

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
 Data File : BG036574.D
 Acq On : 6 Sep 2018 18:09
 Operator : JU/SJ
 Sample : J4781-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 18:44:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	53847	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	225365	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	153422	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	410653	20.00	ng	0.00
75) Chrysene-d12	21.70	240	420509	20.00	ng	0.00
86) Perylene-d12	24.90	264	439490	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	354623	104.47	ng	0.00
7) Phenol-d6	7.21	99	460707	94.79	ng	0.00
23) Nitrobenzene-d5	9.22	82	337978	81.37	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	262574	143.43	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	770171	71.68	ng	0.00
78) Terphenyl-d14	20.03	244	1513246	84.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	58453	36.898	ng	# 88
3) Pyridine	3.94	79	167968	37.773	ng	99
4) n-Nitrosodimethylamine	3.85	42	92951	46.931	ng	96
6) Aniline	7.38	93	172722	27.998	ng	98
8) 2-Chlorophenol	7.62	128	186651	50.705	ng	98
9) Benzaldehyde	7.19	77	112269	33.545	ng	97
10) Phenol	7.24	94	221138	43.480	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	184637	45.791	ng	99
12) 1,3-Dichlorobenzene	7.95	146	191171	45.481	ng	99
13) 1,4-Dichlorobenzene	8.09	146	194474	45.825	ng	99
14) 1,2-Dichlorobenzene	8.41	146	187300	46.214	ng	99
15) Benzyl Alcohol	8.29	79	191507	48.880	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	356241	43.810	ng	99
17) 2-Methylphenol	8.49	107	170900	50.605	ng	97
18) Hexachloroethane	9.15	117	70369	46.248	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	163849	45.109	ng	97
20) 3+4-Methylphenols	8.82	107	235281	49.901	ng	97
22) Acetophenone	8.88	105	302310	51.083	ng	# 99
24) Nitrobenzene	9.26	77	240384	53.669	ng	96
25) Isophorone	9.79	82	454030	55.024	ng	98
26) 2-Nitrophenol	9.97	139	104241	58.731	ng	97
27) 2,4-Dimethylphenol	10.03	122	193863	58.996	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	265536	52.434	ng	98
29) 2,4-Dichlorophenol	10.51	162	214859	59.662	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	212159	50.359	ng	100
31) Naphthalene	10.91	128	616515	54.725	ng	99
32) Benzoic acid	10.16	122	101841	42.381	ng	99
33) 4-Chloroaniline	11.02	127	41340	8.008	ng	99
34) Hexachlorobutadiene	11.20	225	141533	50.001	ng	99
35) Caprolactam	11.80	113	43083	30.031	ng	92
36) 4-Chloro-3-methylphenol	12.14	107	243583	58.210	ng	97
37) 2-Methylnaphthalene	12.51	142	482128	58.488	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	282168	51.970	ng	99
40) Hexachlorocyclopentadiene	12.86	237	306846	108.621	ng	97

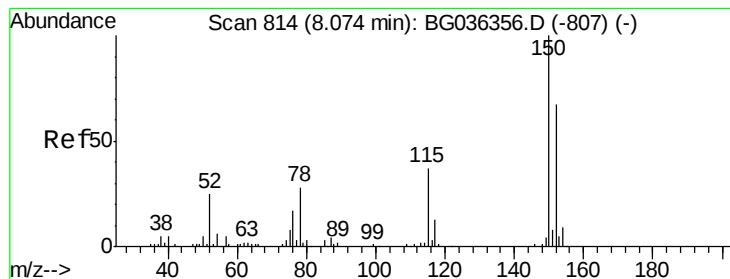
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
 Data File : BG036574.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	192702	58.265	ng	97
43) 2,4,5-Trichlorophenol	13.19	196	208879	59.212	ng	97
45) 1,1'-Biphenyl	13.52	154	632682	49.680	ng	99
46) 2-Chloronaphthalene	13.56	162	492926	50.701	ng	100
47) 2-Nitroaniline	13.76	65	185622	60.800	ng	97
48) Acenaphthylene	14.40	152	847330	55.766	ng	99
49) Dimethylphthalate	14.14	163	692134	55.248	ng	98
50) 2,6-Dinitrotoluene	14.26	165	154017	59.746	ng	94
51) Acenaphthene	14.74	154	508940	52.300	ng	98
52) 3-Nitroaniline	14.58	138	89696	32.288	ng	100
53) 2,4-Dinitrophenol	14.79	184	111256	113.940	ng	96
54) Dibenzofuran	15.08	168	812266	53.279	ng	98
55) 4-Nitrophenol	14.89	139	221352	97.453	ng	97
56) 2,4-Dinitrotoluene	15.04	165	221988	66.073	ng	95
57) Fluorene	15.73	166	665828	58.422	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.30	232	217237	65.544	ng	96
59) Diethylphthalate	15.50	149	699678	55.418	ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	379854	53.976	ng	99
61) 4-Nitroaniline	15.75	138	170678	58.713	ng	97
62) Azobenzene	16.01	77	685077	53.330	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	106963	59.295	ng	98
65) n-Nitrosodiphenylamine	15.94	169	622695	51.033	ng	99
66) 4-Bromophenyl-phenylether	16.61	248	262089	54.512	ng	98
67) Hexachlorobenzene	16.73	284	267188	54.348	ng	98
68) Atrazine	16.88	200	278193	60.741	ng	98
69) Pentachlorophenol	17.07	266	306156	91.629	ng	98
70) Phenanthrene	17.47	178	1169718	56.057	ng	97
71) Anthracene	17.56	178	1173062	56.397	ng	96
72) Carbazole	17.83	167	1048057	50.453	ng	99
73) Di-n-butylphthalate	18.39	149	1202970	52.005	ng	99
74) Fluoranthene	19.47	202	1405555	55.248	ng	98
76) Benzidine	19.65	184	178785	13.326	ng	99
77) Pyrene	19.83	202	1404195	54.302	ng	96
79) Butylbenzylphthalate	20.72	149	561333	54.546	ng	94
80) Benzo(a)anthracene	21.67	228	1411865	55.421	ng	97
81) 3,3'-Dichlorobenzidine	21.58	252	277498	27.332	ng	99
82) Chrysene	21.74	228	1314565	54.440	ng	97
83) Bis(2-ethylhexyl)phthalate	21.58	149	763942	53.048	ng	98
84) Di-n-octyl phthalate	22.79	149	1302091	54.132	ng	97
85) Indeno(1,2,3-cd)pyrene	28.55	276	1581226	56.379	ng	99
87) Benzo(b)fluoranthene	23.89	252	1461125	59.870	ng	96
88) Benzo(k)fluoranthene	23.96	252	1365490	57.271	ng	97
89) Benzo(a)pyrene	24.76	252	1399200	59.664	ng	99
90) Dibenzo(a,h)anthracene	28.62	278	1278052	56.451	ng	98
91) Benzo(g,h,i)perylene	29.70	276	1303264	57.283	ng	95

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

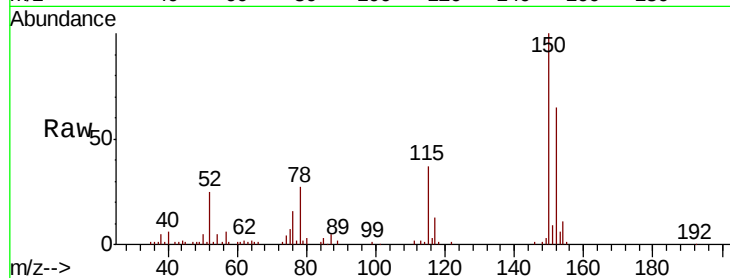


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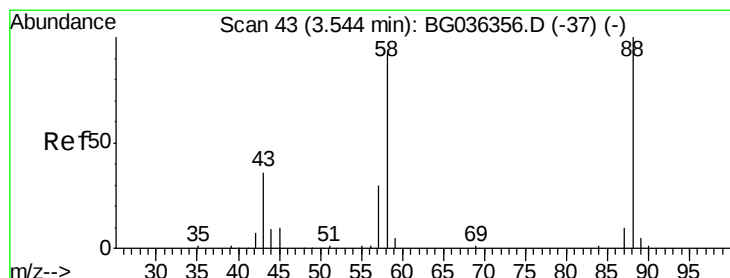
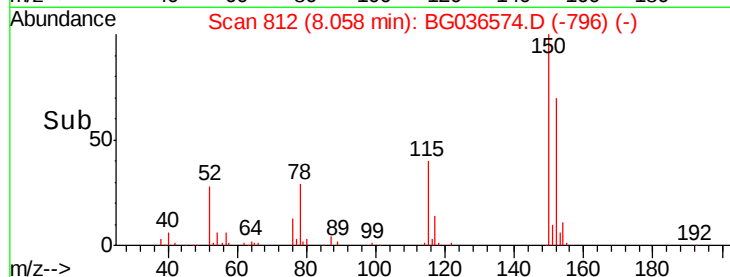
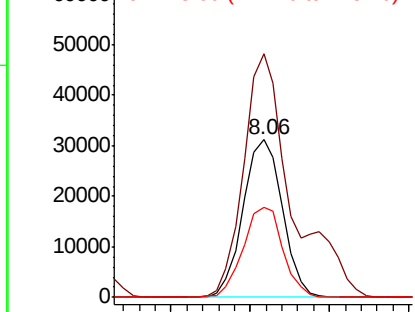
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 53847
Ion Ratio Lower Upper
152 100
150 154.8 119.5 179.3
115 57.5 44.5 66.7



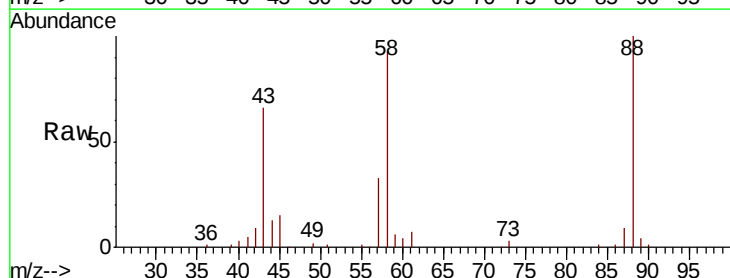
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



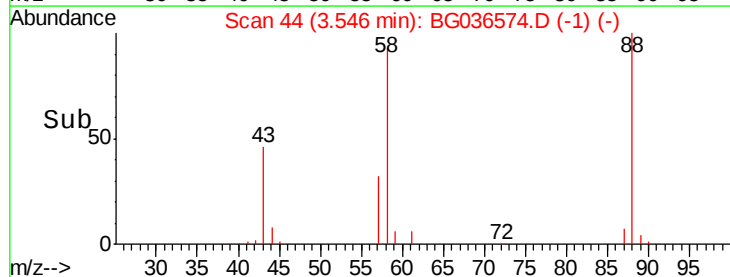
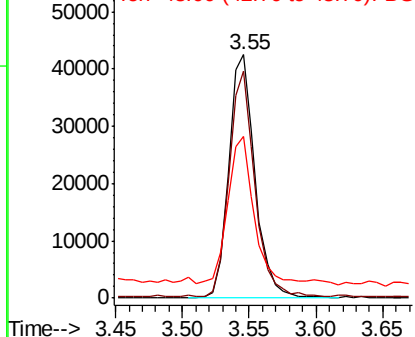
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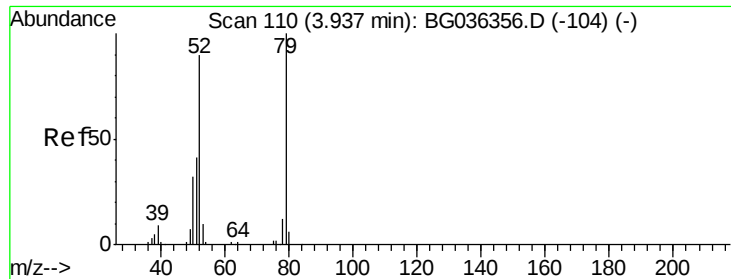
1,4-Dioxane
Concen: 36.898 ng
RT: 3.55 min Scan# 44
Delta R.T. 0.01 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Tgt Ion: 88 Resp: 58453
Ion Ratio Lower Upper
88 100
58 90.7 72.6 109.0
43 60.1 29.0 43.4#



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





#3

Pvridine

Concen: 37.773 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

Instrument :

BNA_F

ClientSampled :

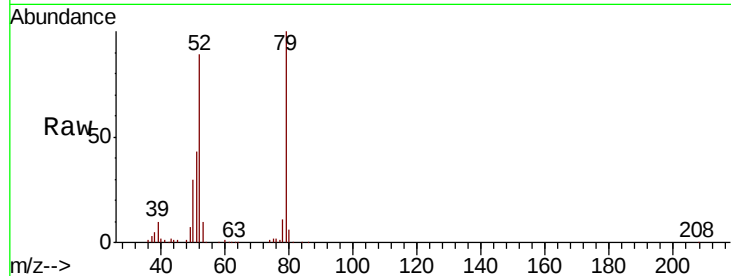
Tot Ion: 79 Resp: 167968

Ion Ratio Lower Upper

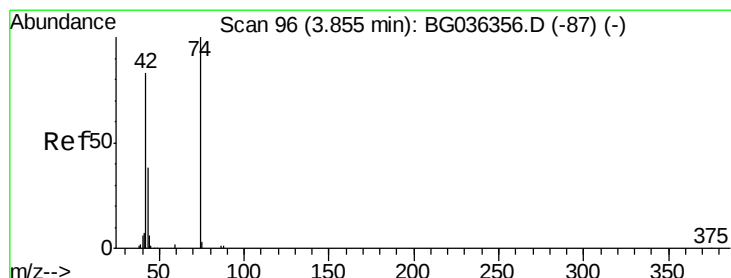
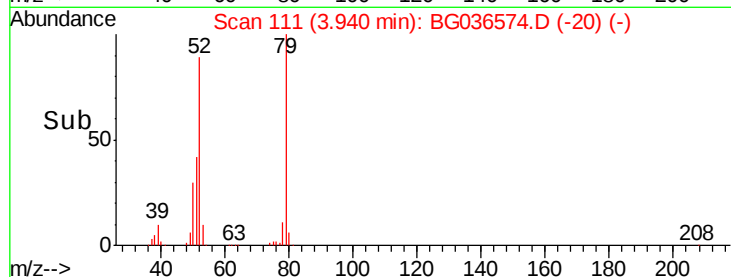
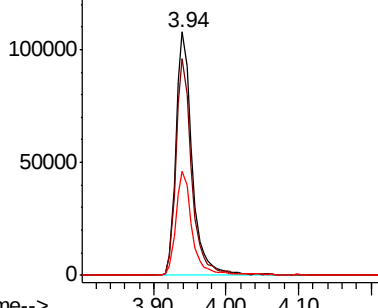
79 100

52 89.2 72.3 108.5

51 42.5 33.8 50.6



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



#4

n-Nitrosodimethylamine

Concen: 46.931 ng

RT: 3.85 min Scan# 95

Delta R.T. 0.00 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

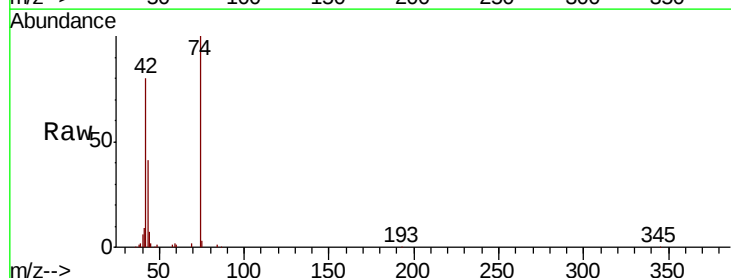
Tgt Ion: 42 Resp: 92951

Ion Ratio Lower Upper

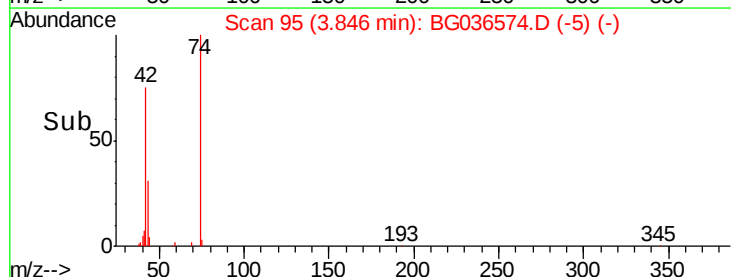
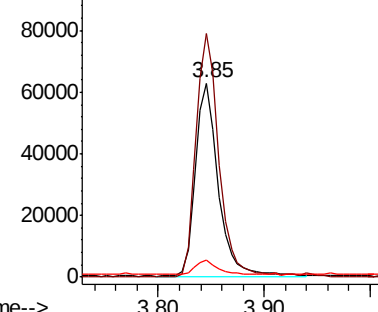
42 100

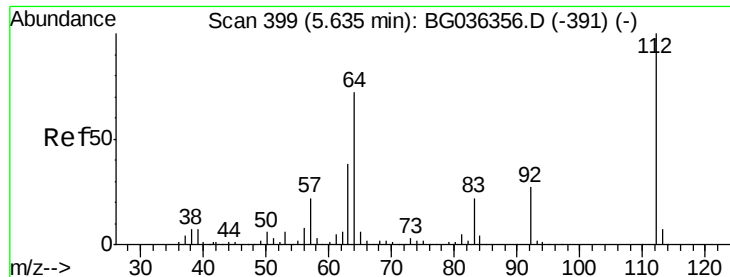
74 125.4 96.6 145.0

44 8.7 7.0 10.4



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





#5

2-Fluorophenol

Concen: 104.469 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

Instrument :

BNA_F

ClientSampleId :

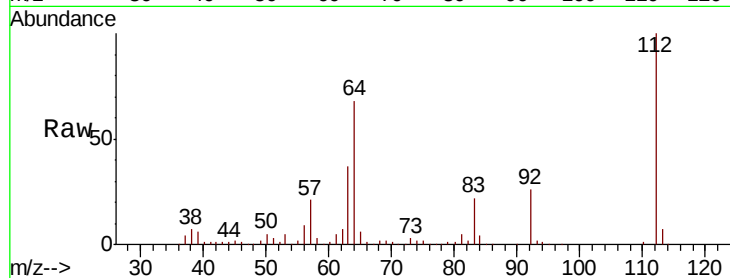
Tot Ion: 112 Resp: 354623

Ion Ratio Lower Upper

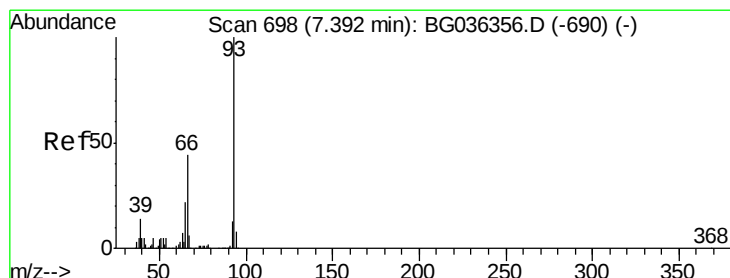
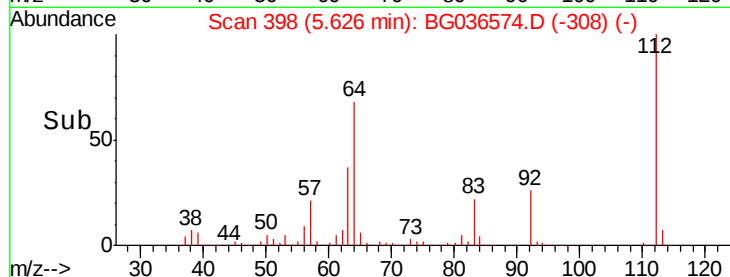
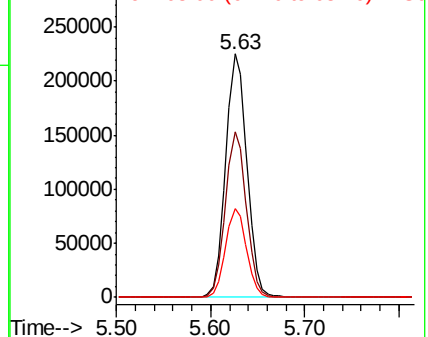
112 100

64 68.1 57.2 85.8

63 36.7 30.8 46.2



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: 27.998 ng

RT: 7.38 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

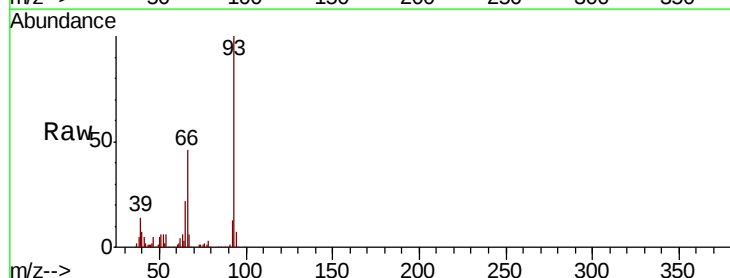
Tgt Ion: 93 Resp: 172722

Ion Ratio Lower Upper

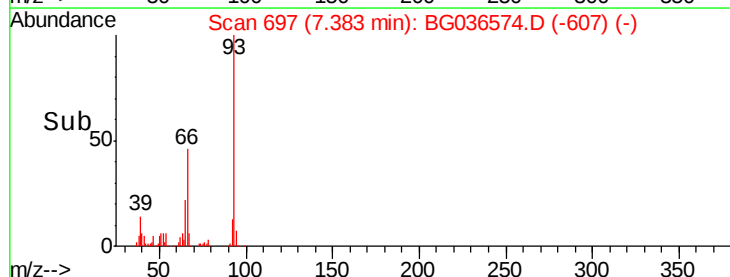
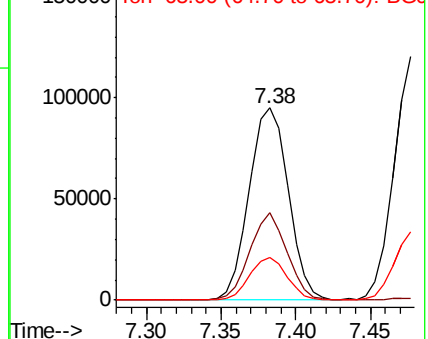
93 100

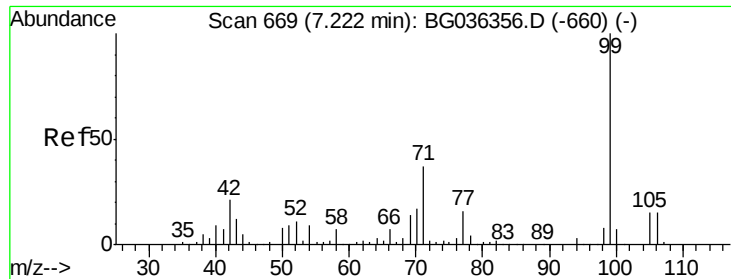
66 45.7 35.0 52.4

65 22.4 17.6 26.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 94.794 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

Instrument :

BNA_F

ClientSampleId :

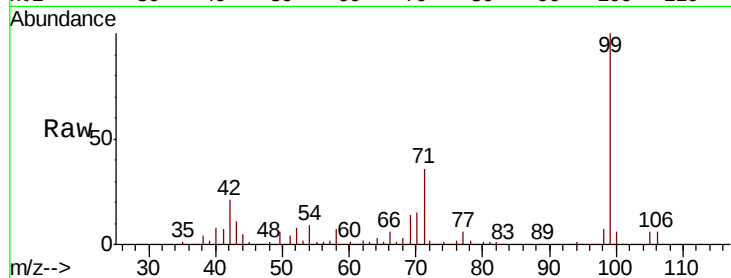
Tot Ion: 99 Resp: 460707

Ion Ratio Lower Upper

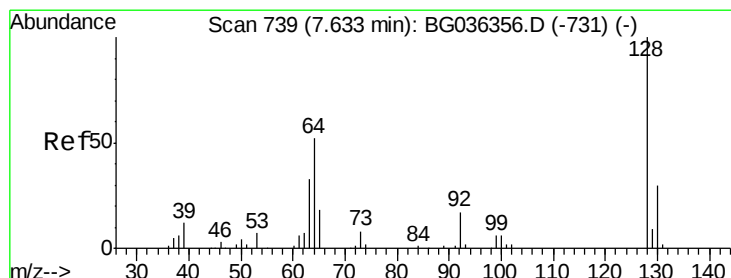
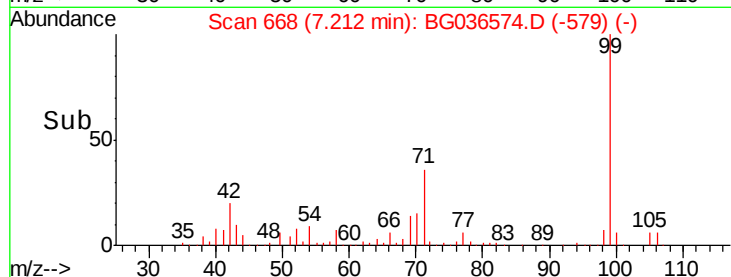
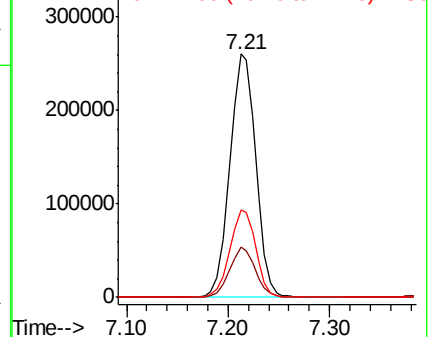
99 100

42 20.6 16.5 24.7

71 35.9 29.4 44.2



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



#8

2-Chlorophenol

Concen: 50.705 ng

RT: 7.62 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

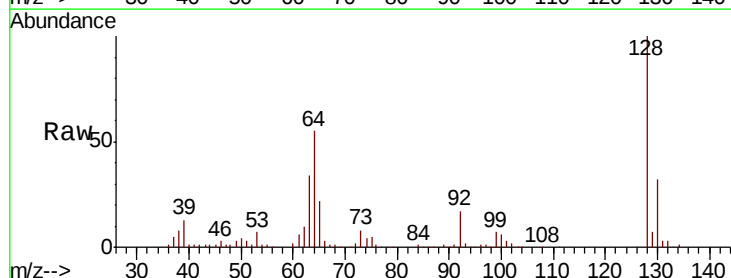
Tgt Ion: 128 Resp: 186651

Ion Ratio Lower Upper

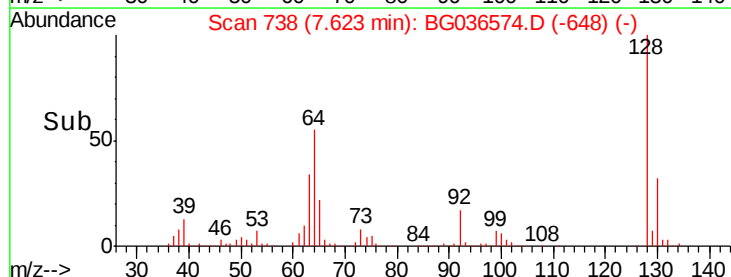
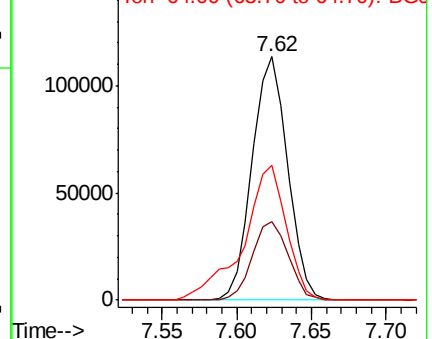
128 100

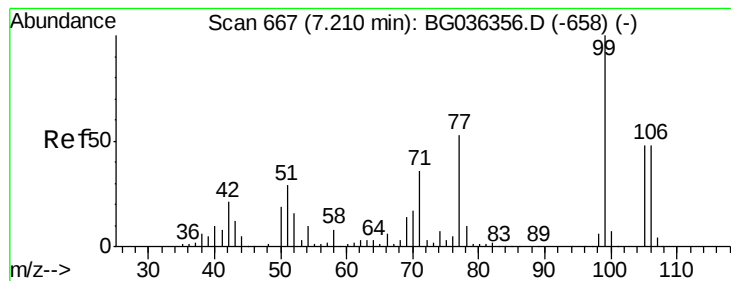
130 32.4 10.0 50.0

64 55.3 36.0 76.0



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





#9

Benzaldehyde

Concen: 33.545 ng

RT: 7.19 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

Instrument :

BNA_F

ClientSampled :

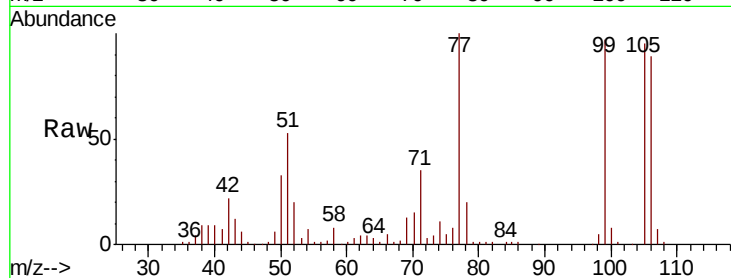
Tot Ion: 77 Resp: 112269

Ion Ratio Lower Upper

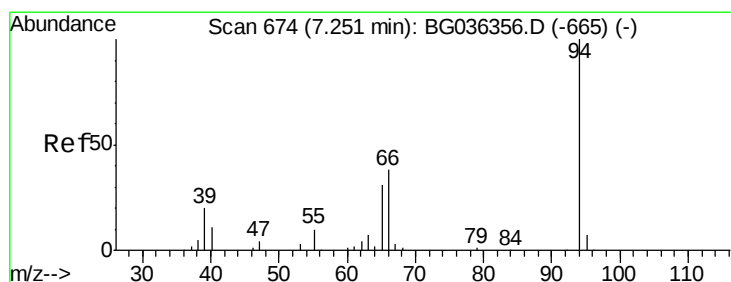
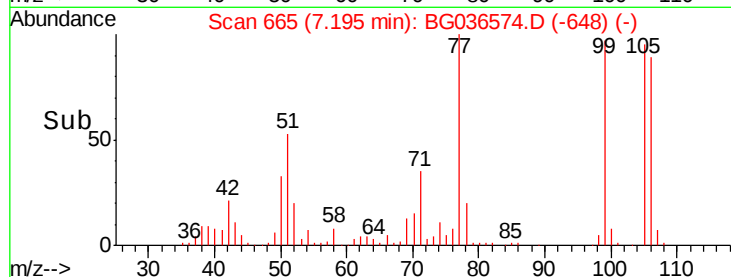
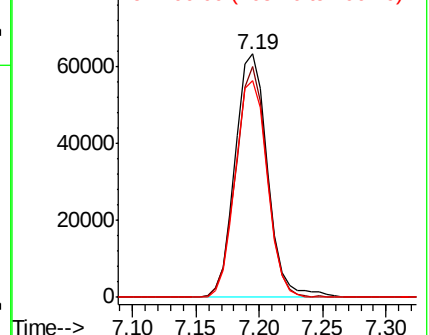
77 100

105 94.6 70.5 110.5

106 88.9 69.8 109.8



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.480 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

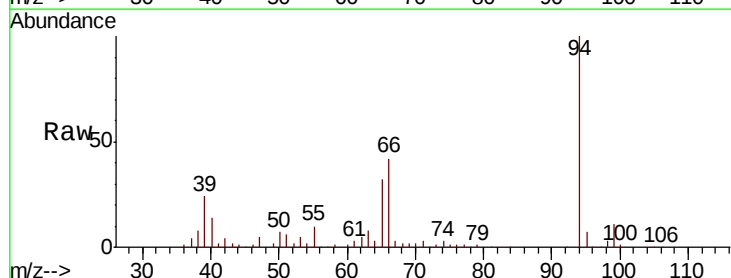
Tgt Ion: 94 Resp: 221138

Ion Ratio Lower Upper

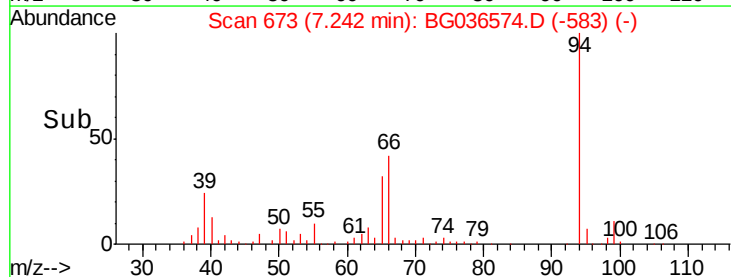
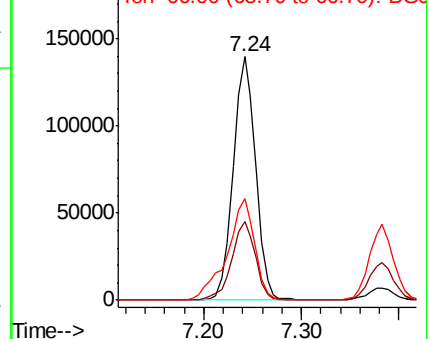
94 100

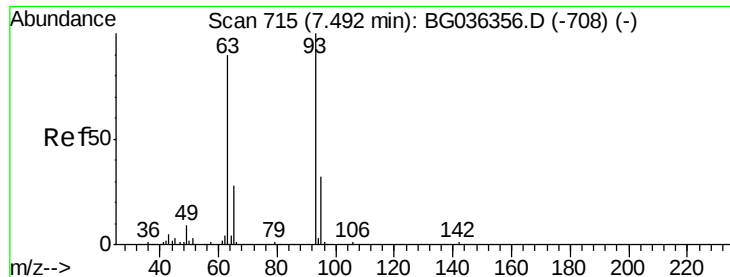
65 32.3 11.5 51.5

66 41.7 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

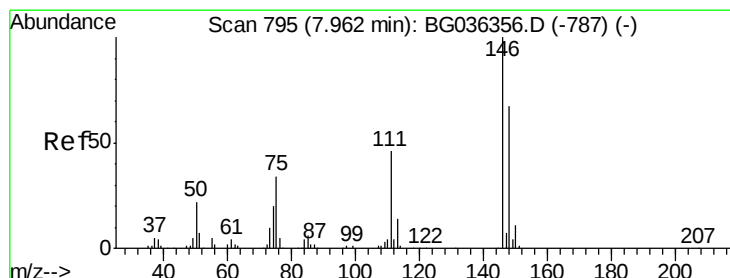
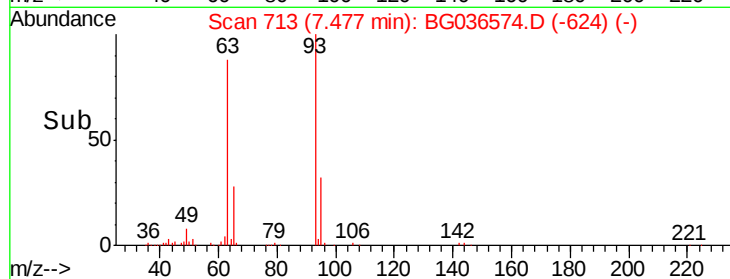
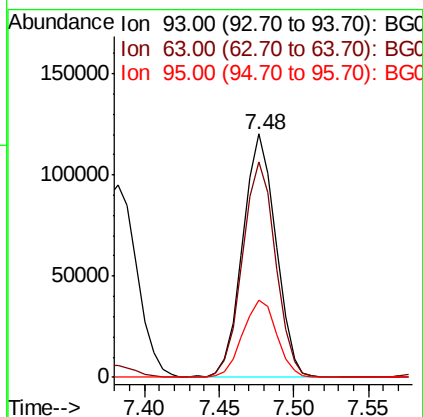
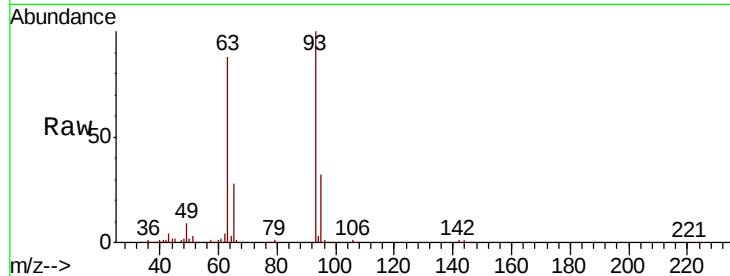




#11
bis(2-Chloroethyl)ether
Concen: 45.791 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.01 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

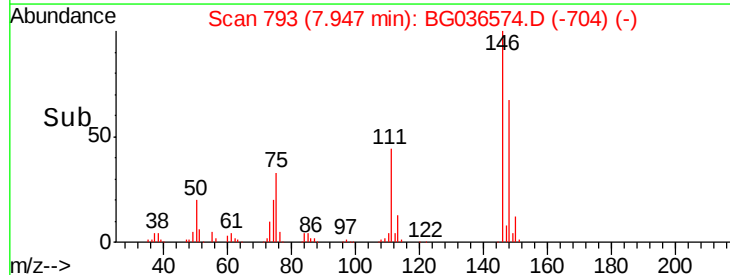
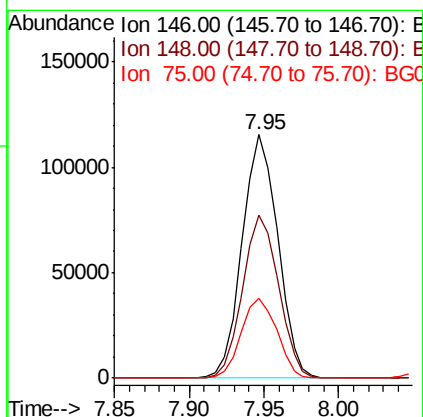
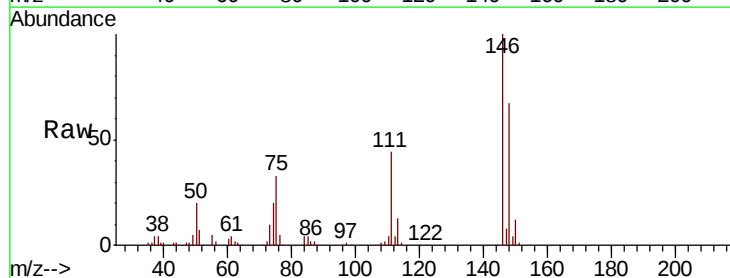
Instrument :
BNA_F
ClientSampleId :

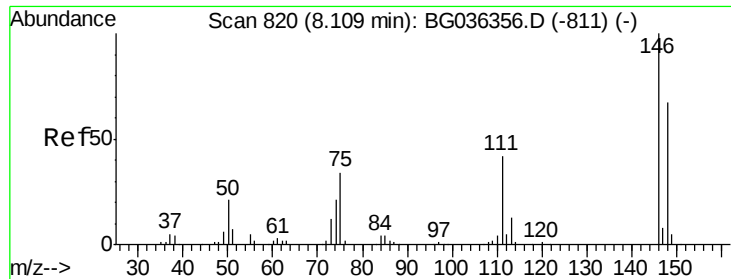
Tot Ion	93	Resp	184637
Ion Ratio	Lower	Upper	
93	100		
63	88.5	69.9	109.9
95	31.7	11.7	51.7



#12
1,3-Dichlorobenzene
Concen: 45.481 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.01 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Tgt Ion	146	Resp	191171
Ion Ratio	Lower	Upper	
146	100		
148	66.7	53.8	80.6
75	32.6	27.2	40.8

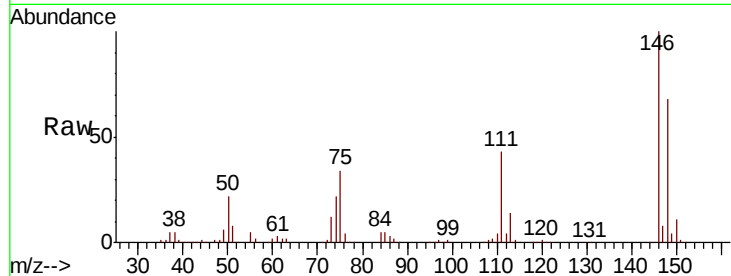




#13
 1,4-Dichlorobenzene
 Concen: 45.825 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.5	53.9	80.9
111	43.3	33.8	50.6

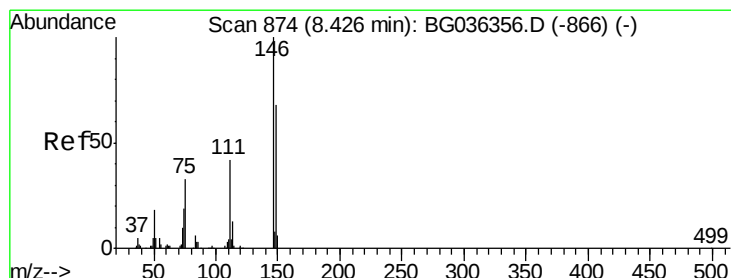
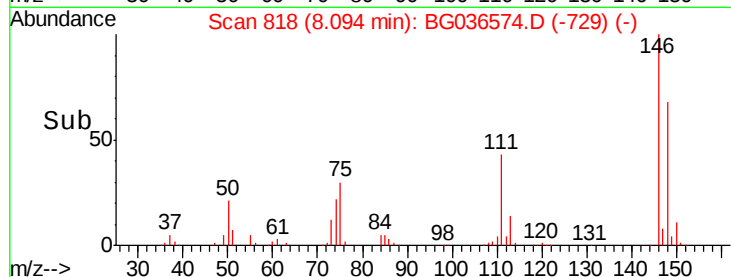
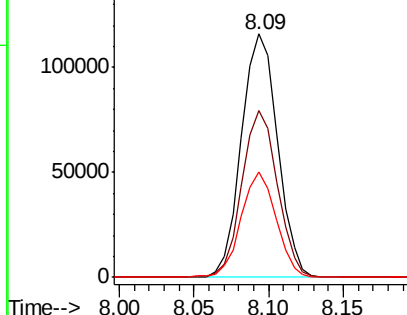


Abundance

Ion 146.00 (145.70 to 146.70): E

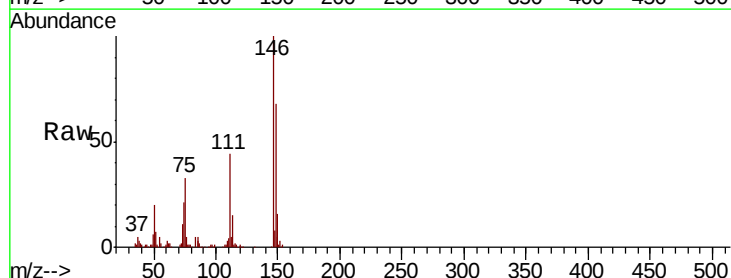
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 46.214 ng
 RT: 8.41 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.3	55.0	82.6
111	43.5	34.6	51.8

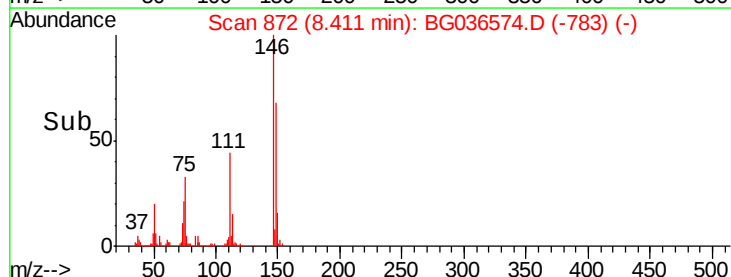
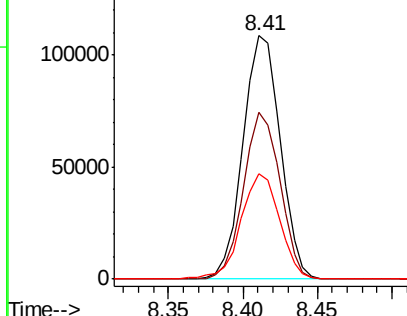


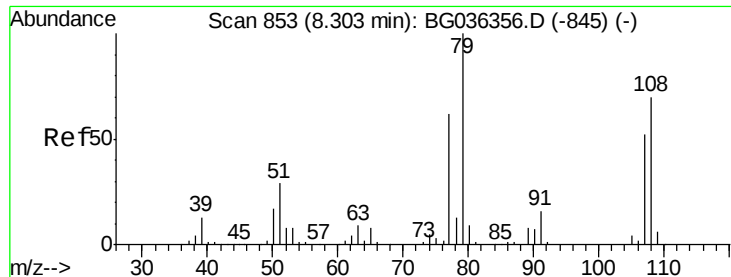
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.880 ng

RT: 8.29 min Scan# 852

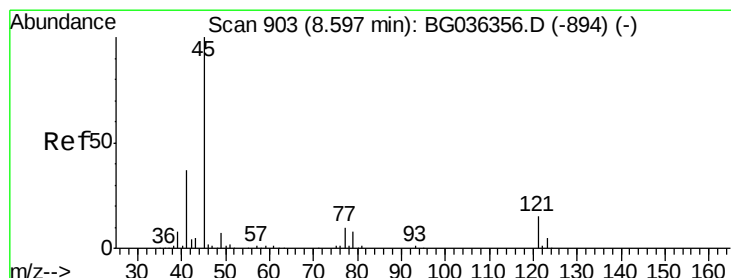
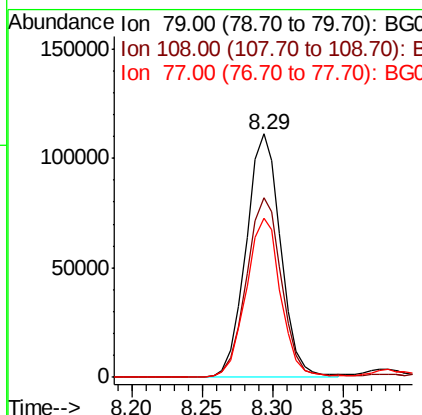
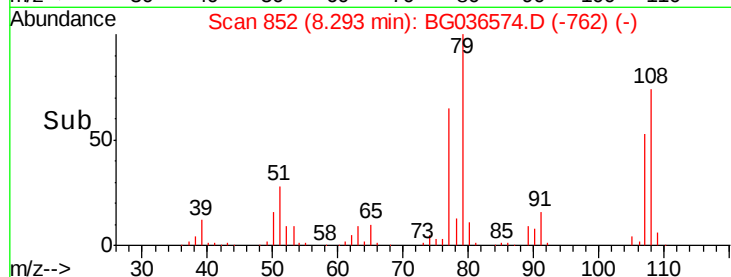
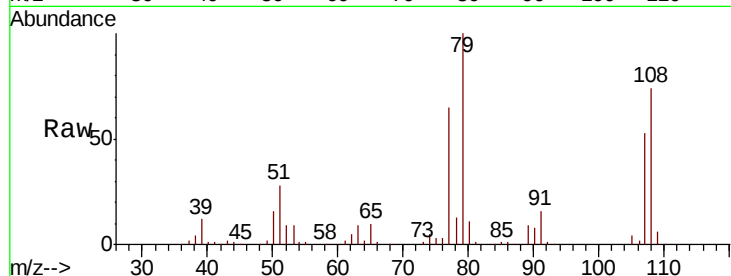
Delta R.T. 0.00 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:	79	Resp:	191507
Ion	Ratio	Lower	Upper
79	100		
108	73.6	55.9	83.9
77	65.4	50.0	75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.810 ng

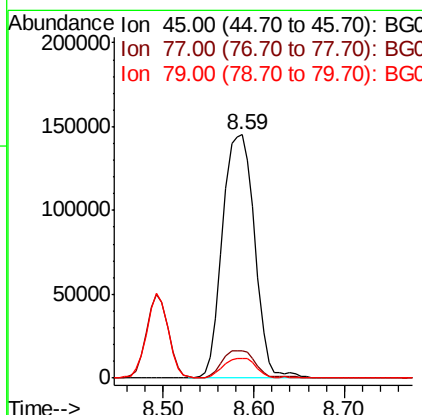
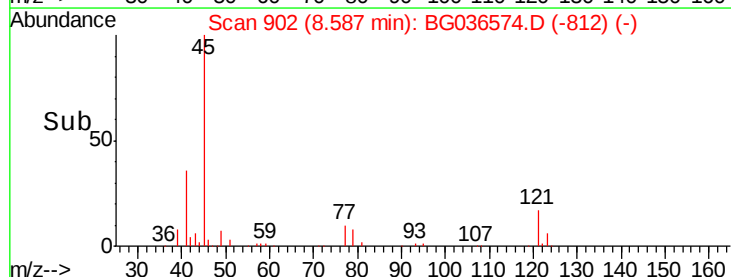
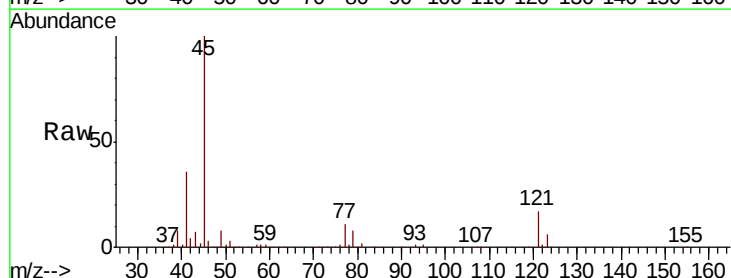
RT: 8.59 min Scan# 902

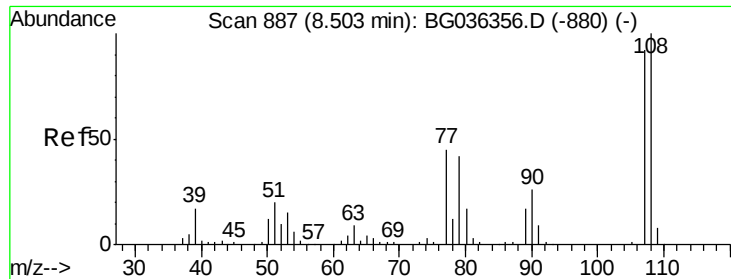
Delta R.T. 0.00 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

Tgt Ion:	45	Resp:	356241
Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	30.5
79	8.3	0.0	27.9

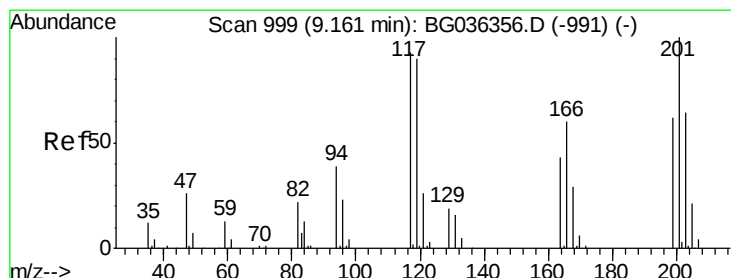
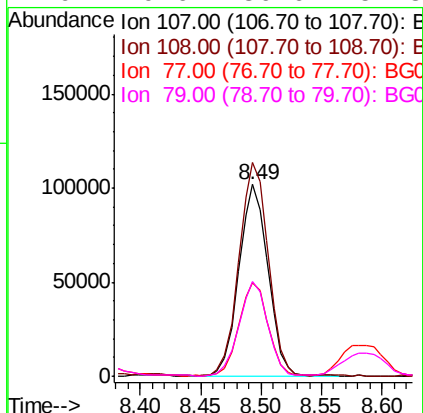
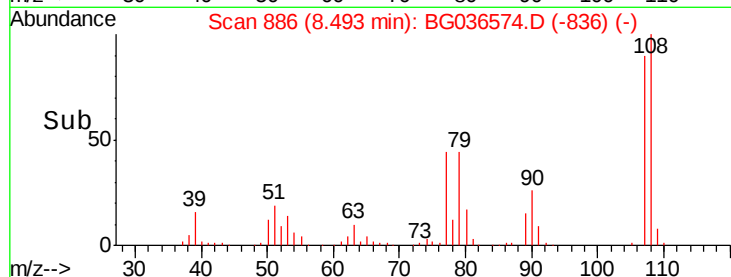
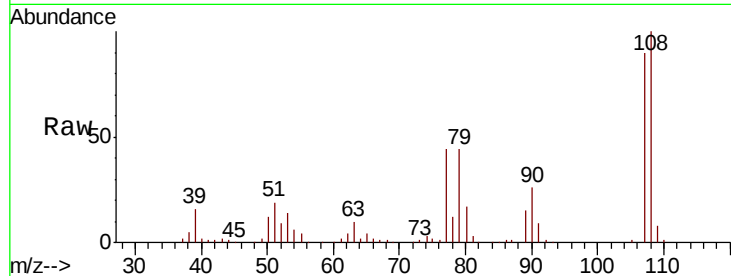




#17
2-Methylphenol
Concen: 50.605 ng
RT: 8.49 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

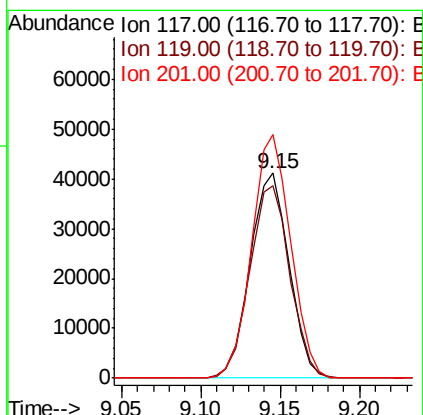
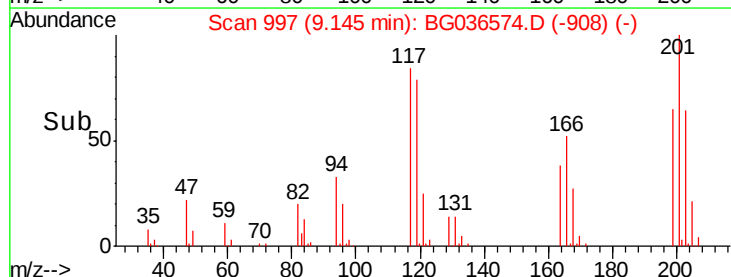
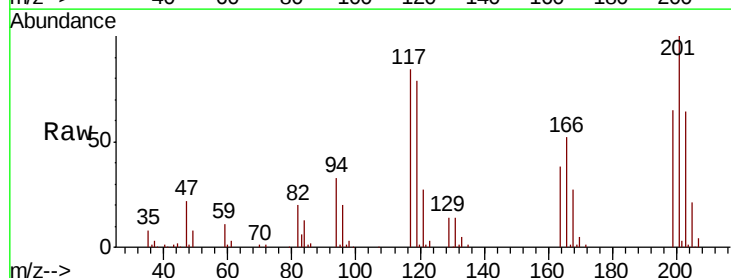
Instrument :
BNA_F
ClientSampleId :

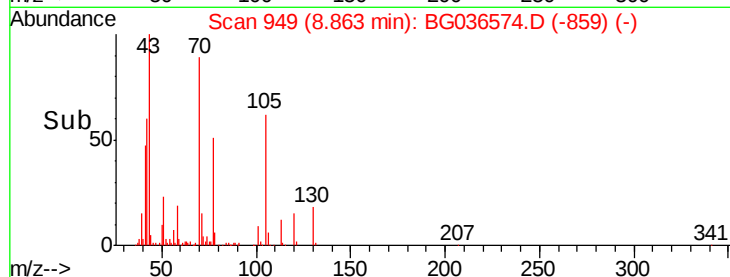
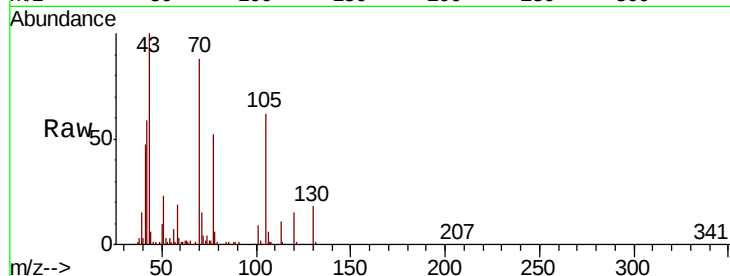
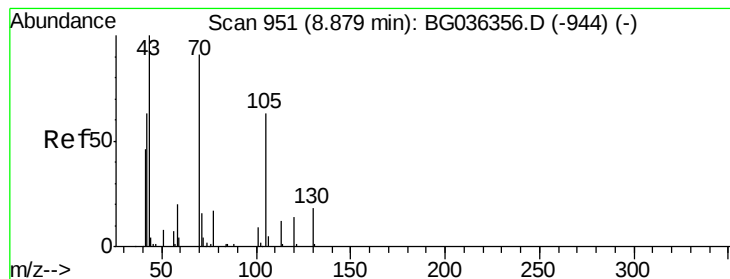
Tot Ion:107 Resp: 170900
Ion Ratio Lower Upper
107 100
108 111.5 86.7 130.1
77 48.8 39.0 58.4
79 49.6 36.6 54.8



#18
Hexachloroethane
Concen: 46.248 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Tgt Ion:117 Resp: 70369
Ion Ratio Lower Upper
117 100
119 93.7 76.8 115.2
201 118.8 85.7 128.5





#19

n-Nitroso-di-n-propylamine

Concen: 45.109 ng

RT: 8.86 min Scan# 949

Delta R.T. 0.00 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 163849

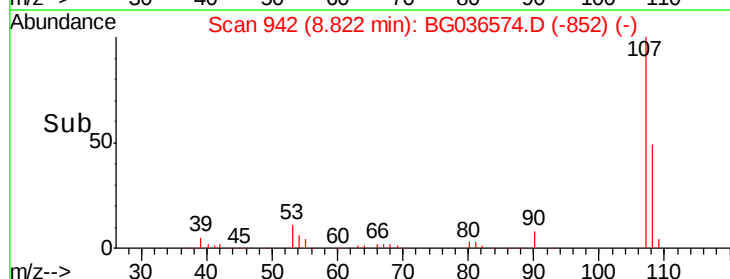
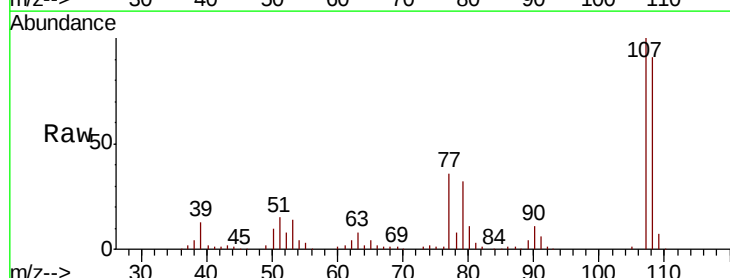
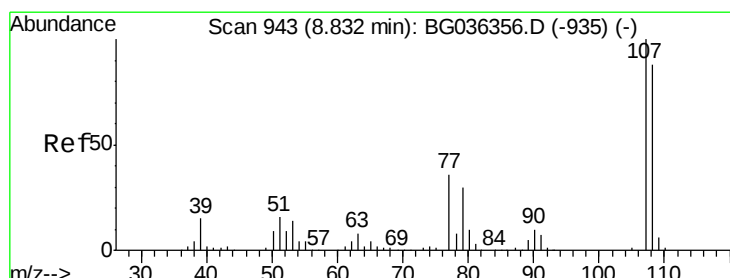
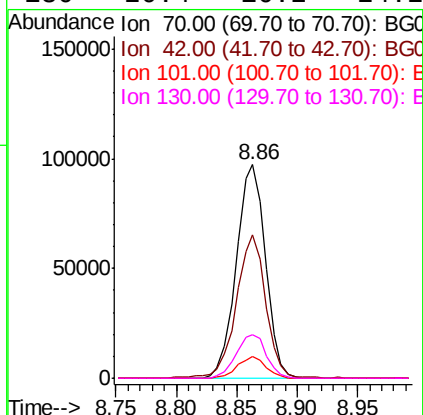
Ion Ratio Lower Upper

70 100

42 67.1 56.2 84.4

101 10.1 7.8 11.6

130 20.4 16.2 24.2



#20

3+4-Methylphenols

Concen: 49.901 ng

RT: 8.82 min Scan# 942

Delta R.T. 0.00 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

Tgt Ion: 107 Resp: 235281

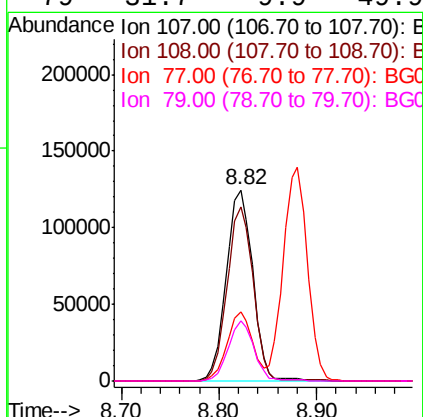
Ion Ratio Lower Upper

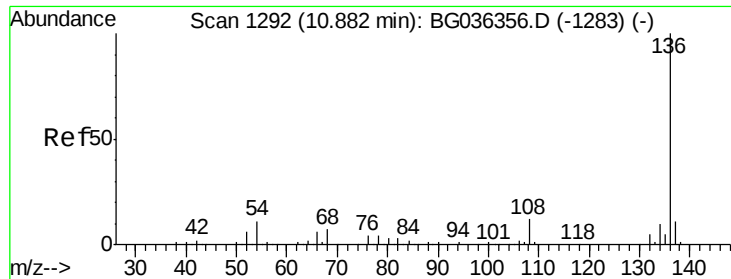
107 100

108 91.3 68.0 108.0

77 36.2 15.6 55.6

79 31.7 9.9 49.9

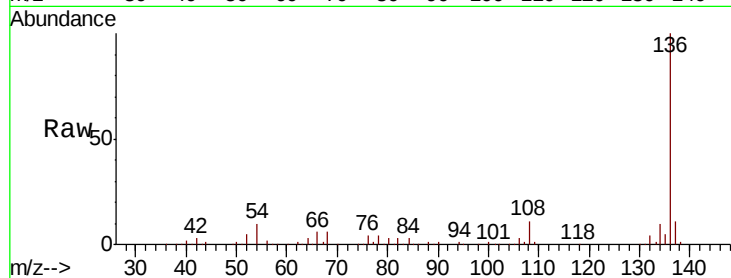




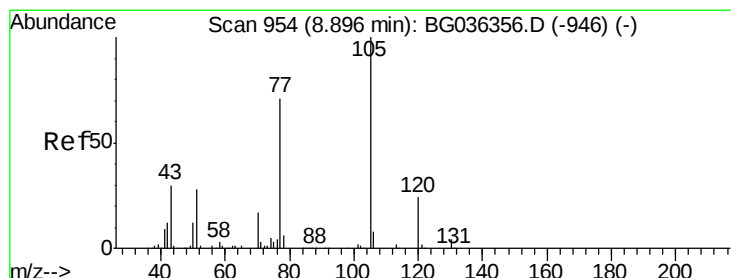
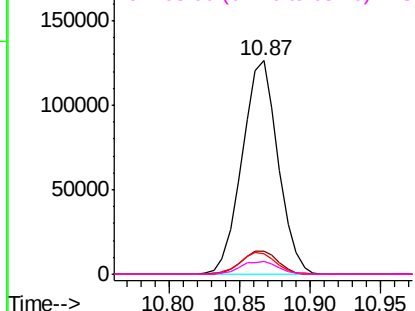
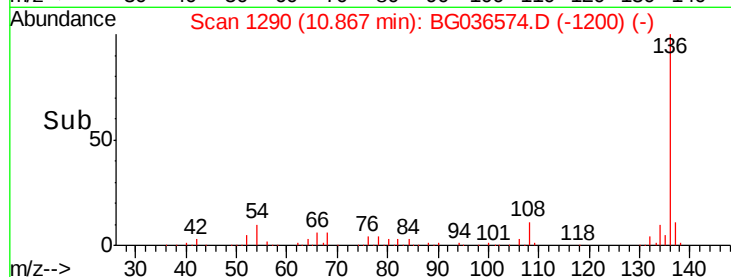
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	225365
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	9.6	9.2 13.8
68	6.1	5.8 8.6

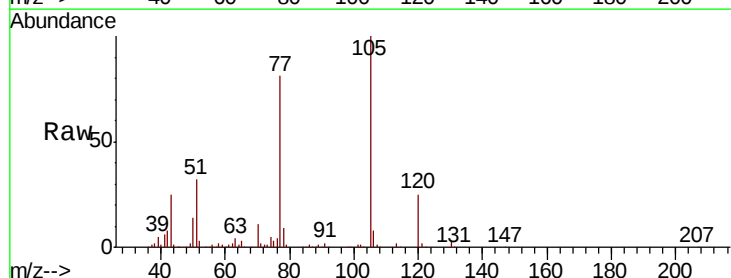


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

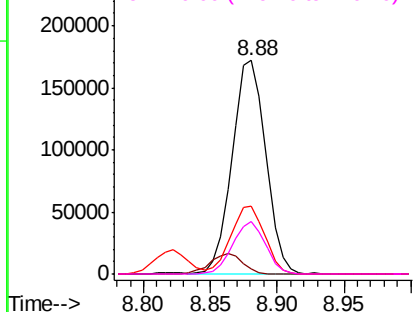
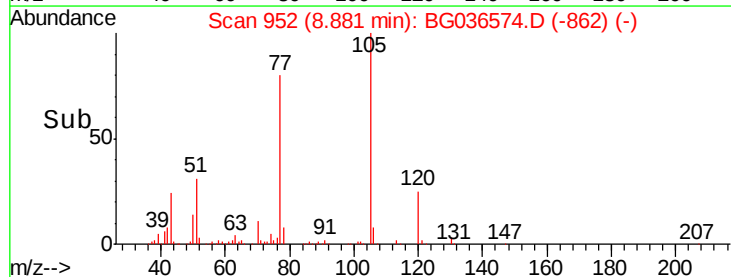


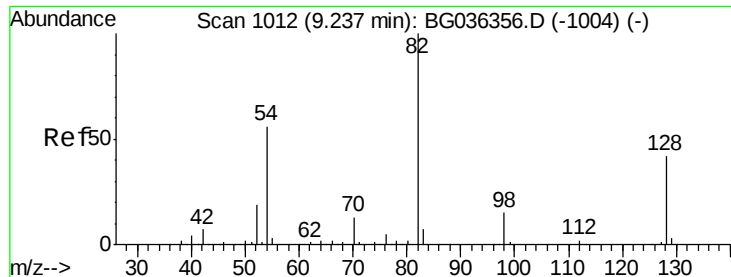
#22
Acetophenone
Concen: 51.083 ng
RT: 8.88 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Tgt Ion:105	Resp:	302310
Ion Ratio	Lower	Upper
105	100	
71	2.1	2.4 3.6#
51	31.6	25.9 38.9
120	24.6	19.4 29.0



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

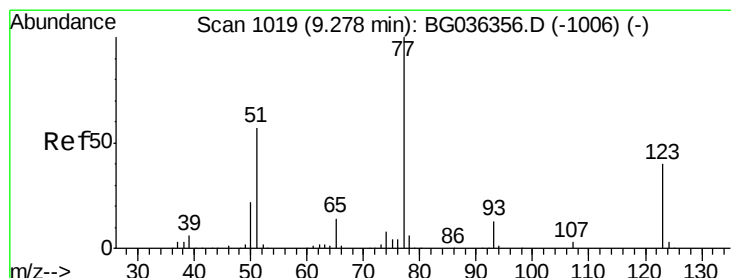
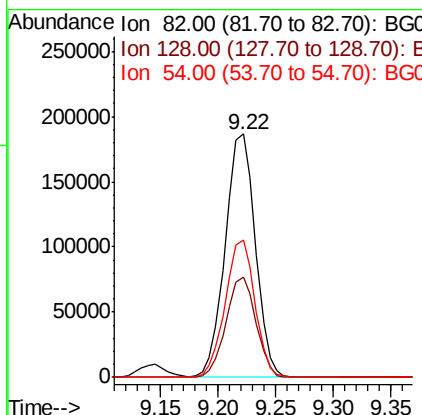
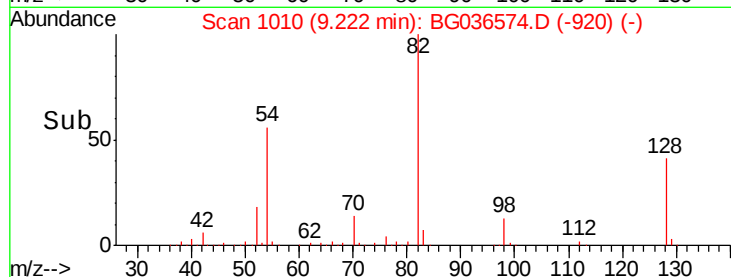
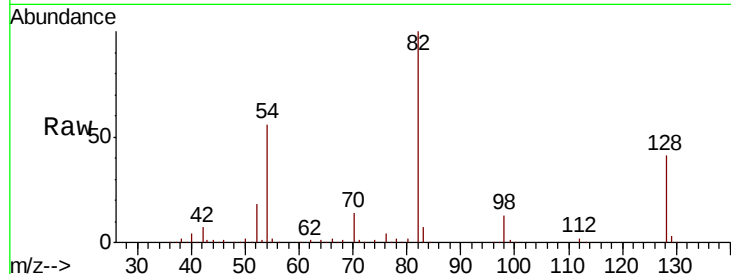




#23
 Nitrobenzene-d5
 Concen: 81.368 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

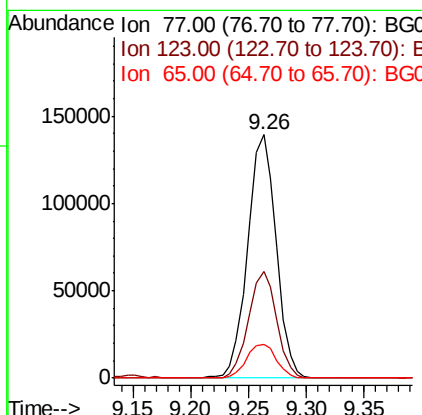
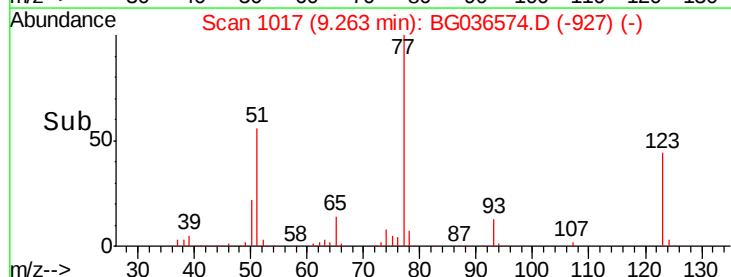
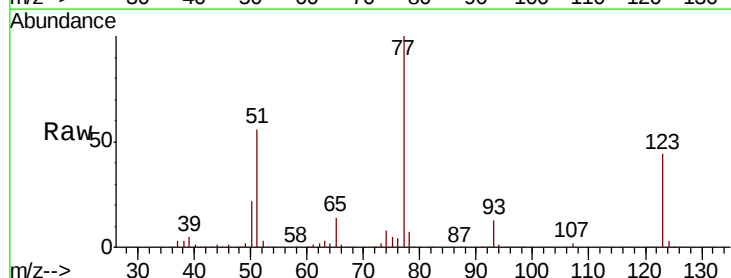
Instrument :
 BNA_F
 ClientSampleID :

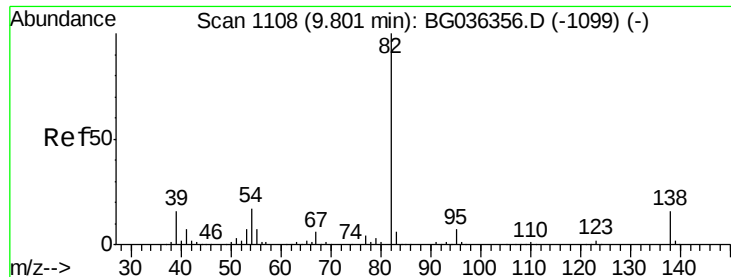
Tot Ion: 82 Resp: 337978
 Ion Ratio Lower Upper
 82 100
 128 41.1 33.3 49.9
 54 56.4 45.1 67.7



#24
 Nitrobenzene
 Concen: 53.669 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

Tgt Ion: 77 Resp: 240384
 Ion Ratio Lower Upper
 77 100
 123 43.6 32.4 48.6
 65 14.0 11.5 17.3

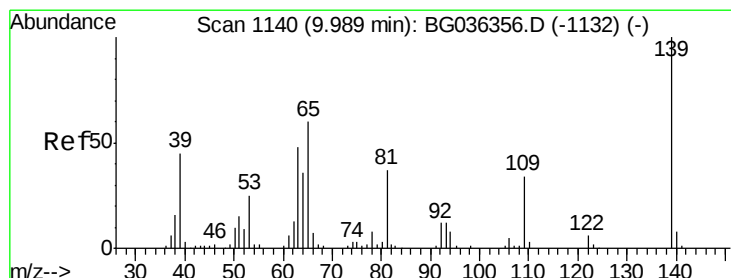
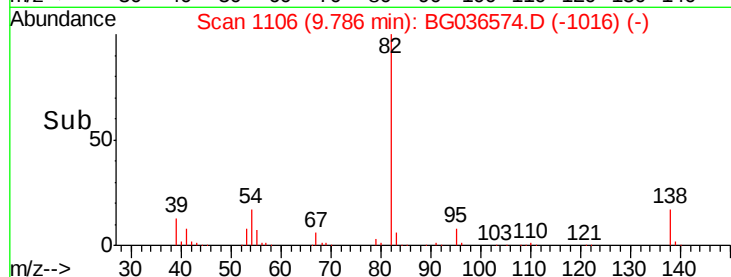
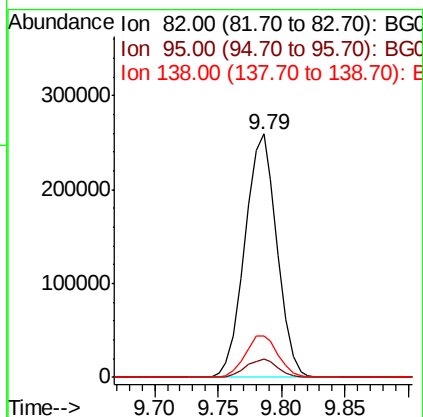
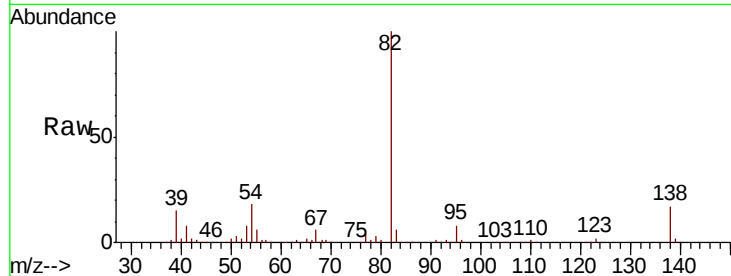




#25
Isophorone
Concen: 55.024 ng
RT: 9.79 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

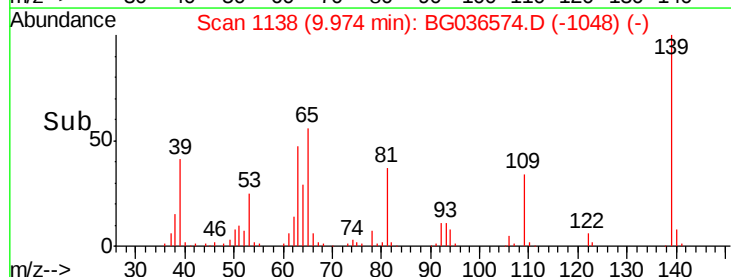
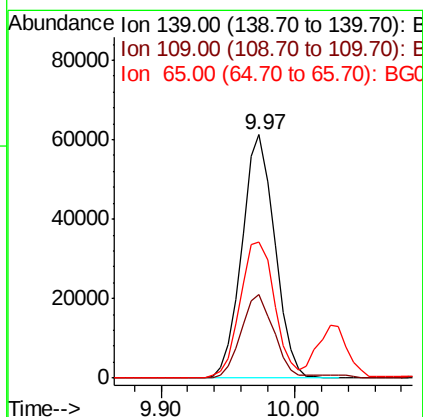
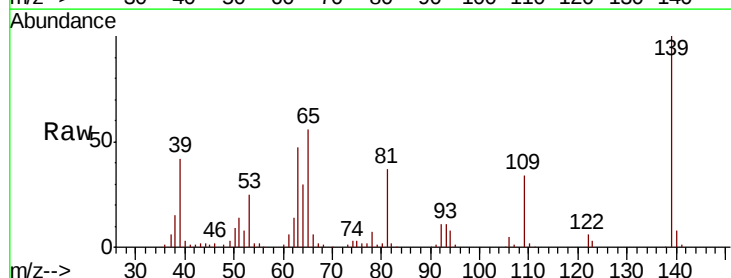
Instrument :
BNA_F
ClientSampleId :

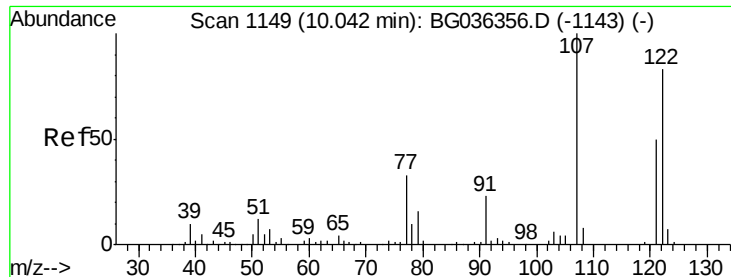
Tot Ion: 82 Resp: 454030
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 17.2 12.9 19.3



#26
2-Nitrophenol
Concen: 58.731 ng
RT: 9.97 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Tgt Ion: 139 Resp: 104241
Ion Ratio Lower Upper
139 100
109 34.3 27.4 41.0
65 56.1 47.8 71.6

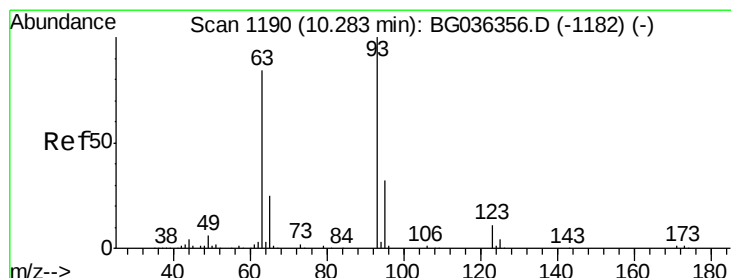
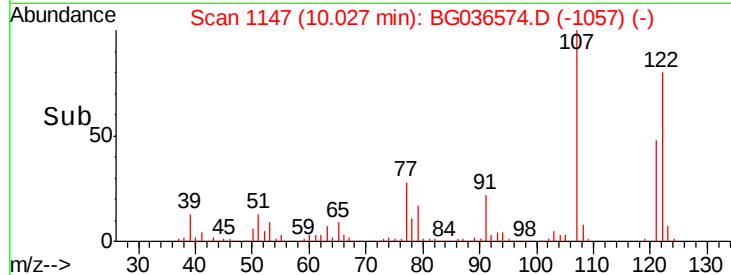
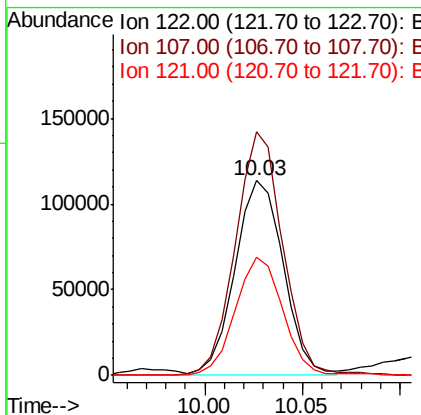
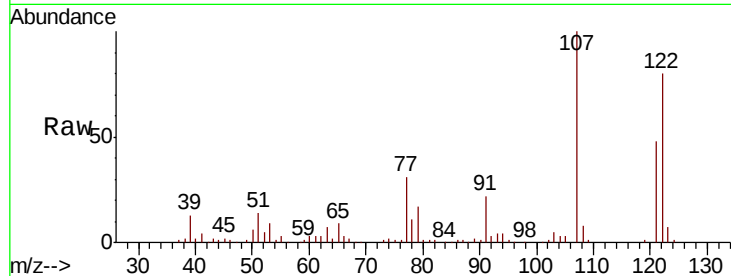




#27
 2,4-Dimethylphenol
 Concen: 58.996 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

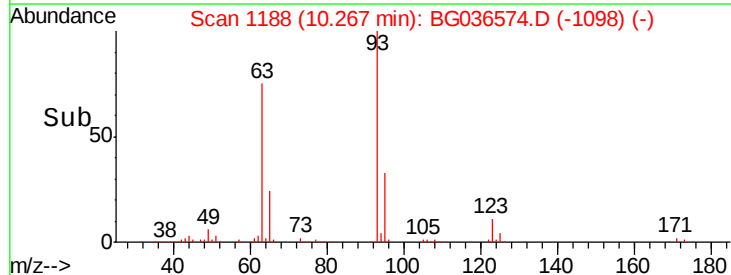
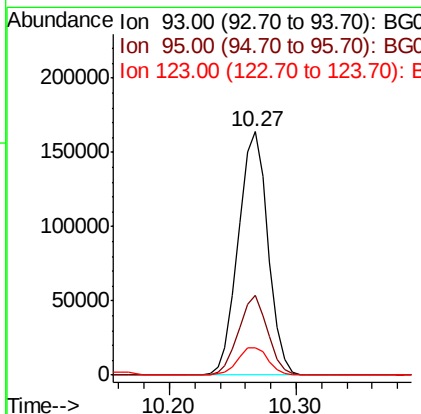
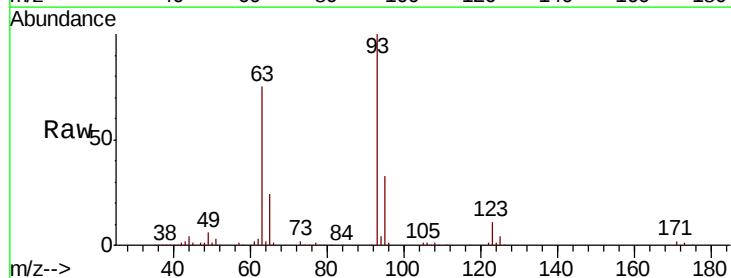
Instrument :
 BNA_F
 ClientSampleId :

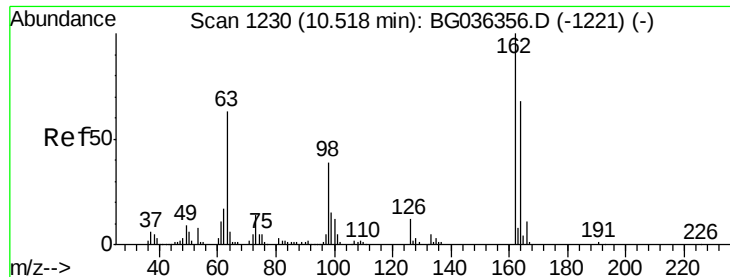
Tot Ion:	122	Resp:	193863
Ion	Ratio	Lower	Upper
122	100		
107	125.1	96.0	144.0
121	60.4	48.2	72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.434 ng
 RT: 10.27 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

Tgt Ion:	93	Resp:	265536
Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.2	37.8
123	11.2	8.6	12.8

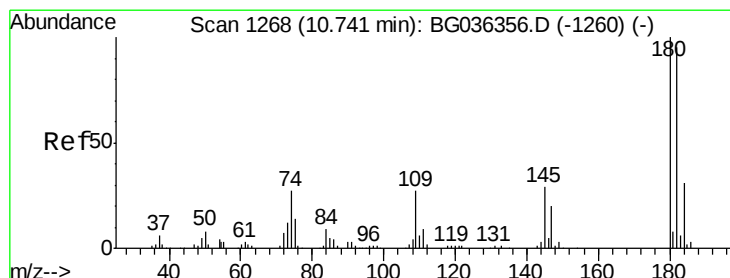
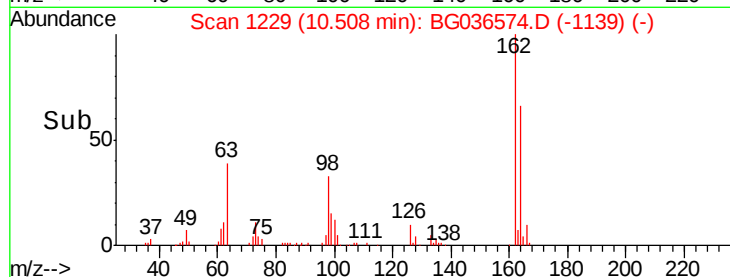
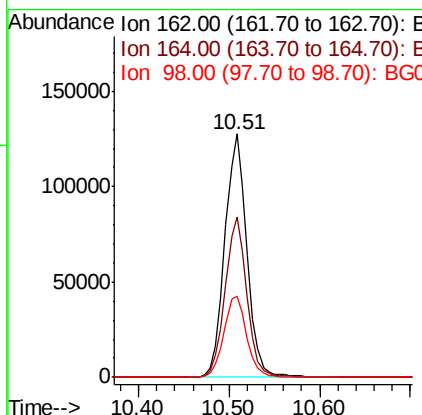
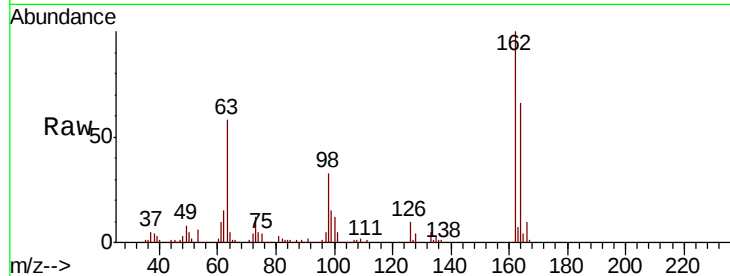




#29
 2,4-Dichlorophenol
 Concen: 59.662 ng
 RT: 10.51 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

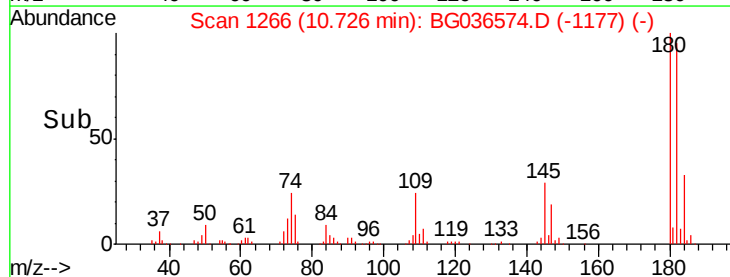
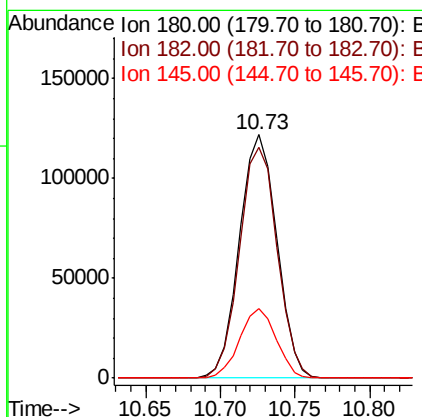
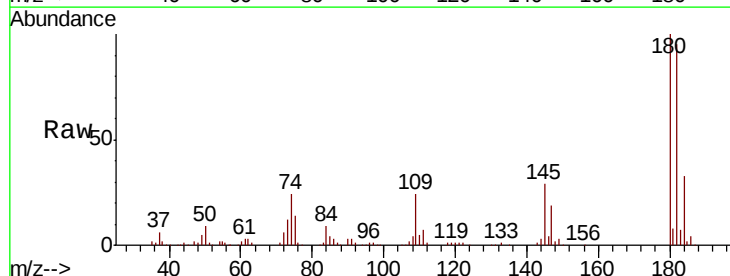
Instrument :
 BNA_F
 ClientSampleId :

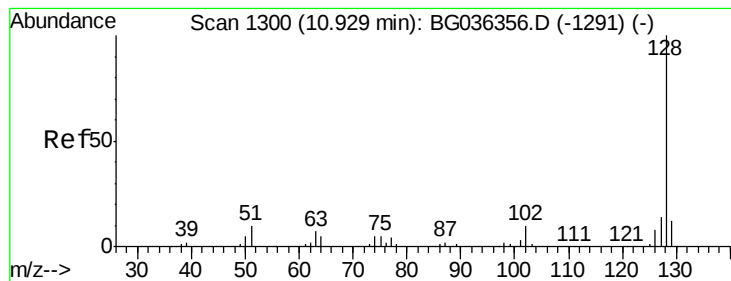
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	47.6	87.6
98	33.5	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 50.359 ng
 RT: 10.73 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.0	114.0
145	28.8	22.9	34.3





#31

Naphthalene

Concen: 54.725 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

Instrument :

BNA_F

ClientSampleId :

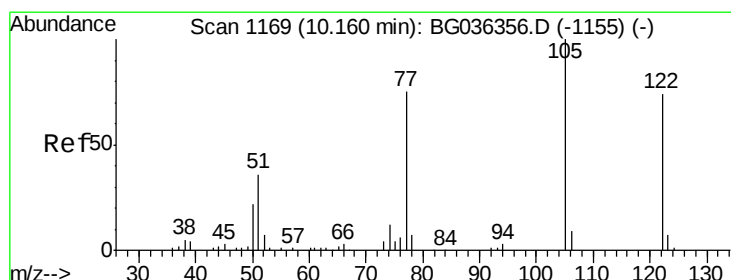
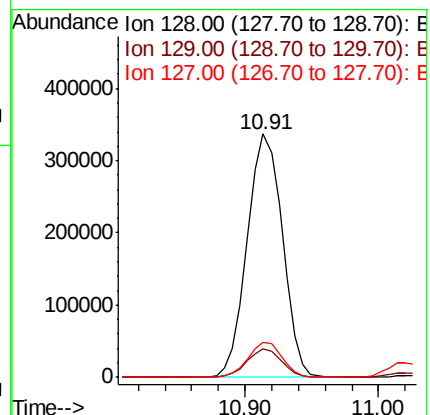
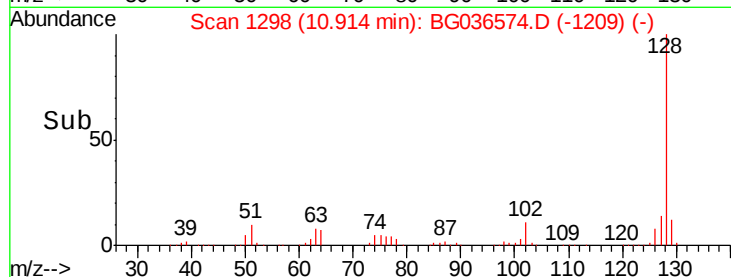
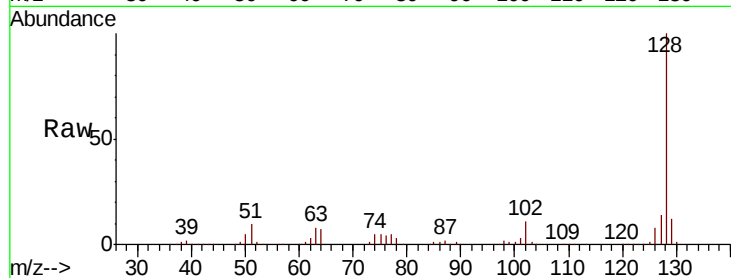
Tot Ion:128 Resp: 616515

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

127 14.5 11.0 16.4



#32

Benzoic acid

Concen: 42.381 ng

RT: 10.16 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

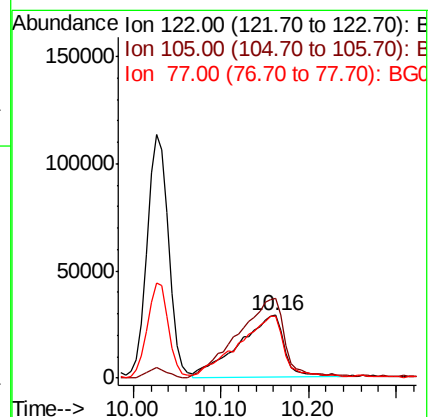
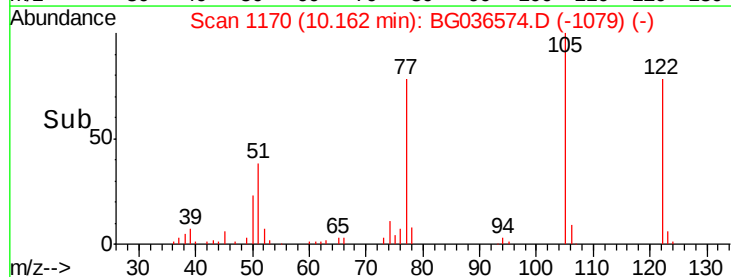
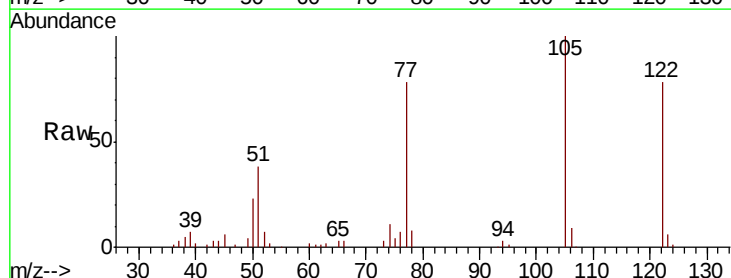
Tgt Ion:122 Resp: 101841

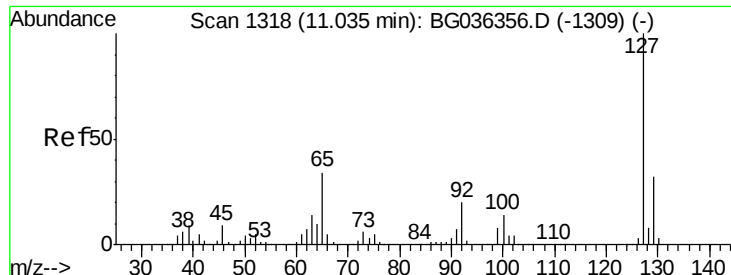
Ion Ratio Lower Upper

122 100

105 127.9 108.1 148.1

77 99.2 76.3 116.3

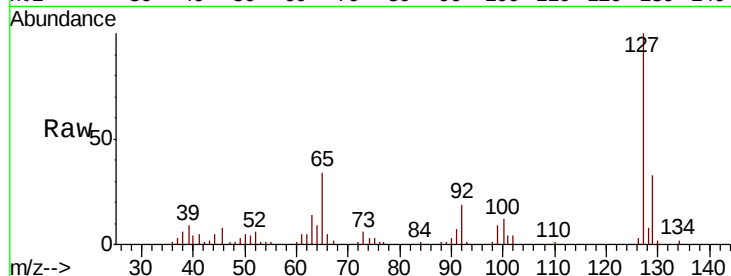




#33
4-Chloroaniline
Concen: 8.008 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	33.6	27.5	41.3
92	19.2	16.2	24.2



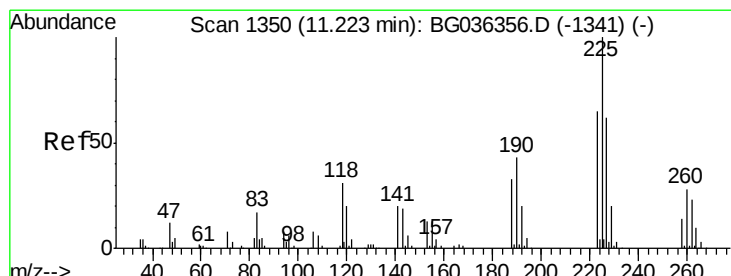
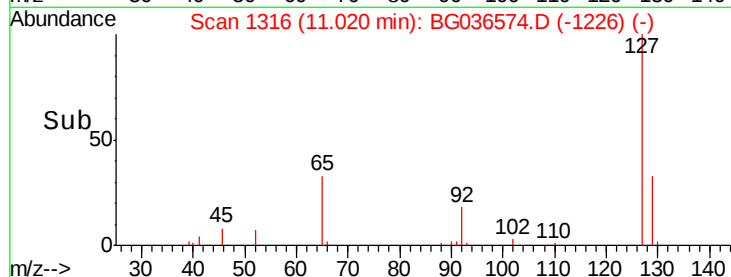
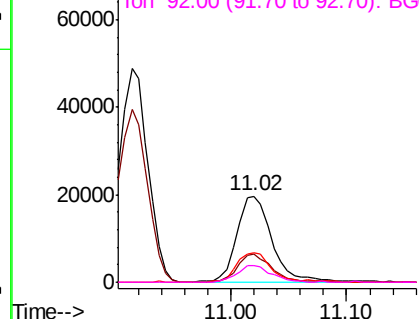
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

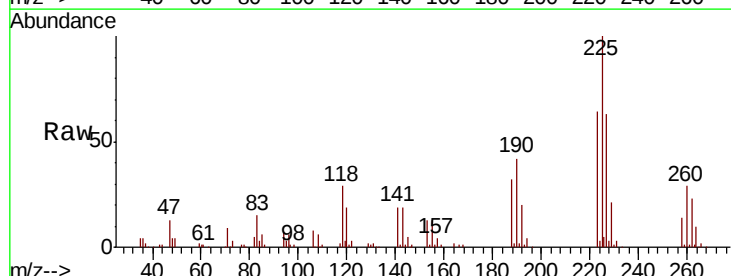
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 50.001 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.8	77.8
227	63.0	49.8	74.6

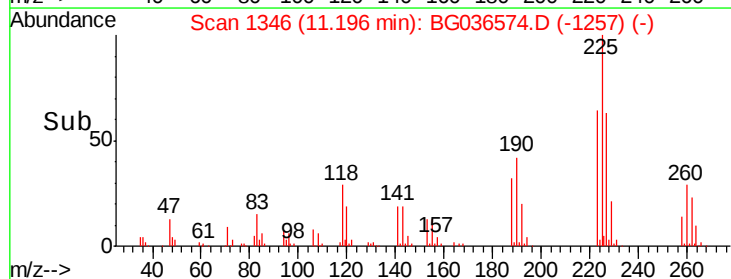
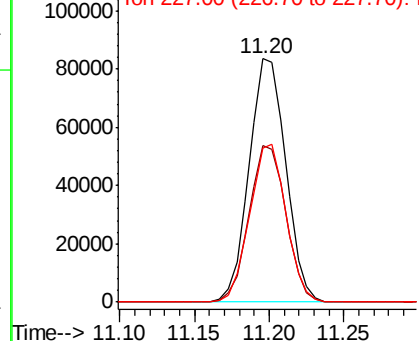


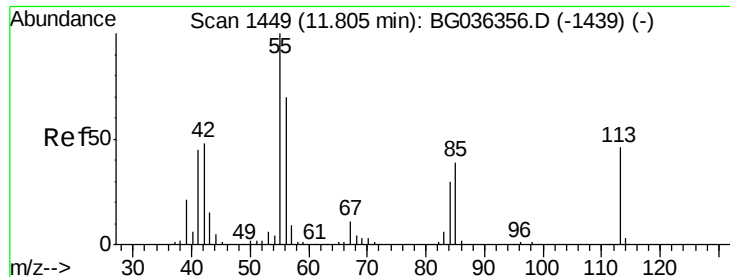
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

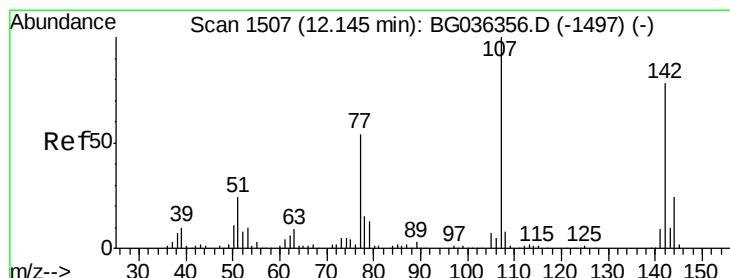
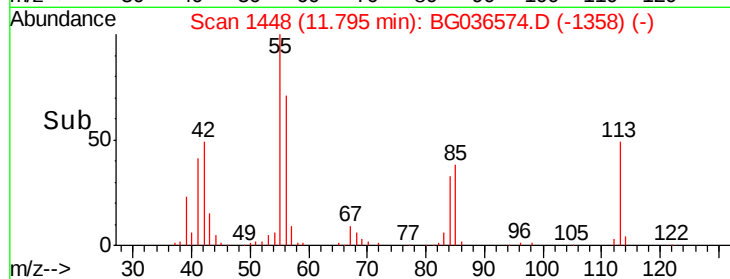
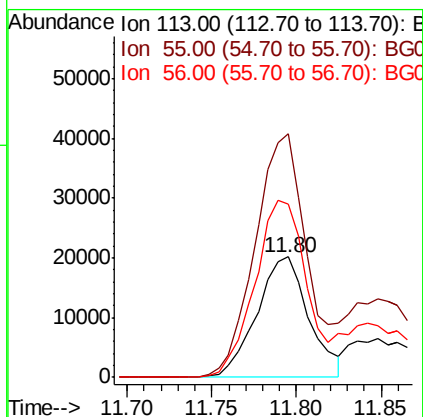
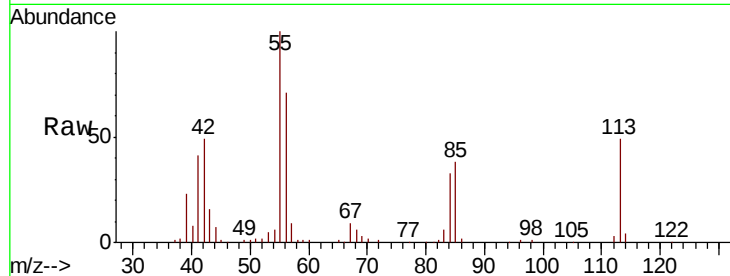




#35
Caprolactam
Concen: 30.031 ng
RT: 11.80 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

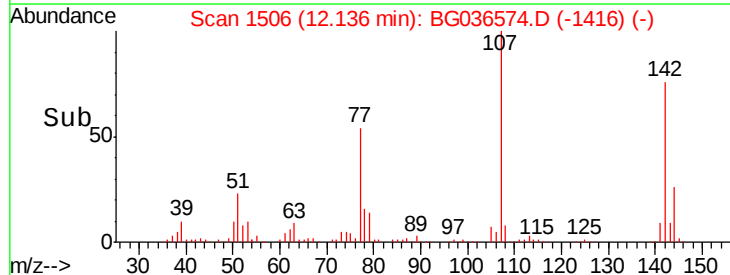
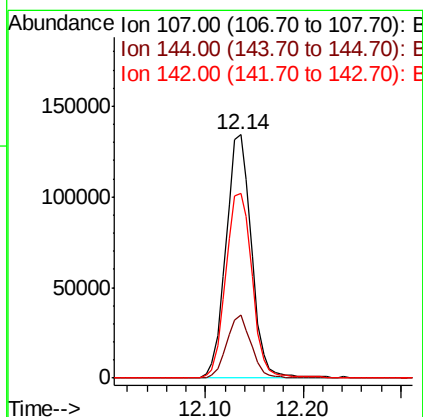
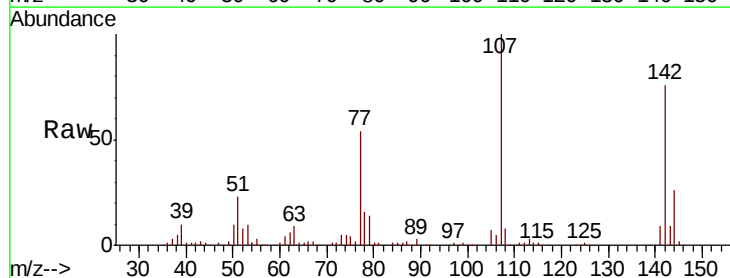
Instrument :
BNA_F
ClientSampled :

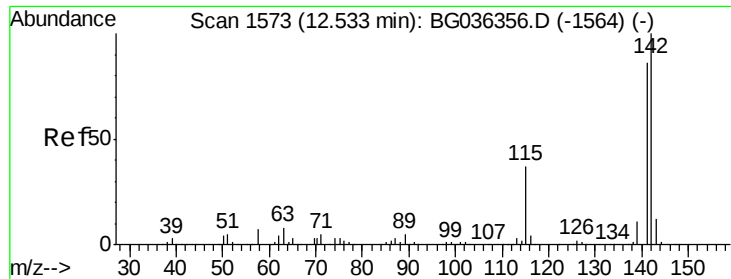
Tot Ion:113 Resp: 43083
Ion Ratio Lower Upper
113 100
55 202.4 197.7 237.7
56 144.2 131.7 171.7



#36
4-Chloro-3-methylphenol
Concen: 58.210 ng
RT: 12.14 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Tgt Ion:107 Resp: 243583
Ion Ratio Lower Upper
107 100
144 25.9 19.5 29.3
142 75.9 62.4 93.6

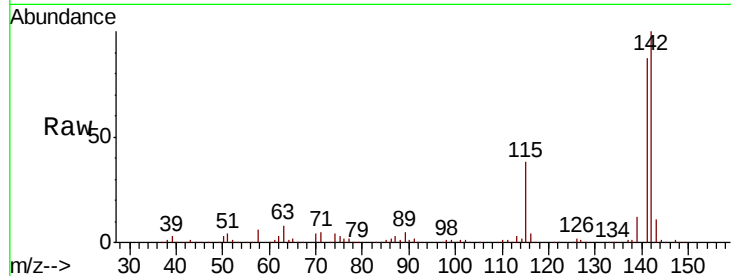




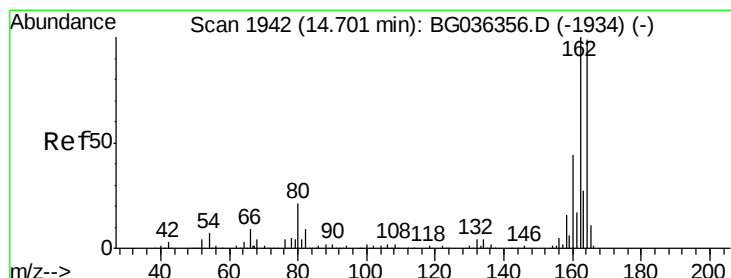
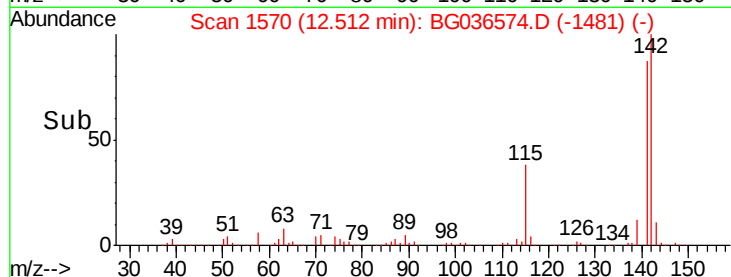
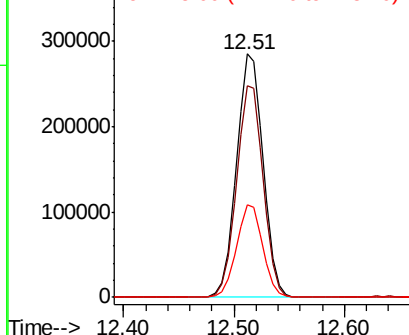
#37
2-Methylnaphthalene
Concen: 58.488 ng
RT: 12.51 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 482128
Ion Ratio Lower Upper
142 100
141 86.9 68.5 102.7
115 38.0 29.8 44.8

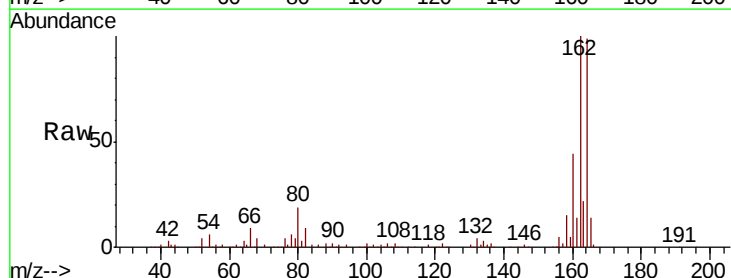


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

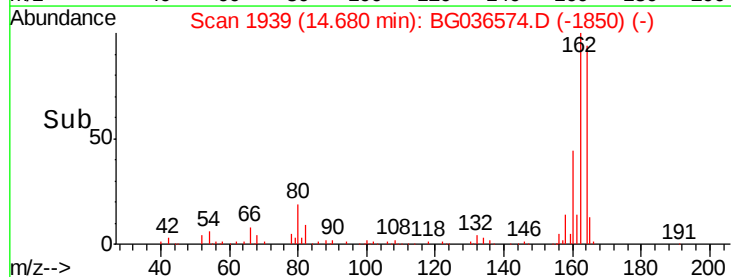
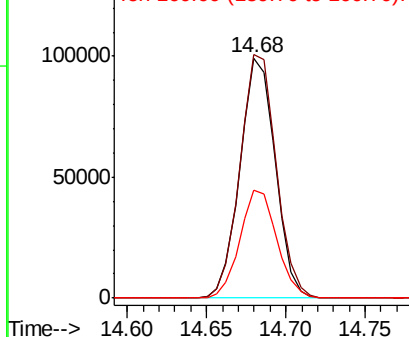


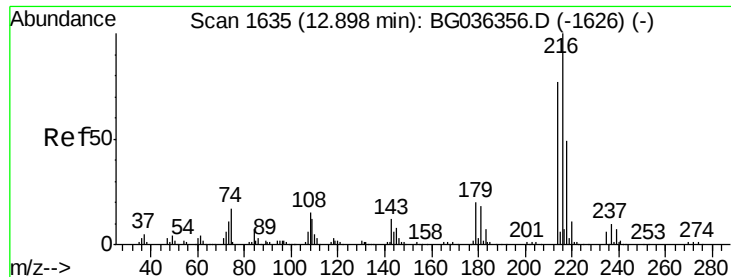
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Tgt Ion:164 Resp: 153422
Ion Ratio Lower Upper
164 100
162 101.5 80.7 121.1
160 44.8 35.3 52.9



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: 51.970 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 282168

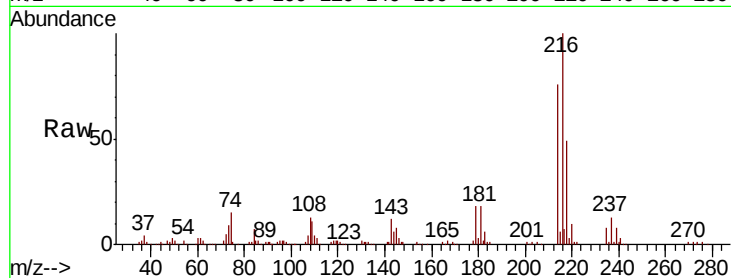
Ion Ratio Lower Upper

216 100

214 75.9 61.0 91.6

179 18.6 15.7 23.5

108 16.8 13.1 19.7

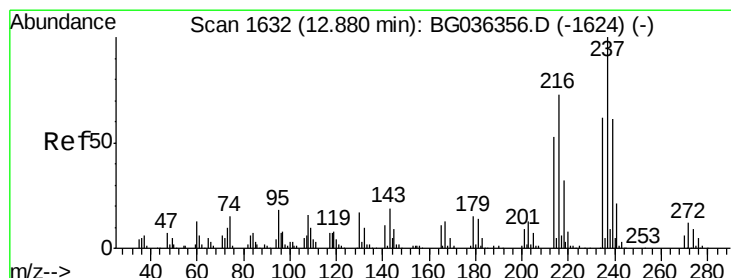
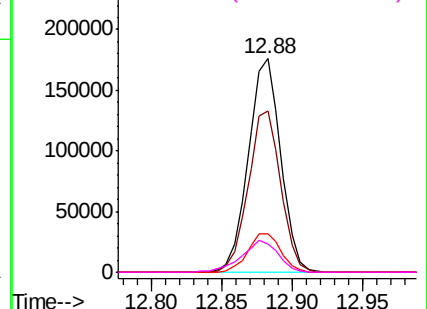
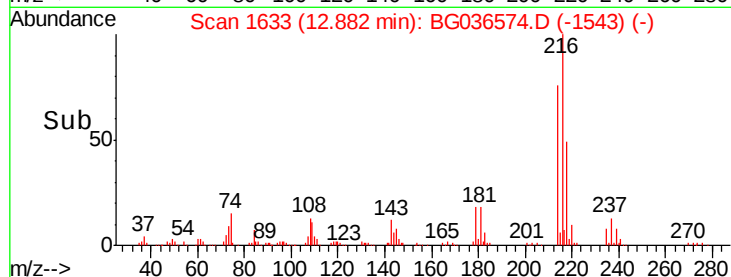


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 108.621 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

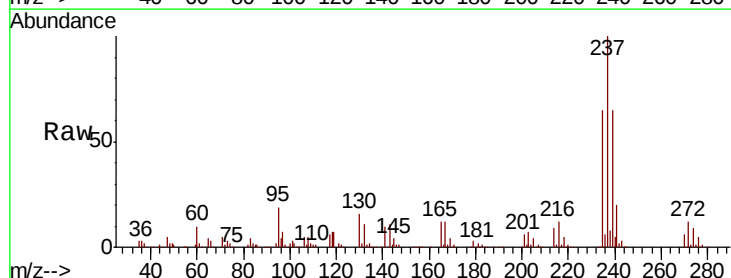
Tgt Ion:237 Resp: 306846

Ion Ratio Lower Upper

237 100

235 64.6 42.2 82.2

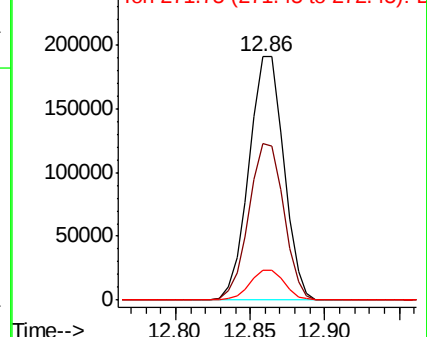
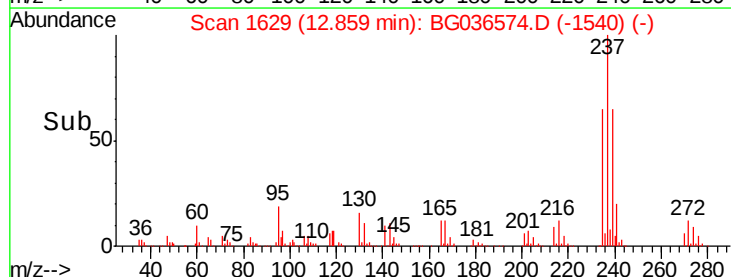
272 12.4 0.0 32.1

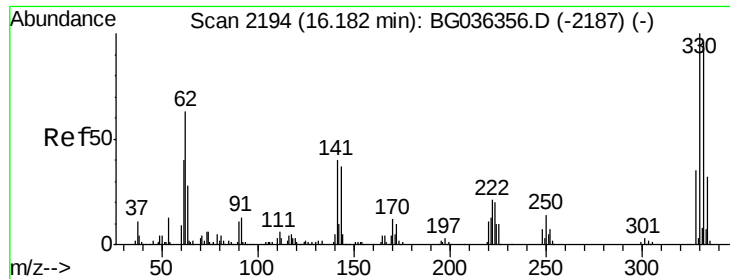


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

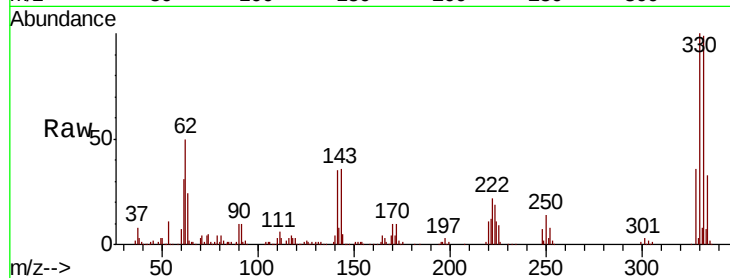




#41
 2,4,6-Tribromophenol
 Concen: 143.431 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.2
141	37.3	30.7	46.1

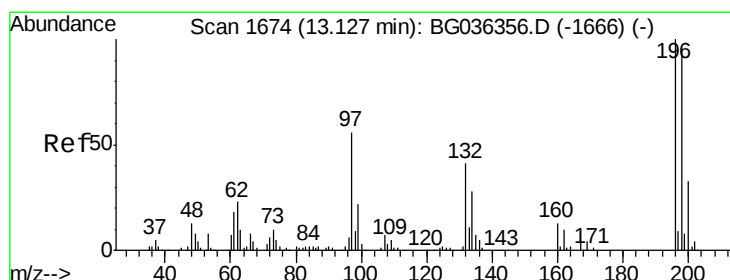
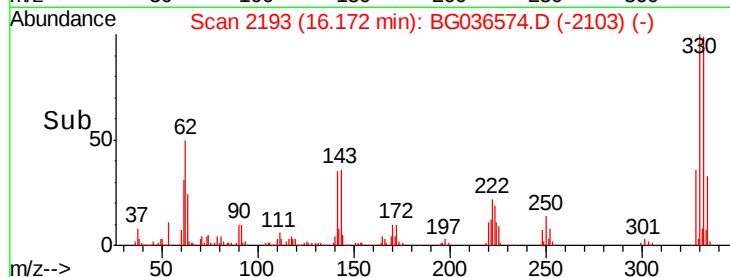
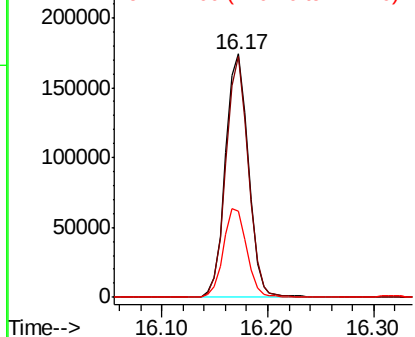


Abundance

Ion 329.80 (329.50 to 330.50): E

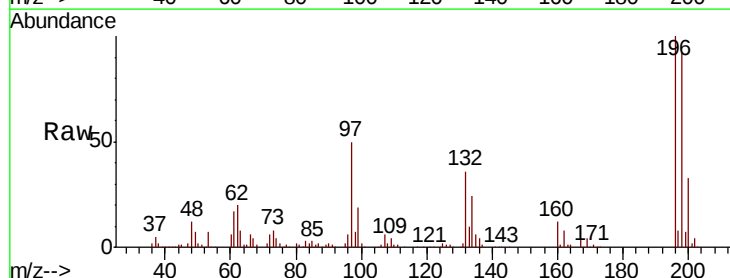
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 58.265 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.2	77.2	115.8
200	33.0	26.3	39.5

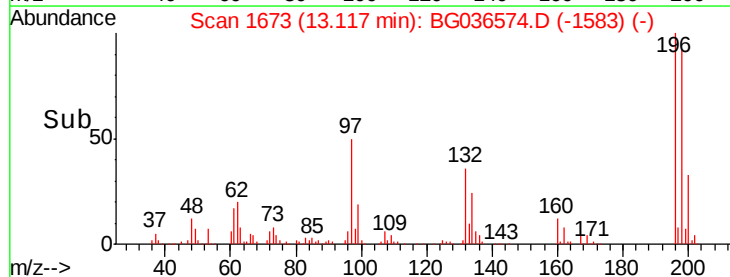
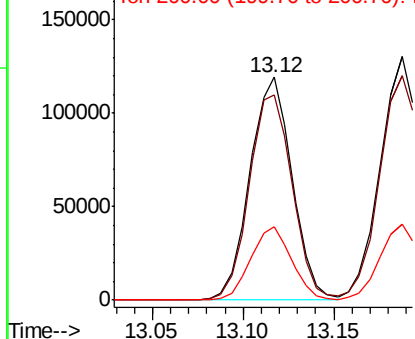


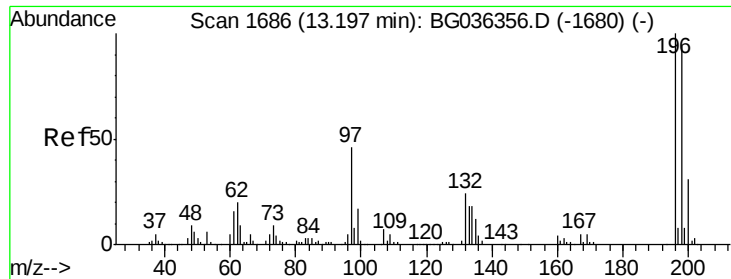
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

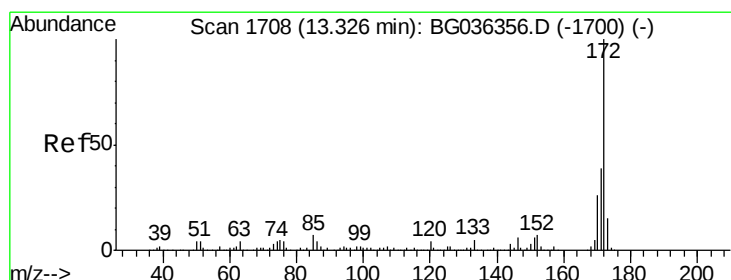
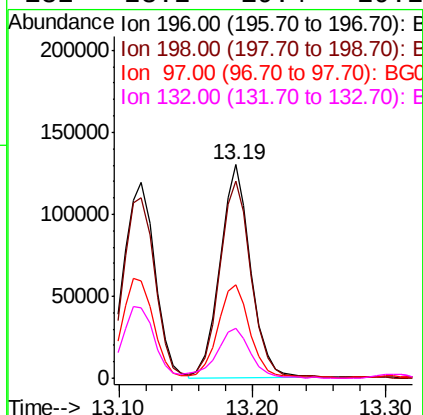
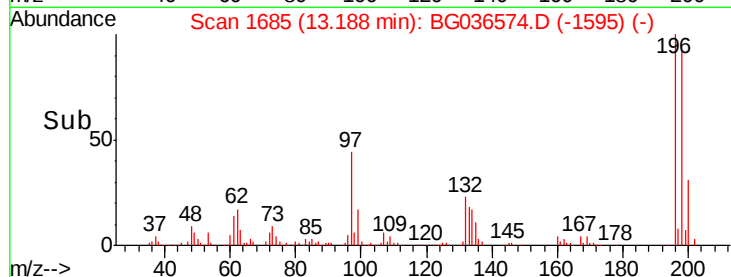
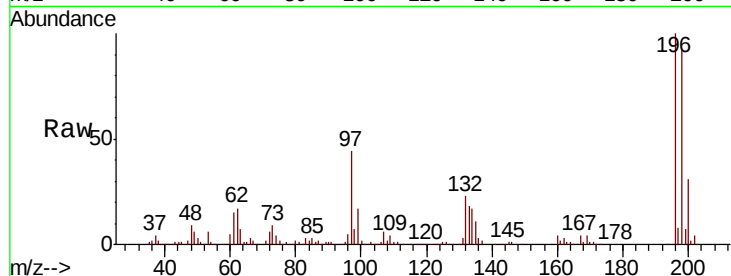




#43
 2,4,5-Trichlorophenol
 Concen: 59.212 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

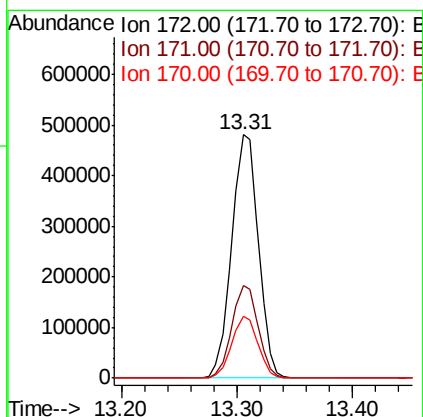
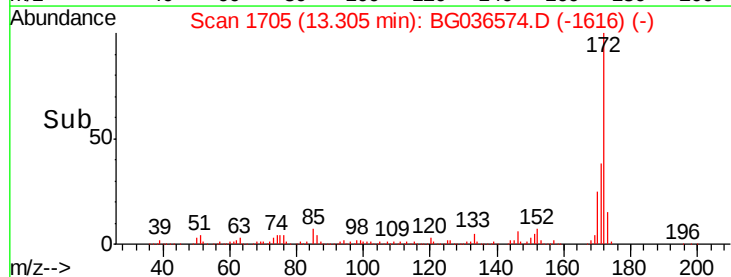
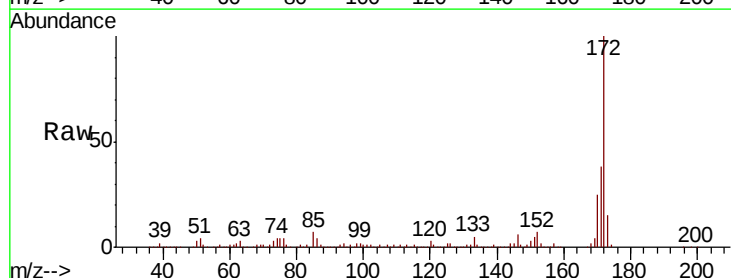
Instrument :
 BNA_F
 ClientSampleId :

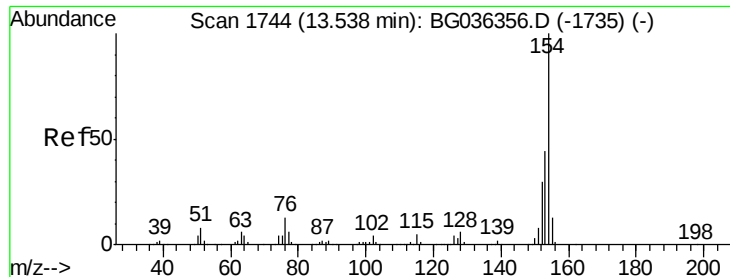
Tot Ion	Ratio	Lower	Upper
196	100		
198	92.1	75.6	113.4
97	43.7	37.2	55.8
132	23.2	19.4	29.2



#44
 2-Fluorobiphenyl
 Concen: 71.676 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	25.5	21.0	31.6

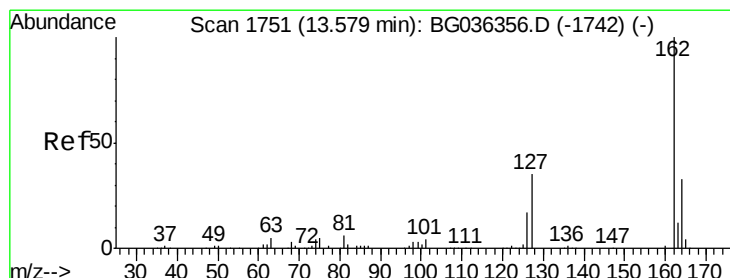
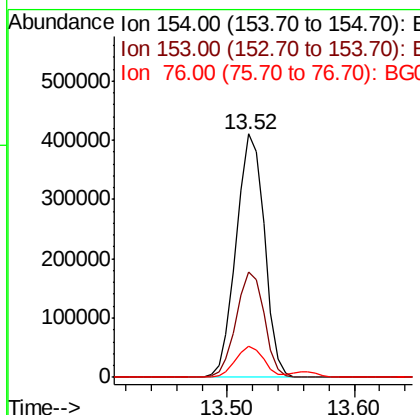
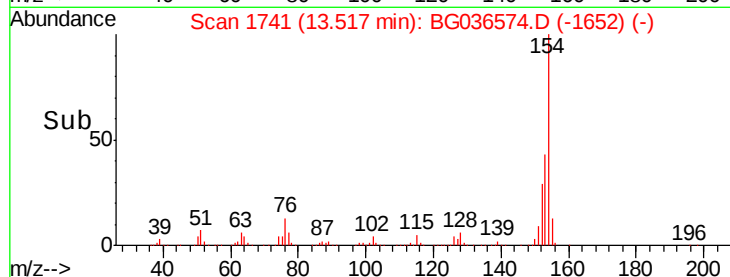
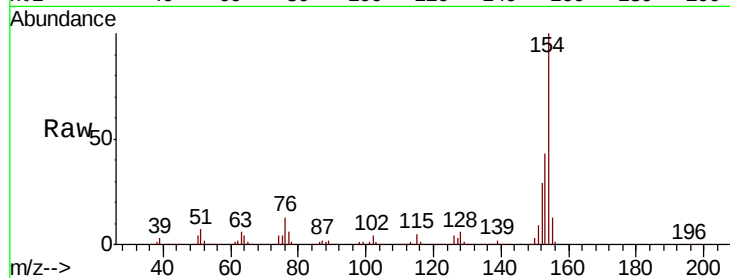




#45
 1,1'-Biphenyl
 Concen: 49.680 ng
 RT: 13.52 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

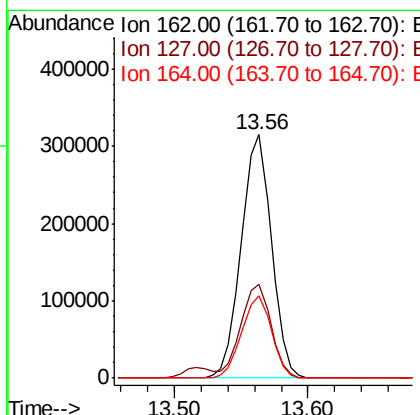
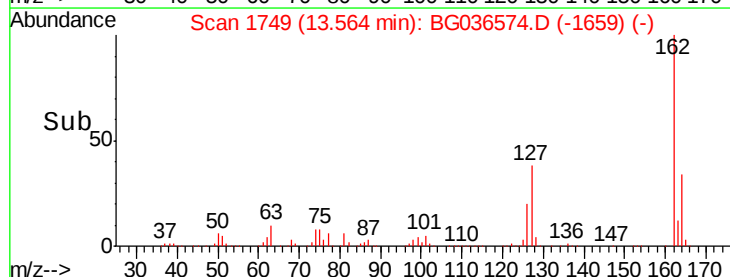
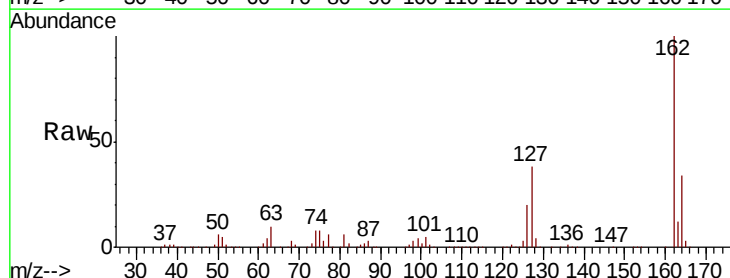
Instrument :
 BNA_F
 ClientSampleId :

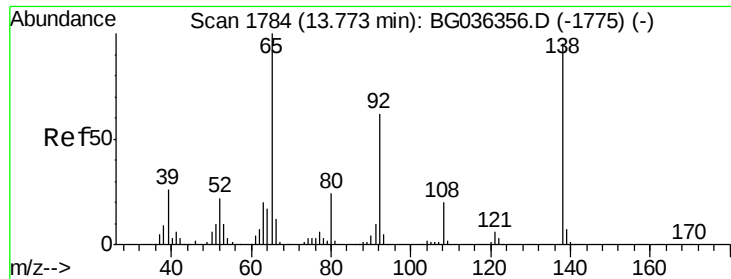
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.3	24.0	64.0
76	13.0	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 50.701 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. 0.00 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.4	30.7	46.1
164	33.8	26.7	40.1





#47

2-Nitroaniline

Concen: 60.800 ng

RT: 13.76 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

Instrument :

BNA_F

ClientSampleId :

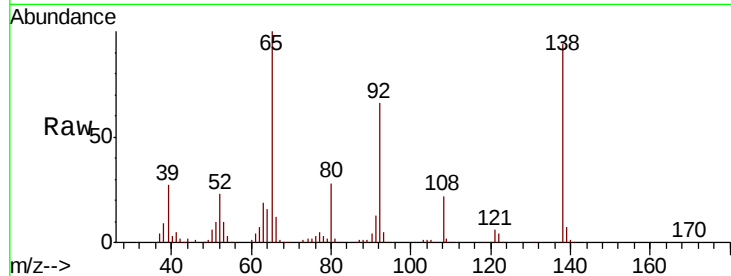
Tot Ion: 65 Resp: 185622

Ion Ratio Lower Upper

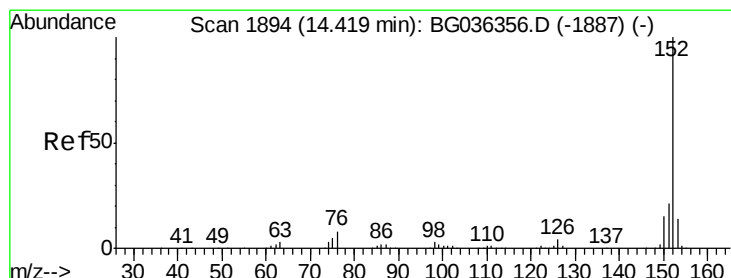
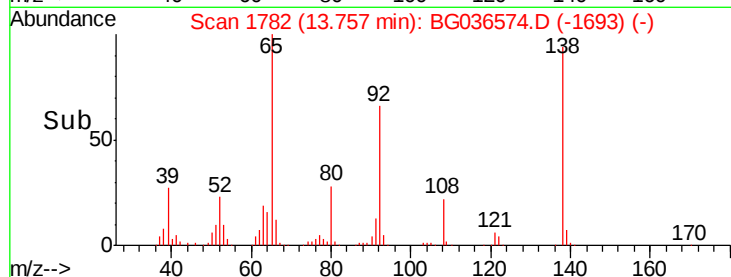
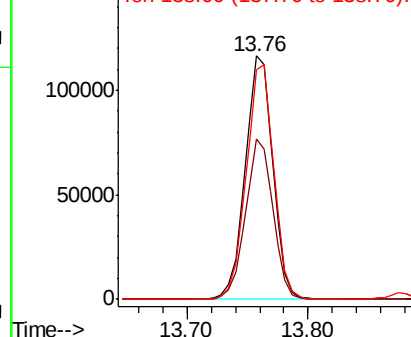
65 100

92 66.2 49.9 74.9

138 94.4 76.2 114.4



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



#48

Acenaphthylene

Concen: 55.766 ng

RT: 14.40 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

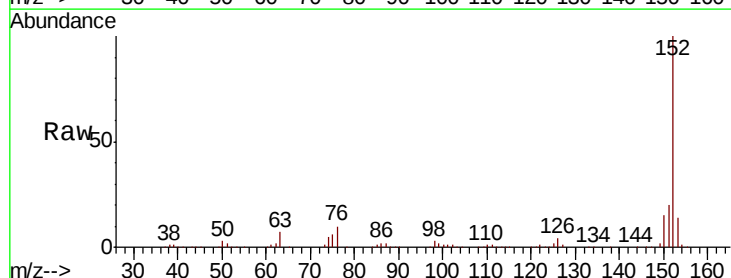
Tgt Ion: 152 Resp: 847330

Ion Ratio Lower Upper

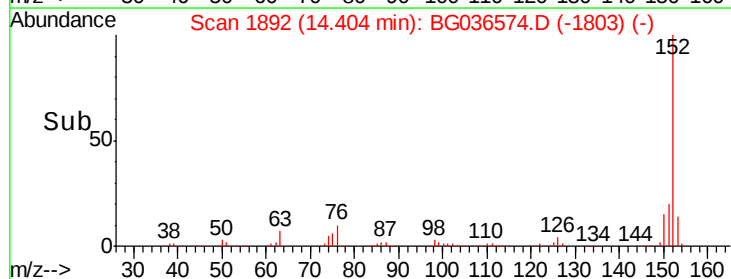
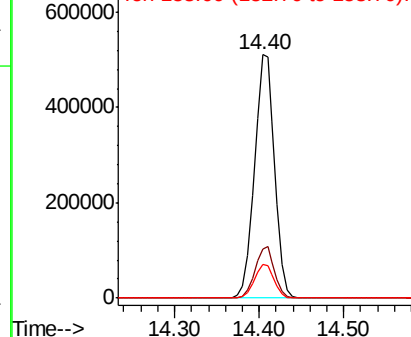
152 100

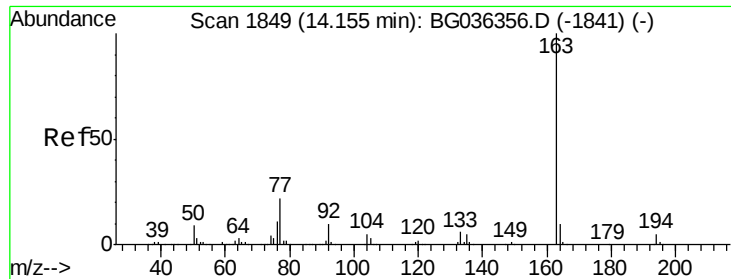
151 20.4 16.9 25.3

153 14.1 11.2 16.8



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





#49

Dimethylphthalate

Concen: 55.248 ng

RT: 14.14 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

Instrument :

BNA_F

ClientSampleId :

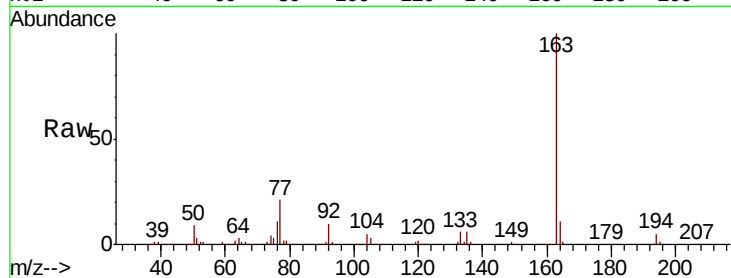
Tot Ion:163 Resp: 692134

Ion Ratio Lower Upper

163 100

194 5.2 4.0 6.0

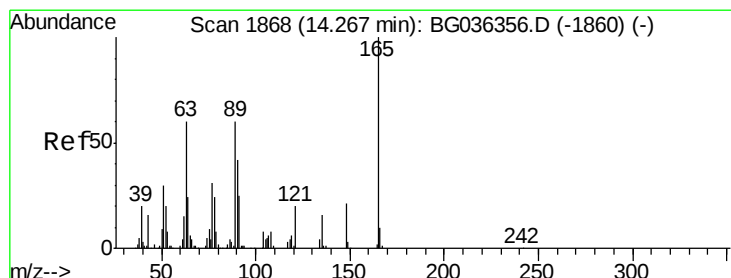
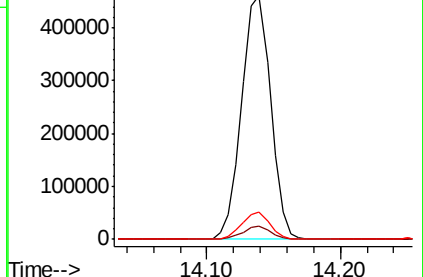
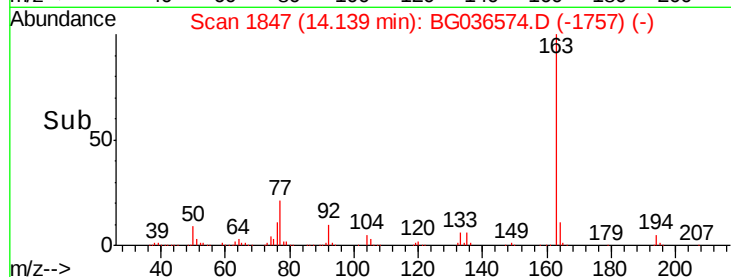
164 11.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 59.746 ng

RT: 14.26 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

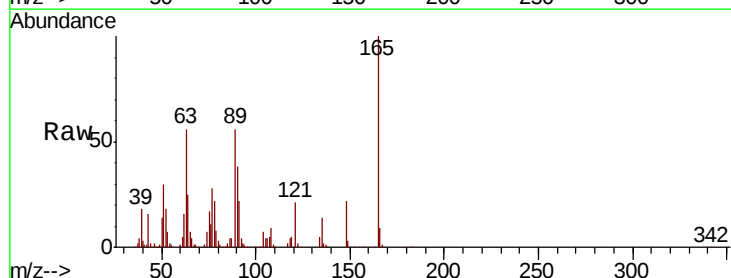
Tgt Ion:165 Resp: 154017

Ion Ratio Lower Upper

165 100

63 56.0 50.1 75.1

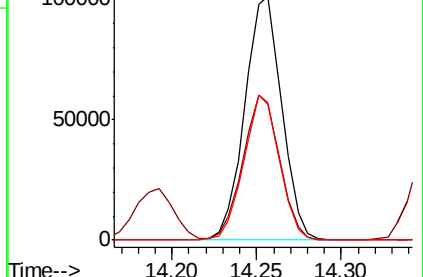
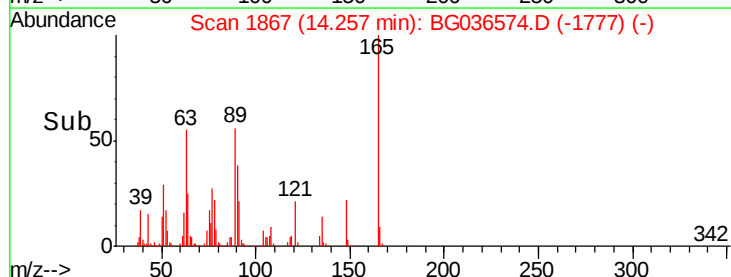
89 56.4 47.8 71.6

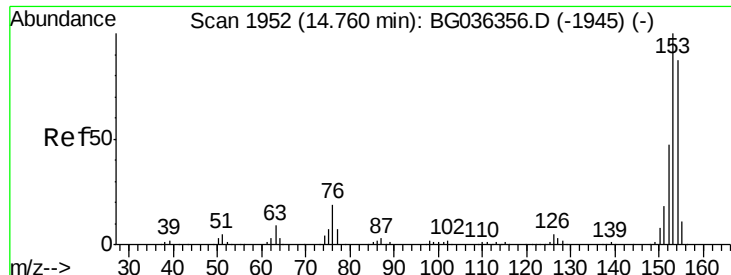


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 52.300 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

Instrument :

BNA_F

ClientSampleId :

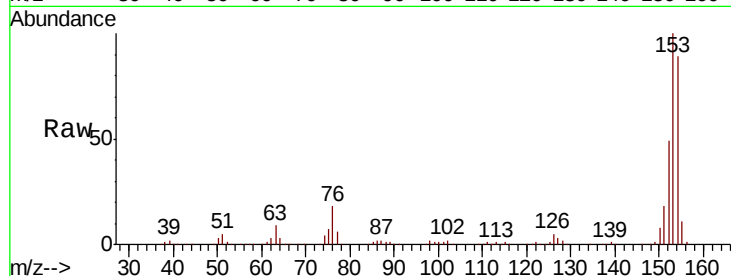
Tot Ion:154 Resp: 508940

Ion Ratio Lower Upper

154 100

153 112.2 91.8 137.6

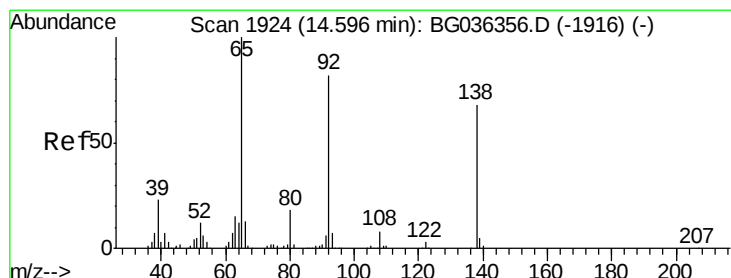
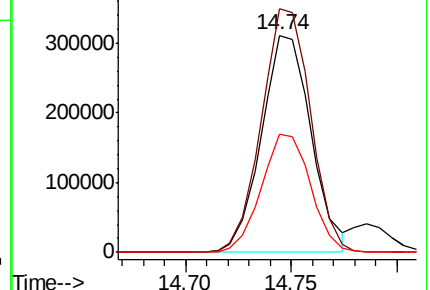
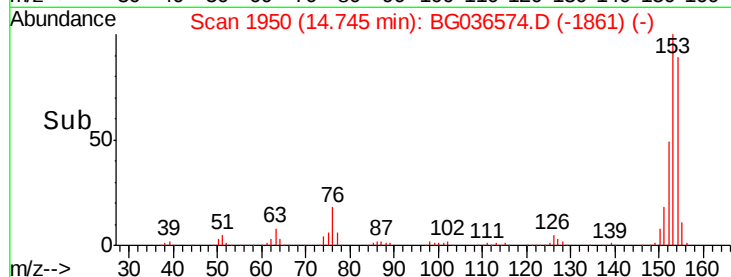
152 54.5 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.288 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

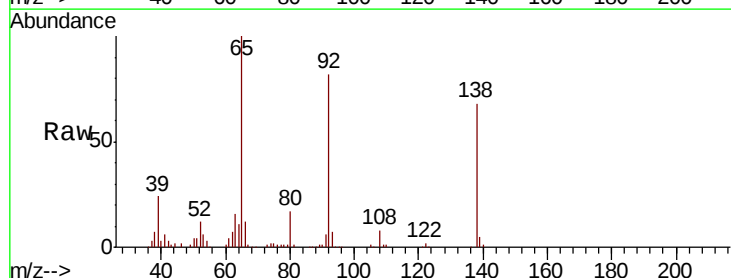
Tgt Ion:138 Resp: 89696

Ion Ratio Lower Upper

138 100

108 11.4 9.4 14.2

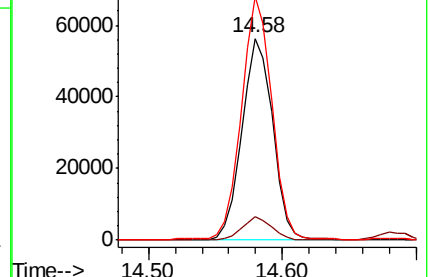
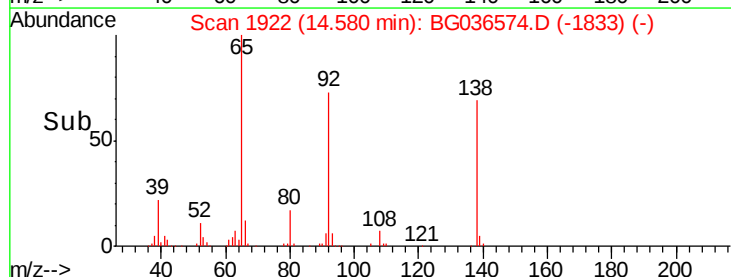
92 120.5 96.8 145.2

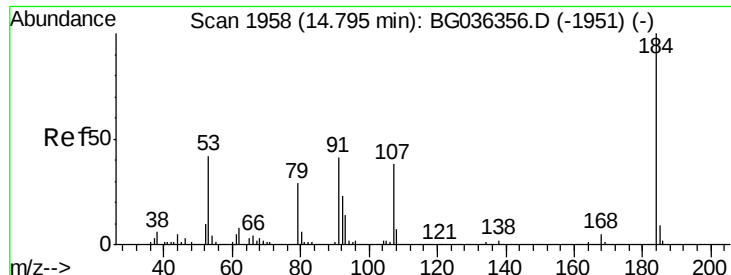


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

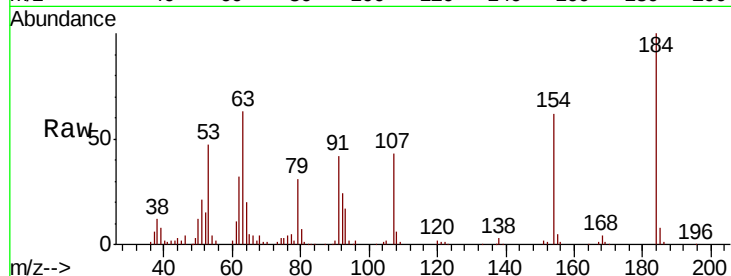




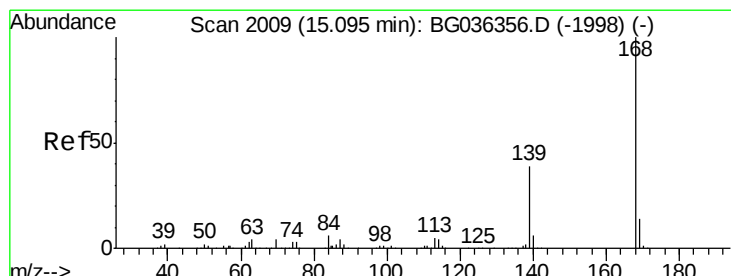
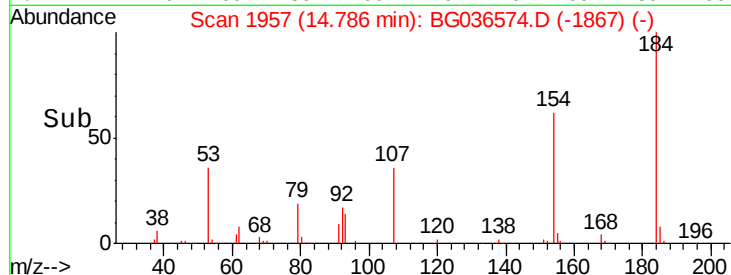
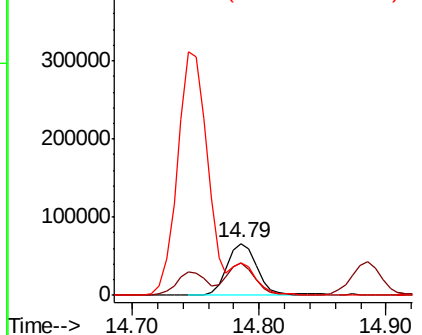
#53
2,4-Dinitrophenol
Concen: 113.940 ng
RT: 14.79 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 111256
Ion Ratio Lower Upper
184 100
63 62.9 47.3 70.9
154 61.9 51.1 76.7

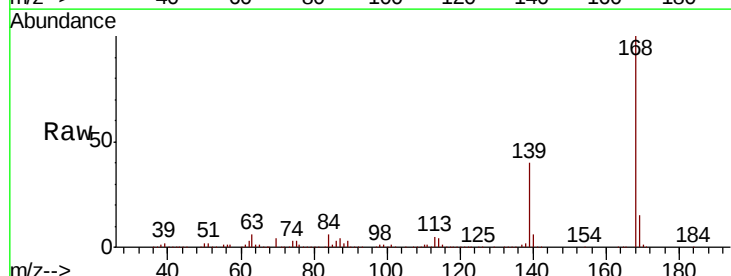


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

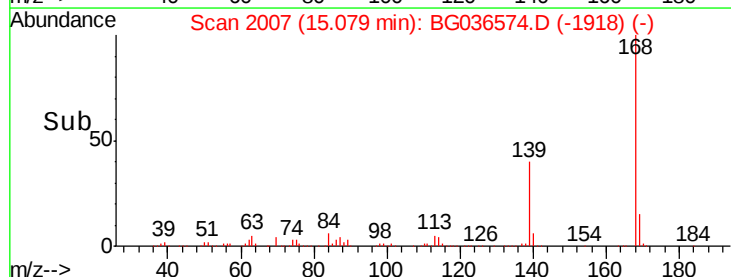
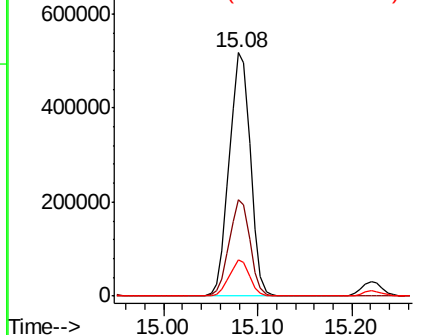


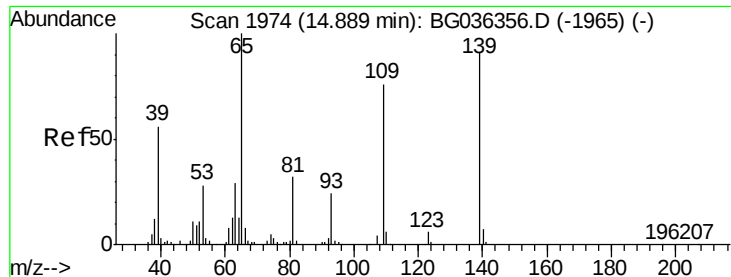
#54
Dibenzofuran
Concen: 53.279 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Tgt Ion:168 Resp: 812266
Ion Ratio Lower Upper
168 100
139 39.7 31.0 46.6
169 14.8 11.1 16.7



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

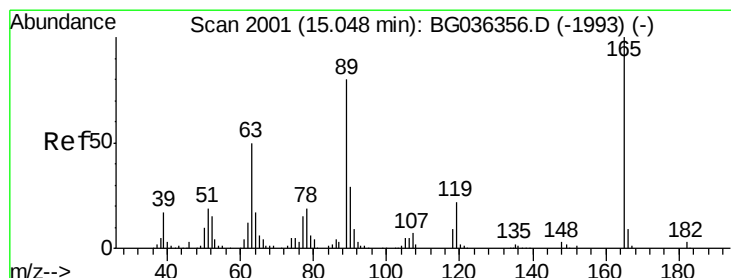
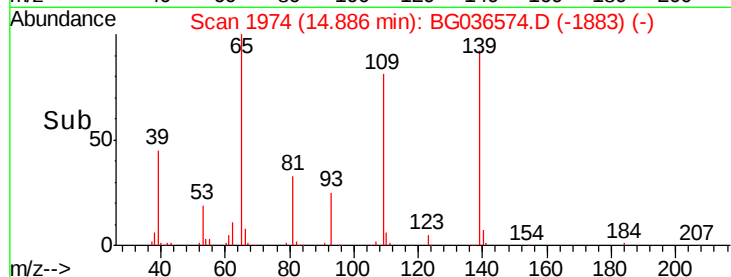
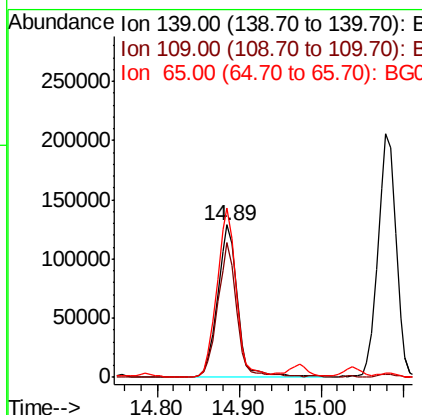
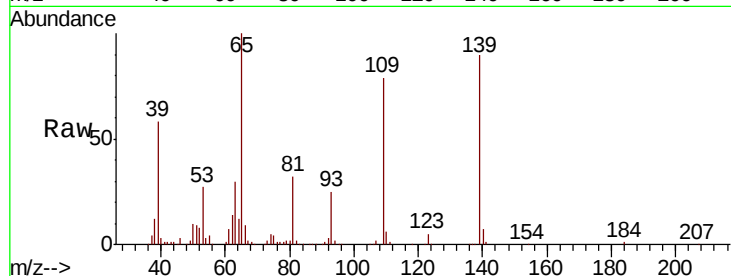




#55
4-Nitrophenol
Concen: 97.453 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

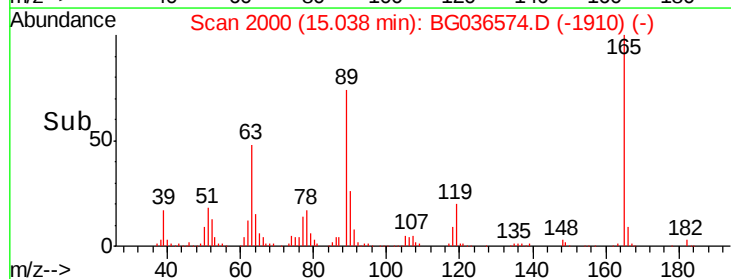
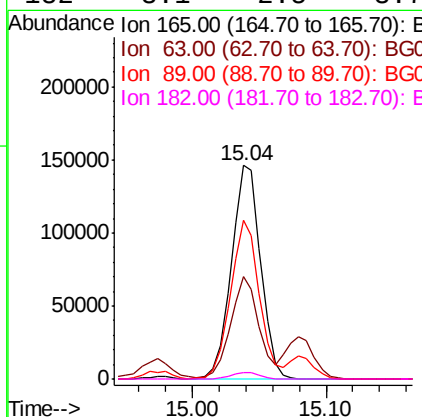
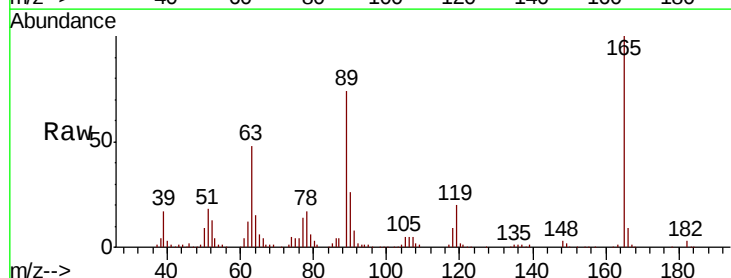
Instrument :
BNA_F
ClientSampleId :

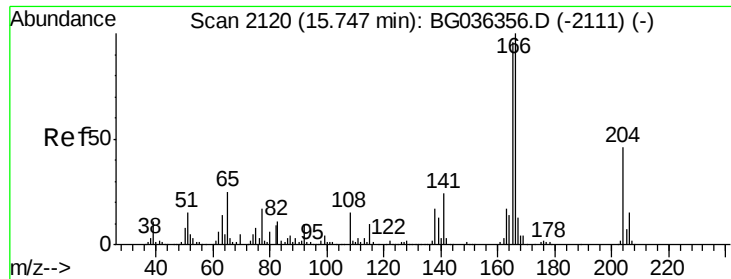
Tot Ion	Ratio	Lower	Upper
139	100		
109	87.9	63.9	103.9
65	111.2	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 66.073 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.0	40.1	60.1
89	74.5	63.7	95.5
182	3.1	2.5	3.7

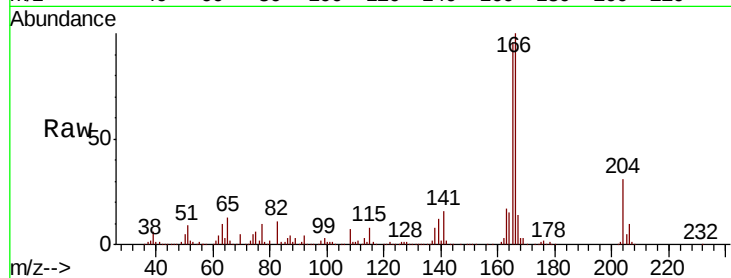




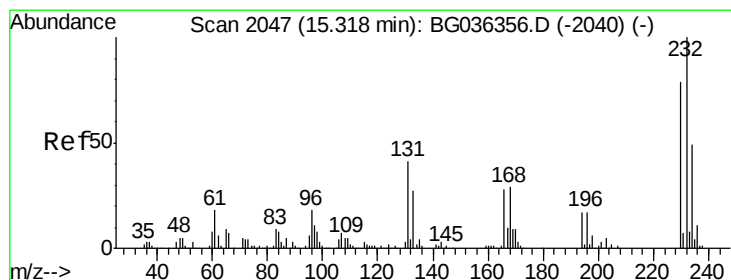
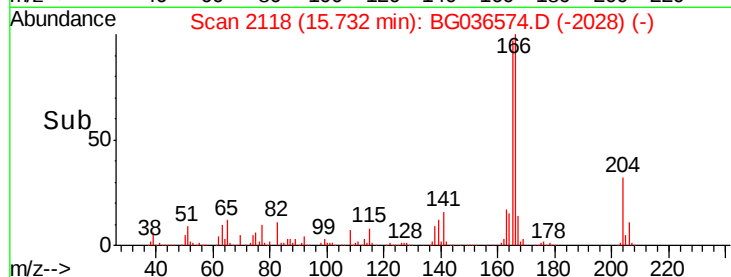
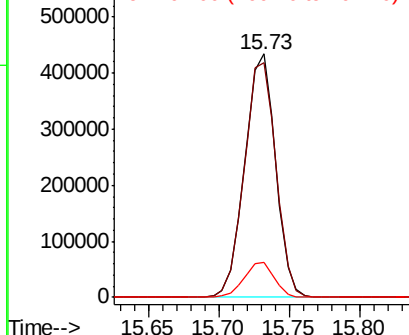
#57
 Fluorene
 Concen: 58.422 ng
 RT: 15.73 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 665828
 Ion Ratio Lower Upper
 166 100
 165 96.3 77.0 115.4
 167 14.3 10.6 16.0

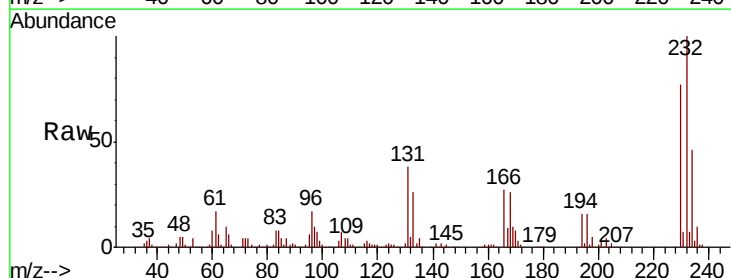


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

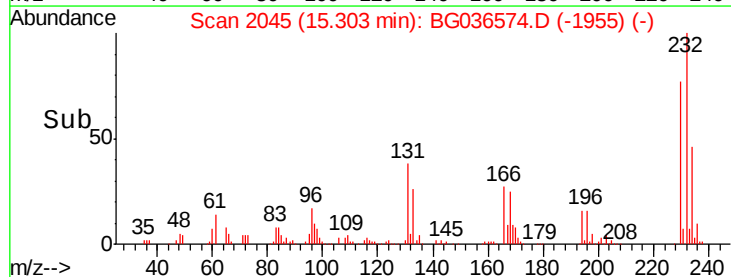
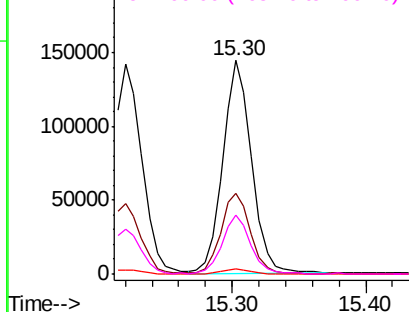


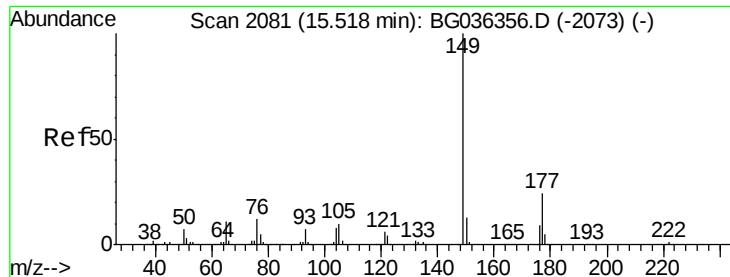
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 65.544 ng
 RT: 15.30 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

Tgt Ion:232 Resp: 217237
 Ion Ratio Lower Upper
 232 100
 131 38.5 33.8 50.8
 130 2.3 2.1 3.1
 166 26.9 22.3 33.5



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

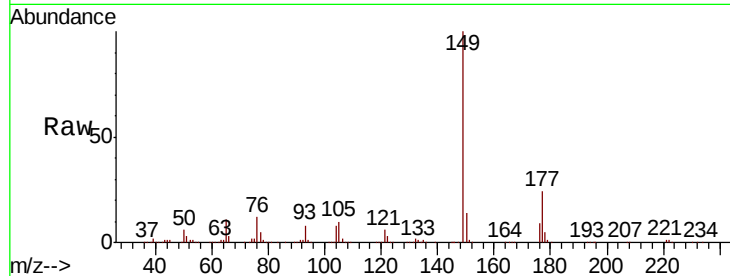




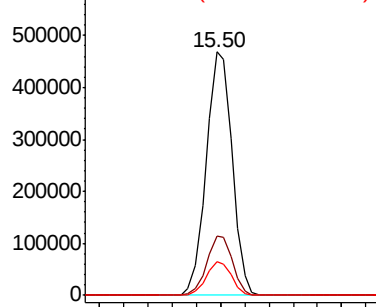
#59
Diethylphthalate
Concen: 55.418 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Instrument :
BNA_F
ClientSampleId :

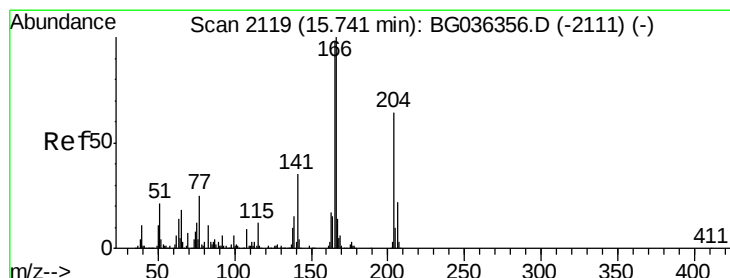
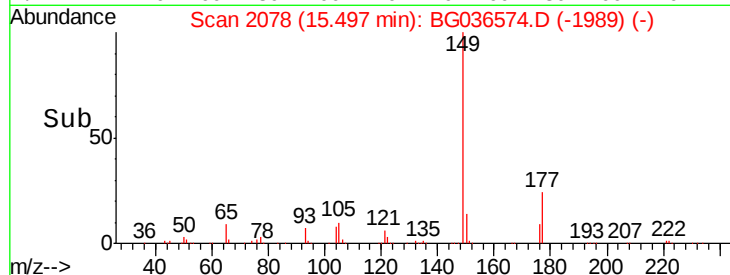
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.1	28.7
150	13.8	10.7	16.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

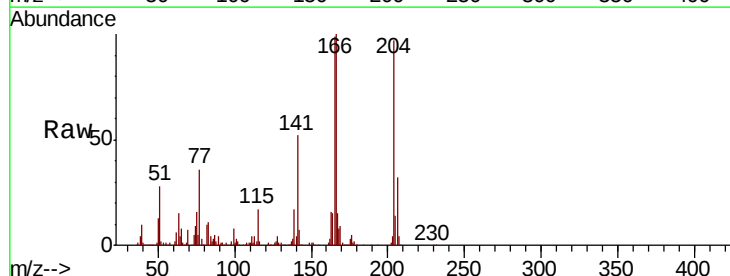


Time--> 15.40 15.50 15.60

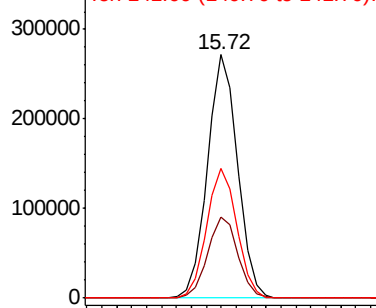


#60
4-Chlorophenyl-phenylether
Concen: 53.976 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

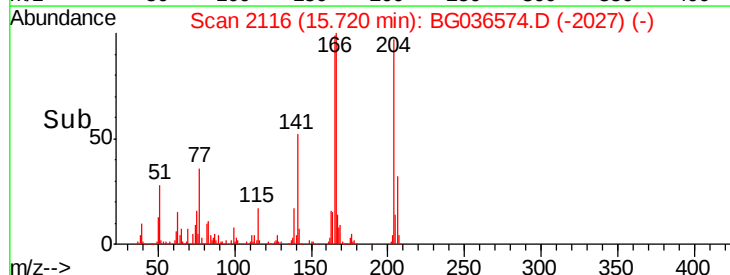
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.0	40.4
141	53.4	43.8	65.6

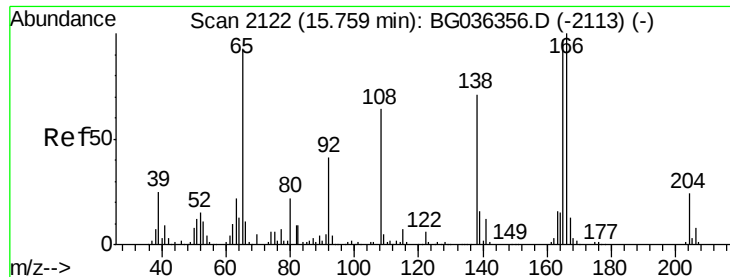


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time--> 15.65 15.70 15.75 15.80





#61

4-Nitroaniline

Concen: 58.713 ng

RT: 15.75 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

Instrument :

BNA_F

ClientSampleId :

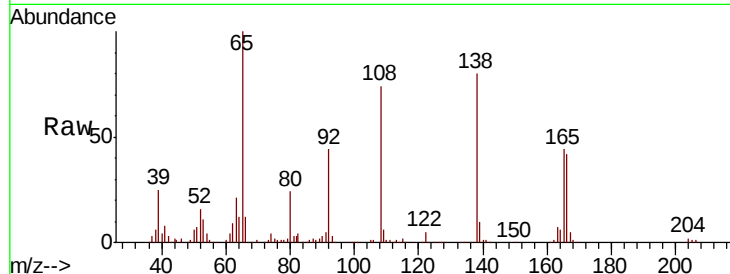
Tot Ion:138 Resp: 170678

Ion Ratio Lower Upper

138 100

92 55.4 38.5 78.5

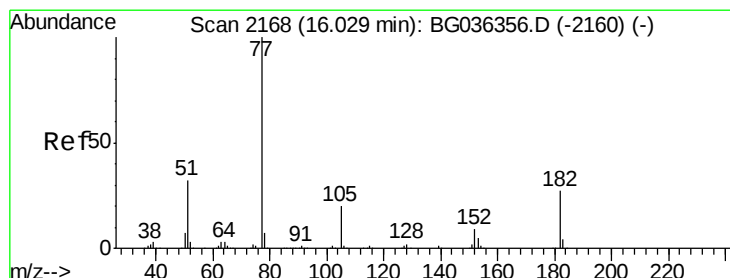
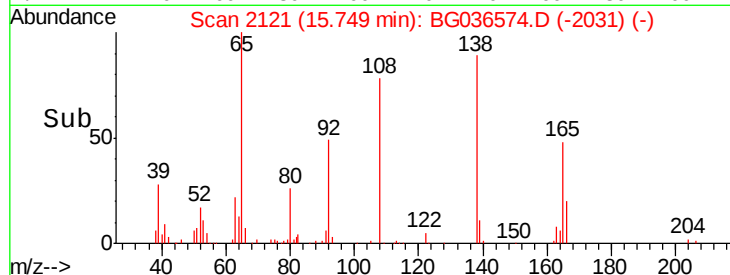
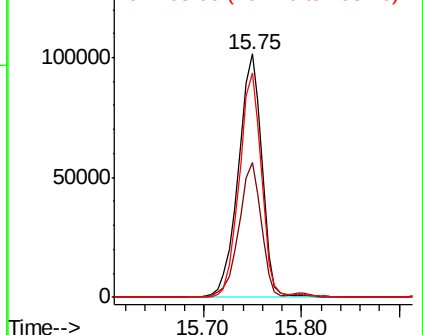
108 92.4 70.3 110.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 53.330 ng

RT: 16.01 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

Tgt Ion: 77 Resp: 685077

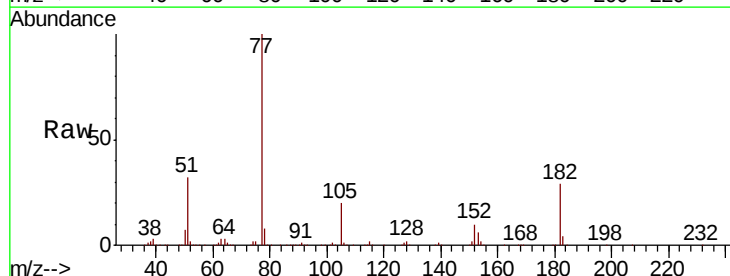
Ion Ratio Lower Upper

77 100

182 29.3 6.7 46.7

105 20.5 0.0 39.8

51 31.9 12.4 52.4

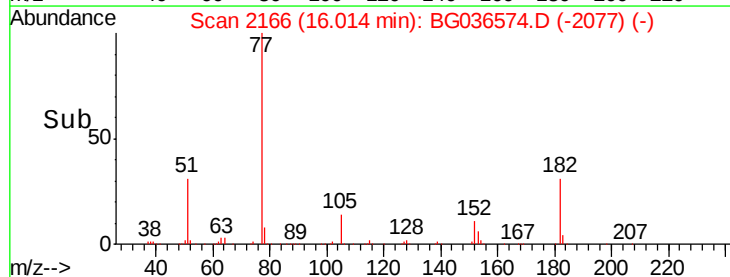
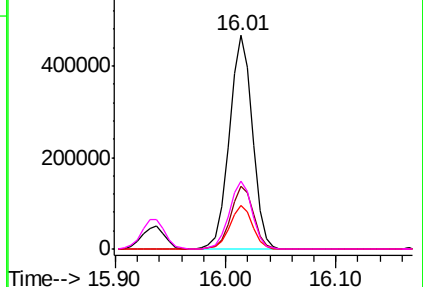


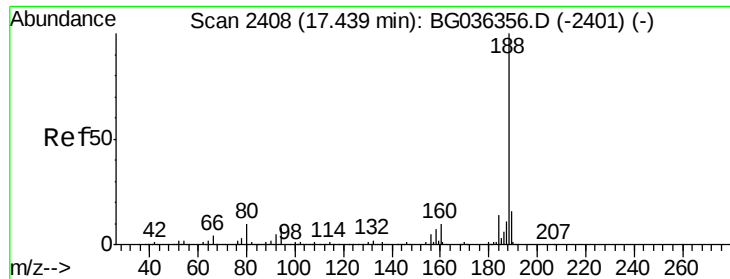
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG

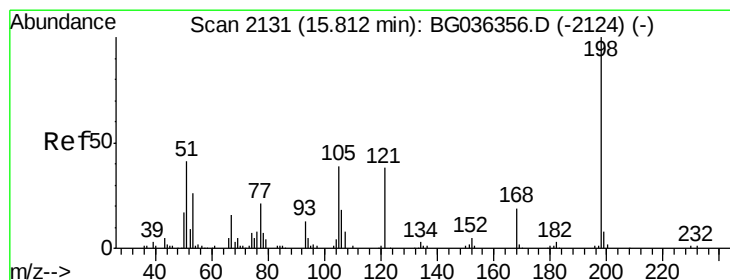
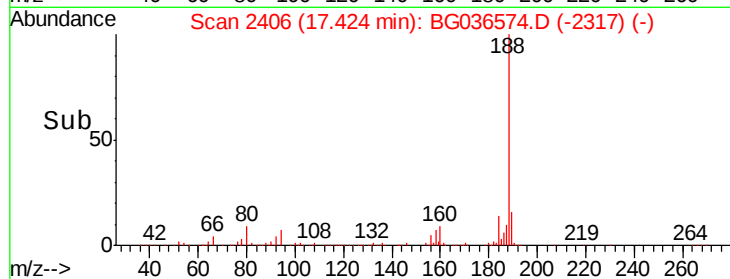
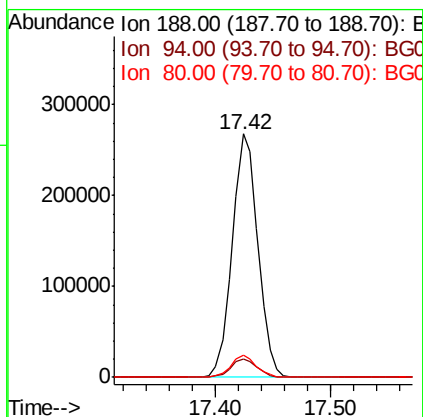
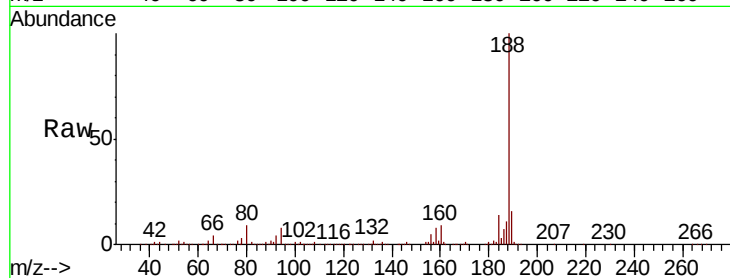




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

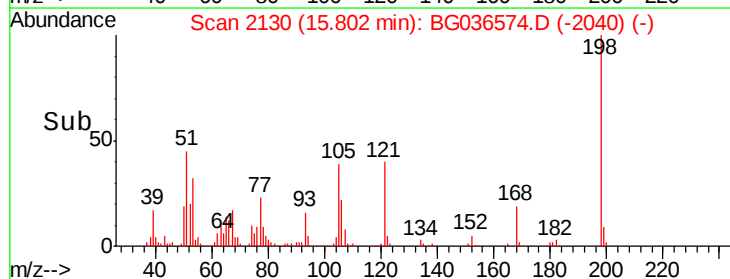
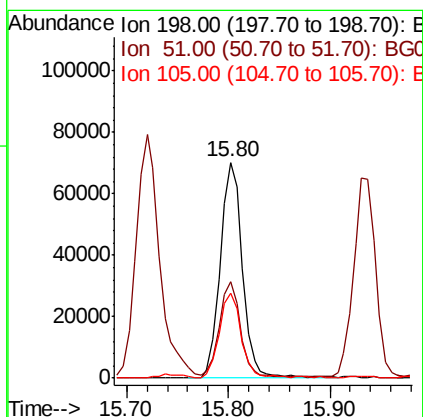
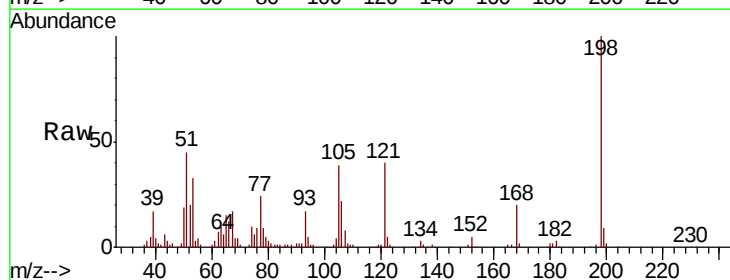
Instrument :
BNA_F
ClientSampleId :

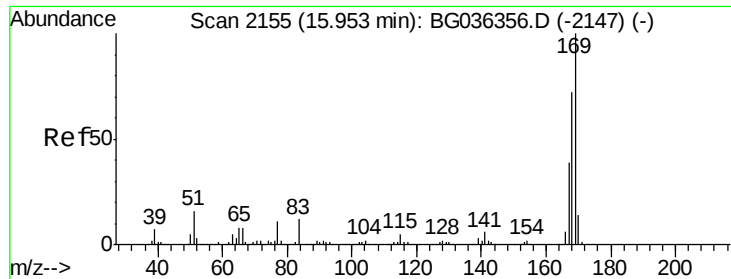
Tot Ion:188 Resp: 410653
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.9 8.1 12.1



#64
4,6-Dinitro-2-methylphenol
Concen: 59.295 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Tgt Ion:198 Resp: 106963
Ion Ratio Lower Upper
198 100
51 44.8 26.5 66.5
105 39.4 20.2 60.2

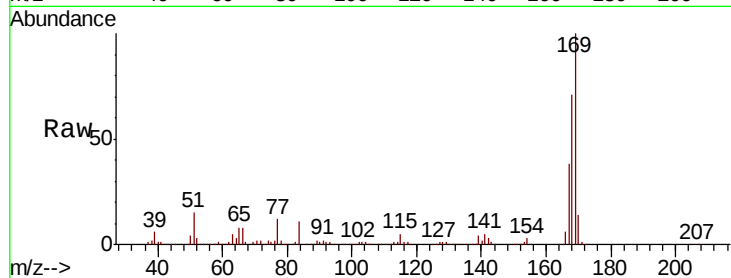




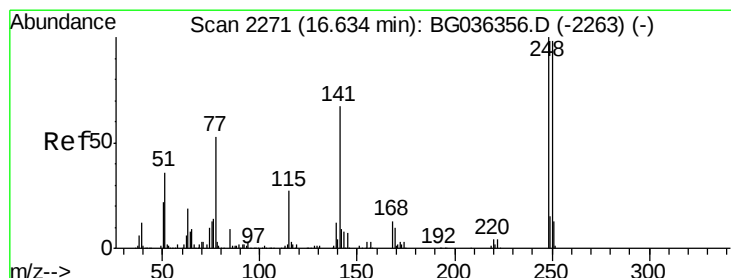
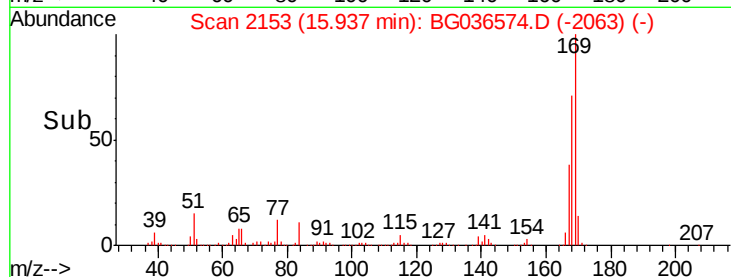
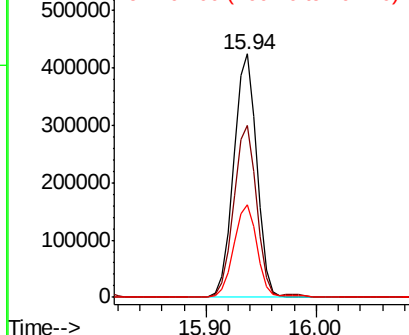
#65
 n-Nitrosodiphenylamine
 Concen: 51.033 ng
 RT: 15.94 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 622695
 Ion Ratio Lower Upper
 169 100
 168 70.8 57.6 86.4
 167 38.0 31.0 46.4

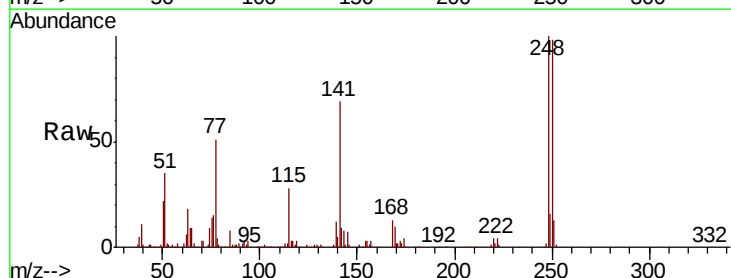


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

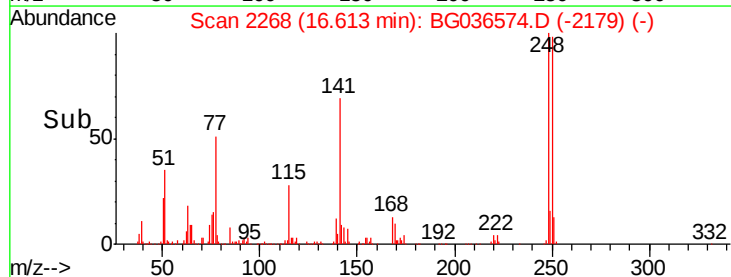
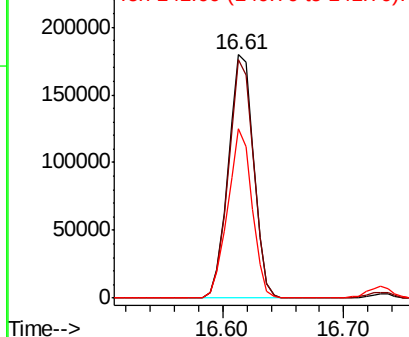


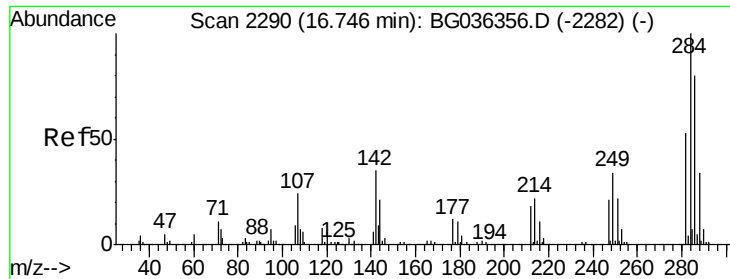
#66
 4-Bromophenyl-phenylether
 Concen: 54.512 ng
 RT: 16.61 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

Tgt Ion:248 Resp: 262089
 Ion Ratio Lower Upper
 248 100
 250 98.2 78.1 117.1
 141 69.5 53.7 80.5



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

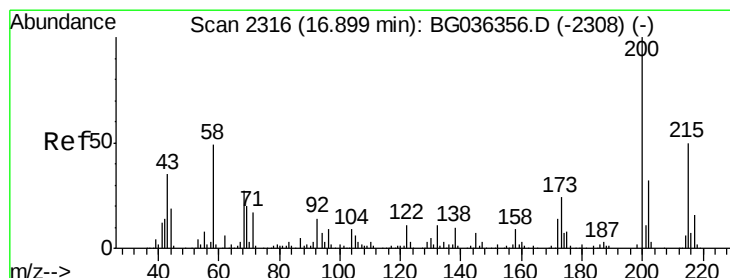
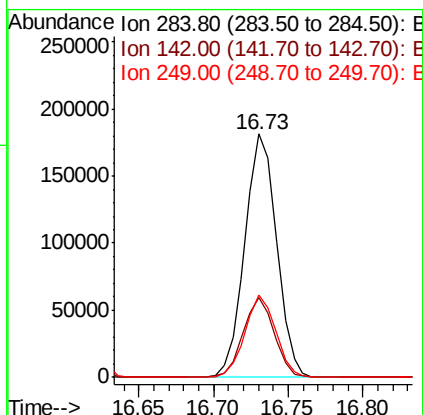
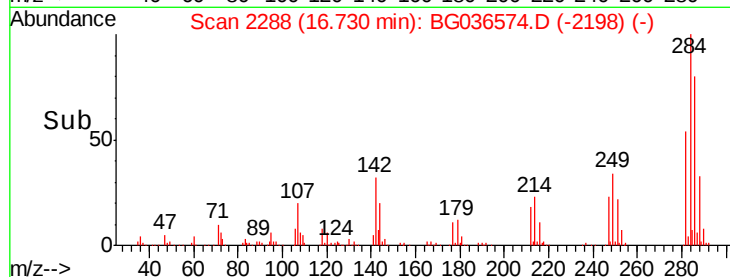
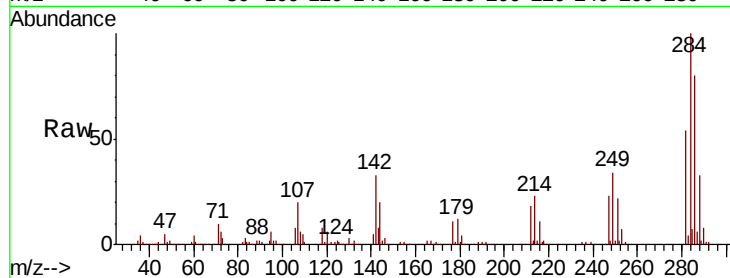




#67
Hexachlorobenzene
Concen: 54.348 ng
RT: 16.73 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

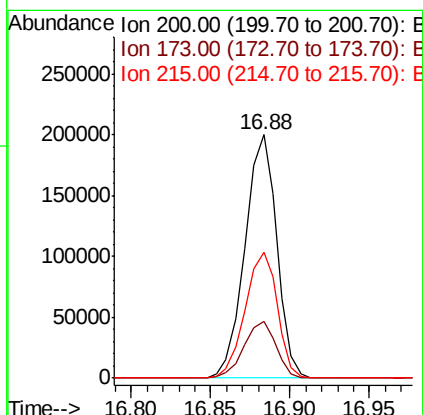
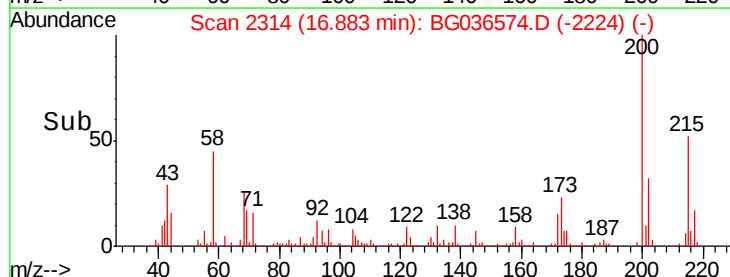
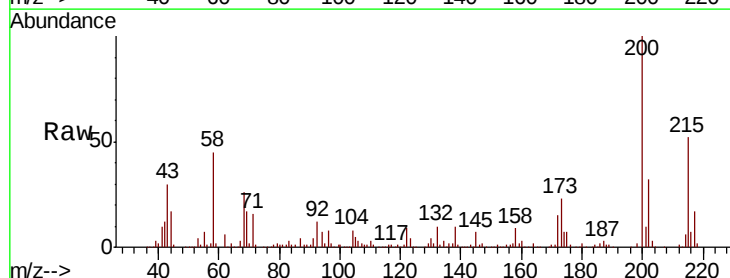
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.6	27.8	41.6
249	34.0	27.4	41.2



#68
Atrazine
Concen: 60.741 ng
RT: 16.88 min Scan# 2314
Delta R.T. 0.00 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.3	3.9	43.9
215	51.6	30.4	70.4

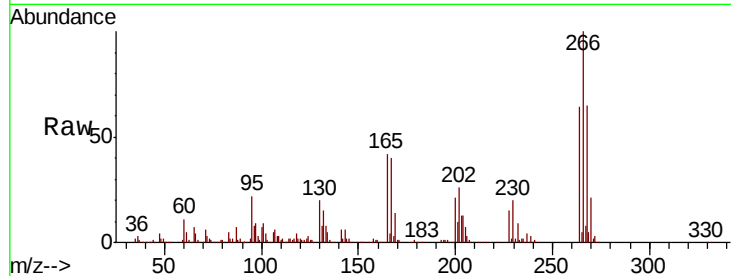




#69
 Pentachlorophenol
 Concen: 91.629 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.4	77.2
264	63.7	48.9	73.3

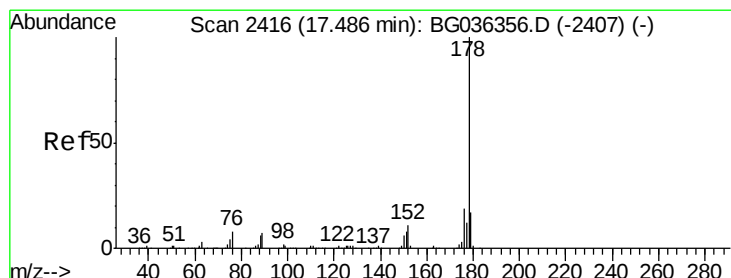
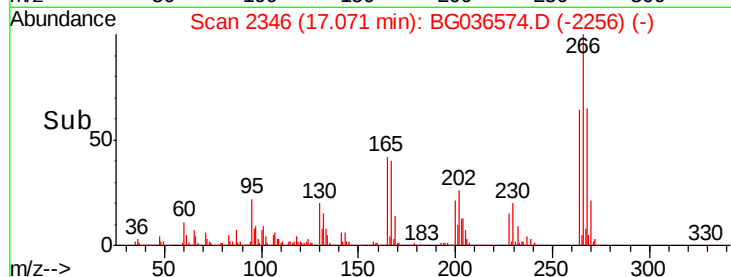
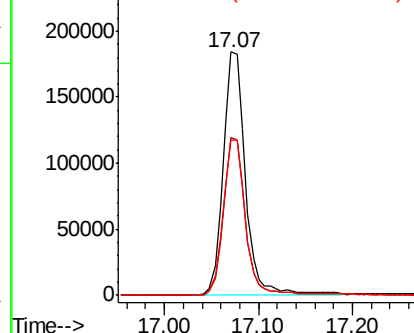


Abundance

Ion 265.70 (265.40 to 266.40): E

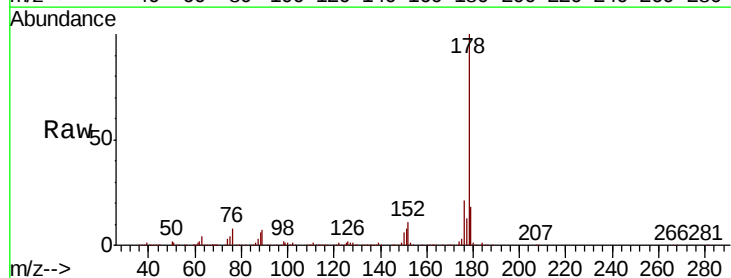
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 56.057 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.4	23.2
179	17.7	13.4	20.2

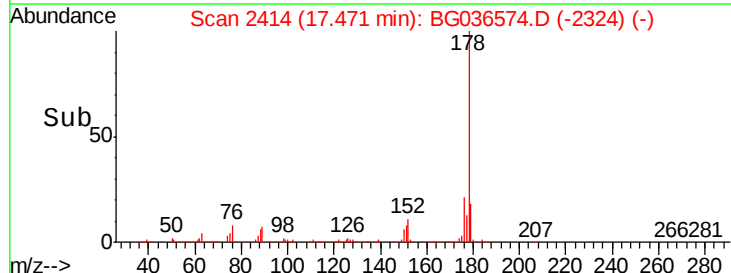
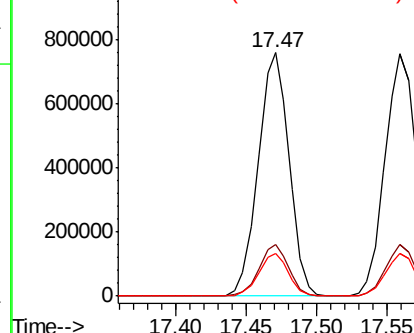


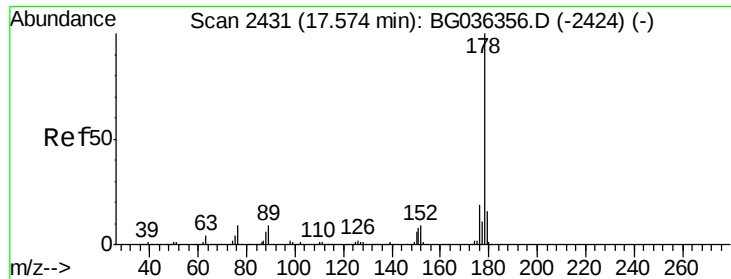
Abundance

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

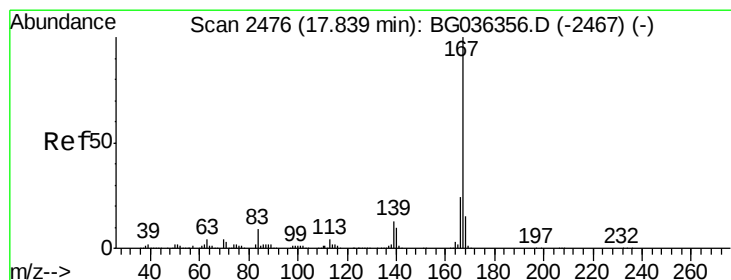
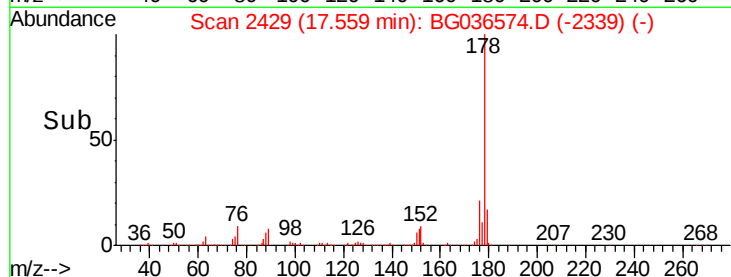
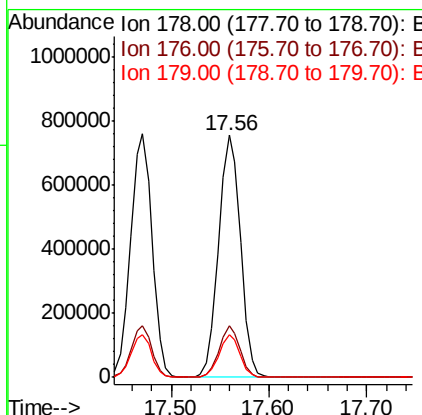
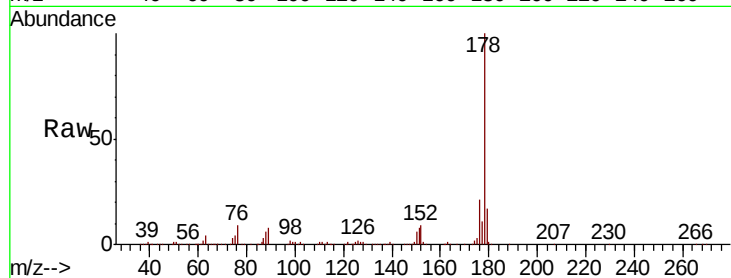




#71
 Anthracene
 Concen: 56.397 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

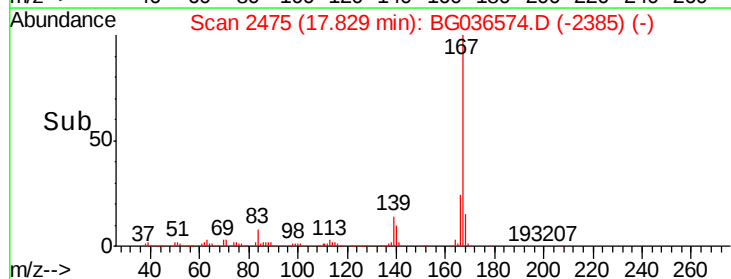
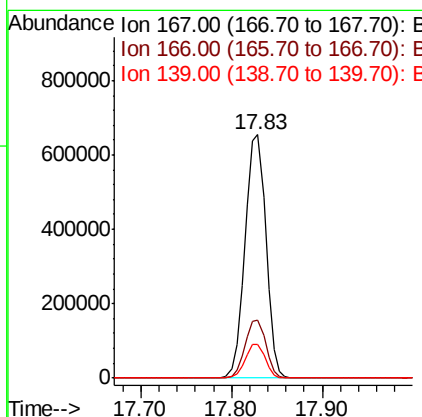
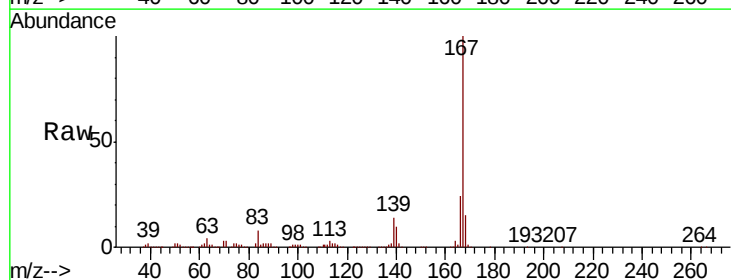
Instrument :
 BNA_F
 ClientSampleId :

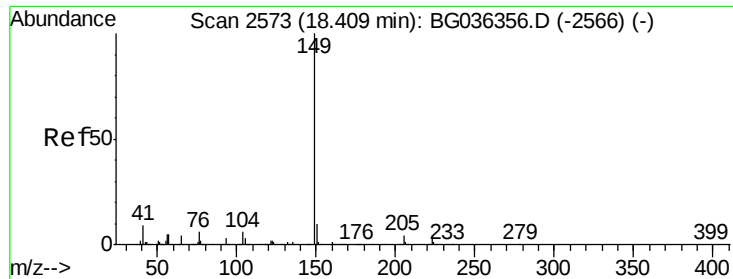
Tot Ion:178 Resp: 1173062
 Ion Ratio Lower Upper
 178 100
 176 21.1 15.4 23.2
 179 17.5 13.0 19.4



#72
 Carbazole
 Concen: 50.453 ng
 RT: 17.83 min Scan# 2475
 Delta R.T. 0.00 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

Tgt Ion:167 Resp: 1048057
 Ion Ratio Lower Upper
 167 100
 166 24.0 19.5 29.3
 139 13.8 10.7 16.1





#73

Di-n-butylphthalate

Concen: 52.005 ng

RT: 18.39 min Scan# 2570

Delta R.T. 0.00 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

Instrument :

BNA_F

ClientSampled :

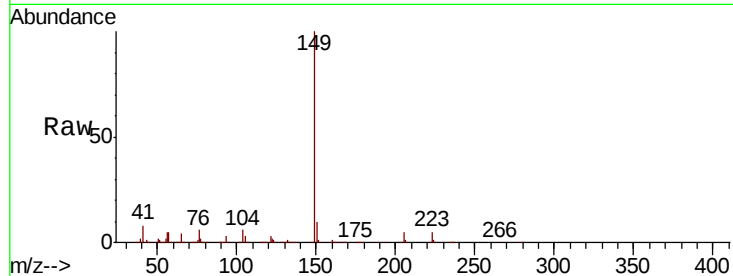
Tot Ion:149 Resp: 1202970

Ion Ratio Lower Upper

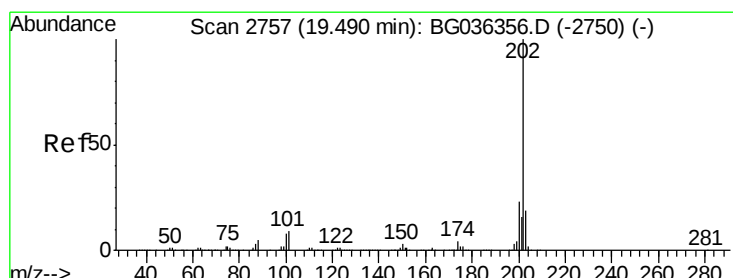
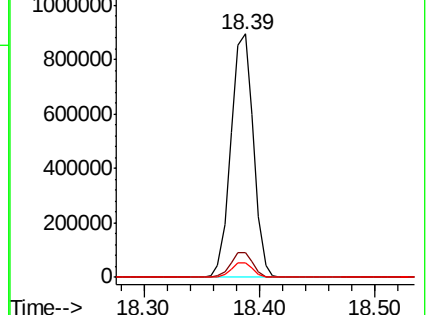
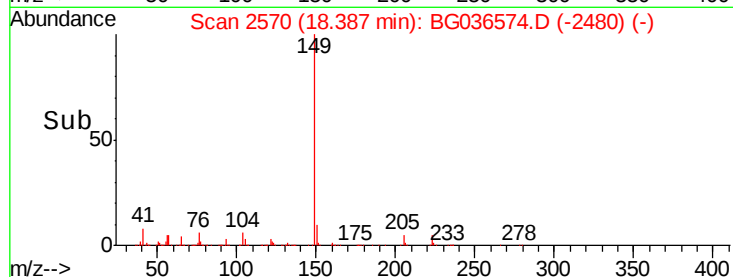
149 100

150 10.4 8.1 12.1

104 6.1 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
1200000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 55.248 ng

RT: 19.47 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

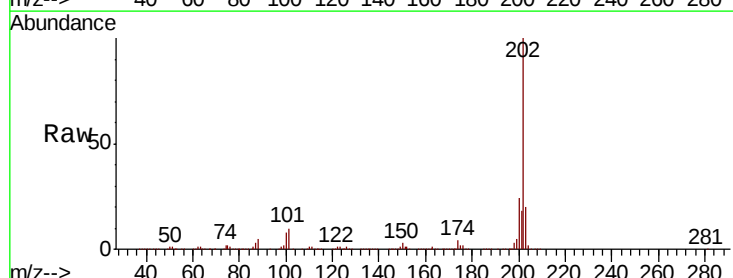
Tgt Ion:202 Resp: 1405555

Ion Ratio Lower Upper

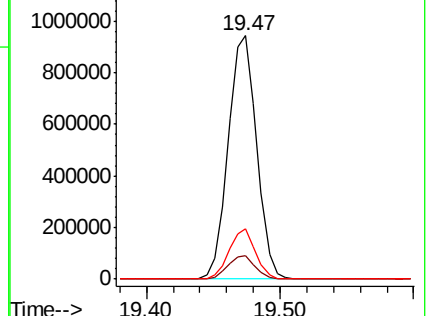
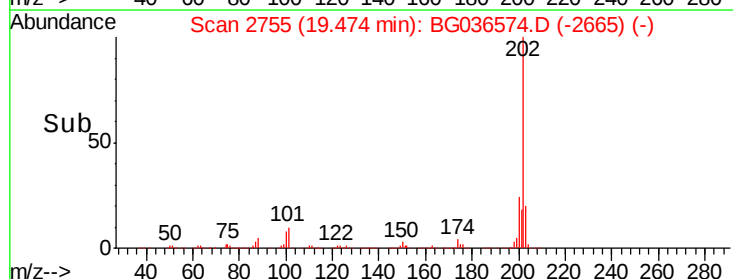
202 100

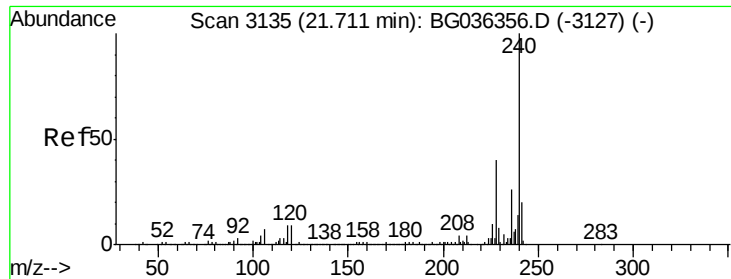
101 9.5 0.0 29.4

203 20.4 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E
1200000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

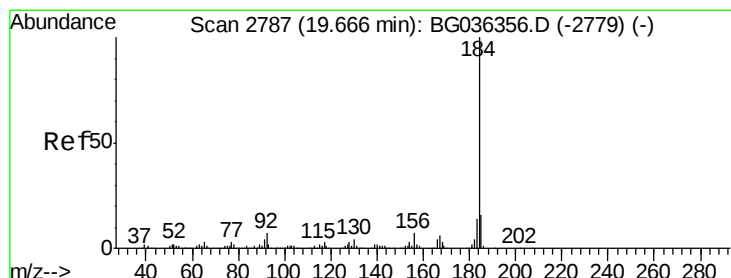
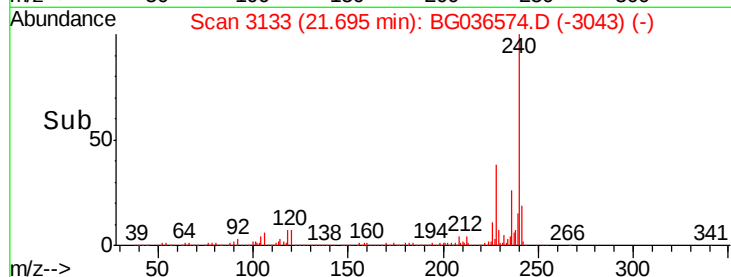
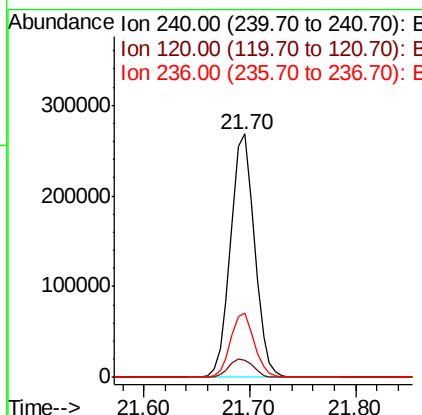
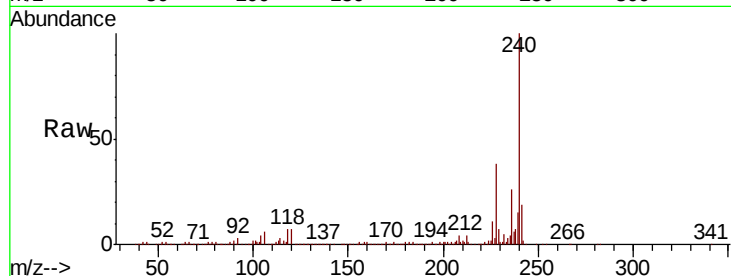




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

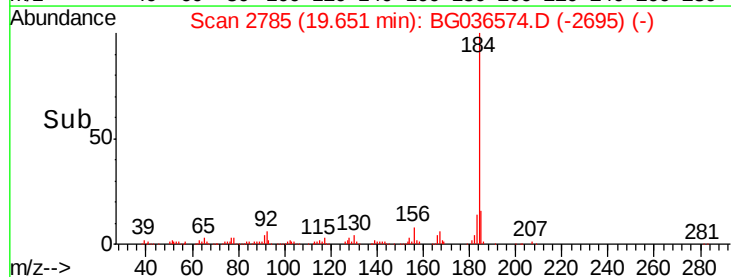
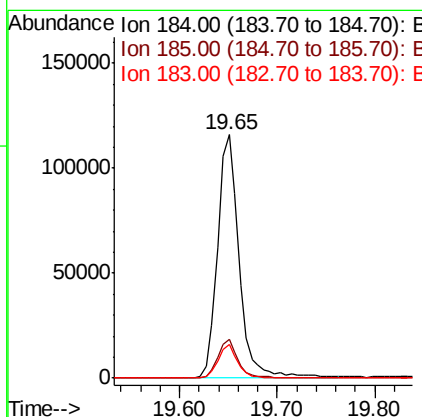
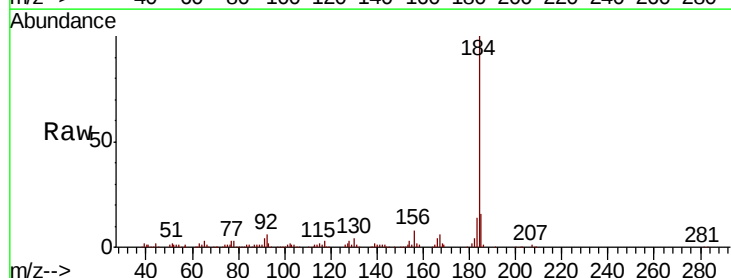
Instrument :
BNA_F
ClientSampleId :

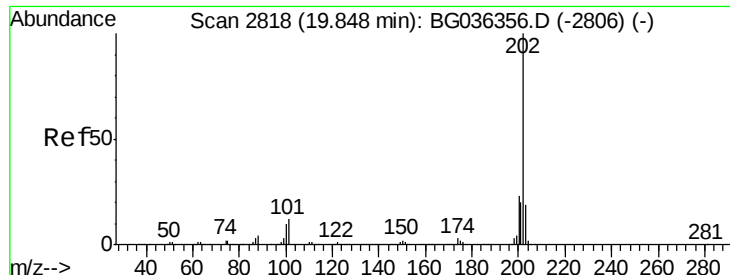
Tot Ion:240 Resp: 420509
Ion Ratio Lower Upper
240 100
120 7.2 6.9 10.3
236 26.2 21.2 31.8



#76
Benzidine
Concen: 13.326 ng
RT: 19.65 min Scan# 2785
Delta R.T. 0.00 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Tgt Ion:184 Resp: 178785
Ion Ratio Lower Upper
184 100
185 16.2 12.6 18.8
183 13.6 10.9 16.3





#77

Pvrene

Concen: 54.302 ng

RT: 19.83 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

Instrument :

BNA_F

ClientSampleId :

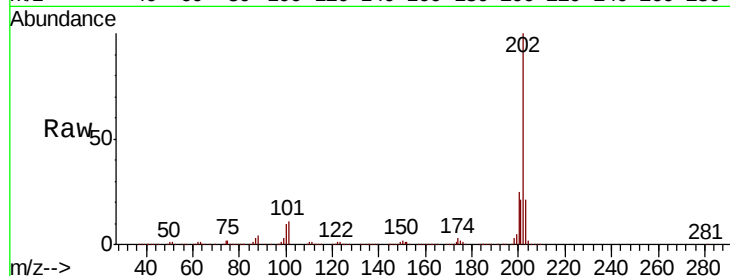
Tot Ion:202 Resp: 1404195

Ion Ratio Lower Upper

202 100

200 24.8 18.3 27.5

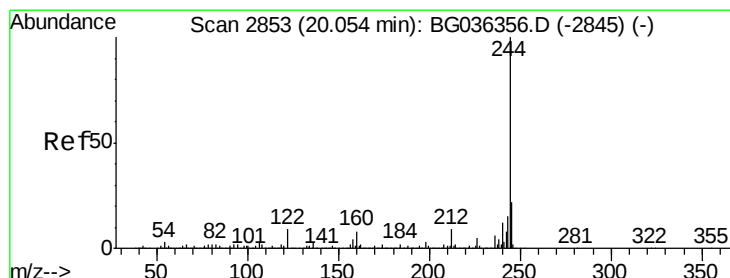
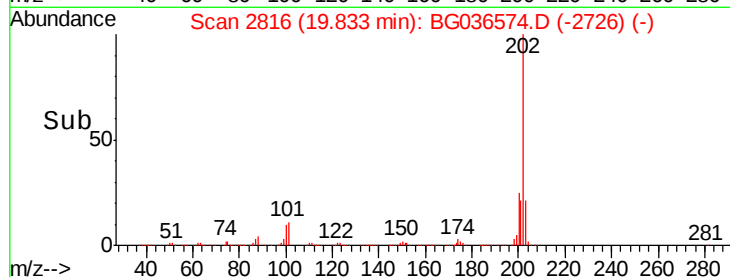
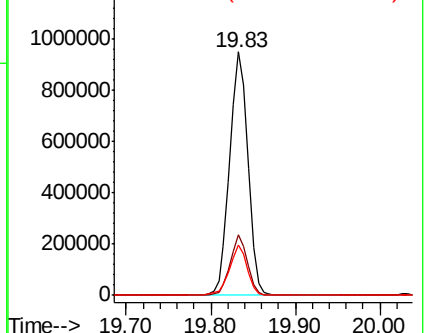
203 20.5 15.1 22.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.112 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

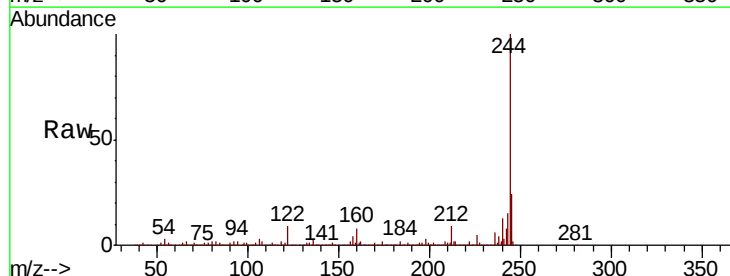
Tgt Ion:244 Resp: 1513246

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

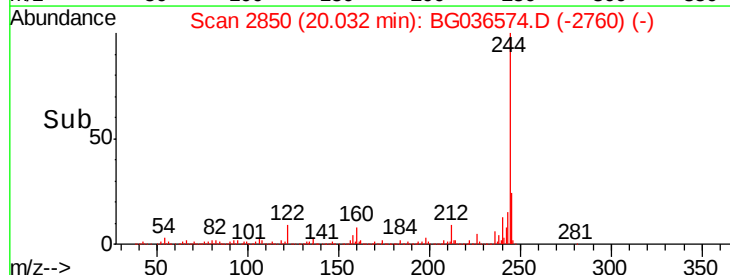
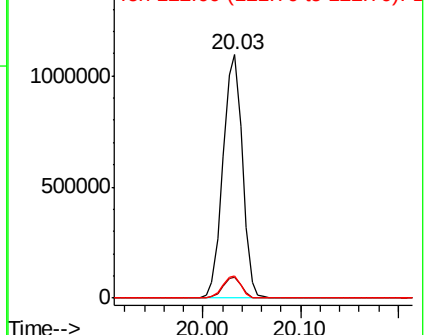
122 9.3 7.1 10.7

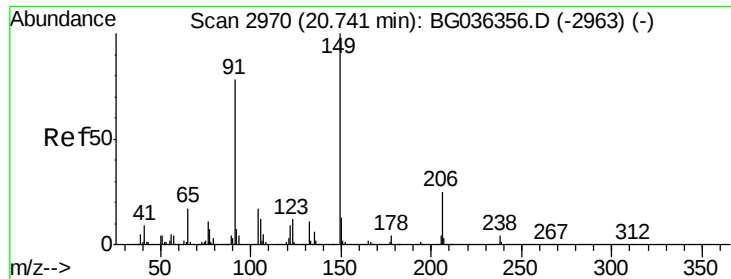


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

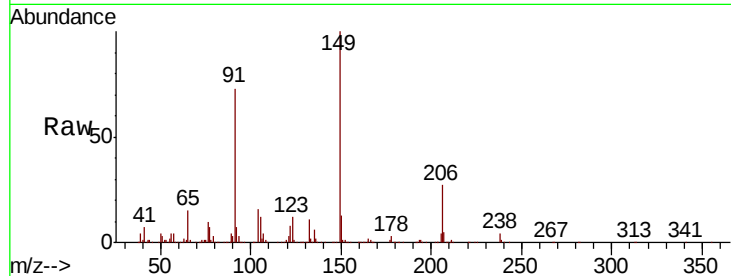




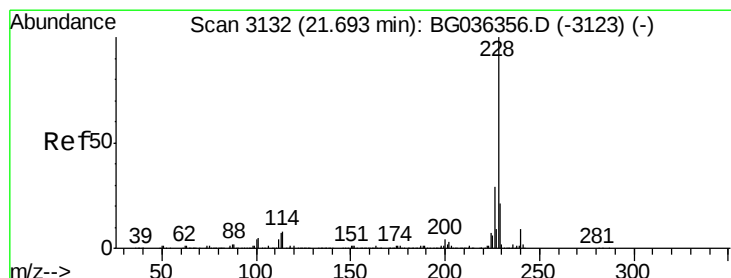
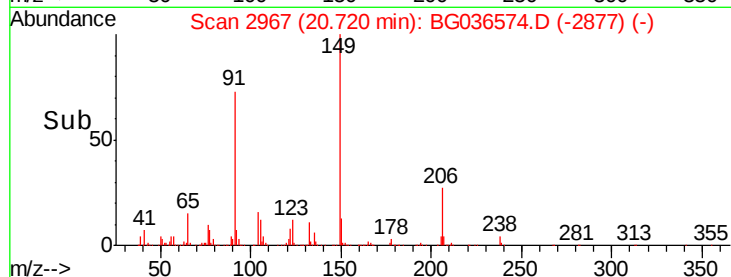
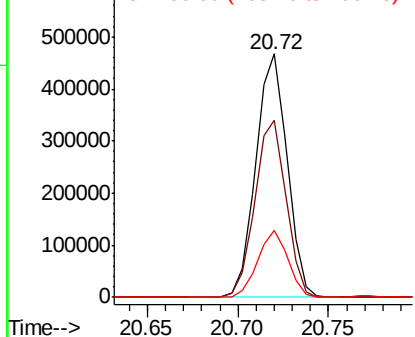
#79
Butylbenzylphthalate
Concen: 54.546 ng
RT: 20.72 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 561333
Ion Ratio Lower Upper
149 100
91 72.8 62.0 93.0
206 27.4 19.6 29.4

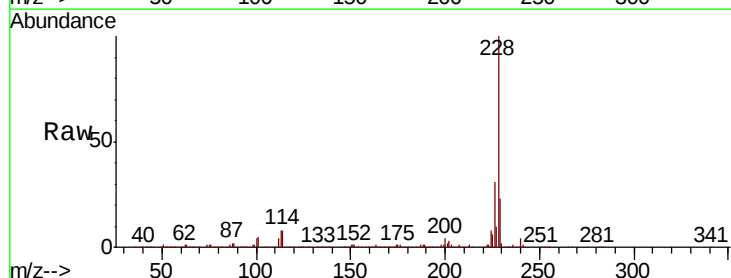


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

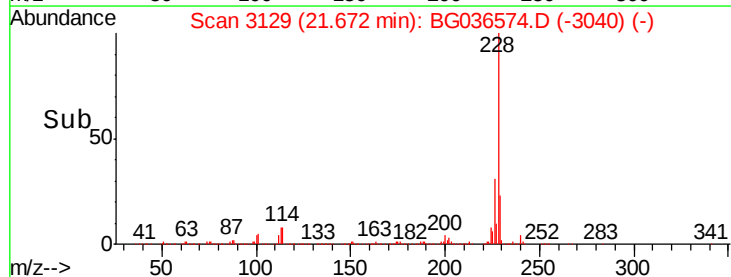
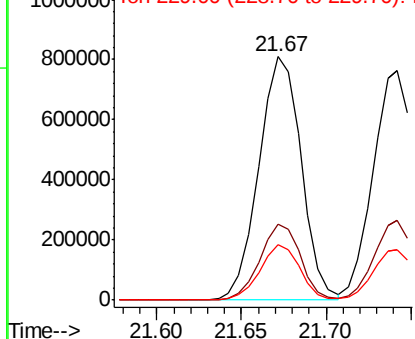


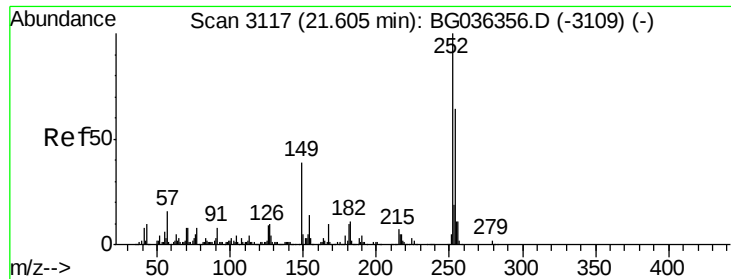
#80
Benzo(a)anthracene
Concen: 55.421 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Tgt Ion:228 Resp: 1411865
Ion Ratio Lower Upper
228 100
226 31.3 23.4 35.2
229 22.7 17.1 25.7



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

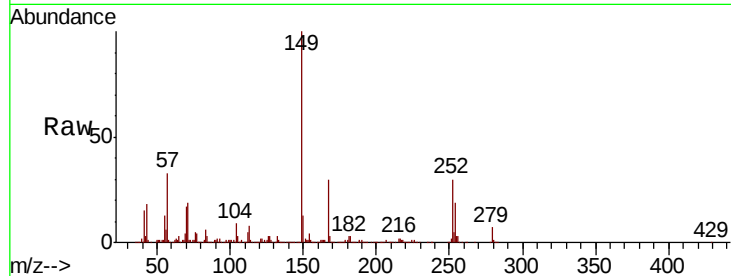




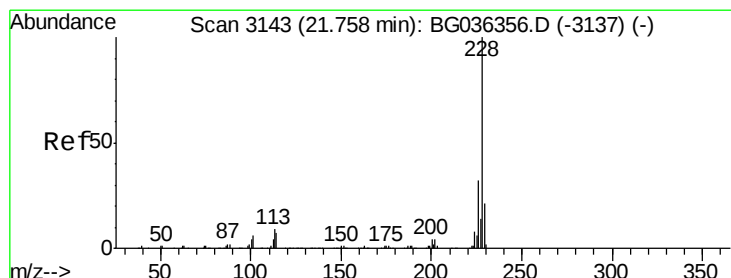
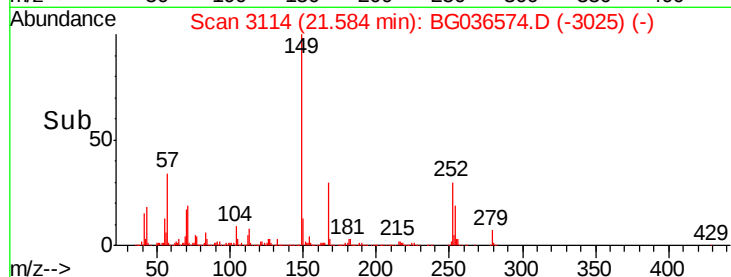
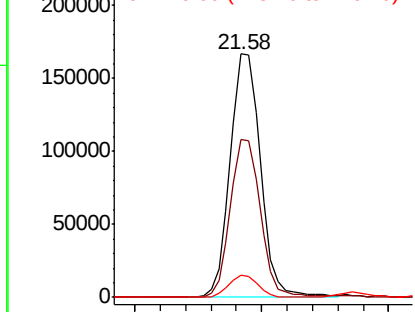
#81
 3,3'-Dichlorobenzidine
 Concen: 27.332 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 277498
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.0 76.4
 126 9.0 7.4 11.0

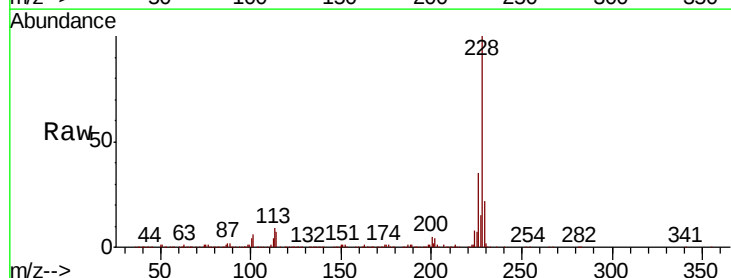


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

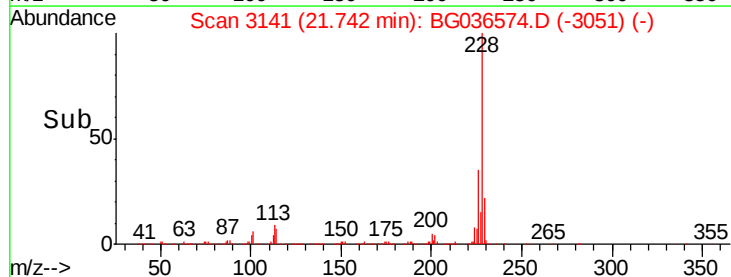
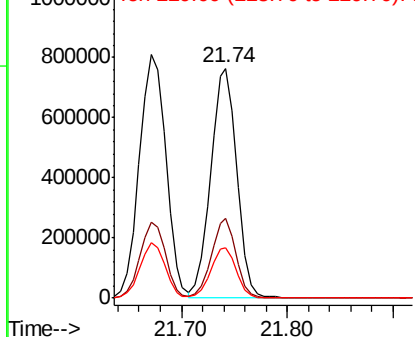


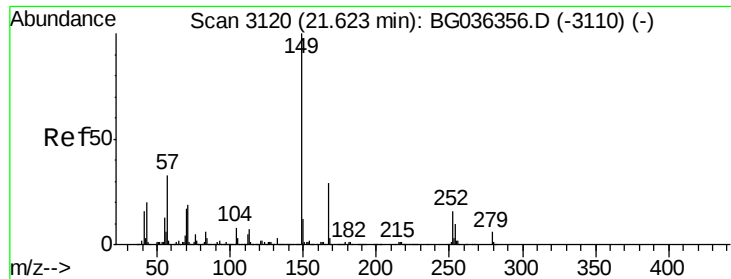
#82
 Chrysene
 Concen: 54.440 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

Tgt Ion:228 Resp: 1314565
 Ion Ratio Lower Upper
 228 100
 226 34.6 25.5 38.3
 229 21.8 16.9 25.3



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

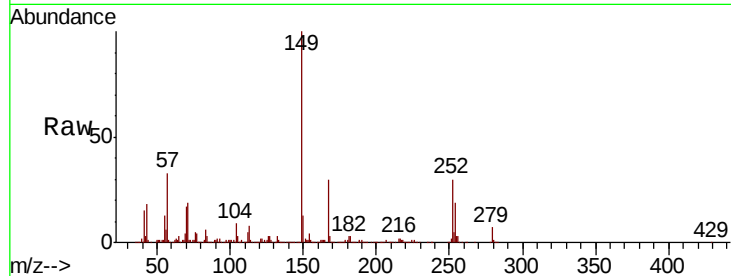




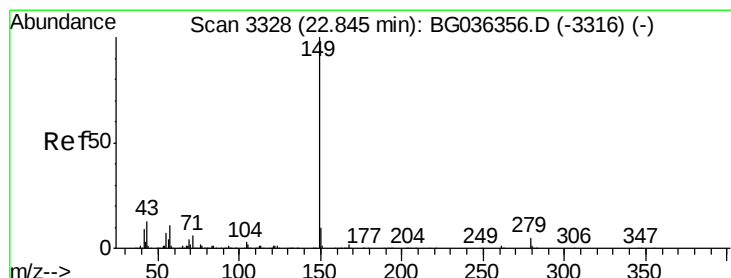
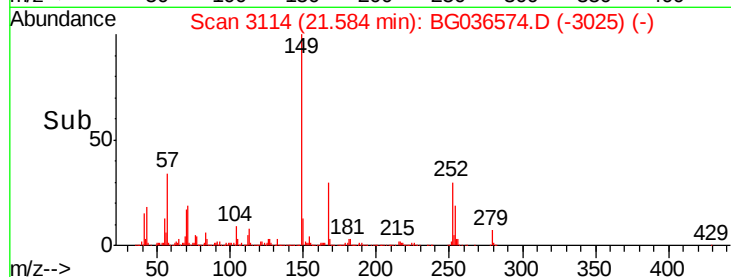
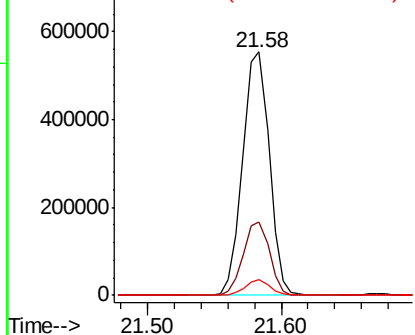
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.048 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 763942
 Ion Ratio Lower Upper
 149 100
 167 30.4 23.4 35.0
 279 6.5 4.6 7.0

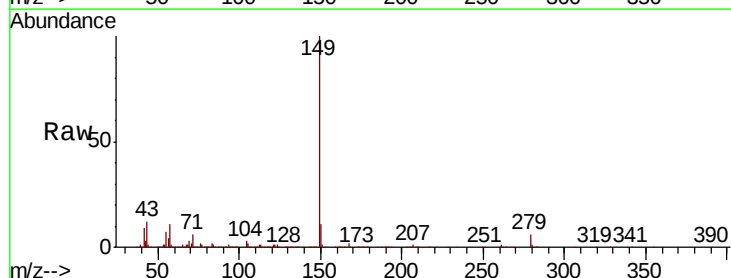


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

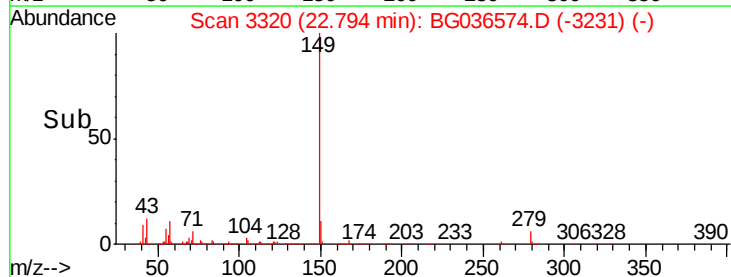
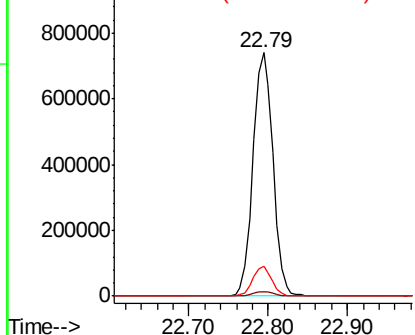


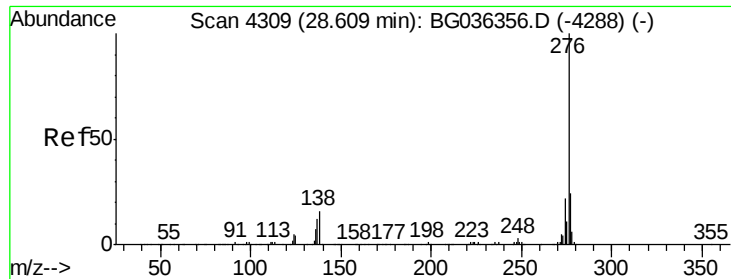
#84
 Di-n-octyl phthalate
 Concen: 54.132 ng
 RT: 22.79 min Scan# 3320
 Delta R.T. -0.01 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

Tgt Ion:149 Resp: 1302091
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.3 1.9
 43 11.4 10.0 15.0



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

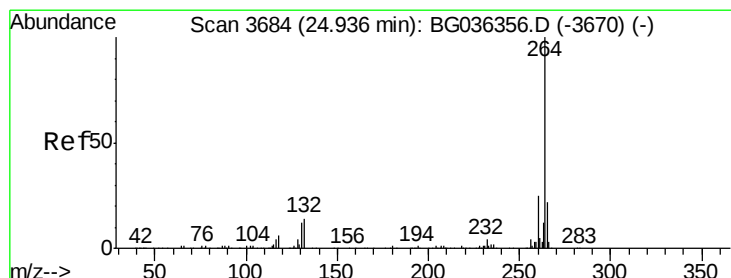
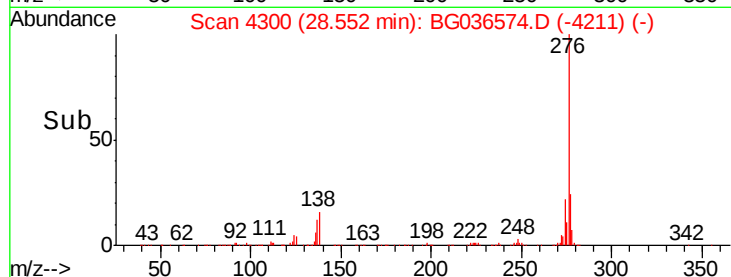
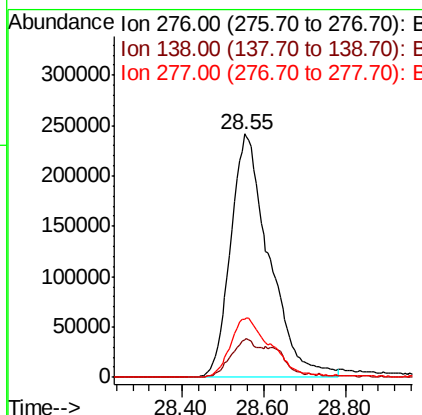
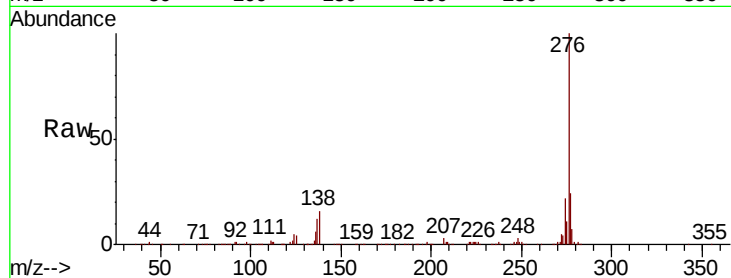




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.379 ng
 RT: 28.55 min Scan# 4300
 Delta R.T. -0.01 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

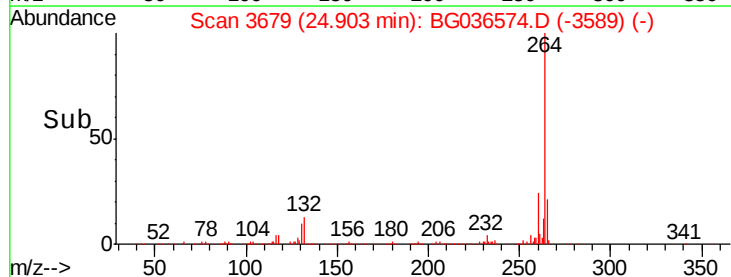
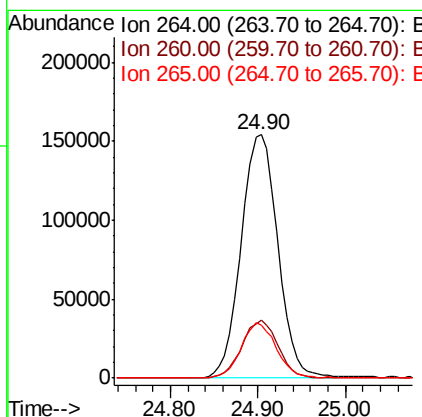
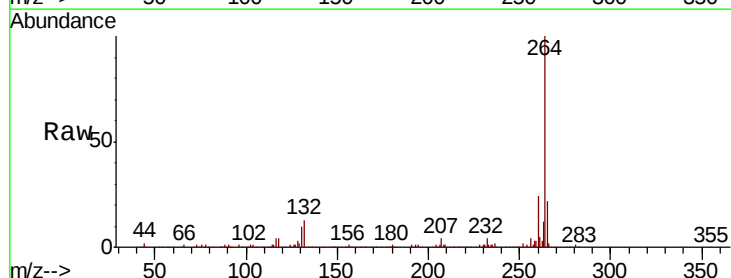
Instrument :
 BNA_F
 ClientSampleId :

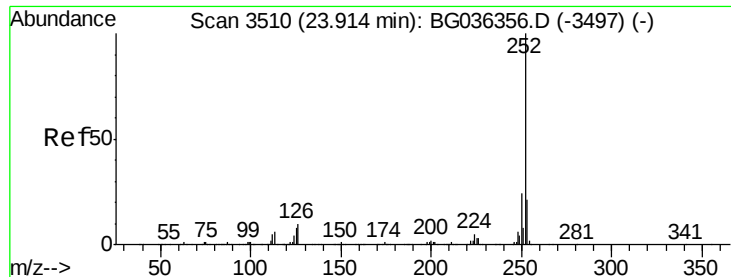
Tot Ion:276 Resp: 1581226
 Ion Ratio Lower Upper
 276 100
 138 11.8 10.6 15.8
 277 25.5 20.6 30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3679
 Delta R.T. 0.00 min
 Lab File: BG036574.D
 Acq: 6 Sep 2018 18:09

Tgt Ion:264 Resp: 439490
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.6 17.4 26.0

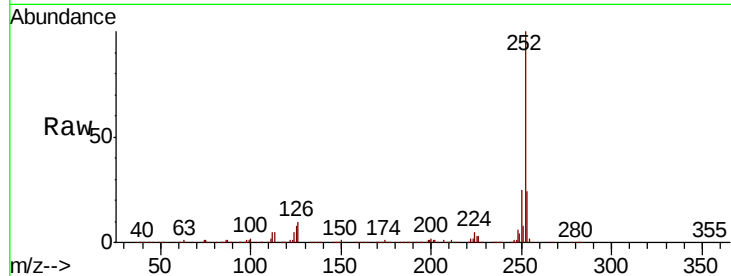




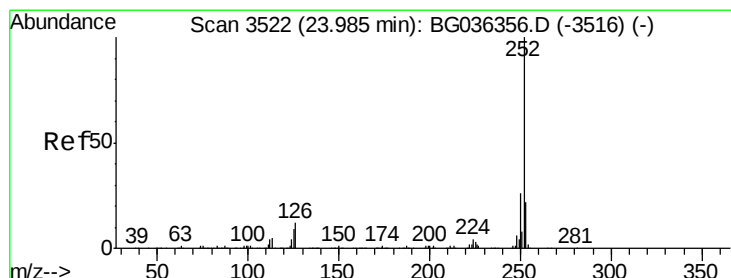
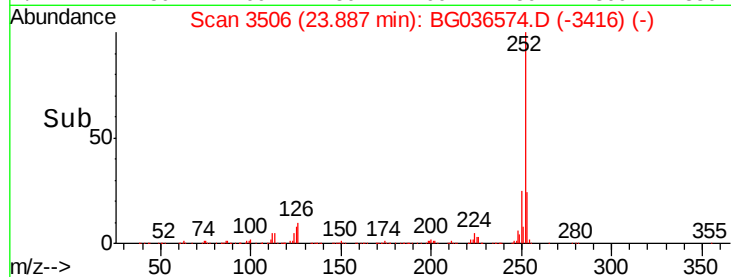
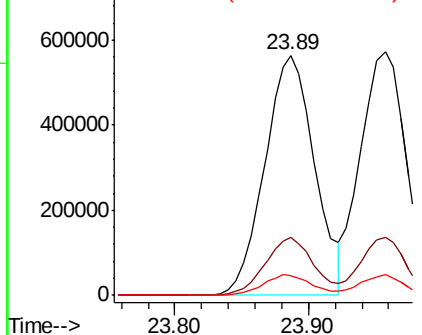
#87
Benzo(b)fluoranthene
Concen: 59.870 ng
RT: 23.89 min Scan# 3506
Delta R.T. 0.00 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1461125
Ion Ratio Lower Upper
252 100
253 24.3 17.1 25.7
125 8.3 6.6 10.0

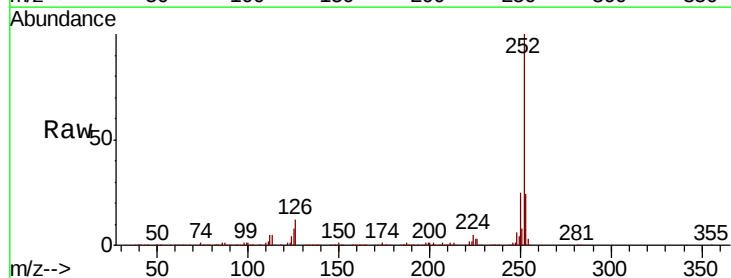


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

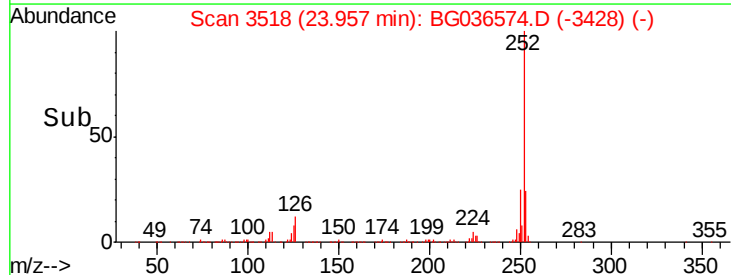
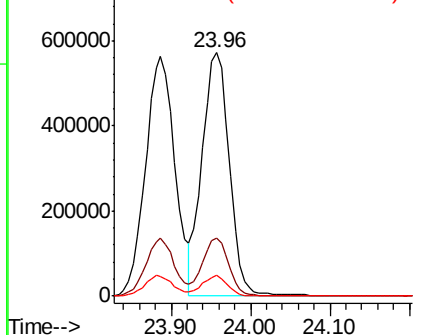


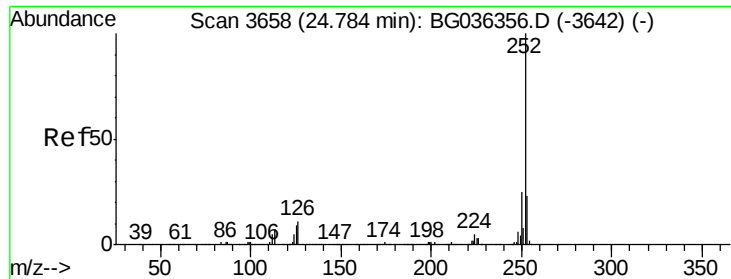
#88
Benzo(k)fluoranthene
Concen: 57.271 ng
RT: 23.96 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Tgt Ion:252 Resp: 1365490
Ion Ratio Lower Upper
252 100
253 24.1 18.0 27.0
125 8.3 7.0 10.6



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

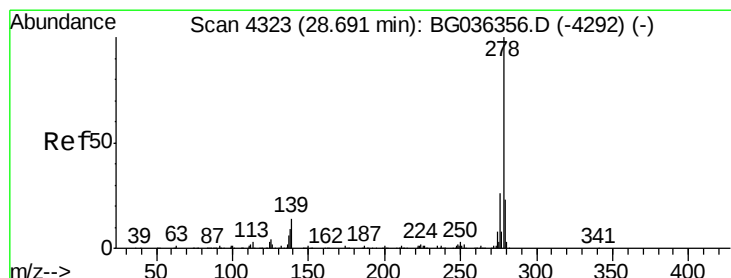
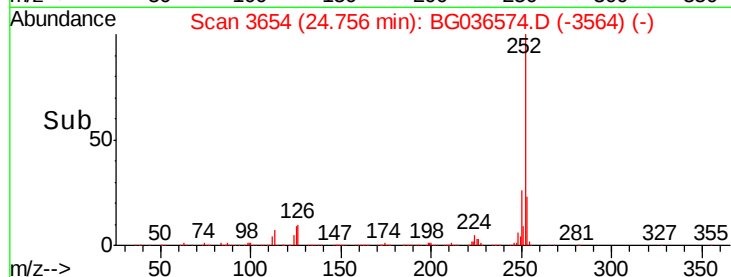
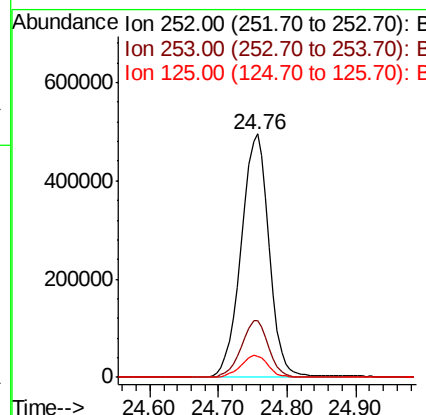
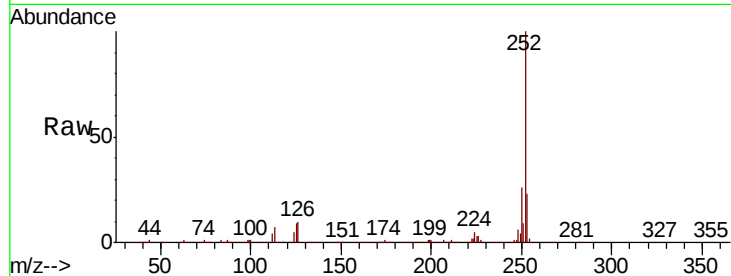




#89
Benzo(a)pyrene
Concen: 59.664 ng
RT: 24.76 min Scan# 3654
Delta R.T. 0.00 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

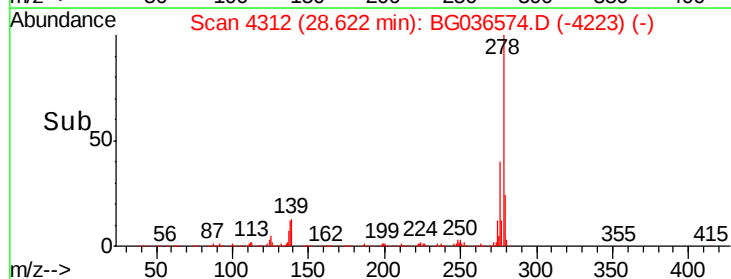
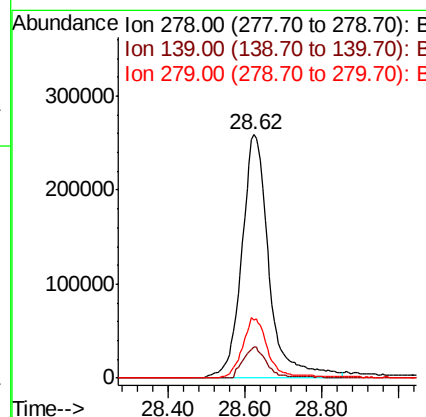
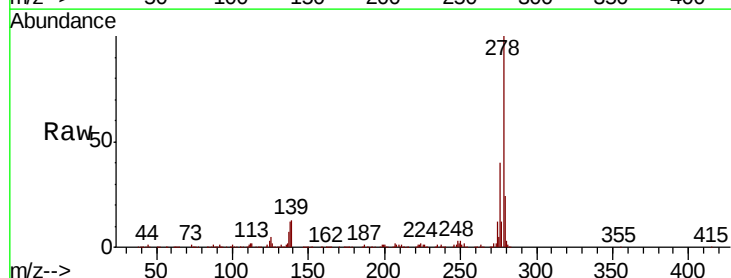
Instrument :
BNA_F
ClientSampleId :

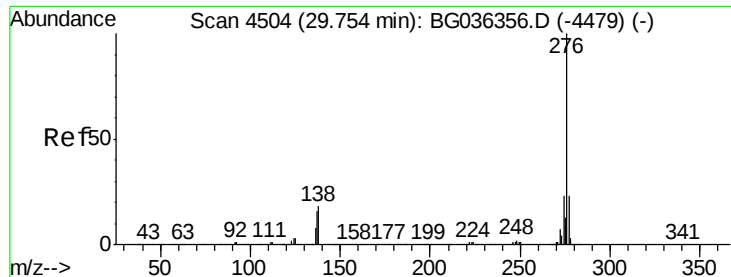
Tot Ion:252 Resp: 1399200
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.2
125 8.5 7.3 10.9



#90
Dibenzo(a,h)anthracene
Concen: 56.451 ng
RT: 28.62 min Scan# 4312
Delta R.T. -0.01 min
Lab File: BG036574.D
Acq: 6 Sep 2018 18:09

Tgt Ion:278 Resp: 1278052
Ion Ratio Lower Upper
278 100
139 12.5 11.0 16.4
279 24.0 18.7 28.1





#91

Benzo(a,h,i)perylene

Concen: 57.283 ng

RT: 29.70 min Scan# 4495

Delta R.T. 0.00 min

Lab File: BG036574.D

Acq: 6 Sep 2018 18:09

Instrument :

BNA_F

ClientSampleId :

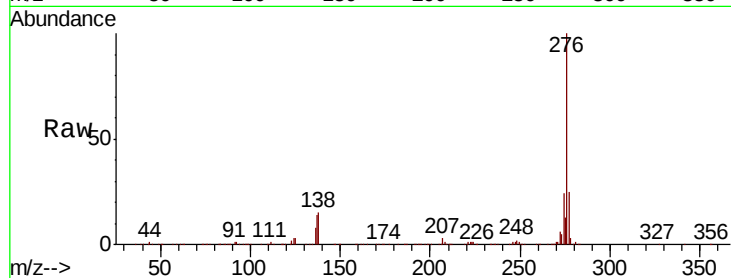
Tot Ion:276 Resp: 1303264

Ion Ratio Lower Upper

276 100

277 24.6 18.4 27.6

138 15.5 14.6 22.0



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

