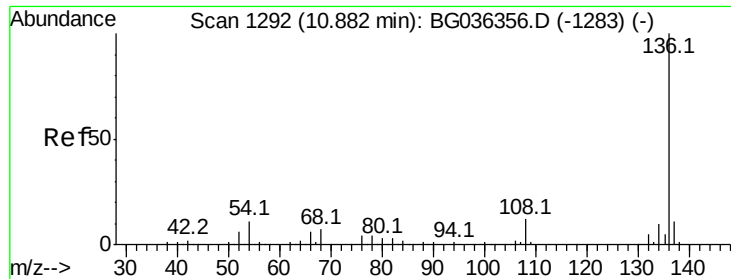
Tot Ion:	70	Resp:	141197
Ion	Ratio	Lower	Upper
70	100		
42	63.5	56.2	84.4
101	9.1	7.8	11.6
130	19.9	16.2	24.2



#20
3+4-Methylphenols
Concen: 43.200 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.00 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

Tgt Ion:	107	Resp:	206778
Ion	Ratio	Lower	Upper
107	100		
108	87.7	68.0	108.0
77	33.7	15.6	55.6
79	31.5	9.9	49.9

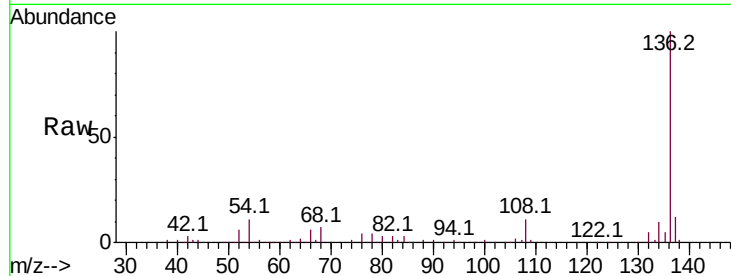




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

Instrument :
BNA_G
ClientSampleId :
HR-05-090718-CMS

Tot Ion:	136	Resp:	235301
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	10.6	9.2	13.8
68	6.6	5.8	8.6



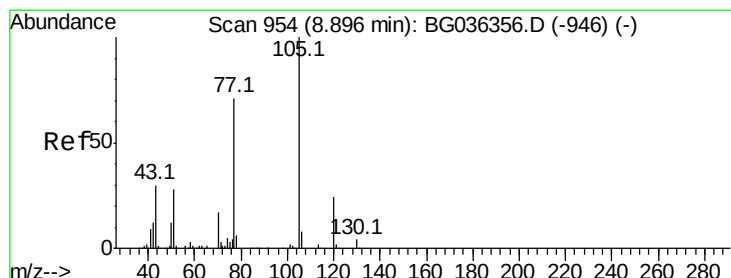
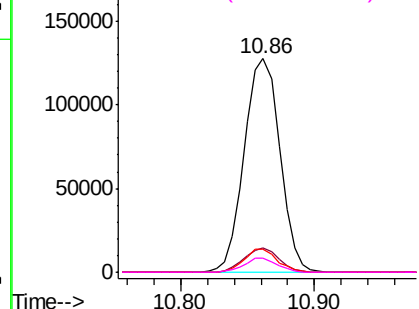
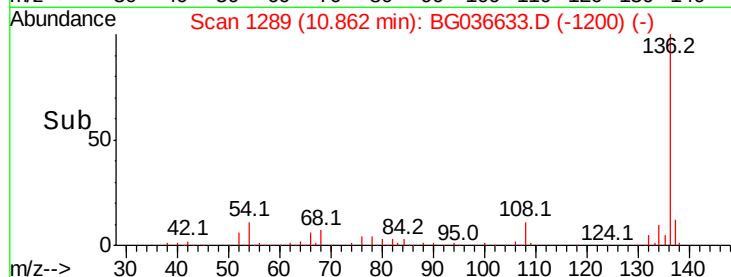
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

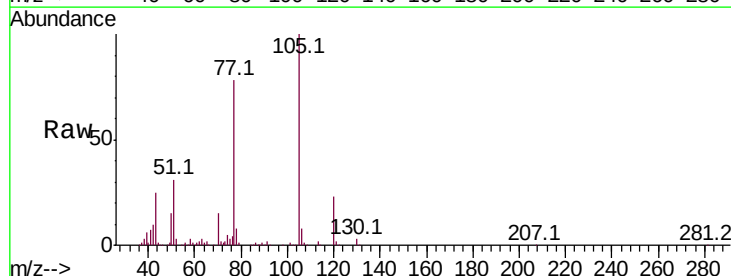
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.377 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

Tgt Ion:	105	Resp:	261845
Ion	Ratio	Lower	Upper
105	100		
71	2.3	2.4	3.6#
51	30.9	25.9	38.9
120	23.3	19.4	29.0



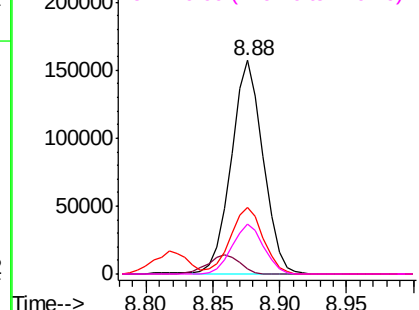
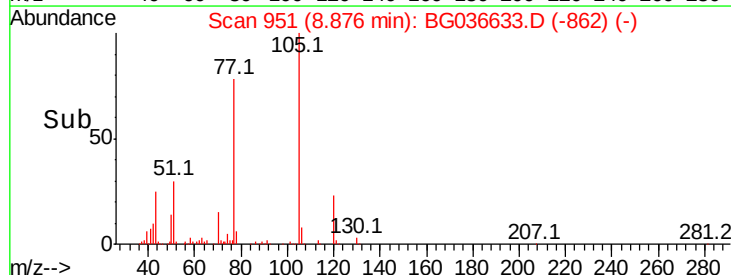
Abundance

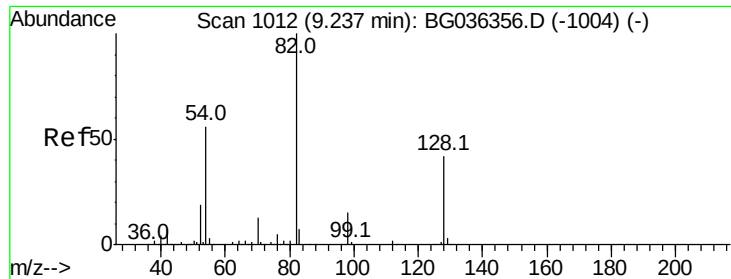
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

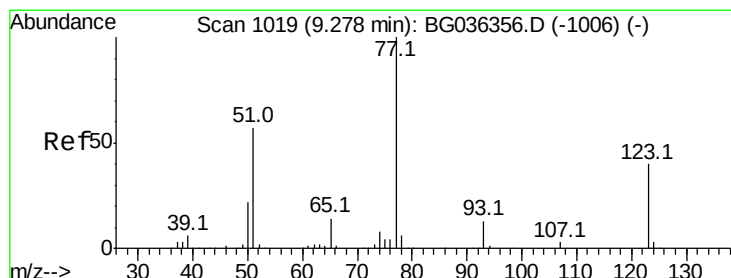
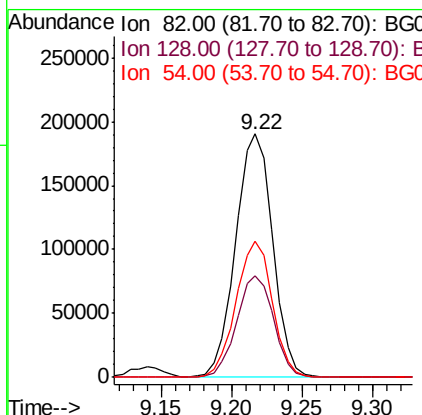
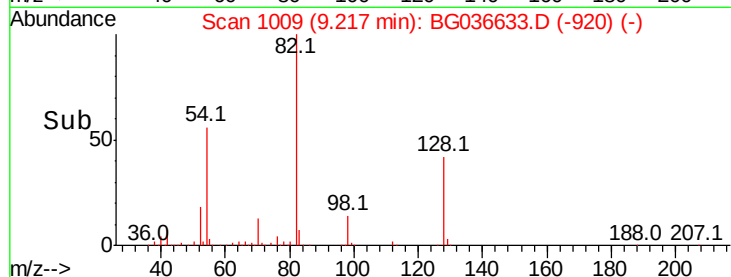
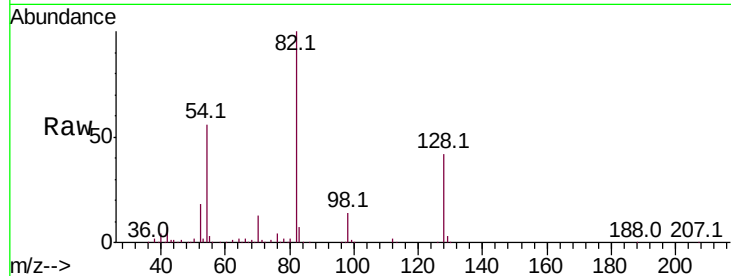




#23
 Nitrobenzene-d5
 Concen: 80.584 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

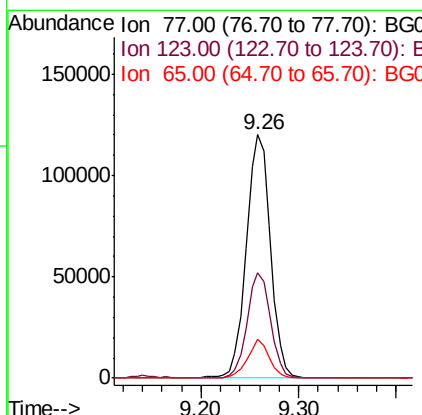
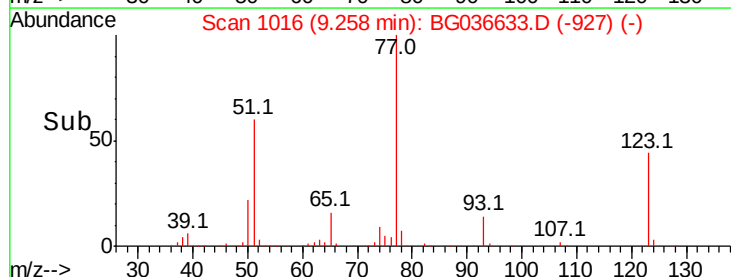
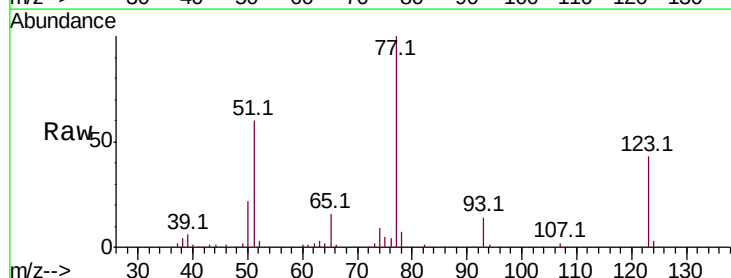
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-090718-CMS

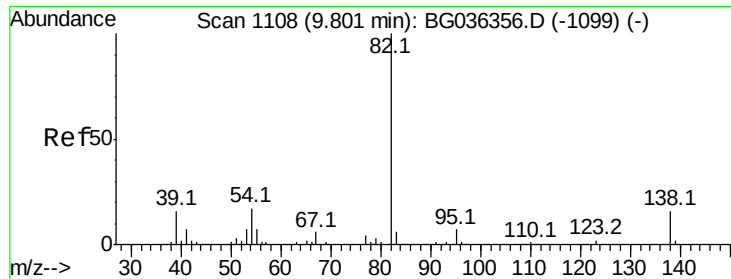
Tot Ion: 82 Resp: 349476
 Ion Ratio Lower Upper
 82 100
 128 42.0 33.3 49.9
 54 56.1 45.1 67.7



#24
 Nitrobenzene
 Concen: 44.388 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

Tgt Ion: 77 Resp: 207583
 Ion Ratio Lower Upper
 77 100
 123 43.4 32.4 48.6
 65 15.8 11.5 17.3

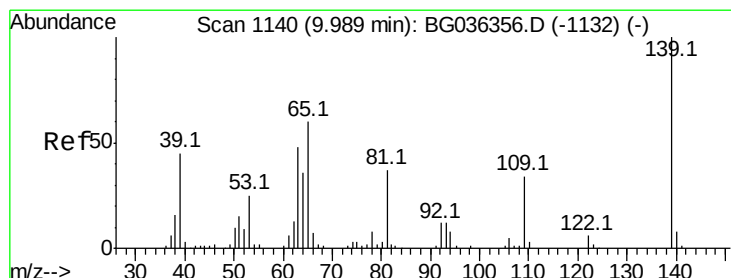
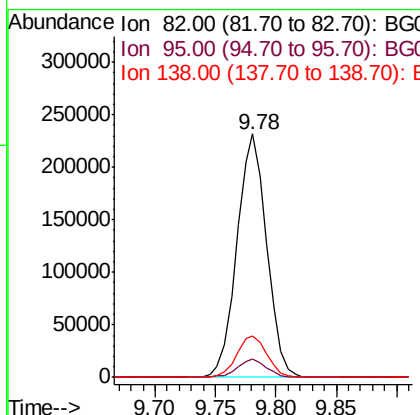
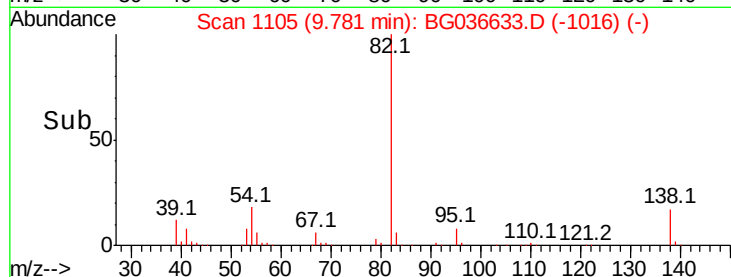
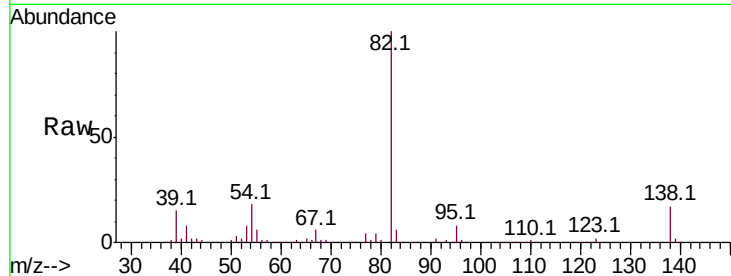




#25
Isophorone
Concen: 45.967 ng
RT: 9.78 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

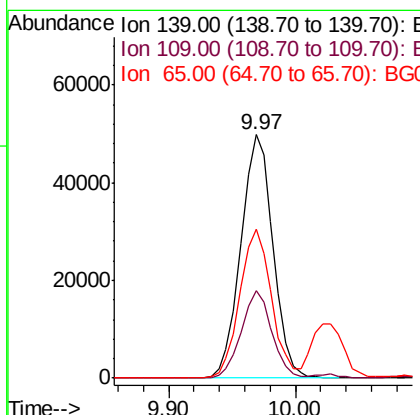
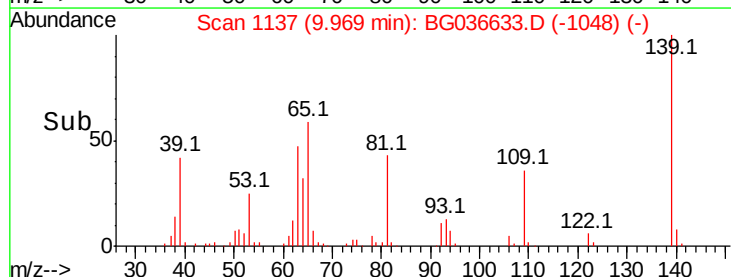
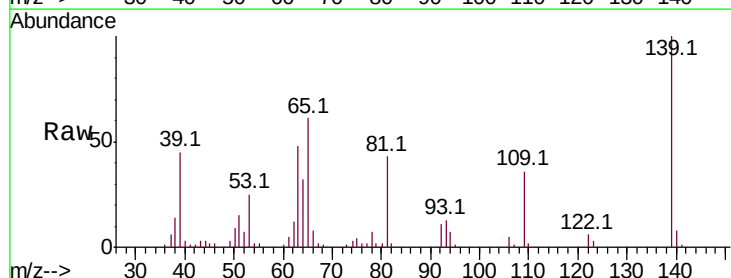
Instrument :
BNA_G
ClientSampleId :
HR-05-090718-CMS

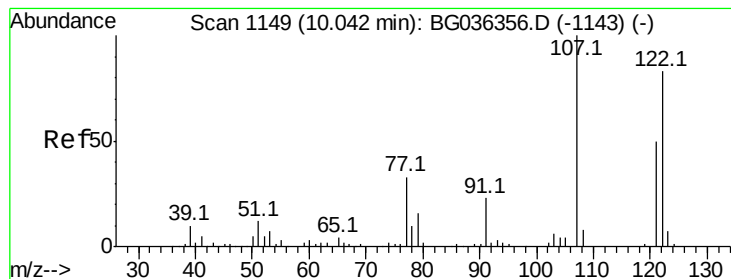
Tot Ion: 82 Resp: 396014
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.8
138 17.2 12.9 19.3



#26
2-Nitrophenol
Concen: 47.122 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

Tgt Ion: 139 Resp: 87323
Ion Ratio Lower Upper
139 100
109 35.8 27.4 41.0
65 60.9 47.8 71.6





#27

2,4-Dimethylphenol

Concen: 49.363 ng

RT: 10.03 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

Instrument :

BNA_G

ClientSampleId :

HR-05-090718-CMS

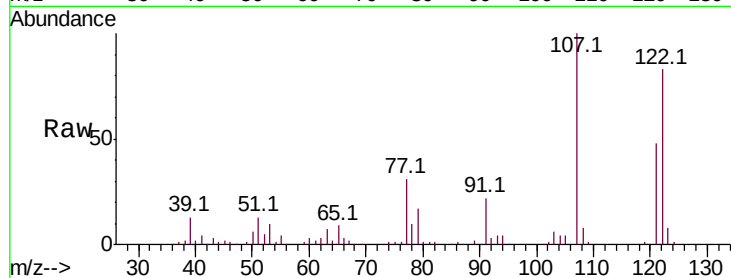
Tot Ion:122 Resp: 169359

Ion Ratio Lower Upper

122 100

107 120.9 96.0 144.0

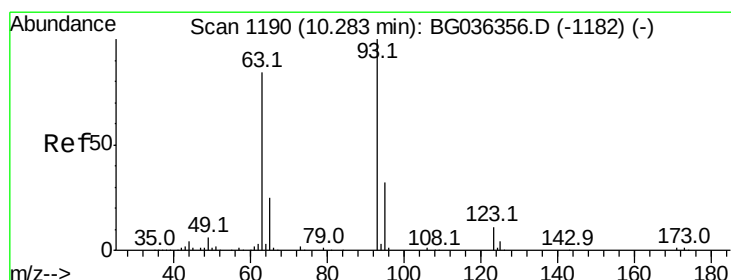
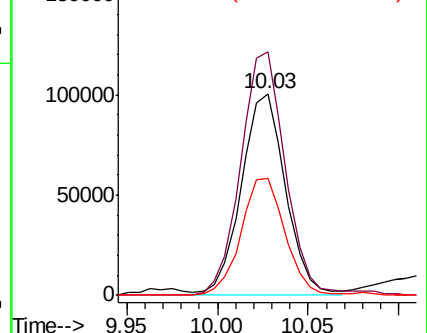
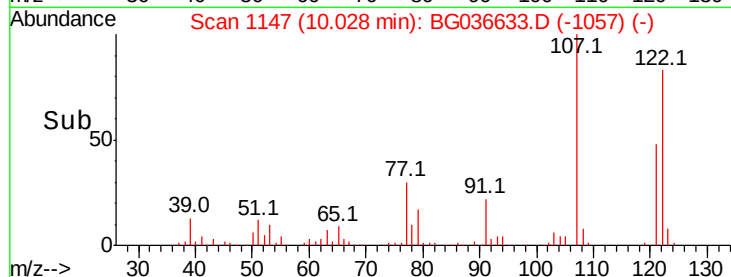
121 57.8 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.294 ng

RT: 10.26 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

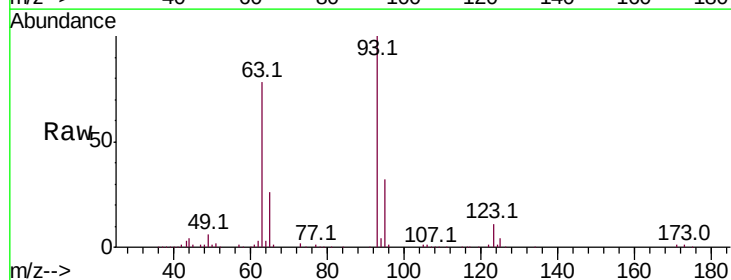
Tgt Ion: 93 Resp: 228913

Ion Ratio Lower Upper

93 100

95 32.3 25.2 37.8

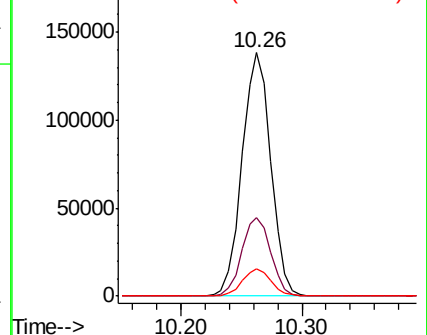
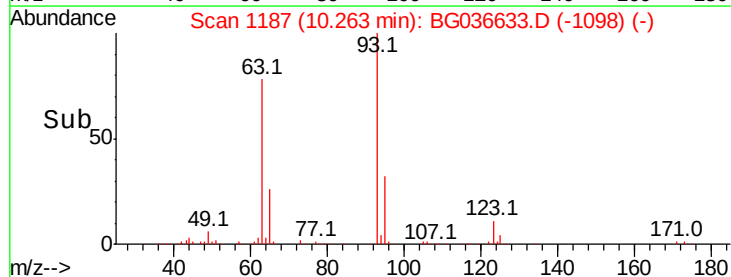
123 11.4 8.6 12.8

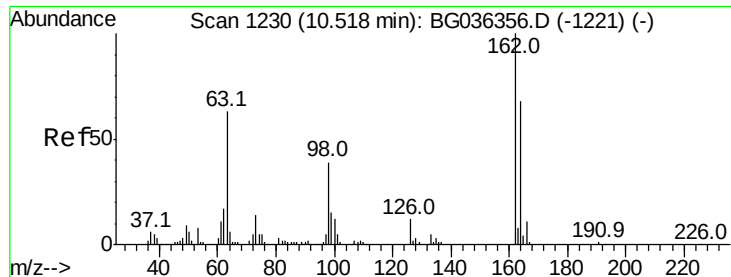


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

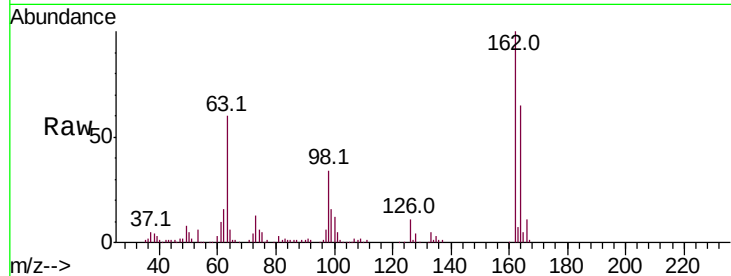




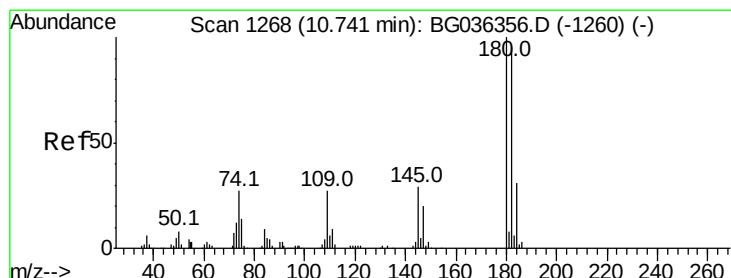
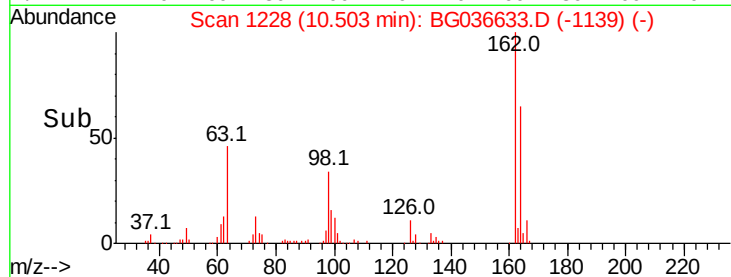
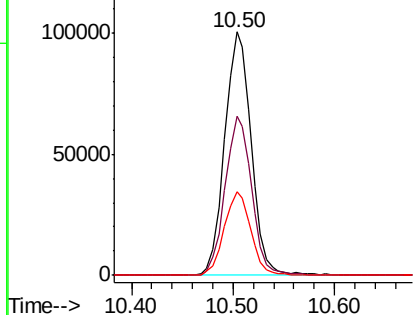
#29
 2,4-Dichlorophenol
 Concen: 48.453 ng
 RT: 10.50 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-090718-CMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	47.6	87.6
98	34.4	19.2	59.2

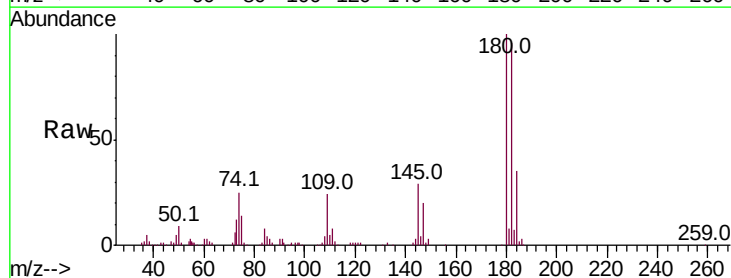


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

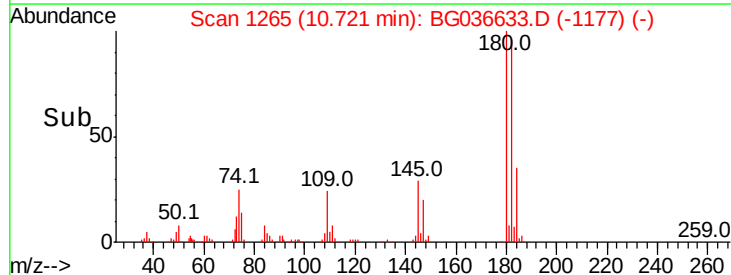
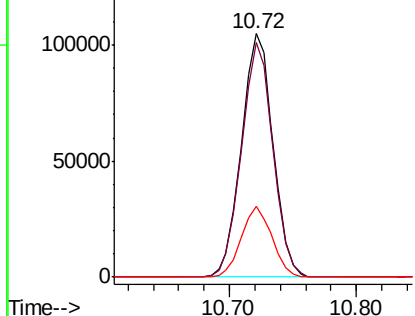


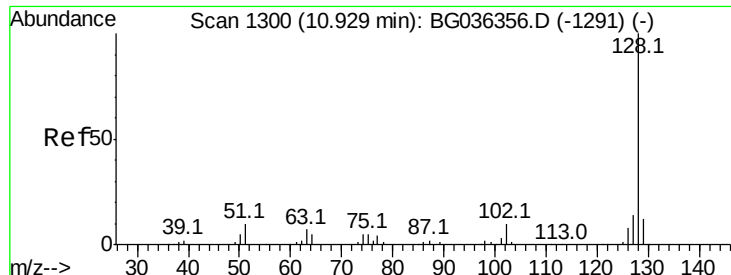
#30
 1,2,4-Trichlorobenzene
 Concen: 41.260 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.0	114.0
145	29.2	22.9	34.3



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

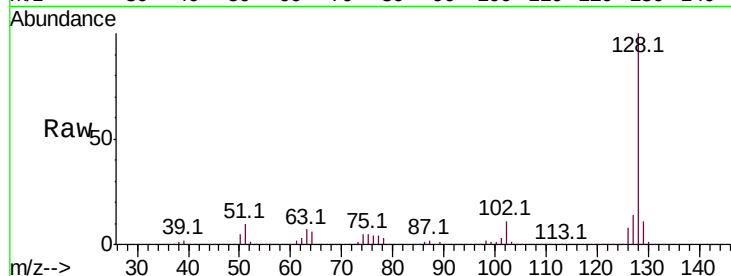




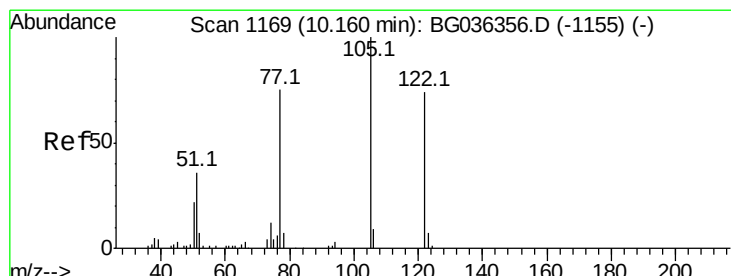
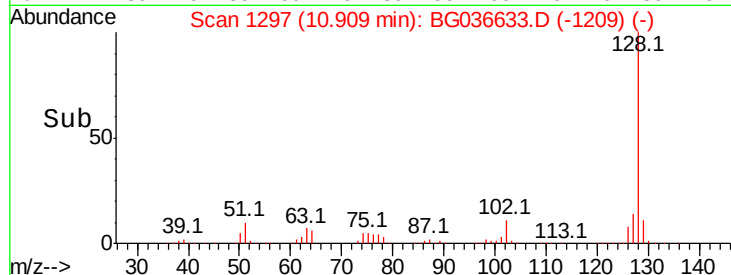
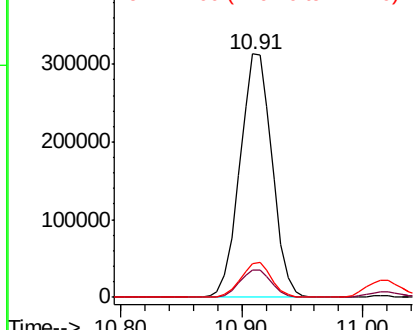
#31
Naphthalene
Concen: 49.338 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

Instrument :
BNA_G
ClientSampleId :
HR-05-090718-CMS

Tot Ion:128 Resp: 580335
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 14.0 11.0 16.4

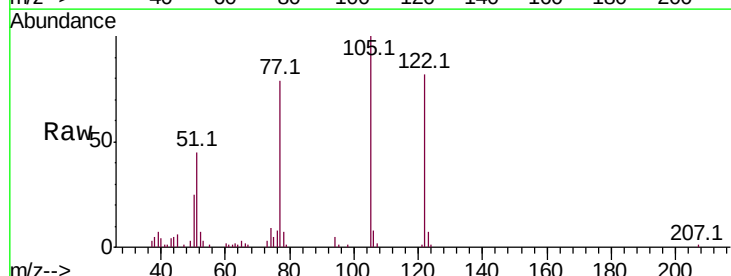


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

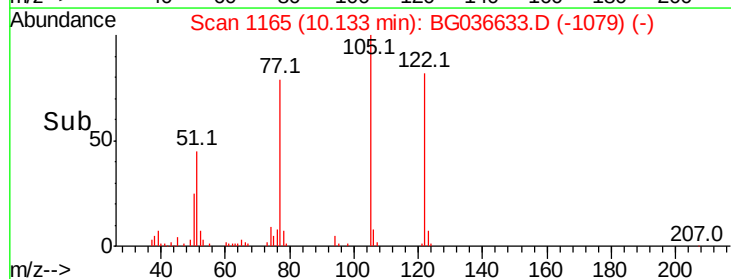
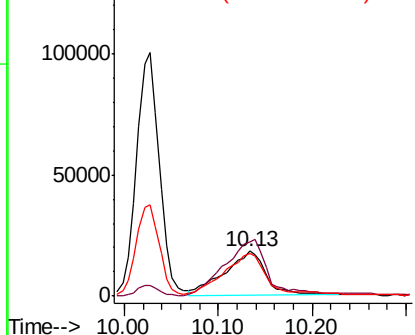


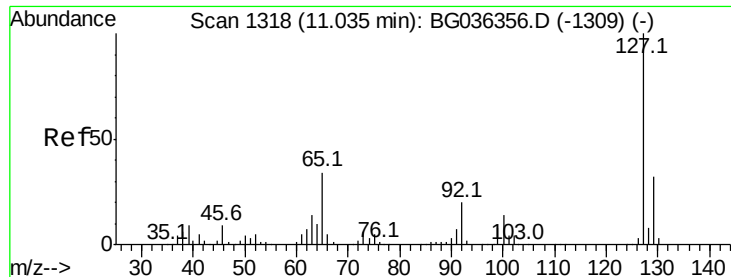
#32
Benzoic acid
Concen: 24.024 ng
RT: 10.13 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

Tgt Ion:122 Resp: 54831
Ion Ratio Lower Upper
122 100
105 121.3 108.1 148.1
77 95.3 76.3 116.3



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

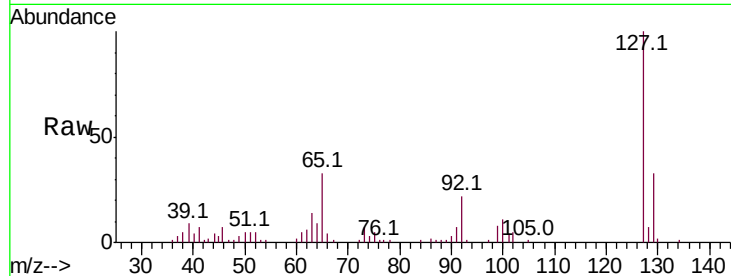




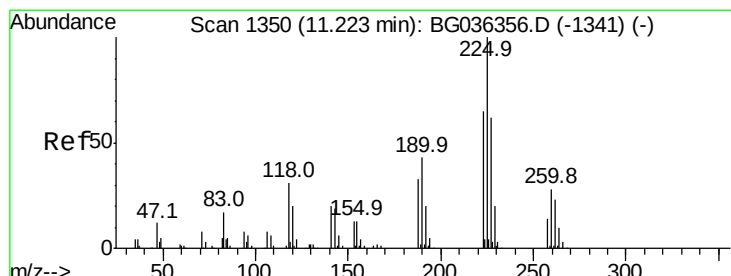
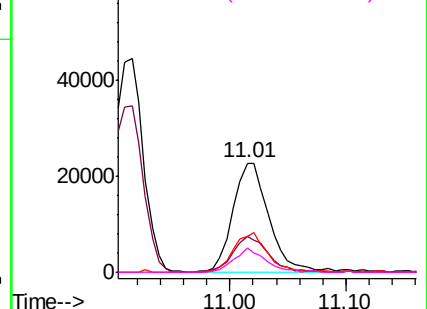
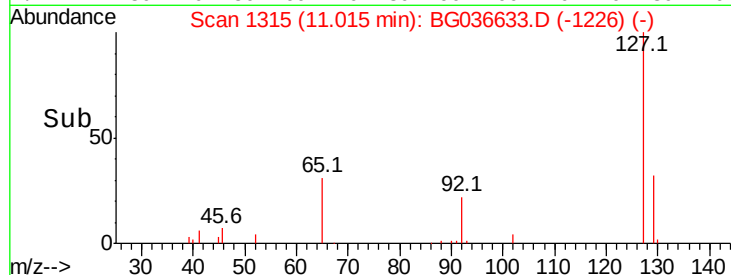
#33
4-Chloroaniline
Concen: 9.176 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

Instrument :
BNA_G
ClientSampleId :
HR-05-090718-CMS

Tot Ion:127	Resp:	49460	
Ion Ratio	Lower	Upper	
127 100			
129 32.7	25.9	38.9	
65 32.8	27.5	41.3	
92 22.0	16.2	24.2	

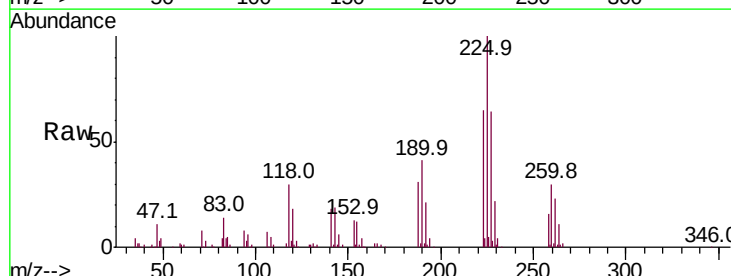


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

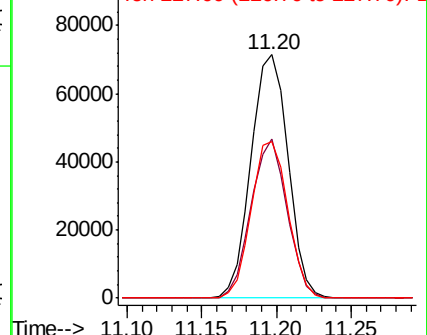
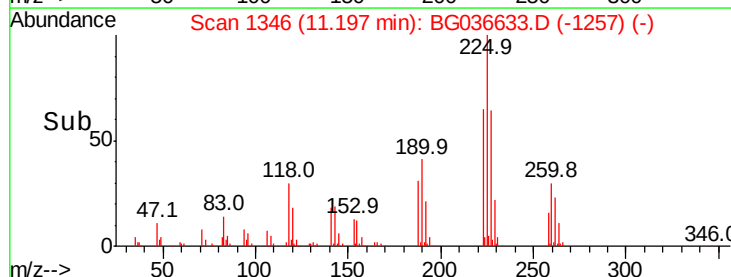


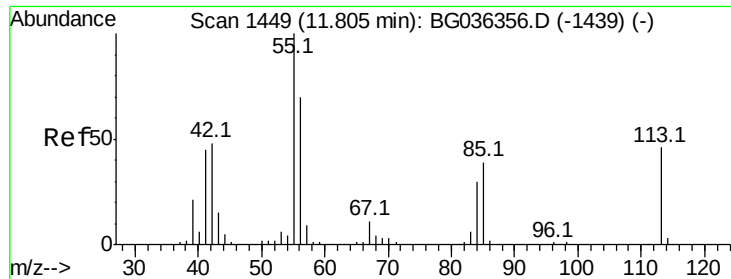
#34
Hexachlorobutadiene
Concen: 41.441 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

Tgt	Ion:225	Resp:	122474
Ion	Ratio	Lower	Upper
225	100		
223	65.4	51.8	77.8
227	64.3	49.8	74.6



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

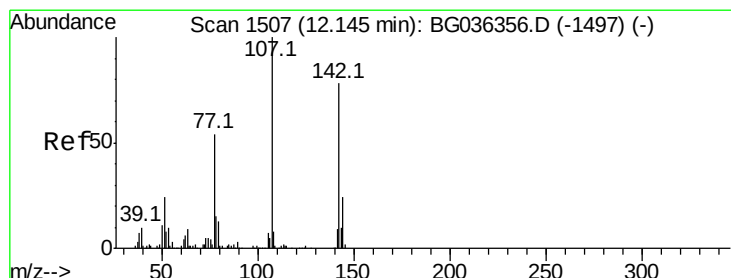
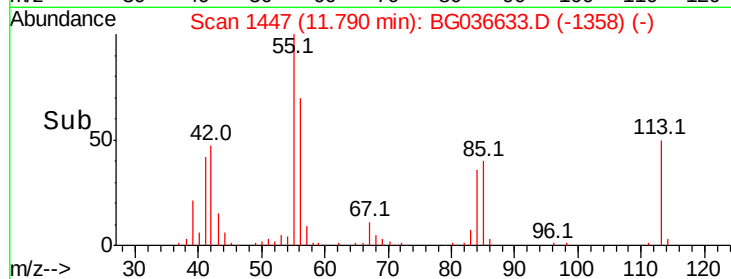
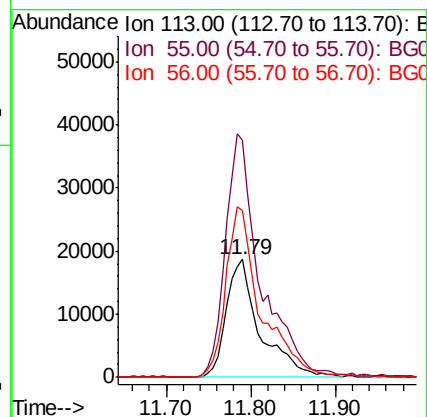
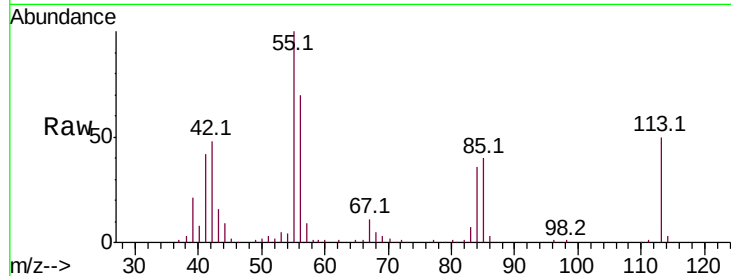




#35
 Caprolactam
 Concen: 34.592 ng
 RT: 11.79 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

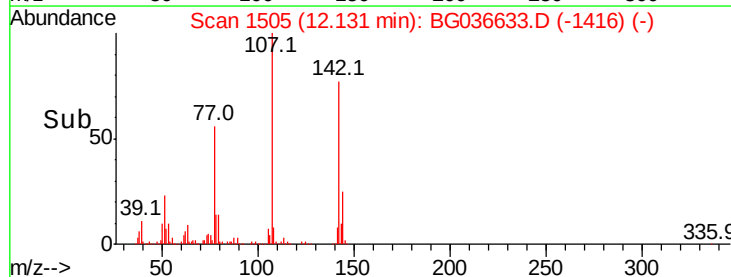
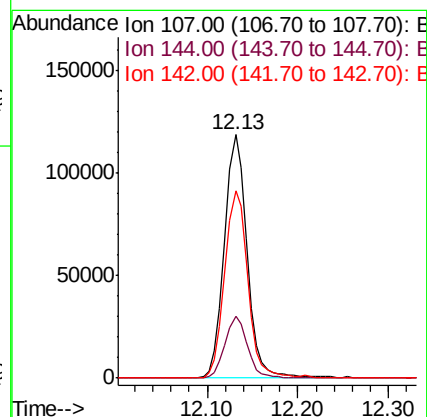
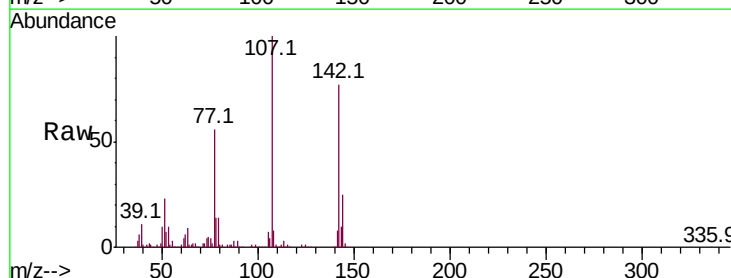
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-090718-CMS

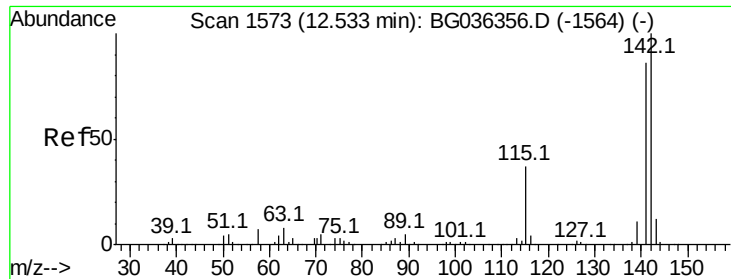
Tot Ion:113 Resp: 51814
 Ion Ratio Lower Upper
 113 100
 55 201.4 197.7 237.7
 56 141.0 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 47.497 ng
 RT: 12.13 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

Tgt Ion:107 Resp: 207517
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.5 29.3
 142 77.1 62.4 93.6

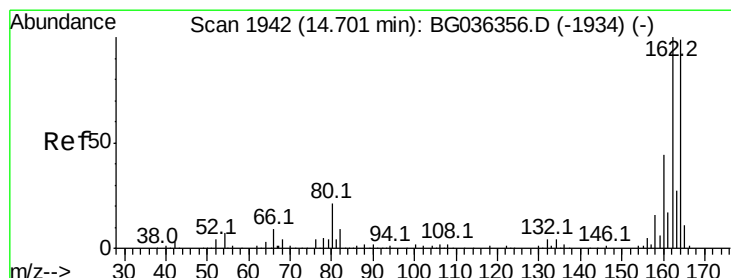
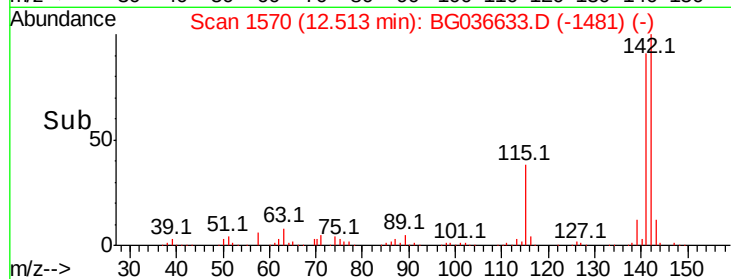
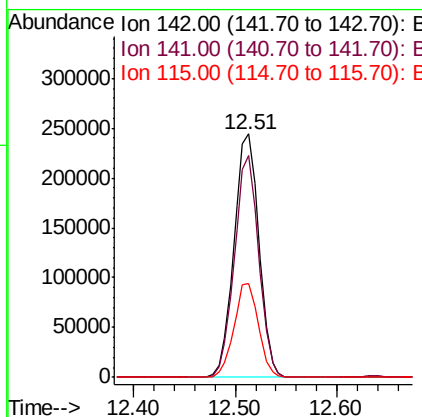
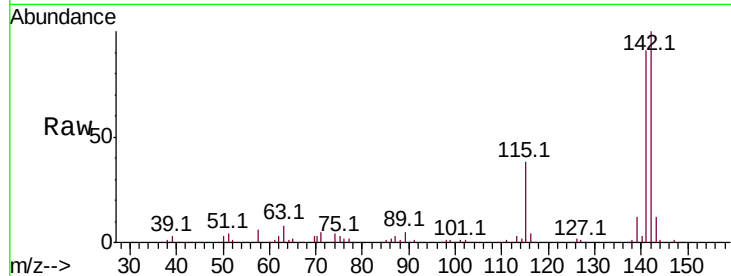




#37
 2-Methylnaphthalene
 Concen: 48.462 ng
 RT: 12.51 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

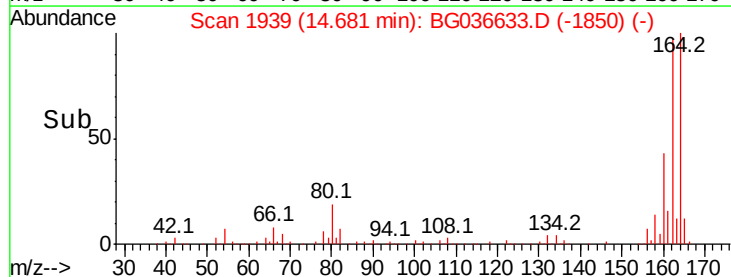
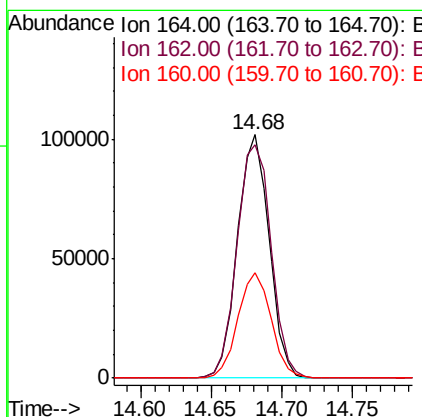
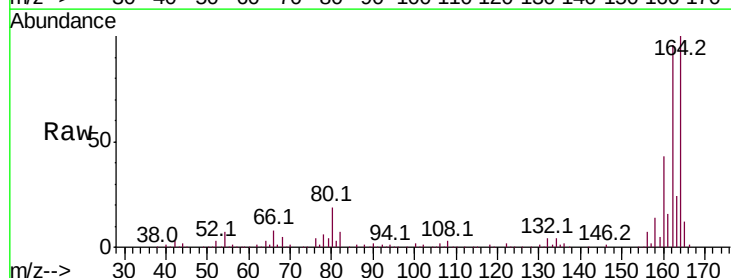
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-090718-CMS

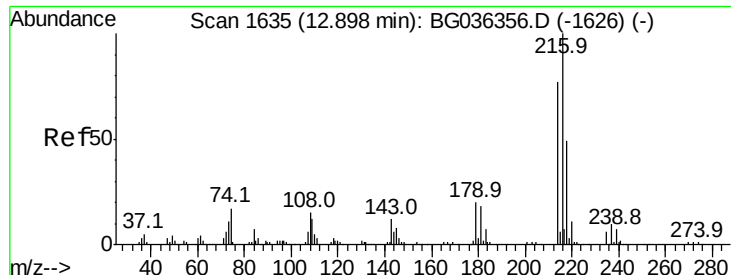
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	68.5	102.7
115	38.4	29.8	44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.8	80.7	121.1
160	43.1	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.175 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

Instrument :

BNA_G

ClientSampleId :

HR-05-090718-CMS

Tot Ion:216 Resp: 239019

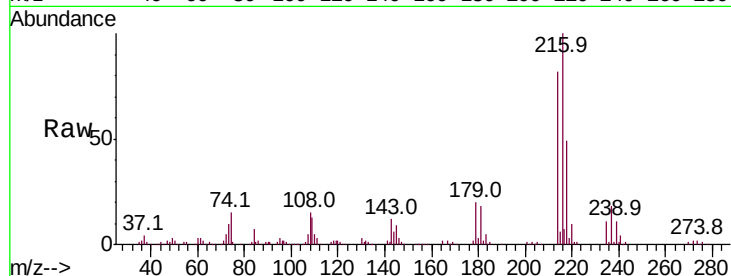
Ion Ratio Lower Upper

216 100

214 78.5 61.0 91.6

179 19.2 15.7 23.5

108 17.3 13.1 19.7

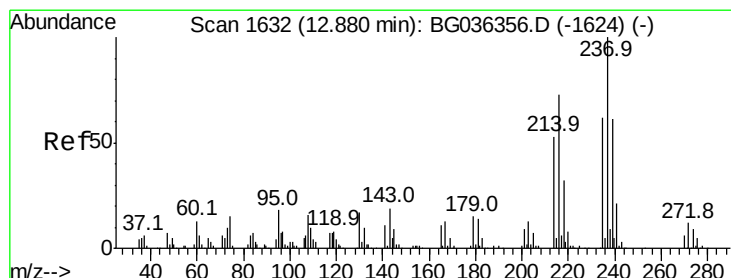
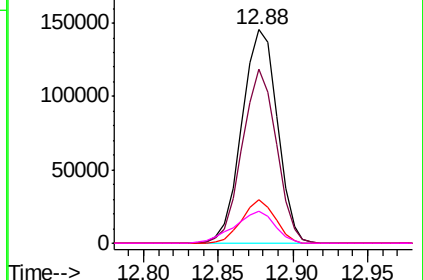
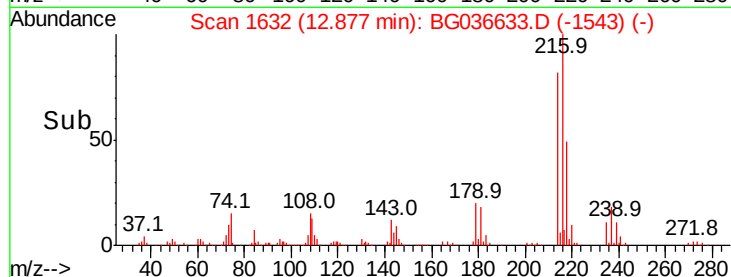


Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.011 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

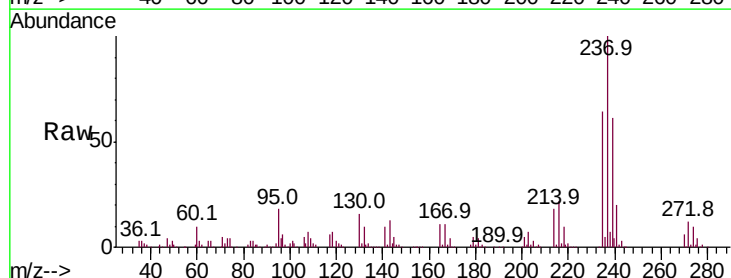
Tgt Ion:237 Resp: 259518

Ion Ratio Lower Upper

237 100

235 63.7 42.2 82.2

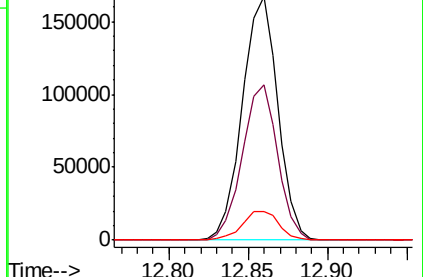
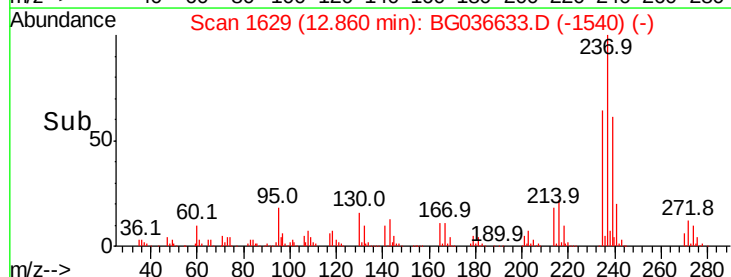
272 11.8 0.0 32.1

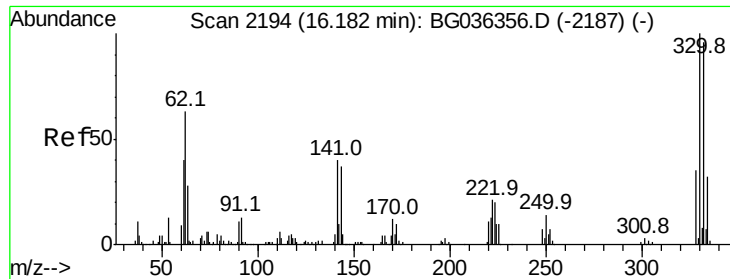


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

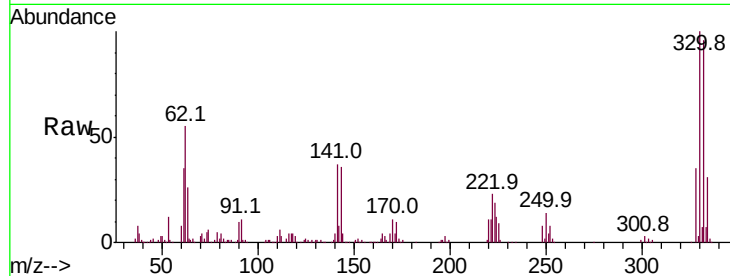




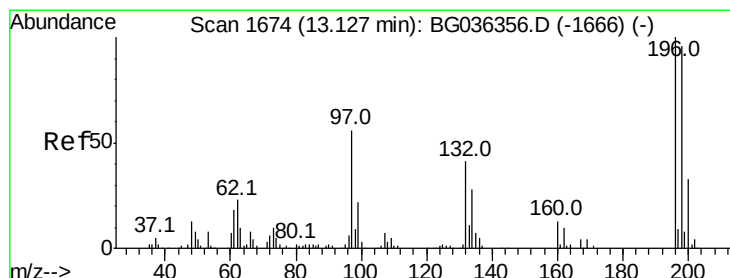
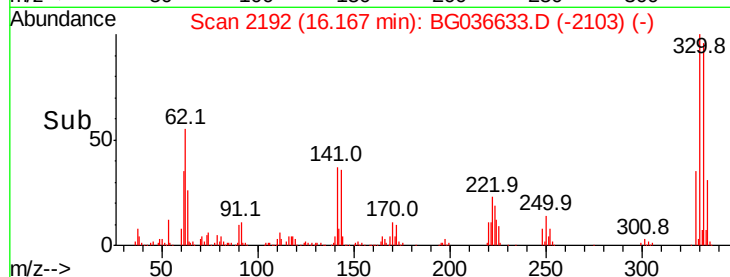
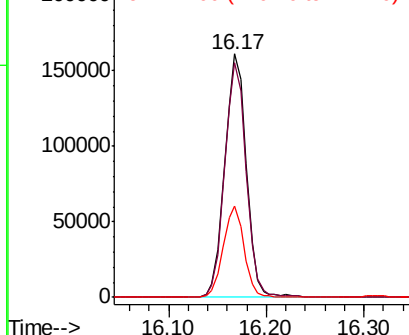
#41
 2,4,6-Tribromophenol
 Concen: 129.753 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-090718-CMS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.4	113.2
141	36.3	30.7	46.1

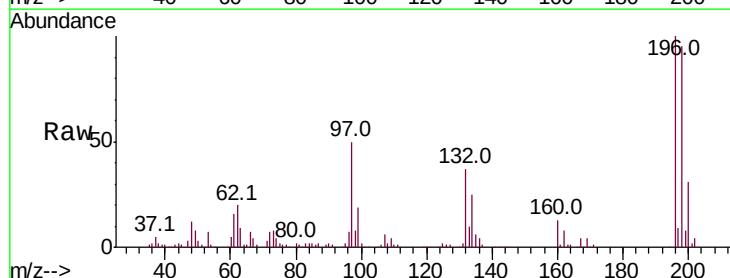


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

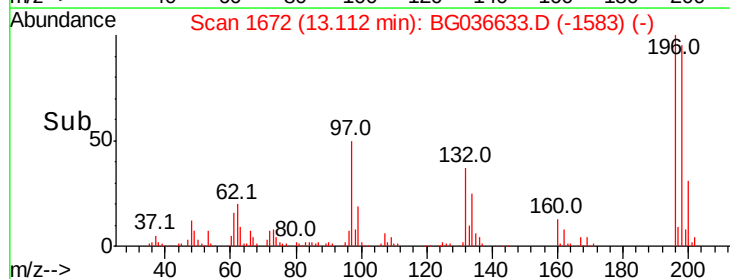
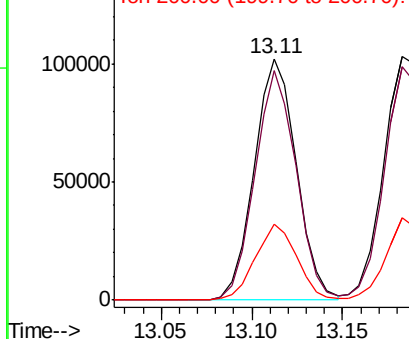


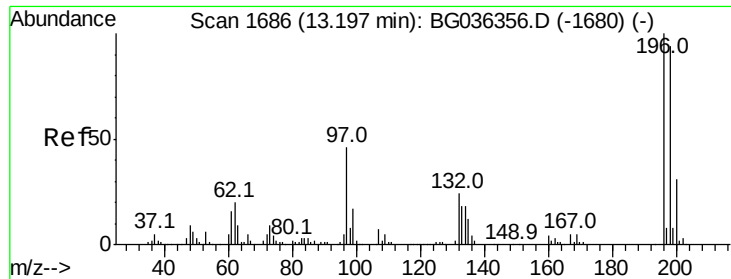
#42
 2,4,6-Trichlorophenol
 Concen: 47.717 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.2	115.8
200	31.5	26.3	39.5



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

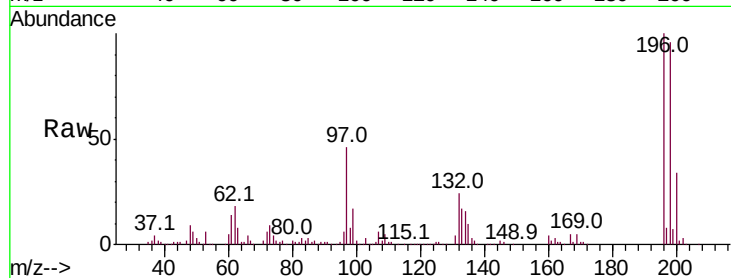




#43
 2,4,5-Trichlorophenol
 Concen: 48.870 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-090718-CMS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.6	113.4
97	46.4	37.2	55.8
132	24.1	19.4	29.2



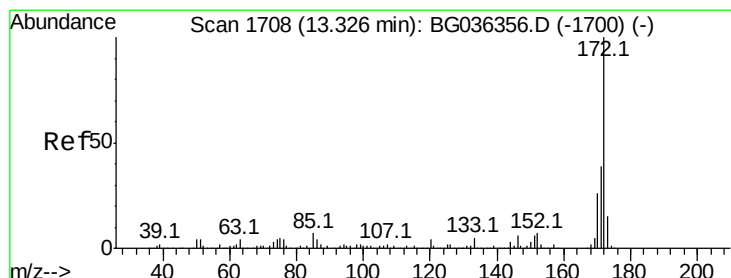
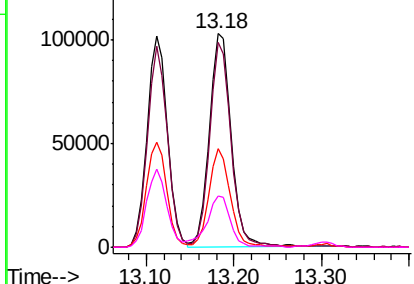
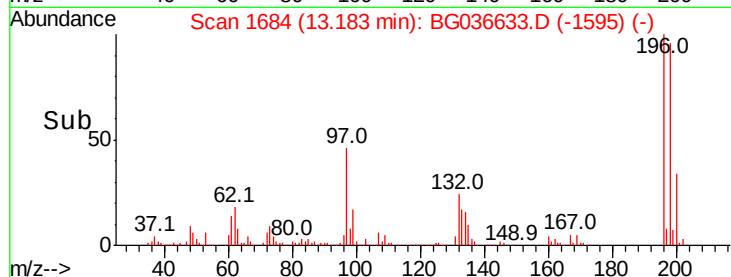
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

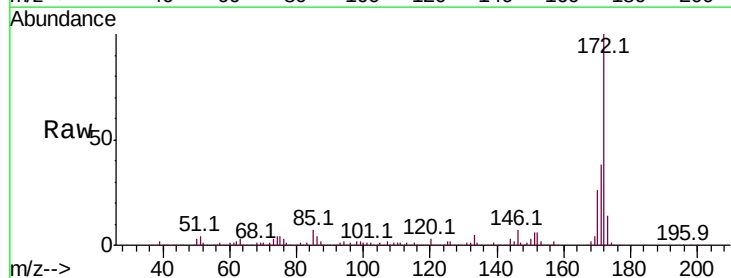
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.557 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	25.8	21.0	31.6

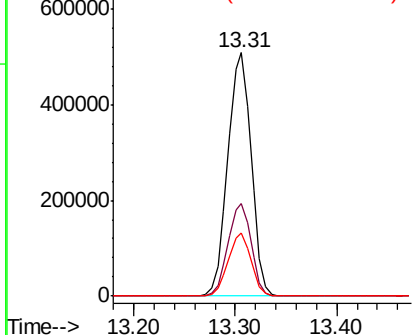
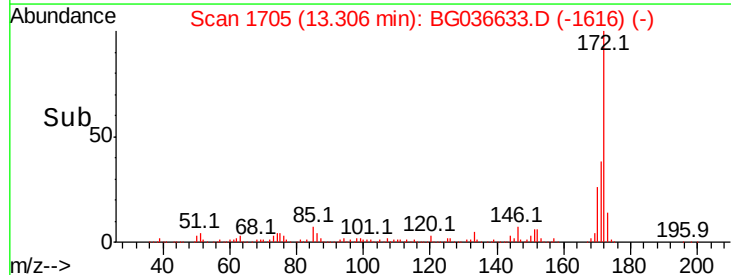


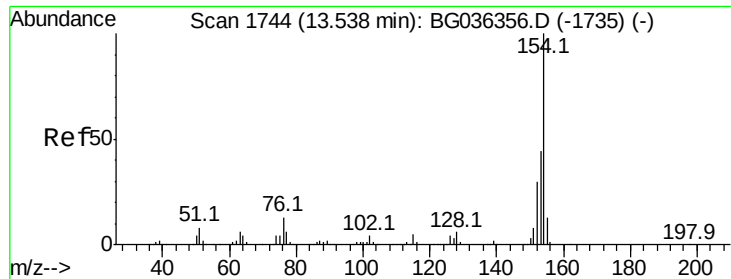
Abundance

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

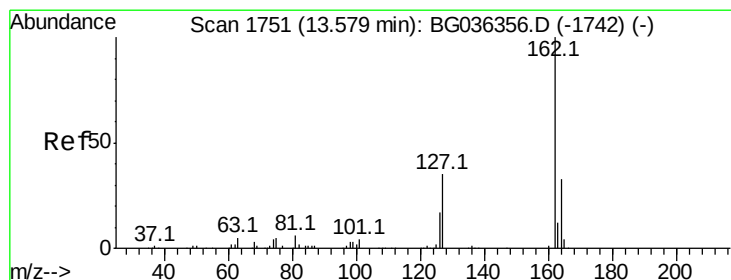
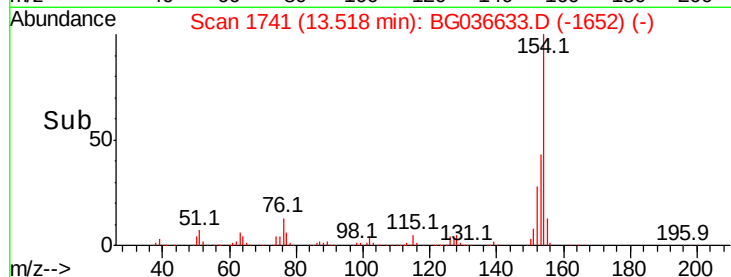
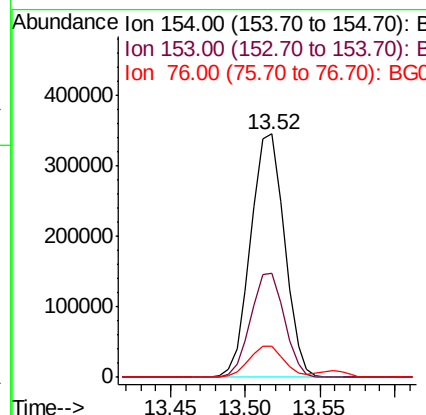
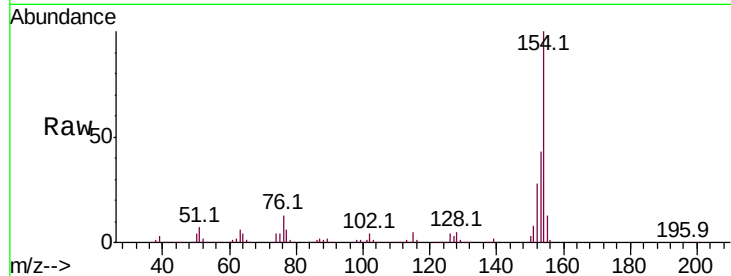




#45
 1,1'-Biphenyl
 Concen: 40.734 ng
 RT: 13.52 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

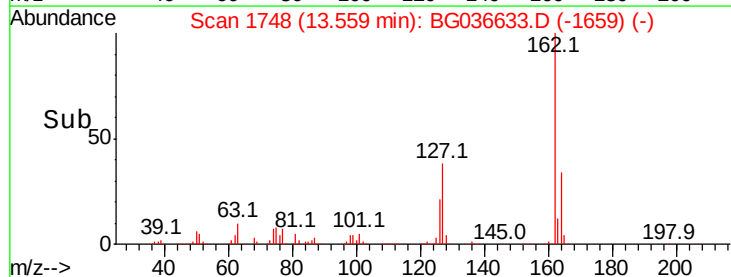
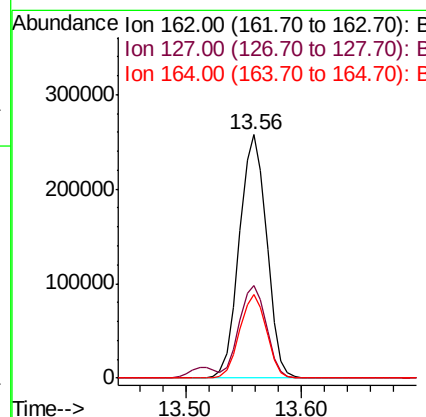
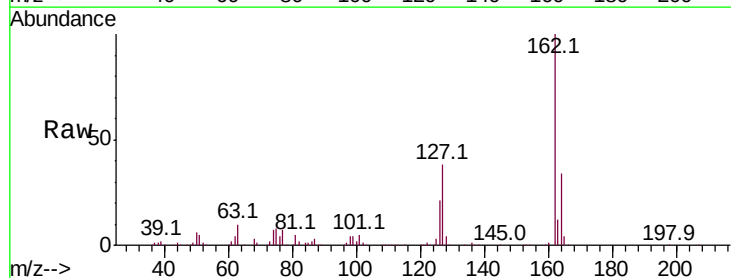
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-090718-CMS

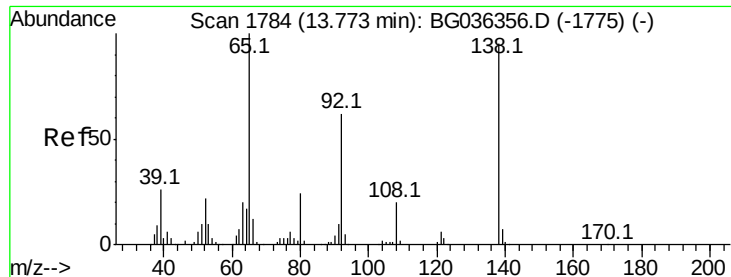
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.5	24.0	64.0
76	12.8	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 41.514 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.7	46.1
164	34.1	26.7	40.1

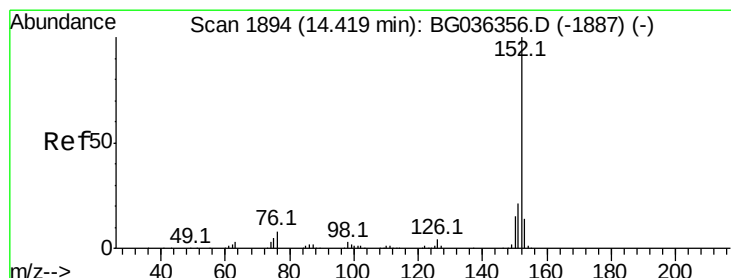
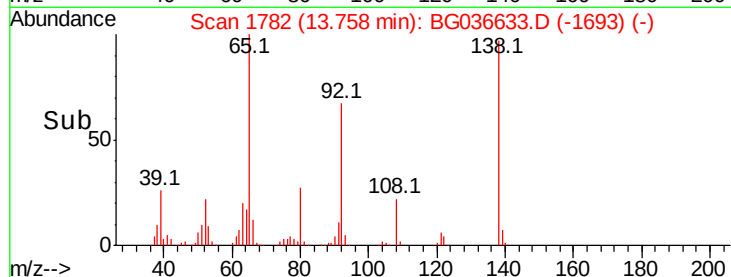
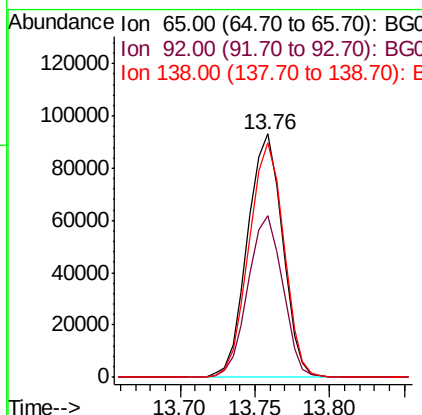
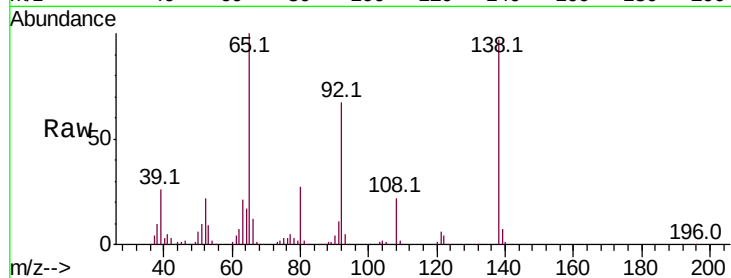




#47
2-Nitroaniline
Concen: 47.474 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

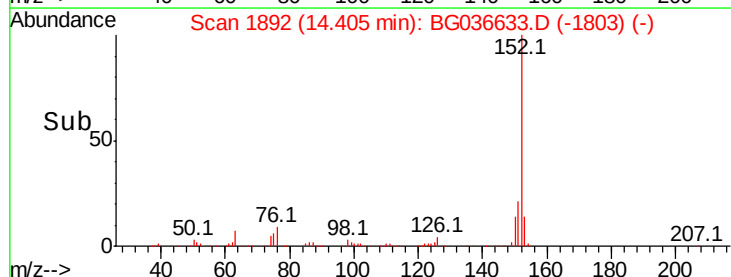
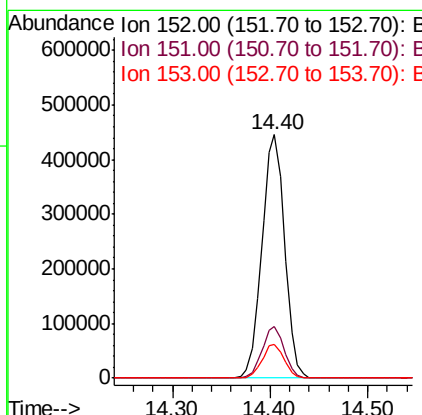
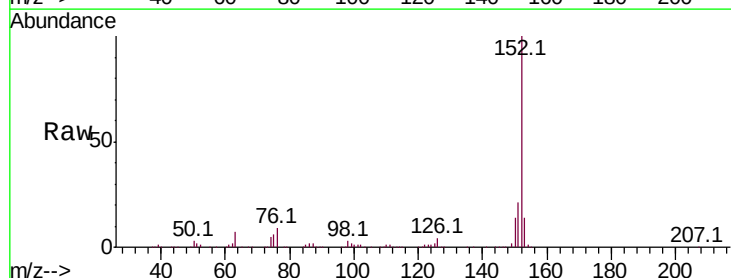
Instrument :
BNA_G
ClientSampleId :
HR-05-090718-CMS

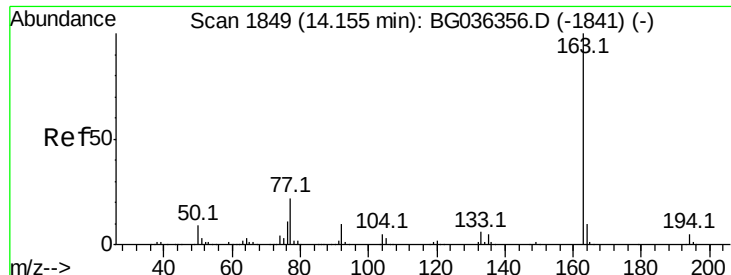
Tot Ion: 65 Resp: 151288
Ion Ratio Lower Upper
65 100
92 66.7 49.9 74.9
138 96.5 76.2 114.4



#48
Acenaphthylene
Concen: 46.102 ng
RT: 14.40 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

Tgt Ion:152 Resp: 731177
Ion Ratio Lower Upper
152 100
151 21.1 16.9 25.3
153 14.0 11.2 16.8





#49

Dimethylphthalate

Concen: 44.798 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

Instrument :

BNA_G

ClientSampleId :

HR-05-090718-CMS

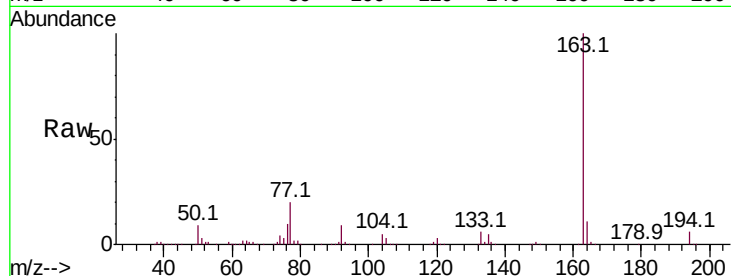
Tot Ion:163 Resp: 585815

Ion Ratio Lower Upper

163 100

194 5.5 4.0 6.0

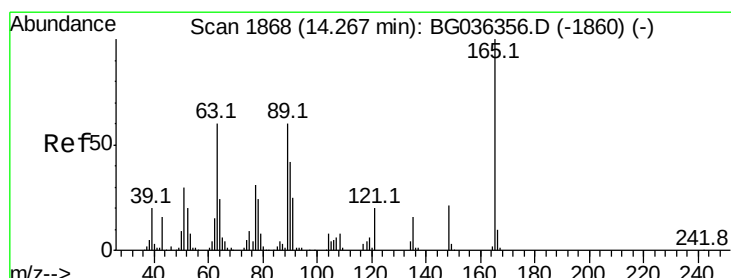
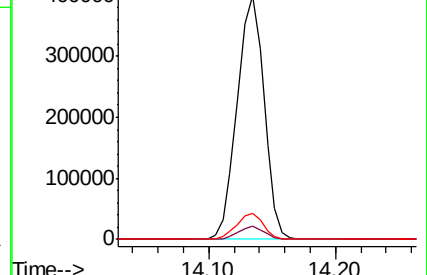
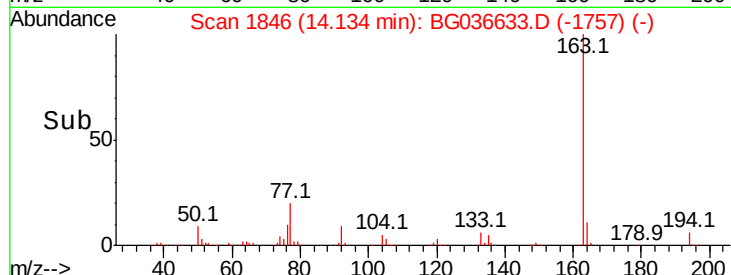
164 10.6 8.1 12.1



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: 46.936 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

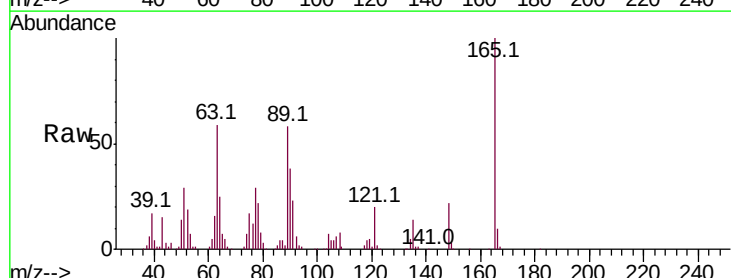
Tgt Ion:165 Resp: 126297

Ion Ratio Lower Upper

165 100

63 58.6 50.1 75.1

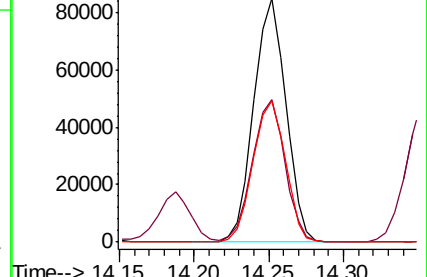
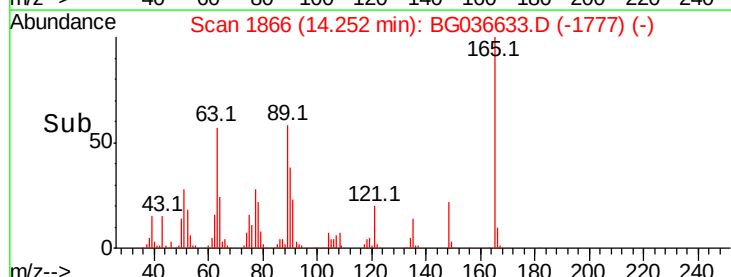
89 58.0 47.8 71.6

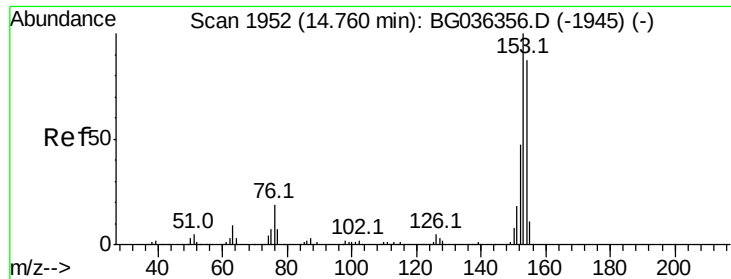


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.852 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

Instrument :

BNA_G

ClientSampleId :

HR-05-090718-CMS

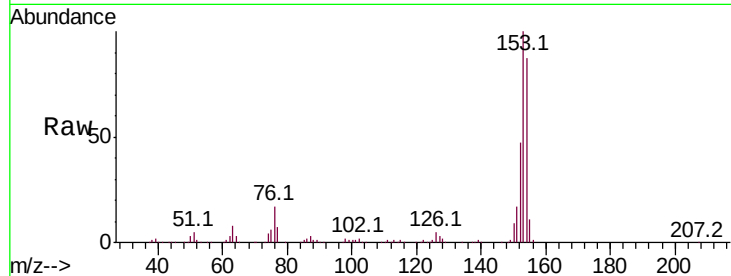
Tot Ion:154 Resp: 445431

Ion Ratio Lower Upper

154 100

153 114.5 91.8 137.6

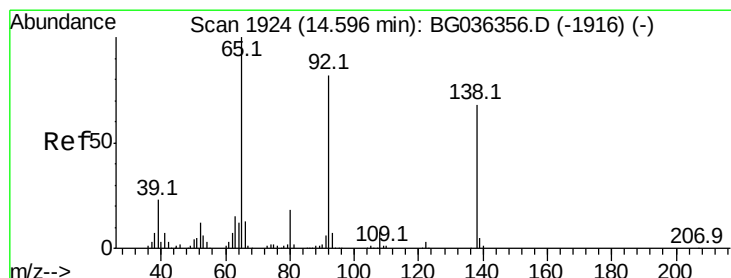
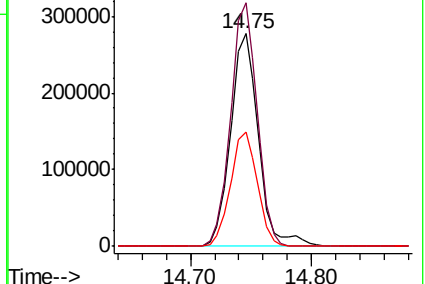
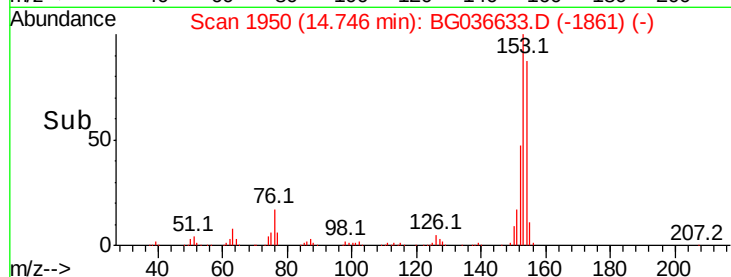
152 53.7 43.5 65.3



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: 30.085 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

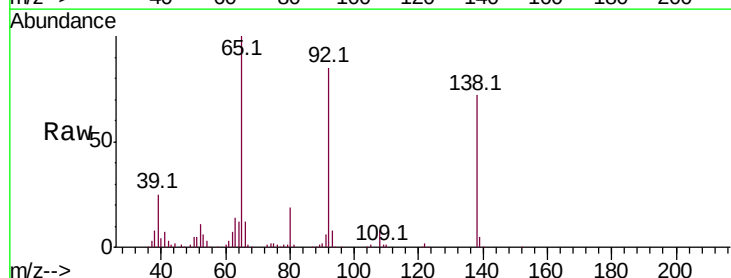
Tgt Ion:138 Resp: 87237

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.2

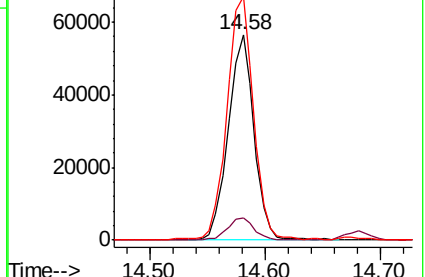
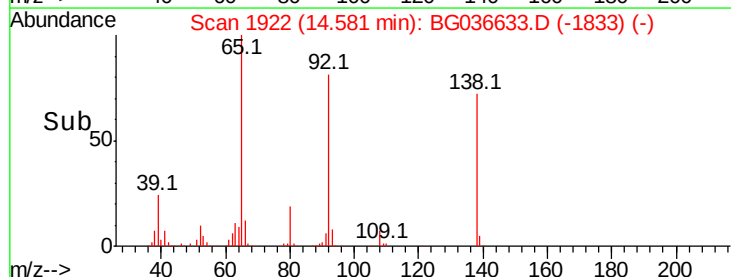
92 118.6 96.8 145.2

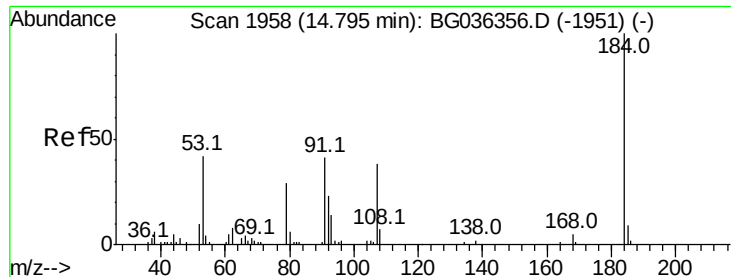


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

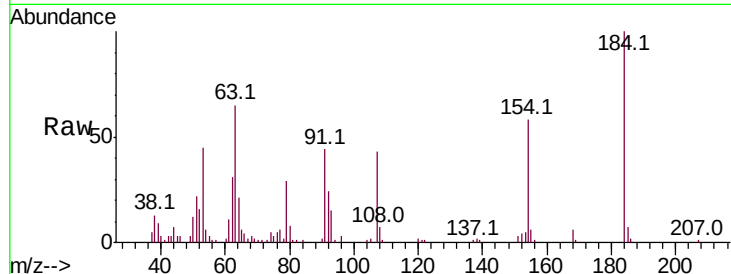




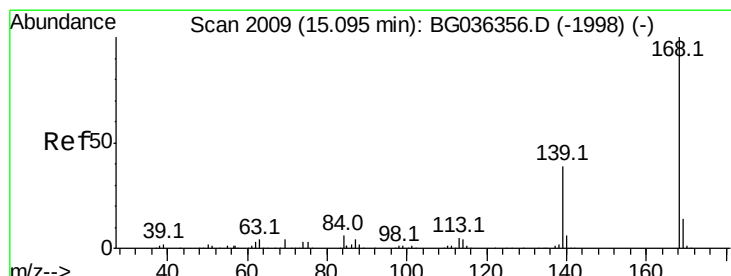
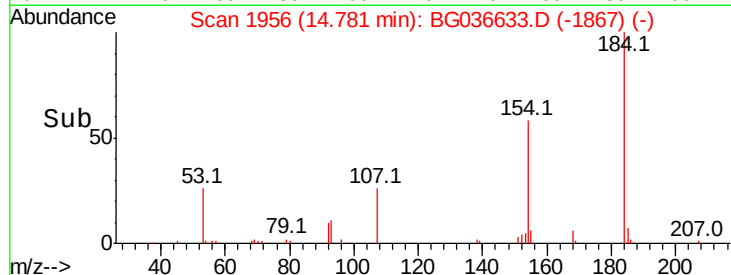
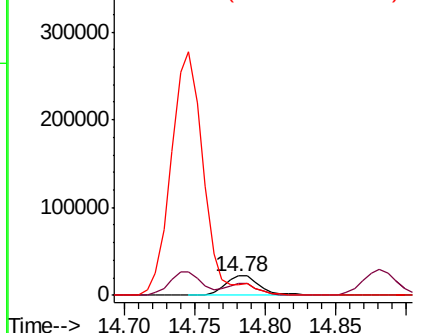
#53
 2,4-Dinitrophenol
 Concen: 37.752 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-090718-CMS

Tot Ion:184 Resp: 38478
 Ion Ratio Lower Upper
 184 100
 63 64.8 47.3 70.9
 154 57.7 51.1 76.7

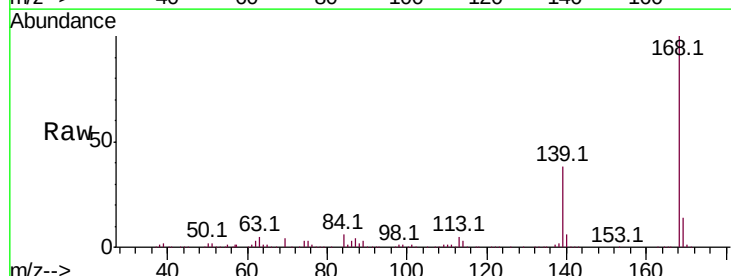


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

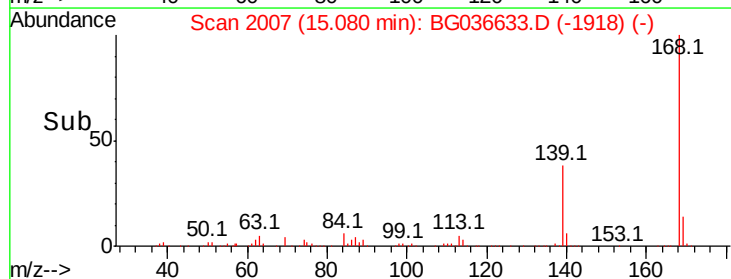
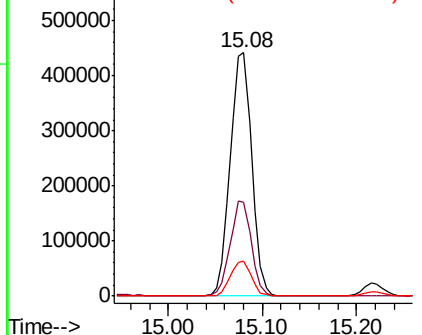


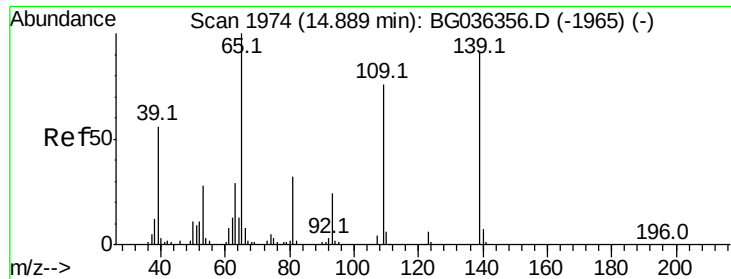
#54
 Dibenzofuran
 Concen: 44.183 ng
 RT: 15.08 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

Tgt Ion:168 Resp: 703100
 Ion Ratio Lower Upper
 168 100
 139 38.4 31.0 46.6
 169 14.2 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

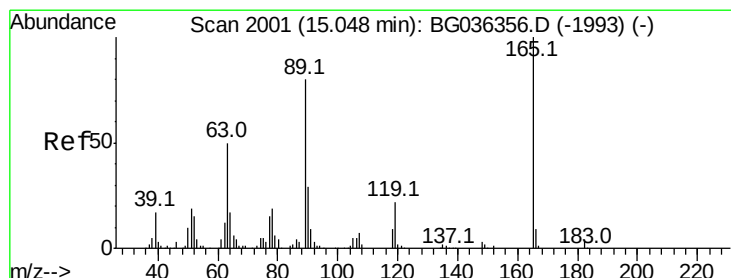
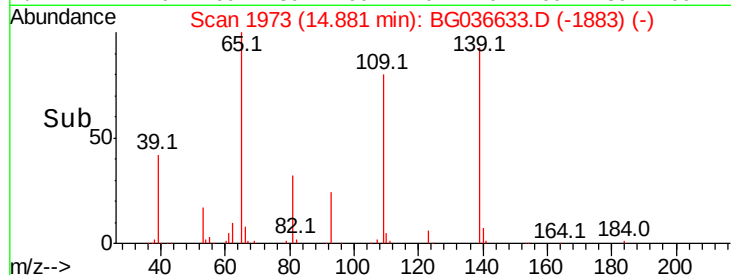
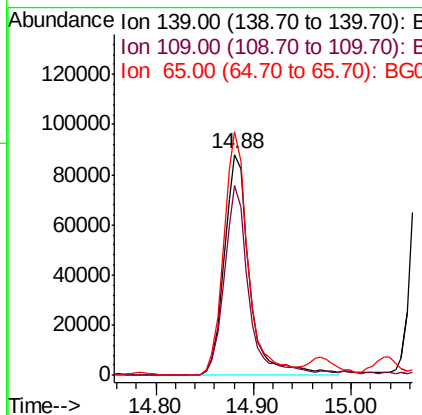
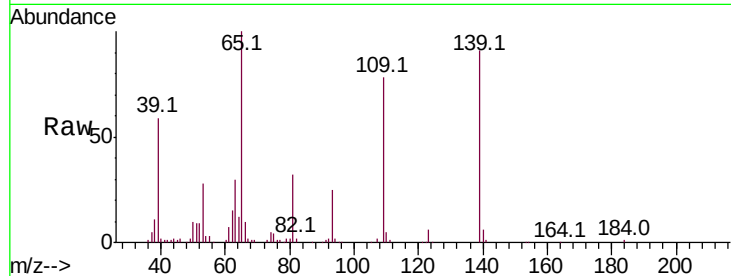




#55
4-Nitrophenol
Concen: 66.742 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

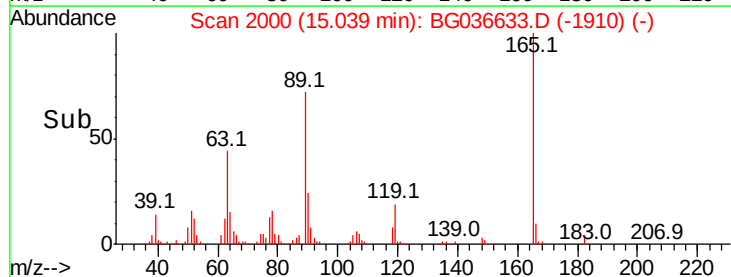
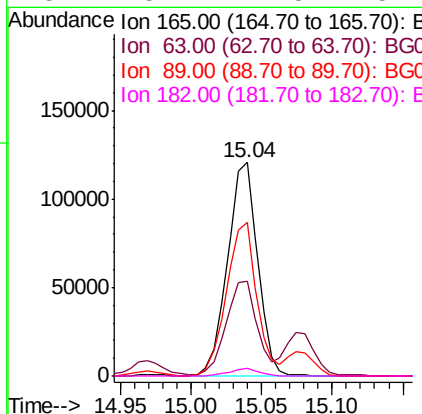
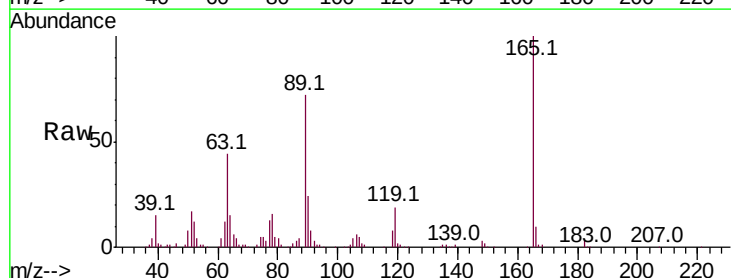
Instrument :
BNA_G
ClientSampleId :
HR-05-090718-CMS

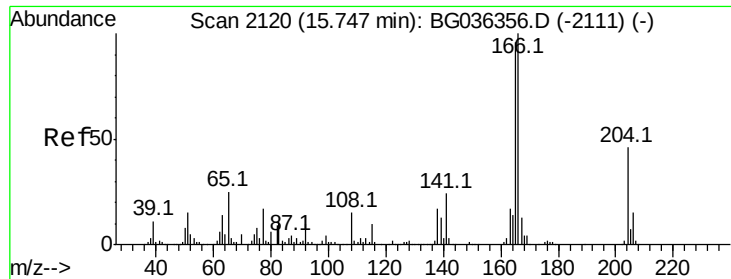
Tot Ion:139 Resp: 158237
Ion Ratio Lower Upper
139 100
109 85.7 63.9 103.9
65 110.2 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 51.014 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

Tgt Ion:165 Resp: 178904
Ion Ratio Lower Upper
165 100
63 44.4 40.1 60.1
89 72.2 63.7 95.5
182 3.4 2.5 3.7





#57

Fluorene

Concen: 47.328 ng

RT: 15.73 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

Instrument :

BNA_G

ClientSampleId :

HR-05-090718-CMS

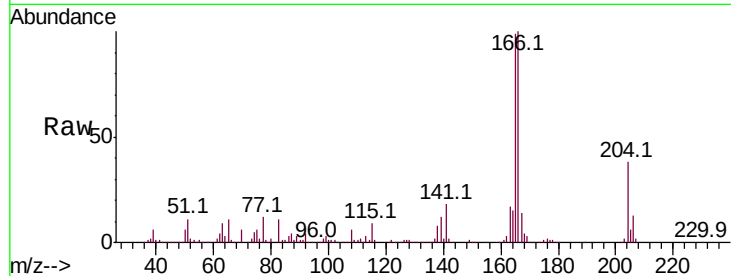
Tot Ion:166 Resp: 563028

Ion Ratio Lower Upper

166 100

165 99.1 77.0 115.4

167 14.4 10.6 16.0

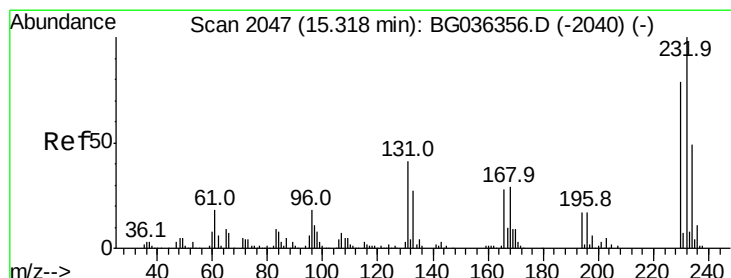
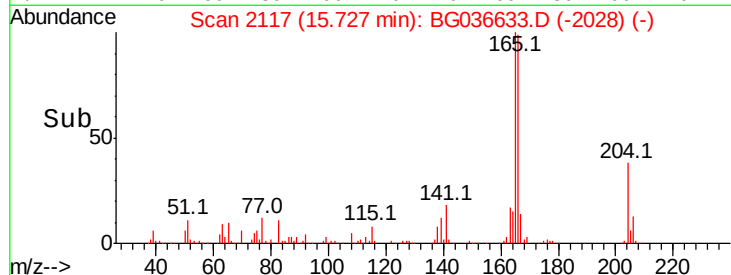
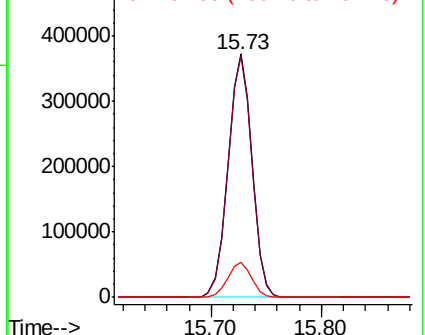


Abundance

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: 50.892 ng

RT: 15.30 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

Tgt Ion:232 Resp: 176064

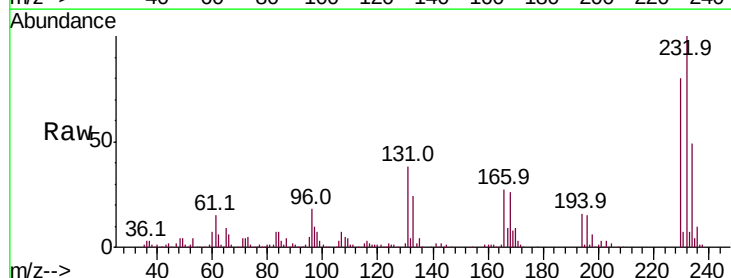
Ion Ratio Lower Upper

232 100

131 37.8 33.8 50.8

130 2.5 2.1 3.1

166 26.6 22.3 33.5



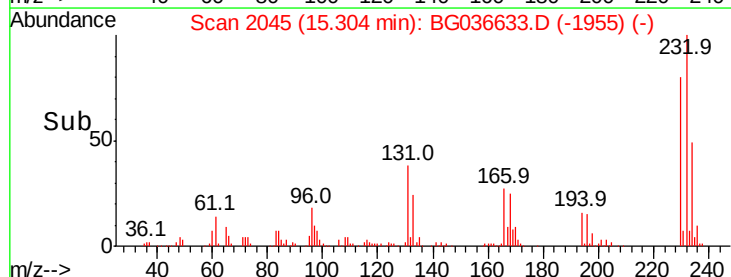
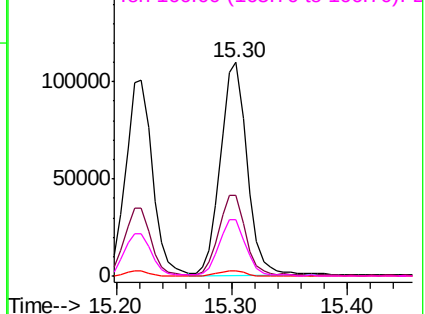
Abundance

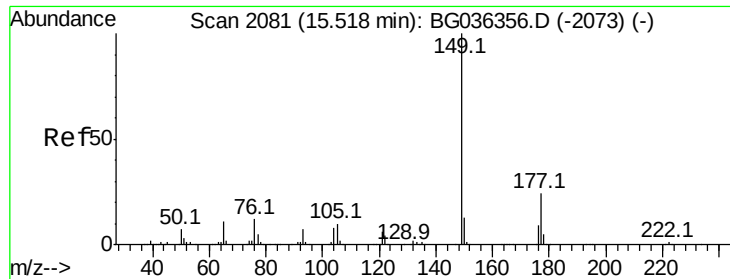
Ion 232.00 (231.70 to 232.70): E

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: 44.584 ng

RT: 15.49 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

Instrument :

BNA_G

ClientSampleId :

HR-05-090718-CMS

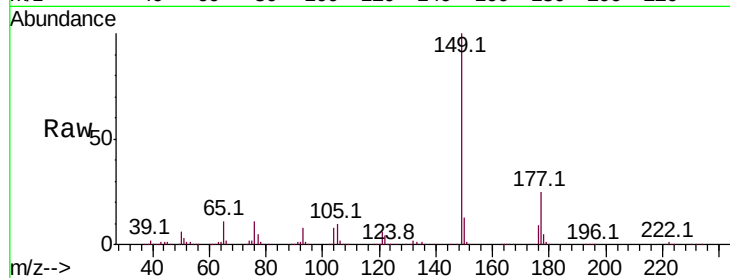
Tot Ion:149 Resp: 587553

Ion Ratio Lower Upper

149 100

177 24.8 19.1 28.7

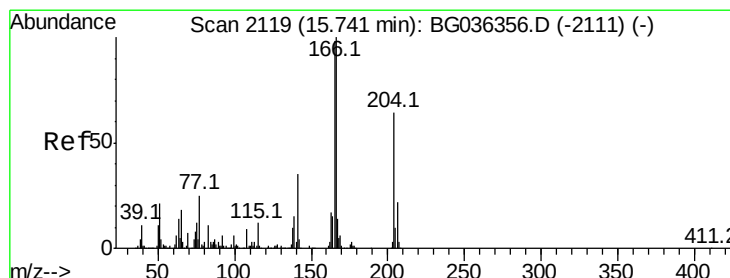
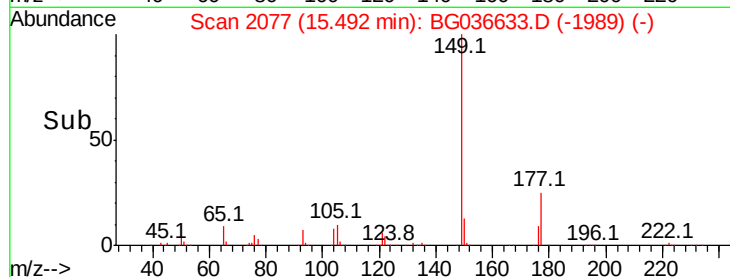
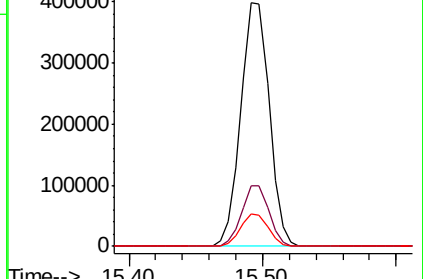
150 13.4 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.415 ng

RT: 15.72 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

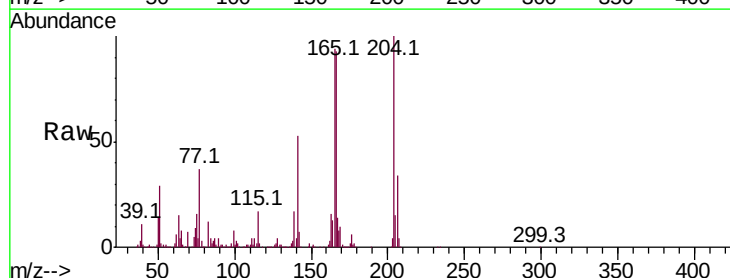
Tgt Ion:204 Resp: 326266

Ion Ratio Lower Upper

204 100

206 33.7 27.0 40.4

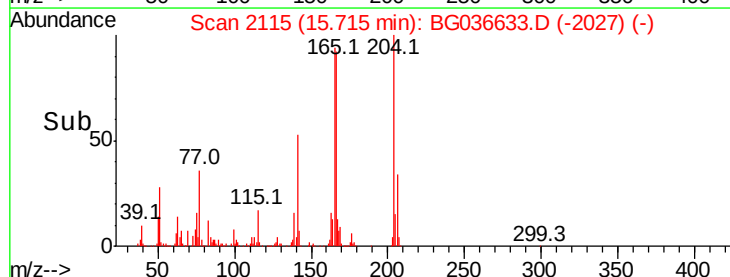
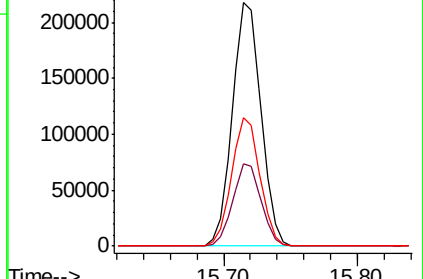
141 52.8 43.8 65.6

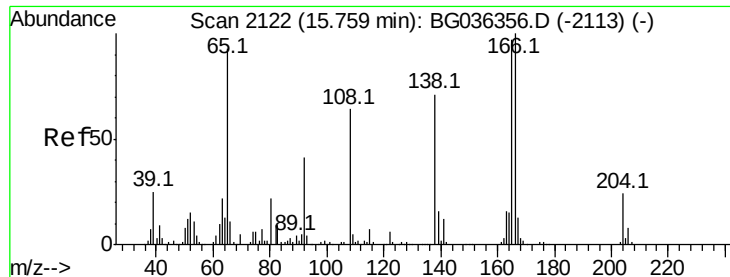


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

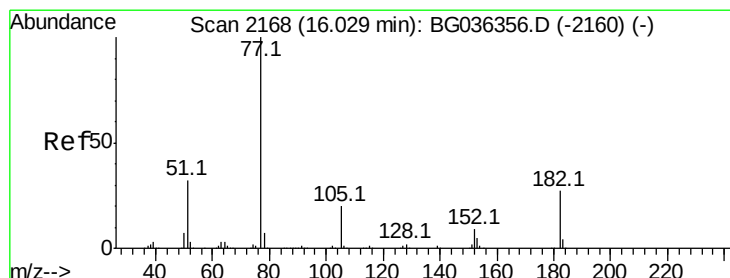
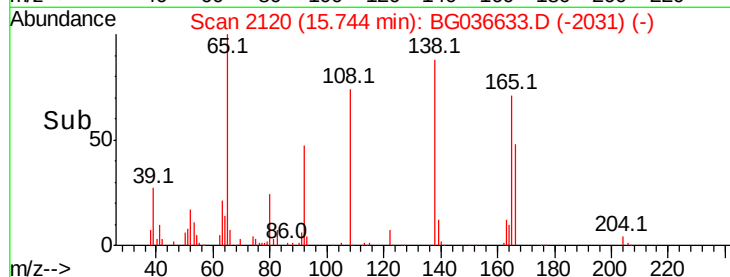
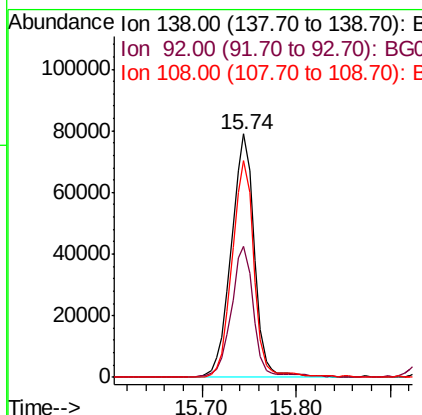
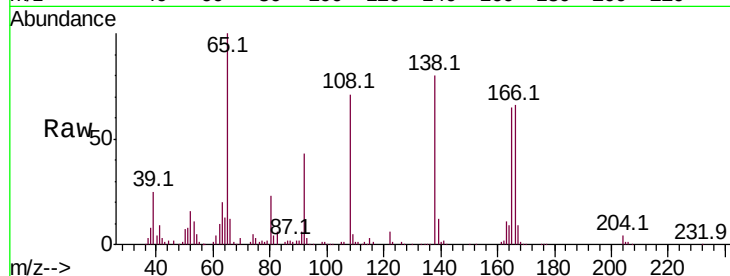




#61
4-Nitroaniline
Concen: 44.473 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

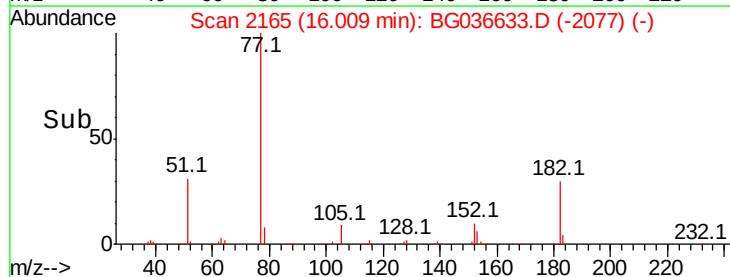
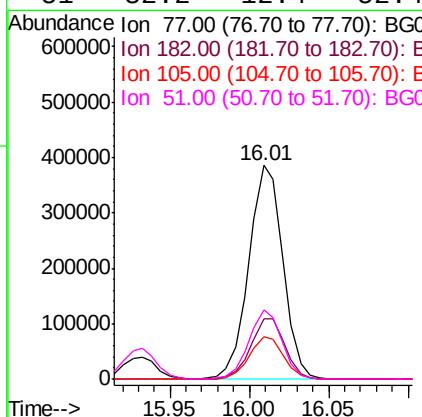
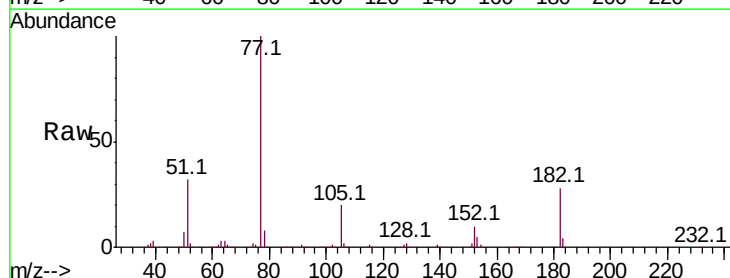
Instrument :
BNA_G
ClientSampleId :
HR-05-090718-CMS

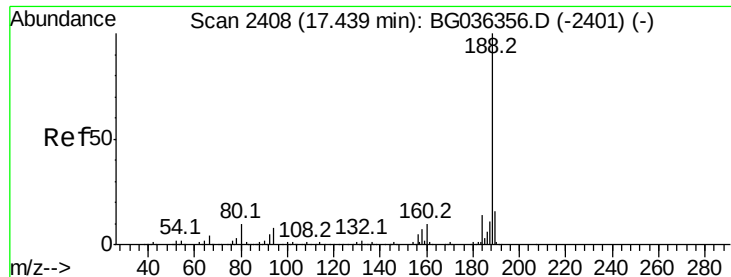
Tot Ion:138 Resp: 134947
Ion Ratio Lower Upper
138 100
92 53.9 38.5 78.5
108 89.2 70.3 110.3



#62
Azobenzene
Concen: 42.679 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

Tgt Ion: 77 Resp: 572268
Ion Ratio Lower Upper
77 100
182 28.4 6.7 46.7
105 19.5 0.0 39.8
51 32.2 12.4 52.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

Instrument :

BNA_G

ClientSampleId :

HR-05-090718-CMS

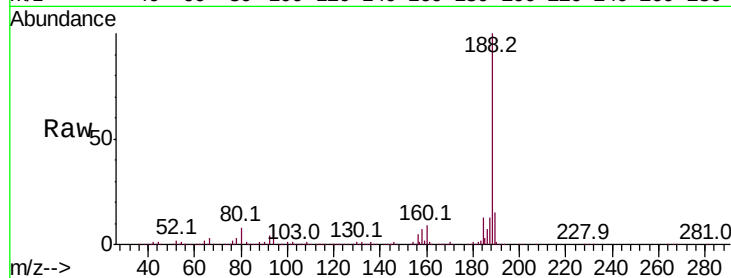
Tot Ion:188 Resp: 415089

Ion Ratio Lower Upper

188 100

94 7.2 6.7 10.1

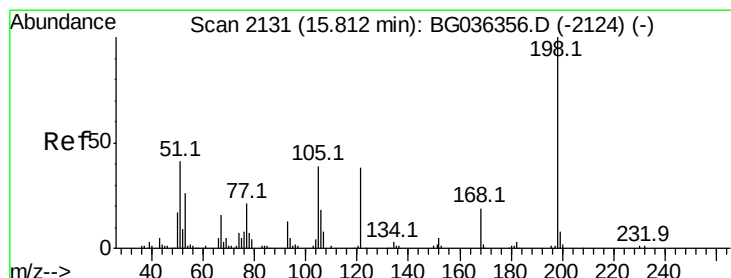
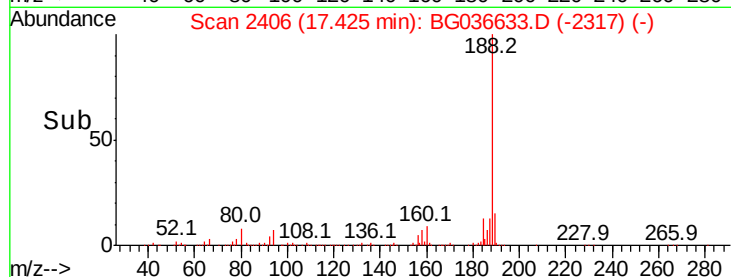
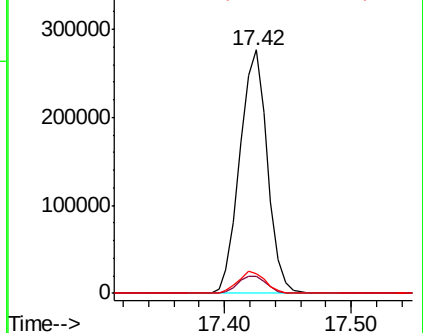
80 8.2 8.1 12.1



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: 28.520 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

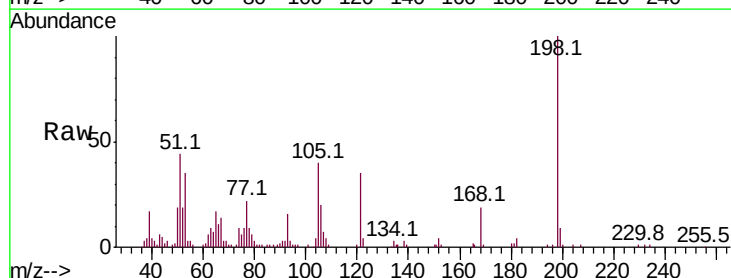
Tgt Ion:198 Resp: 52004

Ion Ratio Lower Upper

198 100

51 44.3 26.5 66.5

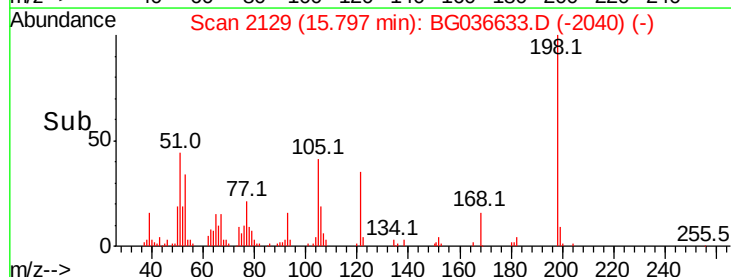
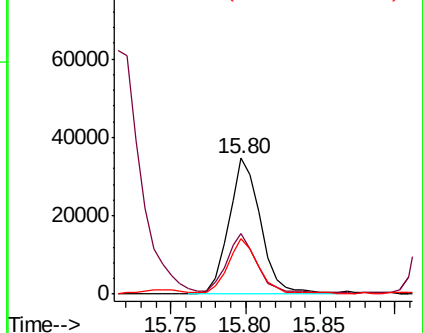
105 40.4 20.2 60.2

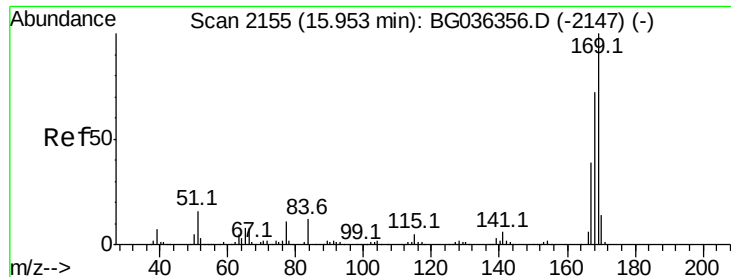


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.161 ng

RT: 15.93 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

Instrument :

BNA_G

ClientSampleId :

HR-05-090718-CMS

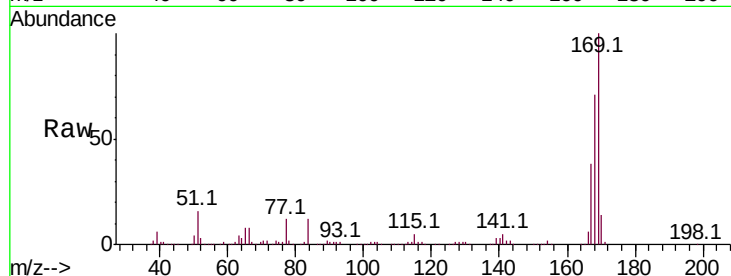
Tot Ion:169 Resp: 520003

Ion Ratio Lower Upper

169 100

168 70.6 57.6 86.4

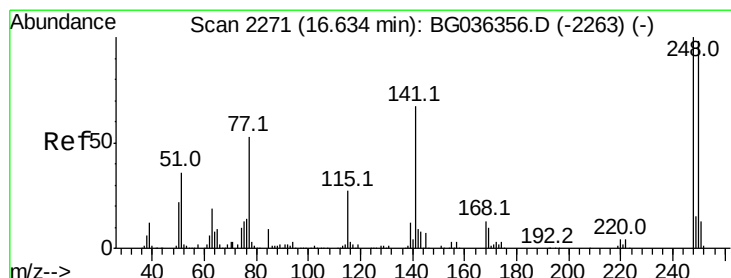
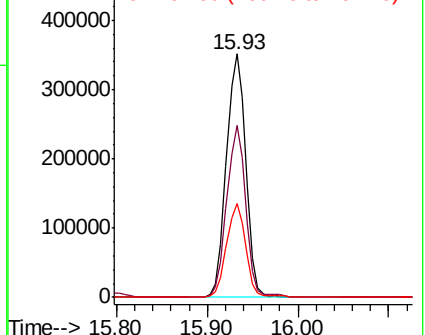
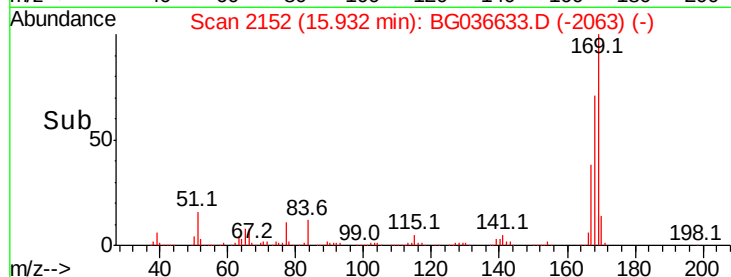
167 38.4 31.0 46.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.629 ng

RT: 16.61 min Scan# 2268

Delta R.T. -0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

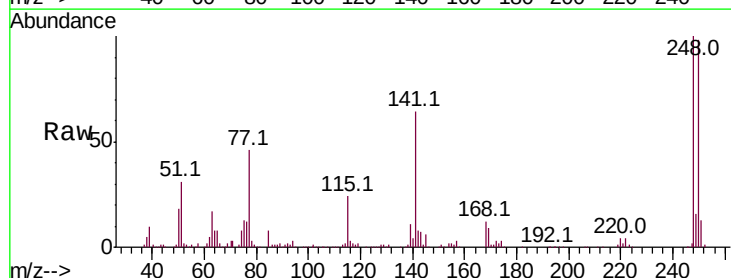
Tgt Ion:248 Resp: 216891

Ion Ratio Lower Upper

248 100

250 97.8 78.1 117.1

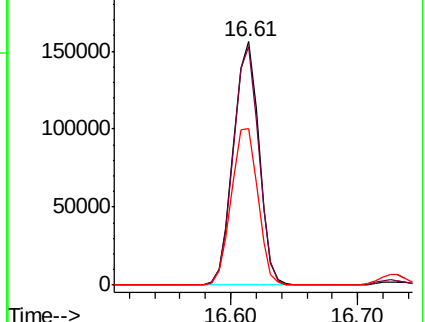
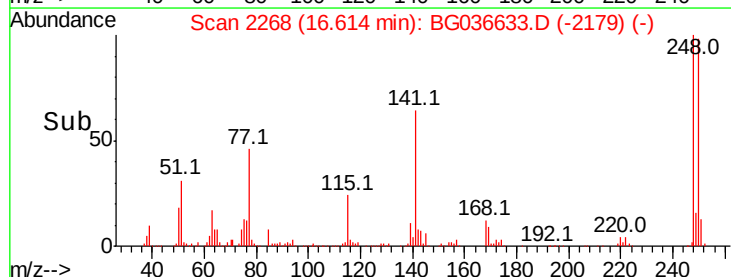
141 64.3 53.7 80.5

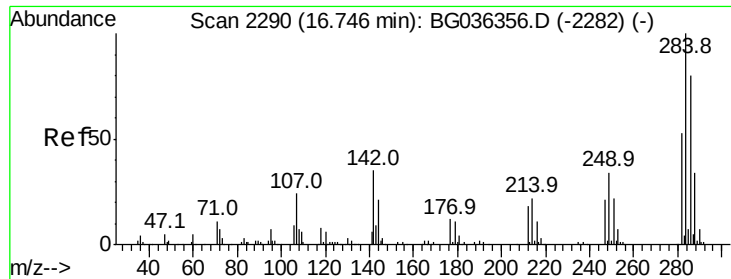


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.360 ng

RT: 16.73 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

Instrument :

BNA_G

ClientSampleId :

HR-05-090718-CMS

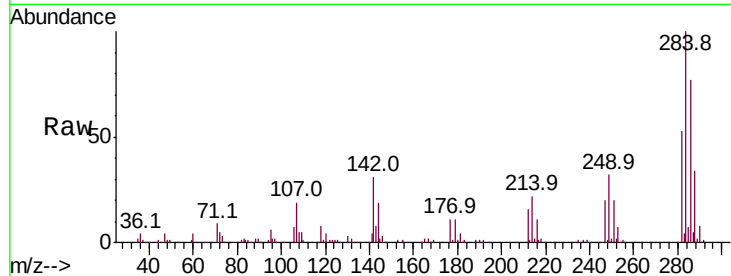
Tot Ion:284 Resp: 220439

Ion Ratio Lower Upper

284 100

142 30.6 27.8 41.6

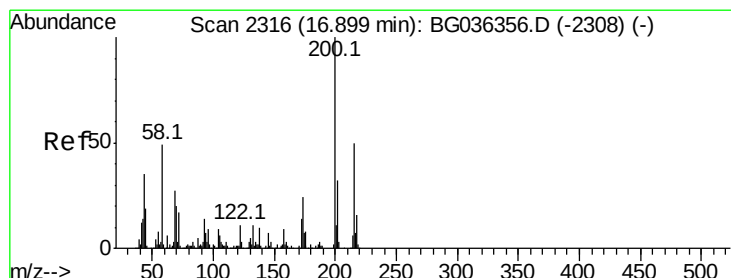
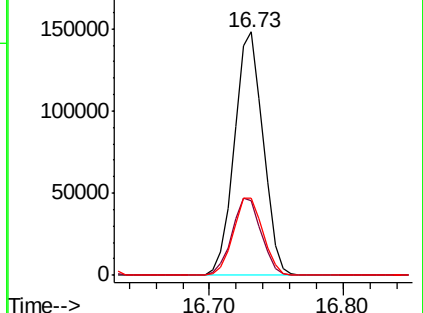
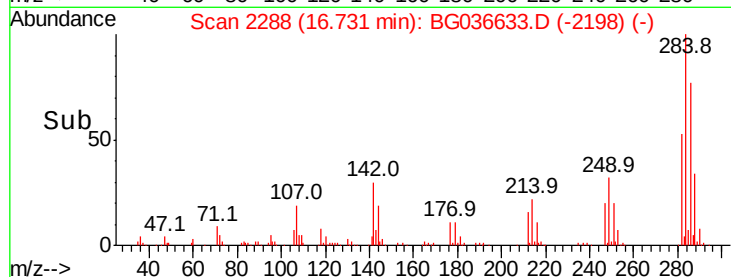
249 31.8 27.4 41.2



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: 47.926 ng

RT: 16.88 min Scan# 2313

Delta R.T. -0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

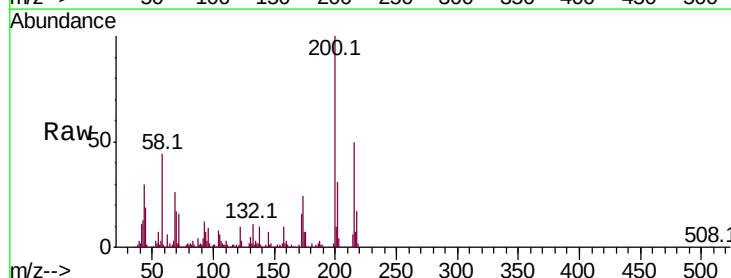
Tgt Ion:200 Resp: 221872

Ion Ratio Lower Upper

200 100

173 24.3 3.9 43.9

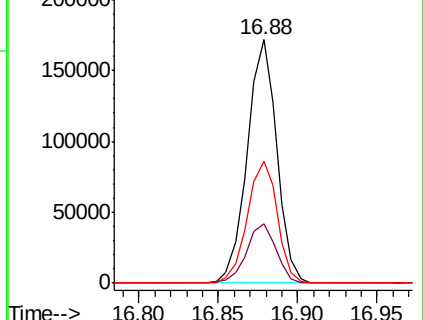
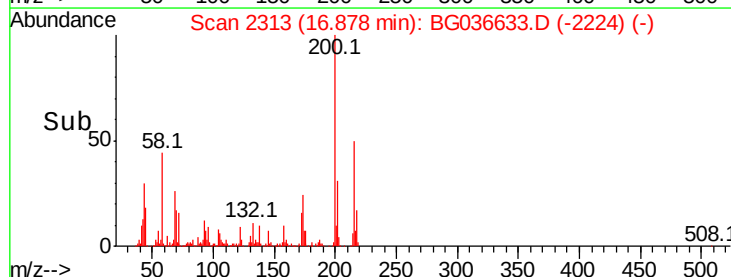
215 50.1 30.4 70.4

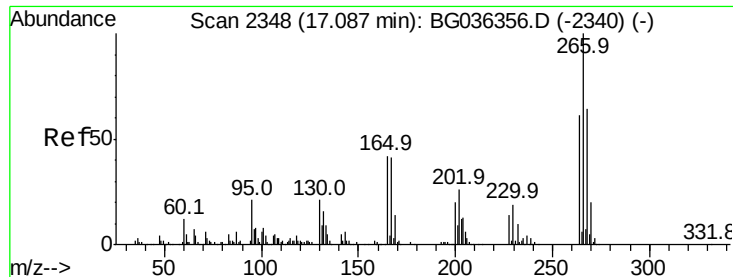


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

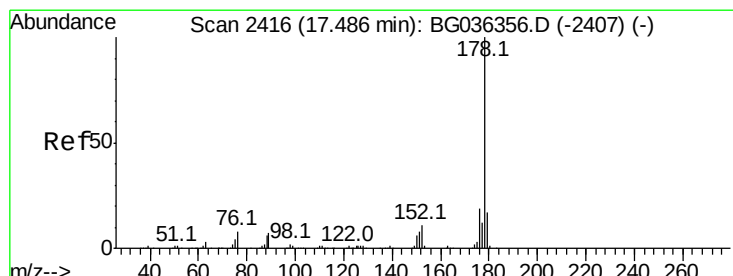
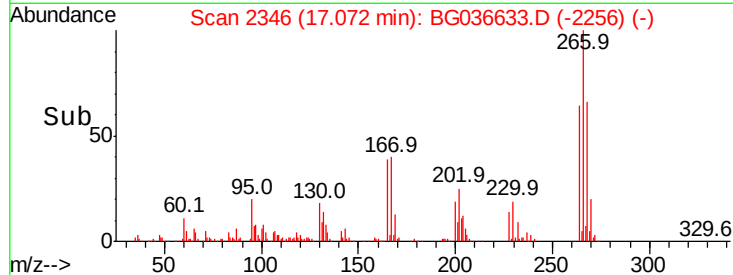
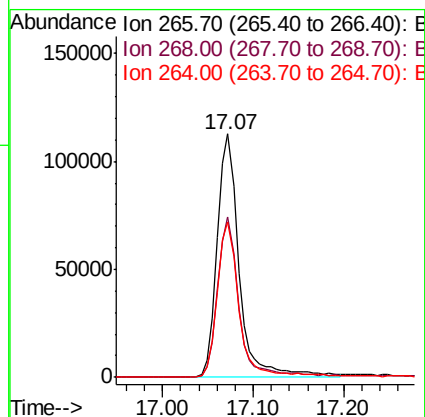
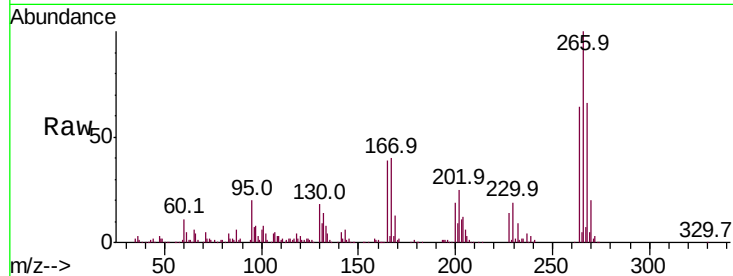




#69
 Pentachlorophenol
 Concen: 56.423 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

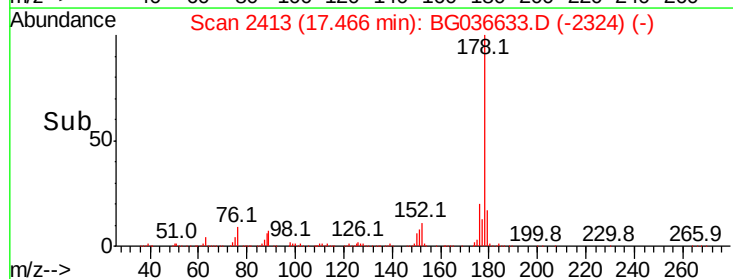
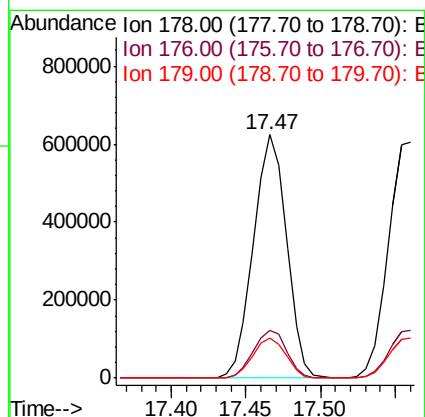
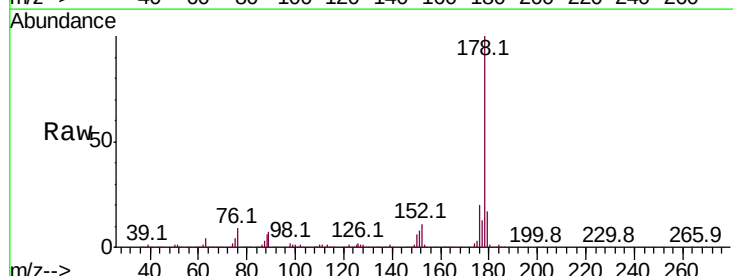
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-090718-CMS

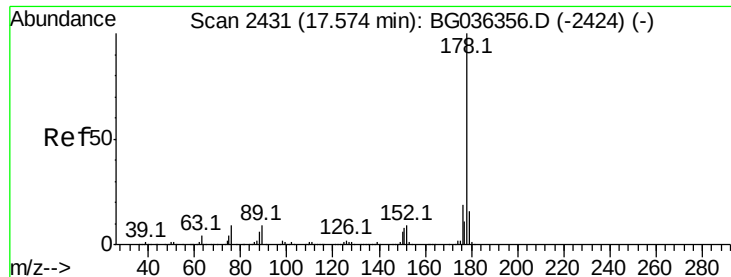
Tot Ion:	266	Resp:	190560
Ion	Ratio	Lower	Upper
266	100		
268	65.9	51.4	77.2
264	63.7	48.9	73.3



#70
 Phenanthrene
 Concen: 45.402 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

Tgt Ion:	178	Resp:	957604
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	16.6	13.4	20.2

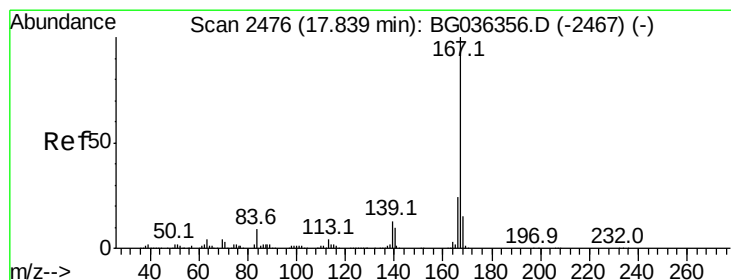
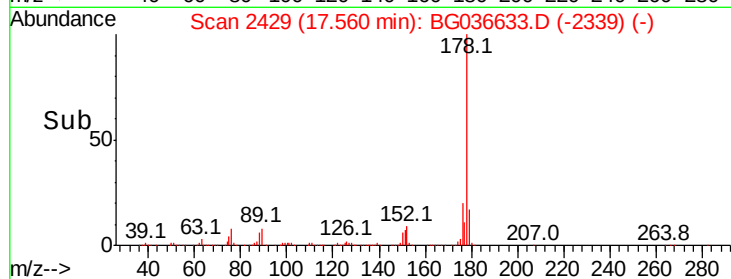
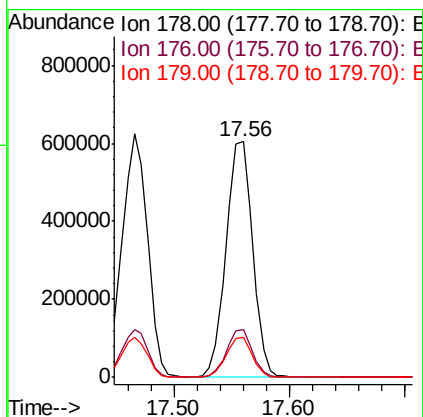
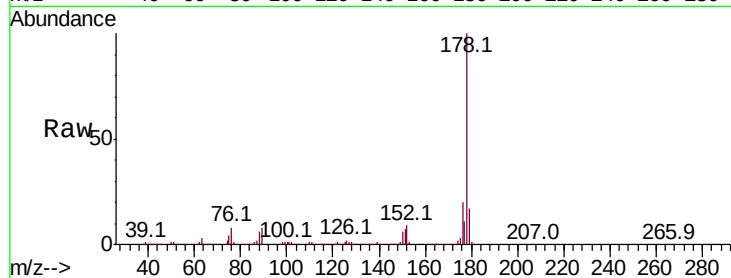




#71
 Anthracene
 Concen: 46.019 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

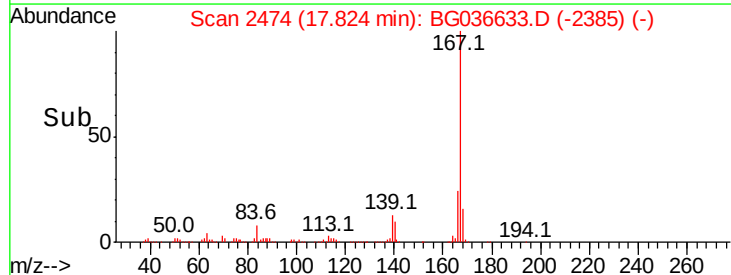
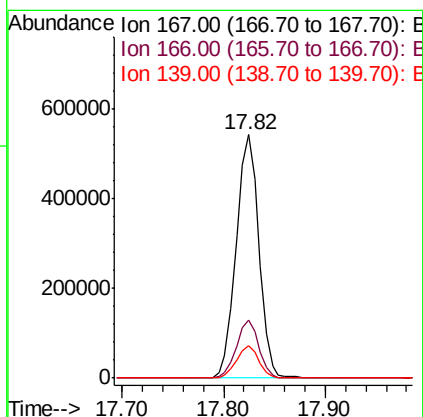
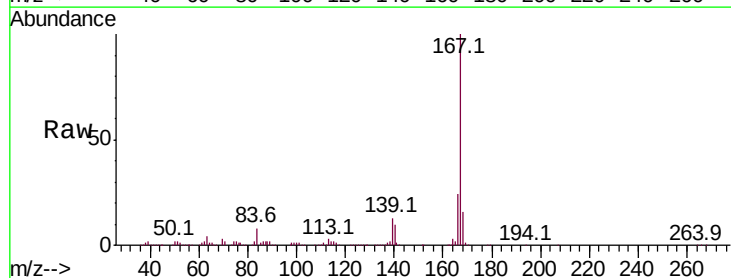
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-090718-CMS

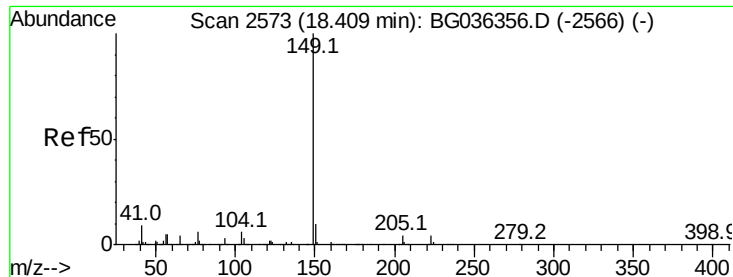
Tot Ion:178 Resp: 967537
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.4 23.2
 179 17.0 13.0 19.4



#72
 Carbazole
 Concen: 40.324 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

Tgt Ion:167 Resp: 846686
 Ion Ratio Lower Upper
 167 100
 166 24.0 19.5 29.3
 139 13.4 10.7 16.1





#73

Di-n-butylphthalate

Concen: 41.792 ng

RT: 18.38 min Scan# 2569

Delta R.T. -0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

Instrument :

BNA_G

ClientSampleId :

HR-05-090718-CMS

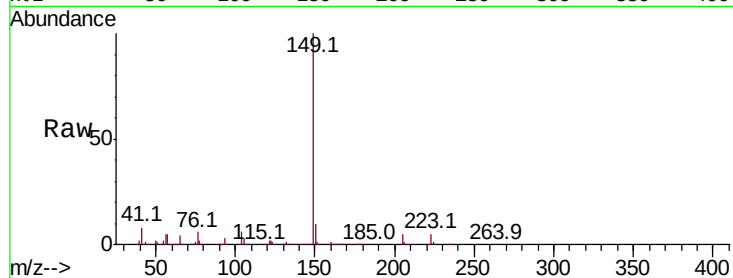
Tot Ion:149 Resp: 977175

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

104 5.9 4.6 6.8

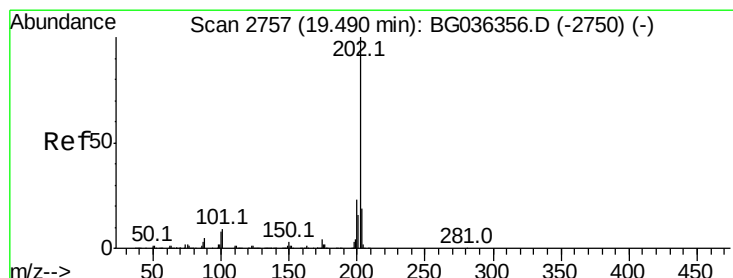
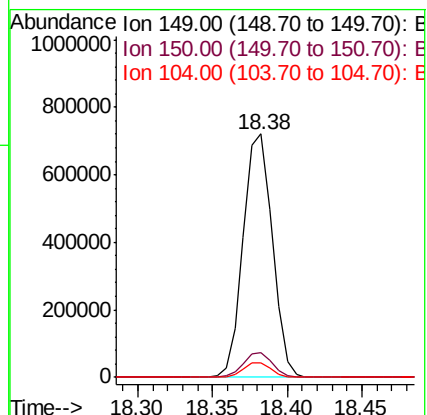
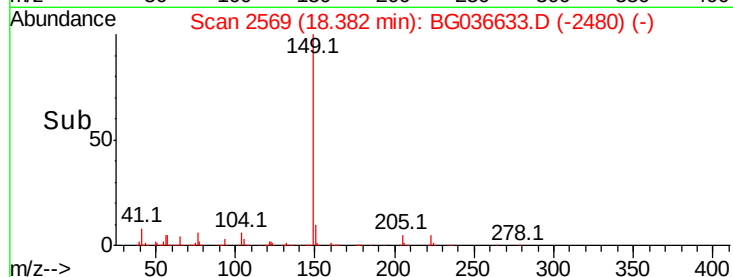


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.38



#74

Fluoranthene

Concen: 44.490 ng

RT: 19.47 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

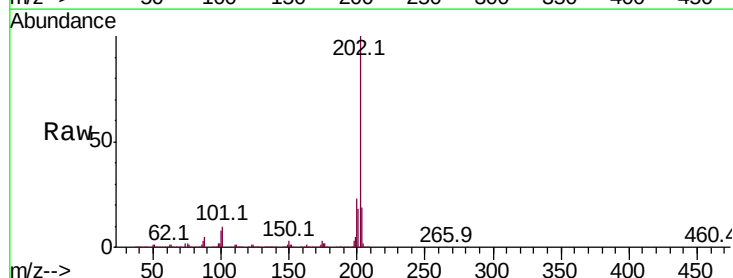
Tgt Ion:202 Resp: 1144090

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.4

203 19.4 0.0 38.9

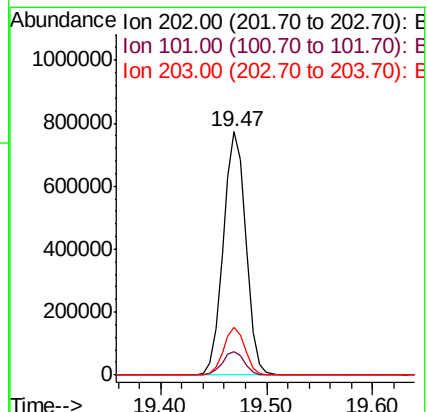
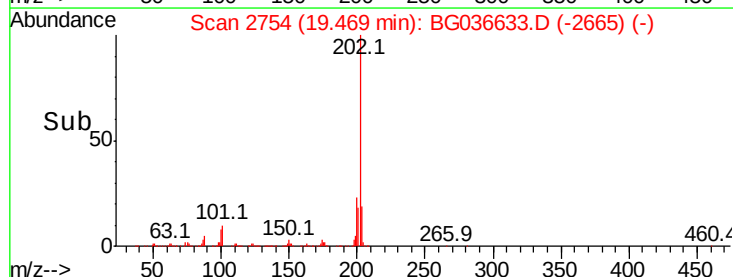


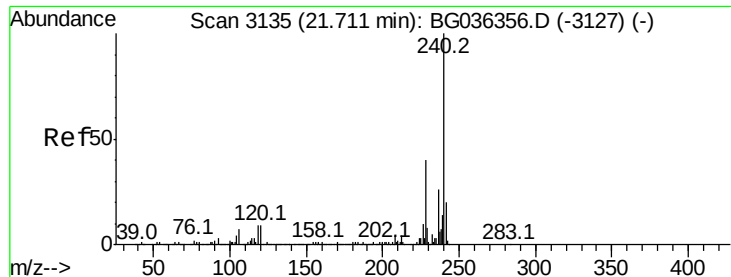
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.47





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

Instrument :

BNA_G

ClientSampleId :

HR-05-090718-CMS

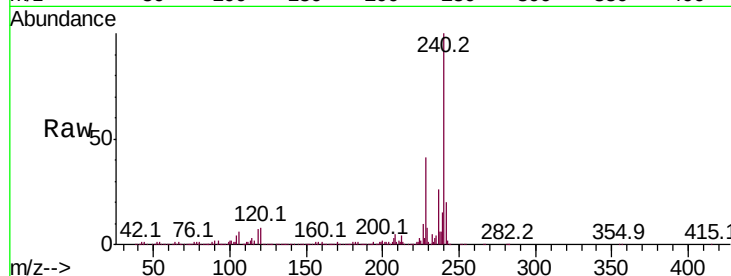
Tot Ion:240 Resp: 412070

Ion Ratio Lower Upper

240 100

120 7.6 6.9 10.3

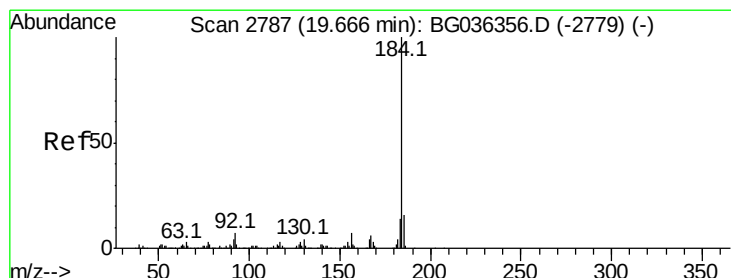
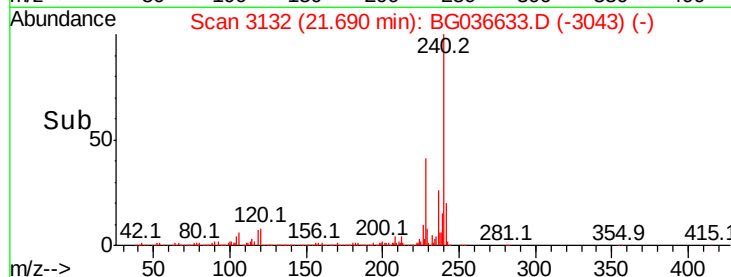
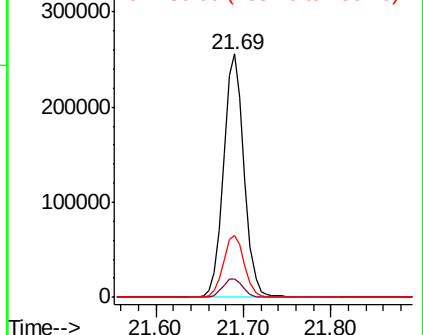
236 25.6 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 14.394 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

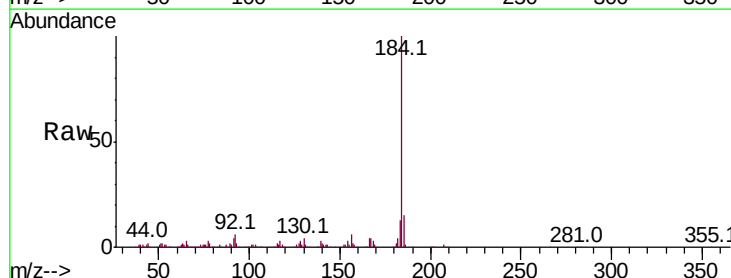
Tgt Ion:184 Resp: 189234

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

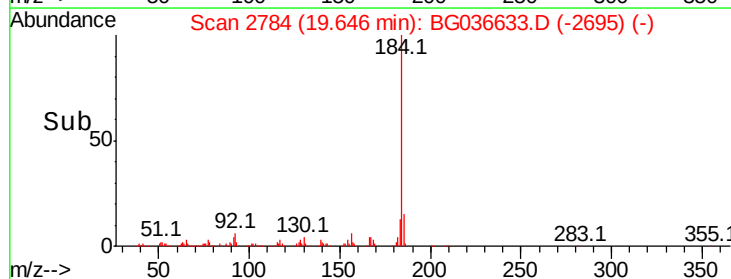
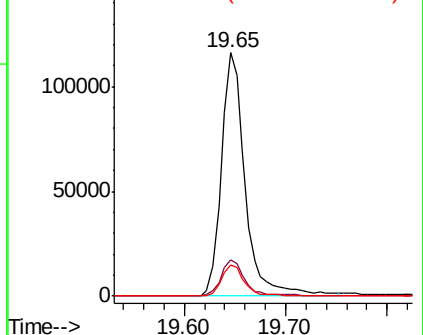
183 12.7 10.9 16.3

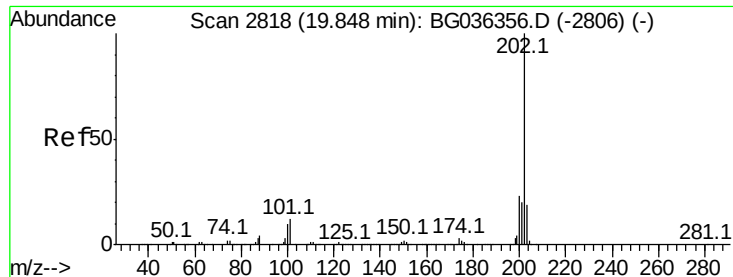


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



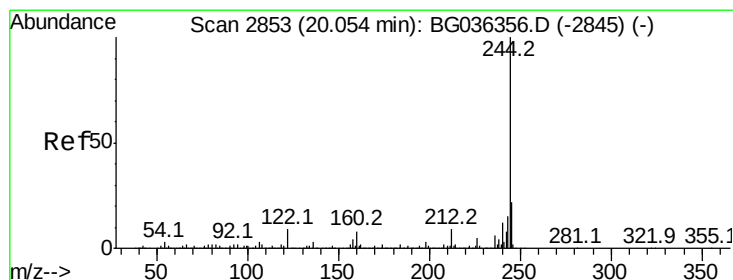
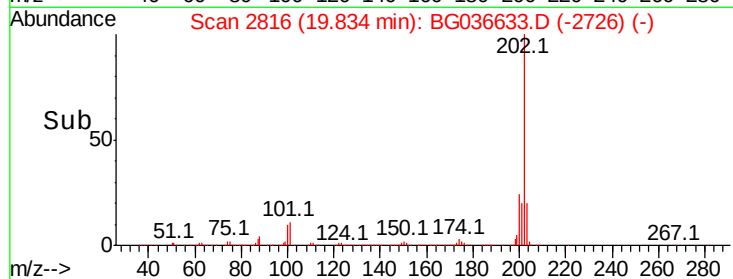
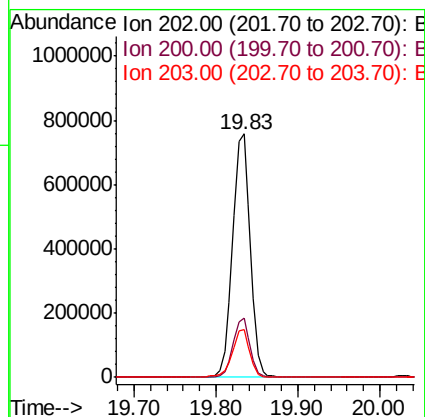
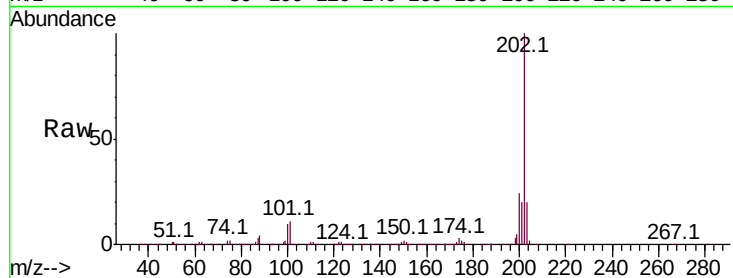


#77
 Pvrene
 Concen: 44.878 ng
 RT: 19.83 min Scan# 2816
 Delta R.T. 0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-090718-CMS

Tot Ion:202 Resp: 1137203

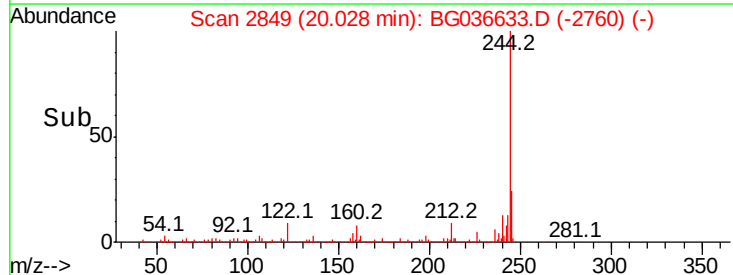
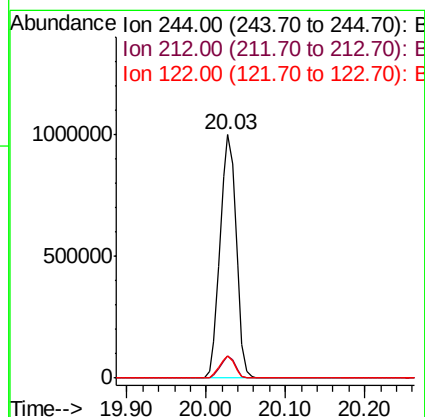
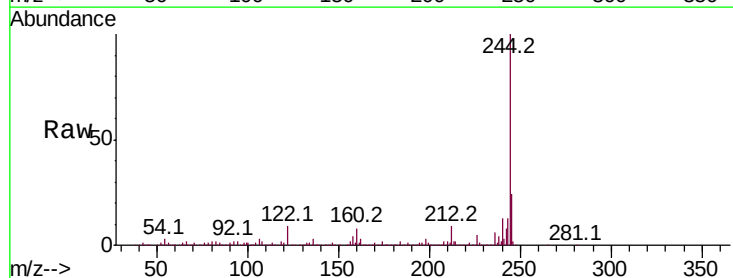
Ion	Ratio	Lower	Upper
202	100		
200	24.2	18.3	27.5
203	19.7	15.1	22.7

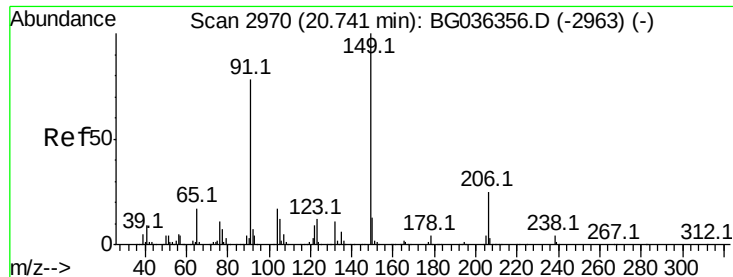


#78
 Terphenyl-d14
 Concen: 80.357 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

Tgt Ion:244 Resp: 1416677

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.0	7.1	10.7





#79

Butylbenzylphthalate

Concen: 44.221 ng

RT: 20.72 min Scan# 2966

Delta R.T. -0.00 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

Instrument :

BNA_G

ClientSampleId :

HR-05-090718-CMS

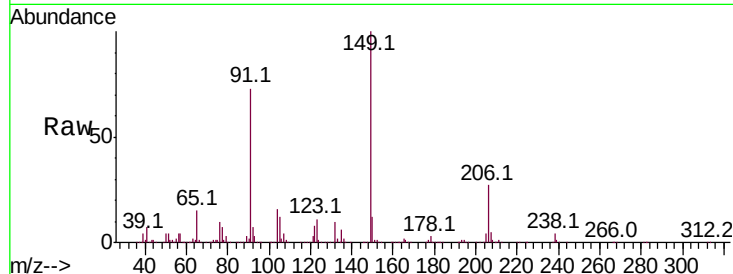
Tot Ion:149 Resp: 445951

Ion Ratio Lower Upper

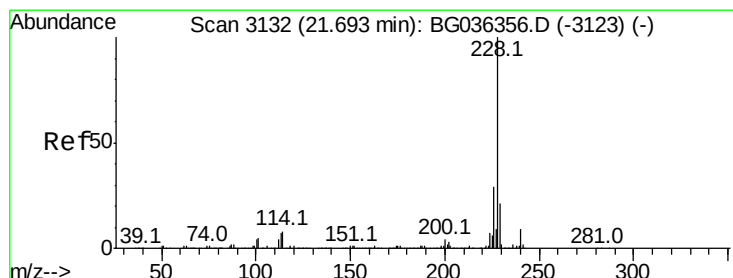
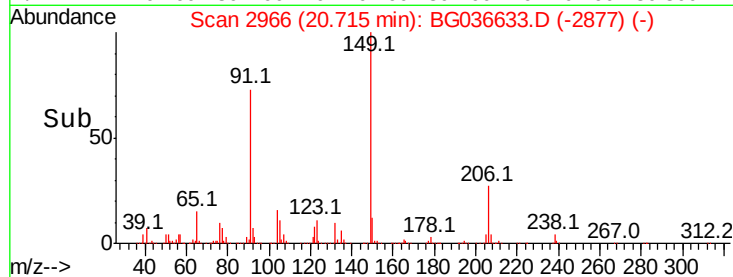
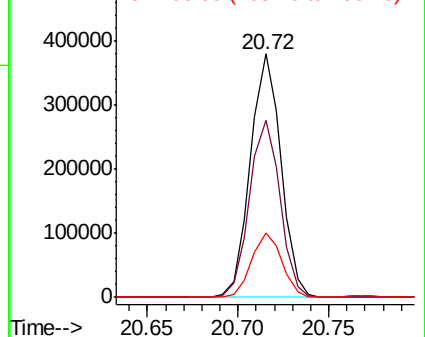
149 100

91 72.7 62.0 93.0

206 26.5 19.6 29.4



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: 45.992 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

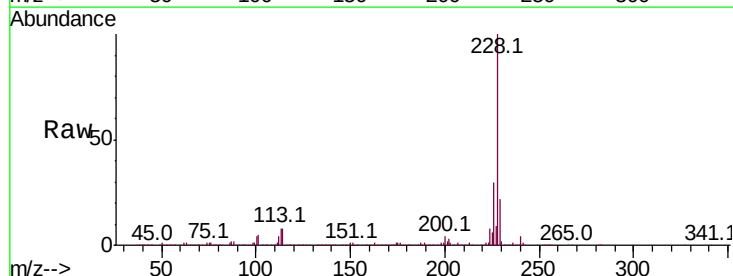
Tgt Ion:228 Resp: 1148130

Ion Ratio Lower Upper

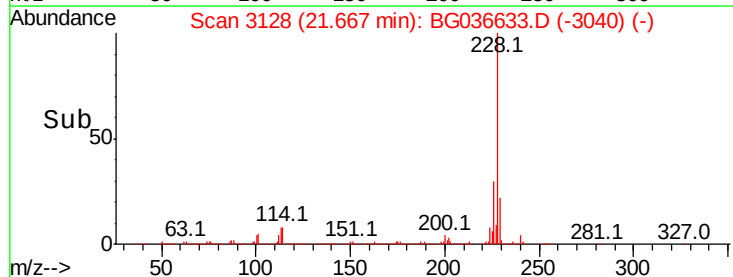
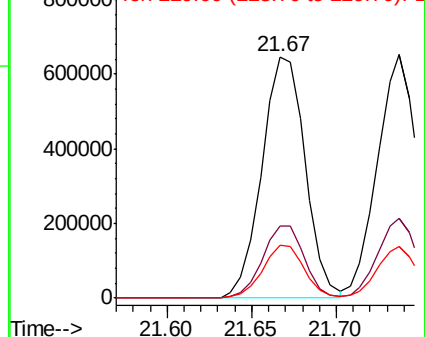
228 100

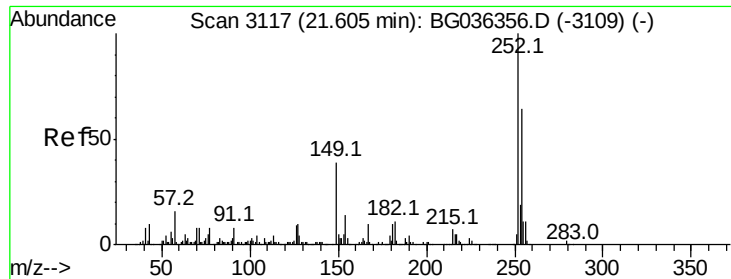
226 29.9 23.4 35.2

229 22.0 17.1 25.7



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

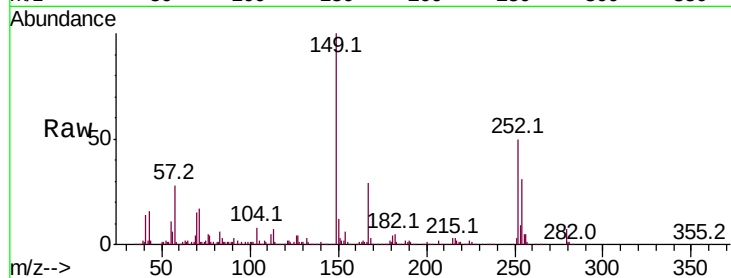




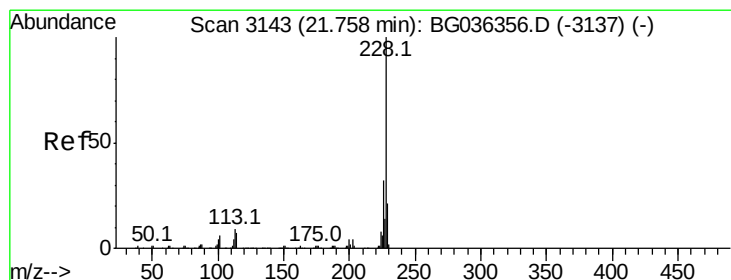
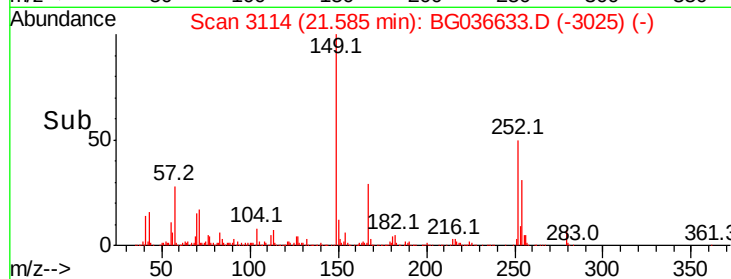
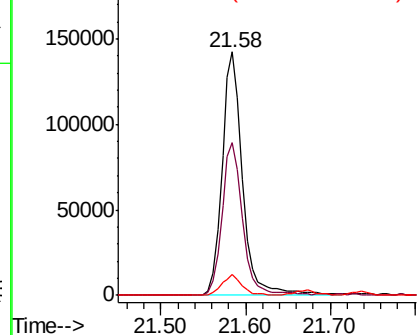
#81
 3,3'-Dichlorobenzidine
 Concen: 24.268 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-090718-CMS

Tot Ion:252 Resp: 241442
 Ion Ratio Lower Upper
 252 100
 254 62.7 51.0 76.4
 126 8.5 7.4 11.0

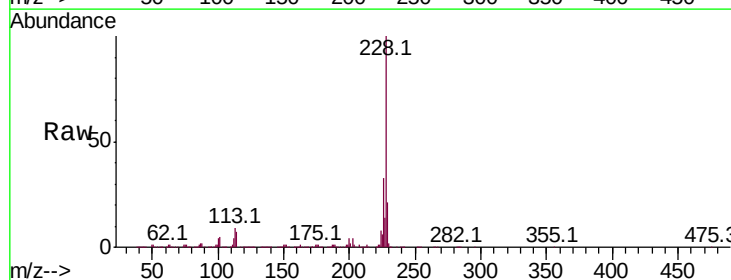


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

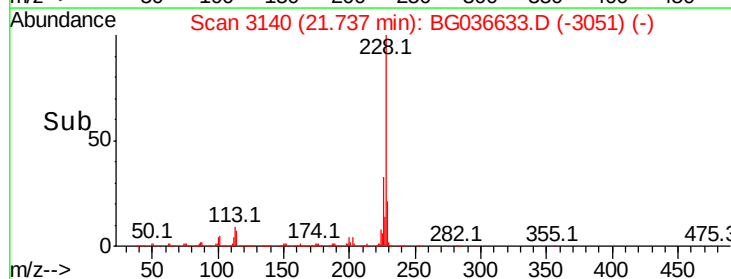
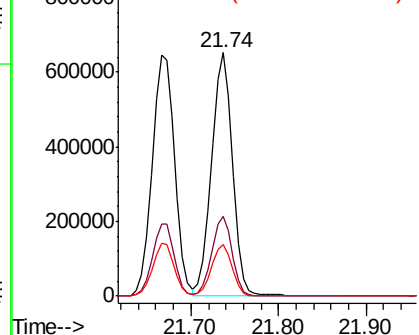


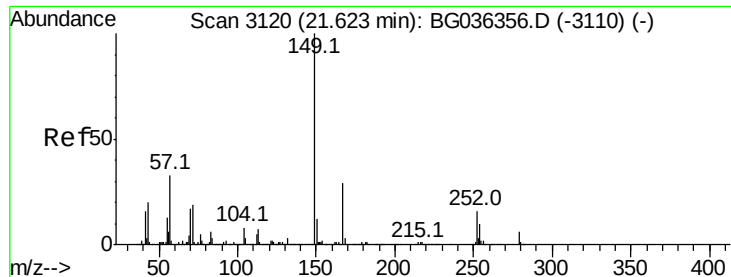
#82
 Chrysene
 Concen: 45.874 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

Tgt Ion:228 Resp: 1085494
 Ion Ratio Lower Upper
 228 100
 226 32.7 25.5 38.3
 229 21.3 16.9 25.3



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.453 ng

RT: 21.58 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

Instrument :

BNA_G

ClientSampleId :

HR-05-090718-CMS

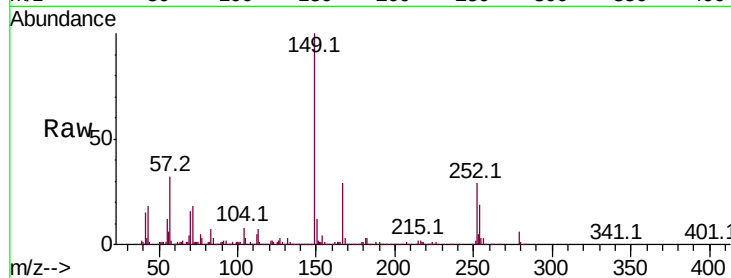
Tot Ion:149 Resp: 613205

Ion Ratio Lower Upper

149 100

167 28.6 23.4 35.0

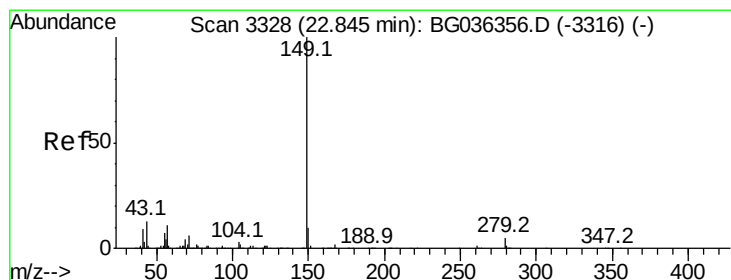
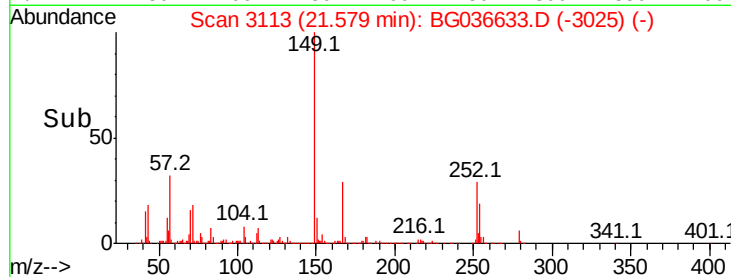
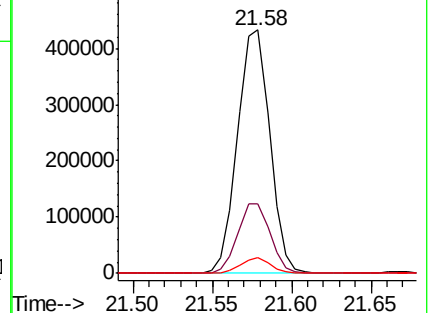
279 6.3 4.6 7.0



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: 43.867 ng

RT: 22.79 min Scan# 3319

Delta R.T. -0.01 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

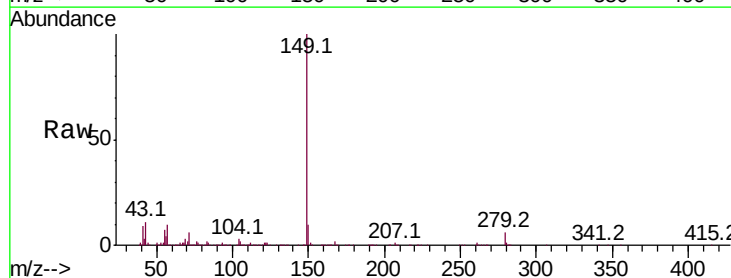
Tgt Ion:149 Resp: 1033991

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

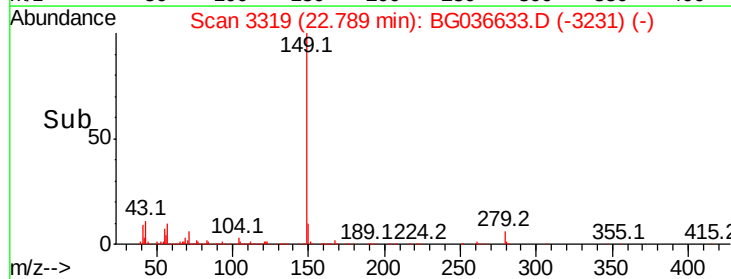
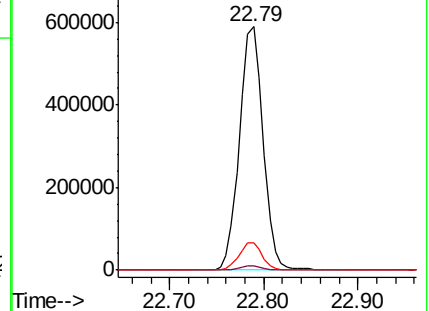
43 11.2 10.0 15.0

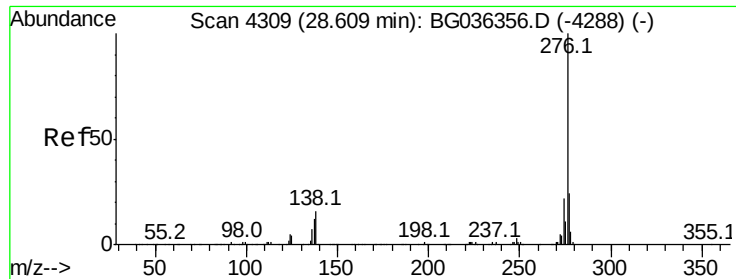


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

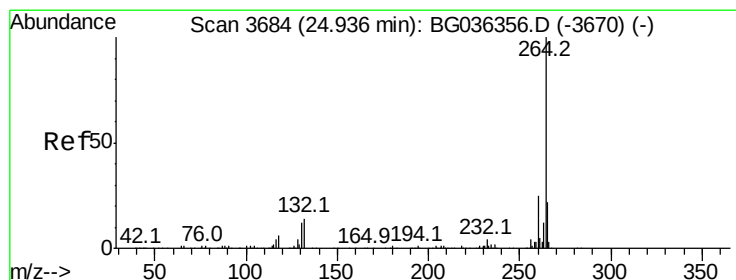
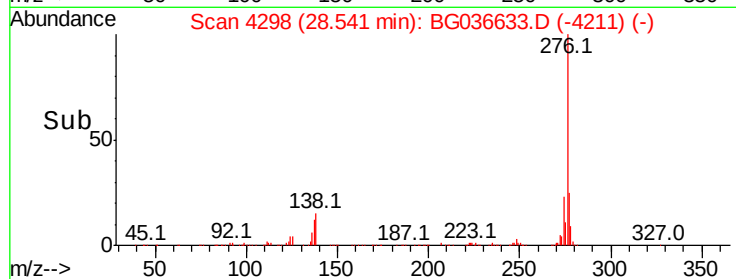
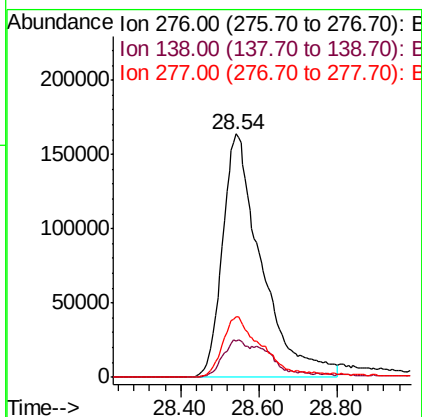
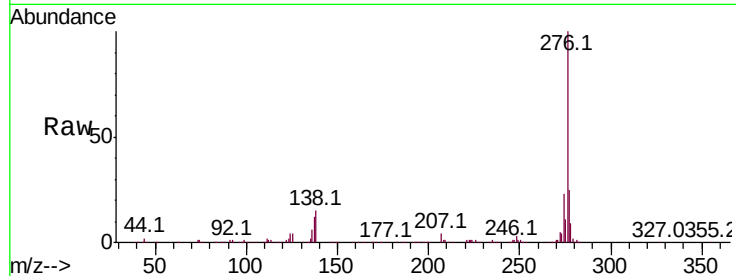




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.354 ng
RT: 28.54 min Scan# 4298
Delta R.T. -0.02 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

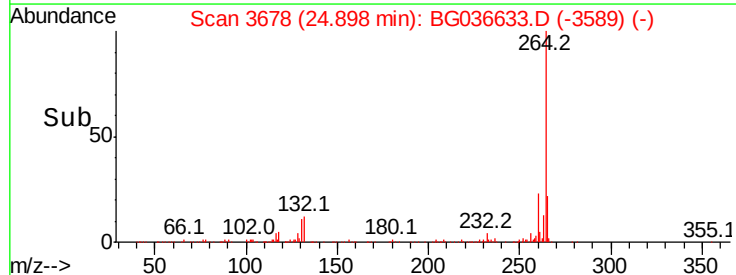
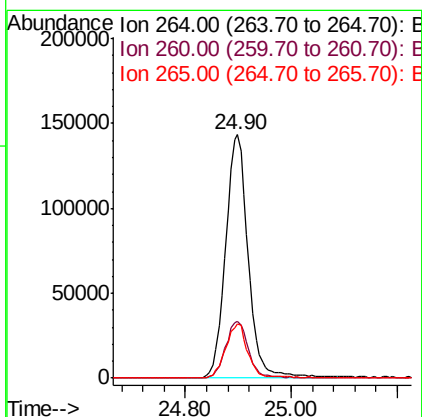
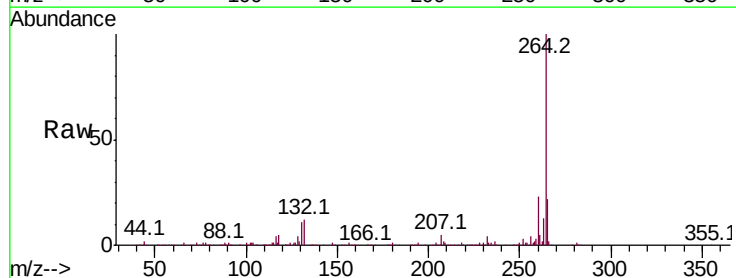
Instrument :
BNA_G
ClientSampleId :
HR-05-090718-CMS

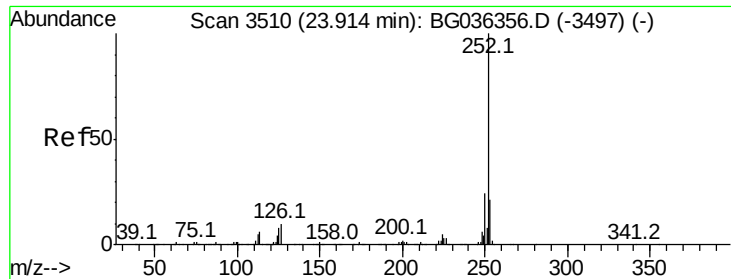
Tot Ion:276 Resp: 1136562
Ion Ratio Lower Upper
276 100
138 9.8 10.6 15.8#
277 24.6 20.6 30.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

Tgt Ion:264 Resp: 425857
Ion Ratio Lower Upper
264 100
260 23.1 19.6 29.4
265 22.4 17.4 26.0

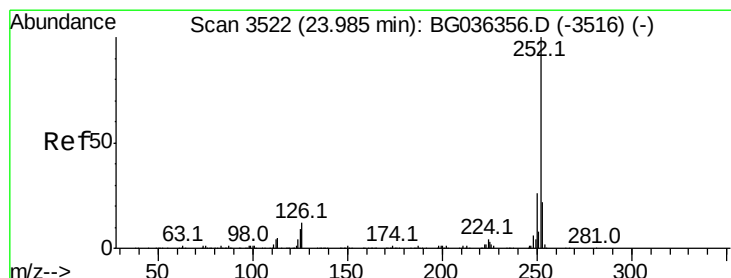
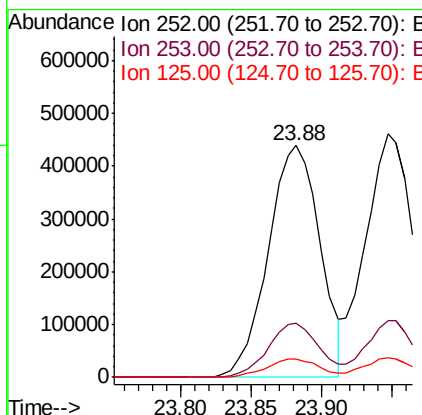
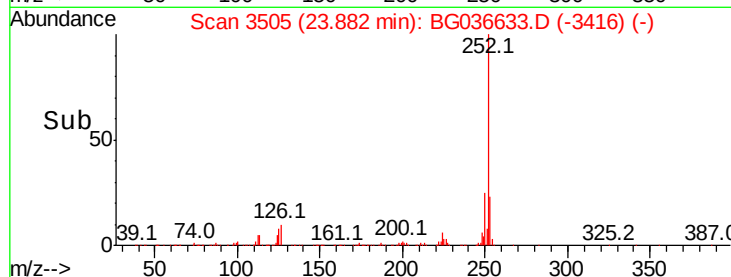
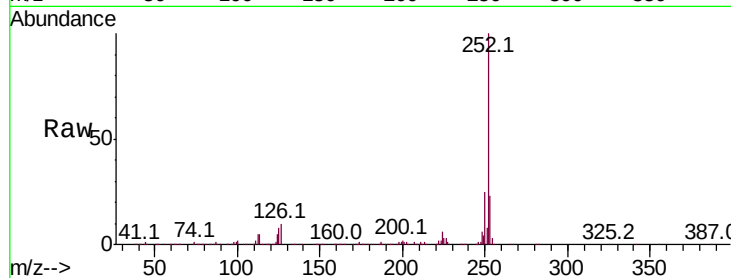




#87
Benzo(b)fluoranthene
Concen: 47.549 ng
RT: 23.88 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

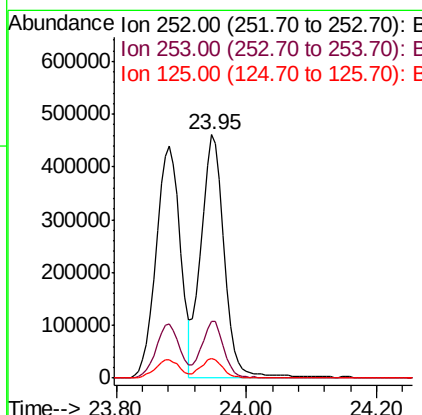
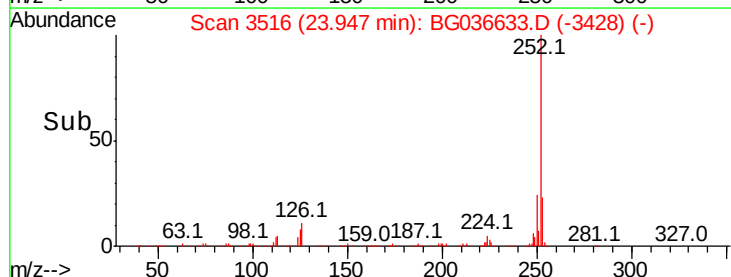
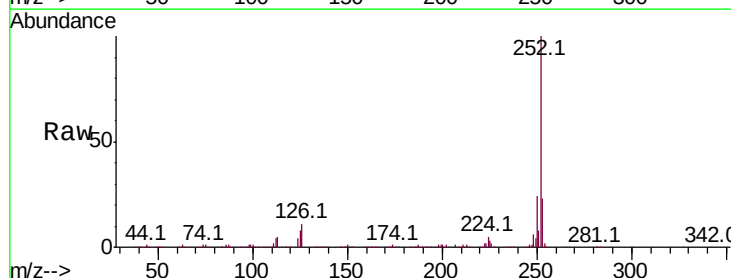
Instrument :
BNA_G
ClientSampleId :
HR-05-090718-CMS

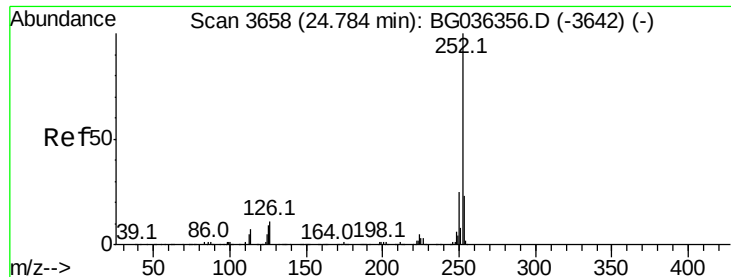
Tot Ion:252 Resp: 1124427
Ion Ratio Lower Upper
252 100
253 23.5 17.1 25.7
125 7.7 6.6 10.0



#88
Benzo(k)fluoranthene
Concen: 49.026 ng
RT: 23.95 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BG036633.D
Acq: 10 Sep 2018 20:20

Tgt Ion:252 Resp: 1132647
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 8.0 7.0 10.6





#89

Benzo(a)pyrene

Concen: 48.187 ng

RT: 24.75 min Scan# 3652

Delta R.T. -0.01 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

Instrument :

BNA_G

ClientSampleId :

HR-05-090718-CMS

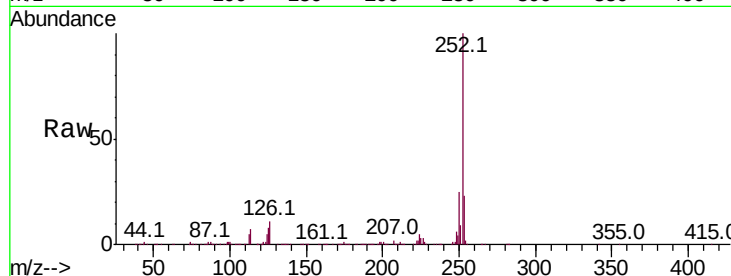
Tot Ion:252 Resp: 1094993

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

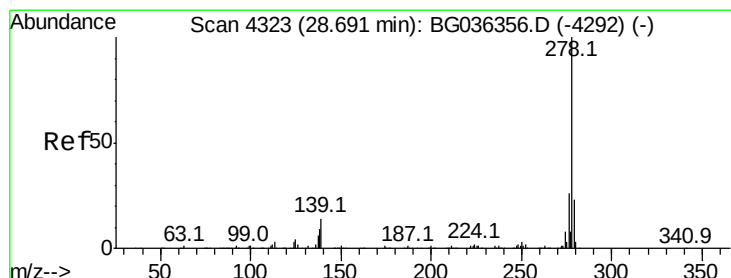
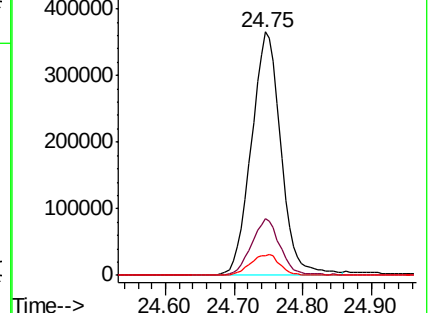
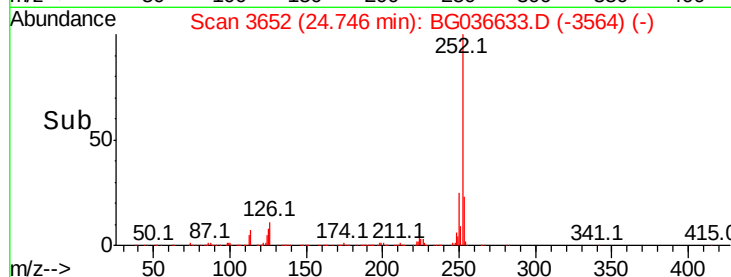
125 8.2 7.3 10.9



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: 39.477 ng

RT: 28.61 min Scan# 4309

Delta R.T. -0.02 min

Lab File: BG036633.D

Acq: 10 Sep 2018 20:20

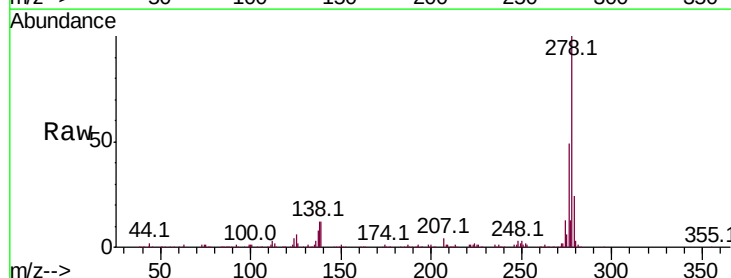
Tgt Ion:278 Resp: 866030

Ion Ratio Lower Upper

278 100

139 11.7 11.0 16.4

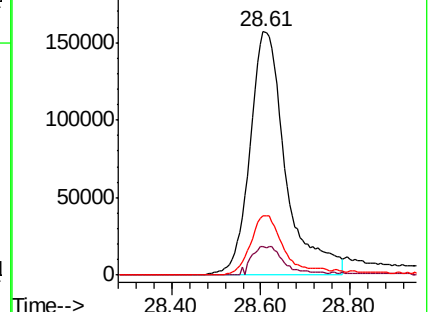
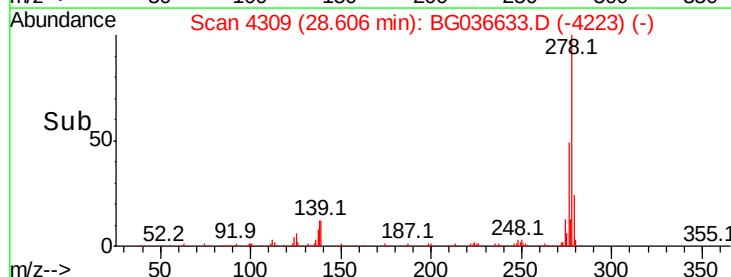
279 24.3 18.7 28.1

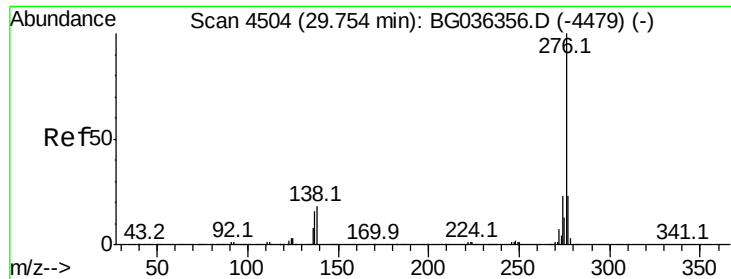


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 41.618 ng
 RT: 29.69 min Scan# 4494
 Delta R.T. -0.00 min
 Lab File: BG036633.D
 Acq: 10 Sep 2018 20:20

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-090718-CMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.4	27.6
138	15.2	14.6	22.0

