

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
 Data File : BG036067.D
 Acq On : 2 Aug 2018 19:26
 Operator : JU/SJ
 Sample : J3826-06MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

Quant Time: Aug 03 01:09:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31482	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	118562	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	87819	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	243401	20.00	ng	0.00
75) Chrysene-d12	21.66	240	271242	20.00	ng	0.00
86) Perylene-d12	24.85	264	262397	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	264167	139.31	ng	0.00
7) Phenol-d6	7.19	99	362605	128.17	ng	0.00
23) Nitrobenzene-d5	9.19	82	285199	100.49	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	202036	174.54	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	640823	97.76	ng	0.00
78) Terphenyl-d14	20.00	244	1281259	104.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	31517	32.656	ng	# 74
3) Pyridine	3.93	79	59807	23.737	ng	# 77
4) n-Nitrosodimethylamine	3.83	42	40346	37.294	ng	# 75
6) Aniline	7.35	93	80235	21.880	ng	98
8) 2-Chlorophenol	7.59	128	94709	49.108	ng	91
9) Benzaldehyde	7.16	77	35148	20.247	ng	88
10) Phenol	7.22	94	118492	41.455	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	97394	43.509	ng	86
12) 1,3-Dichlorobenzene	7.91	146	96790	41.560	ng	96
13) 1,4-Dichlorobenzene	8.06	146	98239	41.516	ng	99
14) 1,2-Dichlorobenzene	8.37	146	95933	42.201	ng	93
15) Benzyl Alcohol	8.26	79	108773	42.338	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.54	45	106549	56.776	ng	76
17) 2-Methylphenol	8.47	107	93514	48.120	ng	# 91
18) Hexachloroethane	9.10	117	37221	41.139	ng	87
19) n-Nitroso-di-n-propylamine	8.83	70	93975	39.446	ng	# 82
20) 3+4-Methylphenols	8.79	107	125677	46.617	ng	95
22) Acetophenone	8.84	105	172254	46.720	ng	# 90
24) Nitrobenzene	9.23	77	136866	47.951	ng	94
25) Isophorone	9.74	82	267091	50.696	ng	99
26) 2-Nitrophenol	9.94	139	58464	57.674	ng	# 93
27) 2,4-Dimethylphenol	10.00	122	101812	59.334	ng	92
28) bis(2-Chloroethoxy)methane	10.22	93	136273	46.941	ng	99
29) 2,4-Dichlorophenol	10.48	162	112559	57.465	ng	94
30) 1,2,4-Trichlorobenzene	10.68	180	118552	49.359	ng	97
31) Naphthalene	10.88	128	426240	69.015	ng	99
32) Benzoic acid	10.18	122	31668	27.415	ng	91
33) 4-Chloroaniline	11.00	127	22748	8.451	ng	94
34) Hexachlorobutadiene	11.15	225	90014	48.061	ng	93
35) Caprolactam	11.78	113	16466	19.589	ng	# 54
36) 4-Chloro-3-methylphenol	12.11	107	136865	52.129	ng	93
37) 2-Methylnaphthalene	12.47	142	244082	53.047	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	162997	49.176	ng	98
40) Hexachlorocyclopentadiene	12.82	237	185215	106.549	ng	91

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
 Data File : BG036067.D
 Acq On : 2 Aug 2018 19:26
 Operator : JU/SJ
 Sample : J3826-06MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

Quant Time: Aug 03 01:09:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

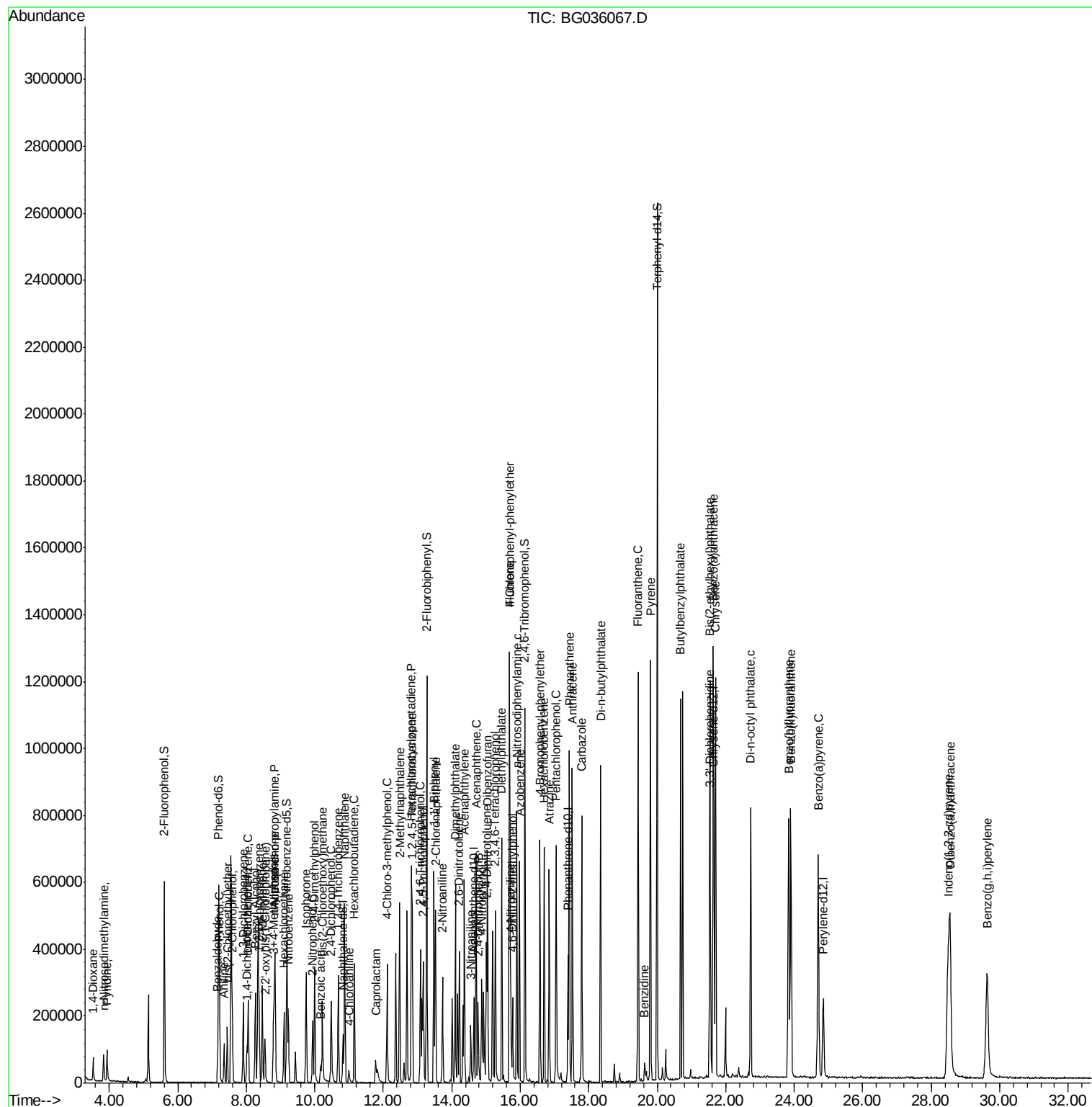
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	108260	55.851	ng	97
43) 2,4,5-Trichlorophenol	13.16	196	116734	53.833	ng	98
45) 1,1'-Biphenyl	13.48	154	334199	49.085	ng	99
46) 2-Chloronaphthalene	13.53	162	265021	50.042	ng	98
47) 2-Nitroaniline	13.73	65	95901	51.221	ng	96
48) Acenaphthylene	14.37	152	445616	50.231	ng	97
49) Dimethylphthalate	14.10	163	381504	49.583	ng	98
50) 2,6-Dinitrotoluene	14.22	165	86414	55.152	ng	91
51) Acenaphthene	14.71	154	263006	47.592	ng	98
52) 3-Nitroaniline	14.55	138	47215	29.483	ng #	90
53) 2,4-Dinitrophenol	14.77	184	64168	79.669	ng #	74
54) Dibenzofuran	15.04	168	446045	50.751	ng	93
55) 4-Nitrophenol	14.88	139	98454	86.328	ng #	85
56) 2,4-Dinitrotoluene	15.01	165	130200	57.922	ng #	84
57) Fluorene	15.69	166	375676	50.999	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.27	232	124459	59.862	ng	90
59) Diethylphthalate	15.46	149	383919	48.526	ng	99
60) 4-Chlorophenyl-phenylether	15.68	204	213651	49.347	ng	98
61) 4-Nitroaniline	15.72	138	81384	48.583	ng #	84
62) Azobenzene	15.98	77	381716	48.913	ng	94
64) 4,6-Dinitro-2-methylphenol	15.78	198	69951	51.627	ng	90
65) n-Nitrosodiphenylamine	15.90	169	331553	47.856	ng	98
66) 4-Bromophenyl-phenylether	16.58	248	149503	52.943	ng	98
67) Hexachlorobenzene	16.70	284	155028	53.310	ng	94
68) Atrazine	16.85	200	137608	48.241	ng	98
69) Pentachlorophenol	17.05	266	146720	82.833	ng	97
70) Phenanthrene	17.43	178	614551	50.600	ng	96
71) Anthracene	17.52	178	630388	52.127	ng	98
72) Carbazole	17.80	167	567757	49.435	ng	99
73) Di-n-butylphthalate	18.34	149	664902	48.991	ng #	98
74) Fluoranthene	19.44	202	821006	50.185	ng	96
76) Benzidine	19.63	184	49018	6.874	ng	99
77) Pyrene	19.80	202	826628	48.197	ng	98
79) Butylbenzylphthalate	20.68	149	320290	52.222	ng #	93
80) Benzo(a)anthracene	21.63	228	861323	50.957	ng	99
81) 3,3'-Dichlorobenzidine	21.55	252	197412	33.495	ng #	98
82) Chrysene	21.70	228	803664	51.308	ng	98
83) Bis(2-ethylhexyl)phthalate	21.53	149	430980	51.688	ng	97
84) Di-n-octyl phthalate	22.73	149	737390	52.817	ng #	92
85) Indeno(1,2,3-cd)pyrene	28.49	276	894133	51.559	ng #	88
87) Benzo(b)fluoranthene	23.84	252	829964	52.041	ng #	97
88) Benzo(k)fluoranthene	23.90	252	782540	50.189	ng #	98
89) Benzo(a)pyrene	24.71	252	784024	52.842	ng #	97
90) Dibenzo(a,h)anthracene	28.55	278	737187	50.609	ng #	96
91) Benzo(g,h,i)perylene	29.63	276	732765	51.408	ng #	93

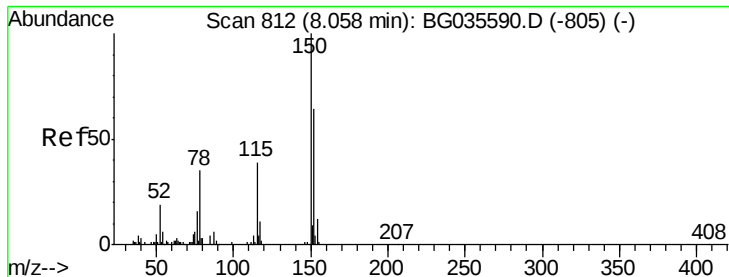
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
Data File : BG036067.D
Acq On : 2 Aug 2018 19:26
Operator : JU/SJ
Sample : J3826-06MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Quant Time: Aug 03 01:09:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration



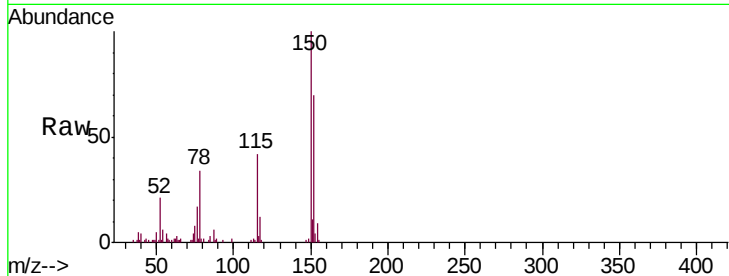


#1

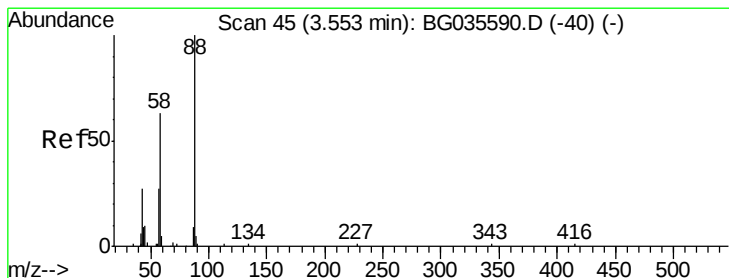
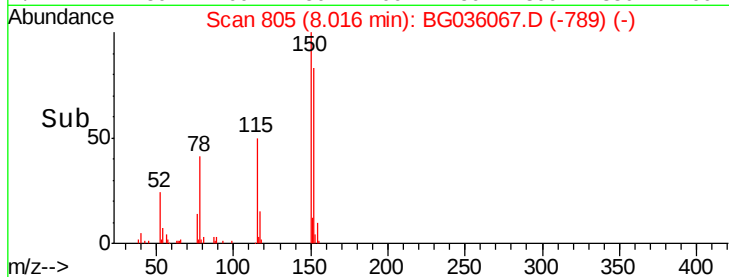
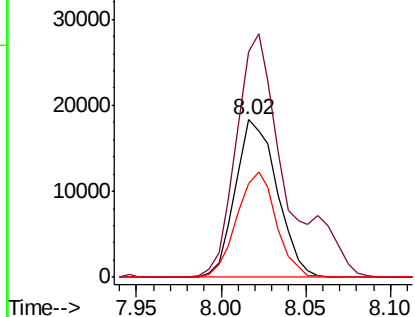
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Tgt Ion:152 Resp: 31482
Ion Ratio Lower Upper
152 100
150 143.7 126.6 189.8
115 60.0 53.0 79.4



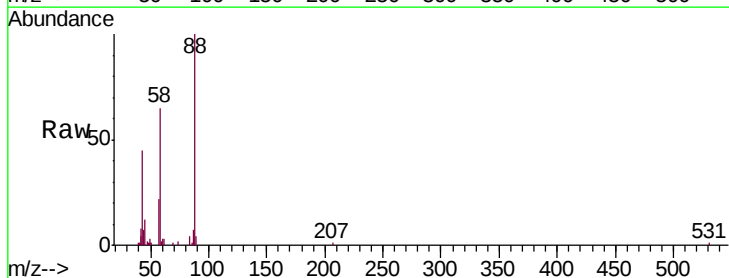
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



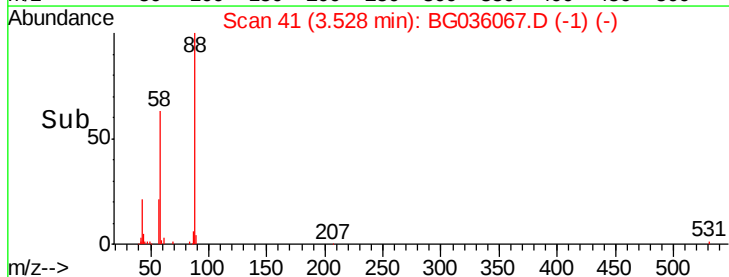
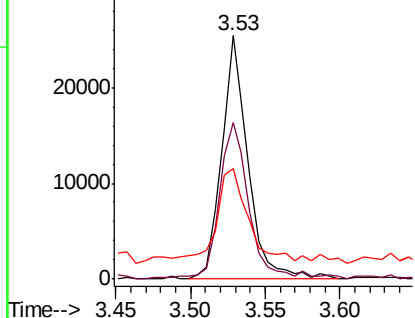
#2

1,4-Dioxane
Concen: 32.656 ng
RT: 3.53 min Scan# 41
Delta R.T. 0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion: 88 Resp: 31517
Ion Ratio Lower Upper
88 100
58 70.8 79.6 119.4#
43 43.5 27.4 41.0#



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





#3

Pyridine

Concen: 23.737 ng

RT: 3.93 min Scan# 109

Delta R.T. 0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

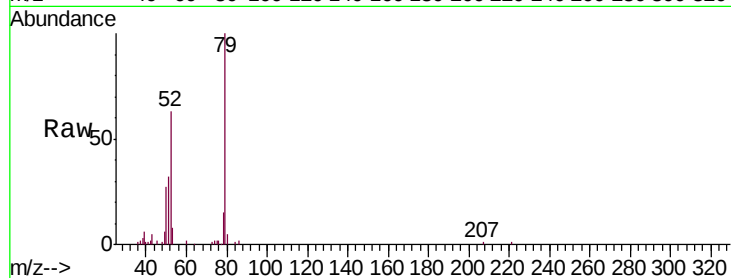
Tgt Ion: 79 Resp: 59807

Ion Ratio Lower Upper

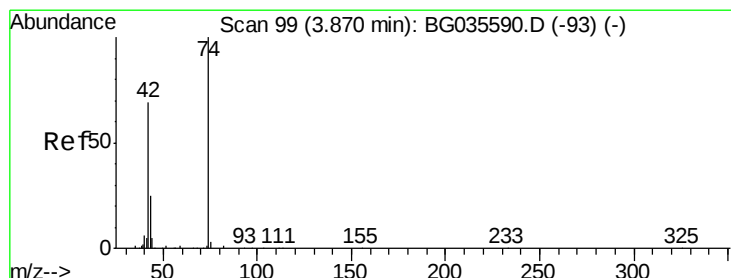
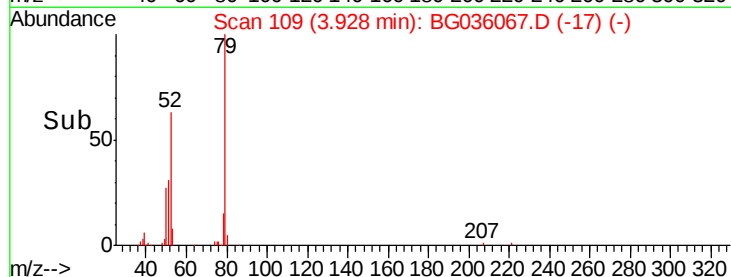
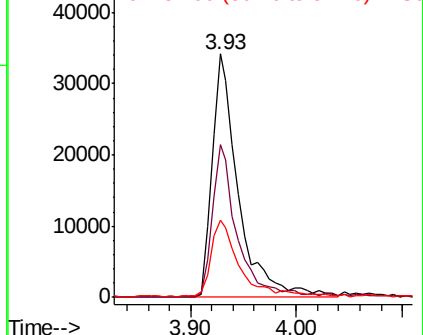
79 100

52 62.9 69.9 104.9#

51 31.9 34.0 51.0#



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: 37.294 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

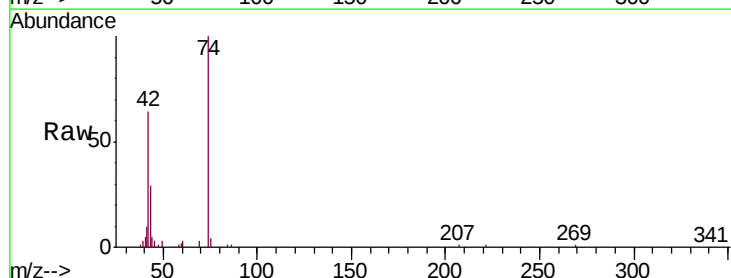
Tgt Ion: 42 Resp: 40346

Ion Ratio Lower Upper

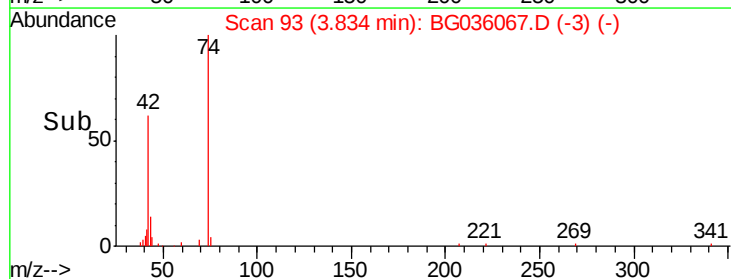
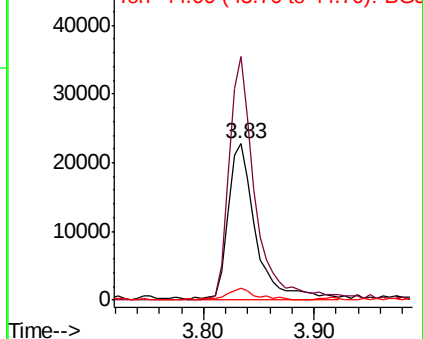
42 100

74 155.7 102.5 153.7#

44 7.4 18.9 28.3#



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: 139.311 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

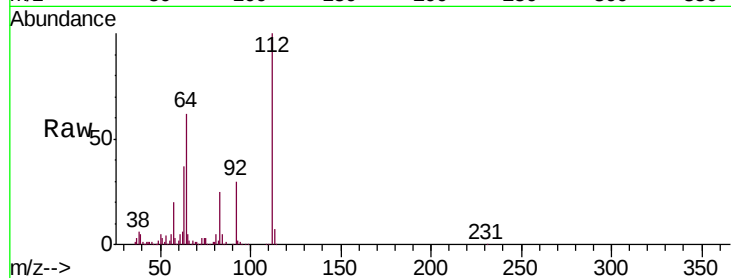
Tgt Ion: 112 Resp: 264167

Ion Ratio Lower Upper

112 100

64 61.8 56.3 84.5

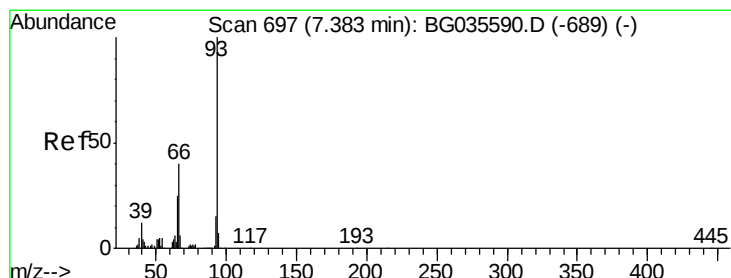
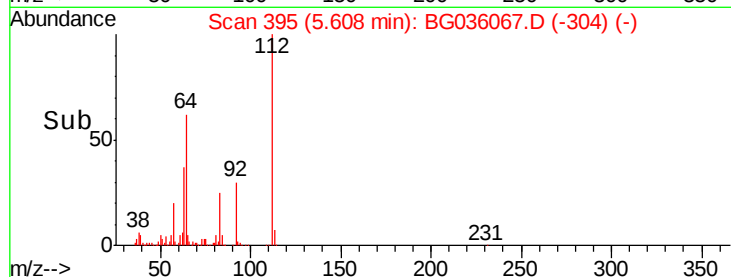
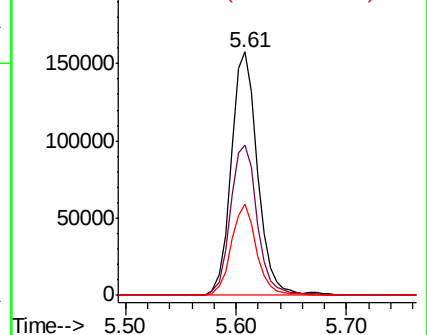
63 37.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.880 ng

RT: 7.35 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

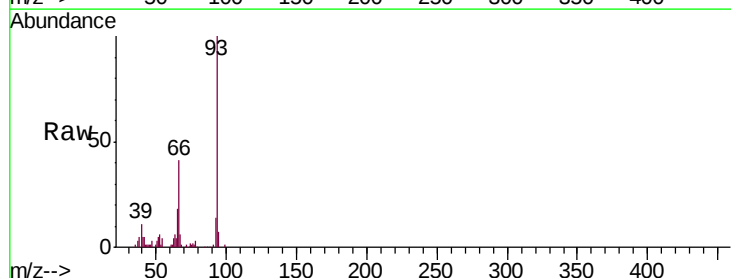
Tgt Ion: 93 Resp: 80235

Ion Ratio Lower Upper

93 100

66 41.3 33.7 50.5

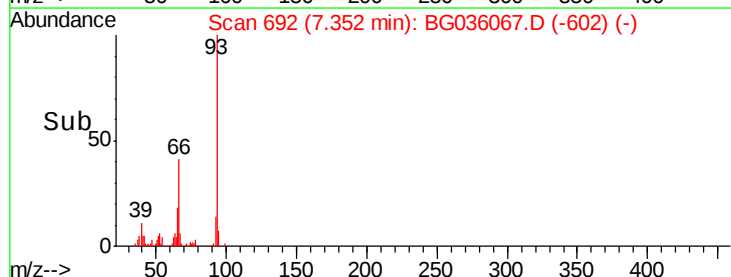
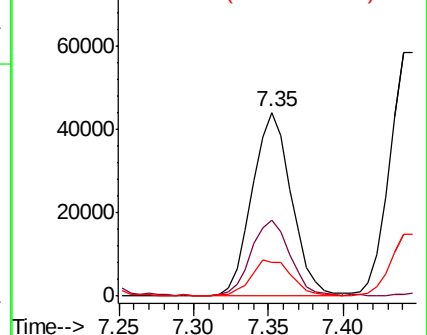
65 18.1 16.1 24.1

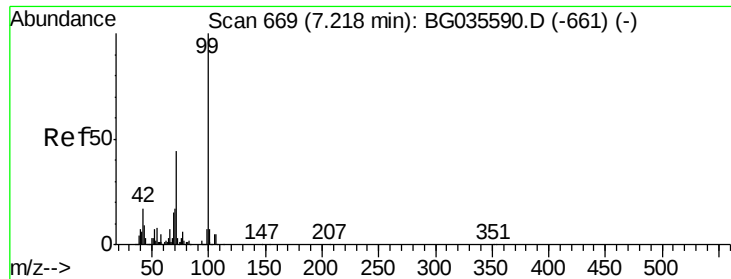


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.167 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

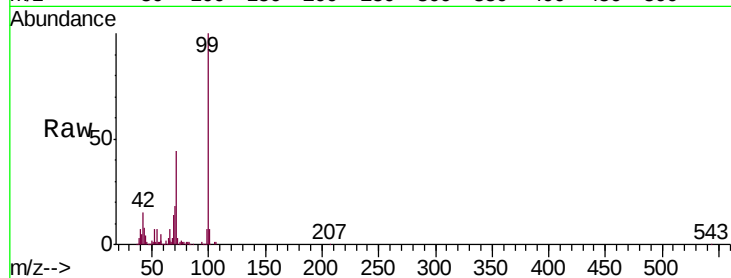
Tgt Ion: 99 Resp: 362605

Ion Ratio Lower Upper

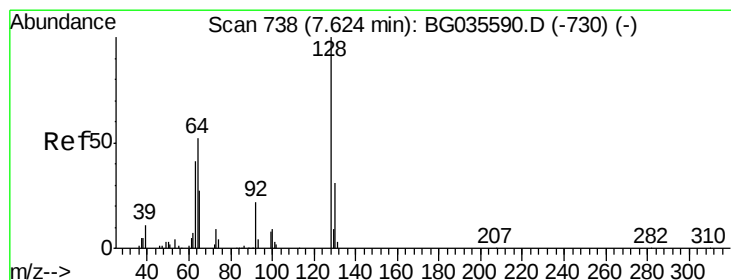
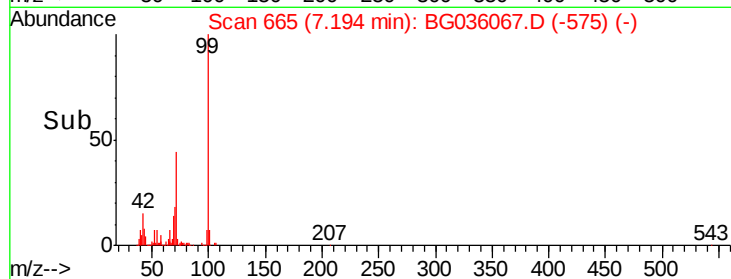
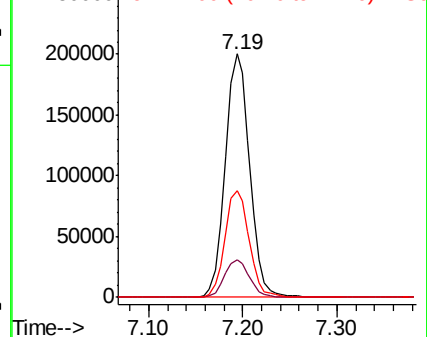
99 100

42 15.3 14.1 21.1

71 43.8 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 49.108 ng

RT: 7.59 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

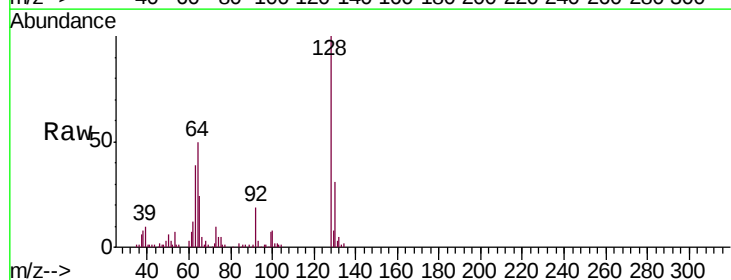
Tgt Ion: 128 Resp: 94709

Ion Ratio Lower Upper

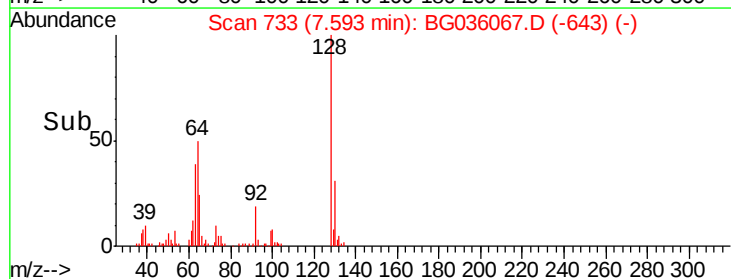
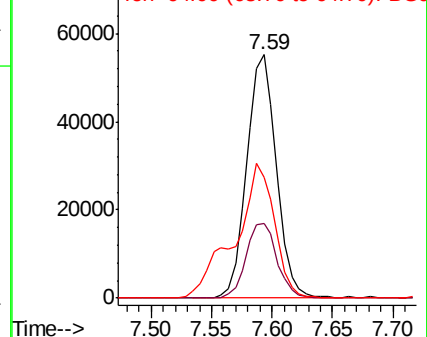
128 100

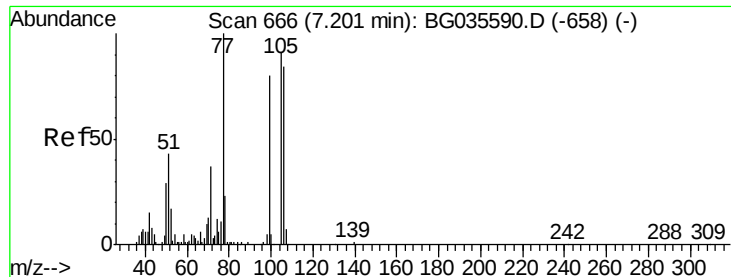
130 30.7 14.0 54.0

64 49.8 37.7 77.7



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: 20.247 ng

RT: 7.16 min Scan# 660

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

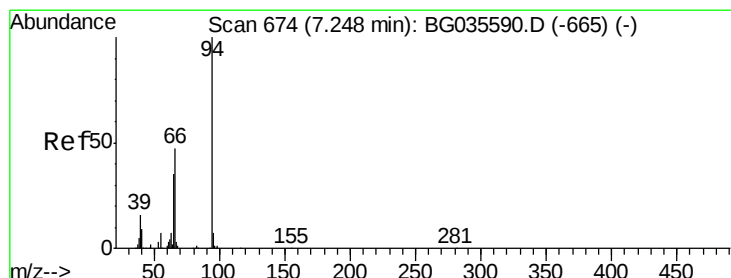
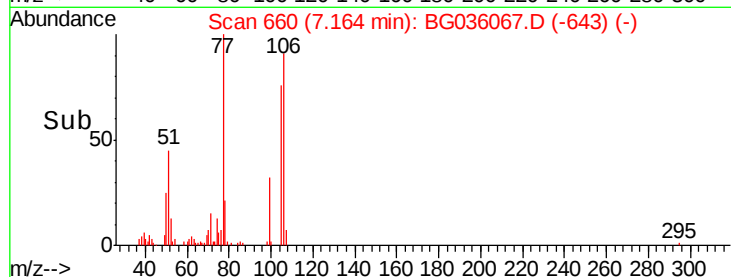
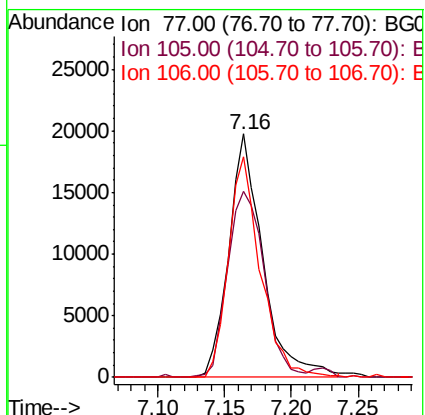
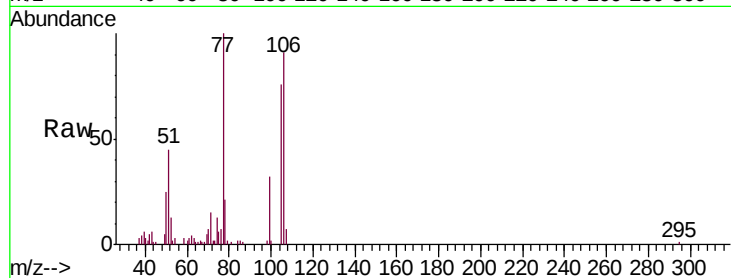
Tgt Ion: 77 Resp: 35148

Ion Ratio Lower Upper

77 100

105 76.3 71.3 111.3

106 90.8 64.2 104.2



#10

Phenol

Concen: 41.455 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

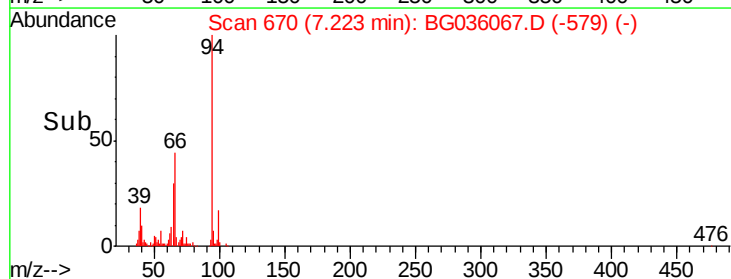
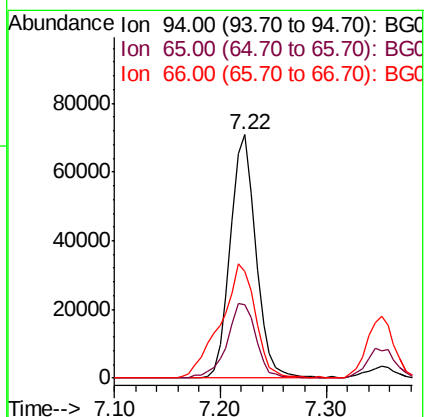
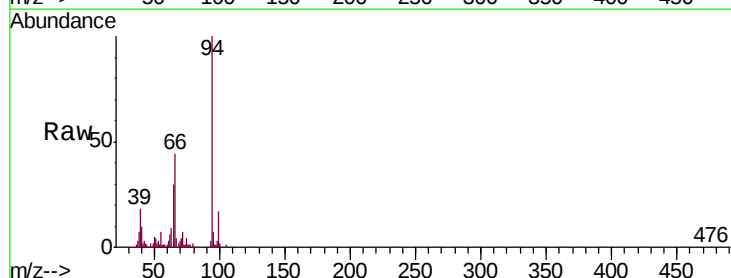
Tgt Ion: 94 Resp: 118492

Ion Ratio Lower Upper

94 100

65 30.4 11.9 51.9

66 43.6 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 43.509 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

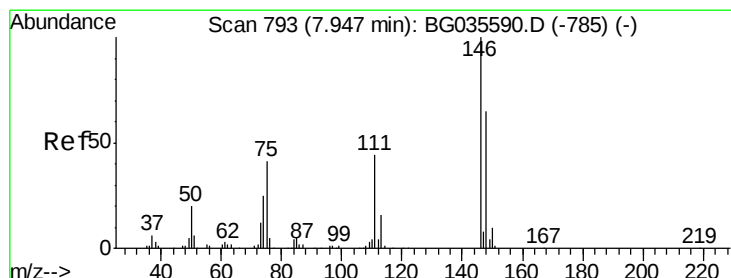
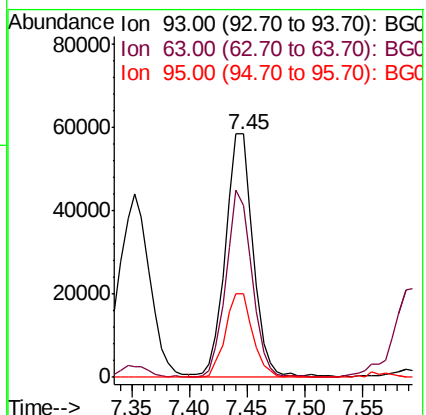
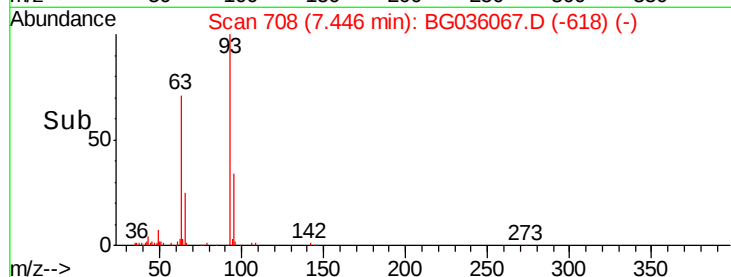
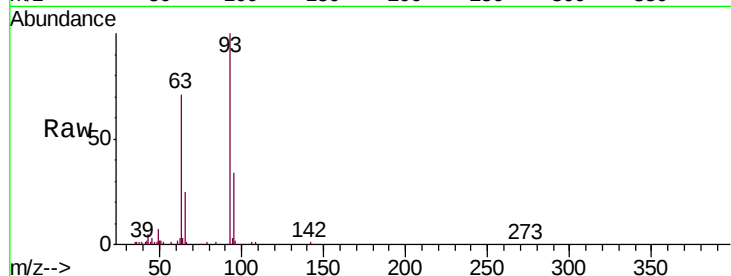
Tgt Ion: 93 Resp: 97394

Ion Ratio Lower Upper

93 100

63 70.8 67.1 107.1

95 34.4 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 41.560 ng

RT: 7.91 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

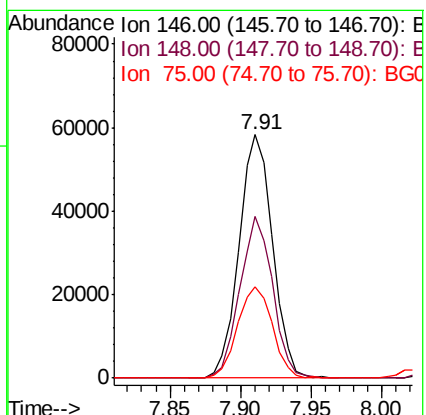
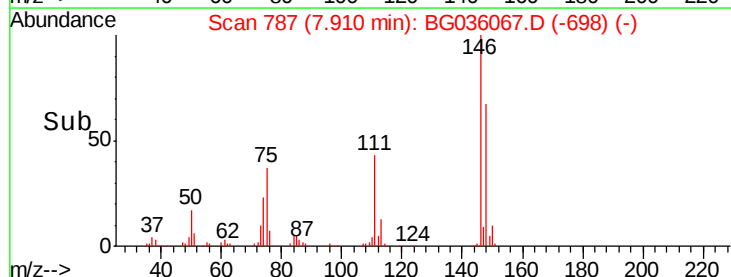
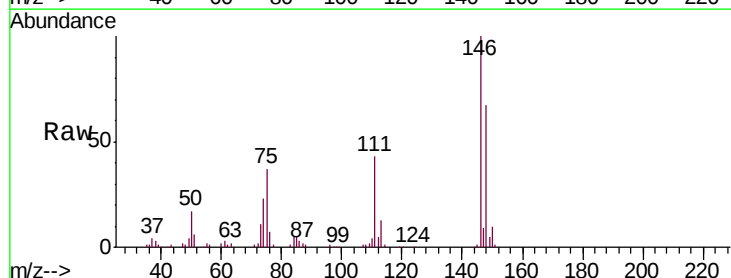
Tgt Ion: 146 Resp: 96790

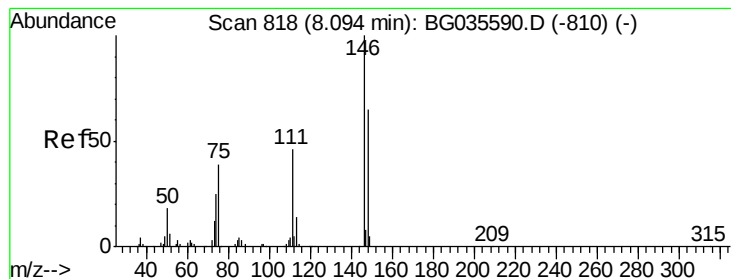
Ion Ratio Lower Upper

146 100

148 66.6 51.4 77.2

75 37.3 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 41.516 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

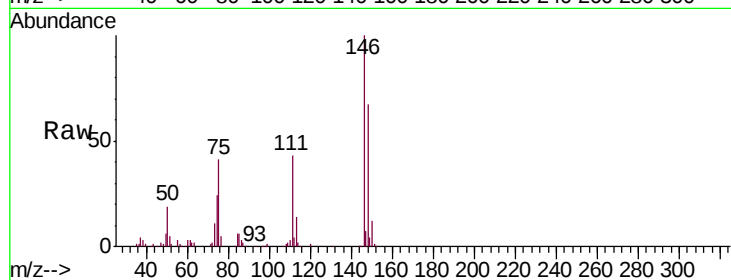
Tgt Ion:146 Resp: 98239

Ion Ratio Lower Upper

146 100

148 66.5 53.7 80.5

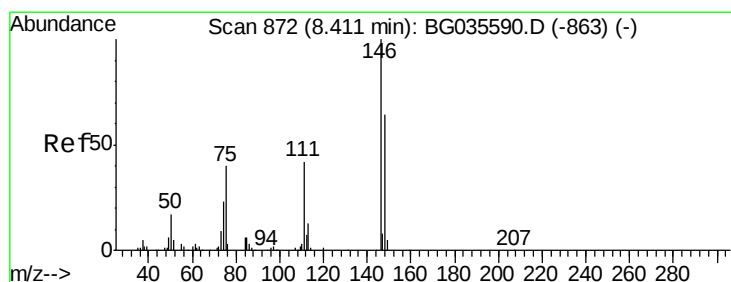
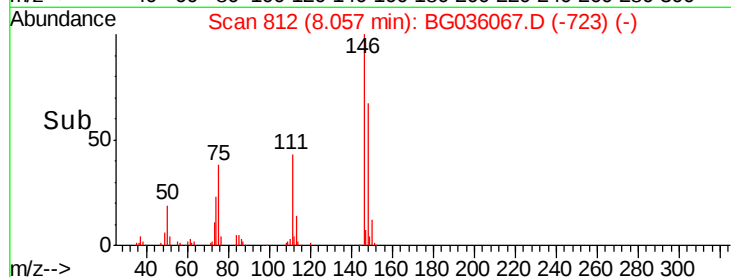
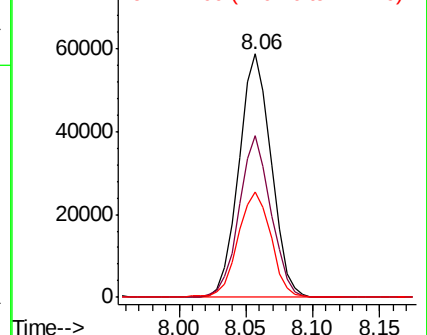
111 43.4 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.201 ng

RT: 8.37 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

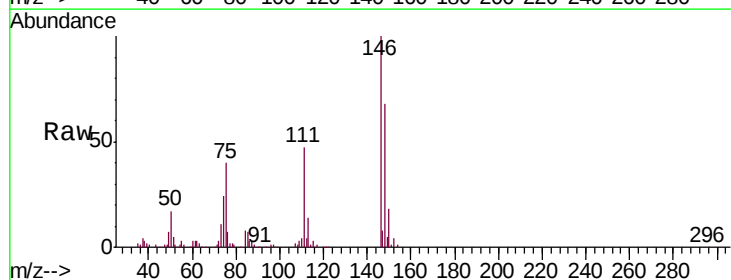
Tgt Ion:146 Resp: 95933

Ion Ratio Lower Upper

146 100

148 67.6 49.3 73.9

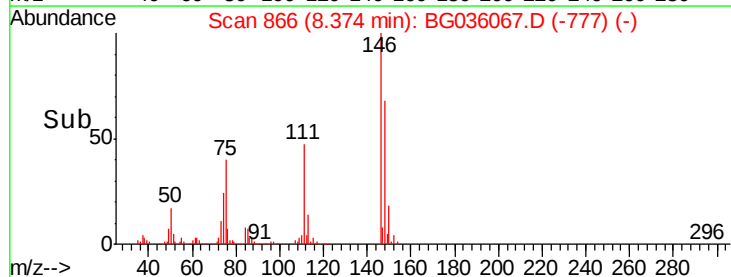
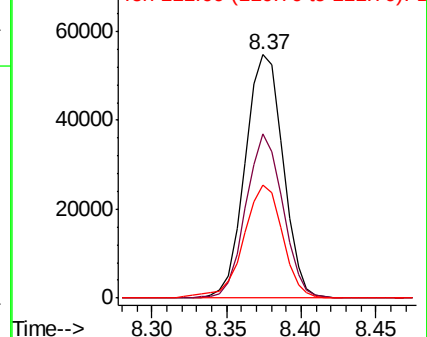
111 46.6 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.338 ng

RT: 8.26 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

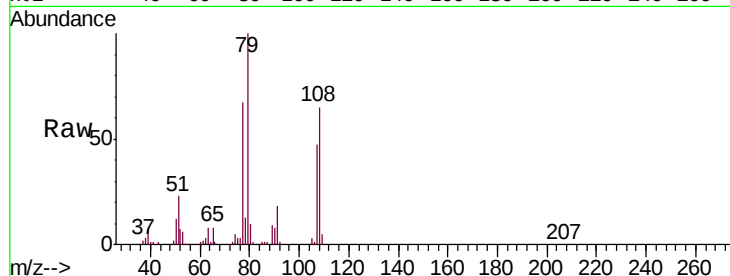
Tgt Ion: 79 Resp: 108773

Ion Ratio Lower Upper

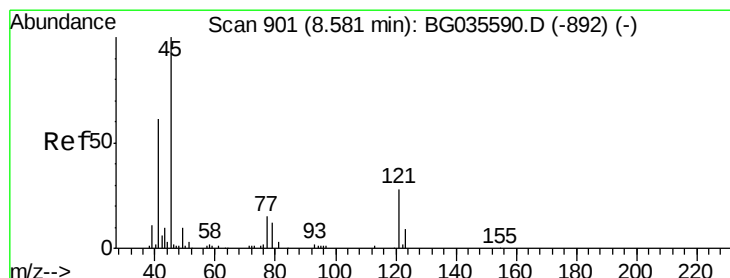
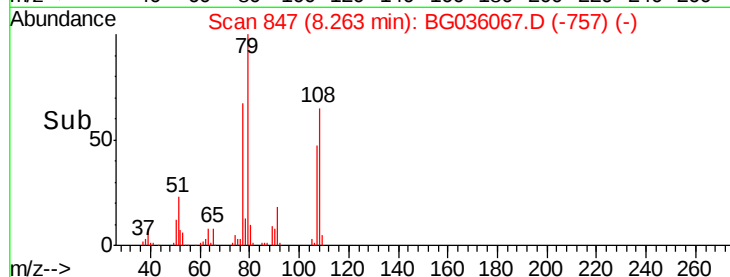
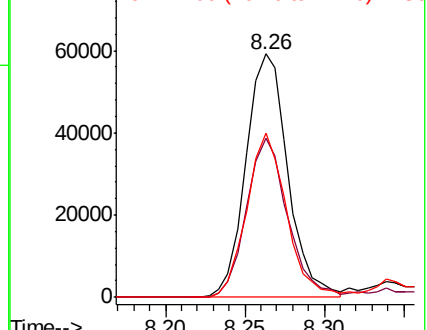
79 100

108 65.3 57.2 85.8

77 67.5 46.1 69.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 56.776 ng

RT: 8.54 min Scan# 894

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

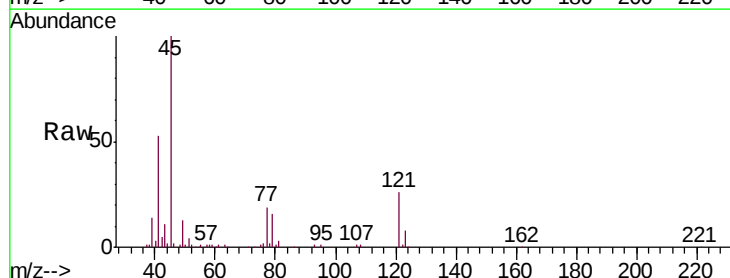
Tgt Ion: 45 Resp: 106549

Ion Ratio Lower Upper

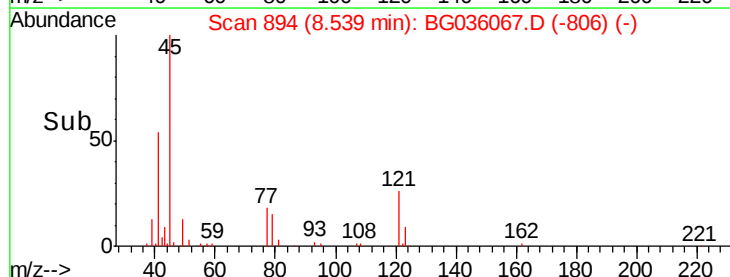
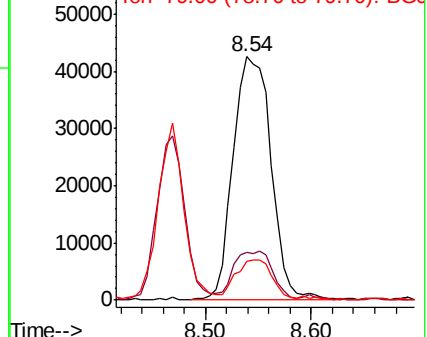
45 100

77 19.5 0.0 30.2

79 15.7 0.0 27.9



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

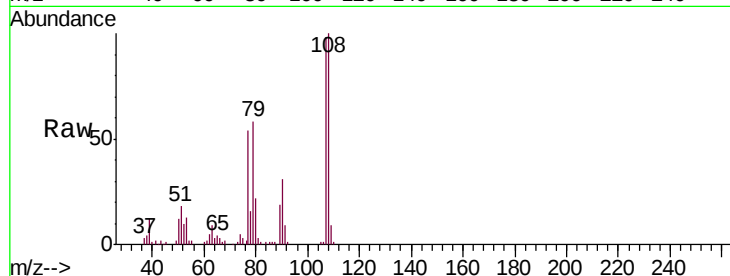




#17
2-Methylphenol
Concen: 48.120 ng
RT: 8.47 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Tgt Ion:	107	Resp:	93514
Ion	Ratio	Lower	Upper
107	100		
108	102.3	83.9	125.9
77	55.2	37.2	55.8
79	59.5	36.2	54.2#



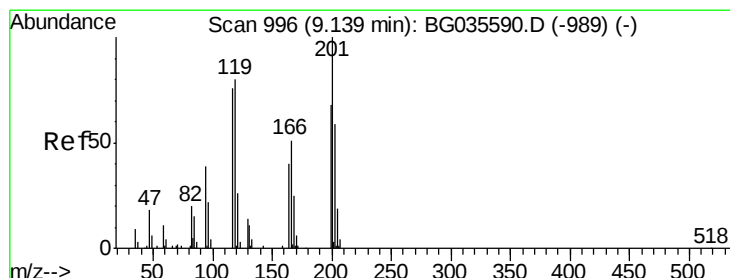
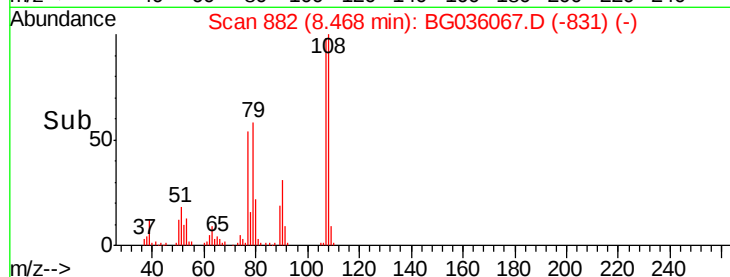
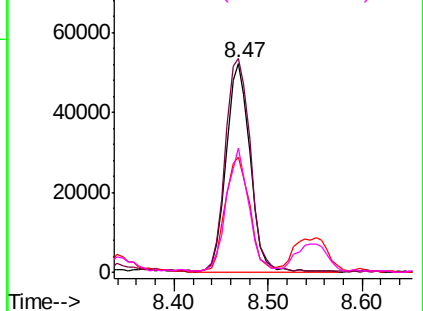
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

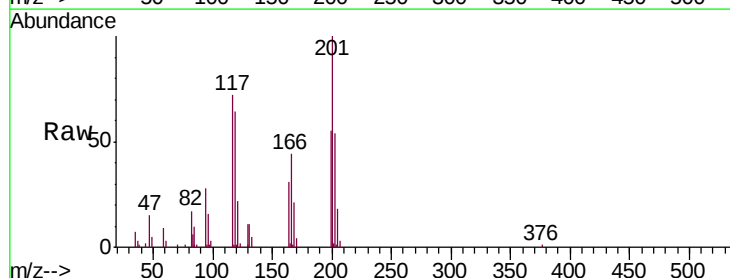
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 41.139 ng
RT: 9.10 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion:	117	Resp:	37221
Ion	Ratio	Lower	Upper
117	100		
119	88.9	76.7	115.1
201	138.8	95.7	143.5

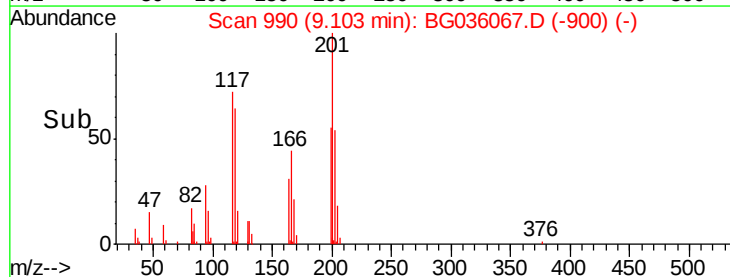
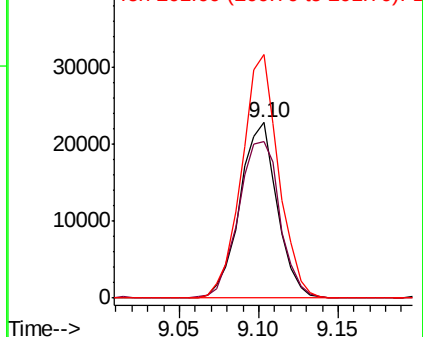


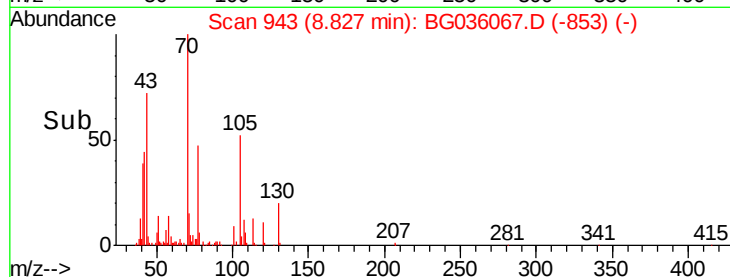
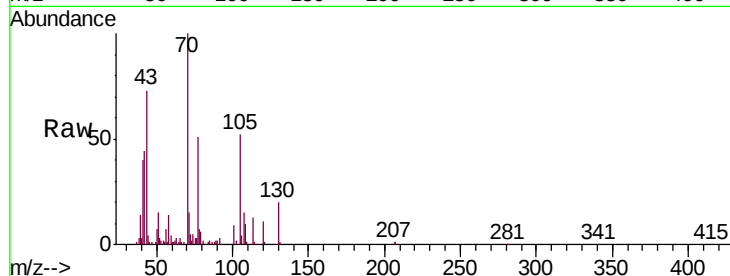
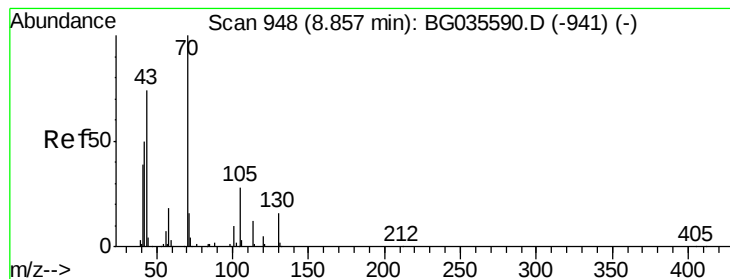
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.446 ng

RT: 8.83 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

Tgt Ion: 70 Resp: 93975

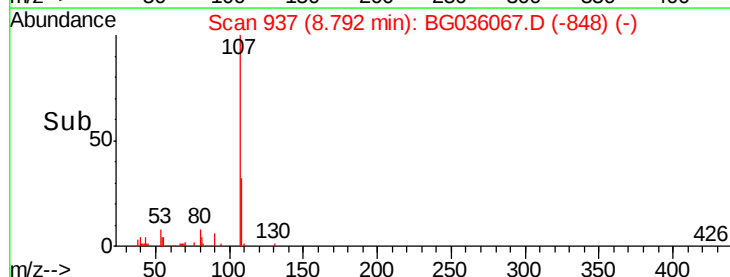
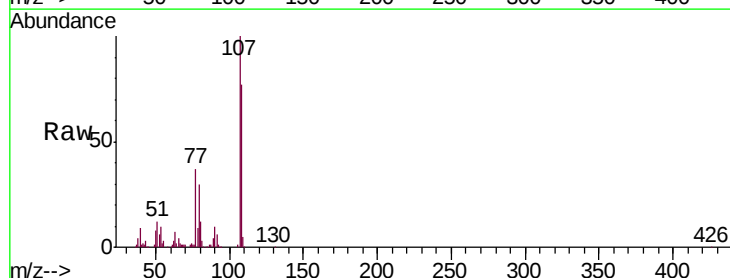
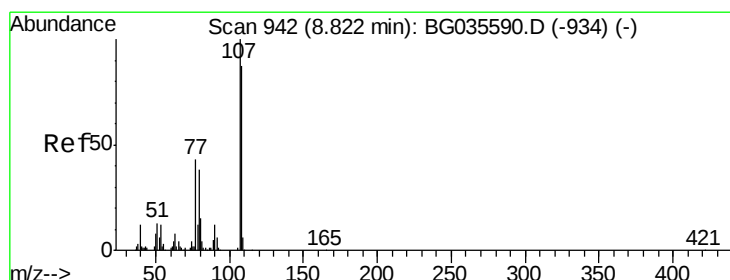
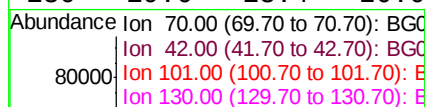
Ion Ratio Lower Upper

70 100

42 44.1 49.1 73.7#

101 8.6 8.5 12.7

130 19.6 13.4 20.0



#20

3+4-Methylphenols

Concen: 46.617 ng

RT: 8.79 min Scan# 937

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion: 107 Resp: 125677

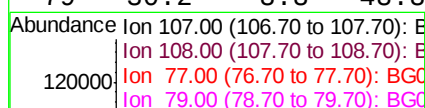
Ion Ratio Lower Upper

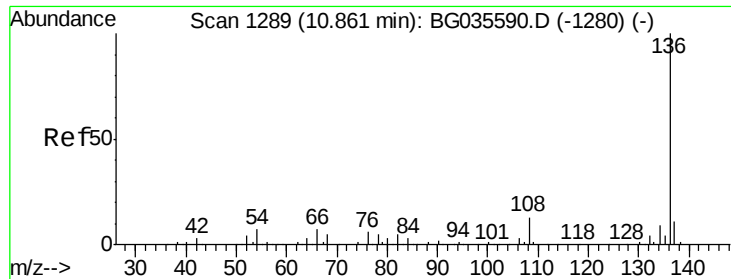
107 100

108 77.0 61.6 101.6

77 37.0 13.9 53.9

79 30.2 8.8 48.8

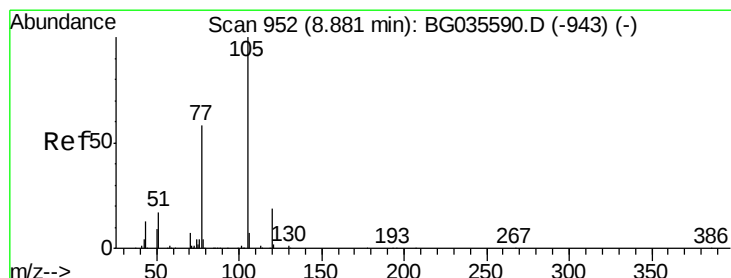
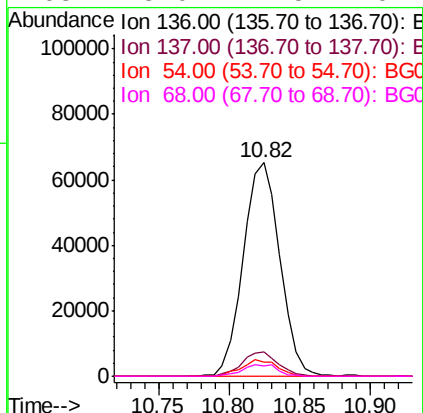
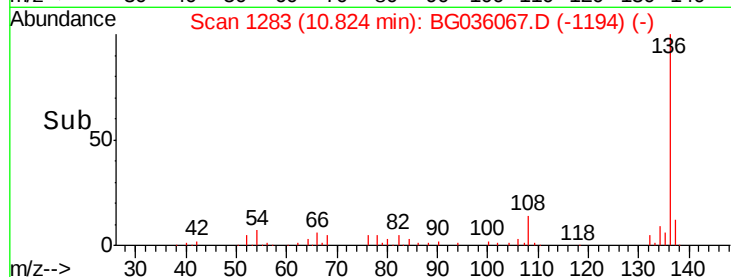
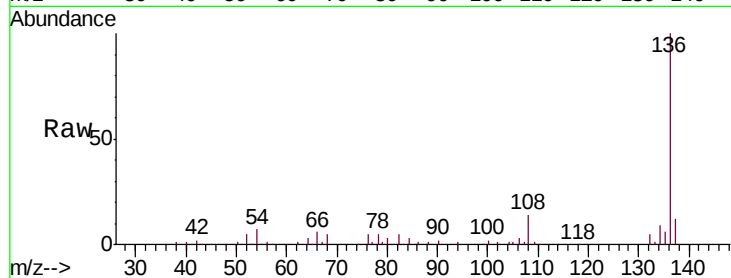




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

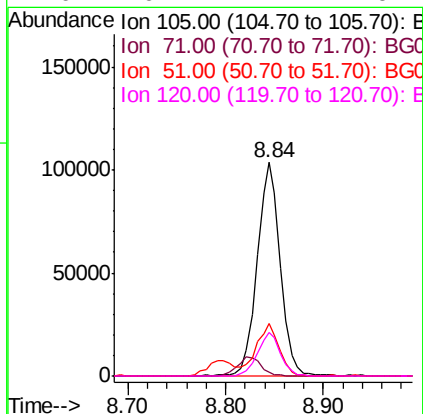
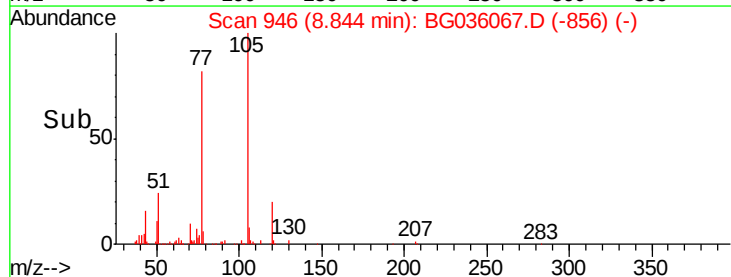
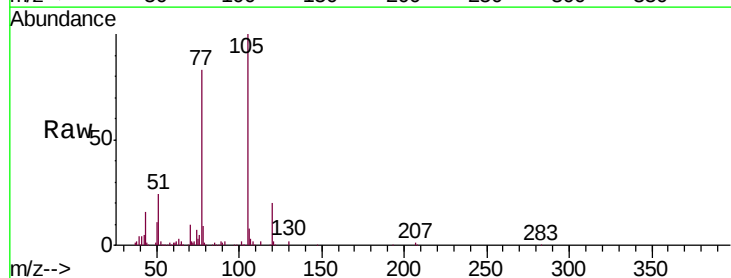
Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

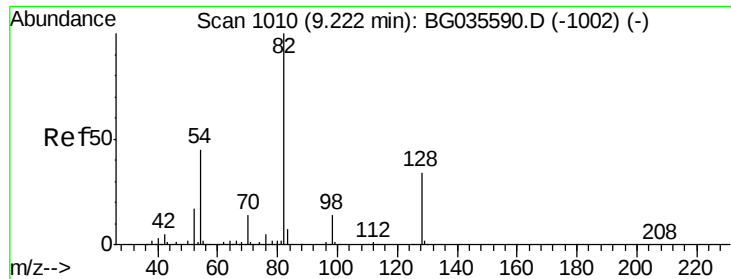
Tgt Ion:	136	Resp:	118562
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	6.6	10.3	15.5#
68	5.0	4.5	6.7



#22
Acetophenone
Concen: 46.720 ng
RT: 8.84 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion:	105	Resp:	172254
Ion	Ratio	Lower	Upper
105	100		
71	1.7	3.0	4.4#
51	24.4	26.1	39.1#
120	20.2	17.4	26.2

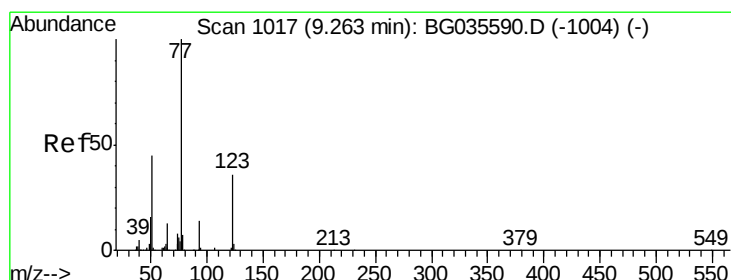
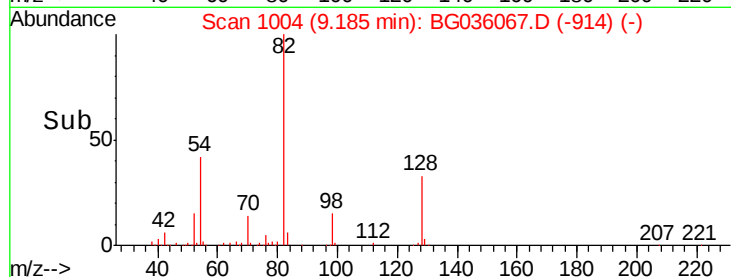
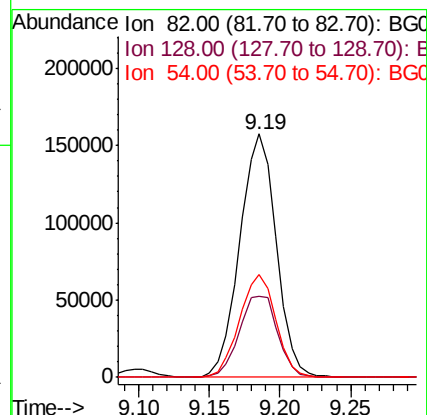
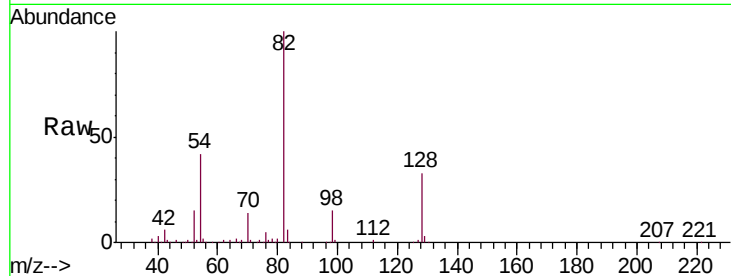




#23
 Nitrobenzene-d5
 Concen: 100.488 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

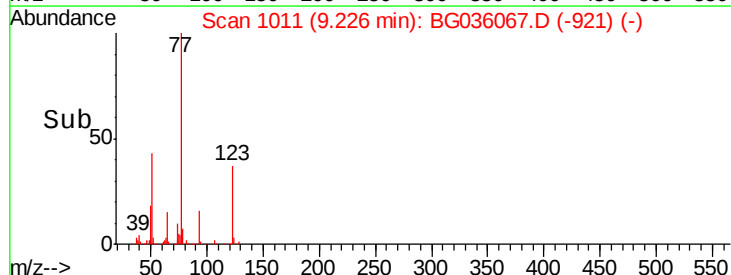
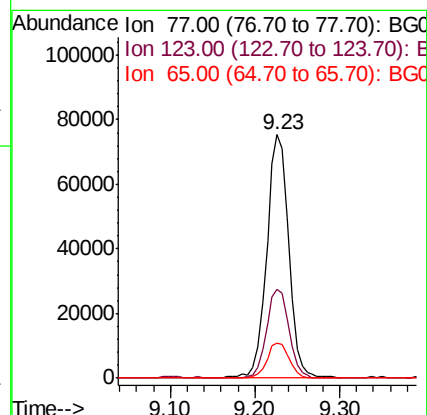
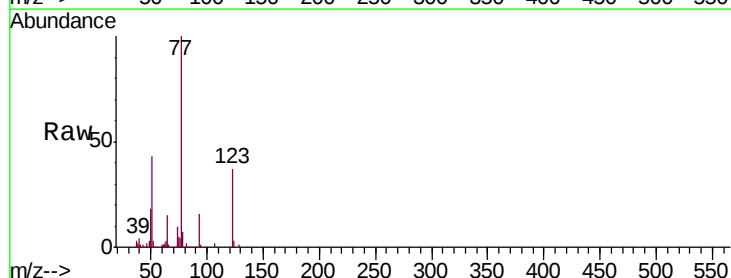
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.1	29.7	44.5
54	42.4	43.1	64.7#



#24
 Nitrobenzene
 Concen: 47.951 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.6	33.0	49.6
65	14.6	13.0	19.6

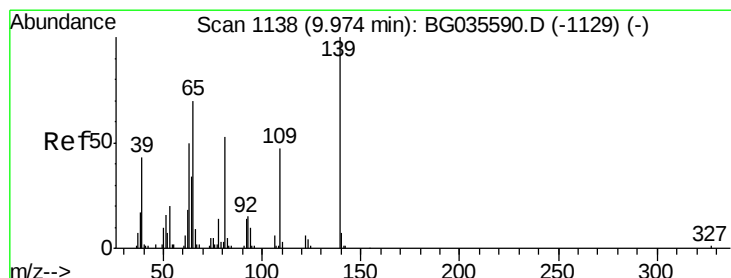
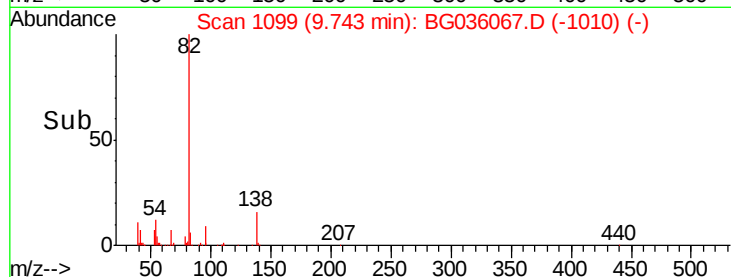
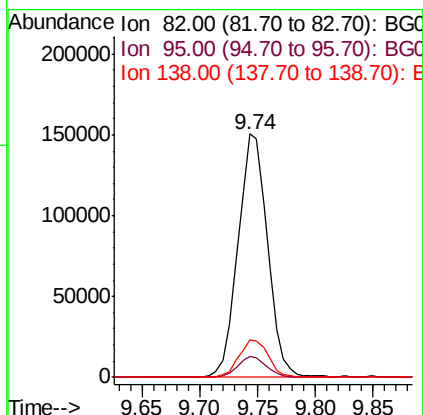
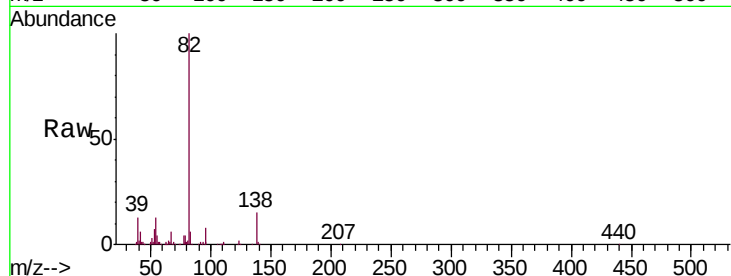




#25
Isophorone
Concen: 50.696 ng
RT: 9.74 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

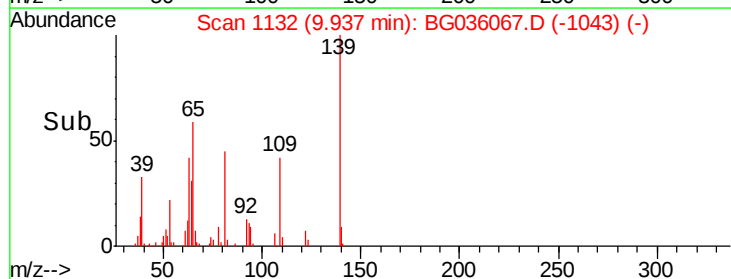
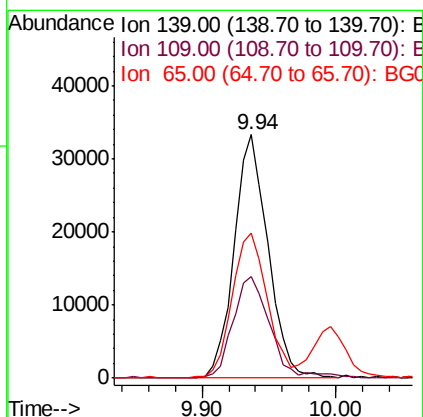
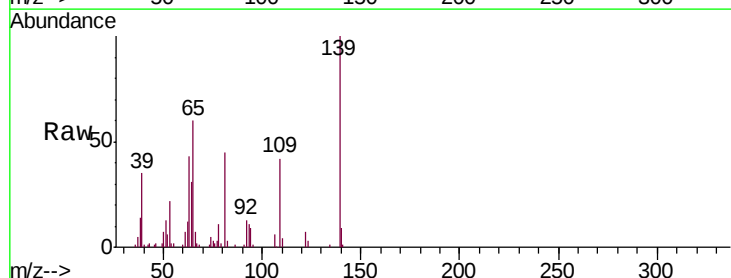
Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

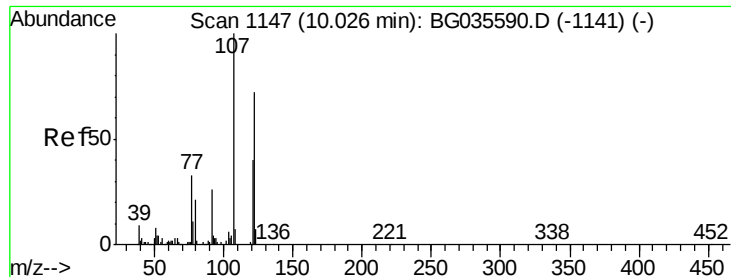
Tgt Ion: 82 Resp: 267091
Ion Ratio Lower Upper
82 100
95 8.4 6.2 9.2
138 15.3 12.1 18.1



#26
2-Nitrophenol
Concen: 57.674 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion: 139 Resp: 58464
Ion Ratio Lower Upper
139 100
109 41.8 24.2 36.2#
65 59.5 47.4 71.0

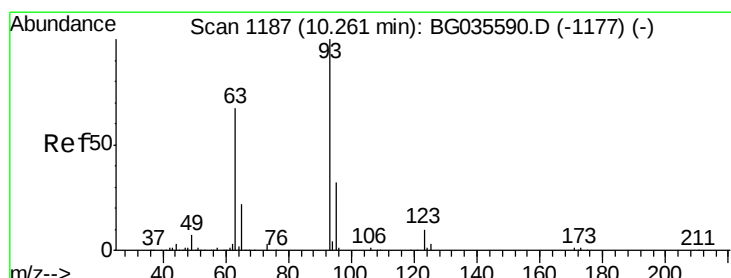
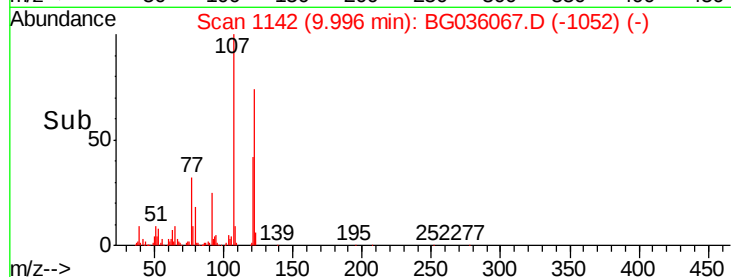
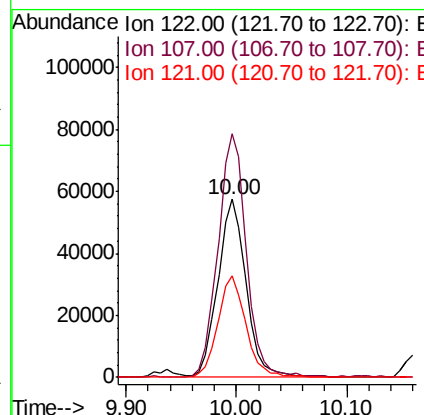
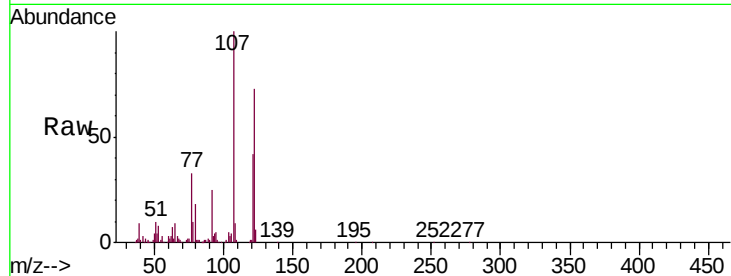




#27
2,4-Dimethylphenol
Concen: 59.334 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

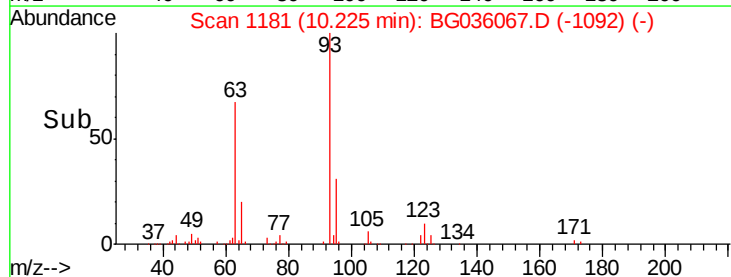
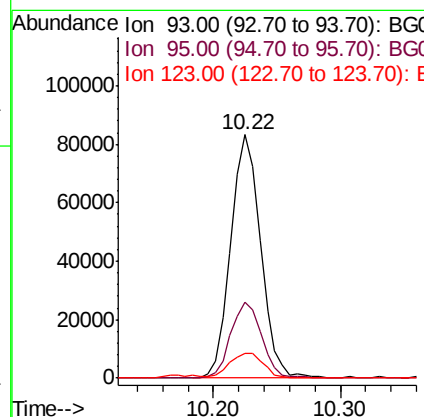
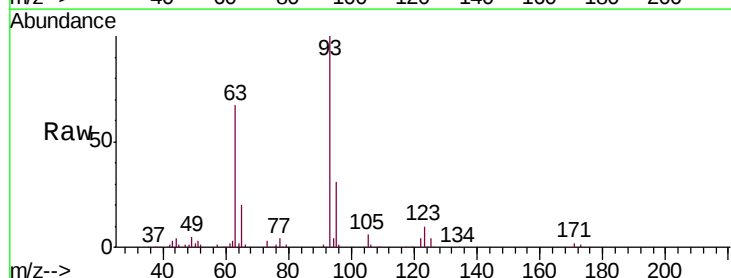
Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

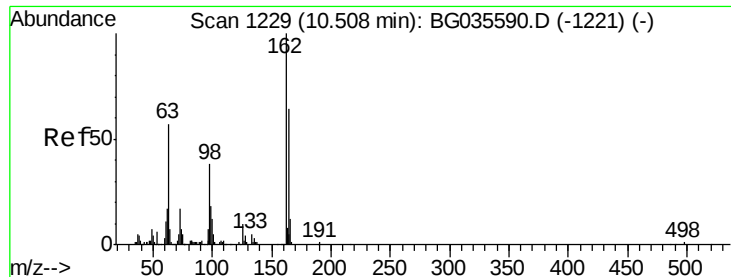
Tgt Ion	Ratio	Lower	Upper
122	100		
107	136.6	100.2	150.2
121	57.3	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.941 ng
RT: 10.22 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	24.3	36.5
123	10.2	8.4	12.6

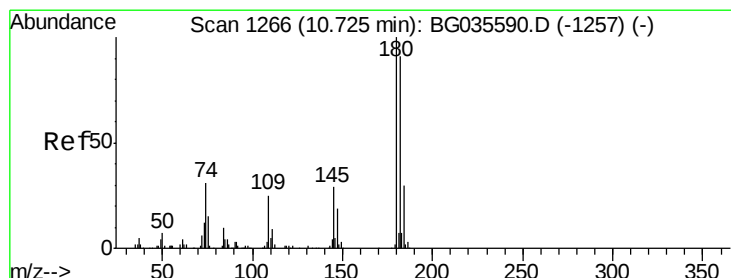
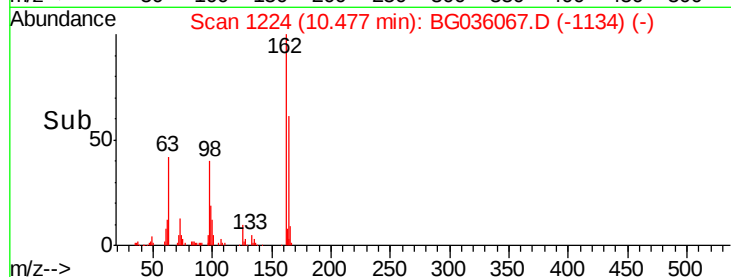
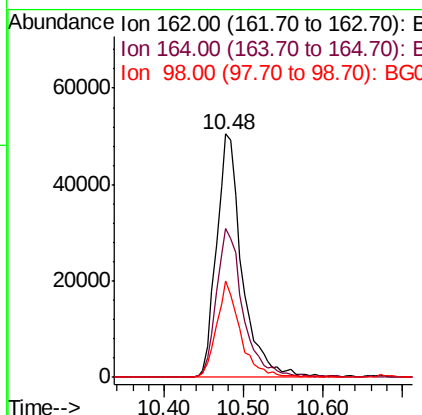
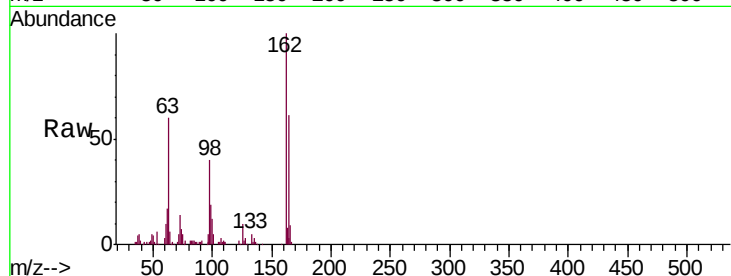




#29
 2,4-Dichlorophenol
 Concen: 57.465 ng
 RT: 10.48 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

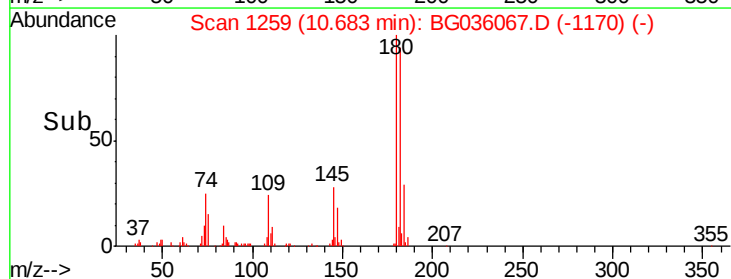
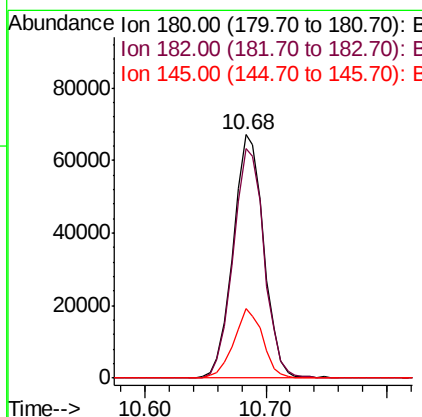
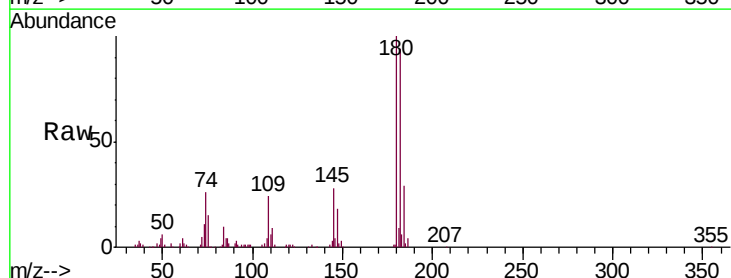
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

Tgt Ion:162 Resp: 112559
 Ion Ratio Lower Upper
 162 100
 164 61.4 48.0 88.0
 98 39.7 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 49.359 ng
 RT: 10.68 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Tgt Ion:180 Resp: 118552
 Ion Ratio Lower Upper
 180 100
 182 94.1 77.5 116.3
 145 28.4 23.4 35.2

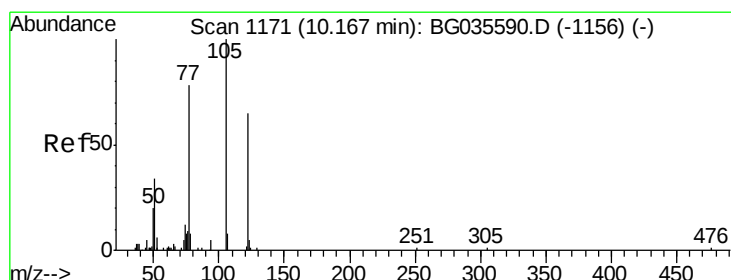
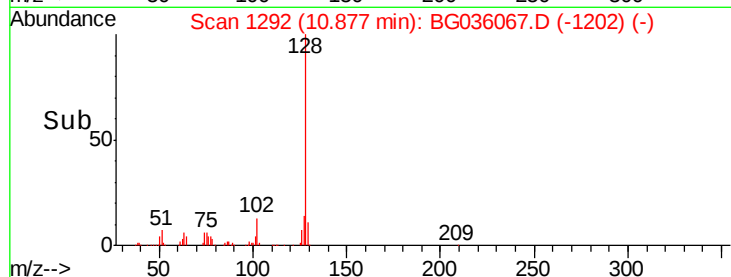
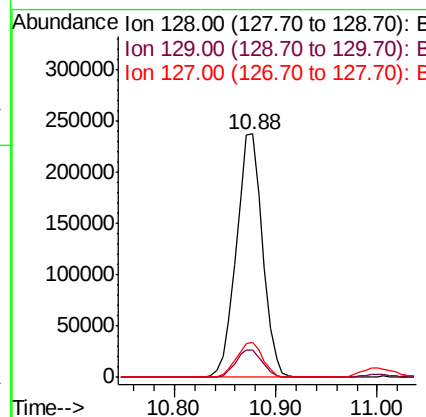
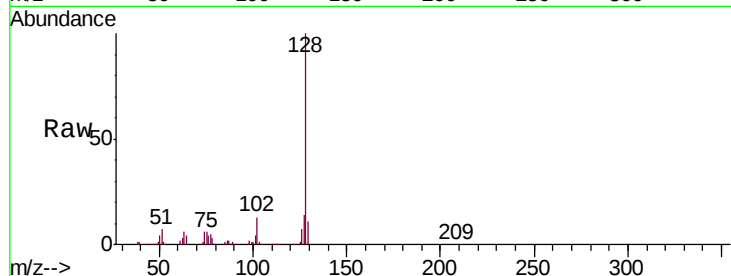




#31
Naphthalene
Concen: 69.015 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

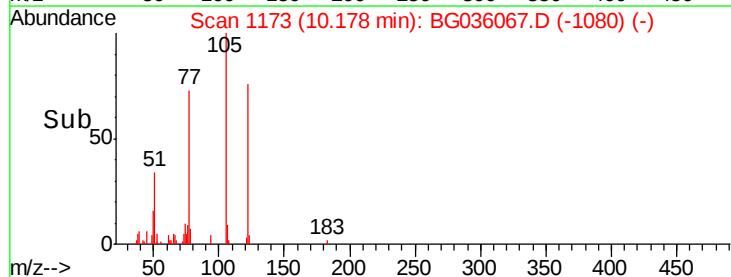
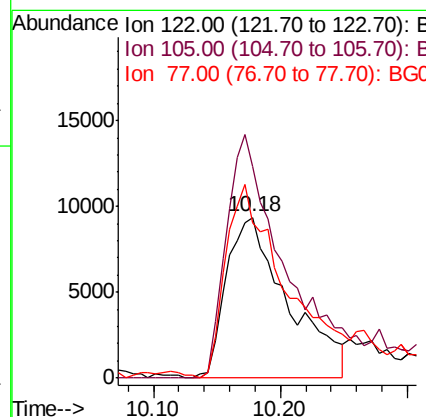
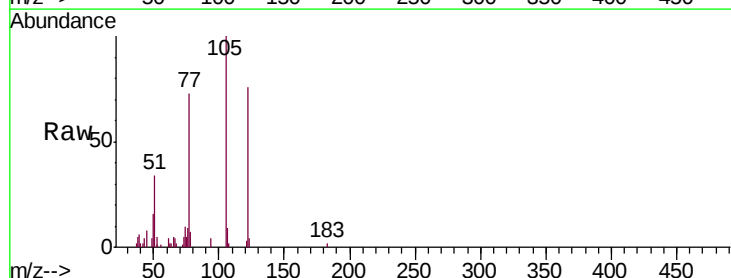
Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

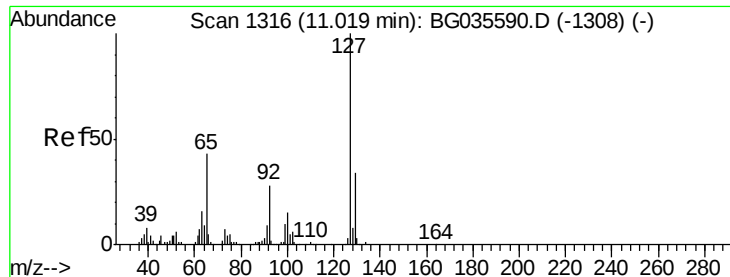
Tgt Ion:128 Resp: 426240
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 14.2 11.6 17.4



#32
Benzoic acid
Concen: 27.415 ng
RT: 10.18 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion:122 Resp: 31668
Ion Ratio Lower Upper
122 100
105 131.8 123.5 163.5
77 96.7 85.7 125.7

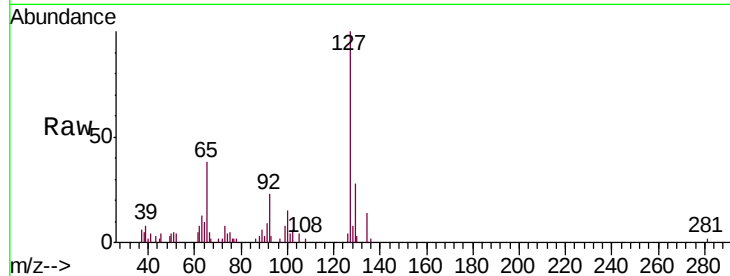




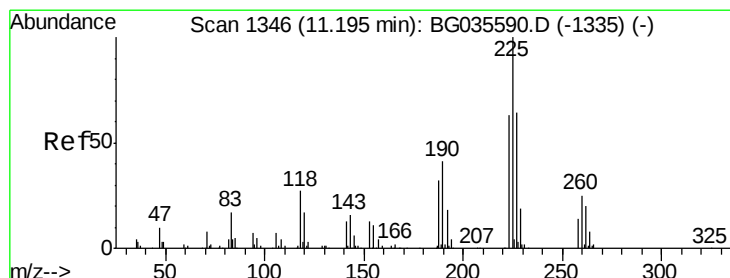
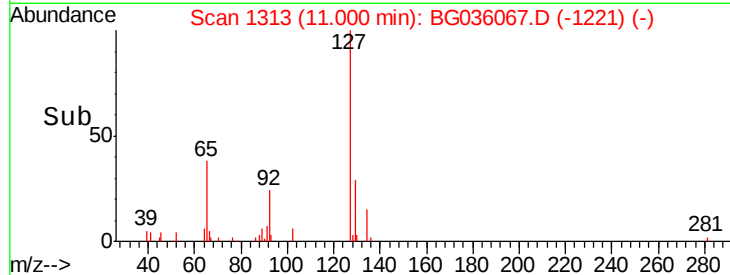
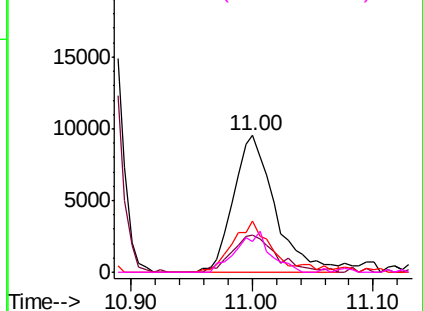
#33
4-Chloroaniline
Concen: 8.451 ng
RT: 11.00 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Tgt Ion:	127	Resp:	22748
Ion	Ratio	Lower	Upper
127	100		
129	27.5	24.0	36.0
65	37.8	27.0	40.4
92	22.8	16.6	25.0

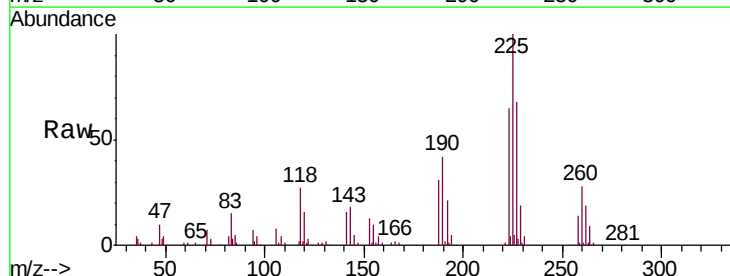


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

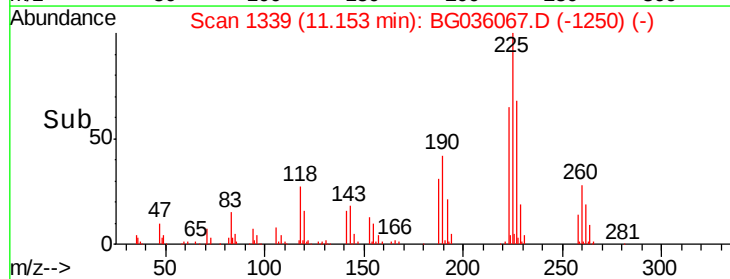
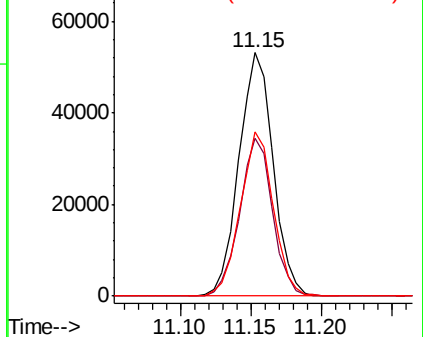


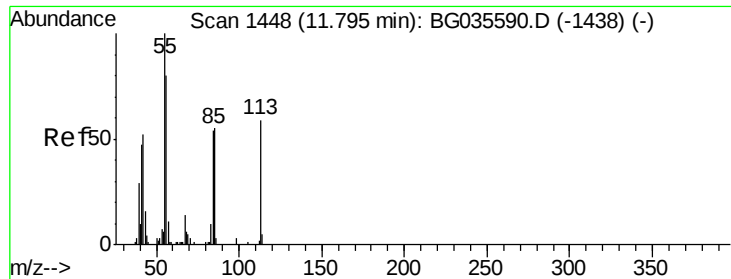
#34
Hexachlorobutadiene
Concen: 48.061 ng
RT: 11.15 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion:	225	Resp:	90014
Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.7	74.5
227	67.6	48.1	72.1



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

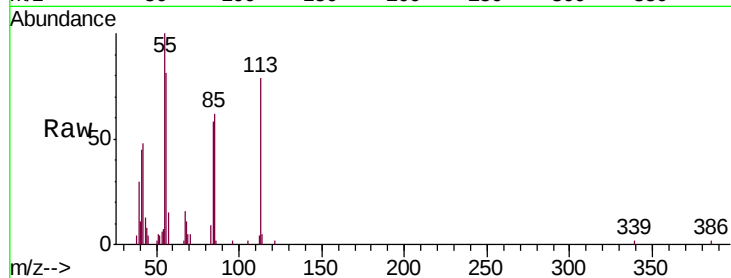




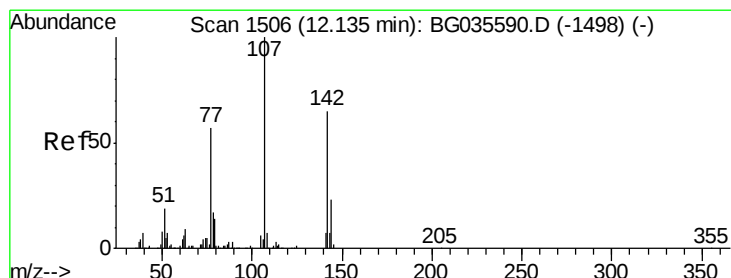
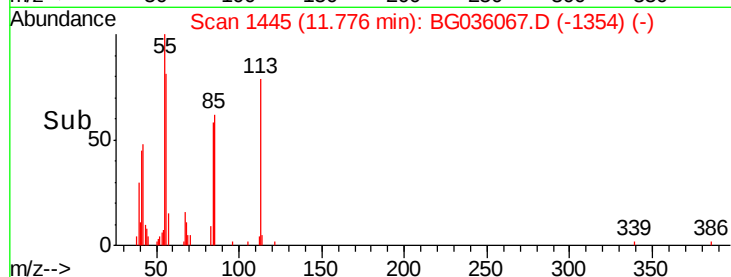
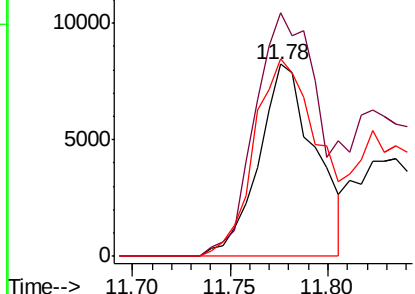
#35
 Caprolactam
 Concen: 19.589 ng
 RT: 11.78 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

Tgt Ion:113 Resp: 16466
 Ion Ratio Lower Upper
 113 100
 55 126.7 186.9 226.9#
 56 102.6 130.9 170.9#

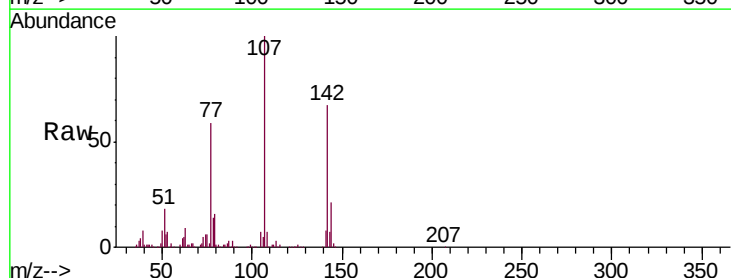


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

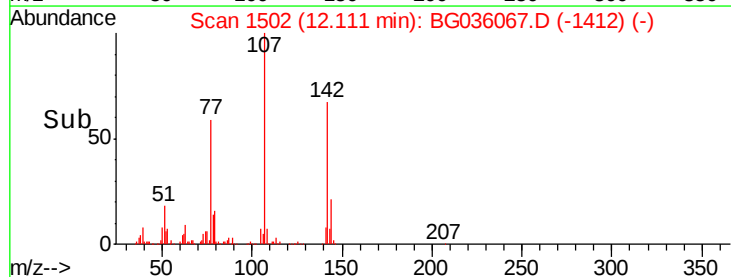
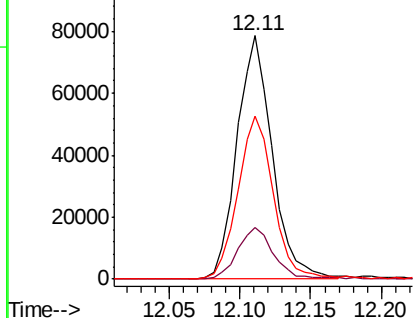


#36
 4-Chloro-3-methylphenol
 Concen: 52.129 ng
 RT: 12.11 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Tgt Ion:107 Resp: 136865
 Ion Ratio Lower Upper
 107 100
 144 21.0 18.2 27.4
 142 67.1 59.0 88.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

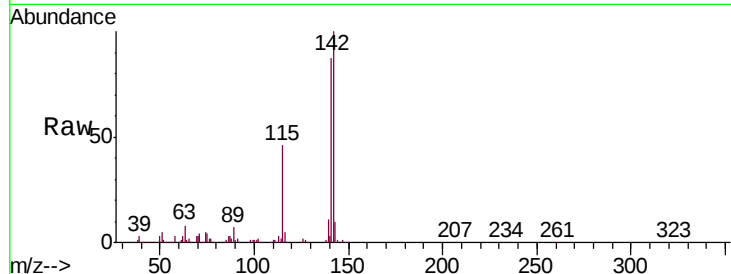




#37
 2-Methylnaphthalene
 Concen: 53.047 ng
 RT: 12.47 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.5	67.1	100.7
115	46.2	30.7	46.1#

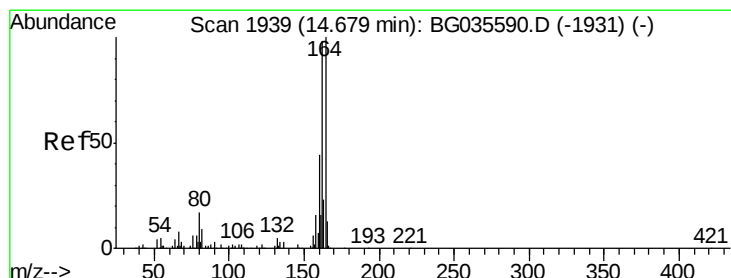
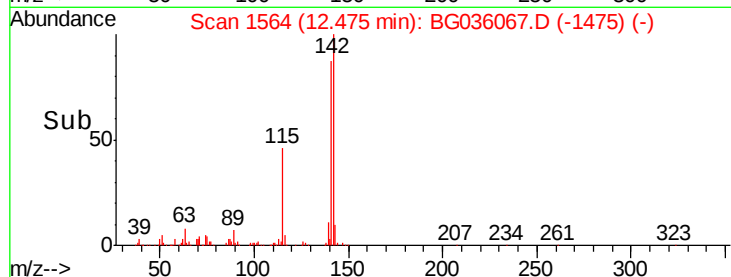
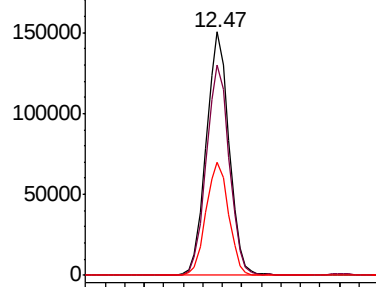


Abundance

Ion 142.00 (141.70 to 142.70): E

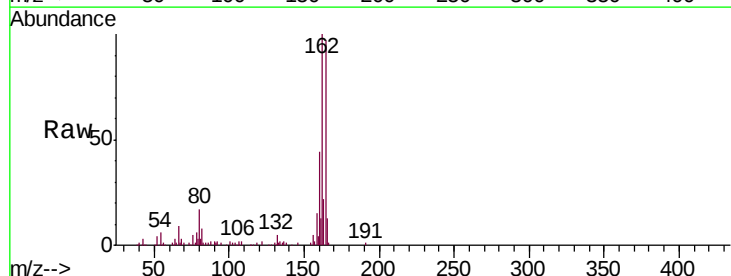
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	78.8	118.2
160	45.5	35.4	53.0

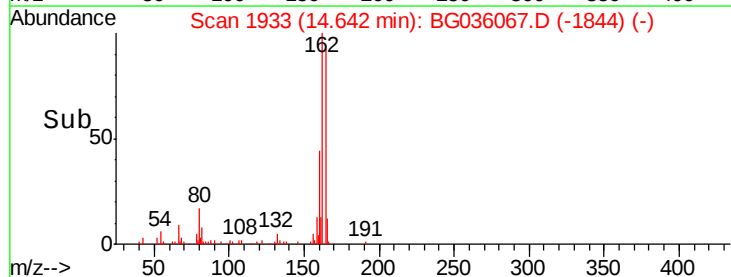
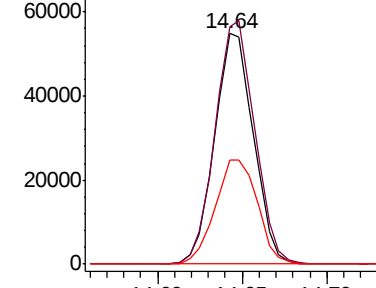


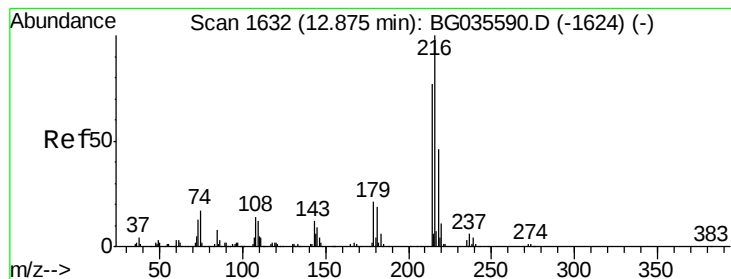
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.176 ng

RT: 12.84 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

Tgt Ion:216 Resp: 162997

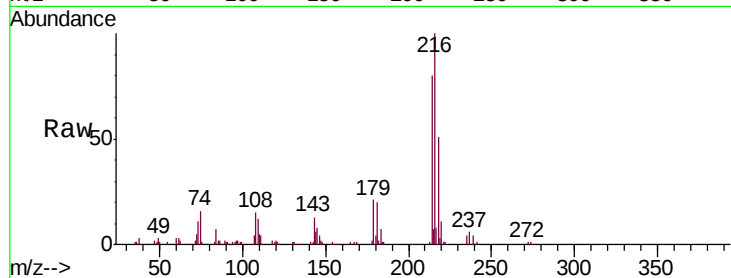
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 20.3 17.0 25.6

108 17.0 12.8 19.2

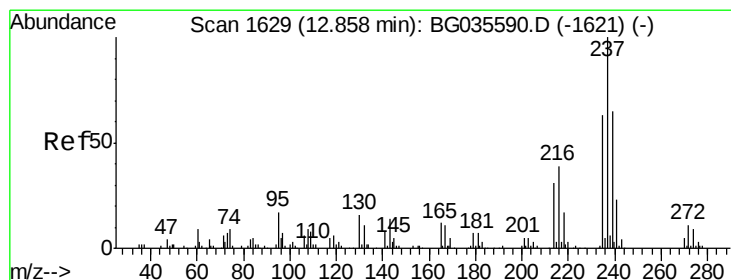
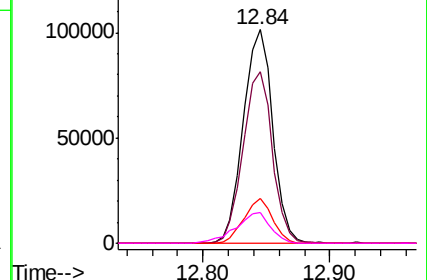
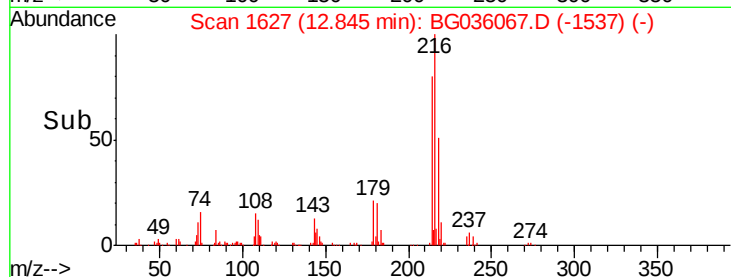


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 106.549 ng

RT: 12.82 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

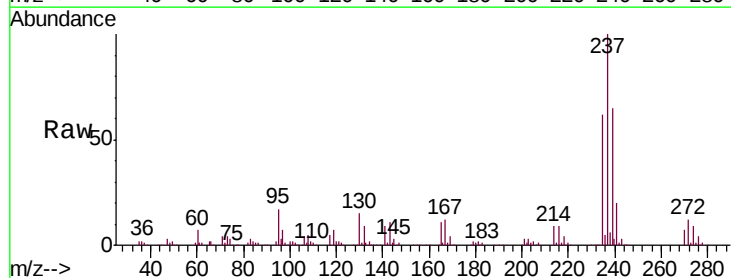
Tgt Ion:237 Resp: 185215

Ion Ratio Lower Upper

237 100

235 62.2 50.4 90.4

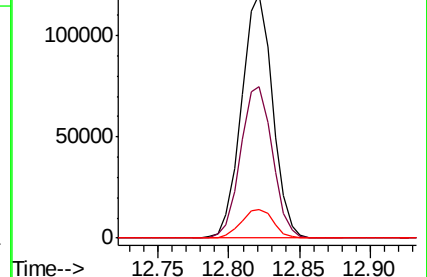
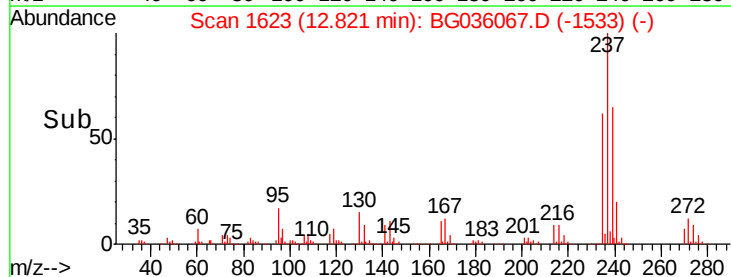
272 12.0 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

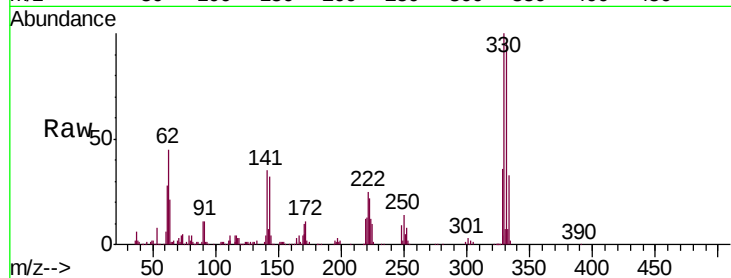




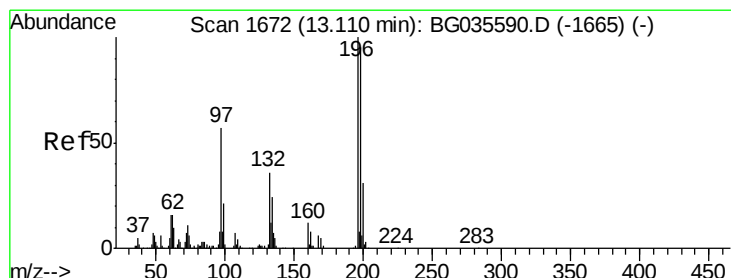
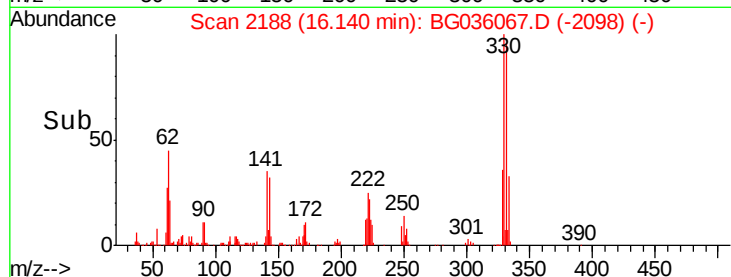
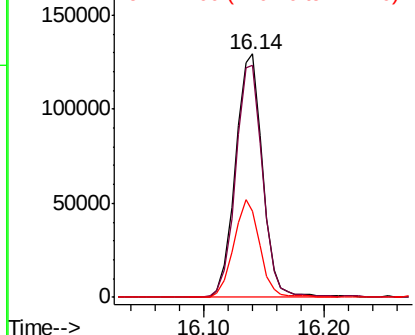
#41
 2,4,6-Tribromophenol
 Concen: 174.543 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

Tgt Ion:330 Resp: 202036
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 38.6 25.2 37.8#

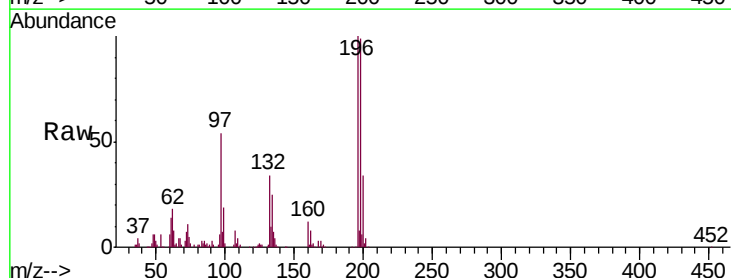


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

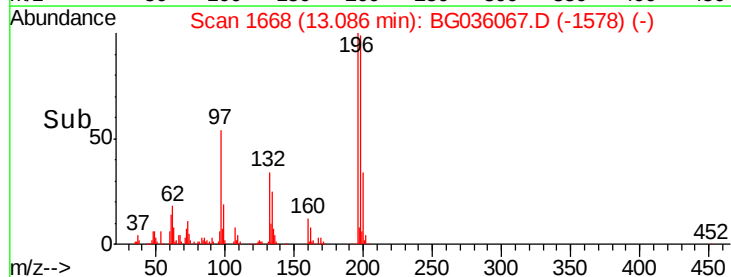
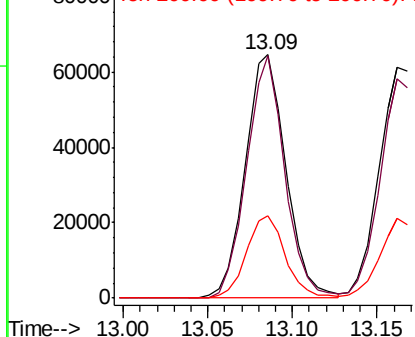


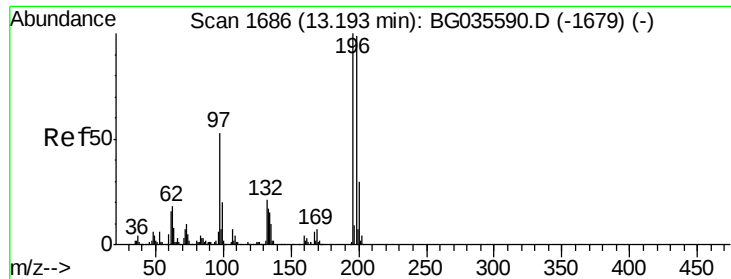
#42
 2,4,6-Trichlorophenol
 Concen: 55.851 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Tgt Ion:196 Resp: 108260
 Ion Ratio Lower Upper
 196 100
 198 99.5 78.2 117.2
 200 33.6 24.6 36.8



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

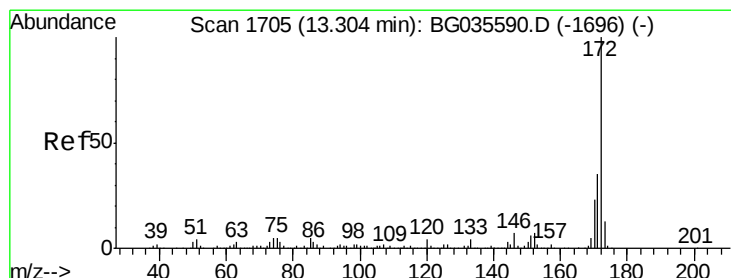
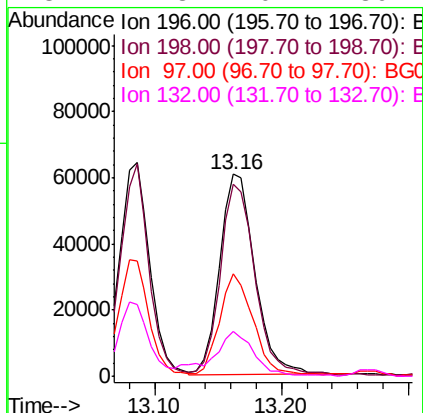
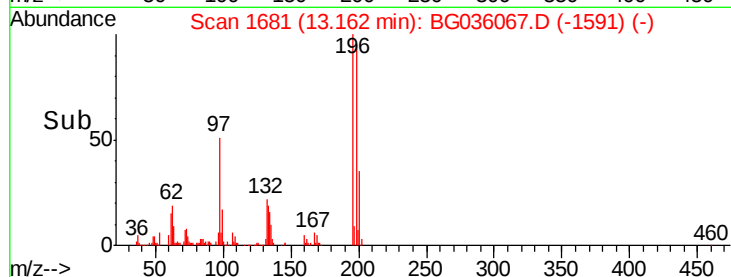
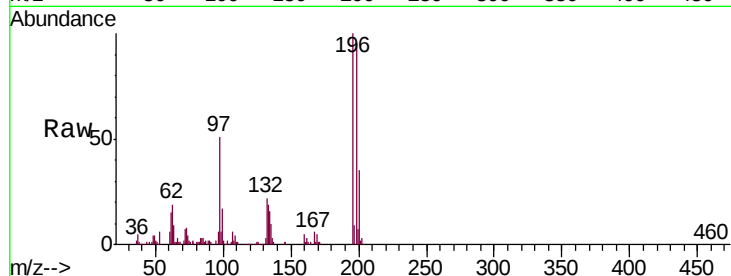




#43
 2,4,5-Trichlorophenol
 Concen: 53.833 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

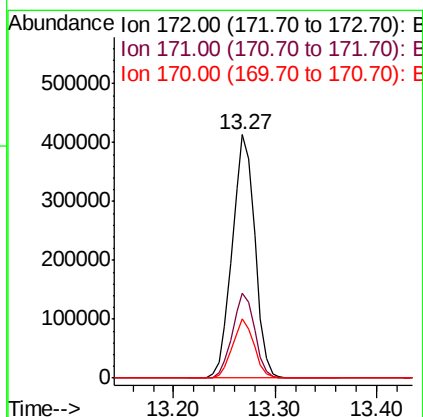
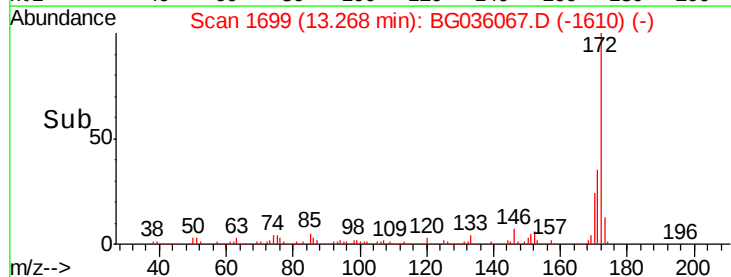
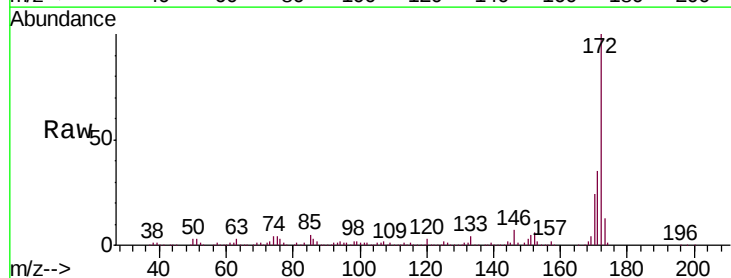
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

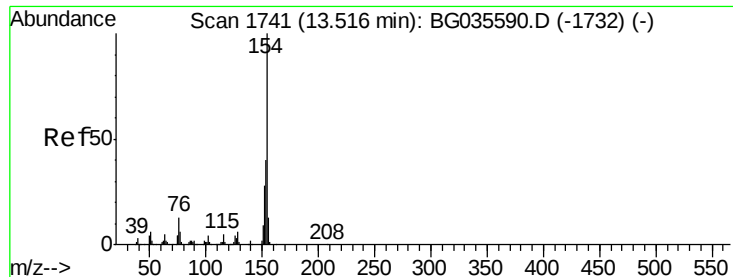
Tgt Ion	Resp	Lower	Upper
196	116734		
198	95.0	76.2	114.4
97	50.8	38.7	58.1
132	22.3	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 97.762 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Tgt Ion	Resp	Lower	Upper
172	640823		
171	34.9	30.0	45.0
170	24.3	19.5	29.3





#45

1,1'-Biphenyl

Concen: 49.085 ng

RT: 13.48 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

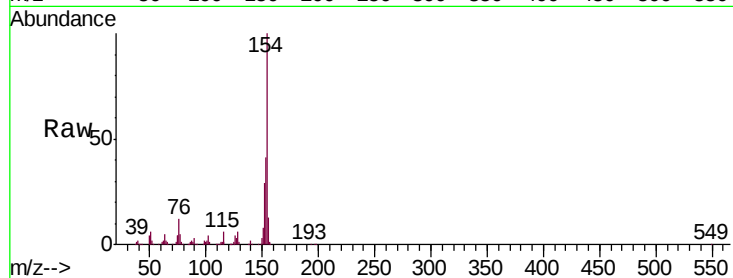
Tgt Ion:154 Resp: 334199

Ion Ratio Lower Upper

154 100

153 40.7 19.8 59.8

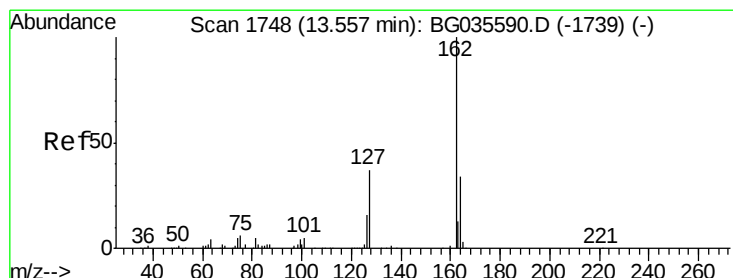
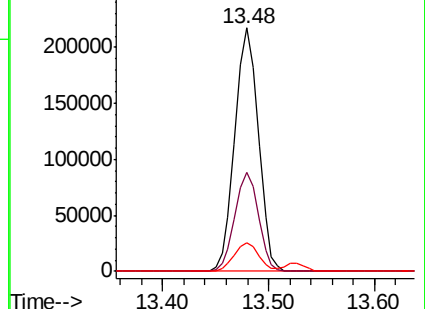
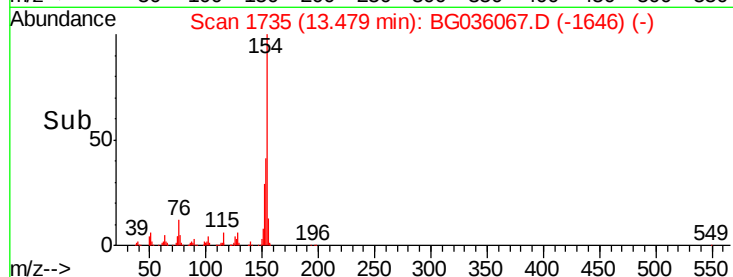
76 11.8 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 50.042 ng

RT: 13.53 min Scan# 1743

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

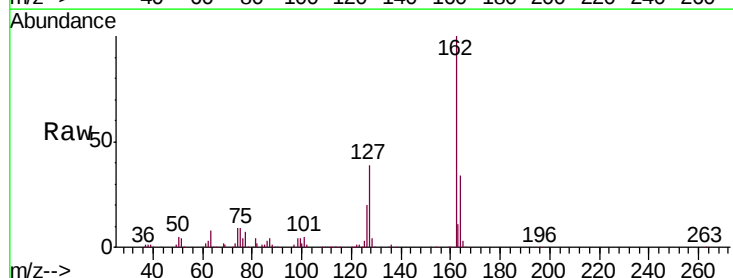
Tgt Ion:162 Resp: 265021

Ion Ratio Lower Upper

162 100

127 38.5 30.7 46.1

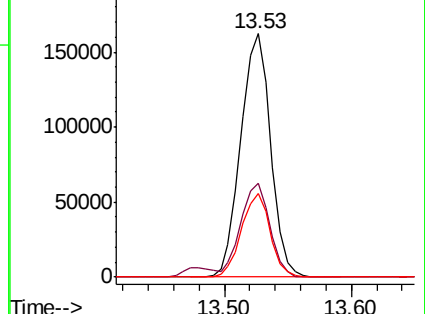
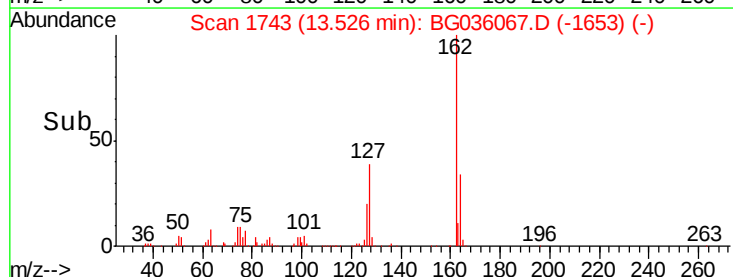
164 34.4 26.0 39.0

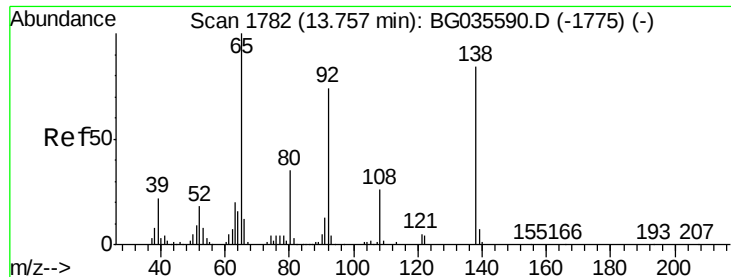


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

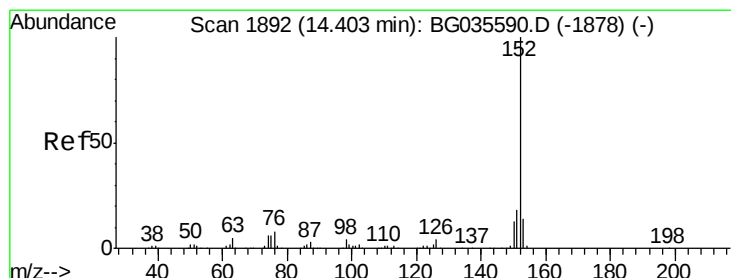
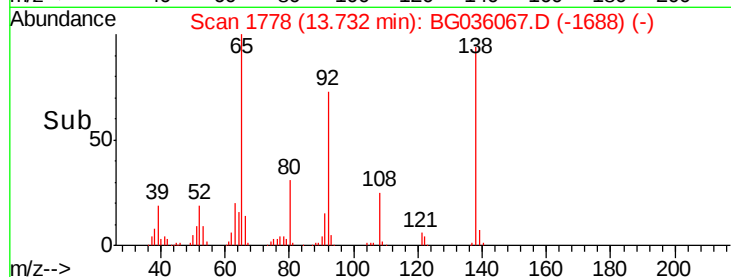
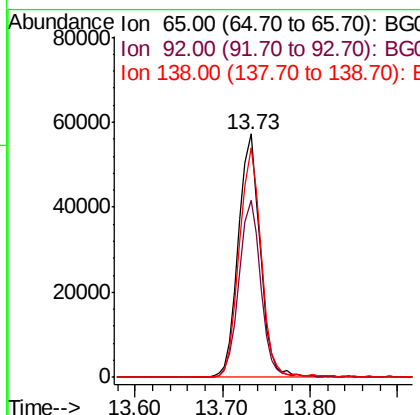
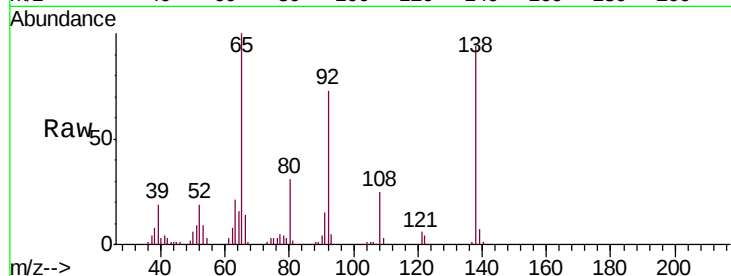




#47
2-Nitroaniline
Concen: 51.221 ng
RT: 13.73 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

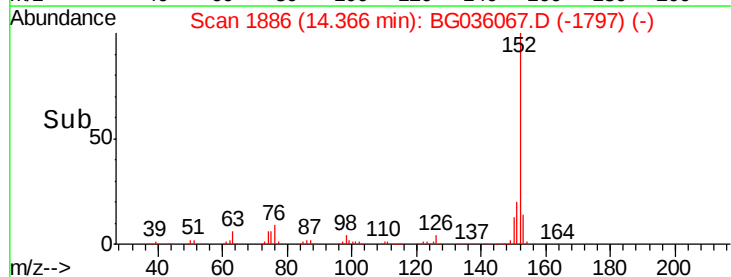
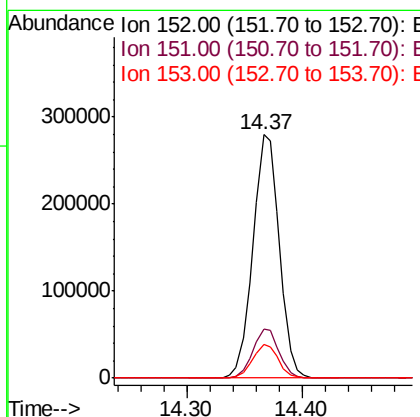
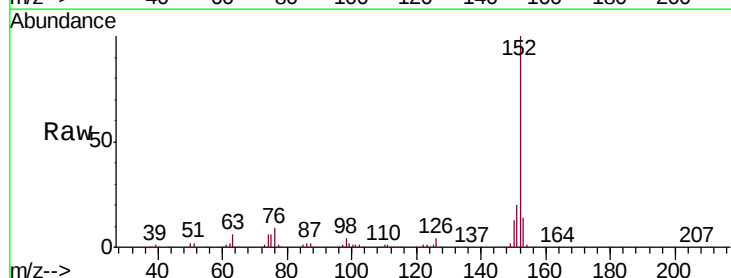
Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

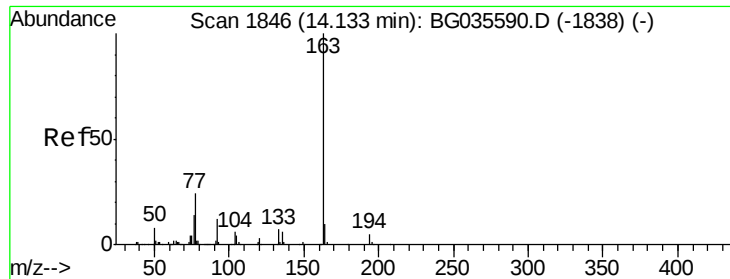
Tgt Ion: 65 Resp: 95901
Ion Ratio Lower Upper
65 100
92 72.9 54.6 82.0
138 94.4 72.9 109.3



#48
Acenaphthylene
Concen: 50.231 ng
RT: 14.37 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion: 152 Resp: 445616
Ion Ratio Lower Upper
152 100
151 20.0 17.2 25.8
153 13.8 10.2 15.4





#49

Dimethylphthalate

Concen: 49.583 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

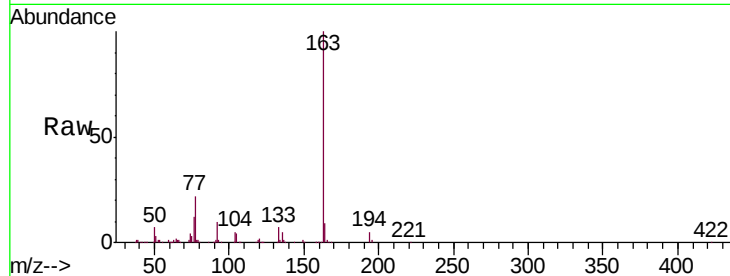
Tgt Ion:163 Resp: 381504

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

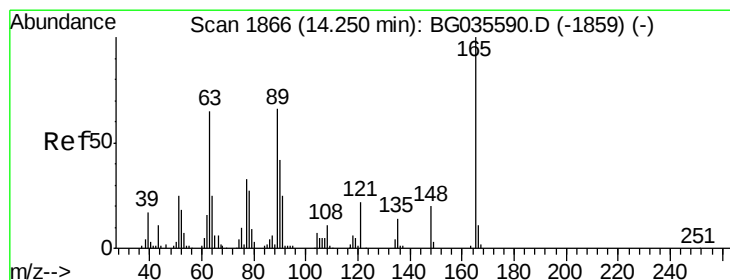
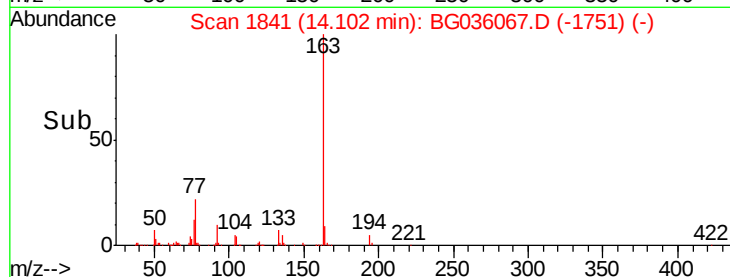
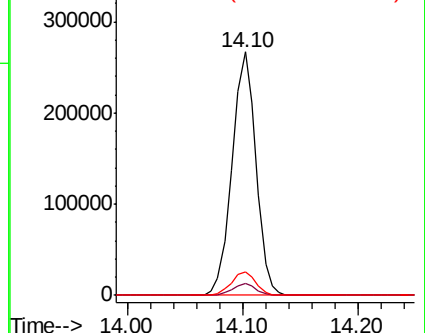
164 9.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 55.152 ng

RT: 14.22 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

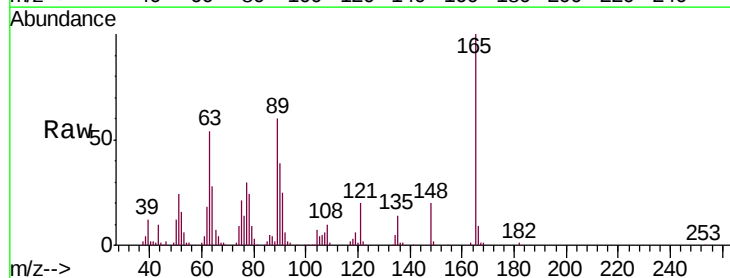
Tgt Ion:165 Resp: 86414

Ion Ratio Lower Upper

165 100

63 53.8 52.7 79.1

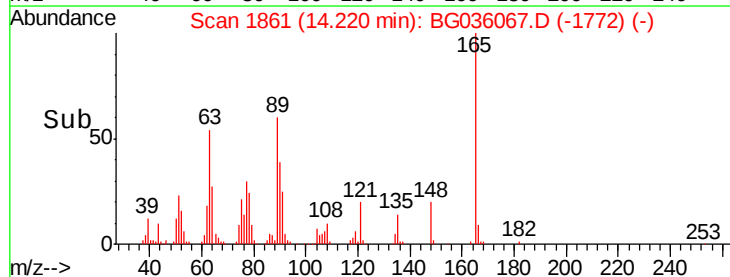
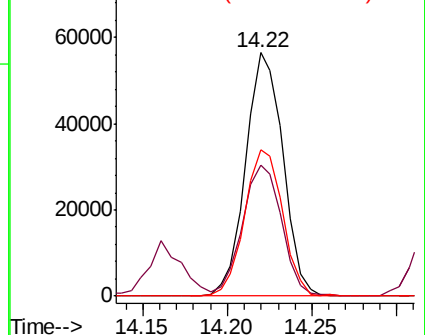
89 60.0 49.2 73.8

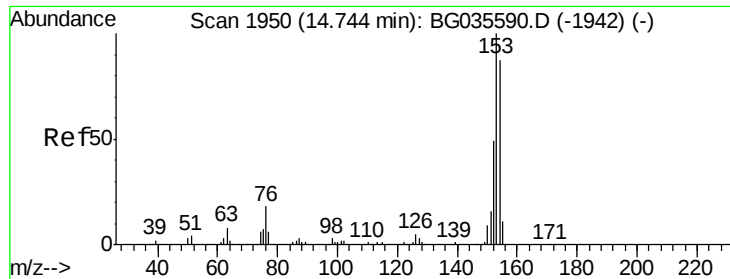


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 47.592 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

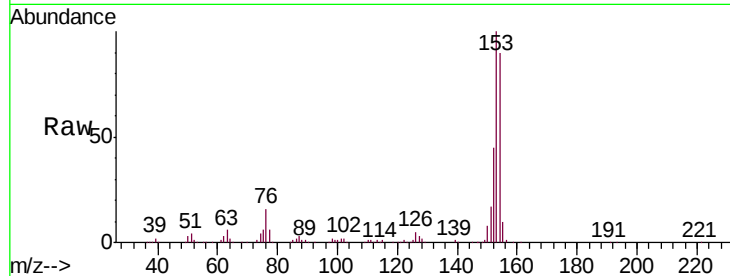
Tgt Ion:154 Resp: 263006

Ion Ratio Lower Upper

154 100

153 111.3 90.4 135.6

152 50.4 41.6 62.4

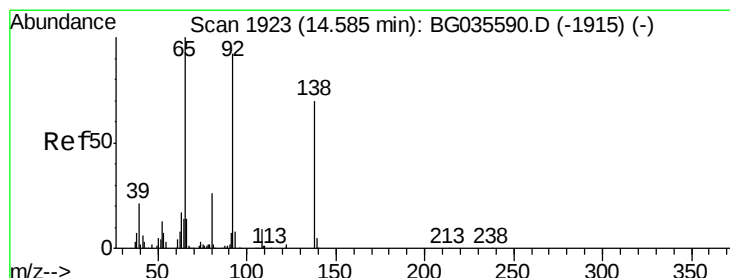
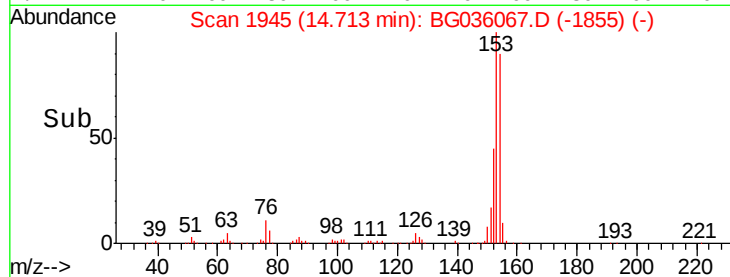
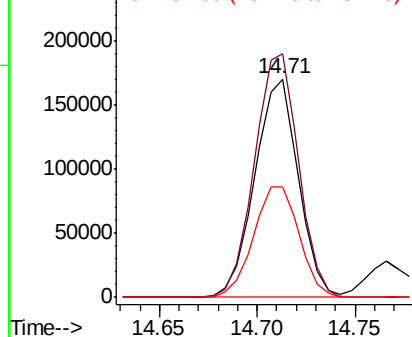


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.483 ng

RT: 14.55 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

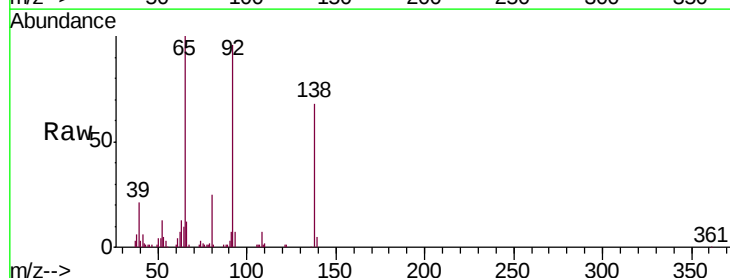
Tgt Ion:138 Resp: 47215

Ion Ratio Lower Upper

138 100

108 10.6 17.5 26.3#

92 141.4 105.8 158.8

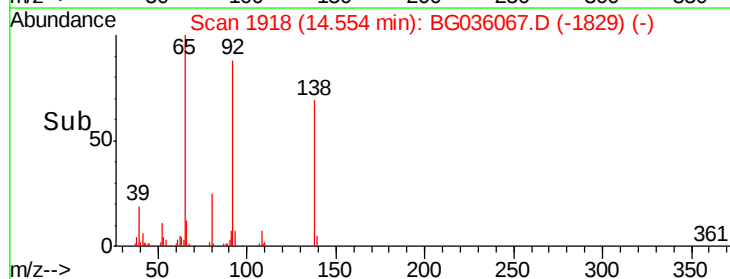
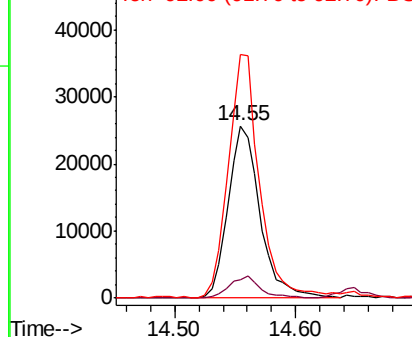


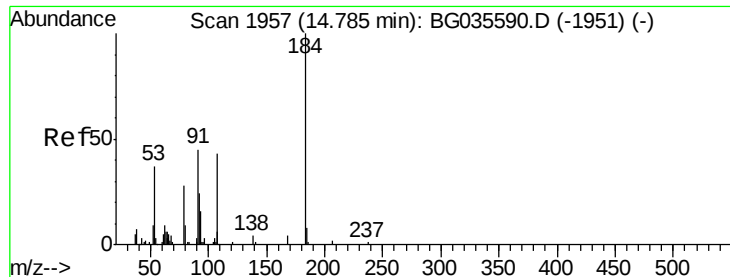
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

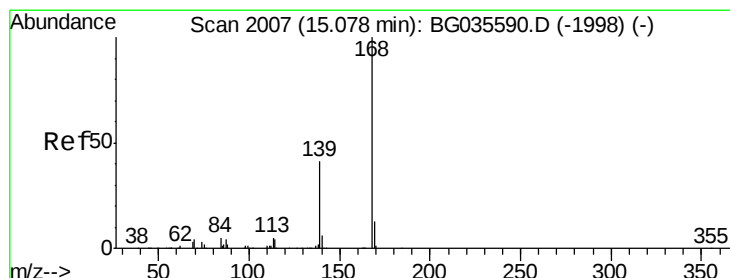
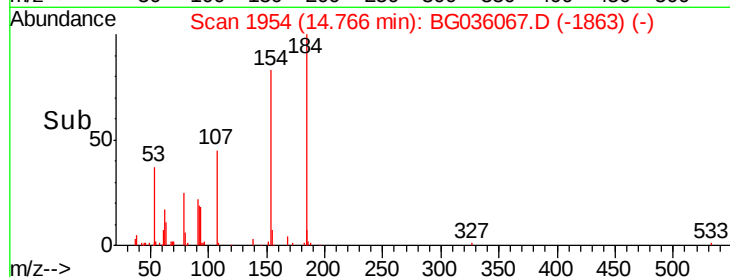
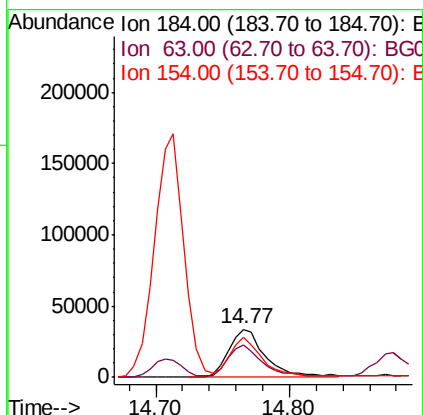
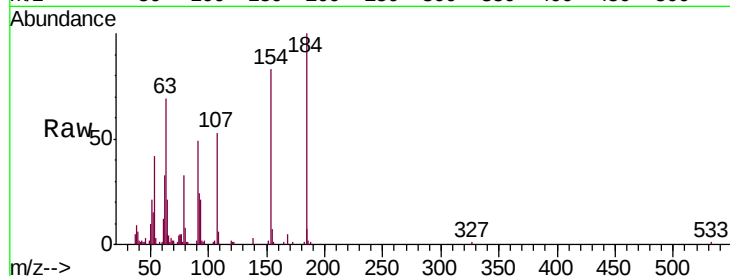




#53
2,4-Dinitrophenol
Concen: 79.669 ng
RT: 14.77 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

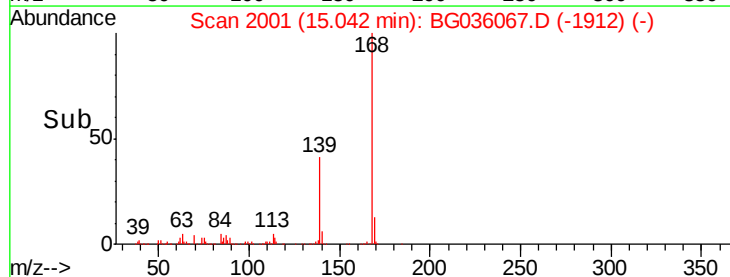
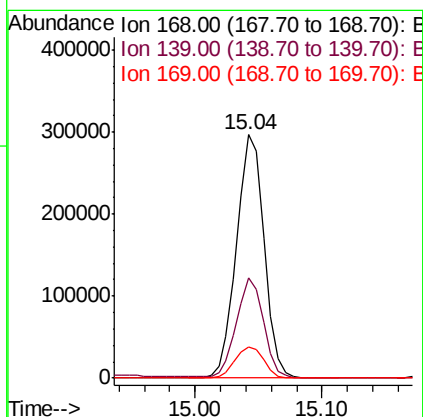
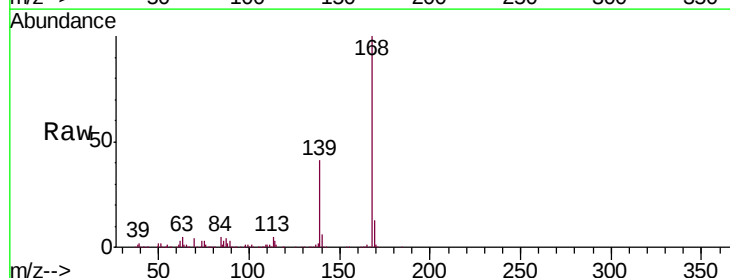
Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Tgt Ion:184 Resp: 64168
Ion Ratio Lower Upper
184 100
63 69.0 59.8 89.8
154 83.5 101.8 152.8#



#54
Dibenzofuran
Concen: 50.751 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion:168 Resp: 446045
Ion Ratio Lower Upper
168 100
139 41.2 28.6 43.0
169 13.0 11.2 16.8





#55

4-Nitrophenol

Concen: 86.328 ng

RT: 14.88 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

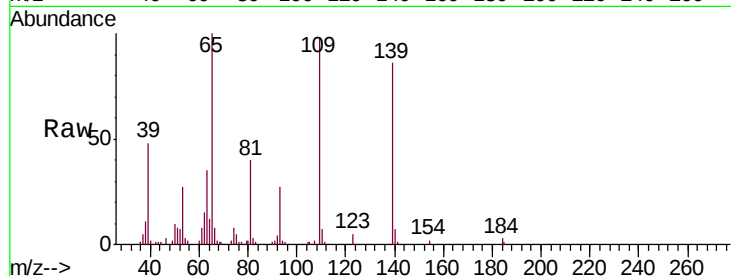
Tgt Ion:139 Resp: 98454

Ion Ratio Lower Upper

139 100

109 114.5 62.2 102.2#

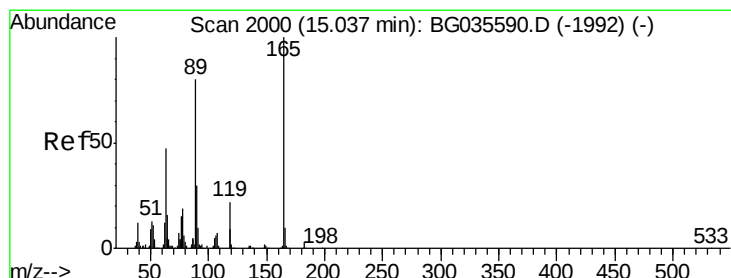
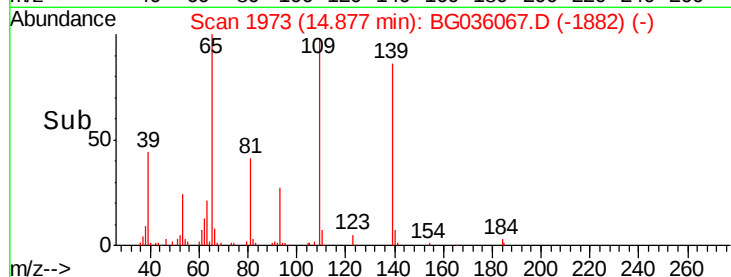
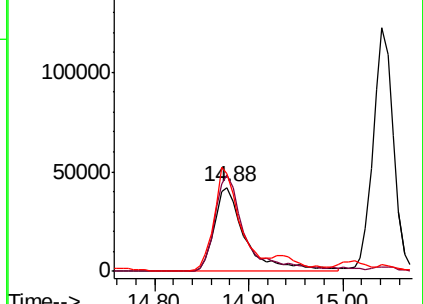
65 116.9 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 57.922 ng

RT: 15.01 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion:165 Resp: 130200

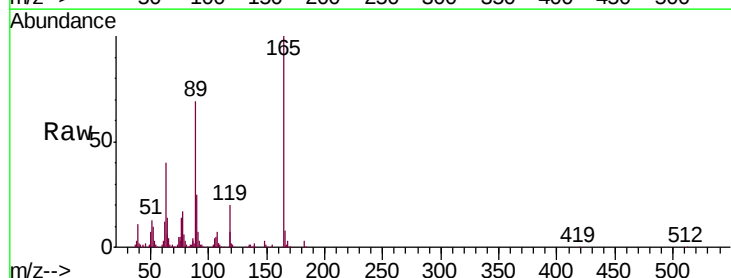
Ion Ratio Lower Upper

165 100

63 40.2 42.0 63.0#

89 68.8 66.9 100.3

182 2.7 2.6 3.8

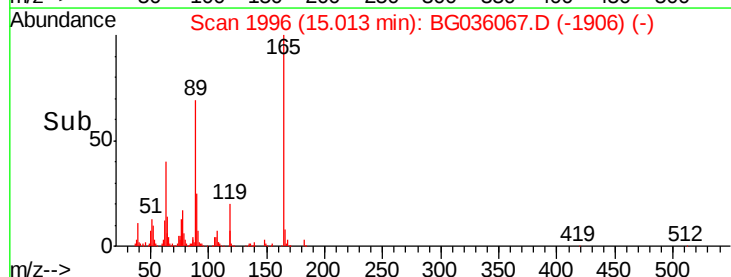
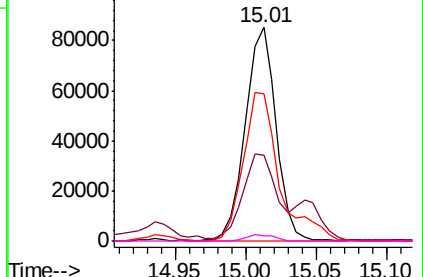


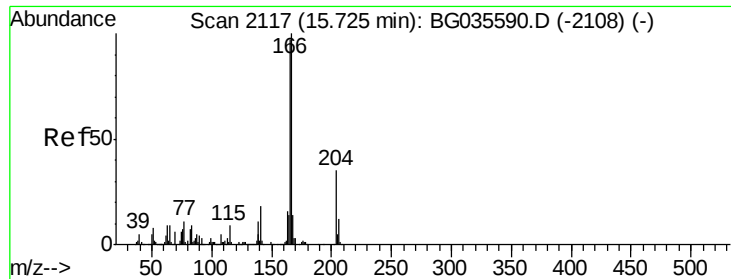
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 50.999 ng

RT: 15.69 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

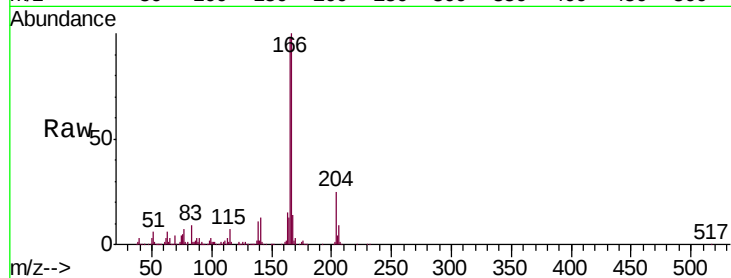
Tgt Ion:166 Resp: 375676

Ion Ratio Lower Upper

166 100

165 97.8 80.6 121.0

167 13.9 10.4 15.6

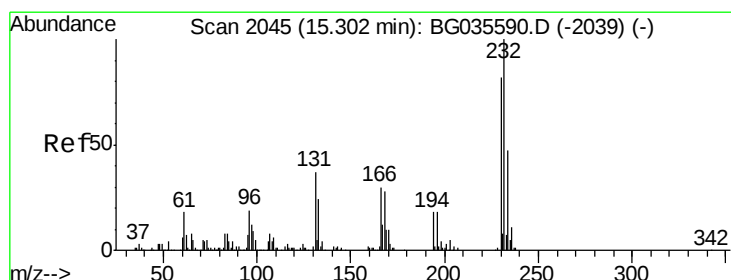
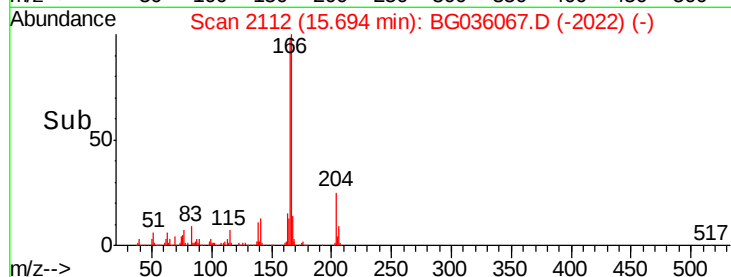
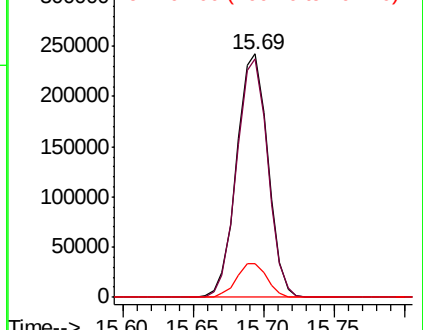


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 59.862 ng

RT: 15.27 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion:232 Resp: 124459

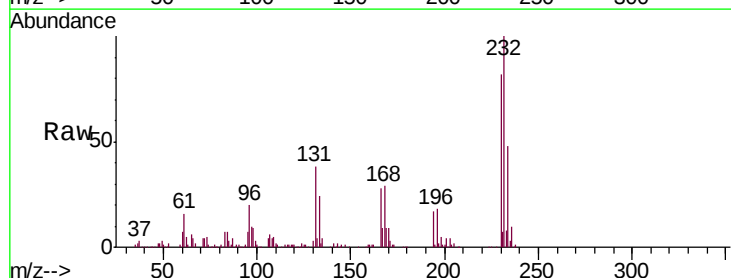
Ion Ratio Lower Upper

232 100

131 34.9 33.5 50.3

130 2.5 2.2 3.2

166 26.2 24.8 37.2



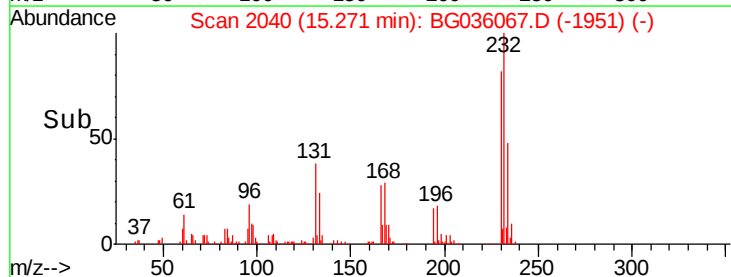
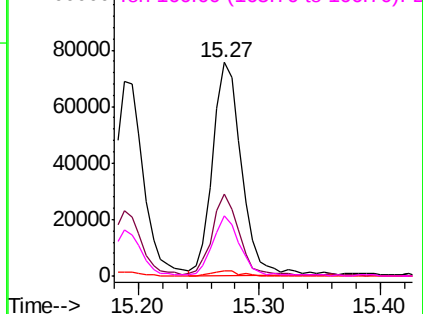
Abundance

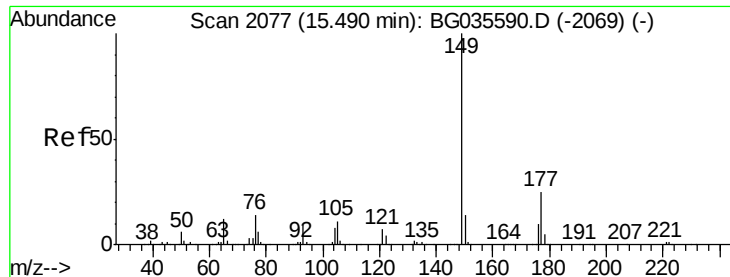
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

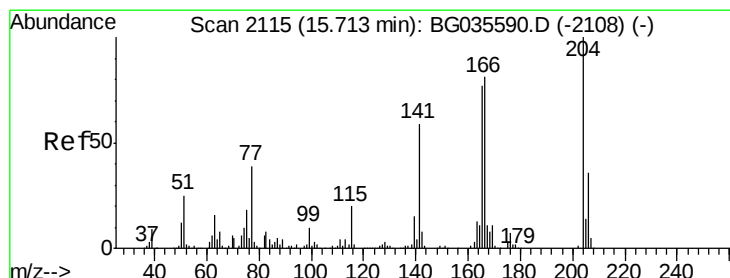
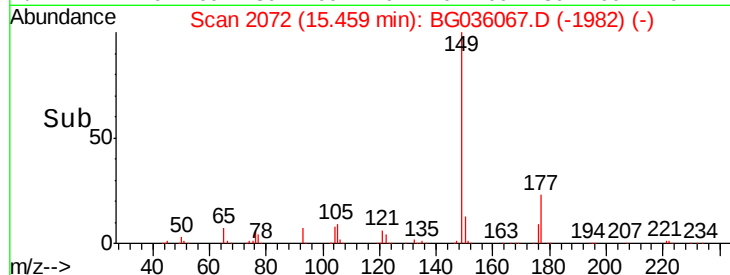
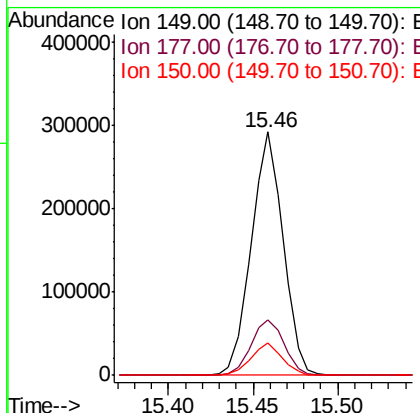
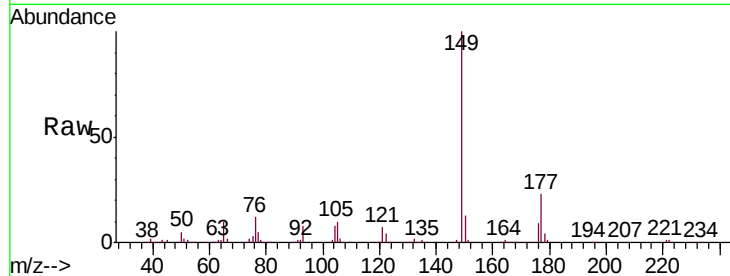




#59
Diethylphthalate
Concen: 48.526 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

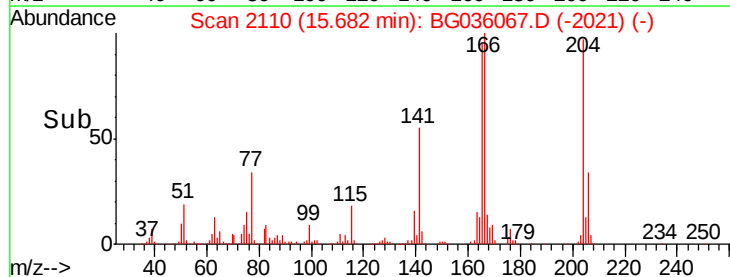
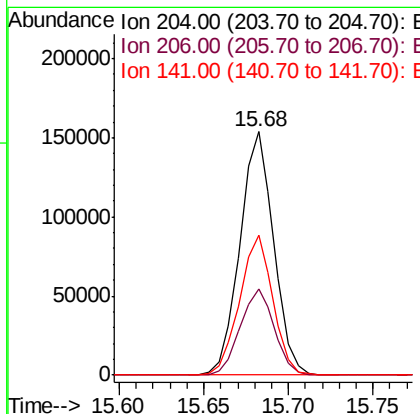
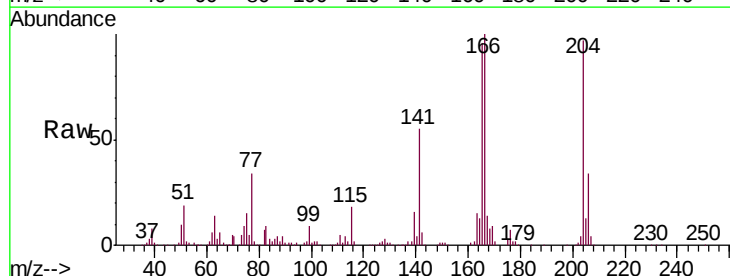
Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

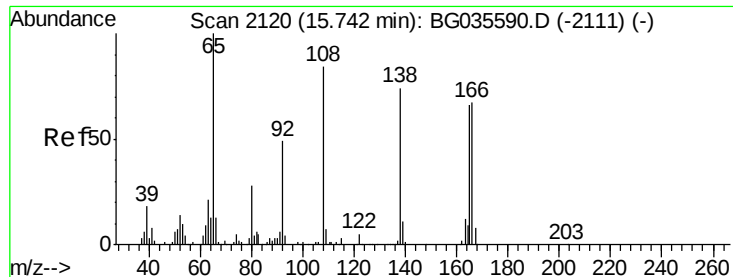
Tgt Ion:149 Resp: 383919
Ion Ratio Lower Upper
149 100
177 22.7 18.5 27.7
150 13.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 49.347 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion:204 Resp: 213651
Ion Ratio Lower Upper
204 100
206 35.3 26.2 39.2
141 57.3 45.8 68.6

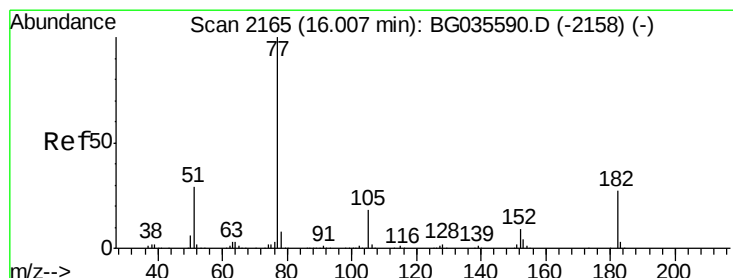
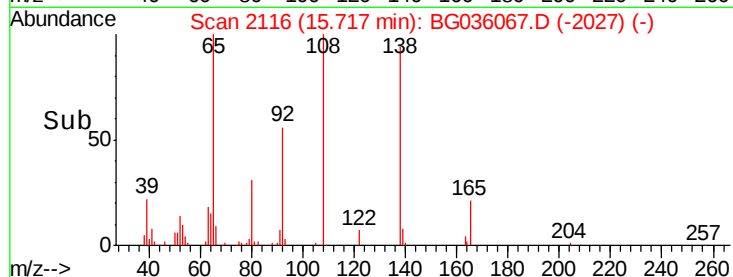
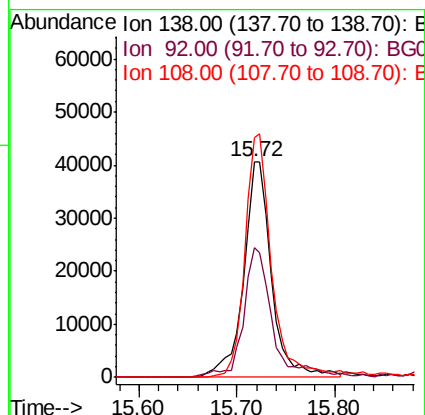
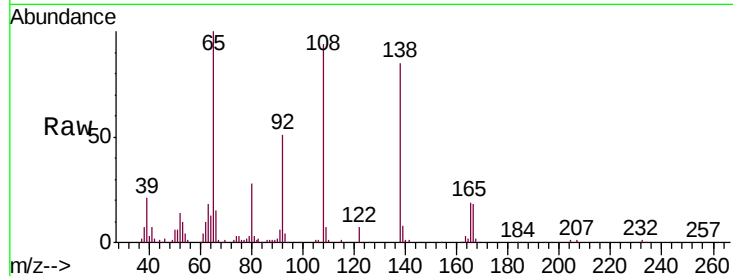




#61
4-Nitroaniline
Concen: 48.583 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

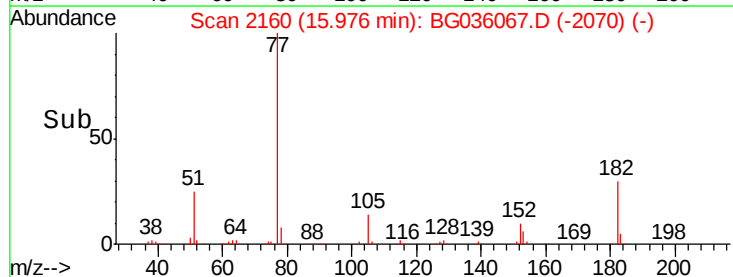
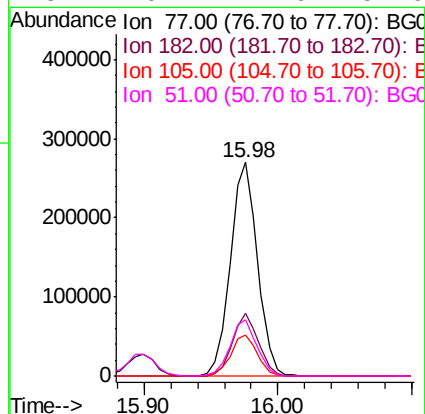
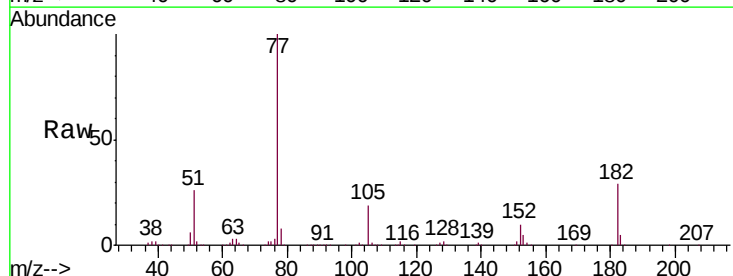
Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Tgt Ion: 138 Resp: 81384
Ion Ratio Lower Upper
138 100
92 60.2 40.1 80.1
108 110.8 65.4 105.4#



#62
Azobenzene
Concen: 48.913 ng
RT: 15.98 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion: 77 Resp: 381716
Ion Ratio Lower Upper
77 100
182 29.4 7.4 47.4
105 19.4 0.3 40.3
51 26.1 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

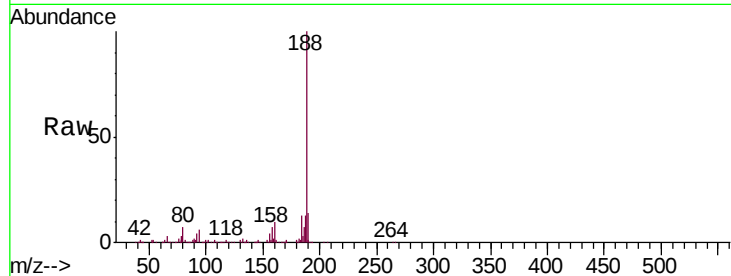
Tgt Ion:188 Resp: 243401

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

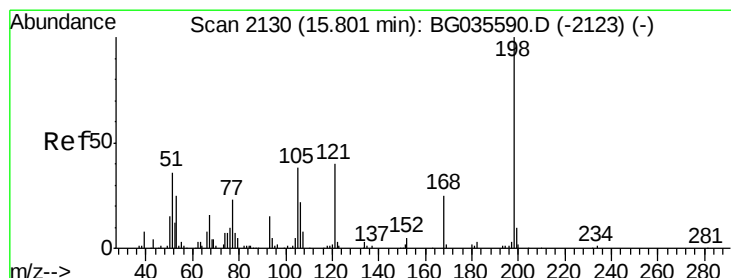
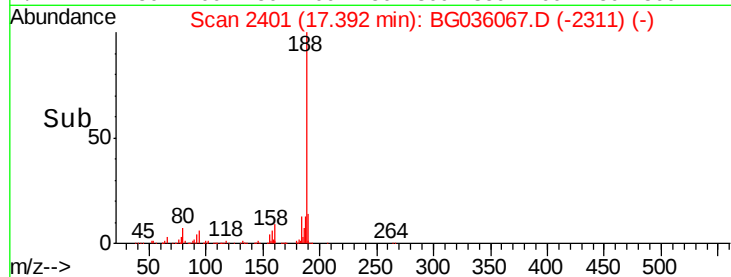
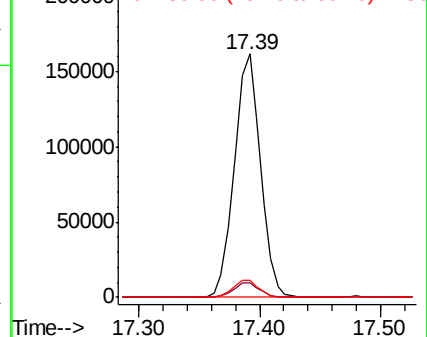
80 7.2 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 51.627 ng

RT: 15.78 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

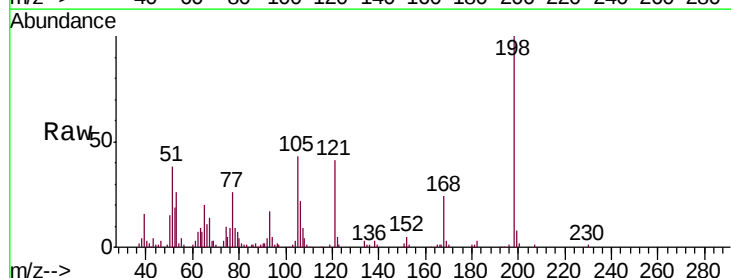
Tgt Ion:198 Resp: 69951

Ion Ratio Lower Upper

198 100

51 38.2 30.6 70.6

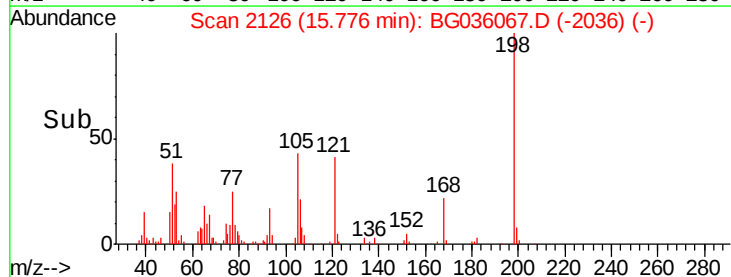
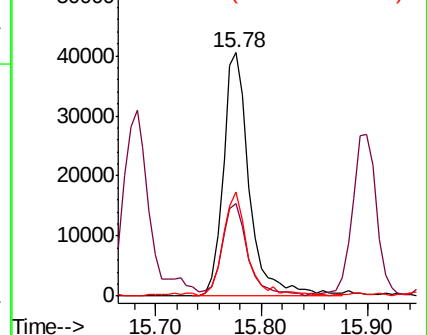
105 42.8 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

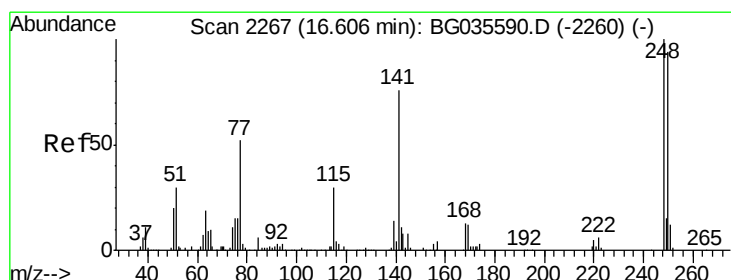
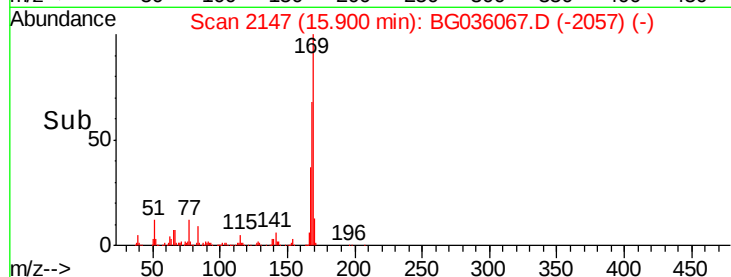
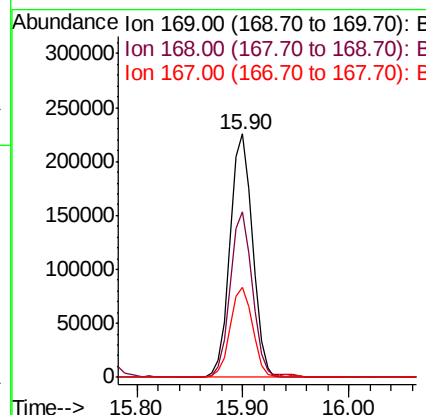
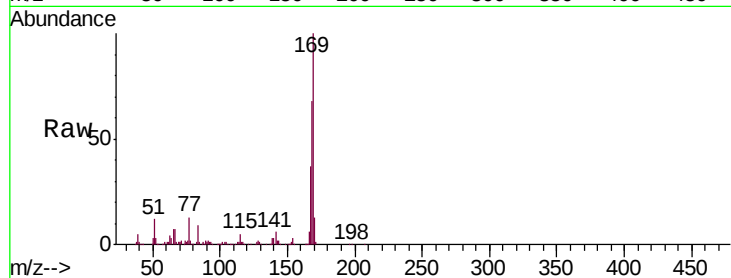




#65
 n-Nitrosodiphenylamine
 Concen: 47.856 ng
 RT: 15.90 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

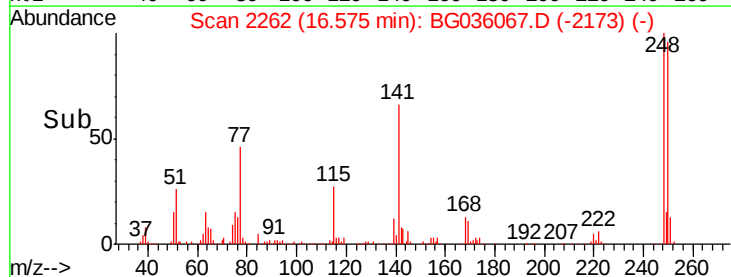
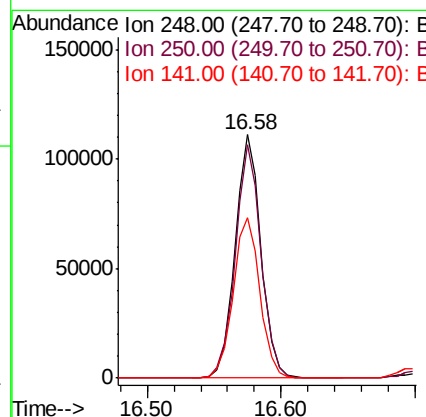
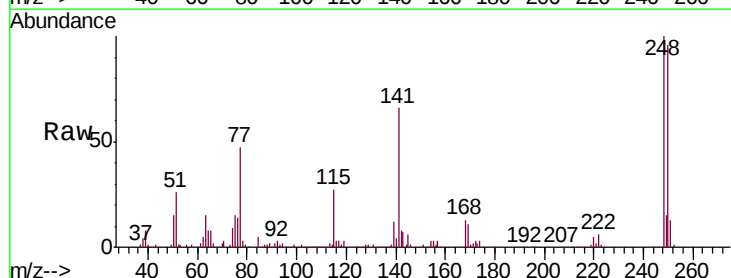
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

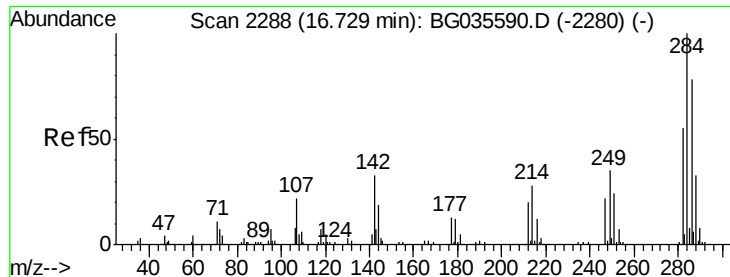
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.8	55.7	83.5
167	36.8	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 52.943 ng
 RT: 16.58 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.1	115.7
141	66.0	50.8	76.2

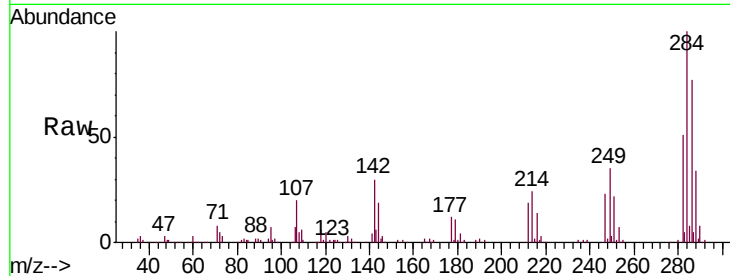




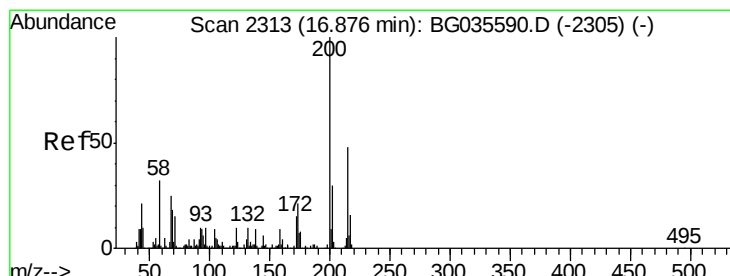
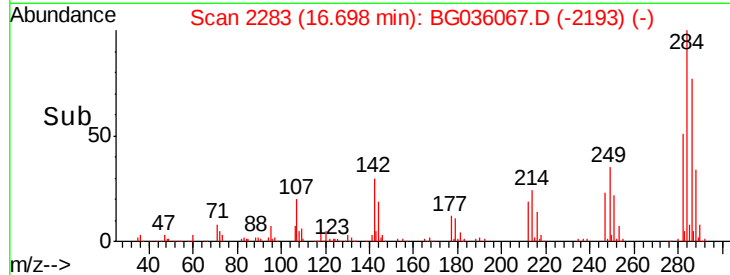
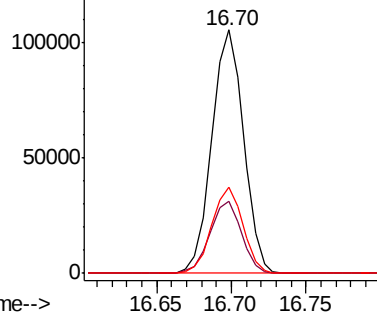
#67
Hexachlorobenzene
Concen: 53.310 ng
RT: 16.70 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Tgt Ion: 284 Resp: 155028
Ion Ratio Lower Upper
284 100
142 29.5 26.8 40.2
249 35.5 26.3 39.5

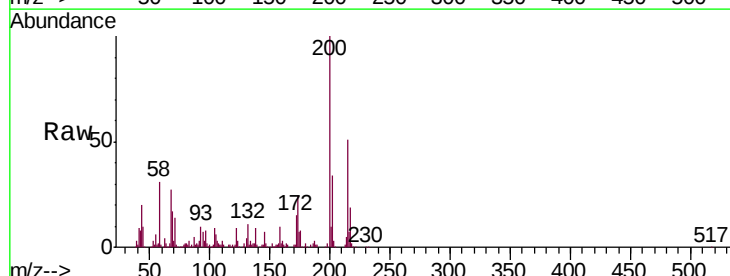


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

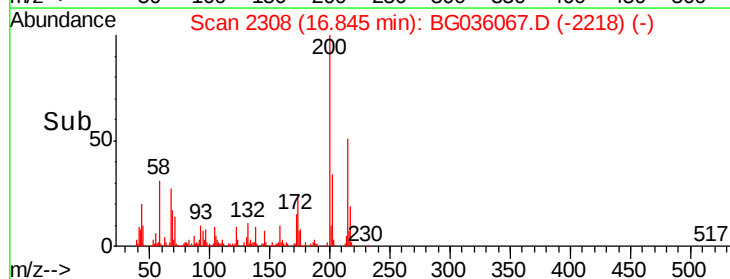
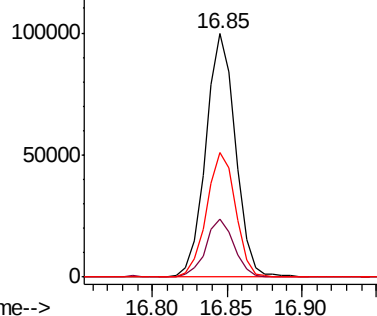


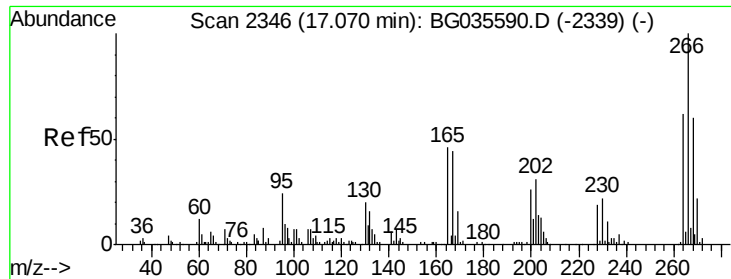
#68
Atrazine
Concen: 48.241 ng
RT: 16.85 min Scan# 2308
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion: 200 Resp: 137608
Ion Ratio Lower Upper
200 100
173 23.7 5.2 45.2
215 51.0 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

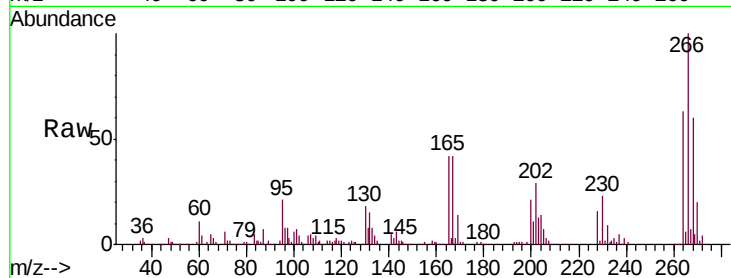




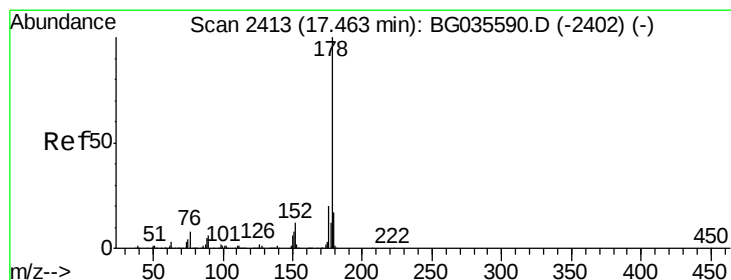
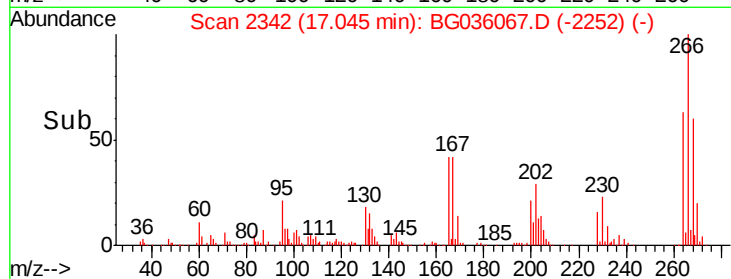
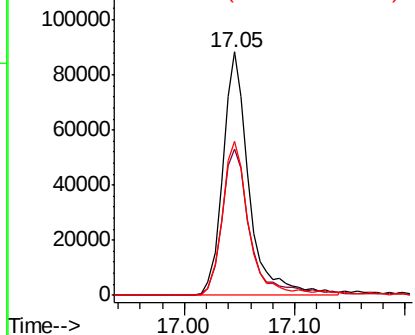
#69
 Pentachlorophenol
 Concen: 82.833 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

Tgt Ion:266 Resp: 146720
 Ion Ratio Lower Upper
 266 100
 268 60.0 51.1 76.7
 264 63.4 49.6 74.4

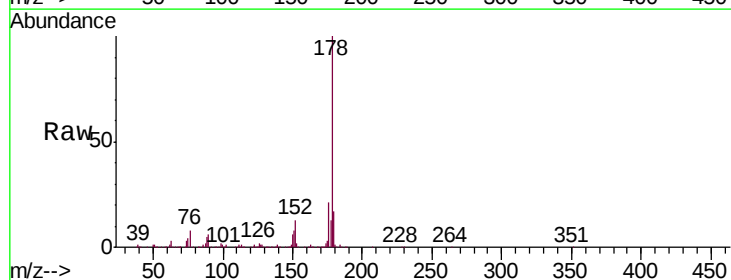


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

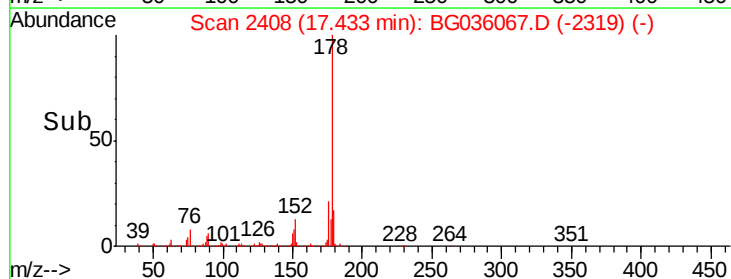
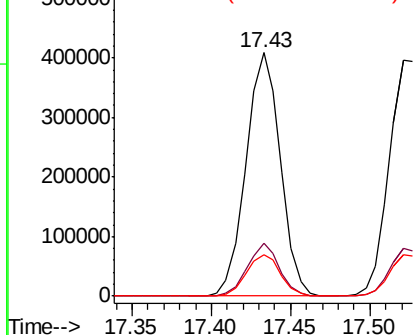


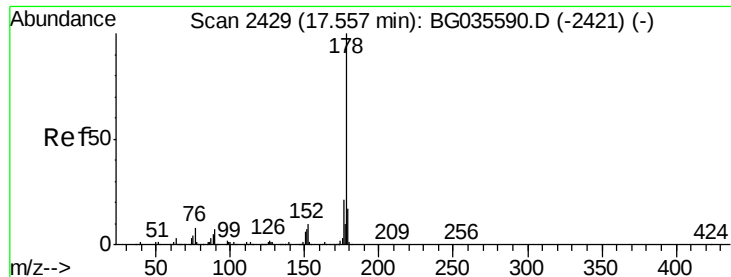
#70
 Phenanthrene
 Concen: 50.600 ng
 RT: 17.43 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Tgt Ion:178 Resp: 614551
 Ion Ratio Lower Upper
 178 100
 176 21.5 15.7 23.5
 179 17.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

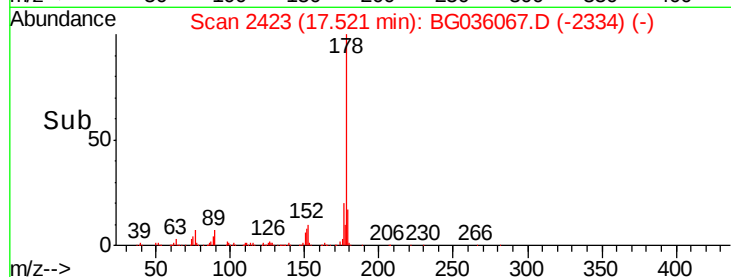
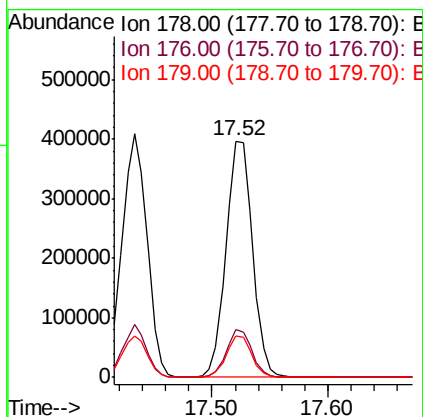
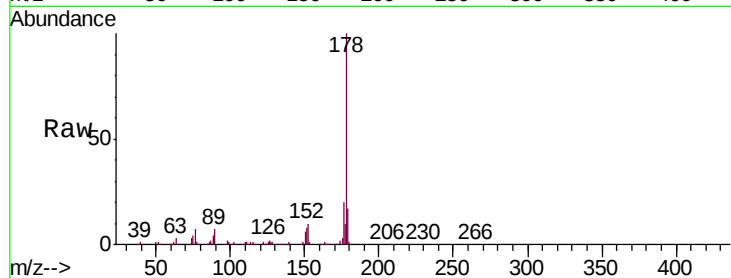




#71
 Anthracene
 Concen: 52.127 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

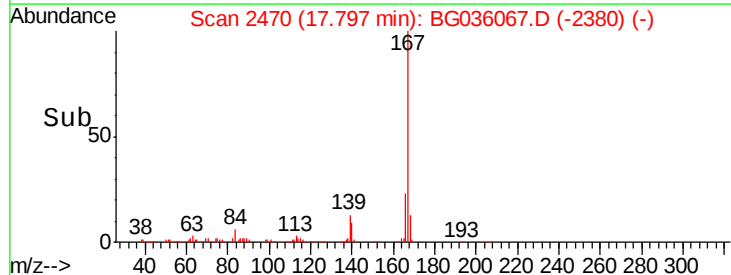
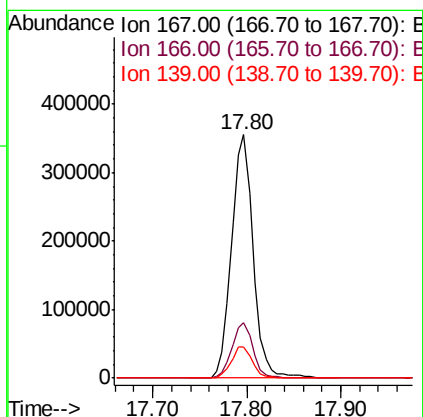
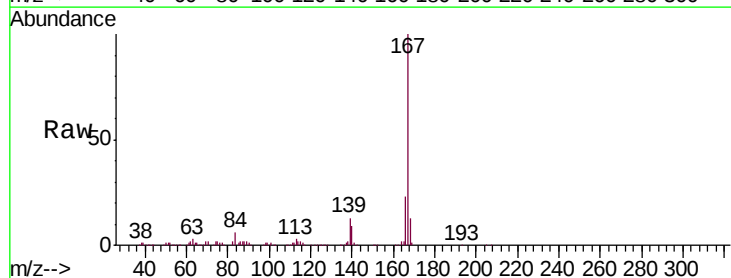
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

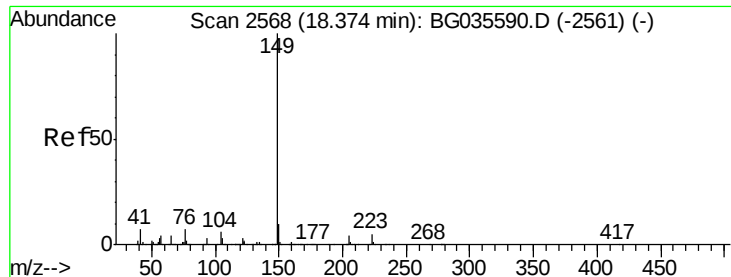
Tgt Ion:178 Resp: 630388
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 17.3 12.5 18.7



#72
 Carbazole
 Concen: 49.435 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Tgt Ion:167 Resp: 567757
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.4
 139 12.6 9.4 14.2





#73

Di-n-butylphthalate

Concen: 48.991 ng

RT: 18.34 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

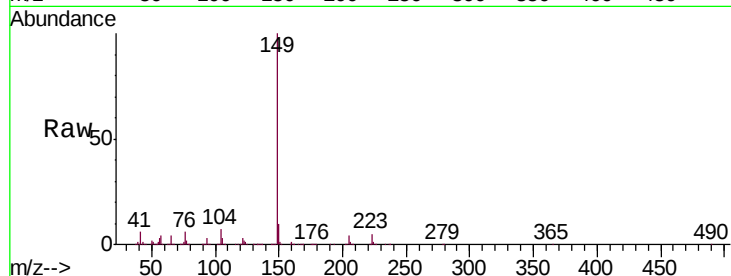
Tgt Ion:149 Resp: 664902

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

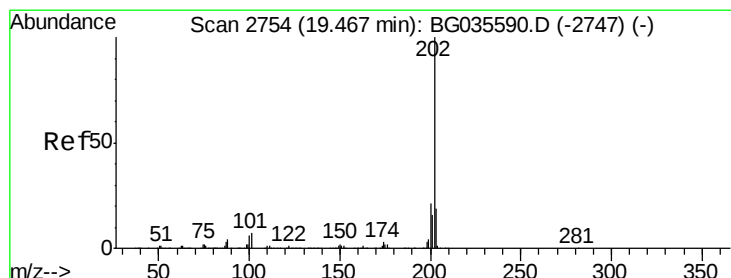
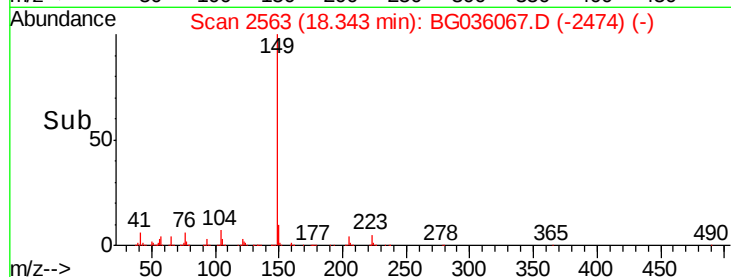
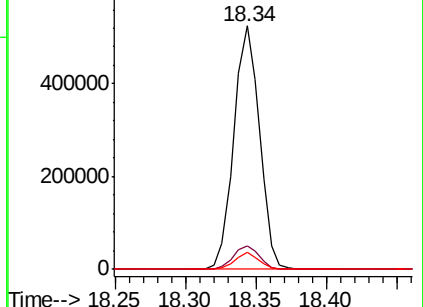
104 6.8 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 50.185 ng

RT: 19.44 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

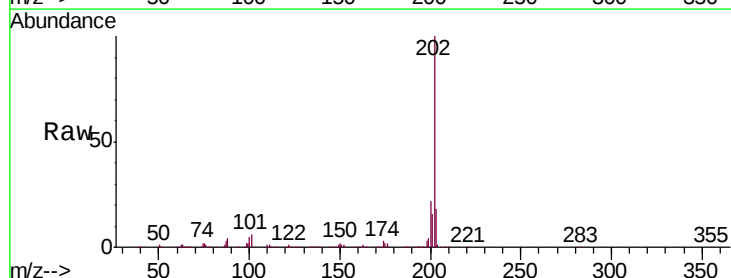
Tgt Ion:202 Resp: 821006

Ion Ratio Lower Upper

202 100

101 6.2 0.0 28.9

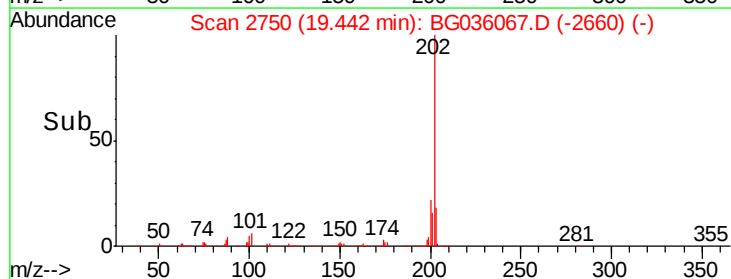
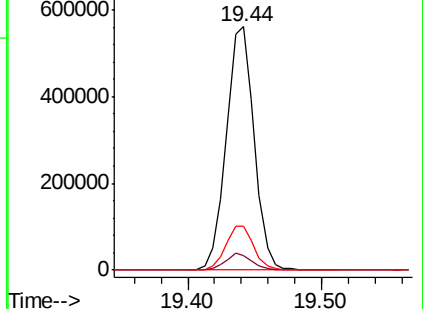
203 18.2 0.0 37.5

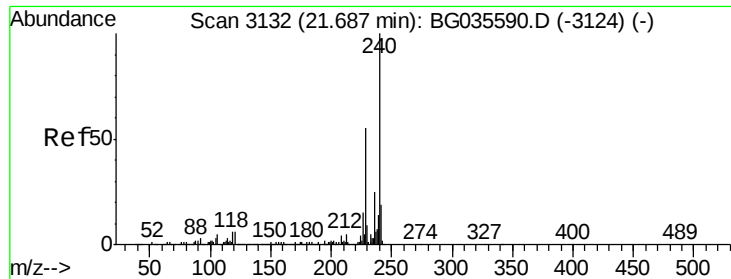


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

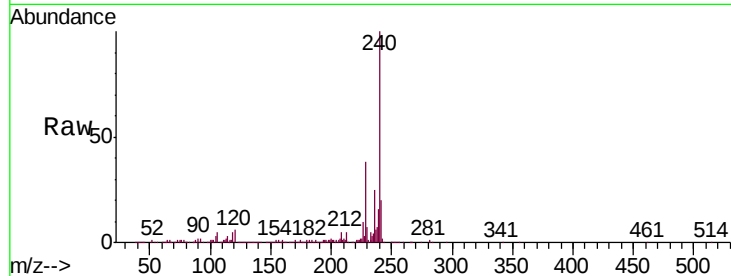
Tgt Ion:240 Resp: 271242

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

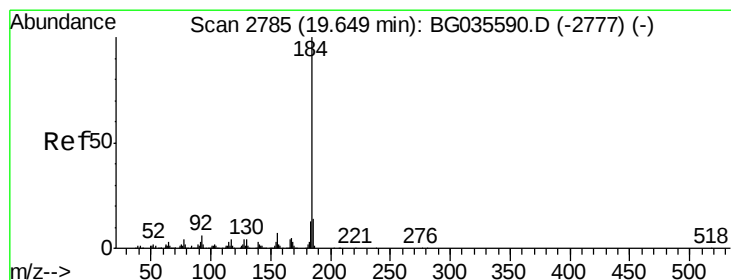
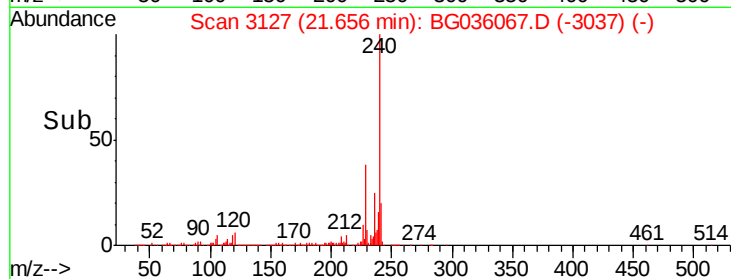
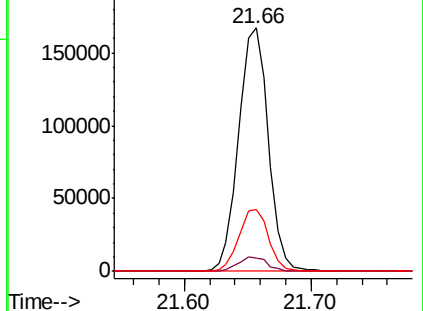
236 25.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 6.874 ng

RT: 19.63 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

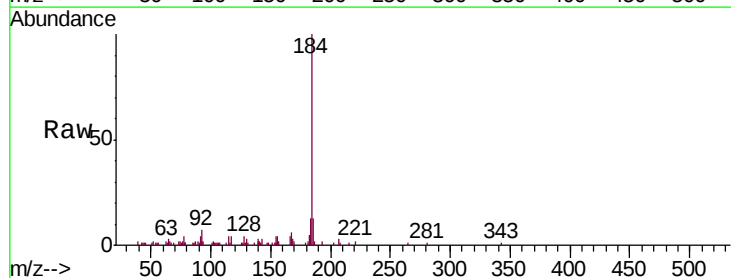
Tgt Ion:184 Resp: 49018

Ion Ratio Lower Upper

184 100

185 12.9 11.1 16.7

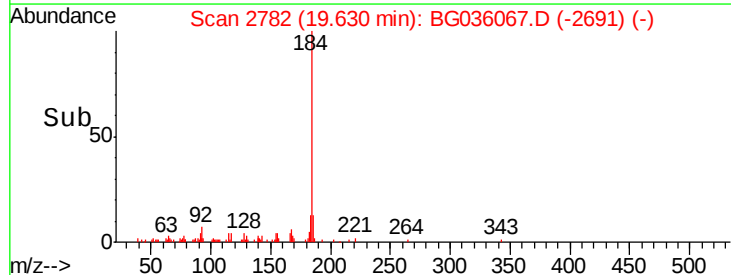
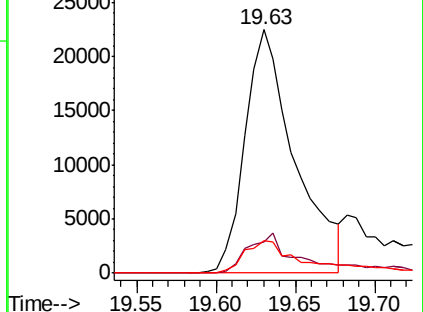
183 13.1 10.6 16.0

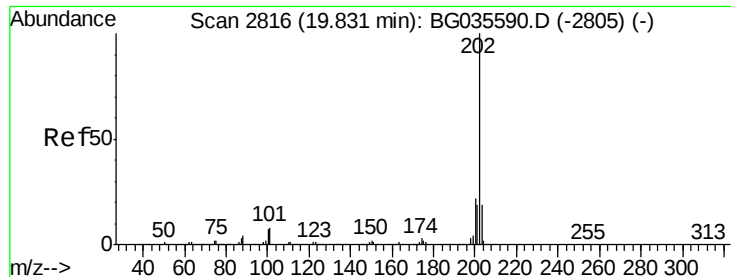


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

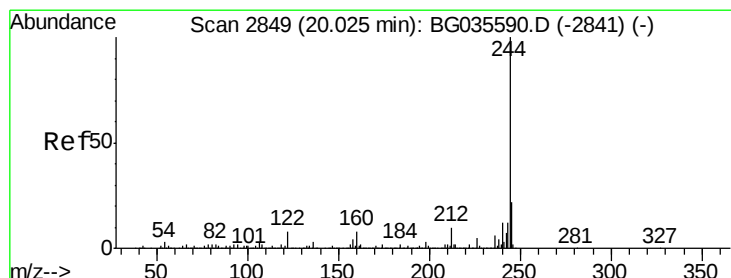
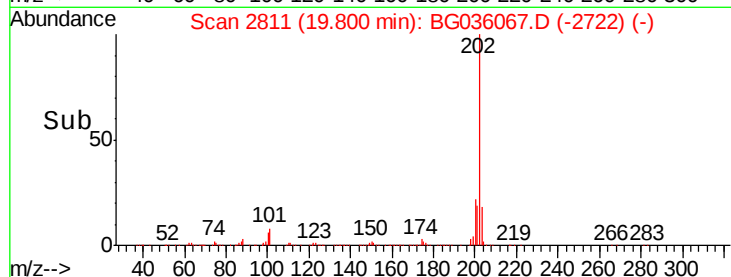
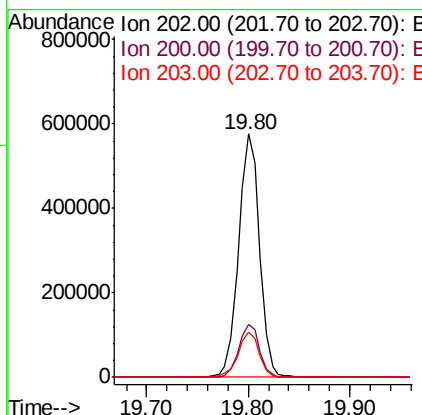
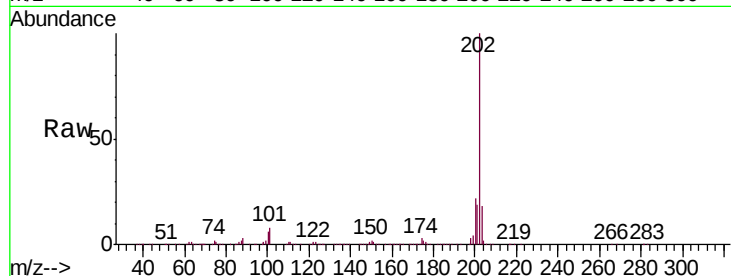




#77
 Pyrene
 Concen: 48.197 ng
 RT: 19.80 min Scan# 2811
 Delta R.T. -0.01 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

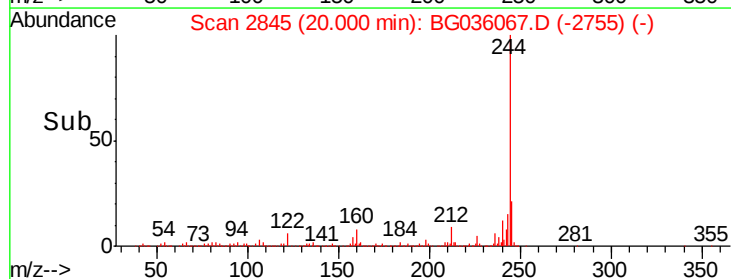
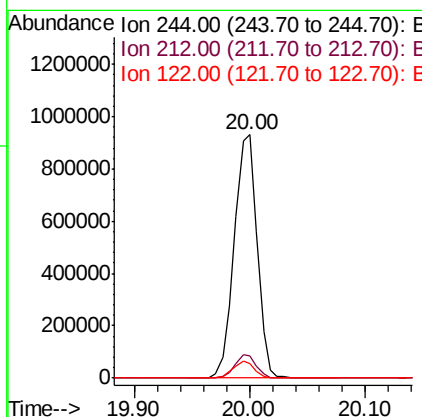
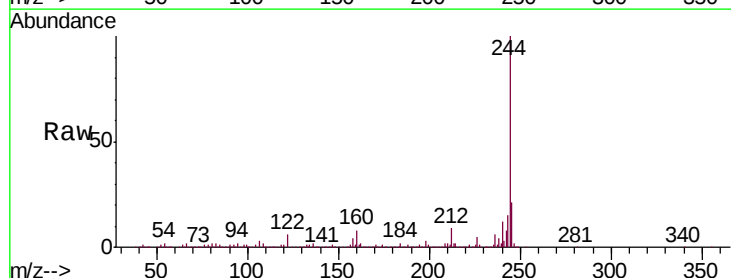
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

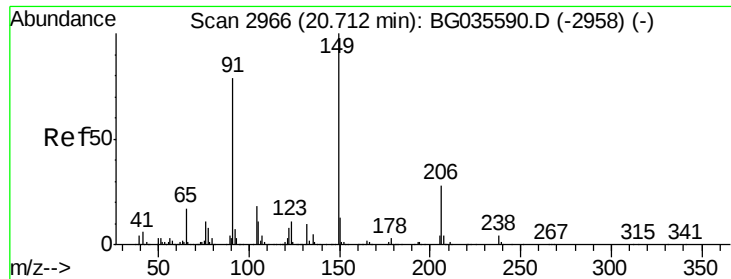
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	18.3	13.9	20.9



#78
 Terphenyl-d14
 Concen: 104.124 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	5.9	7.0	10.4#

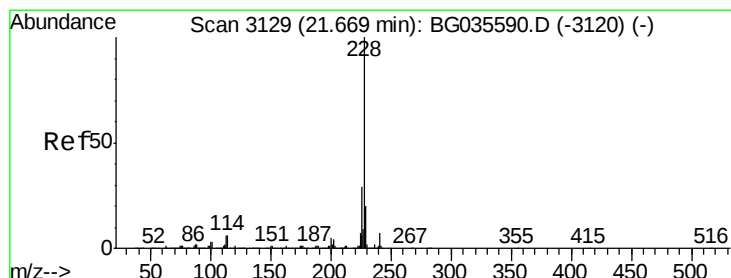
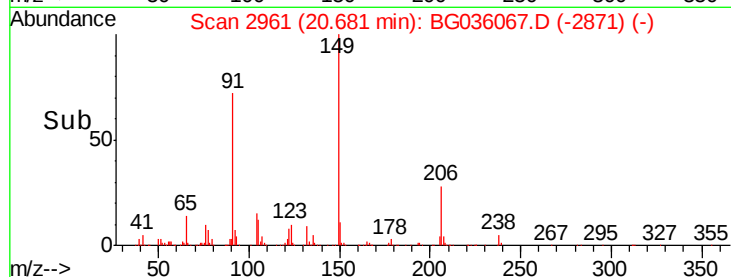
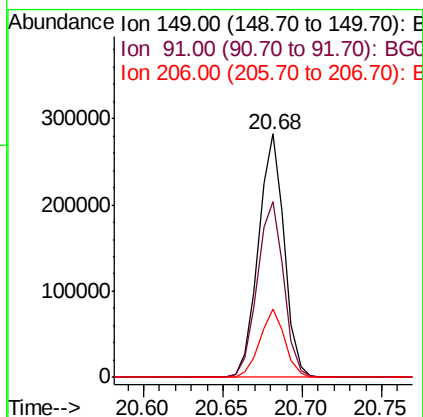
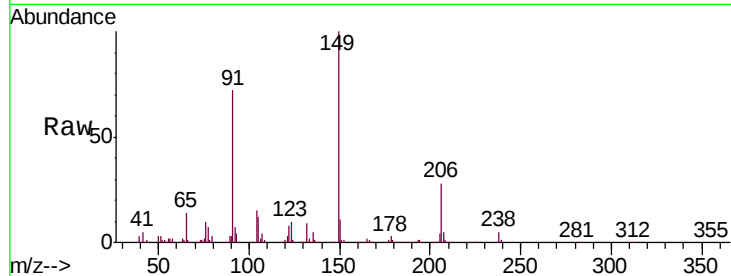




#79
Butylbenzylphthalate
Concen: 52.222 ng
RT: 20.68 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

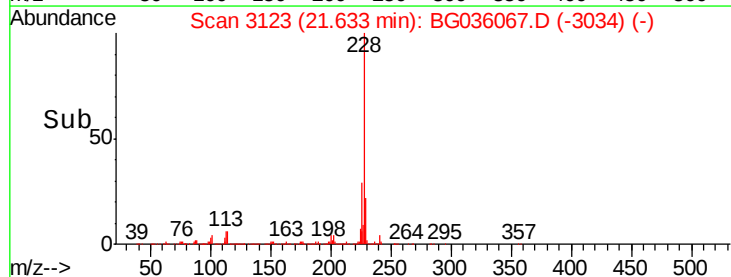
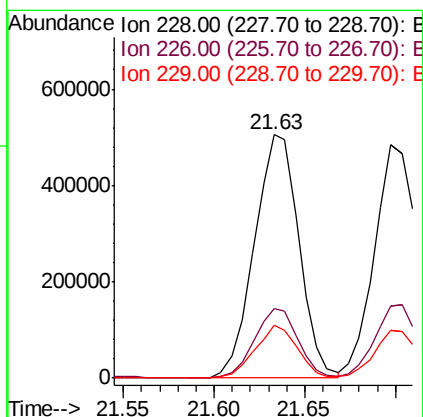
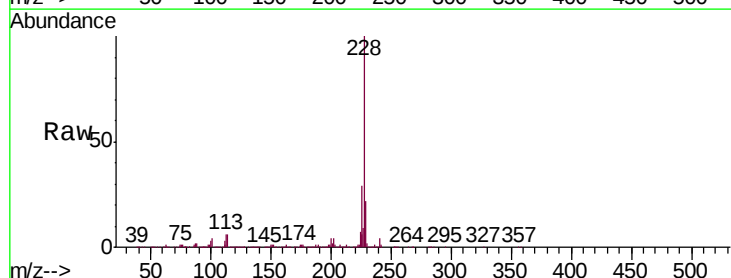
Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

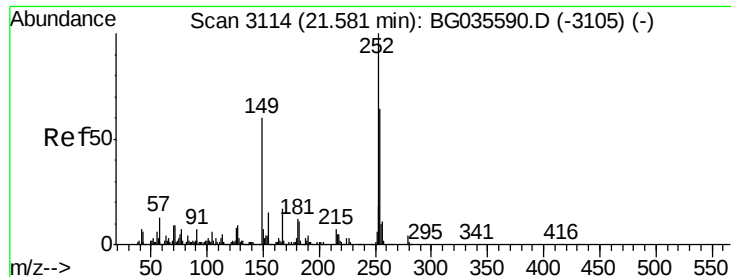
Tgt Ion:149 Resp: 320290
Ion Ratio Lower Upper
149 100
91 72.4 62.2 93.2
206 28.0 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 50.957 ng
RT: 21.63 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion:228 Resp: 861323
Ion Ratio Lower Upper
228 100
226 28.5 22.7 34.1
229 21.5 16.2 24.2

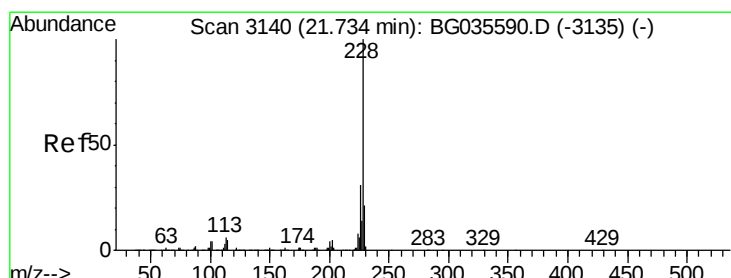
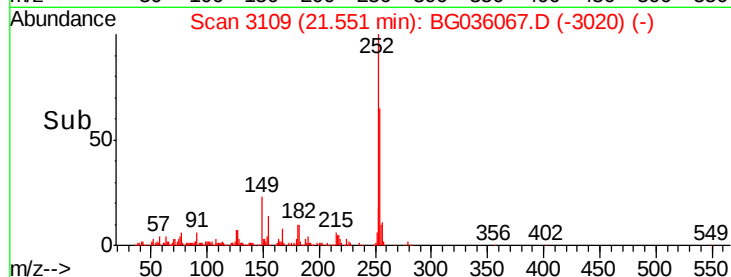
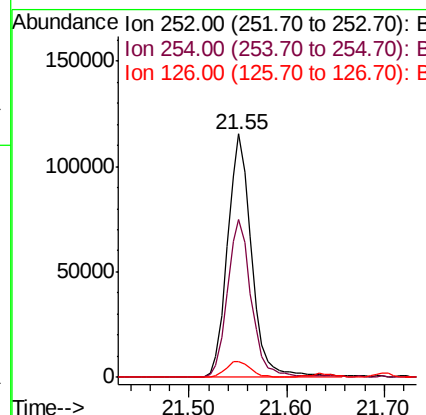
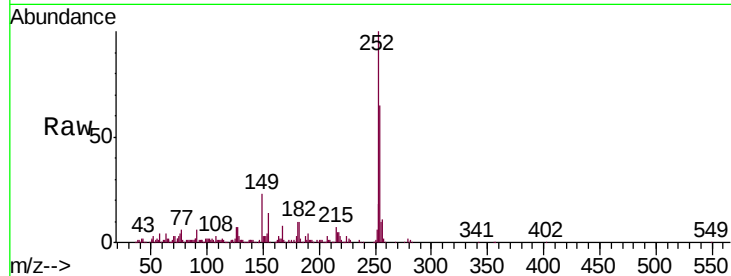




#81
 3,3'-Dichlorobenzidine
 Concen: 33.495 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

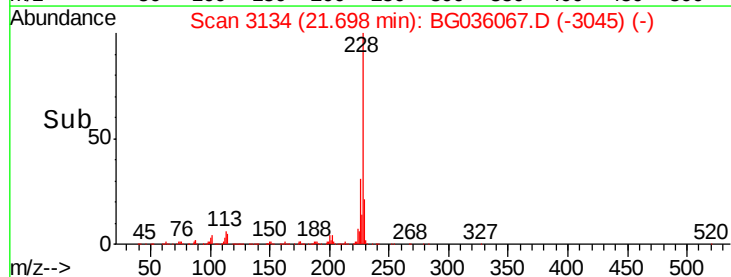
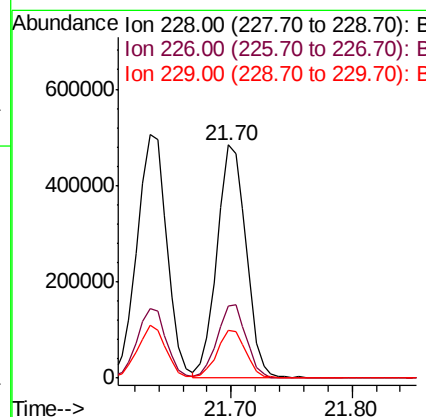
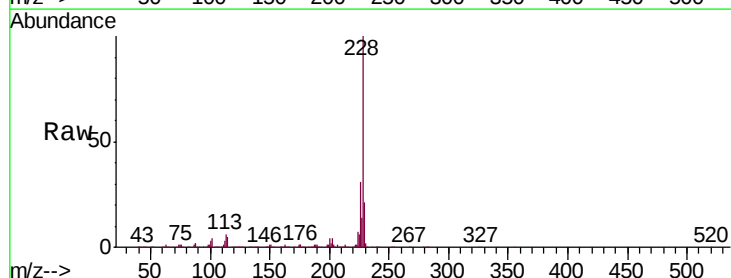
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

Tgt Ion:252 Resp: 197412
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.8 76.2
 126 6.7 7.4 11.2#



#82
 Chrysene
 Concen: 51.308 ng
 RT: 21.70 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Tgt Ion:228 Resp: 803664
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.9 37.3
 229 20.6 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.688 ng

RT: 21.53 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

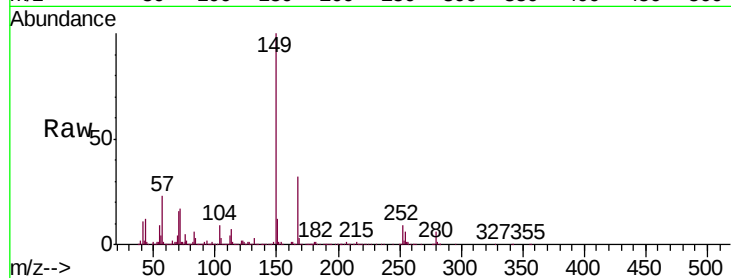
Tgt Ion:149 Resp: 430980

Ion Ratio Lower Upper

149 100

167 31.8 24.3 36.5

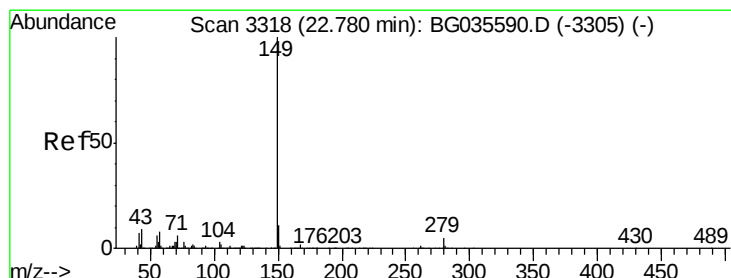
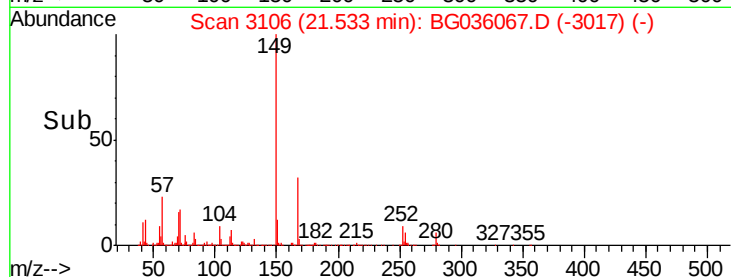
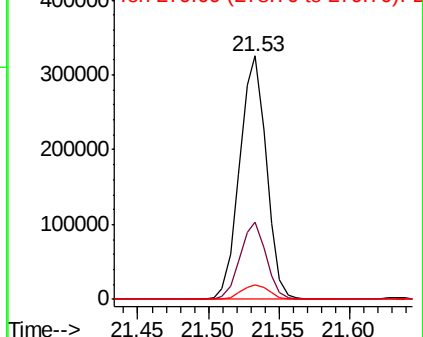
279 5.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.817 ng

RT: 22.73 min Scan# 3309

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

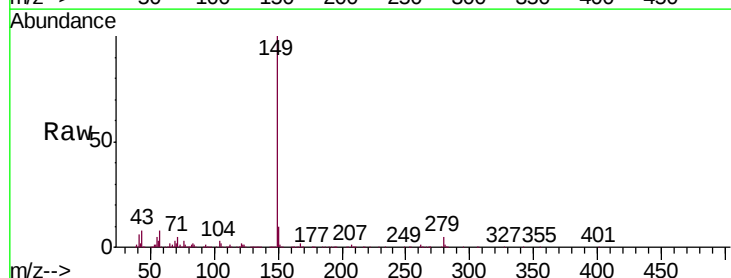
Tgt Ion:149 Resp: 737390

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

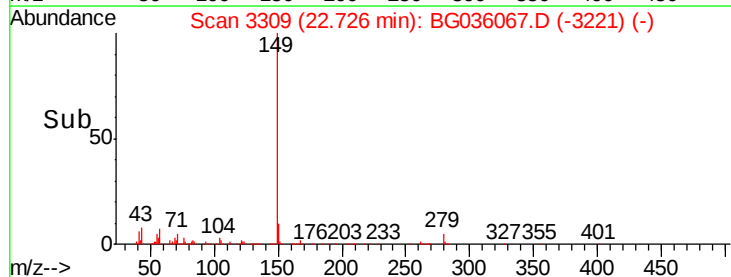
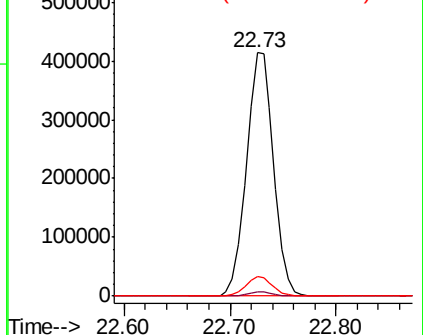
43 7.7 8.9 13.3#

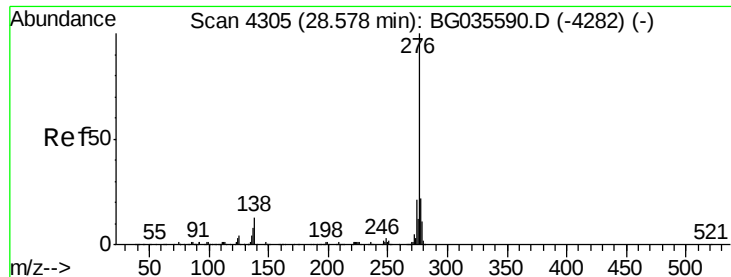


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

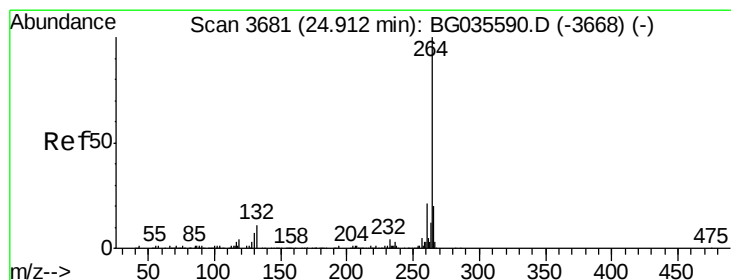
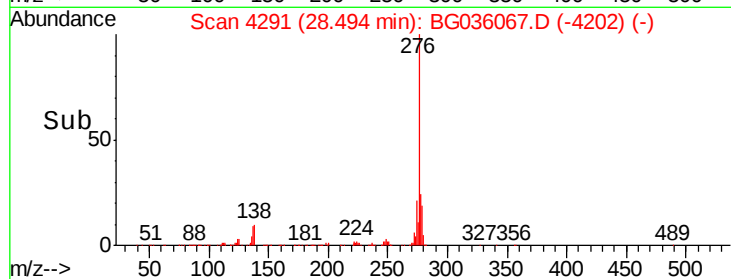
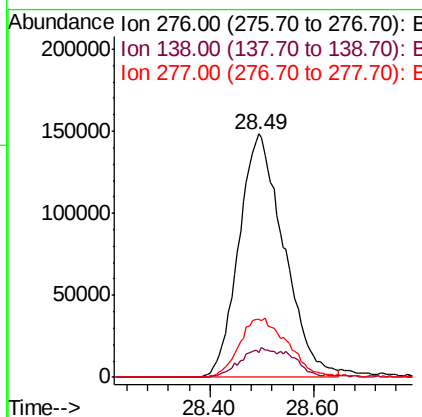
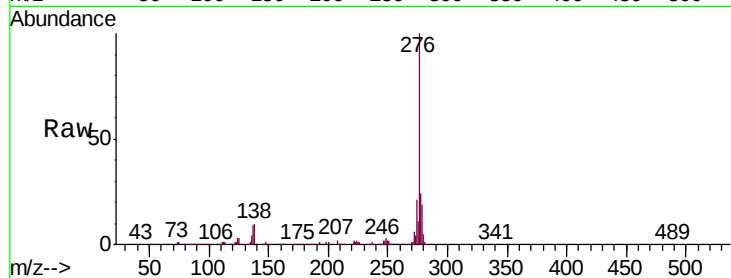




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.559 ng
 RT: 28.49 min Scan# 4291
 Delta R.T. -0.01 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

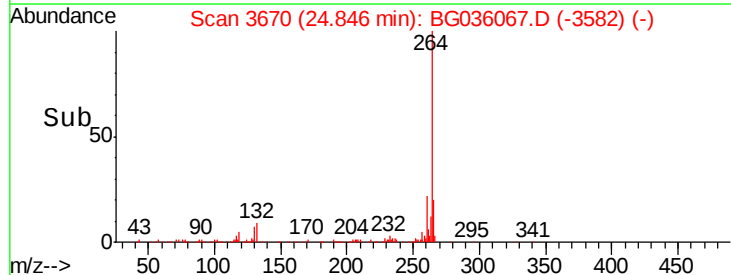
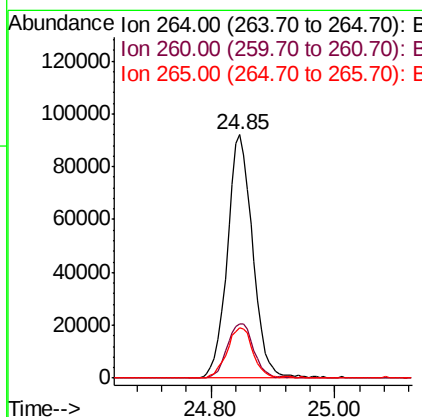
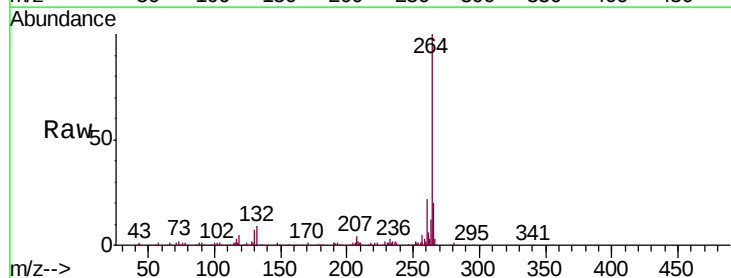
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

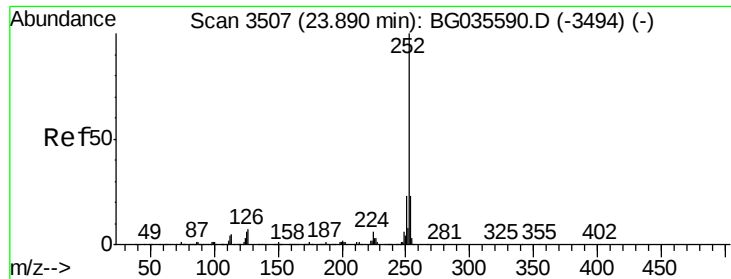
Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.2	16.0	24.0#
277	26.1	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3670
 Delta R.T. -0.01 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	20.5	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 52.041 ng

RT: 23.84 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

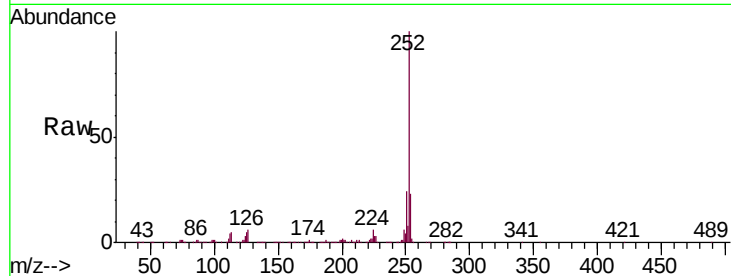
Tgt Ion:252 Resp: 829964

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

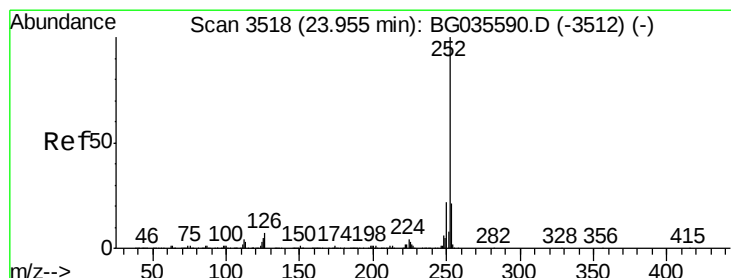
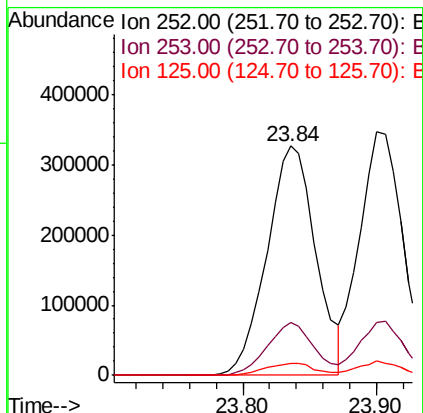
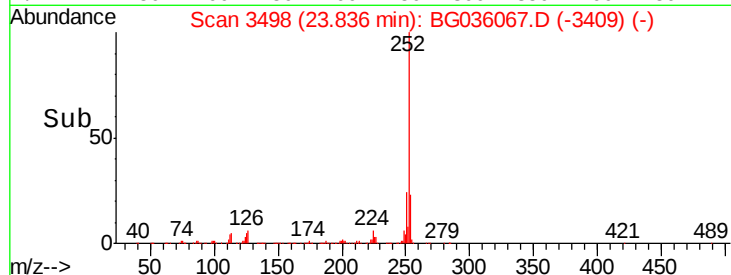
125 5.3 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 50.189 ng

RT: 23.90 min Scan# 3509

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

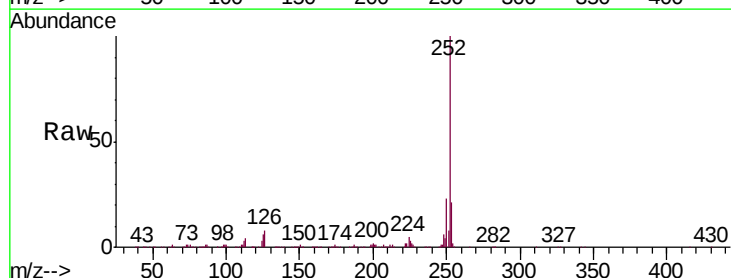
Tgt Ion:252 Resp: 782540

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

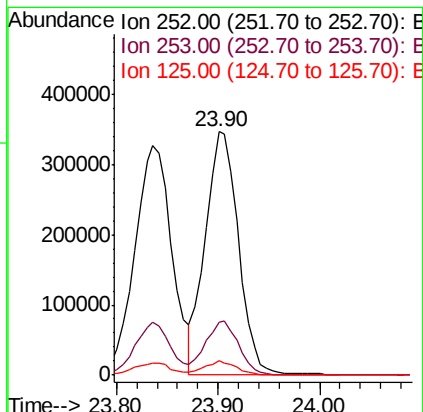
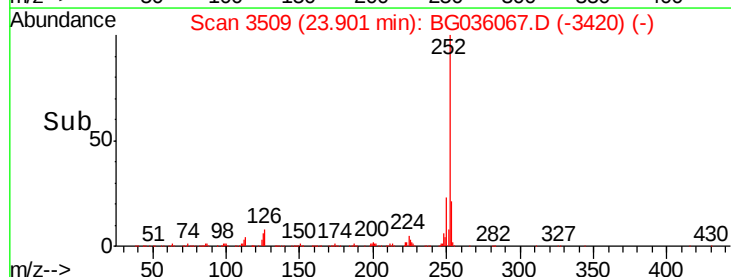
125 5.8 6.6 9.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 52.842 ng

RT: 24.71 min Scan# 3646

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

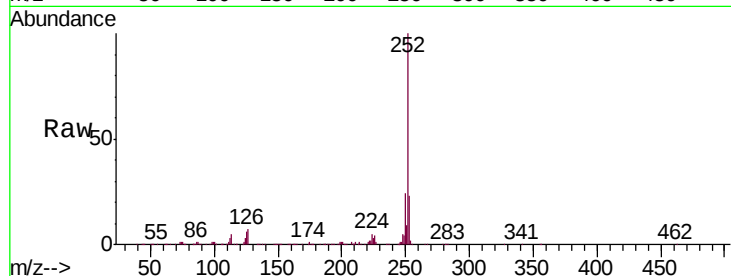
Tgt Ion:252 Resp: 784024

Ion Ratio Lower Upper

252 100

253 22.8 18.3 27.5

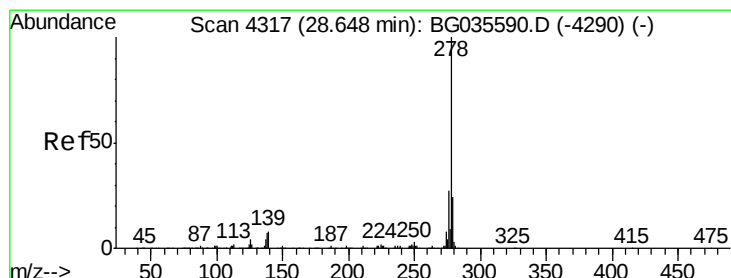
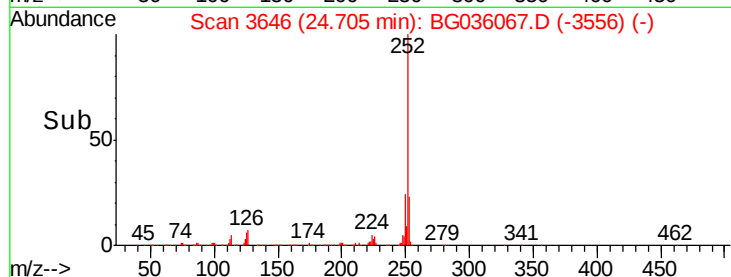
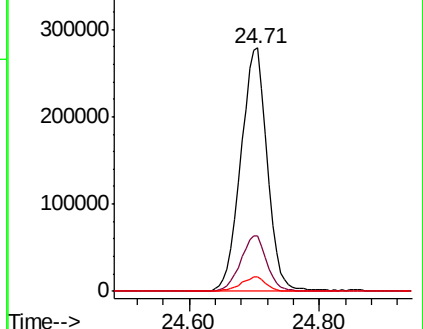
125 5.8 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.609 ng

RT: 28.55 min Scan# 4300

Delta R.T. -0.02 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

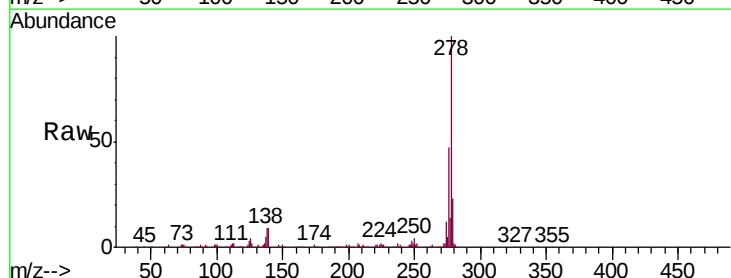
Tgt Ion:278 Resp: 737187

Ion Ratio Lower Upper

278 100

139 8.6 9.8 14.6#

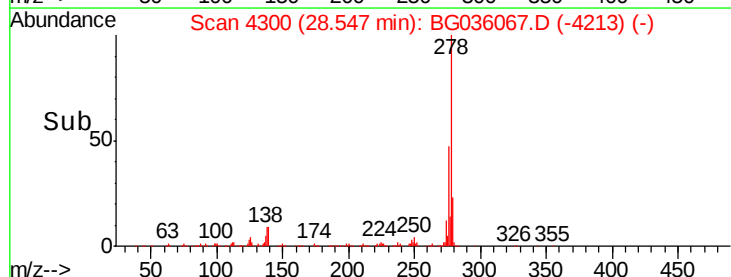
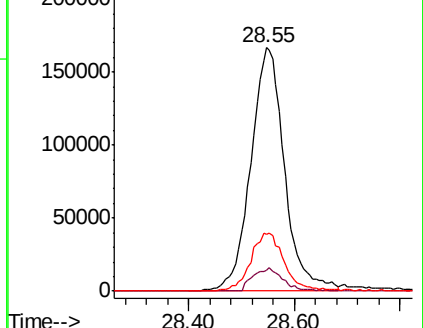
279 23.5 18.4 27.6

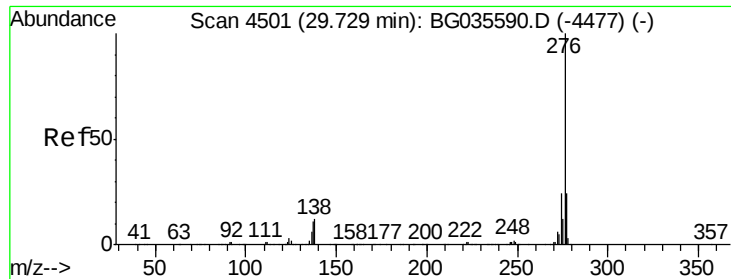


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 51.408 ng

RT: 29.63 min Scan# 4485

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

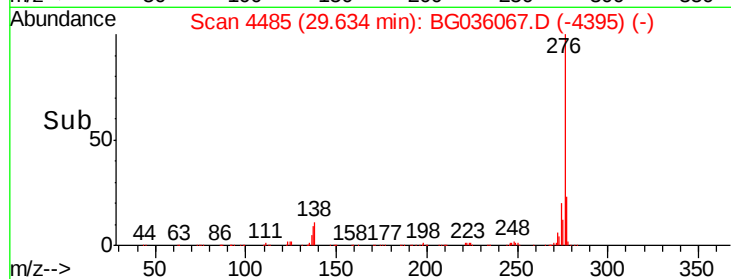
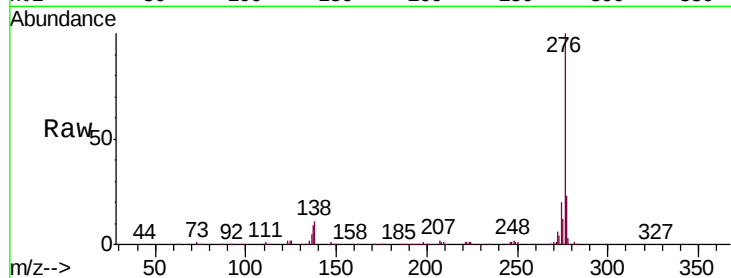
Tgt Ion: 276 Resp: 732765

Ion Ratio Lower Upper

276 100

277 22.5 18.3 27.5

138 10.9 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

