

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036976.D
 Acq On : 26 Sep 2018 9:11
 Operator : JU/SJ
 Sample : J5064-04MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 13:53:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	61791	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	247524	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	149189	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	348723	20.00	ng	0.00
75) Chrysene-d12	21.69	240	345053	20.00	ng	0.00
86) Perylene-d12	24.89	264	360083	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	369509	114.68	ng	0.00
7) Phenol-d6	7.21	99	457317	91.74	ng	0.00
23) Nitrobenzene-d5	9.21	82	366396	79.27	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	206164	115.50	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	749176	74.79	ng	0.00
78) Terphenyl-d14	20.02	244	1110384	84.62	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	61923	42.001	ng	96
3) Pyridine	3.94	79	150910	35.450	ng	96
4) n-Nitrosodimethylamine	3.84	42	98381	51.997	ng	# 95
6) Aniline	7.37	93	161601	24.983	ng	99
8) 2-Chlorophenol	7.61	128	179023	47.853	ng	95
9) Benzaldehyde	7.18	77	109475	33.235	ng	98
10) Phenol	7.24	94	208102	40.449	ng	94
11) bis(2-Chloroethyl)ether	7.47	93	191399	40.219	ng	99
12) 1,3-Dichlorobenzene	7.93	146	195640	42.655	ng	97
13) 1,4-Dichlorobenzene	8.08	146	198690	42.331	ng	98
14) 1,2-Dichlorobenzene	8.40	146	189708	41.708	ng	98
15) Benzyl Alcohol	8.28	79	173735	42.952	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	386005	42.249	ng	98
17) 2-Methylphenol	8.48	107	155286	43.331	ng	94
18) Hexachloroethane	9.12	117	78277	45.318	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	158413	38.200	ng	98
20) 3+4-Methylphenols	8.81	107	212512	42.626	ng	98
22) Acetophenone	8.87	105	276914	47.606	ng	95
24) Nitrobenzene	9.25	77	234833	47.575	ng	99
25) Isophorone	9.77	82	442379	52.379	ng	98
26) 2-Nitrophenol	9.96	139	102778	52.238	ng	93
27) 2,4-Dimethylphenol	10.02	122	172950	56.431	ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	249114	47.801	ng	99
29) 2,4-Dichlorophenol	10.49	162	185714	52.273	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	199116	44.784	ng	100
31) Naphthalene	10.90	128	623244	52.919	ng	98
32) Benzoic acid	10.18	122	79807	35.686	ng	96
33) 4-Chloroaniline	11.02	127	44721	8.352	ng	94
34) Hexachlorobutadiene	11.18	225	139204	45.274	ng	98
35) Caprolactam	11.80	113	36832	25.188	ng	97
36) 4-Chloro-3-methylphenol	12.13	107	209177	49.344	ng	99
37) 2-Methylnaphthalene	12.50	142	434846	48.479	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	245400	47.161	ng	98
40) Hexachlorocyclopentadiene	12.84	237	284263	106.221	ng	99

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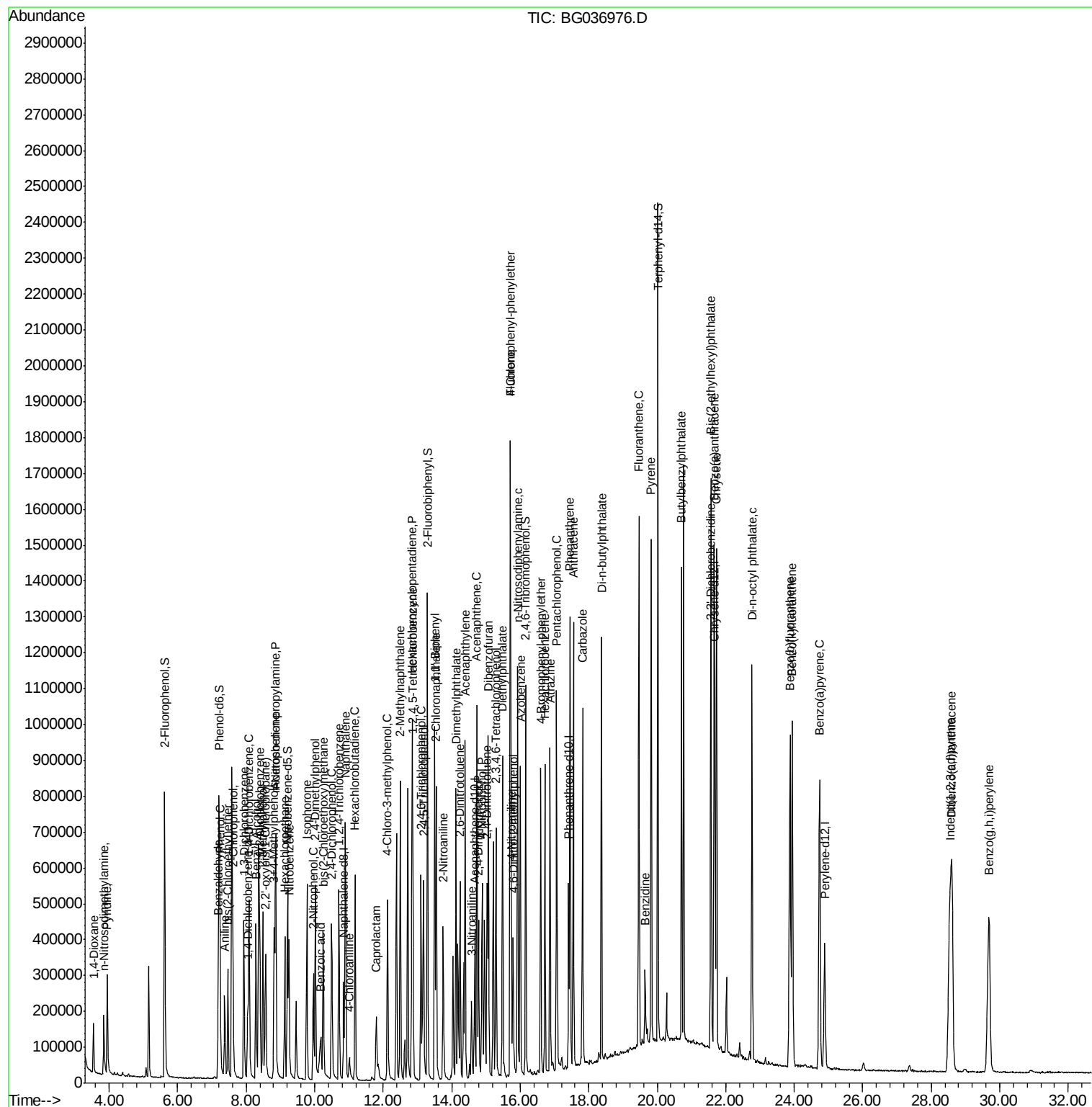
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	156329	54.103	ng	96
43) 2,4,5-Trichlorophenol	13.18	196	171620	55.701	ng	98
45) 1,1'-Biphenyl	13.50	154	554022	48.489	ng	98
46) 2-Chloronaphthalene	13.55	162	420896	46.842	ng	99
47) 2-Nitroaniline	13.75	65	160116	51.519	ng	98
48) Acenaphthylene	14.39	152	700478	49.749	ng	100
49) Dimethylphthalate	14.12	163	554711	46.192	ng	99
50) 2,6-Dinitrotoluene	14.24	165	123816	47.256	ng	97
51) Acenaphthene	14.74	154	403001	47.358	ng	99
52) 3-Nitroaniline	14.58	138	66526	24.096	ng	# 95
53) 2,4-Dinitrophenol	14.78	184	113004	90.879	ng	92
54) Dibenzofuran	15.07	168	658010	45.714	ng	100
55) 4-Nitrophenol	14.89	139	168450	95.505	ng	95
56) 2,4-Dinitrotoluene	15.04	165	171314	46.858	ng	93
57) Fluorene	15.72	166	521044	48.431	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.29	232	164569	52.652	ng	97
59) Diethylphthalate	15.49	149	544301	44.939	ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	294062	43.160	ng	99
61) 4-Nitroaniline	15.75	138	116038	39.956	ng	96
62) Azobenzene	16.00	77	560966	48.202	ng	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	91685	50.289	ng	94
65) n-Nitrosodiphenylamine	15.92	169	471580	48.984	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	188099	47.422	ng	99
67) Hexachlorobenzene	16.72	284	187201	45.824	ng	98
68) Atrazine	16.87	200	196707	50.462	ng	98
69) Pentachlorophenol	17.07	266	231651	90.063	ng	98
70) Phenanthrene	17.46	178	827551	49.245	ng	98
71) Anthracene	17.55	178	852116	51.281	ng	99
72) Carbazole	17.82	167	744167	45.932	ng	98
73) Di-n-butylphthalate	18.37	149	851172	47.308	ng	99
74) Fluoranthene	19.47	202	951410	47.034	ng	99
76) Benzidine	19.65	184	160200	15.358	ng	98
77) Pyrene	19.82	202	954239	46.085	ng	99
79) Butylbenzylphthalate	20.70	149	401039	48.592	ng	99
80) Benzo(a)anthracene	21.66	228	978003	48.555	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	172459	22.494	ng	99
82) Chrysene	21.73	228	925097	47.535	ng	100
83) Bis(2-ethylhexyl)phthalate	21.56	149	554209	48.068	ng	98
84) Di-n-octyl phthalate	22.77	149	946766	49.874	ng	99
85) Indeno(1,2,3-cd)pyrene	28.55	276	1131510	54.143	ng	# 95
87) Benzo(b)fluoranthene	23.88	252	972464	50.676	ng	97
88) Benzo(k)fluoranthene	23.94	252	946591	49.168	ng	99
89) Benzo(a)pyrene	24.74	252	946220	51.003	ng	100
90) Dibenzo(a,h)anthracene	28.61	278	913193	52.521	ng	96
91) Benzo(g,h,i)perylene	29.69	276	938966	53.809	ng	98

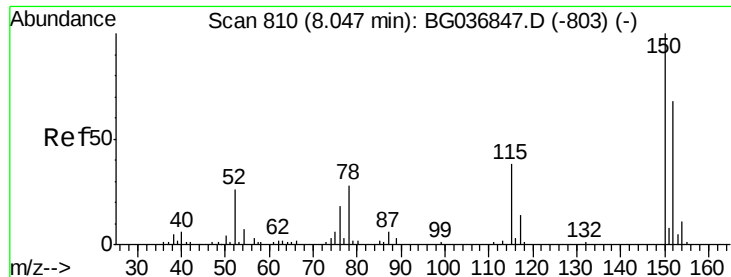
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_F

ClientSampleId :

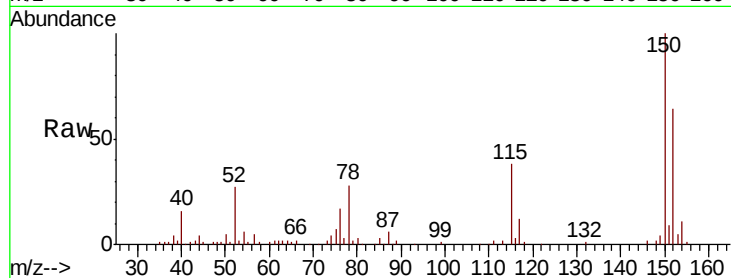
Tot Ion:152 Resp: 61791

Ion Ratio Lower Upper

152 100

150 157.3 119.5 179.3

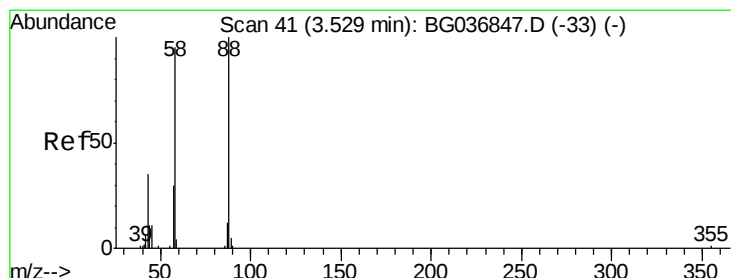
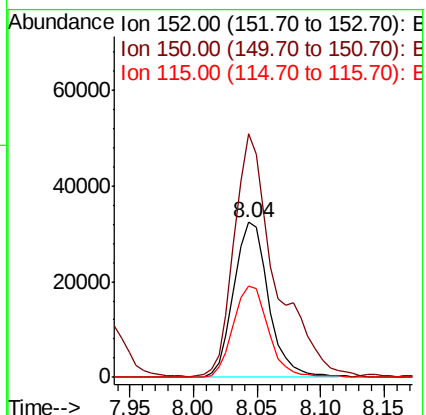
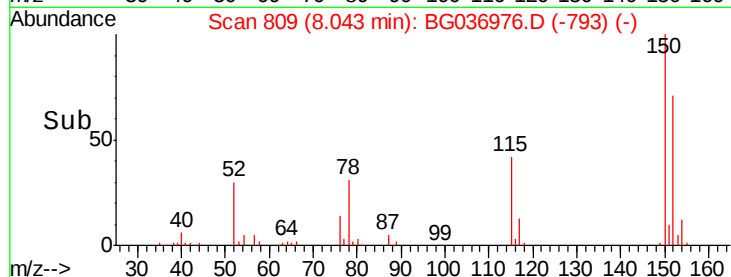
115 59.2 44.5 66.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.001 ng

RT: 3.54 min Scan# 43

Delta R.T. 0.01 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

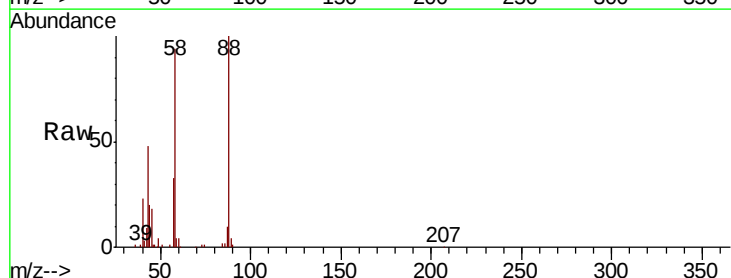
Tgt Ion: 88 Resp: 61923

Ion Ratio Lower Upper

88 100

58 94.0 72.6 109.0

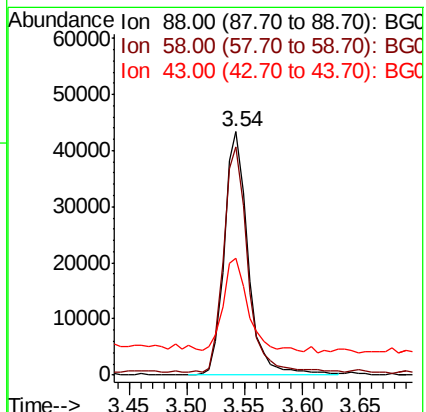
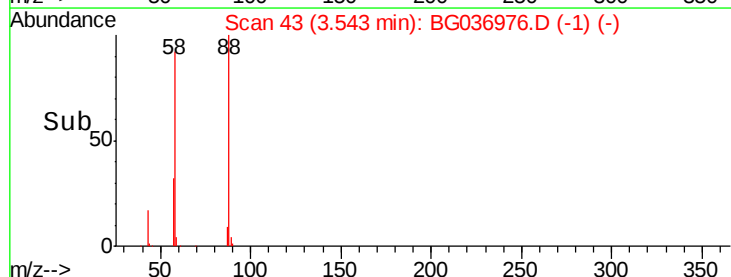
43 39.4 29.0 43.4

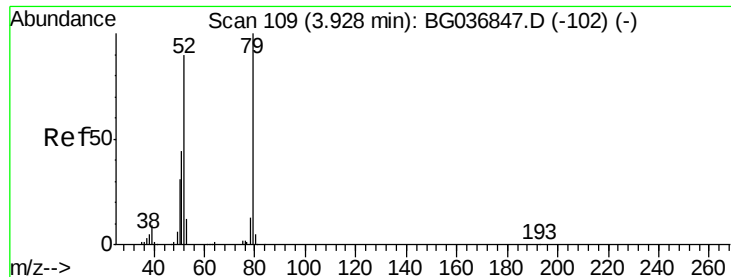


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.450 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_F

ClientSampled :

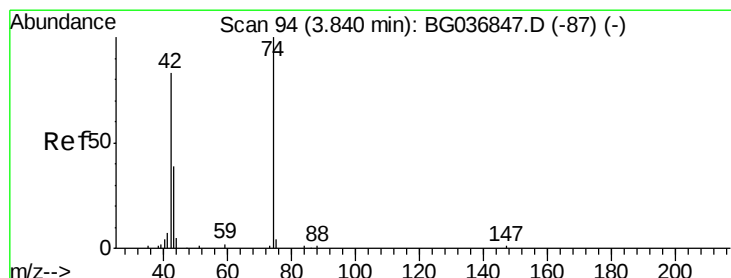
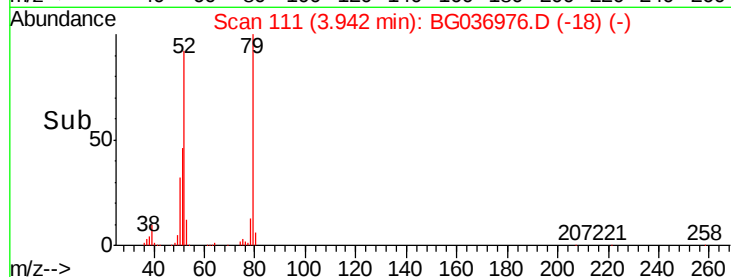
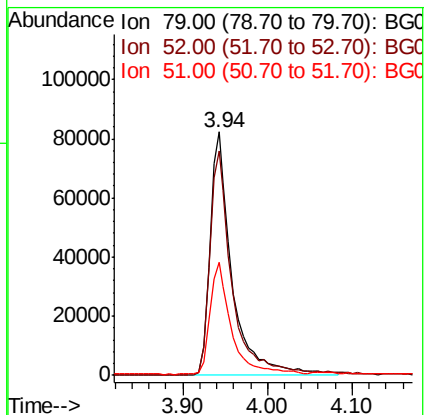
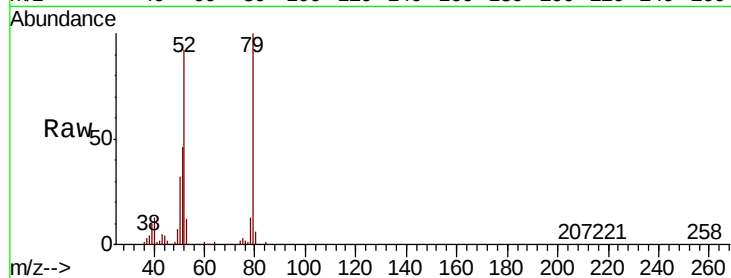
Tot Ion: 79 Resp: 150910

Ion Ratio Lower Upper

79 100

52 92.4 72.3 108.5

51 46.4 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 51.997 ng

RT: 3.84 min Scan# 94

Delta R.T. 0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

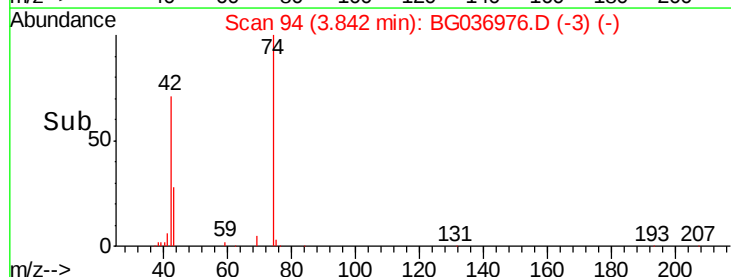
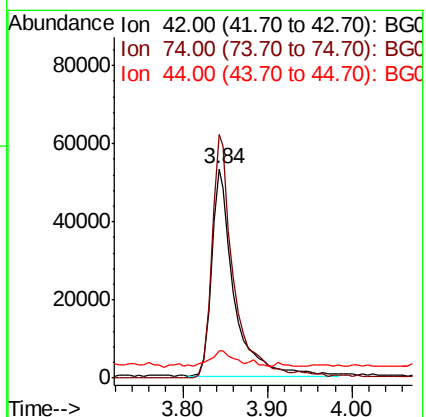
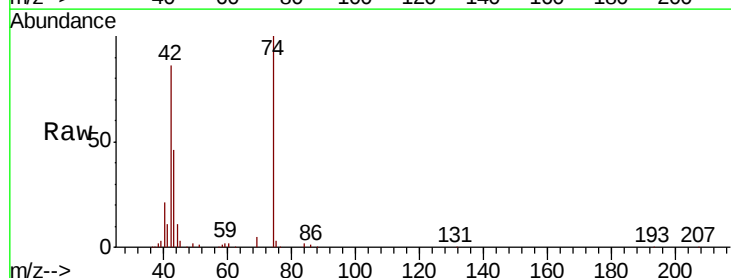
Tgt Ion: 42 Resp: 98381

Ion Ratio Lower Upper

42 100

74 116.4 96.6 145.0

44 13.3 7.0 10.4#





#5

2-Fluorophenol

Concen: 114.683 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_F

ClientSampled :

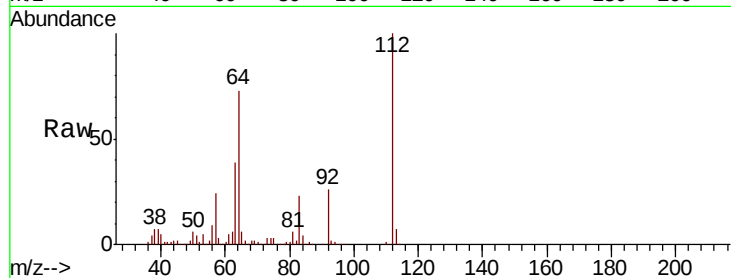
Tot Ion:112 Resp: 369509

Ion Ratio Lower Upper

112 100

64 73.0 57.2 85.8

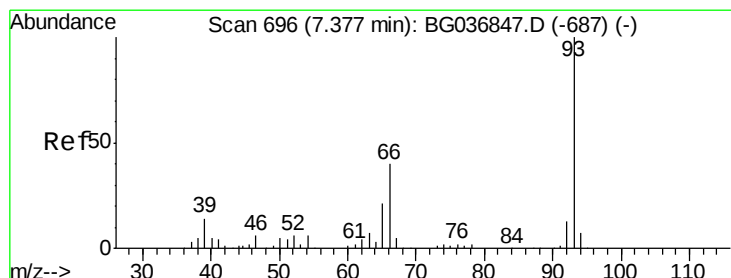
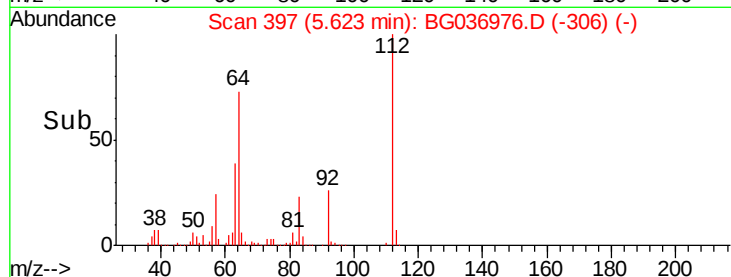
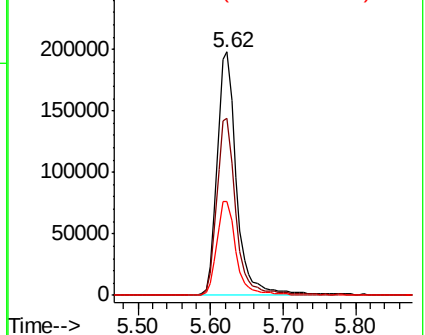
63 38.8 30.8 46.2



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: 24.983 ng

RT: 7.37 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

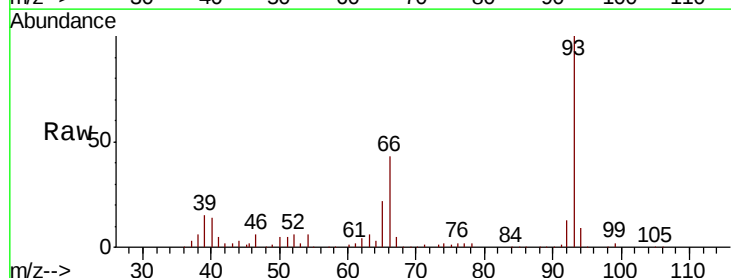
Tgt Ion: 93 Resp: 161601

Ion Ratio Lower Upper

93 100

66 43.0 35.0 52.4

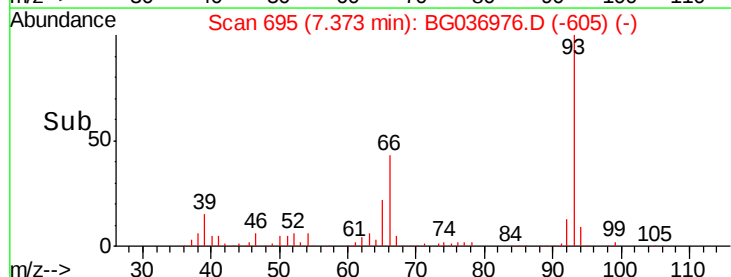
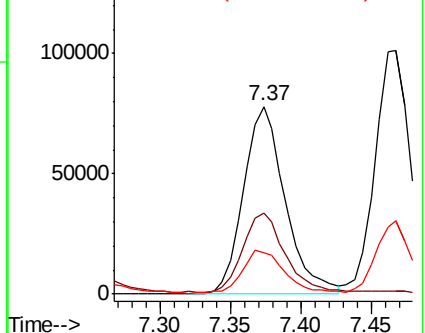
65 22.0 17.6 26.4



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: 91.739 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

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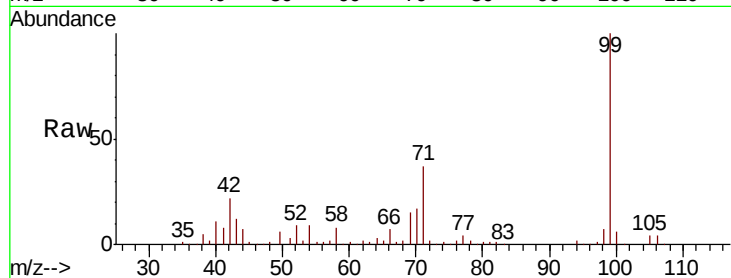
Tot Ion: 99 Resp: 457317

Ion Ratio Lower Upper

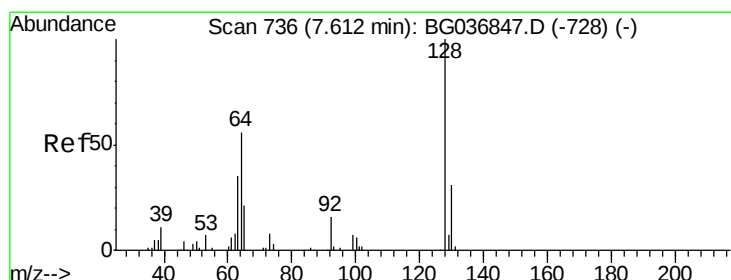
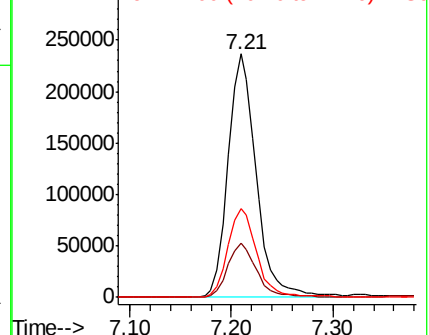
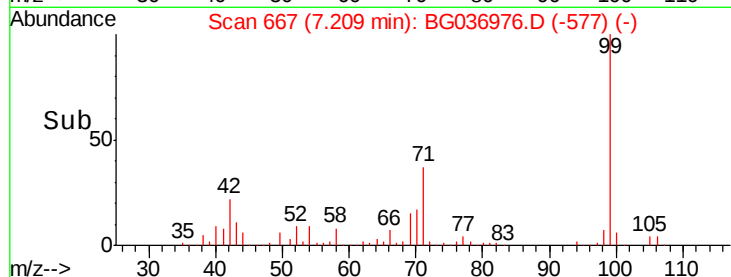
99 100

42 22.2 16.5 24.7

71 36.6 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: 47.853 ng

RT: 7.61 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

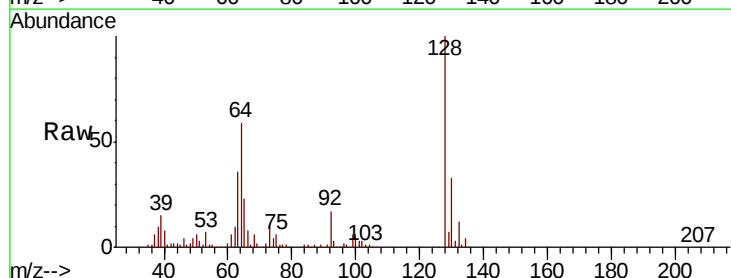
Tgt Ion: 128 Resp: 179023

Ion Ratio Lower Upper

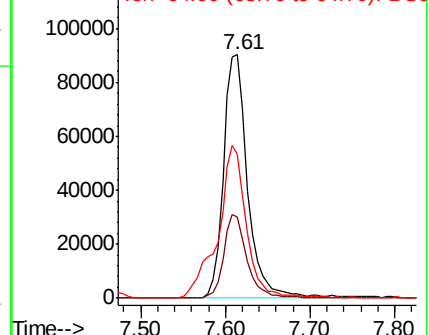
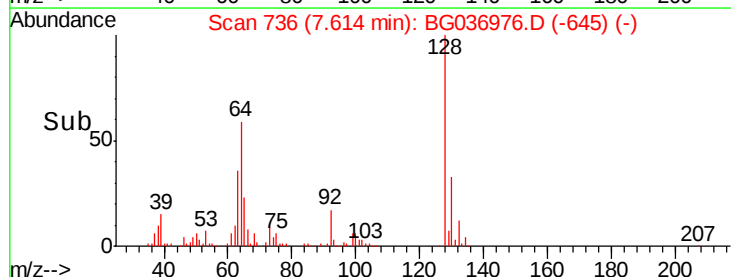
128 100

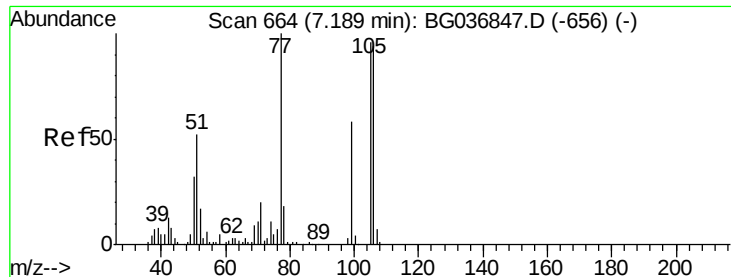
130 33.3 10.0 50.0

64 58.8 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: 33.235 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

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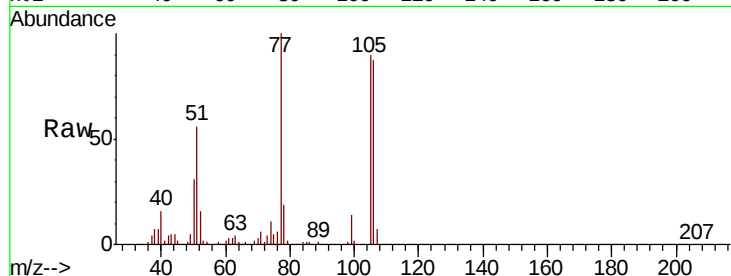
Tot Ion: 77 Resp: 109475

Ion Ratio Lower Upper

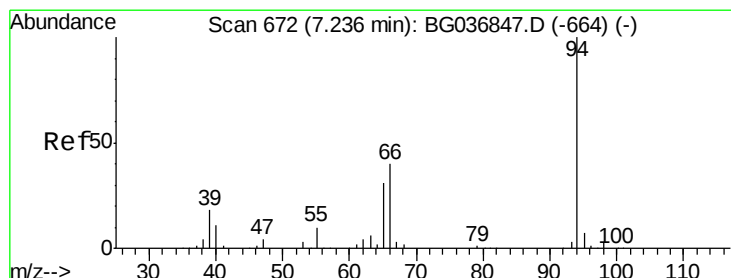
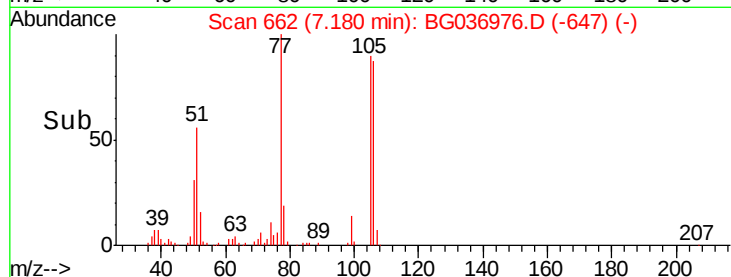
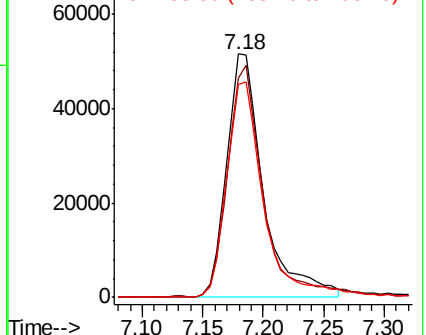
77 100

105 90.0 70.5 110.5

106 87.2 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: 40.449 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

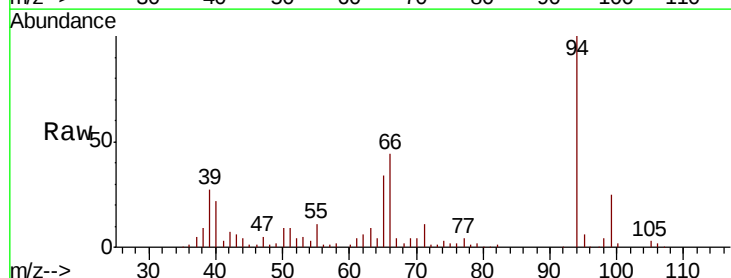
Tgt Ion: 94 Resp: 208102

Ion Ratio Lower Upper

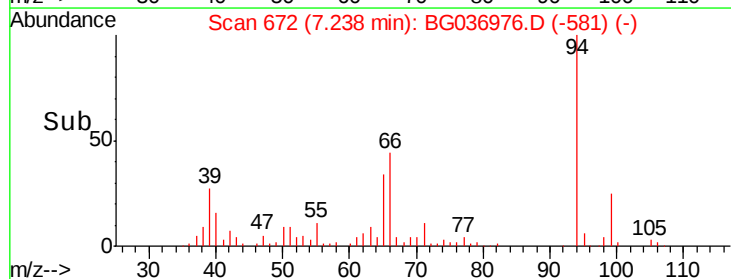
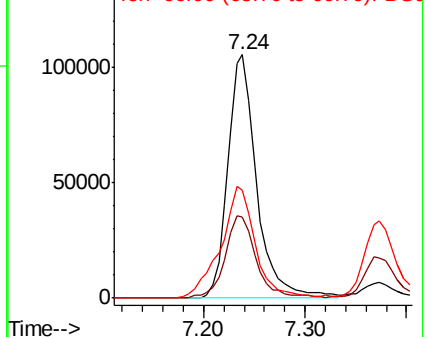
94 100

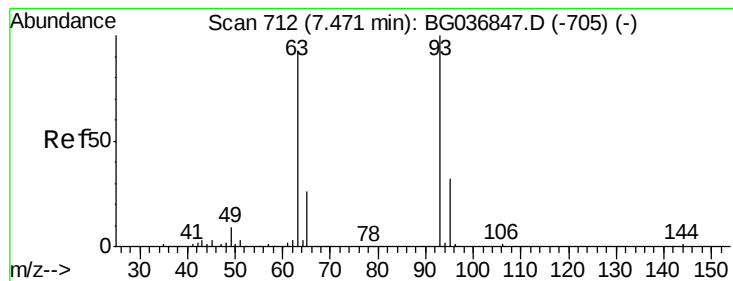
65 33.6 11.5 51.5

66 44.4 19.5 59.5



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





#11

bis(2-Chloroethyl)ether

Concen: 40.219 ng

RT: 7.47 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_F

ClientSampleId :

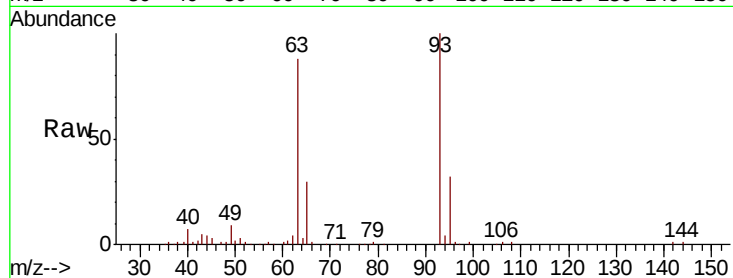
Tot Ion: 93 Resp: 191399

Ion Ratio Lower Upper

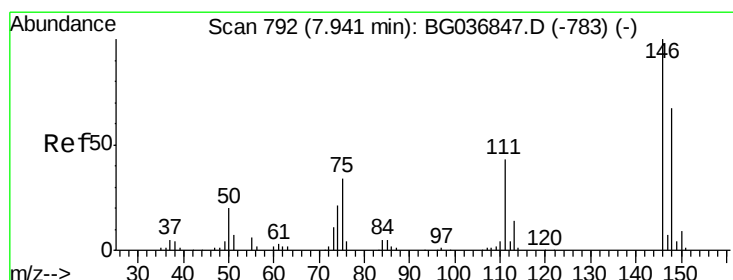
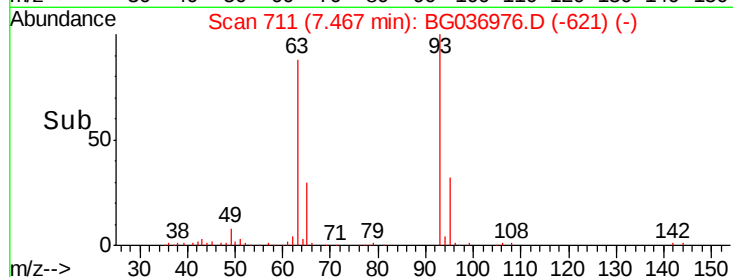
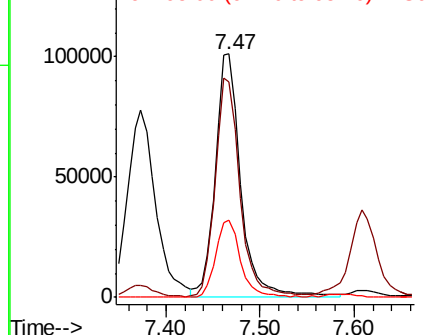
93 100

63 88.4 69.9 109.9

95 31.7 11.7 51.7



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



#12

1,3-Dichlorobenzene

Concen: 42.655 ng

RT: 7.93 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

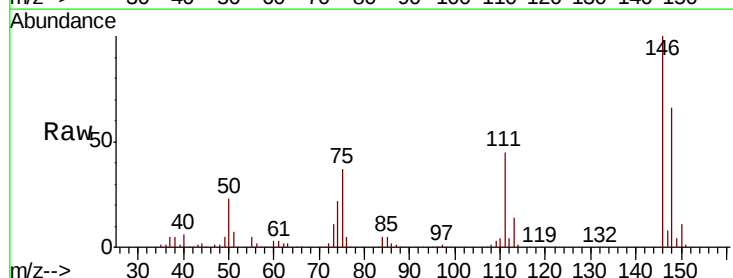
Tgt Ion: 146 Resp: 195640

Ion Ratio Lower Upper

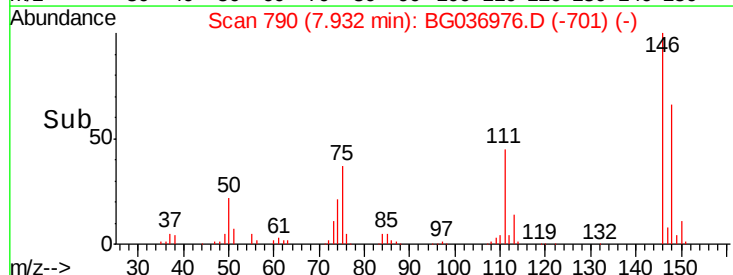
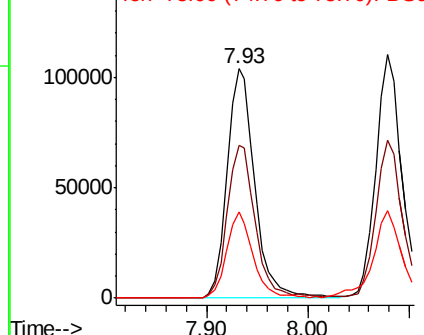
146 100

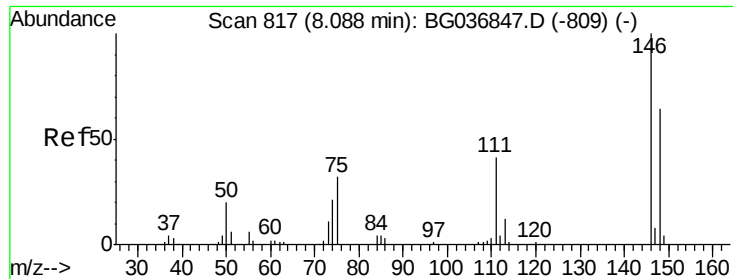
148 66.3 53.8 80.6

75 37.5 27.2 40.8



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

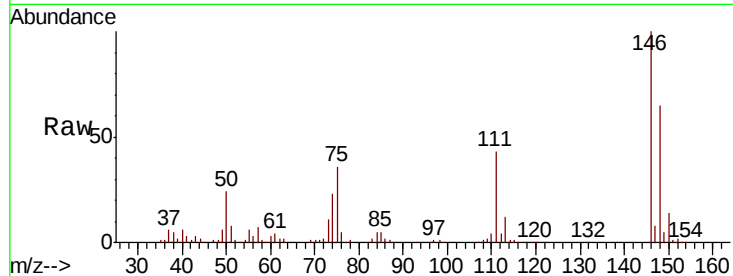




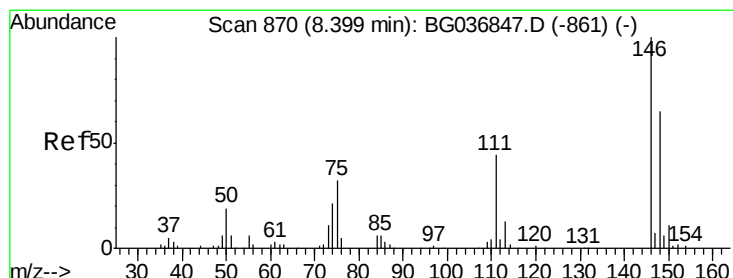
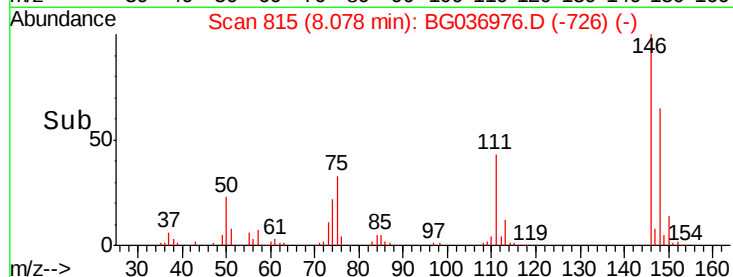
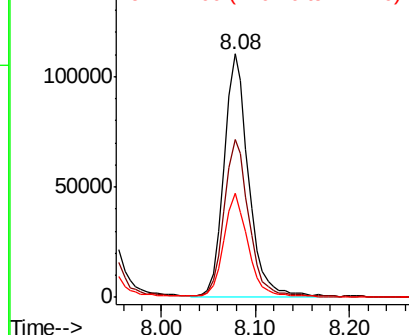
#13
 1,4-Dichlorobenzene
 Concen: 42.331 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	53.9	80.9
111	42.9	33.8	50.6

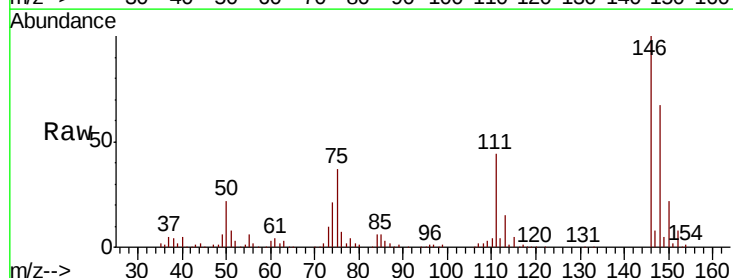


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

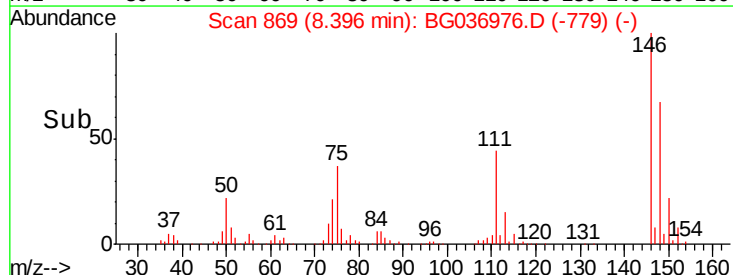
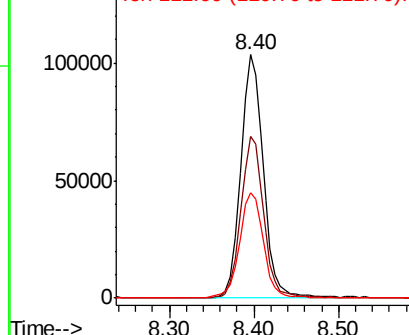


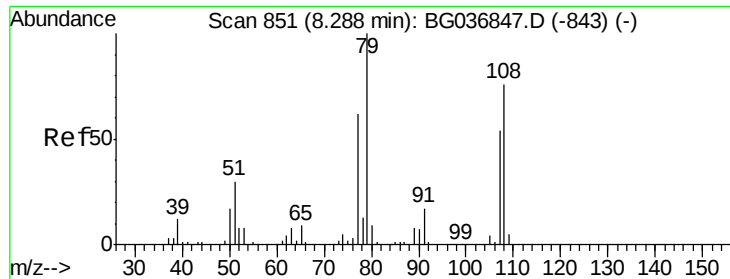
#14
 1,2-Dichlorobenzene
 Concen: 41.708 ng
 RT: 8.40 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	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: 42.952 ng

RT: 8.28 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_F

ClientSampleId :

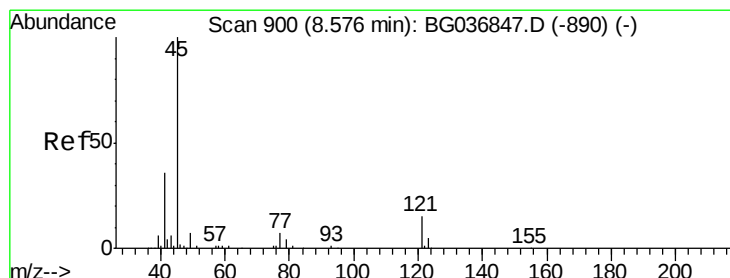
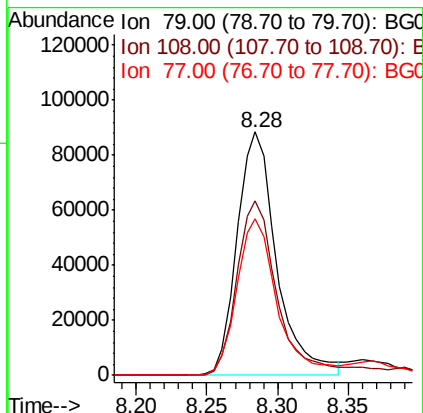
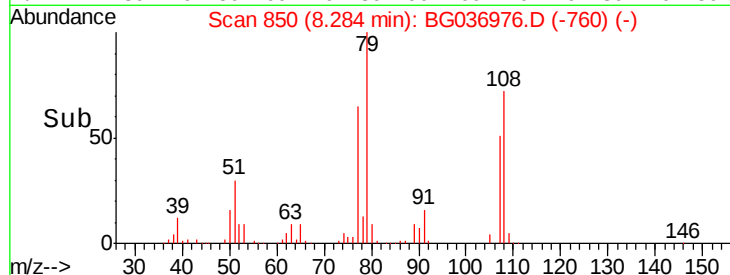
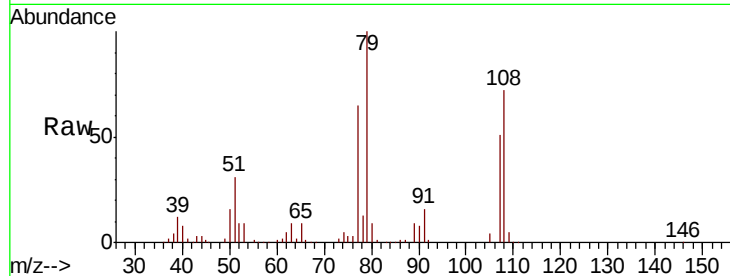
Tot Ion: 79 Resp: 173735

Ion Ratio Lower Upper

79 100

108 71.8 55.9 83.9

77 64.6 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.249 ng

RT: 8.57 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

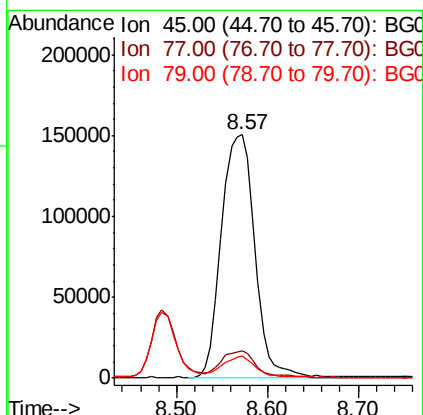
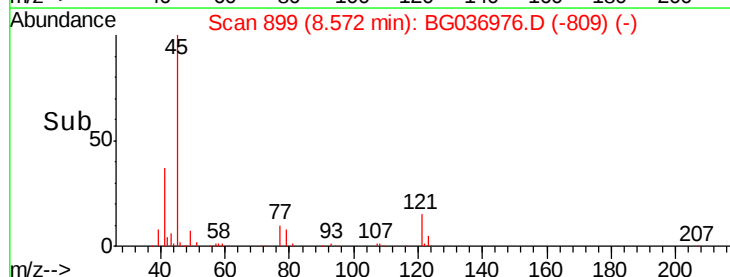
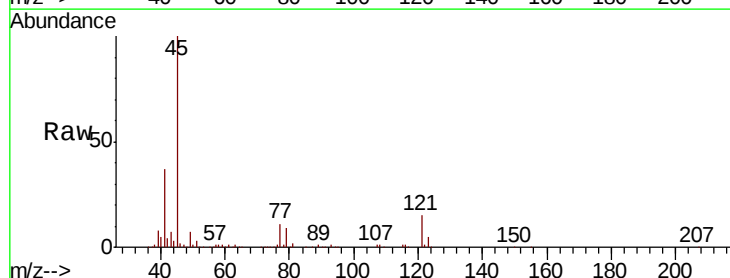
Tgt Ion: 45 Resp: 386005

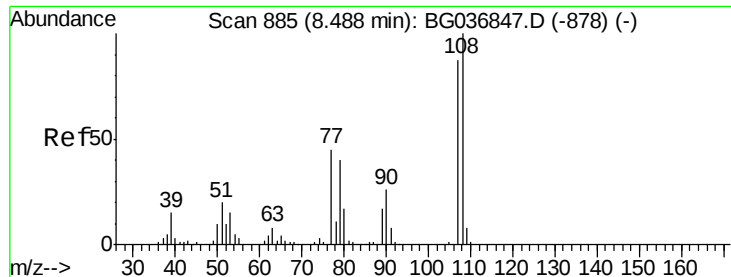
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.5

79 8.9 0.0 27.9

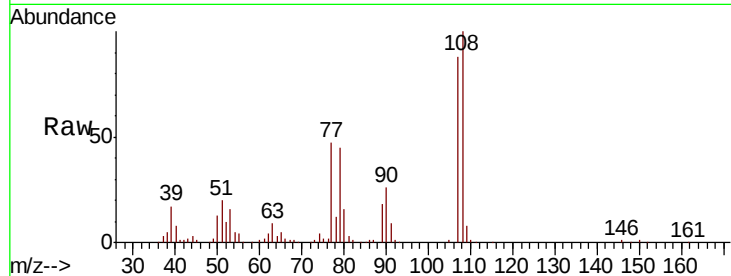




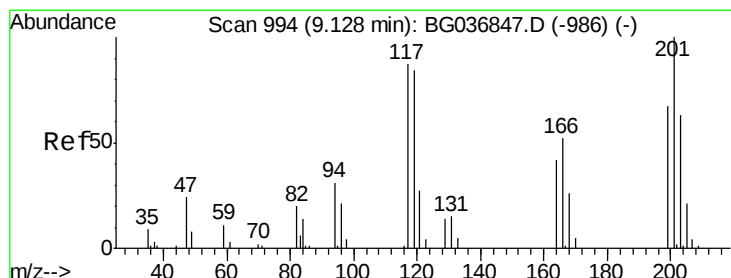
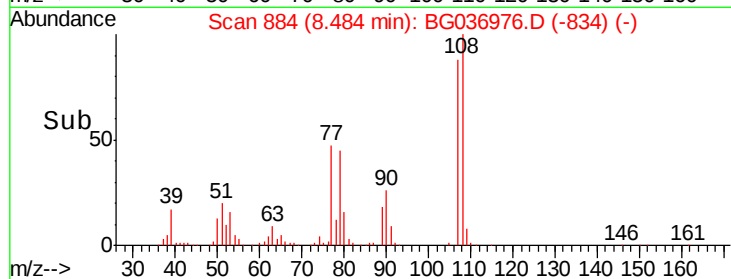
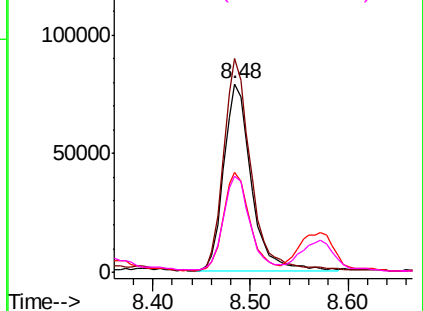
#17
2-Methylphenol
Concen: 43.331 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	155286
Ion	Ratio	Lower	Upper
107	100		
108	113.3	86.7	130.1
77	52.9	39.0	58.4
79	51.1	36.6	54.8

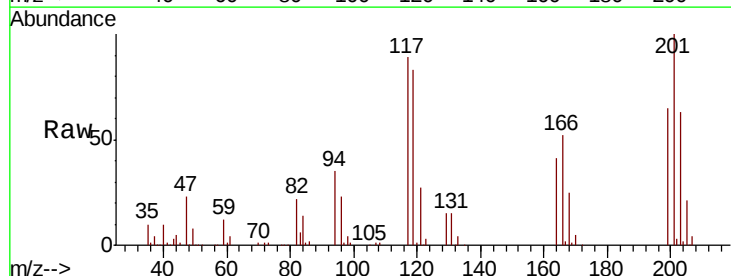


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

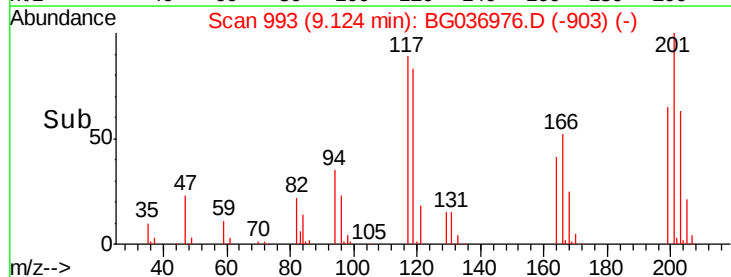
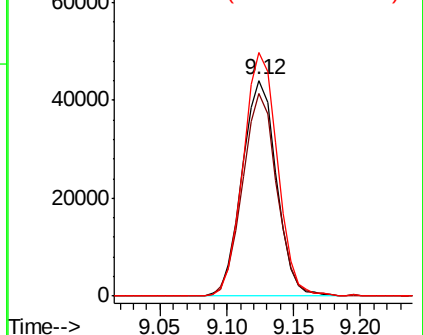


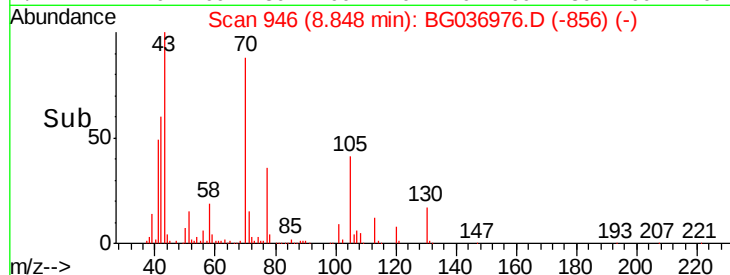
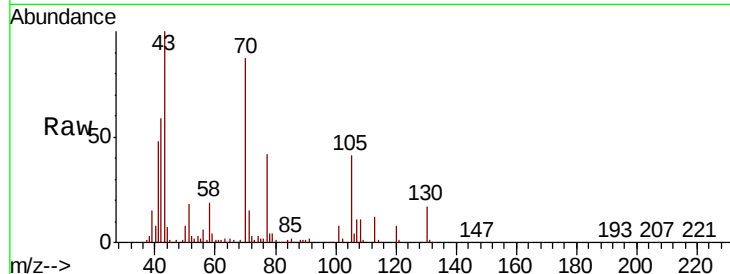
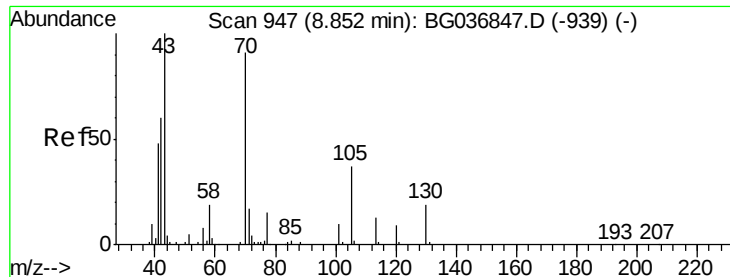
#18
Hexachloroethane
Concen: 45.318 ng
RT: 9.12 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion:	117	Resp:	78277
Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.8	115.2
201	112.9	85.7	128.5



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

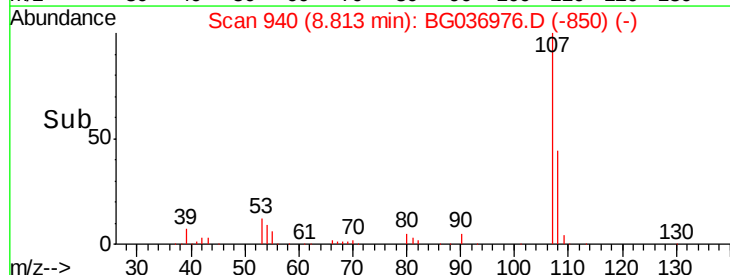
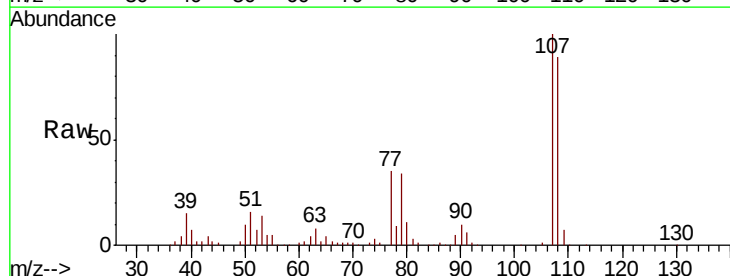
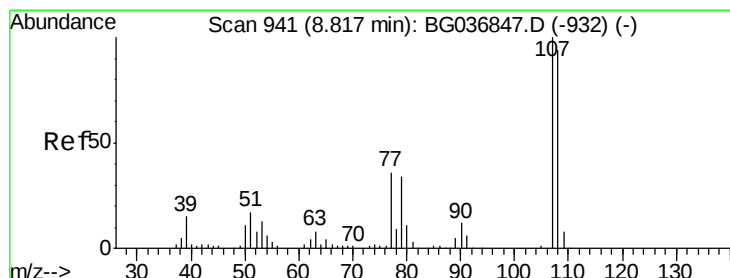
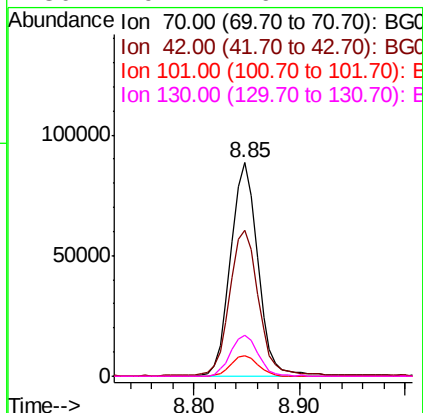




#19
n-Nitroso-di-n-propylamine
Concen: 38.200 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

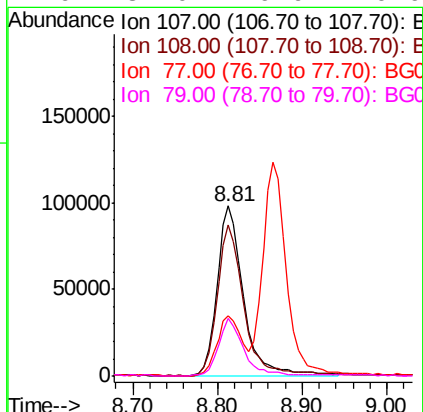
Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	158413
Ion	Ratio	Lower	Upper
70	100		
42	68.1	56.2	84.4
101	9.7	7.8	11.6
130	19.2	16.2	24.2



#20
3+4-Methylphenols
Concen: 42.626 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion:	107	Resp:	212512
Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.0	108.0
77	35.1	15.6	55.6
79	34.0	9.9	49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 247524

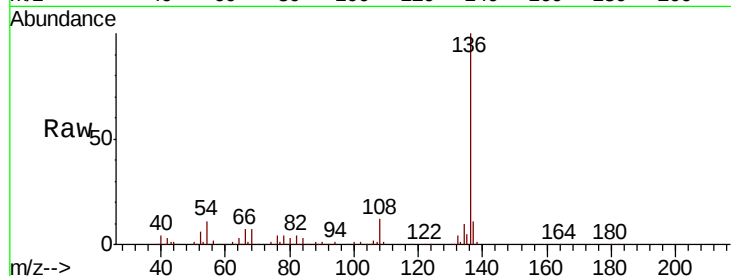
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 11.2 9.2 13.8

68 7.1 5.8 8.6

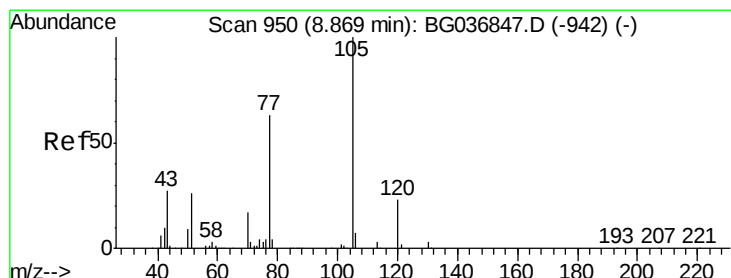
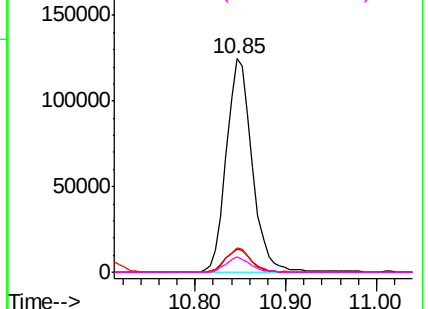
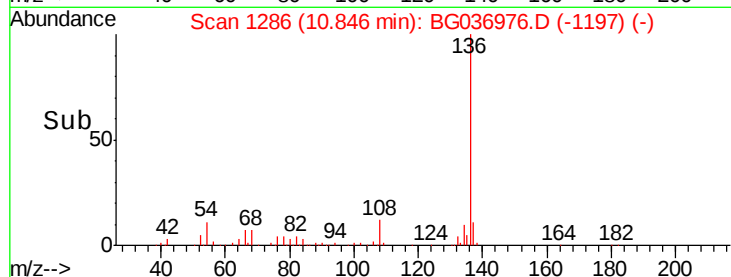


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 47.606 ng

RT: 8.87 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Tgt Ion:105 Resp: 276914

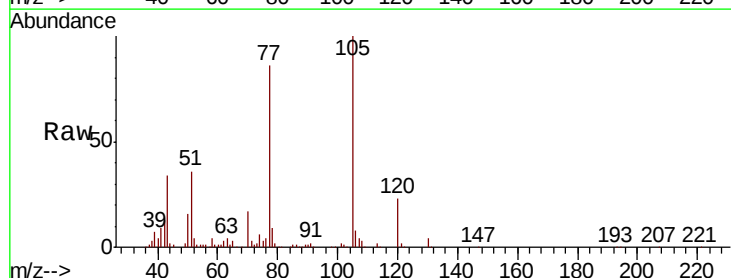
Ion Ratio Lower Upper

105 100

71 3.0 2.4 3.6

51 36.5 25.9 38.9

120 22.7 19.4 29.0

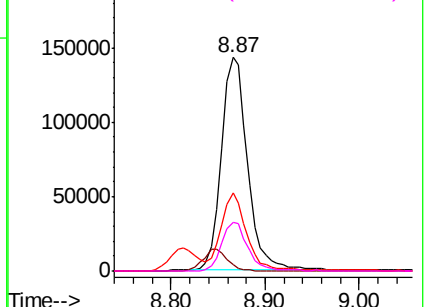
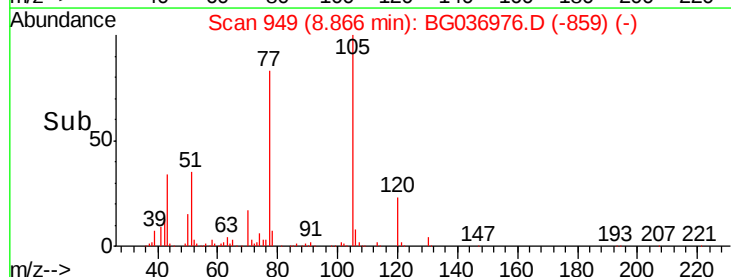


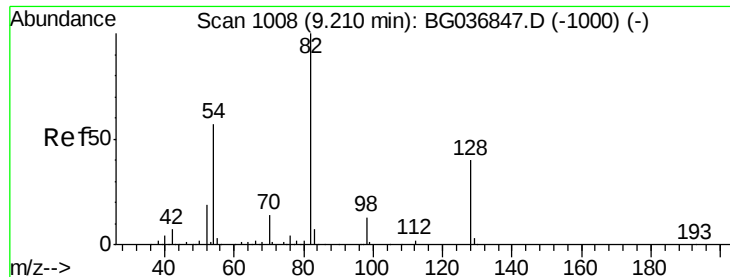
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

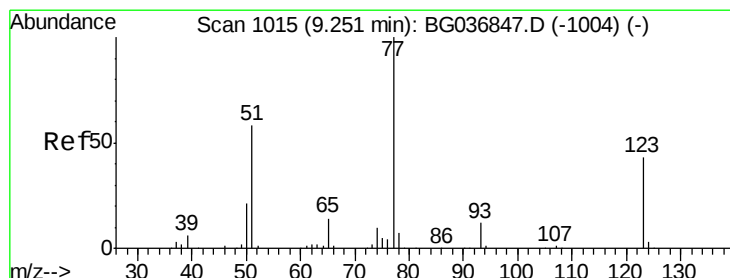
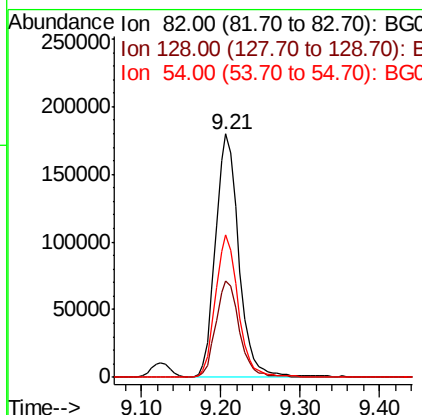
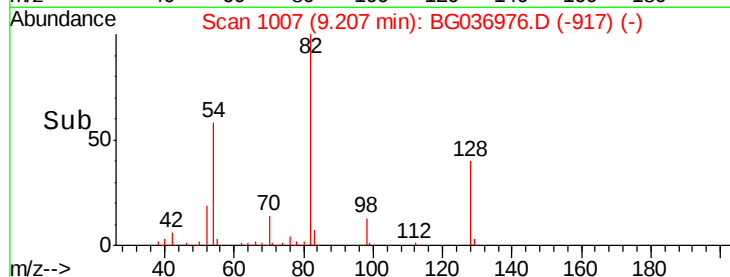
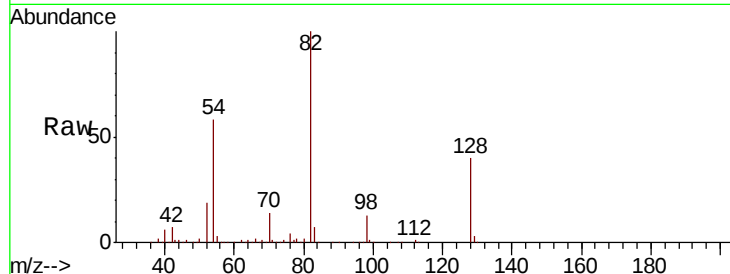




#23
 Nitrobenzene-d5
 Concen: 79.269 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

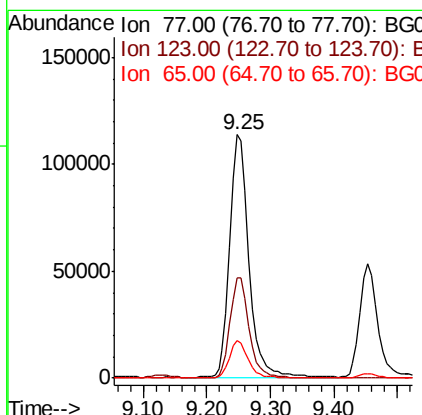
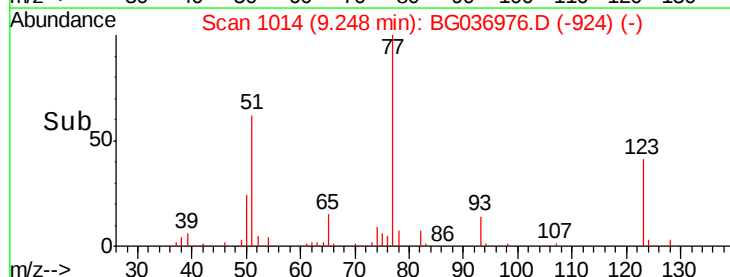
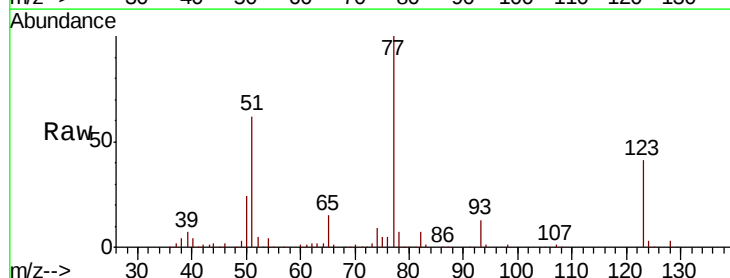
Instrument :
 BNA_F
 ClientSampled :

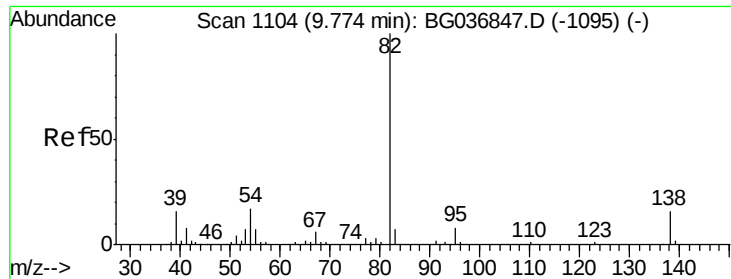
Tot Ion	82	Resp	366396
Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.3	49.9
54	58.3	45.1	67.7



#24
 Nitrobenzene
 Concen: 47.575 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion	77	Resp	234833
Ion	Ratio	Lower	Upper
77	100		
123	41.3	32.4	48.6
65	15.2	11.5	17.3

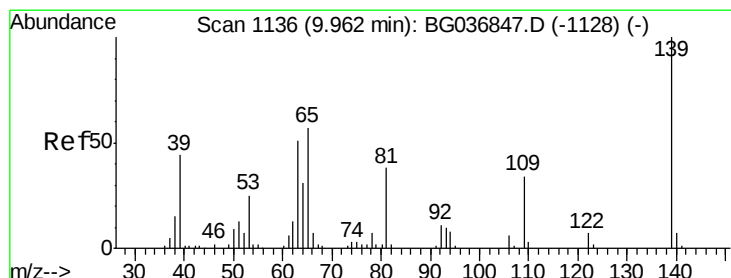
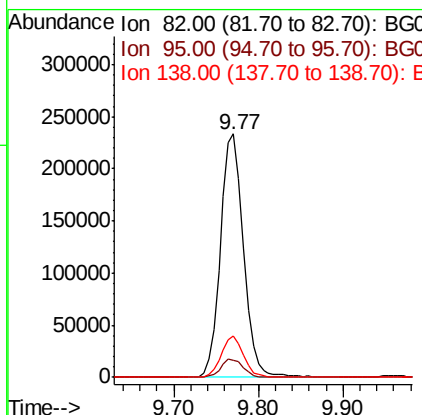
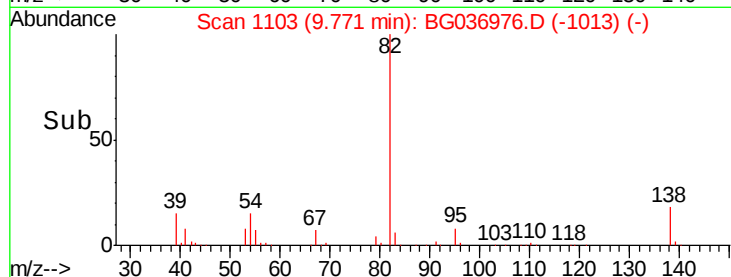
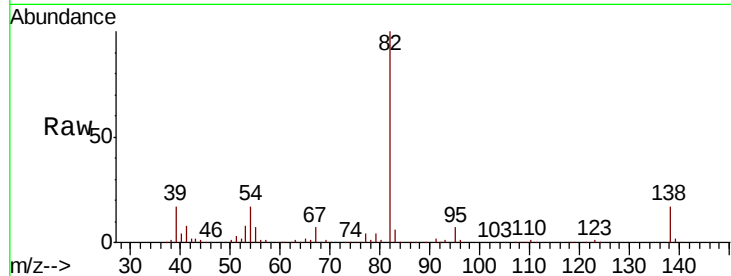




#25
Isophorone
Concen: 52.379 ng
RT: 9.77 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

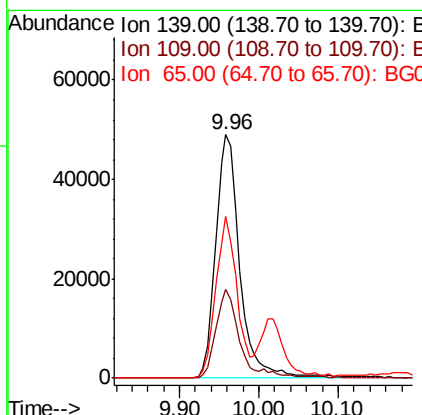
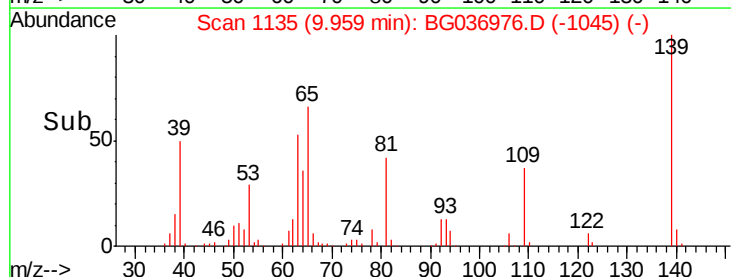
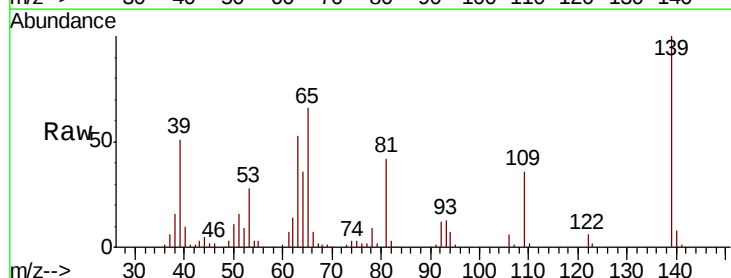
Instrument :
BNA_F
ClientSampleId :

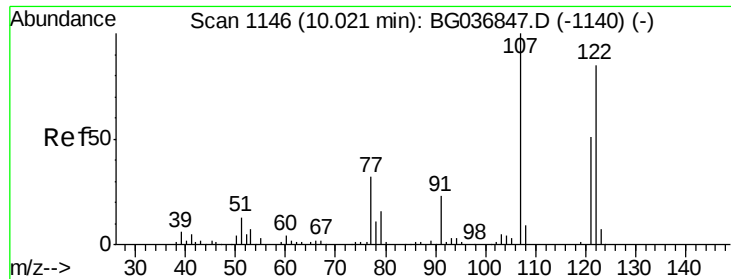
Tot Ion: 82 Resp: 442379
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 17.0 12.9 19.3



#26
2-Nitrophenol
Concen: 52.238 ng
RT: 9.96 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion: 139 Resp: 102778
Ion Ratio Lower Upper
139 100
109 36.4 27.4 41.0
65 66.4 47.8 71.6

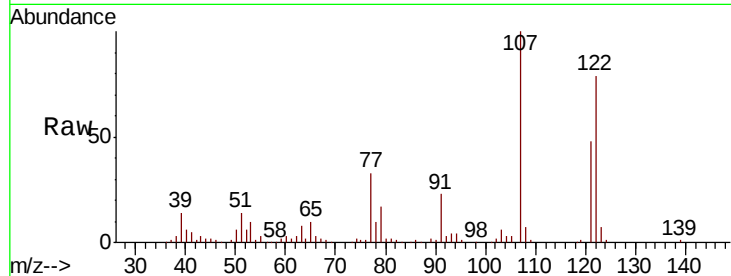




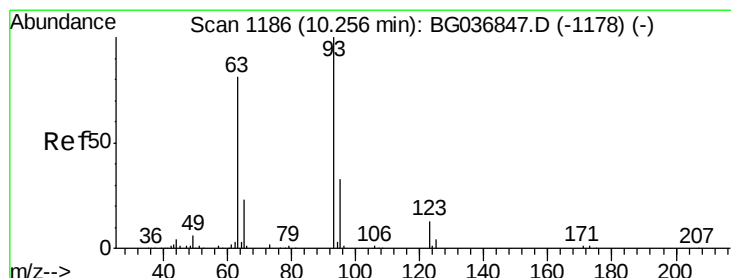
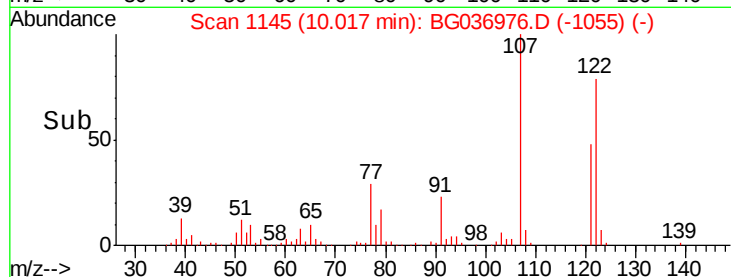
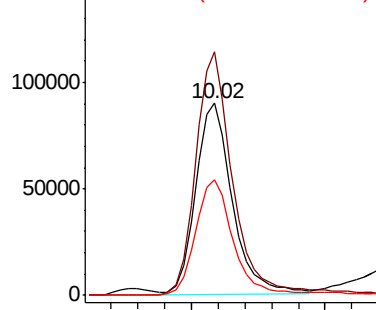
#27
 2,4-Dimethylphenol
 Concen: 56.431 ng
 RT: 10.02 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 172950
 Ion Ratio Lower Upper
 122 100
 107 126.6 96.0 144.0
 121 60.4 48.2 72.4

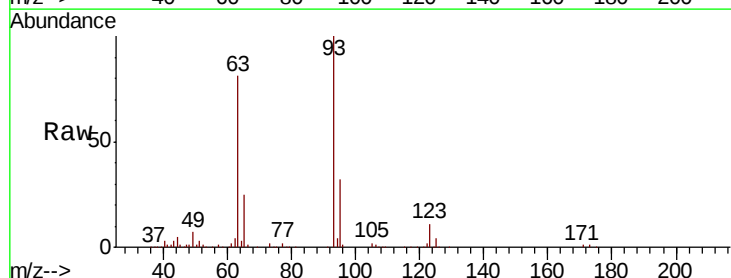


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

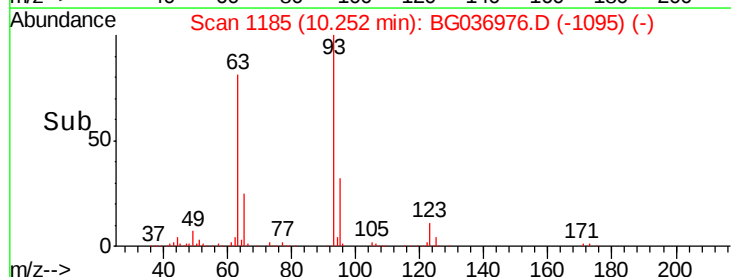
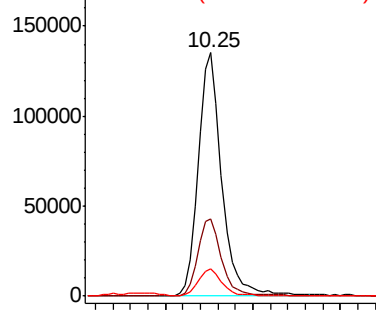


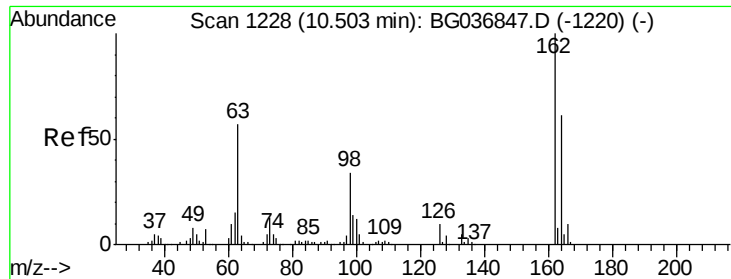
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.801 ng
 RT: 10.25 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion: 93 Resp: 249114
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.2 37.8
 123 11.3 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

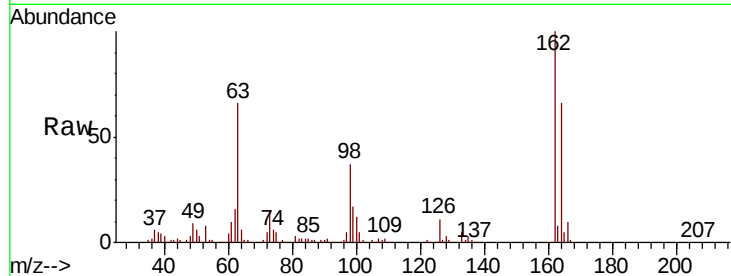




#29
 2,4-Dichlorophenol
 Concen: 52.273 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	47.6	87.6
98	37.4	19.2	59.2

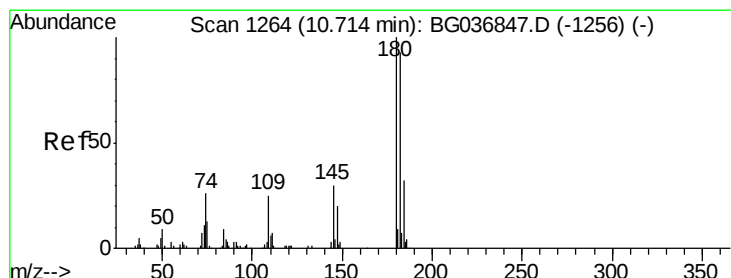
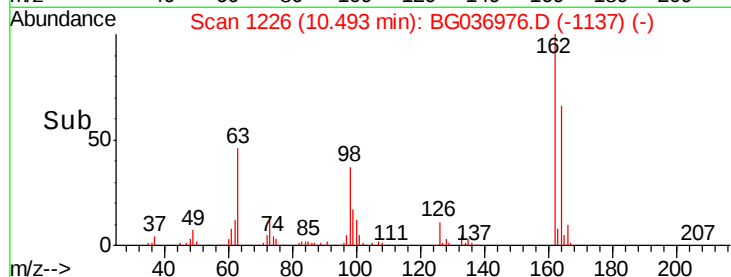
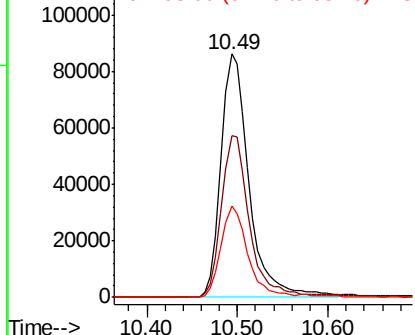


Abundance

Ion 162.00 (161.70 to 162.70): E

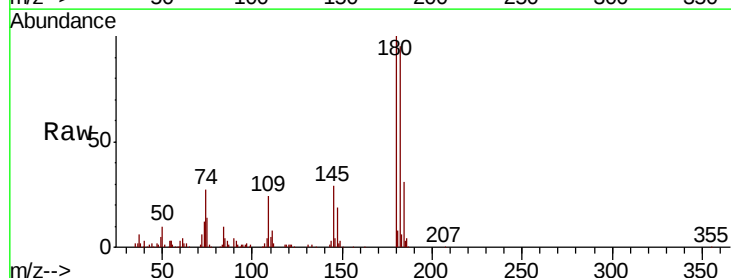
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 44.784 ng
 RT: 10.71 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.0	114.0
145	28.9	22.9	34.3

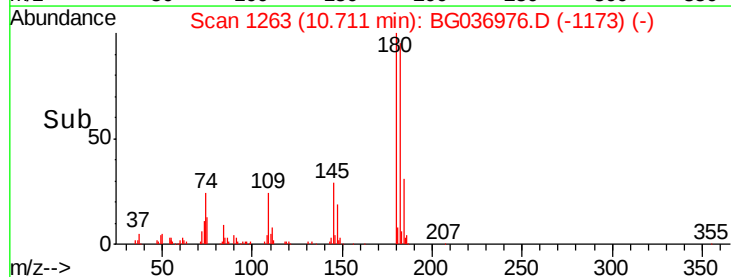
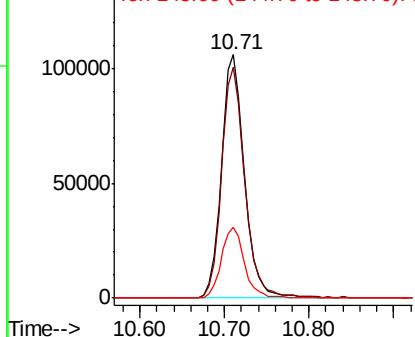


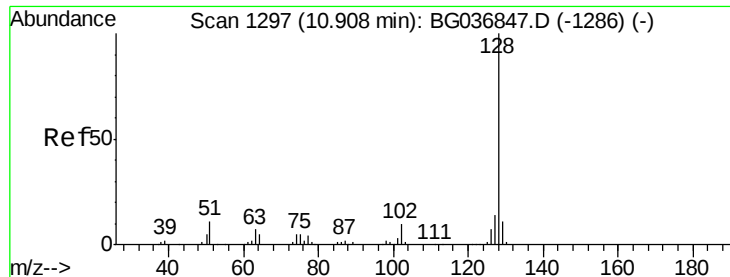
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 52.919 ng

RT: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_F

ClientSampleId :

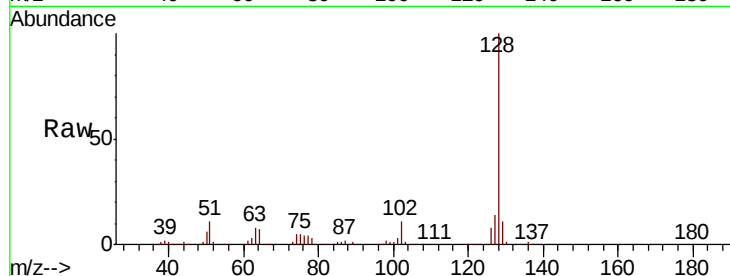
Tot Ion:128 Resp: 623244

Ion Ratio Lower Upper

128 100

129 10.8 9.4 14.2

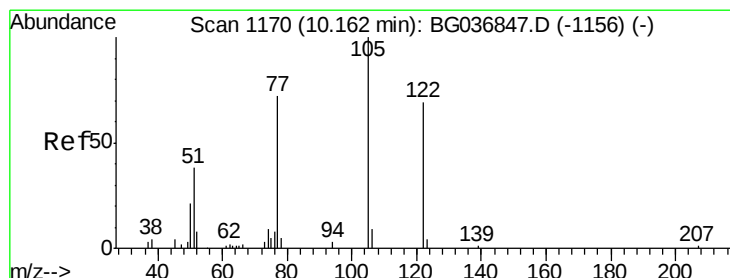
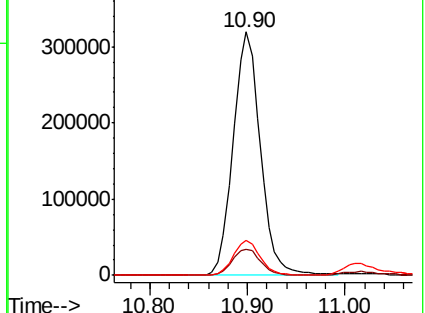
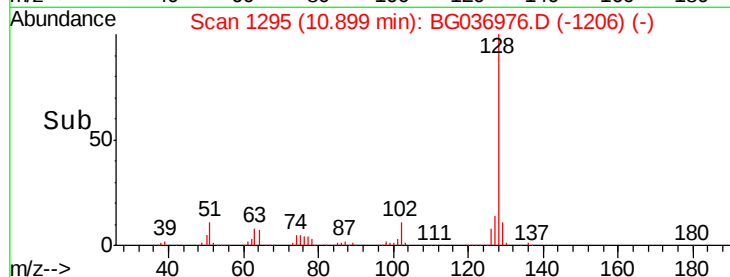
127 14.1 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.686 ng

RT: 10.18 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

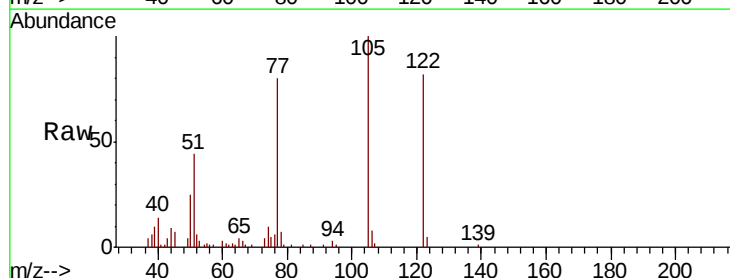
Tgt Ion:122 Resp: 79807

Ion Ratio Lower Upper

122 100

105 121.7 108.1 148.1

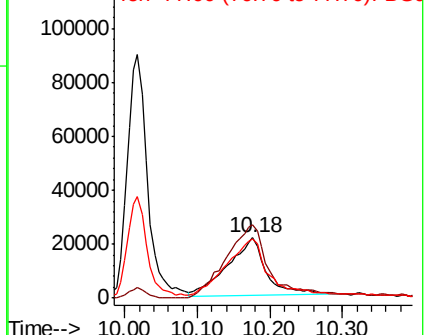
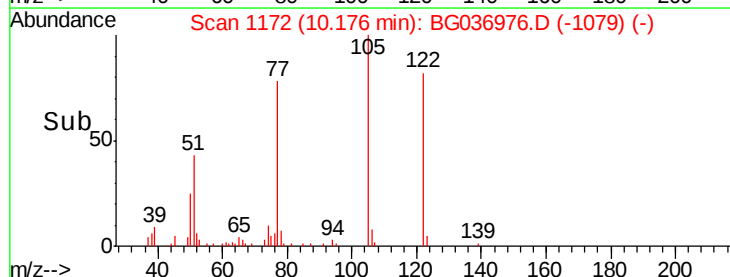
77 97.4 76.3 116.3

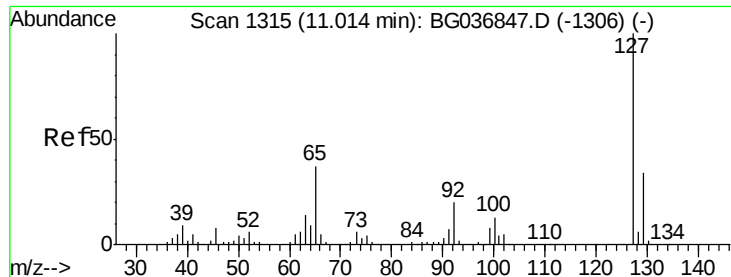


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

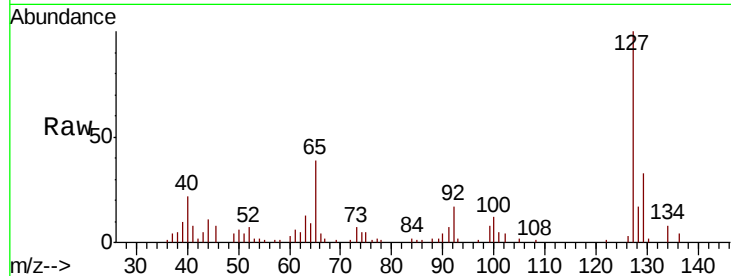




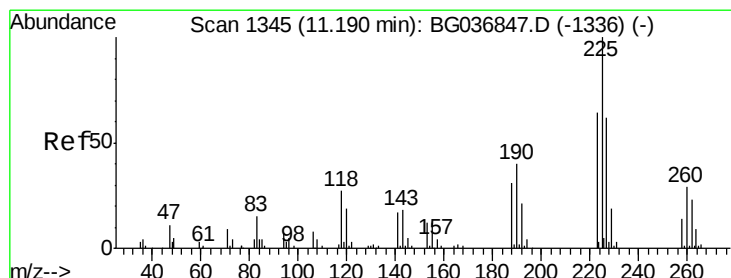
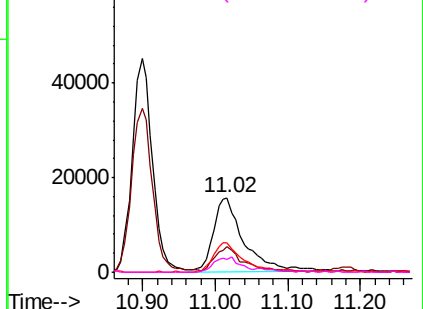
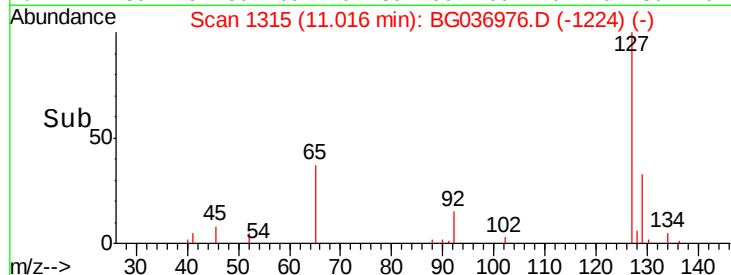
#33
4-Chloroaniline
Concen: 8.352 ng
RT: 11.02 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	44721
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.9	38.9
65	39.1	27.5	41.3
92	17.0	16.2	24.2

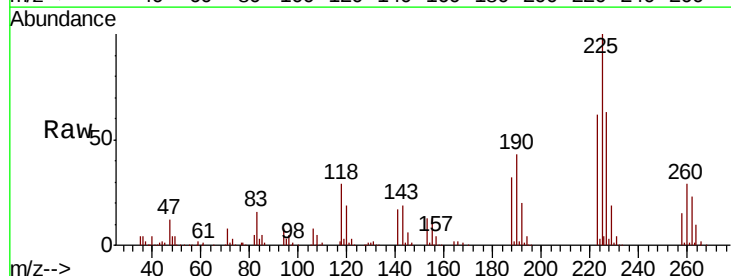


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

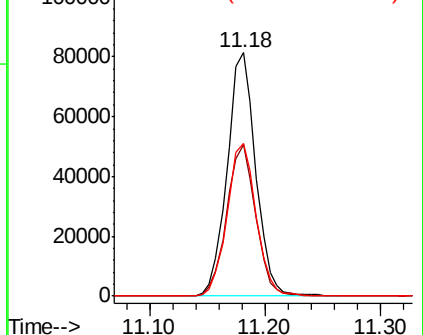
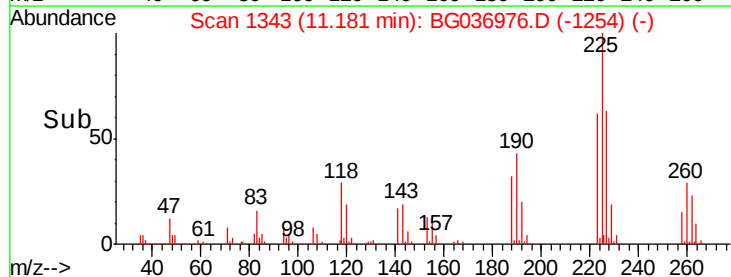


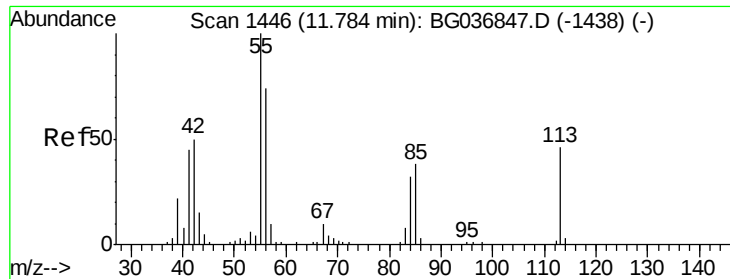
#34
Hexachlorobutadiene
Concen: 45.274 ng
RT: 11.18 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion:	225	Resp:	139204
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.8	77.8
227	62.5	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

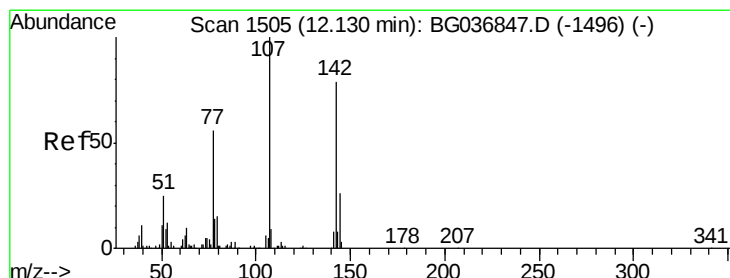
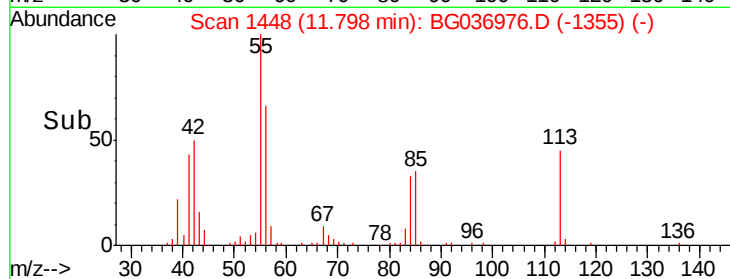
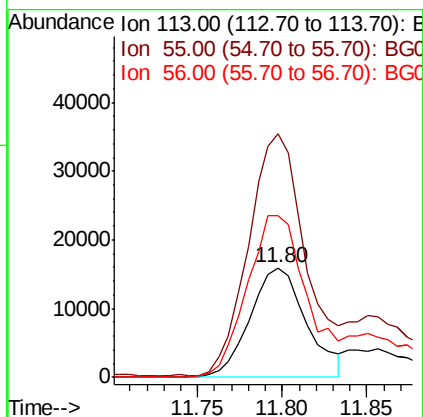
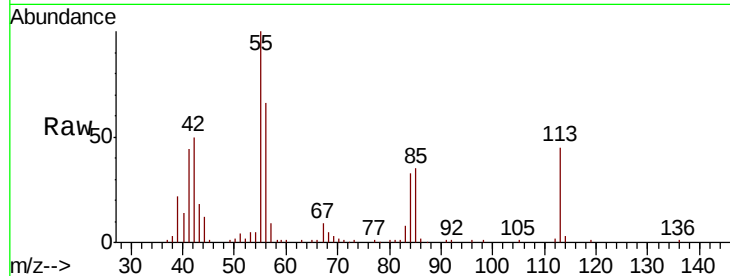




#35
 Caprolactam
 Concen: 25.188 ng
 RT: 11.80 min Scan# 1448
 Delta R.T. 0.01 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

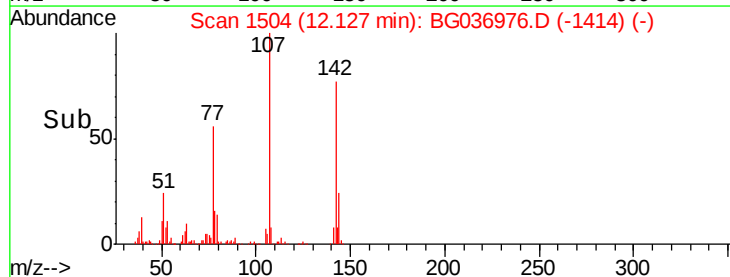
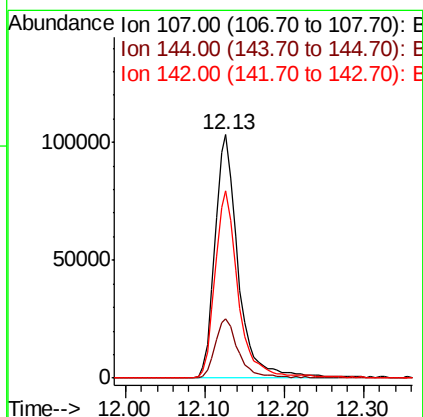
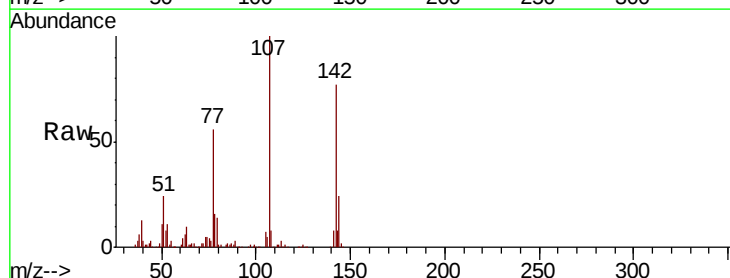
Instrument :
 BNA_F
 ClientSampled :

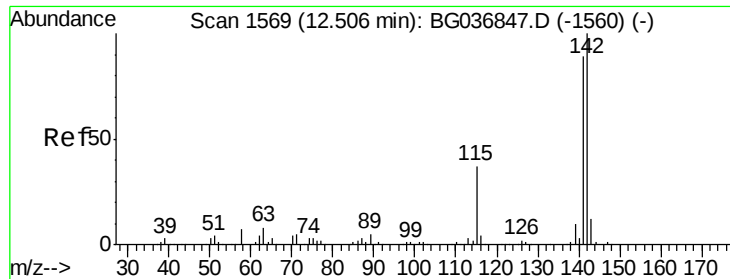
Tot Ion:113 Resp: 36832
 Ion Ratio Lower Upper
 113 100
 55 223.0 197.7 237.7
 56 147.6 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 49.344 ng
 RT: 12.13 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion:107 Resp: 209177
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.5 29.3
 142 77.0 62.4 93.6

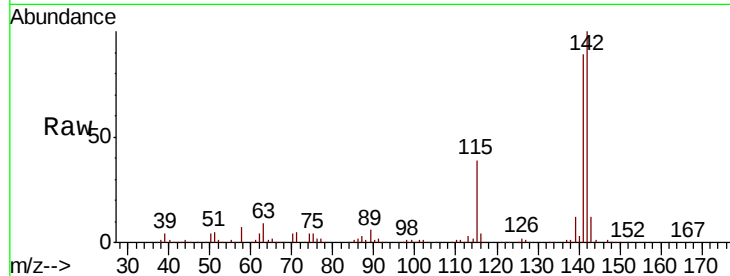




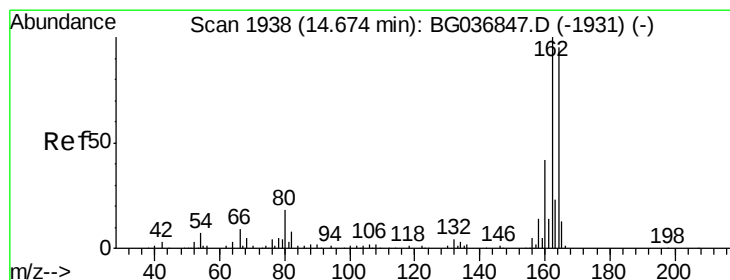
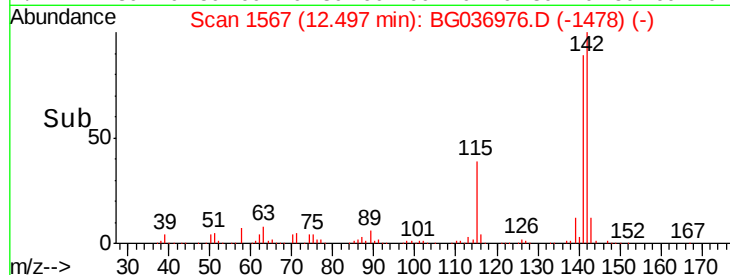
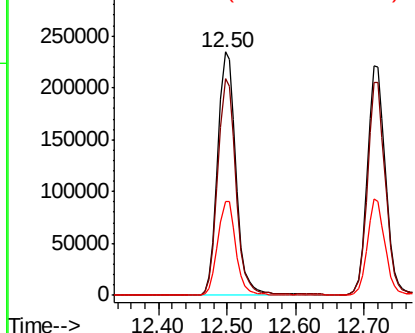
#37
2-Methylnaphthalene
Concen: 48.479 ng
RT: 12.50 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 434846
Ion Ratio Lower Upper
142 100
141 88.8 68.5 102.7
115 38.8 29.8 44.8

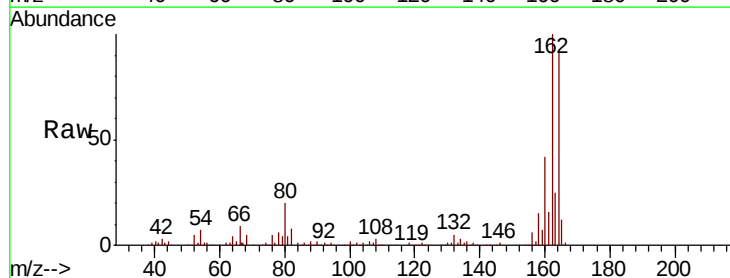


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

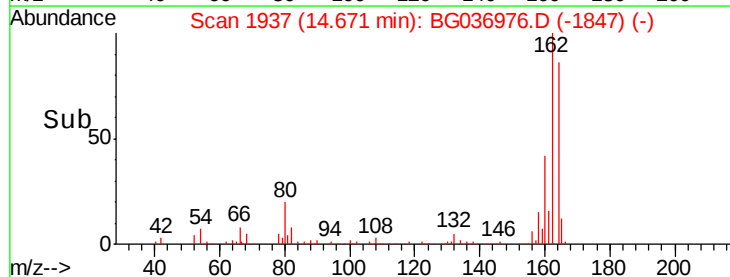
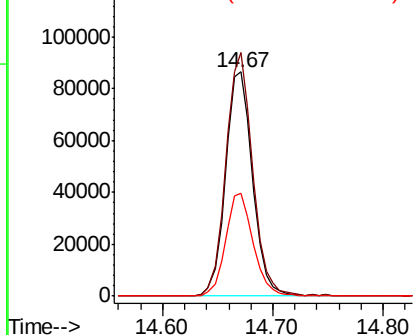


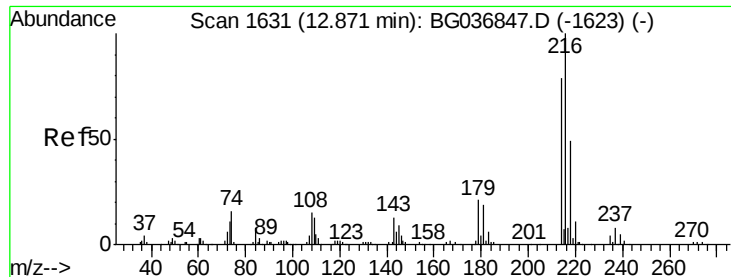
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion:164 Resp: 149189
Ion Ratio Lower Upper
164 100
162 108.6 80.7 121.1
160 46.0 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: 47.161 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 245400

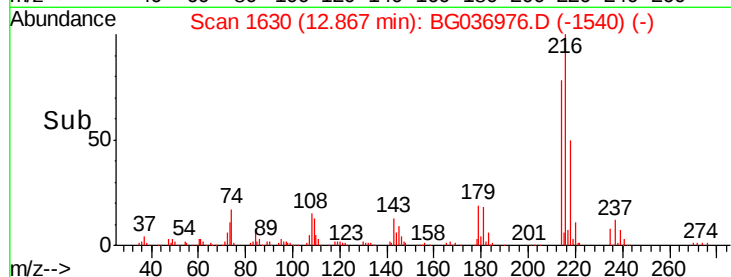
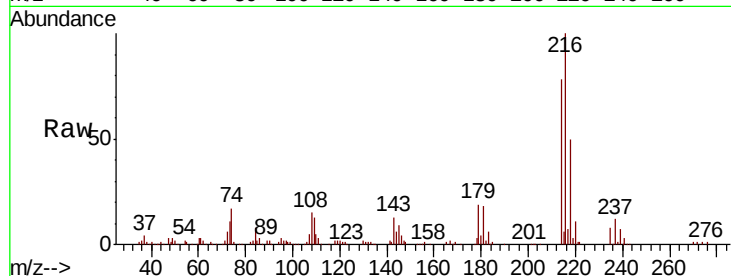
Ion Ratio Lower Upper

216 100

214 77.8 61.0 91.6

179 19.2 15.7 23.5

108 18.4 13.1 19.7

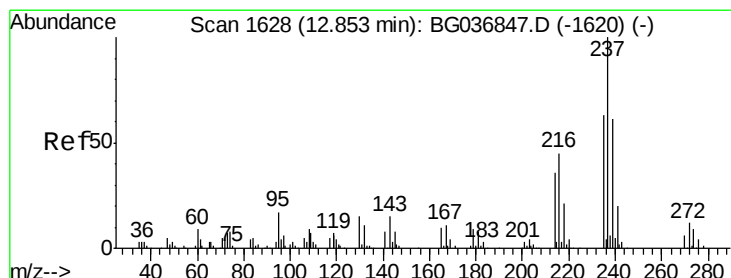
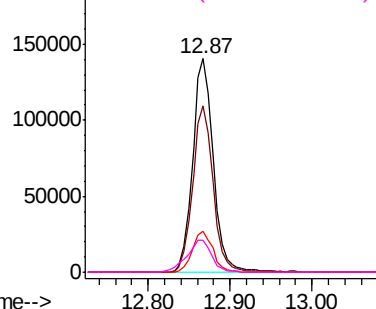


Abundance Ion 216.00 (215.70 to 216.70): E

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: 106.221 ng

RT: 12.84 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

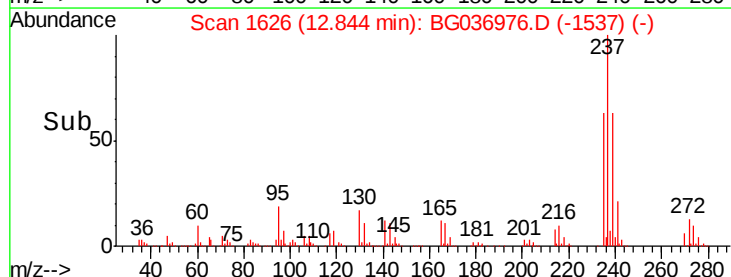
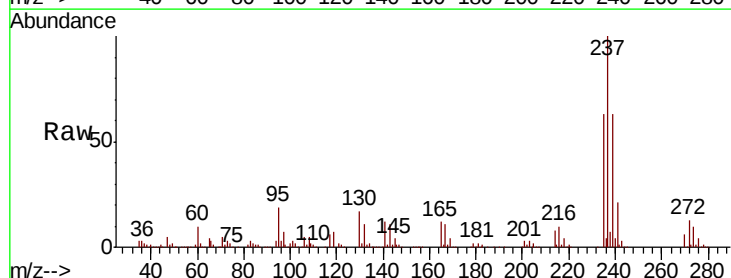
Tgt Ion:237 Resp: 284263

Ion Ratio Lower Upper

237 100

235 63.1 42.2 82.2

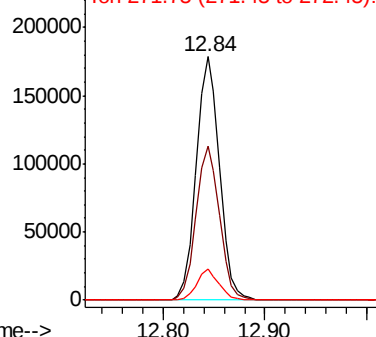
272 12.6 0.0 32.1

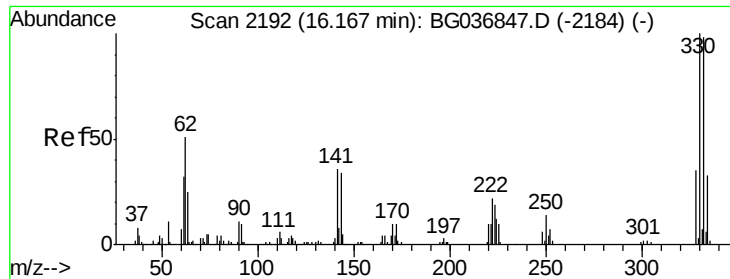


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

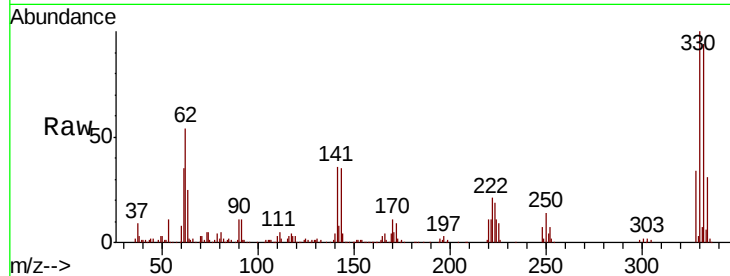




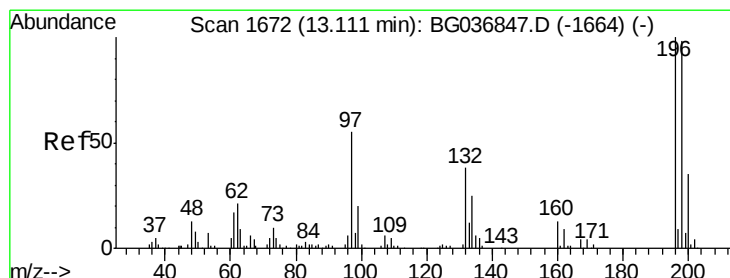
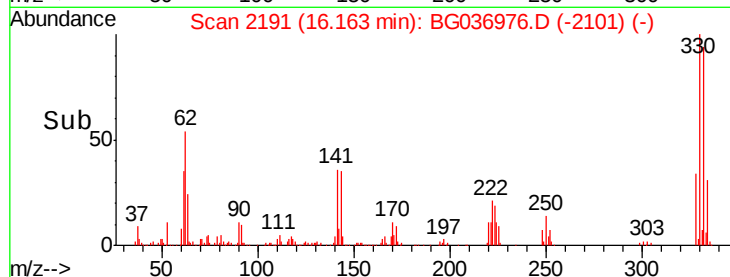
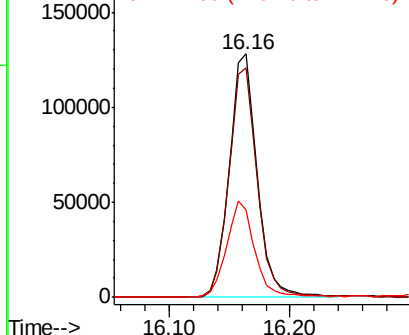
#41
 2,4,6-Tribromophenol
 Concen: 115.501 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.4	113.2
141	39.0	30.7	46.1

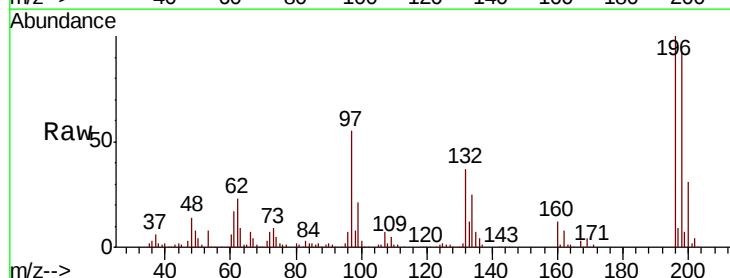


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

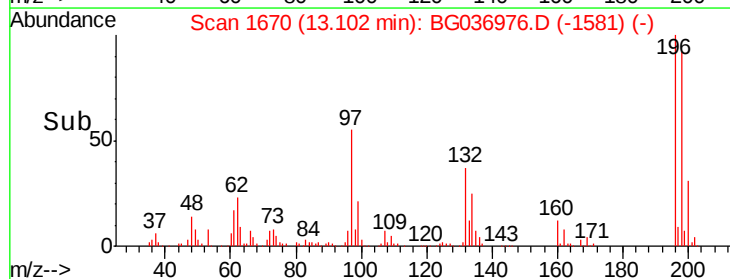
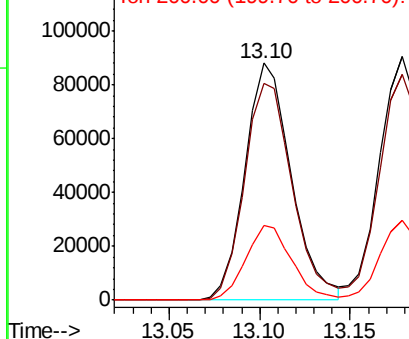


#42
 2,4,6-Trichlorophenol
 Concen: 54.103 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.8	77.2	115.8
200	31.4	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

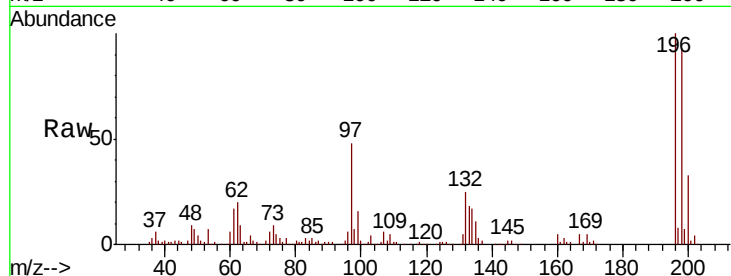




#43
 2,4,5-Trichlorophenol
 Concen: 55.701 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	171620
Ion Ratio	Lower	Upper	
196	100		
198	92.7	75.6	113.4
97	47.7	37.2	55.8
132	25.0	19.4	29.2



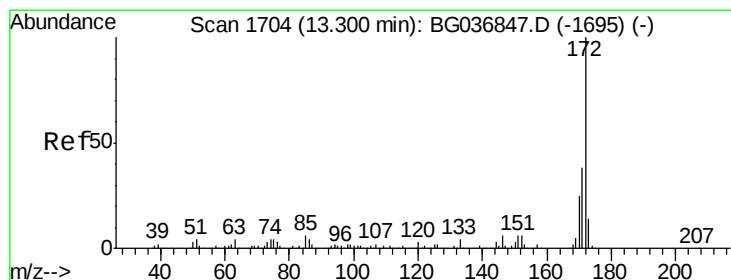
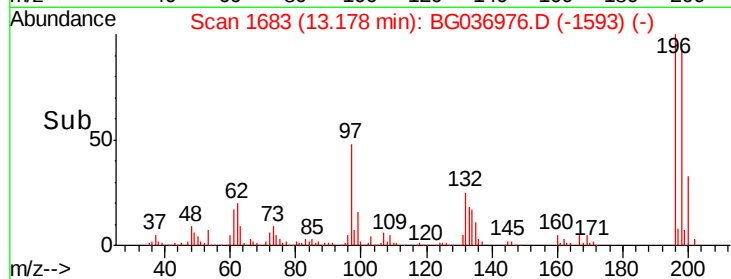
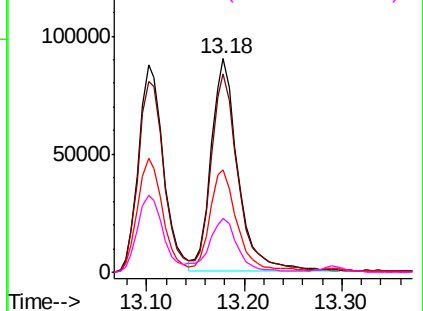
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

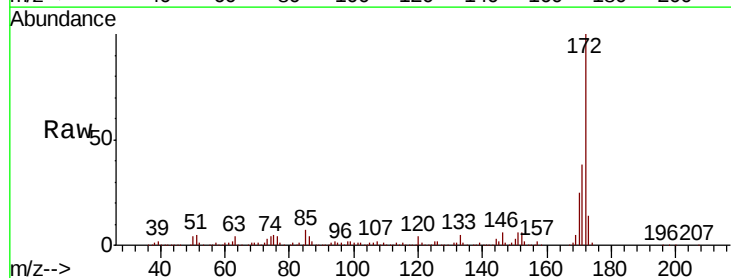
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.792 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion	172	Resp	749176
Ion Ratio	Lower	Upper	
172	100		
171	38.4	31.3	46.9
170	25.4	21.0	31.6

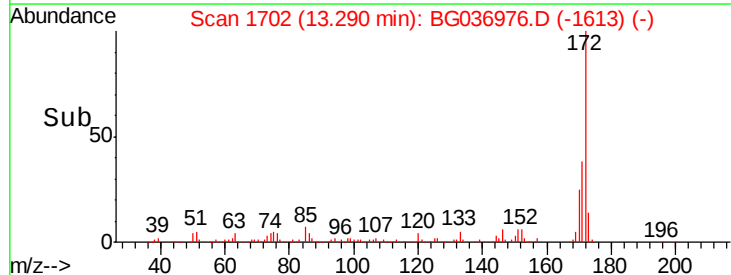
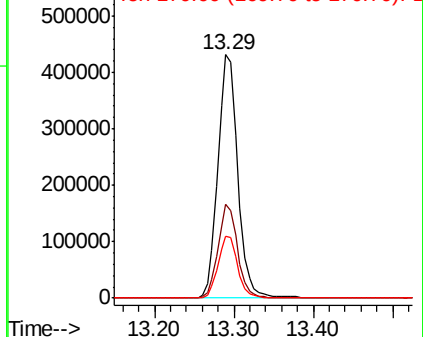


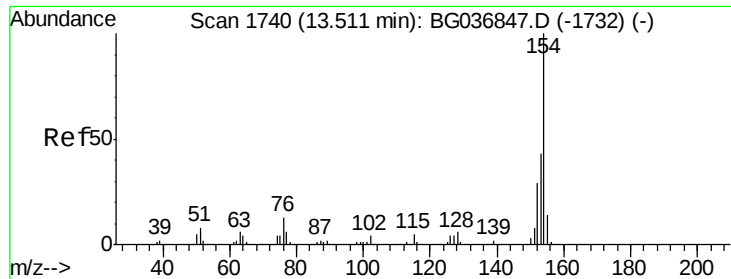
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

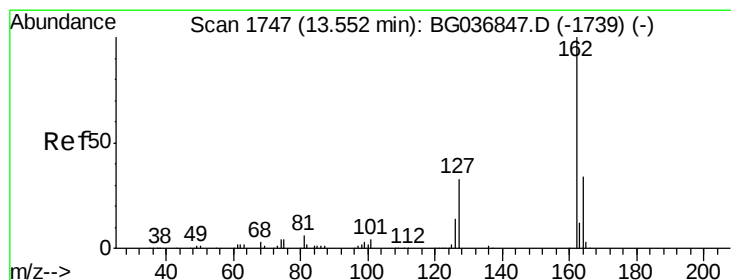
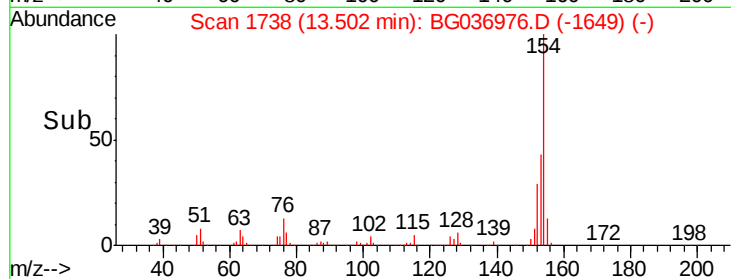
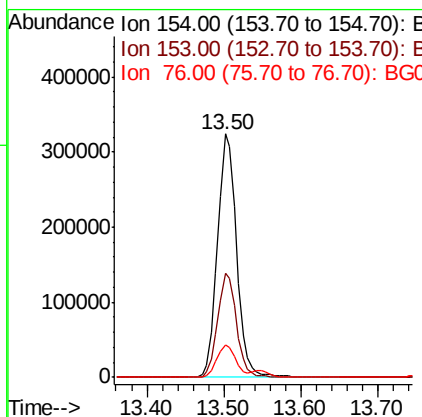
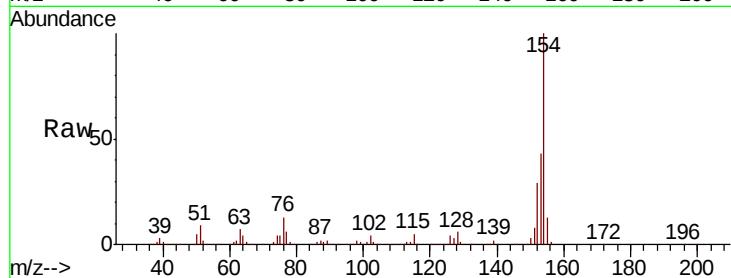




#45
 1,1'-Biphenyl
 Concen: 48.489 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

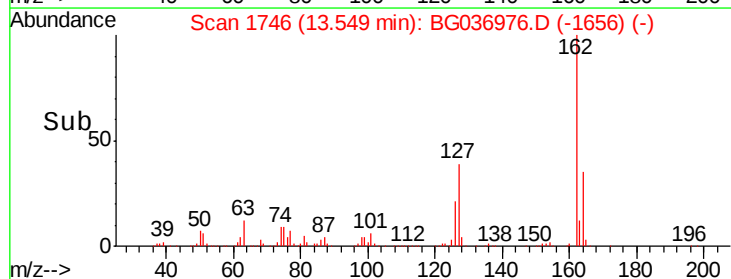
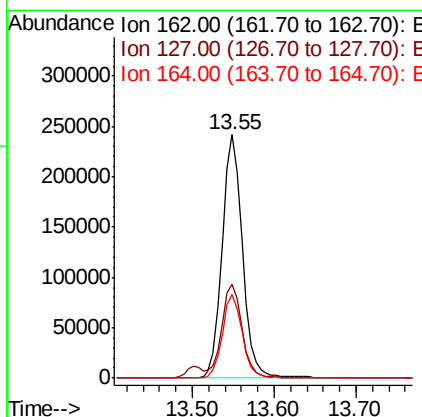
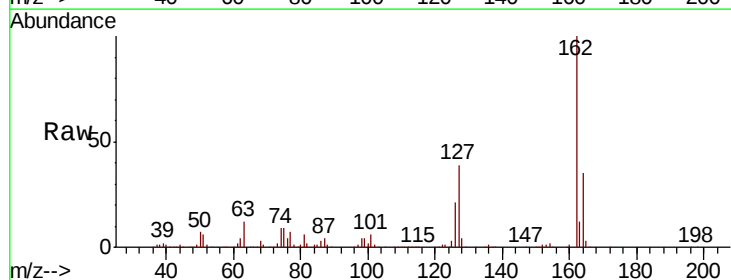
Instrument :
 BNA_F
 ClientSampled :

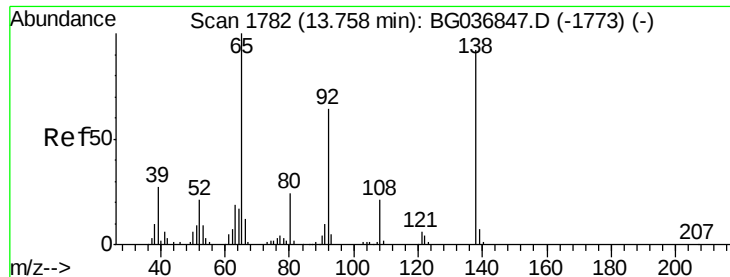
Tot Ion	154	153	76
Resp: 554022			
Ion Ratio	100	42.8	13.2
Lower		24.0	0.0
Upper		64.0	32.9



#46
 2-Chloronaphthalene
 Concen: 46.842 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion	162	127	164
Resp: 420896			
Ion Ratio	100	38.7	34.6
Lower		30.7	26.7
Upper		46.1	40.1





#47

2-Nitroaniline

Concen: 51.519 ng

RT: 13.75 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_F

ClientSampled :

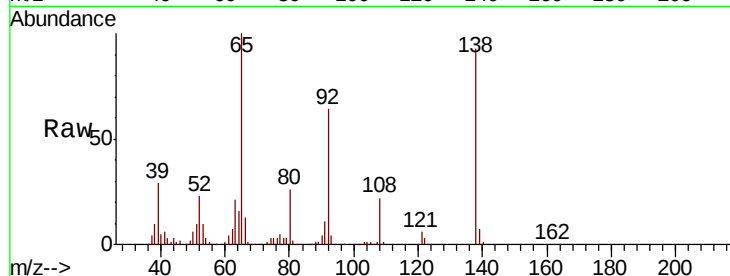
Tot Ion: 65 Resp: 160116

Ion Ratio Lower Upper

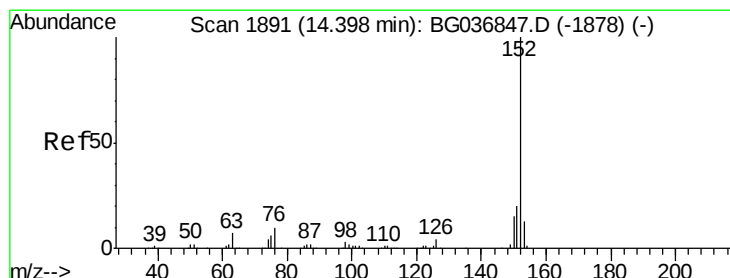
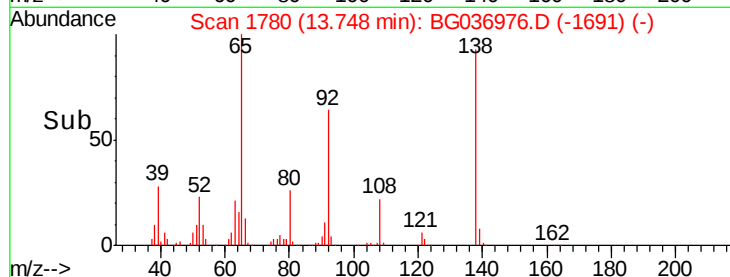
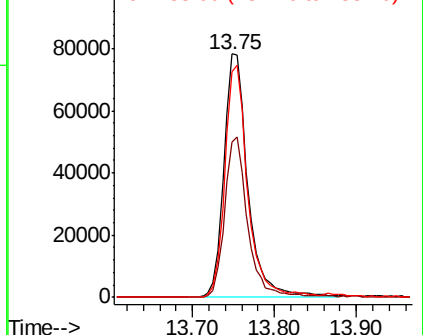
65 100

92 63.7 49.9 74.9

138 92.8 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: 49.749 ng

RT: 14.39 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

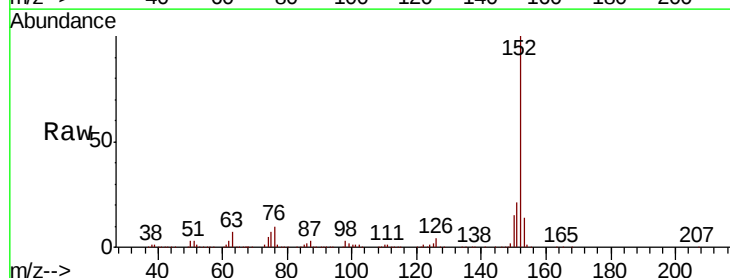
Tgt Ion: 152 Resp: 700478

Ion Ratio Lower Upper

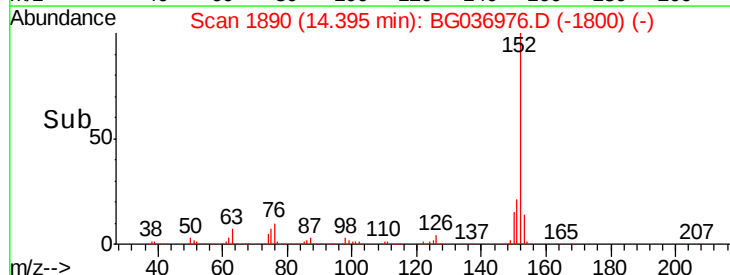
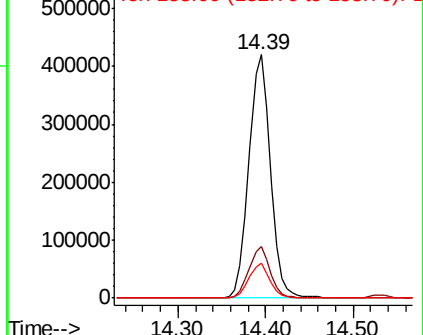
152 100

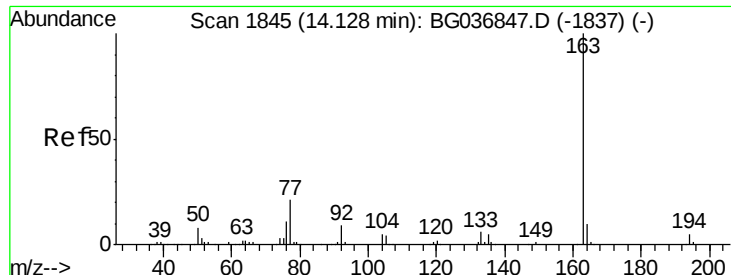
151 21.3 16.9 25.3

153 14.2 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: 46.192 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_F

ClientSampled :

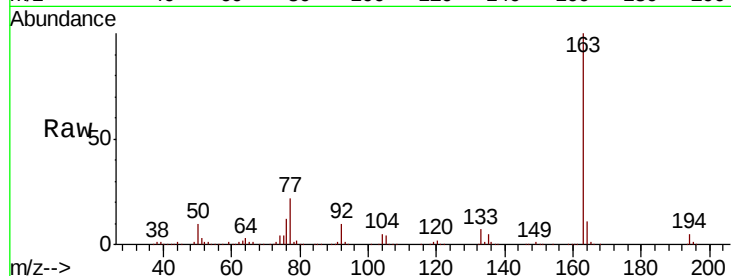
Tot Ion:163 Resp: 554711

Ion Ratio Lower Upper

163 100

194 4.8 4.0 6.0

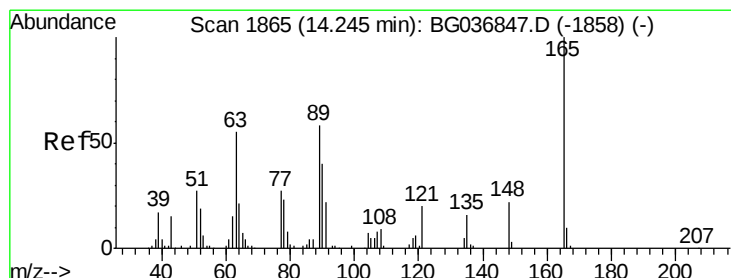
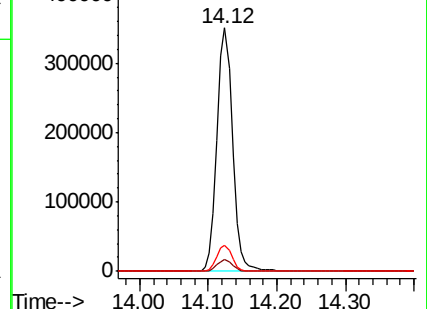
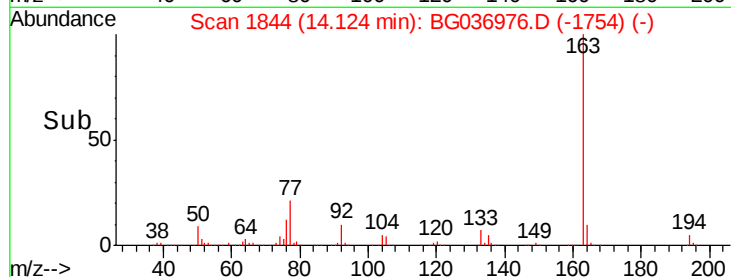
164 10.7 8.1 12.1



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: 47.256 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

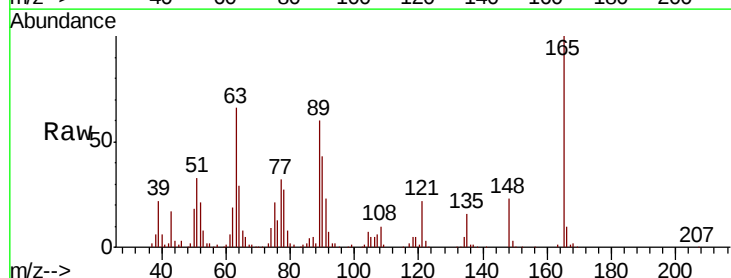
Tgt Ion:165 Resp: 123816

Ion Ratio Lower Upper

165 100

63 66.4 50.1 75.1

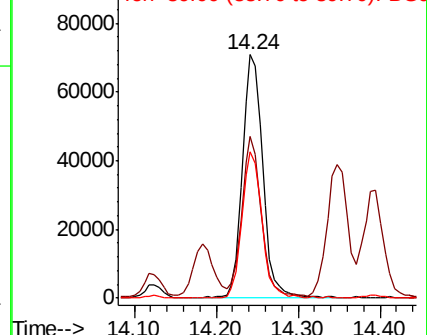
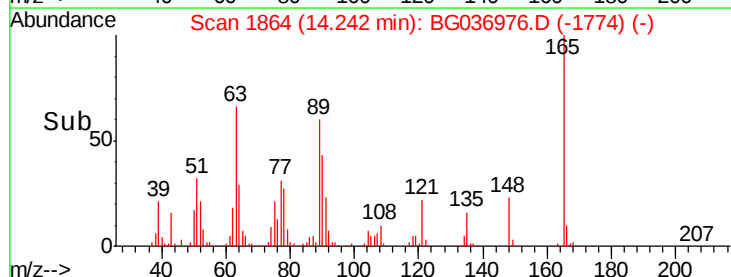
89 60.2 47.8 71.6

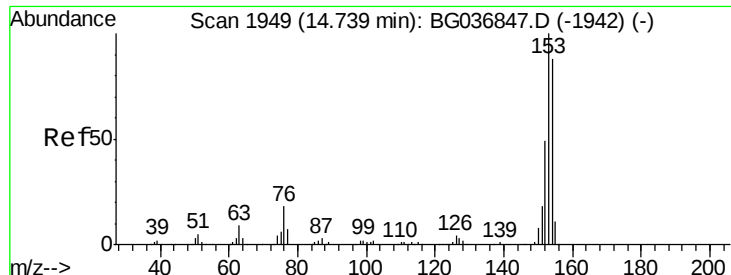


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 47.358 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_F

ClientSampleId :

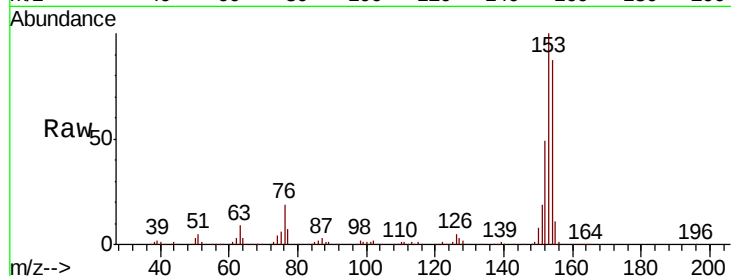
Tot Ion:154 Resp: 403001

Ion Ratio Lower Upper

154 100

153 115.3 91.8 137.6

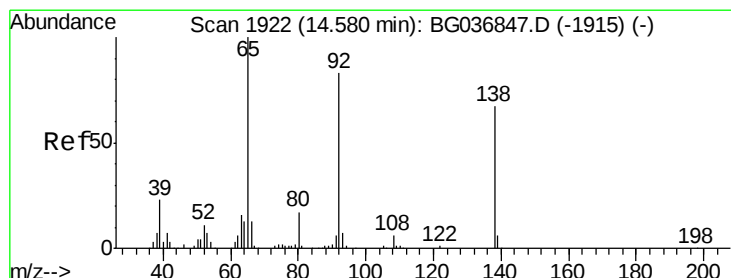
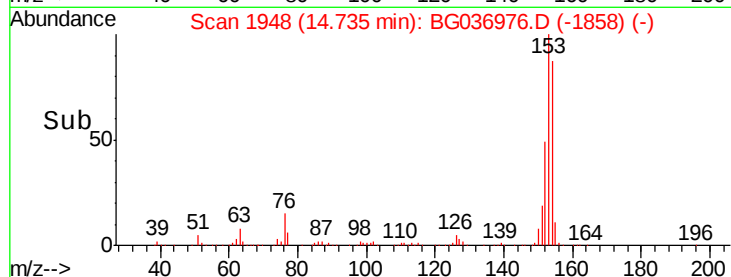
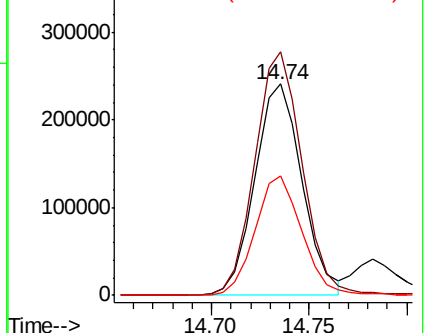
152 56.7 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.096 ng

RT: 14.58 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

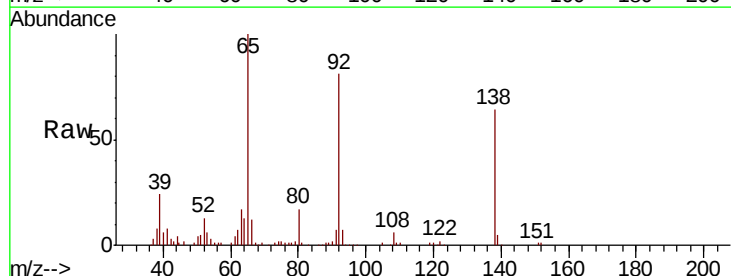
Tgt Ion:138 Resp: 66526

Ion Ratio Lower Upper

138 100

108 8.7 9.4 14.2#

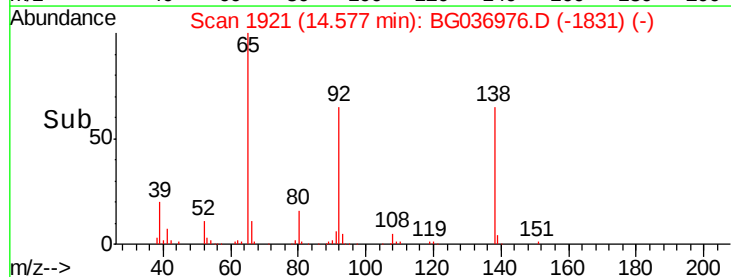
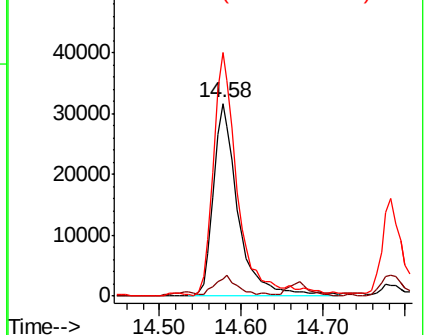
92 126.5 96.8 145.2

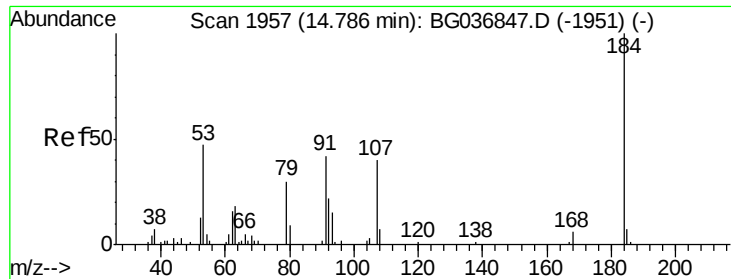


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

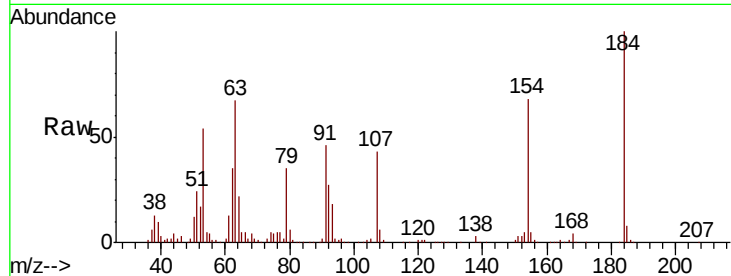




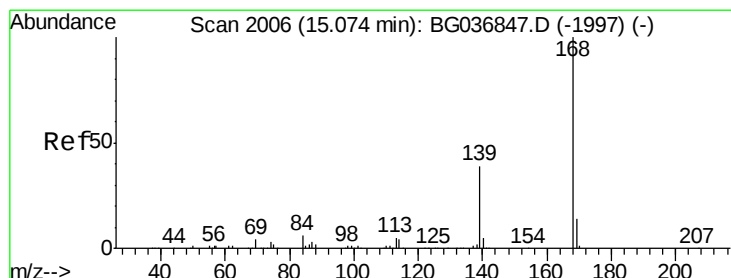
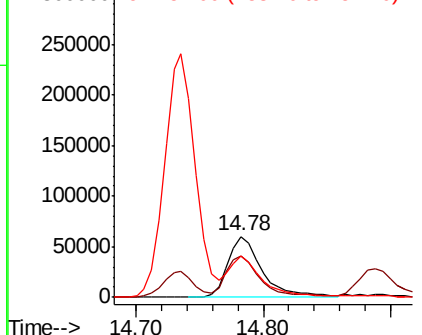
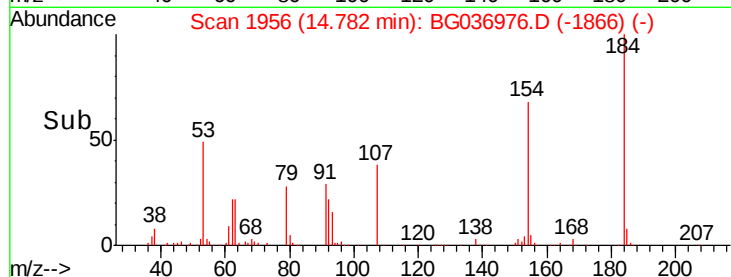
#53
 2,4-Dinitrophenol
 Concen: 90.879 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 113004
 Ion Ratio Lower Upper
 184 100
 63 67.4 47.3 70.9
 154 67.7 51.1 76.7

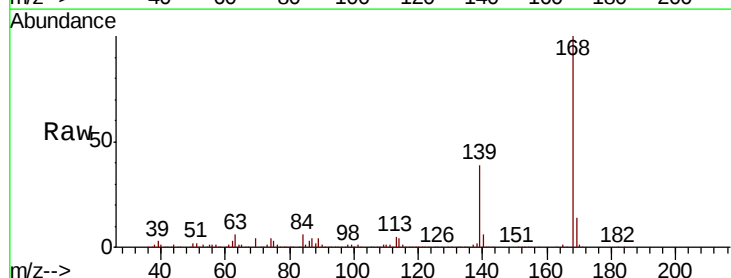


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

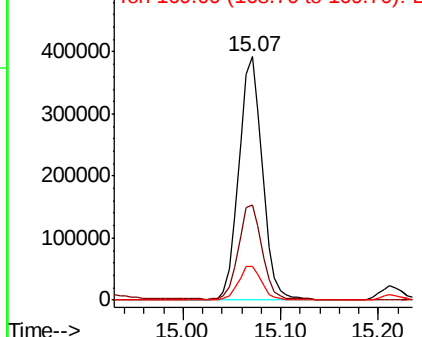
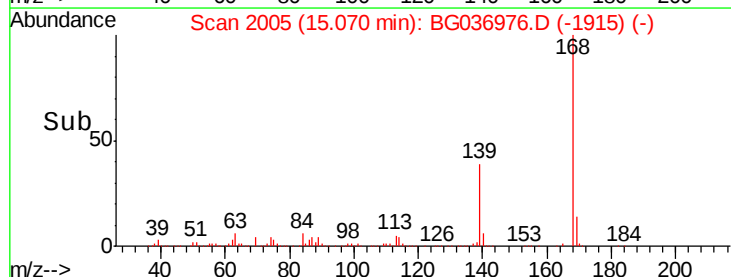


#54
 Dibenzofuran
 Concen: 45.714 ng
 RT: 15.07 min Scan# 2005
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion:168 Resp: 658010
 Ion Ratio Lower Upper
 168 100
 139 39.0 31.0 46.6
 169 13.8 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

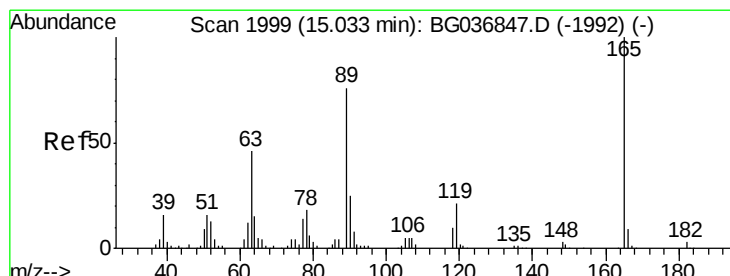
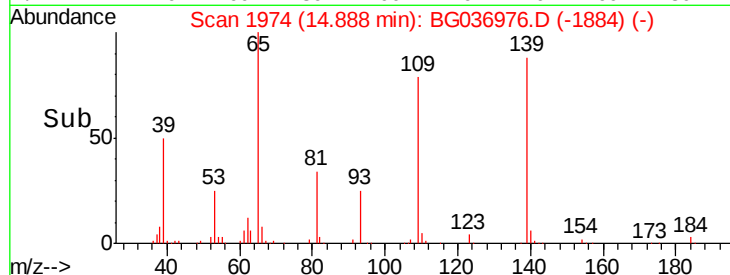
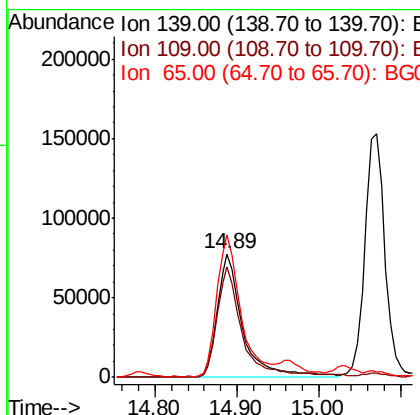
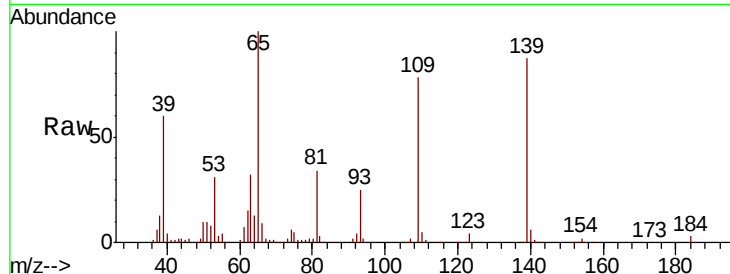




#55
4-Nitrophenol
Concen: 95.505 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

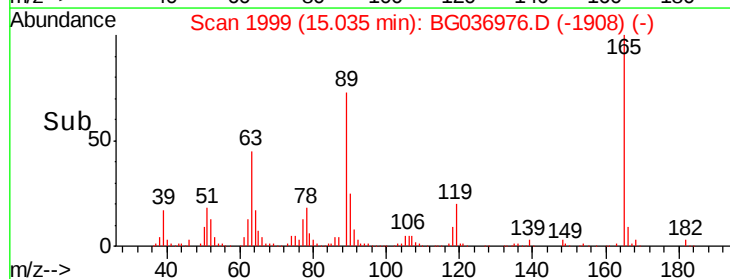
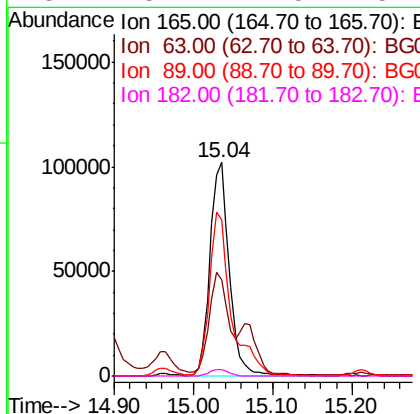
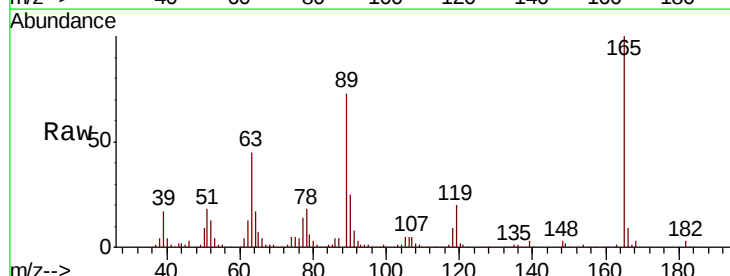
Instrument :
BNA_F
ClientSampleId :

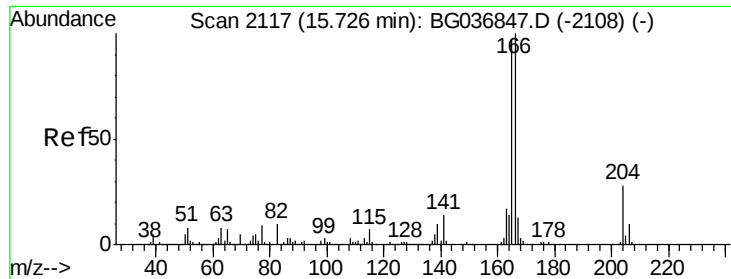
Tot Ion:139 Resp: 168450
Ion Ratio Lower Upper
139 100
109 89.3 63.9 103.9
65 114.6 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 46.858 ng
RT: 15.04 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion:165 Resp: 171314
Ion Ratio Lower Upper
165 100
63 45.1 40.1 60.1
89 73.3 63.7 95.5
182 3.2 2.5 3.7





#57

Fluorene

Concen: 48.431 ng

RT: 15.72 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_F

ClientSampleId :

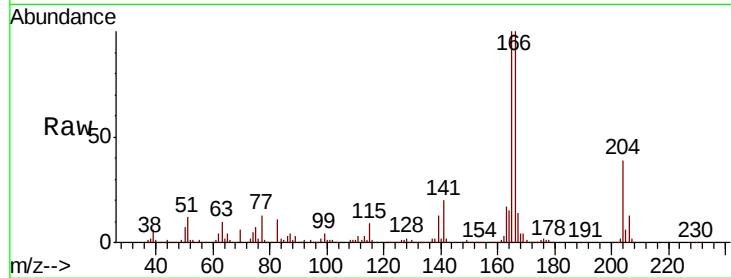
Tot Ion:166 Resp: 521044

Ion Ratio Lower Upper

166 100

165 100.2 77.0 115.4

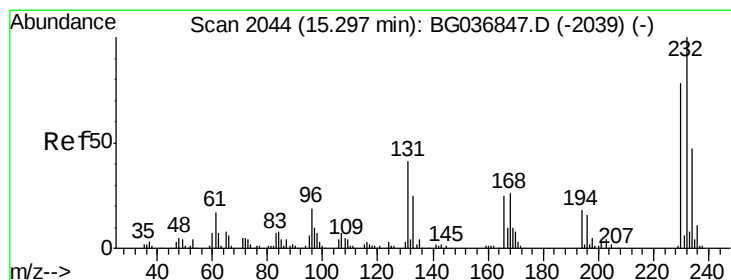
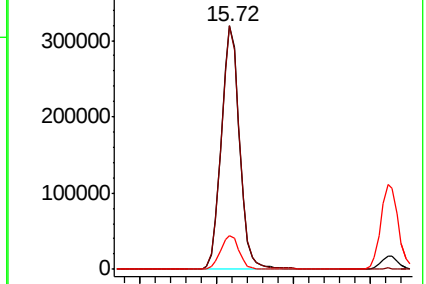
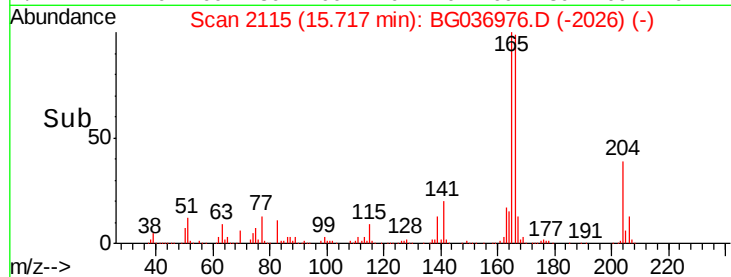
167 14.1 10.6 16.0



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: 52.652 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Tgt Ion:232 Resp: 164569

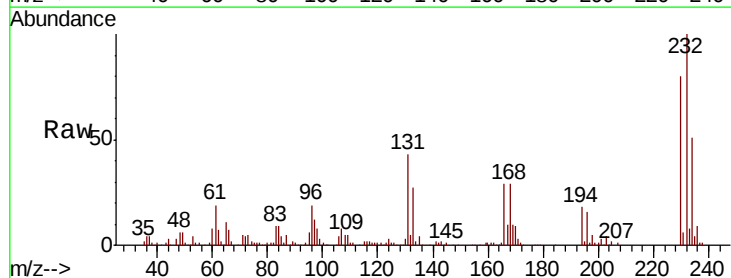
Ion Ratio Lower Upper

232 100

131 39.7 33.8 50.8

130 2.6 2.1 3.1

166 28.6 22.3 33.5

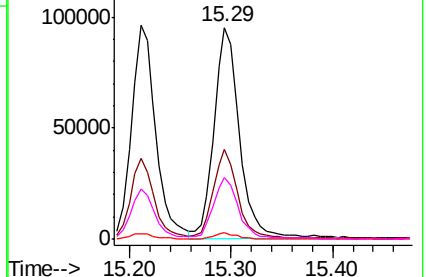
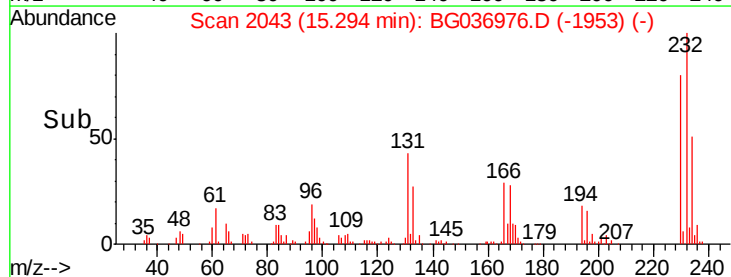


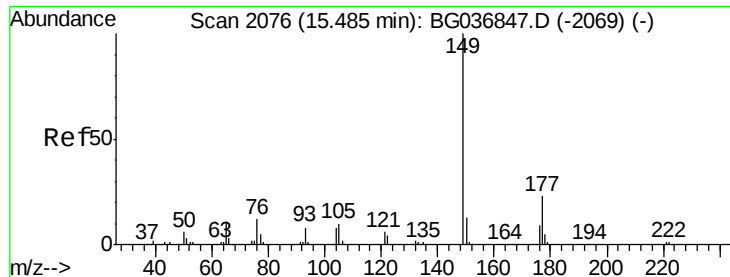
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

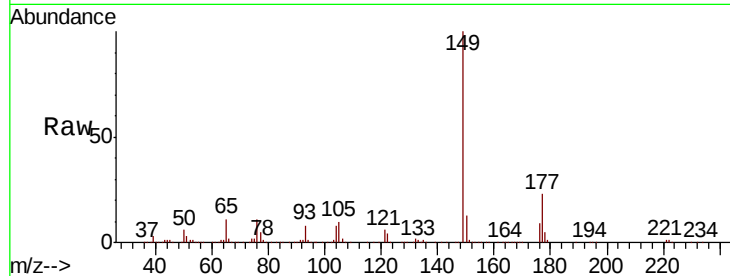




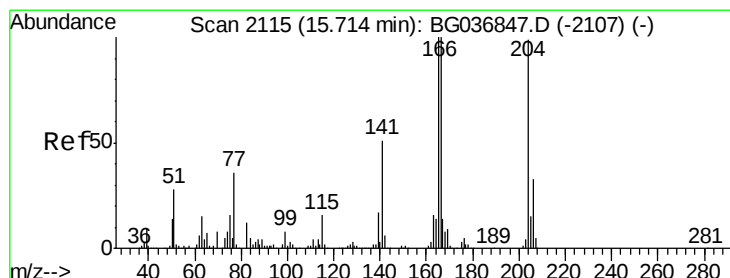
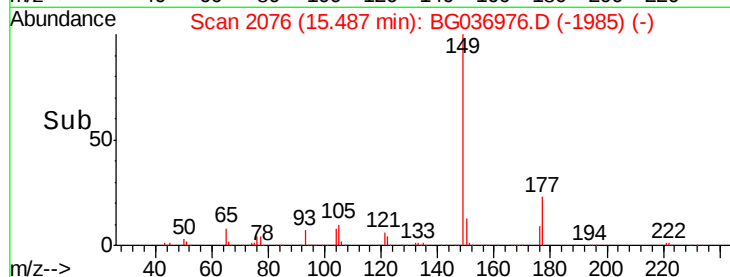
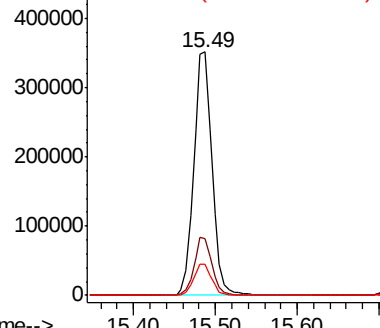
#59
Diethylphthalate
Concen: 44.939 ng
RT: 15.49 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.1	28.7
150	12.8	10.7	16.1

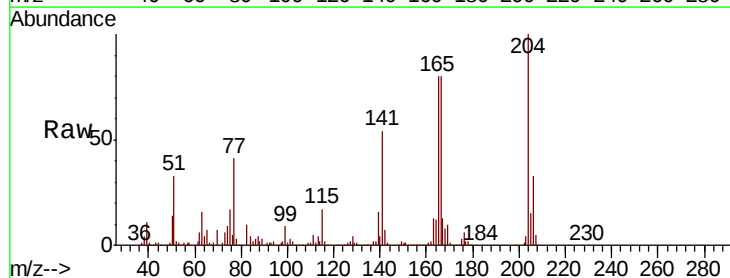


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

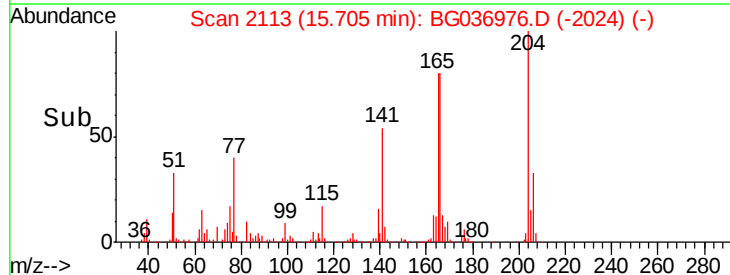
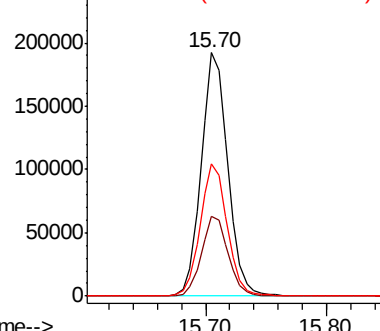


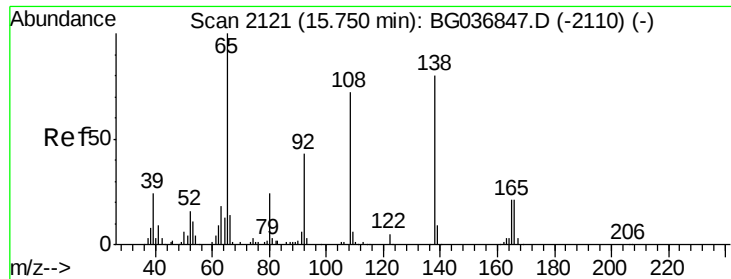
#60
4-Chlorophenyl-phenylether
Concen: 43.160 ng
RT: 15.70 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	27.0	40.4
141	54.4	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

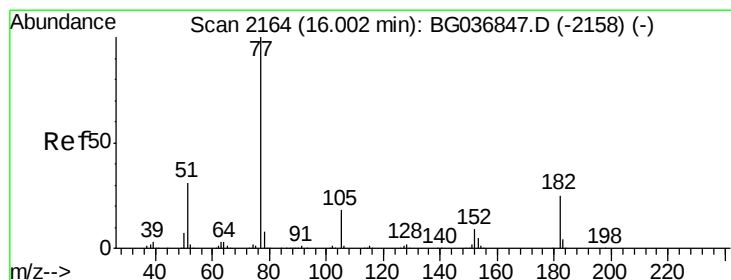
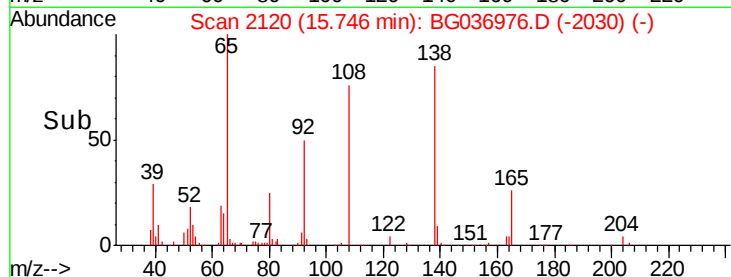
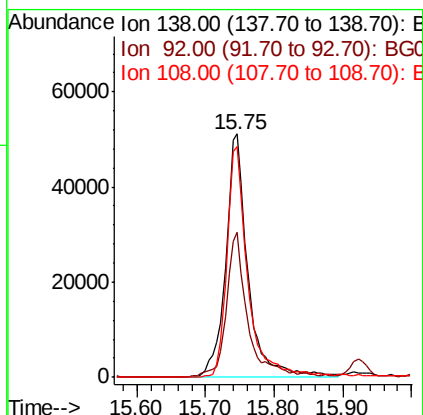
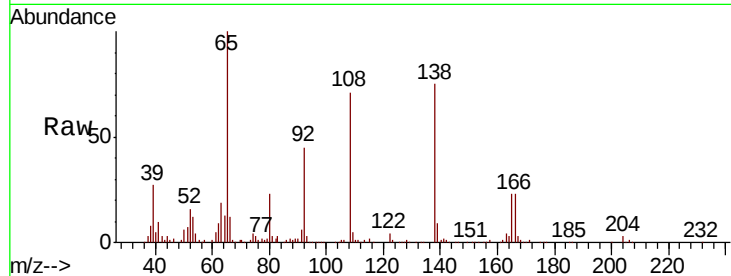




#61
4-Nitroaniline
Concen: 39.956 ng
RT: 15.75 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

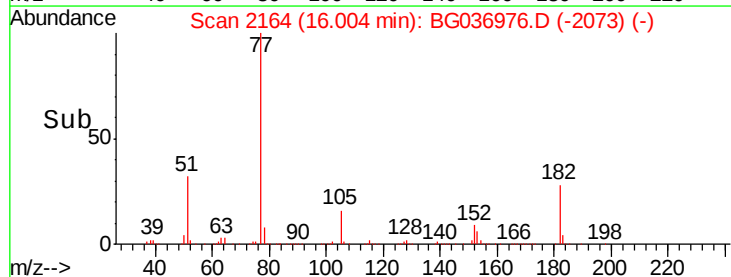
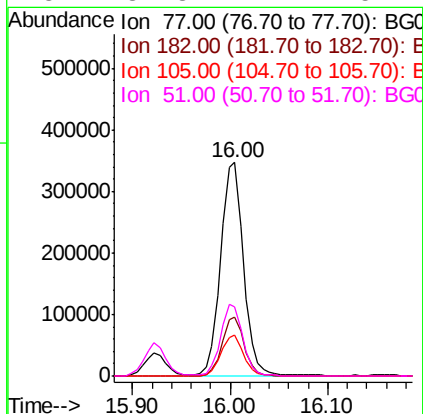
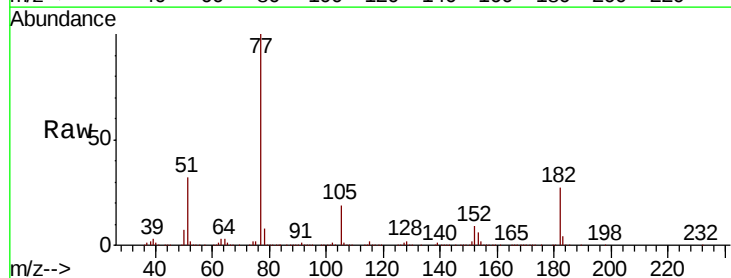
Instrument :
BNA_F
ClientSampleId :

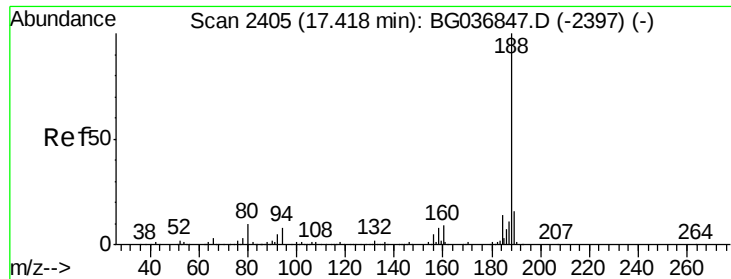
Tot Ion:138 Resp: 116038
Ion Ratio Lower Upper
138 100
92 59.5 38.5 78.5
108 95.0 70.3 110.3



#62
Azobenzene
Concen: 48.202 ng
RT: 16.00 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion: 77 Resp: 560966
Ion Ratio Lower Upper
77 100
182 27.3 6.7 46.7
105 18.9 0.0 39.8
51 32.3 12.4 52.4

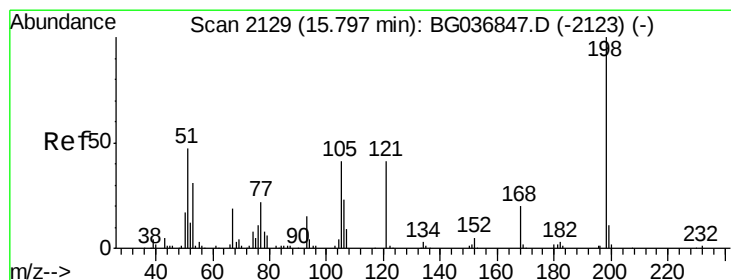
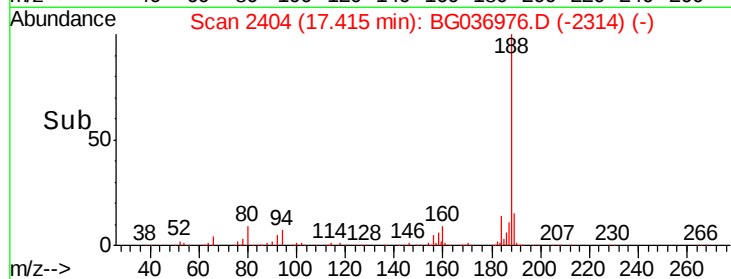
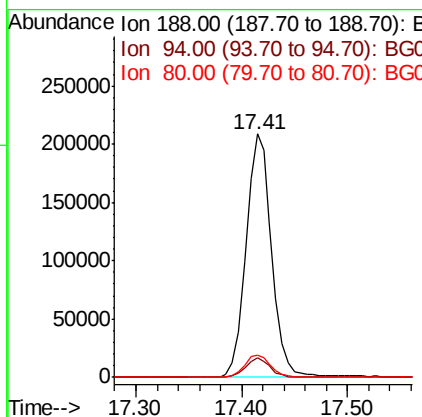
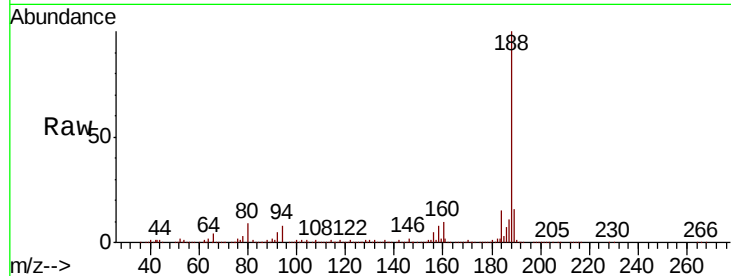




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

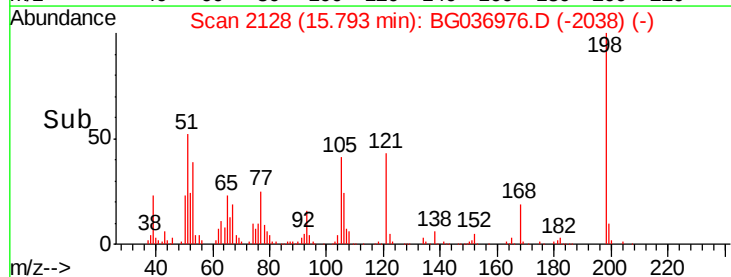
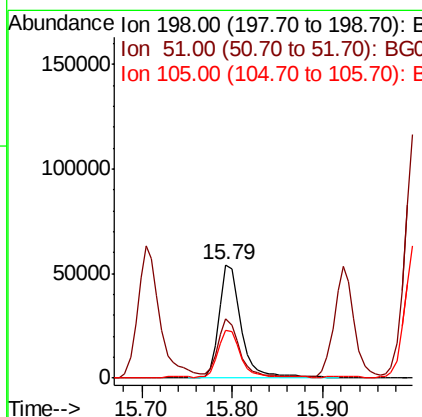
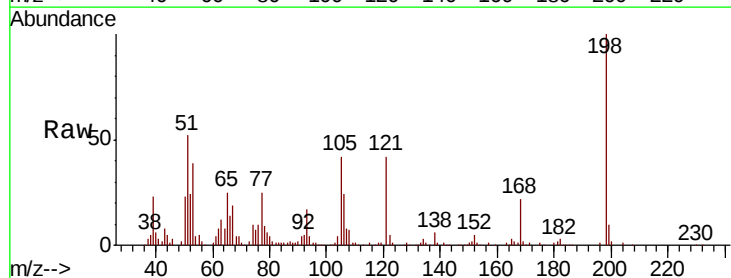
Instrument :
 BNA_F
 ClientSampled :

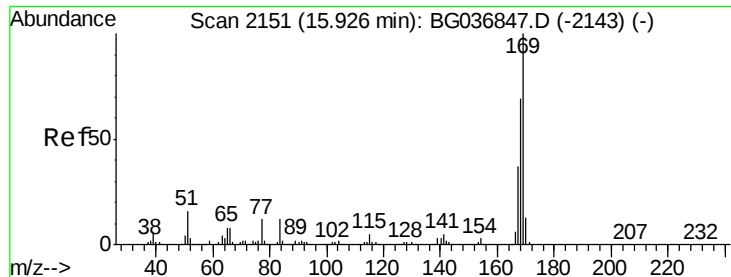
Tot Ion:188 Resp: 348723
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.7 10.1
 80 9.3 8.1 12.1



#64
 4,6-Dinitro-2-methylphenol
 Concen: 50.289 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion:198 Resp: 91685
 Ion Ratio Lower Upper
 198 100
 51 52.3 26.5 66.5
 105 41.8 20.2 60.2

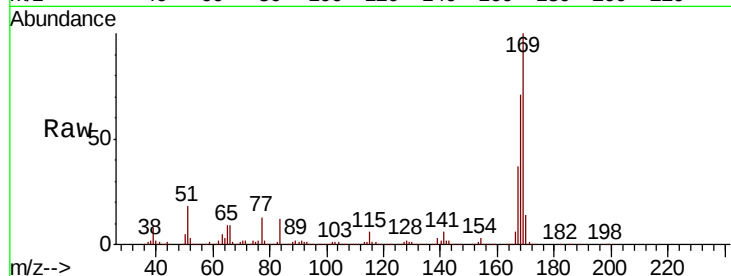




#65
 n-Nitrosodiphenylamine
 Concen: 48.984 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.7	57.6	86.4
167	37.4	31.0	46.4

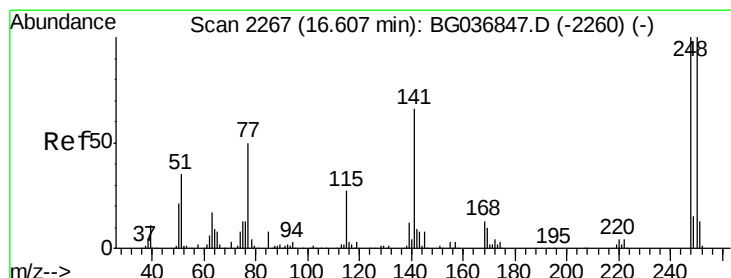
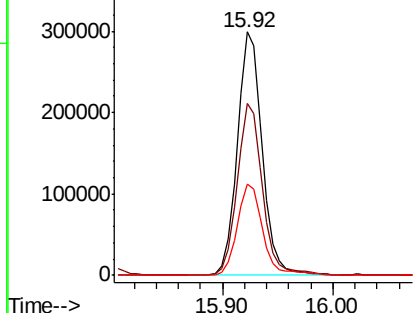
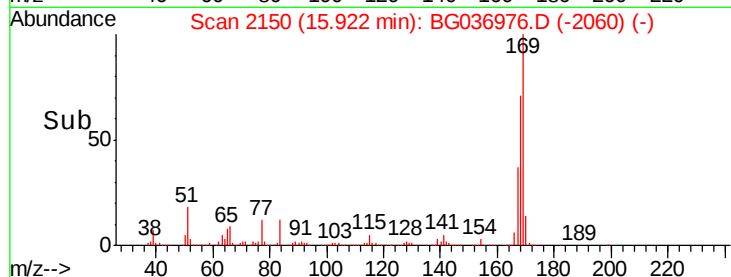


Abundance

Ion 169.00 (168.70 to 169.70): E

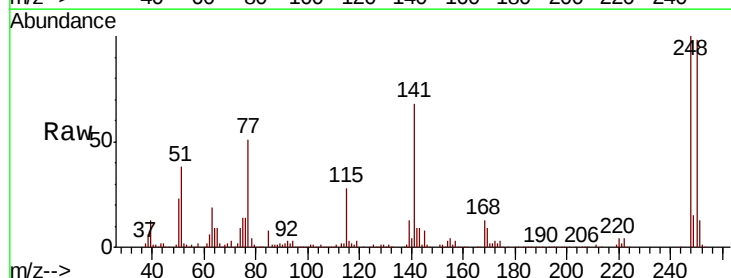
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 47.422 ng
 RT: 16.60 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.1	117.1
141	67.5	53.7	80.5

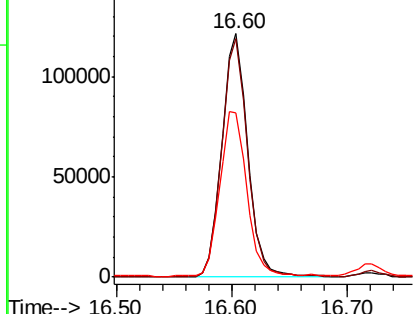
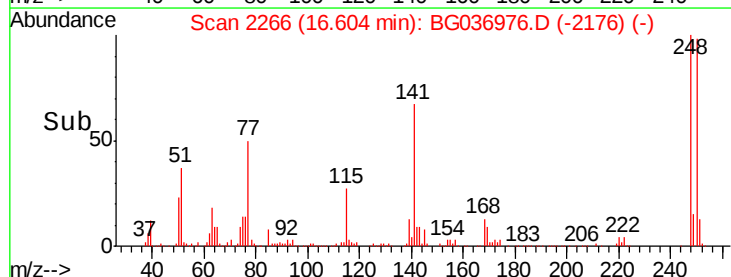


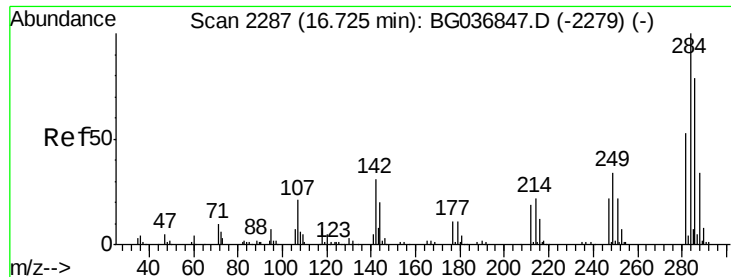
Abundance

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: 45.824 ng

RT: 16.72 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_F

ClientSampleId :

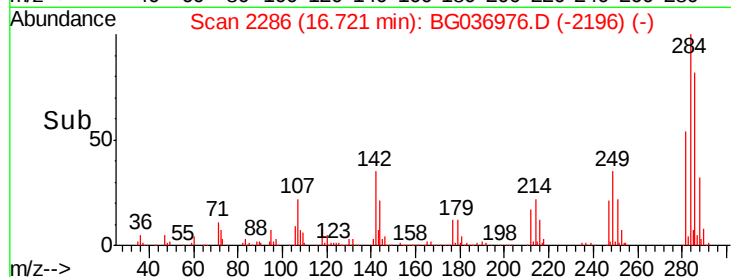
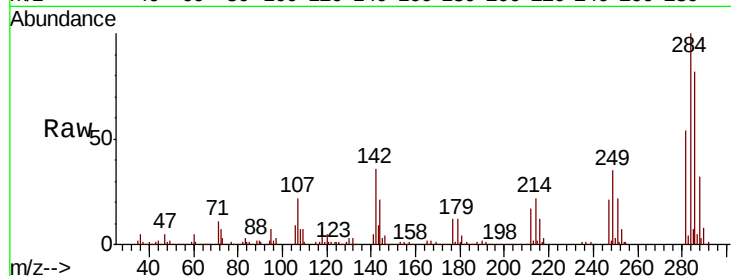
Tot Ion:284 Resp: 187201

Ion Ratio Lower Upper

284 100

142 35.8 27.8 41.6

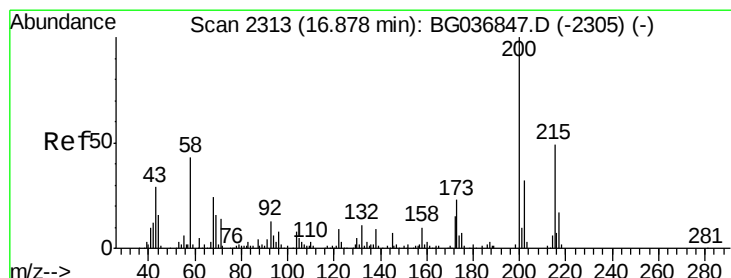
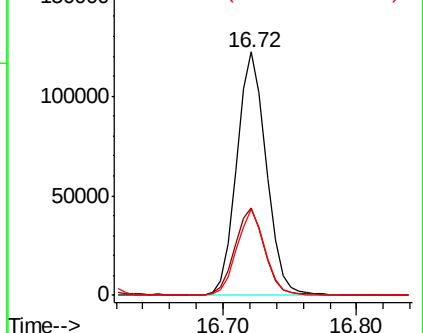
249 35.3 27.4 41.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 50.462 ng

RT: 16.87 min Scan# 2312

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

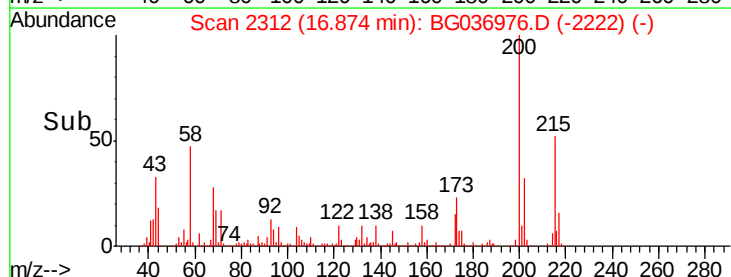
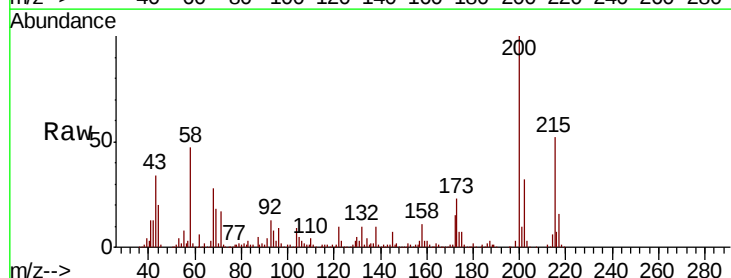
Tgt Ion:200 Resp: 196707

Ion Ratio Lower Upper

200 100

173 23.1 3.9 43.9

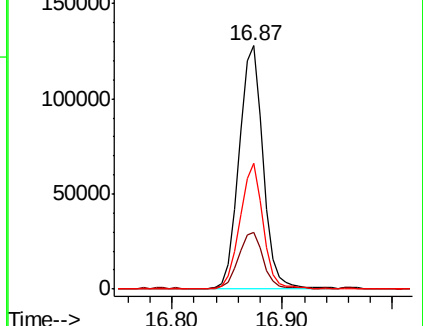
215 51.9 30.4 70.4

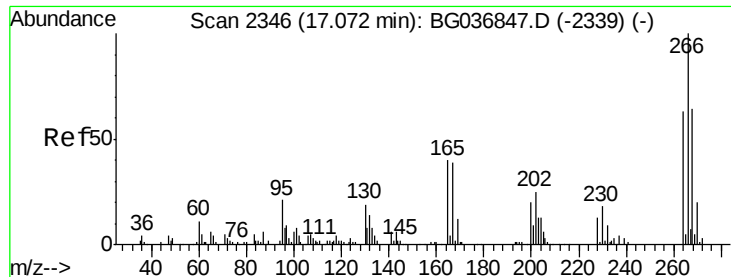


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

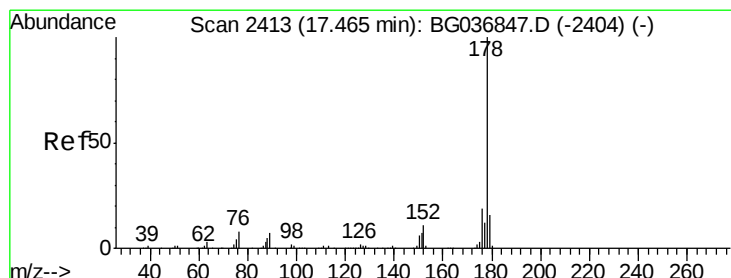
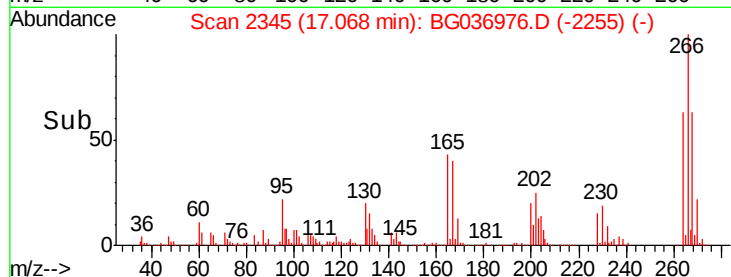
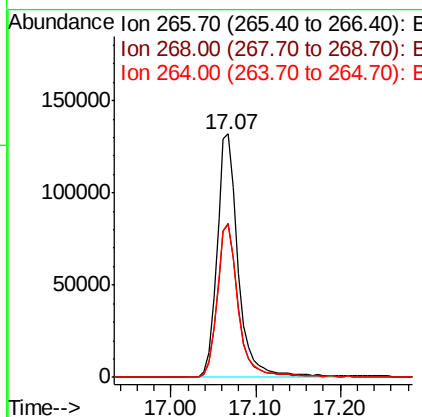
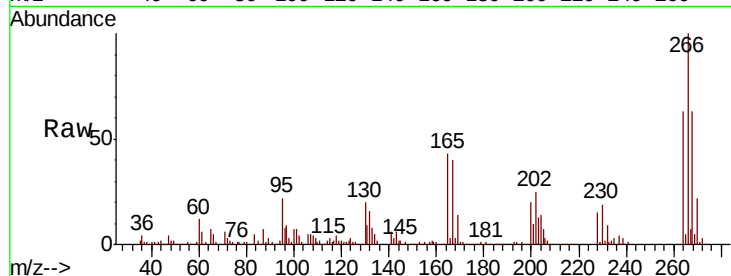




#69
 Pentachlorophenol
 Concen: 90.063 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

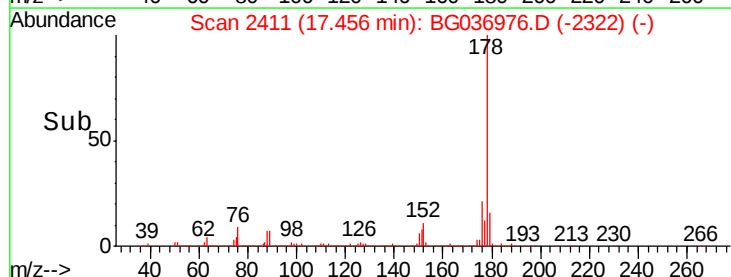
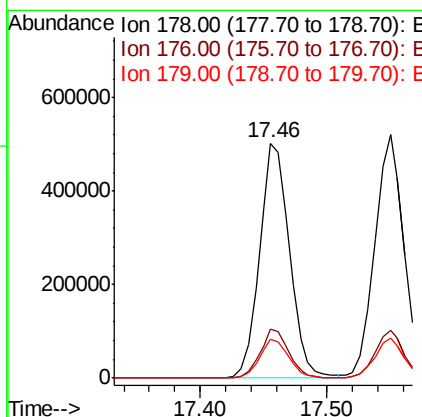
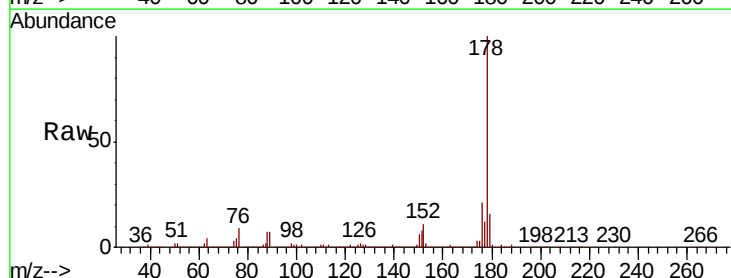
Instrument :
 BNA_F
 ClientSampleId :

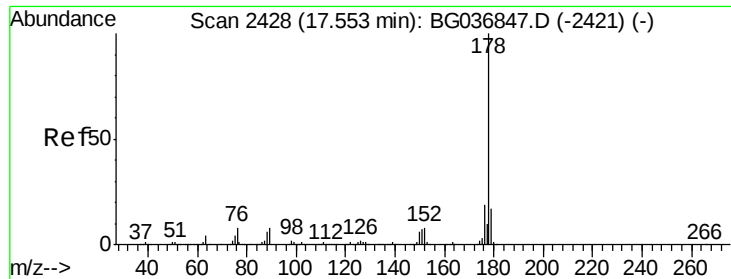
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.4	77.2
264	62.7	48.9	73.3



#70
 Phenanthrene
 Concen: 49.245 ng
 RT: 17.46 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.4	23.2
179	16.3	13.4	20.2

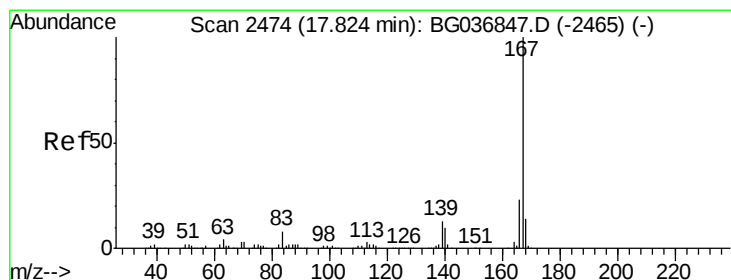
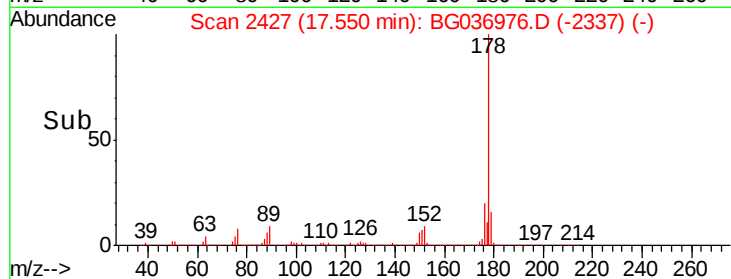
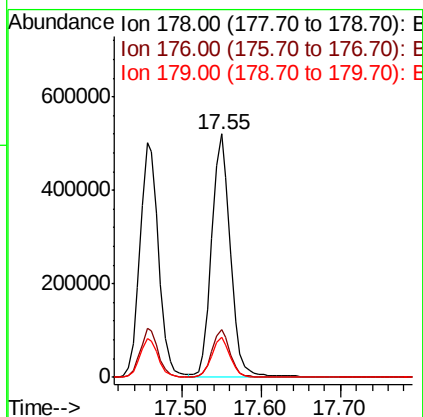
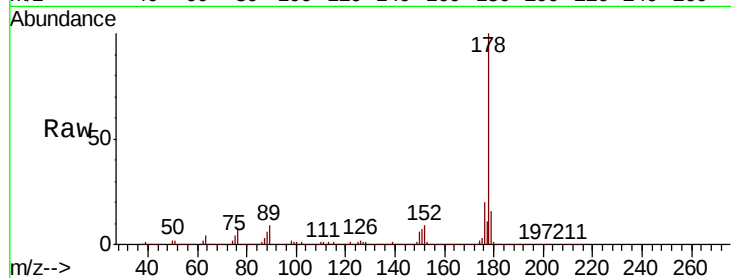




#71
 Anthracene
 Concen: 51.281 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

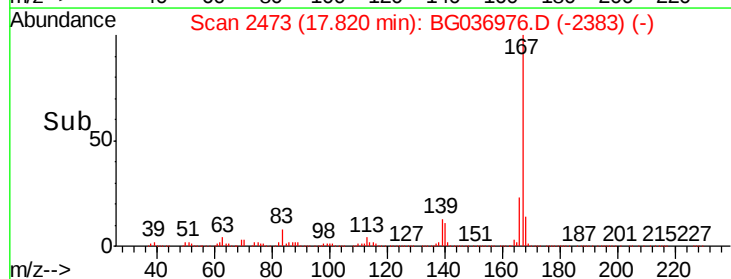
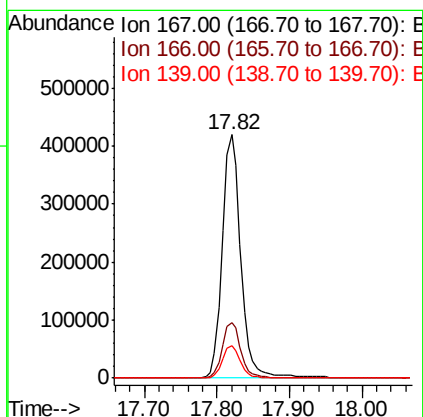
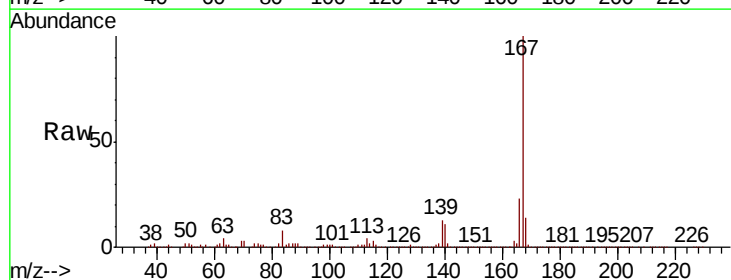
Instrument :
 BNA_F
 ClientSampleId :

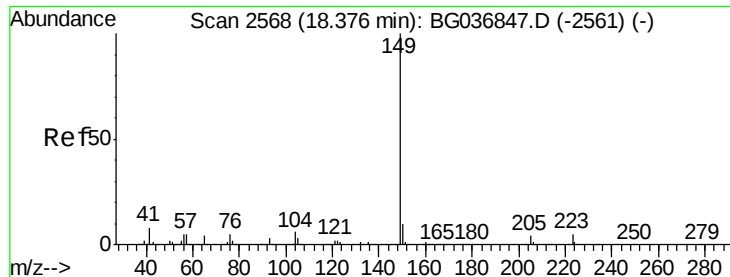
Tot Ion:178 Resp: 852116
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 16.4 13.0 19.4



#72
 Carbazole
 Concen: 45.932 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion:167 Resp: 744167
 Ion Ratio Lower Upper
 167 100
 166 23.0 19.5 29.3
 139 13.4 10.7 16.1

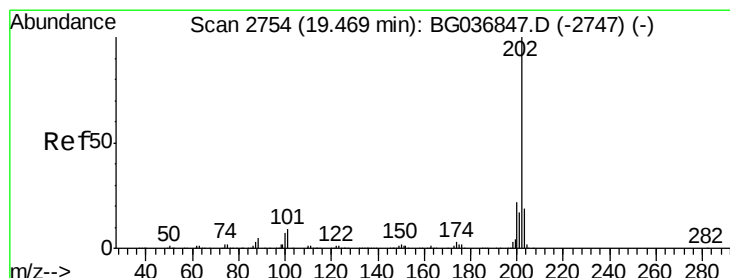
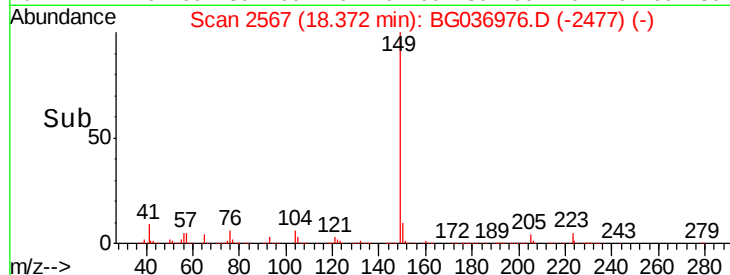
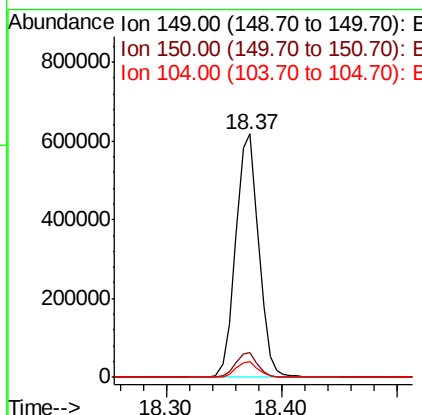
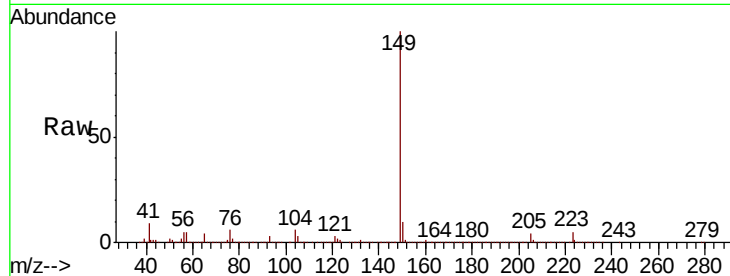




#73
Di-n-butylphthalate
Concen: 47.308 ng
RT: 18.37 min Scan# 2567
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

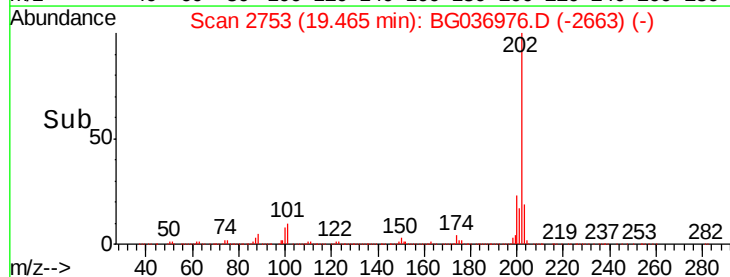
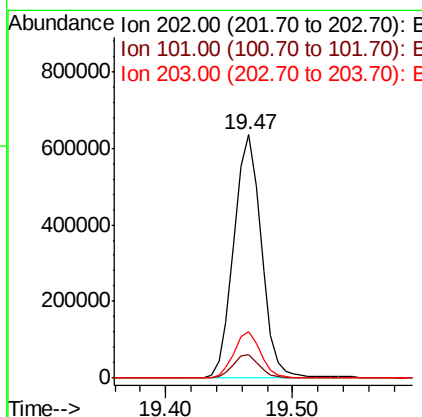
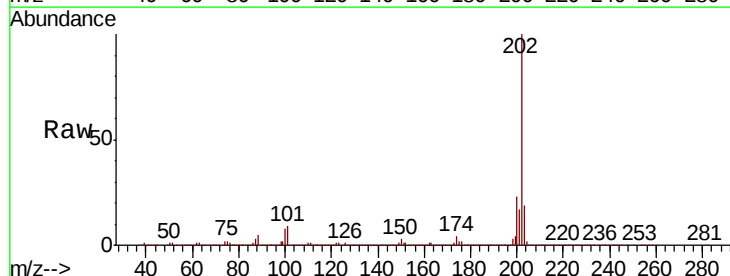
Instrument :
BNA_F
ClientSampleId :

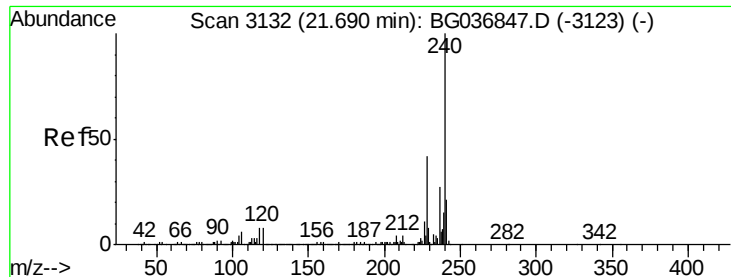
Tot Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	6.4	4.6	6.8



#74
Fluoranthene
Concen: 47.034 ng
RT: 19.47 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.4
203	19.4	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_F

ClientSampleId :

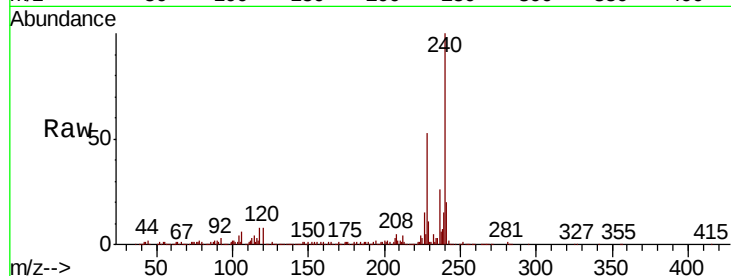
Tot Ion:240 Resp: 345053

Ion Ratio Lower Upper

240 100

120 7.7 6.9 10.3

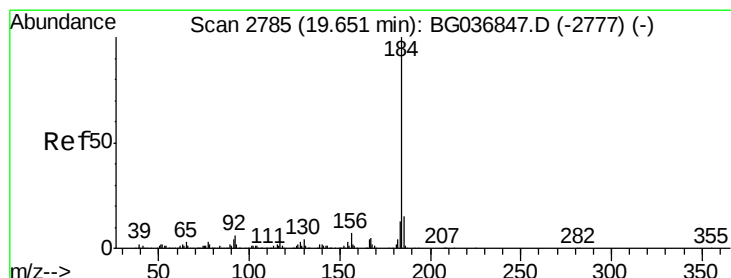
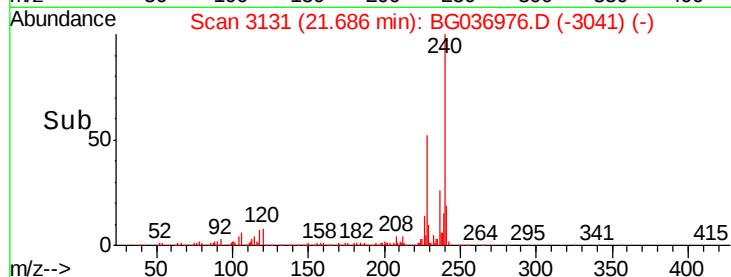
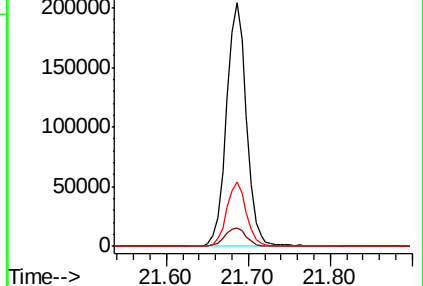
236 26.4 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 15.358 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

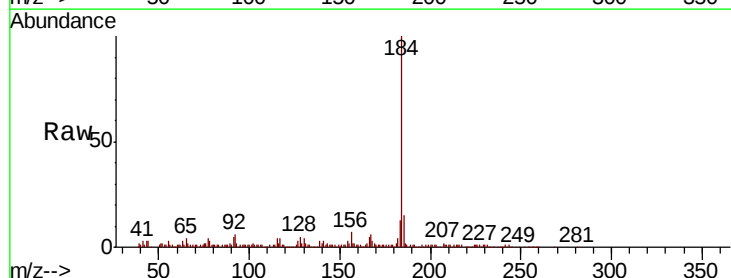
Tgt Ion:184 Resp: 160200

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

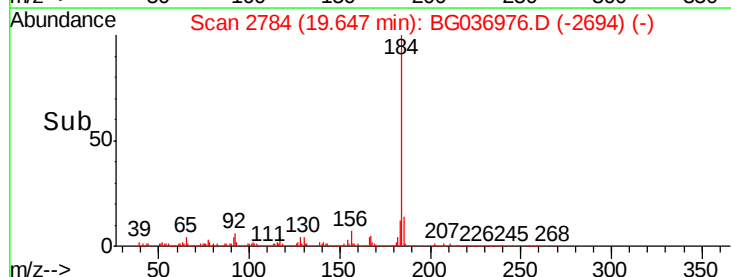
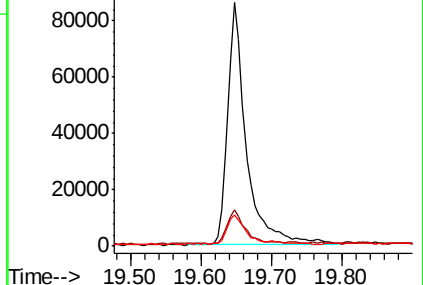
183 12.9 10.9 16.3

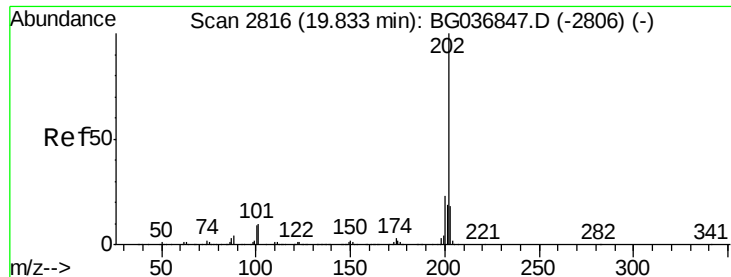


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

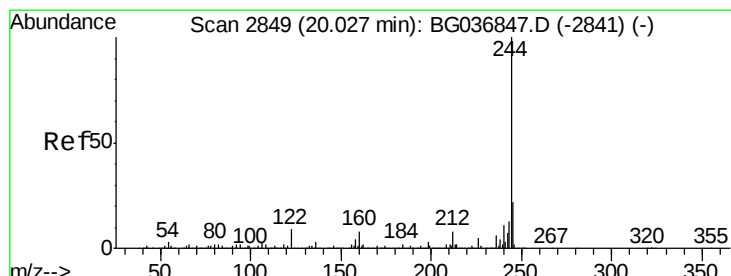
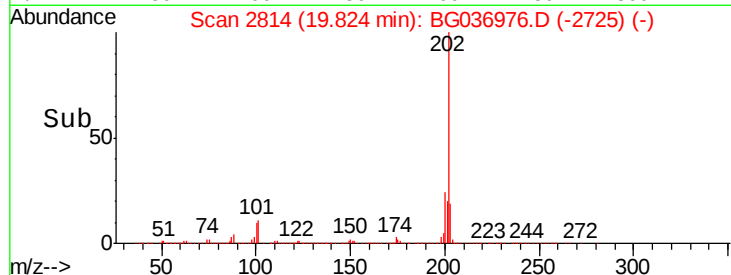
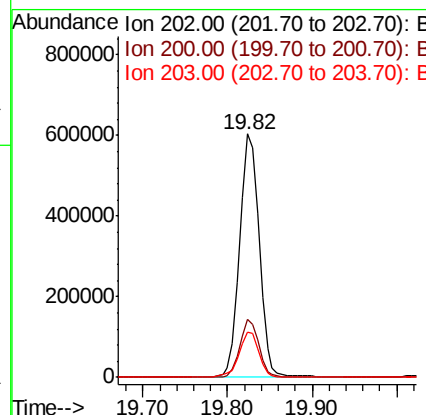
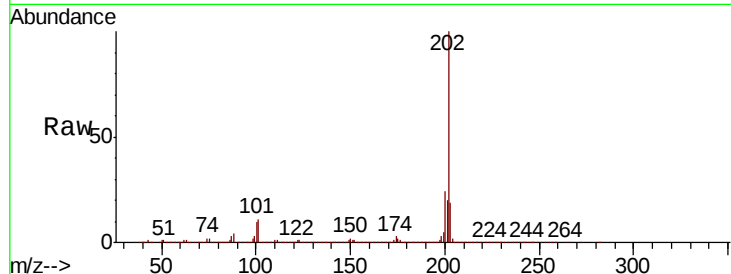




#77
Pvrene
Concen: 46.085 ng
RT: 19.82 min Scan# 2814
Delta R.T. -0.01 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

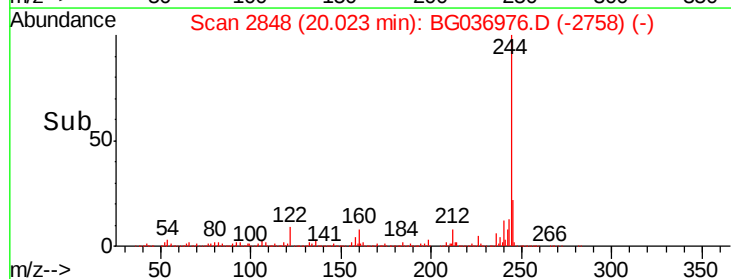
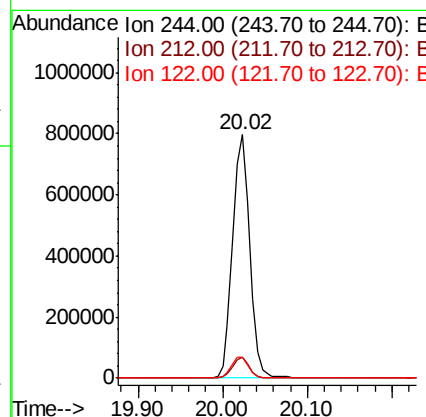
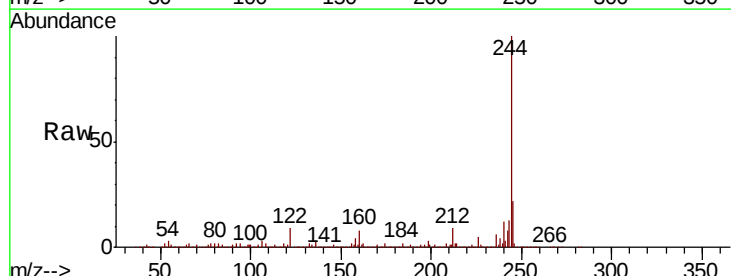
Instrument :
BNA_F
ClientSampleId :

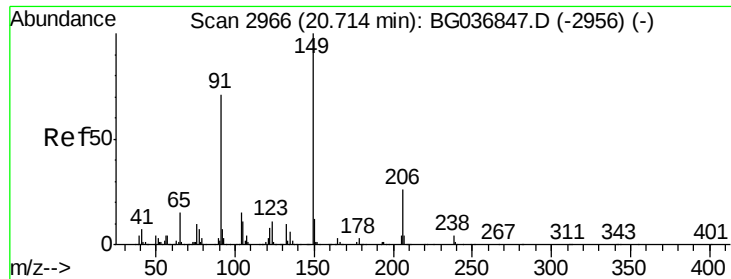
Tot Ion	Ratio	Lower	Upper
202	100		
200	23.7	18.3	27.5
203	18.7	15.1	22.7



#78
Terphenyl-d14
Concen: 84.617 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	8.8	7.1	10.7

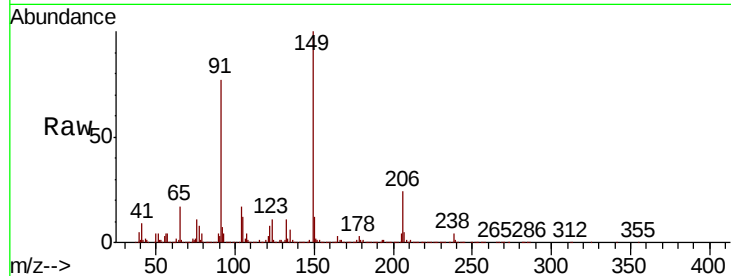




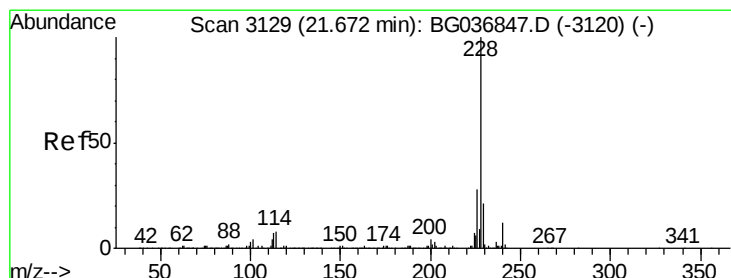
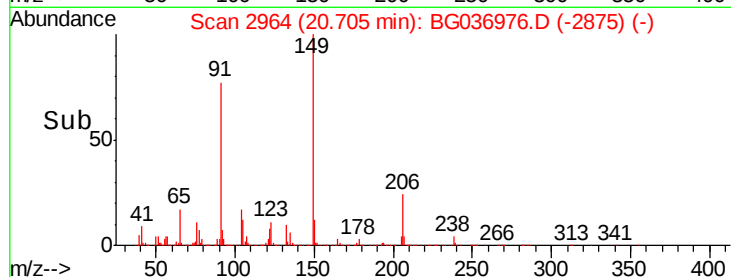
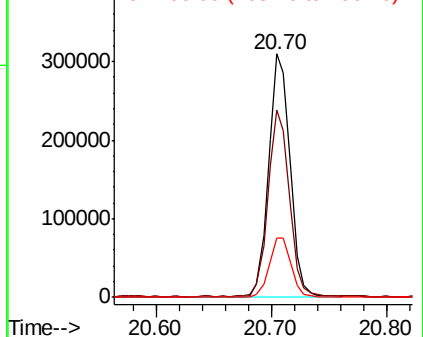
#79
Butylbenzylphthalate
Concen: 48.592 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.9	62.0	93.0
206	24.2	19.6	29.4

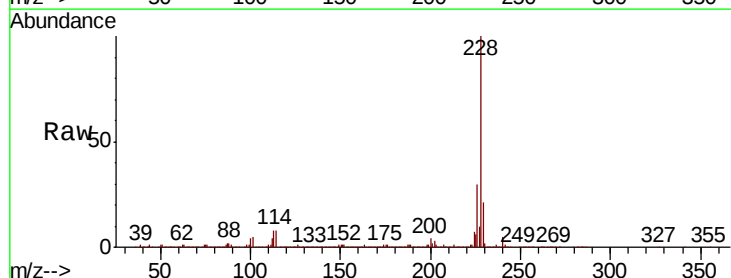


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

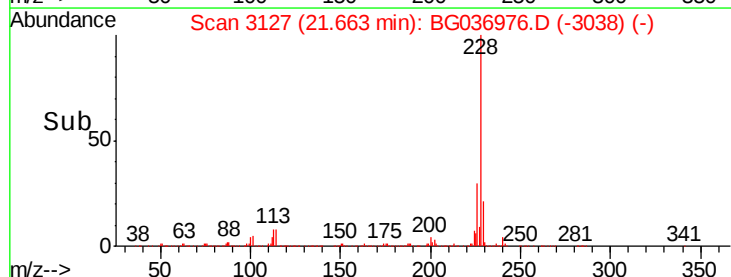
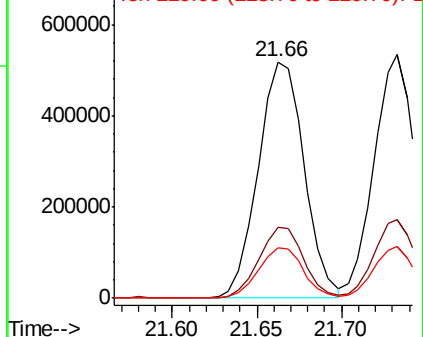


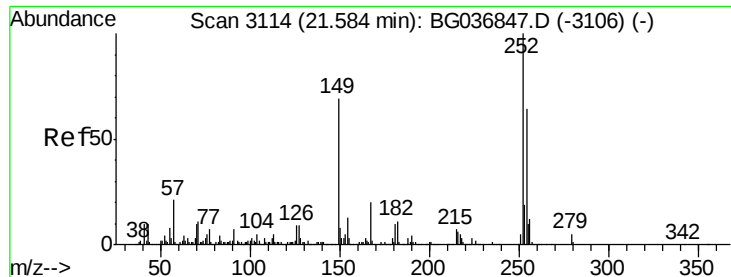
#80
Benzo(a)anthracene
Concen: 48.555 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	21.4	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

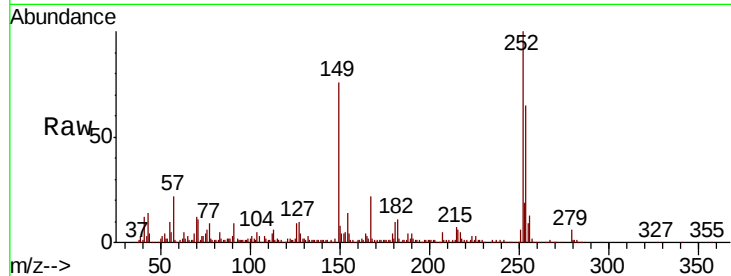




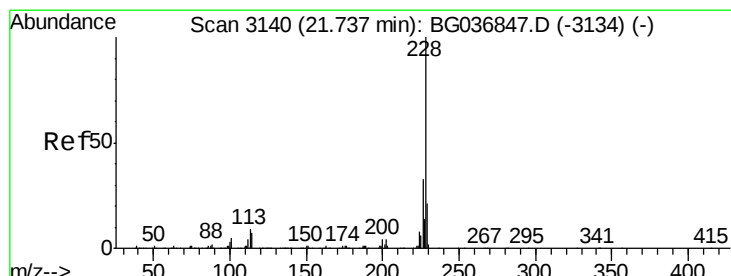
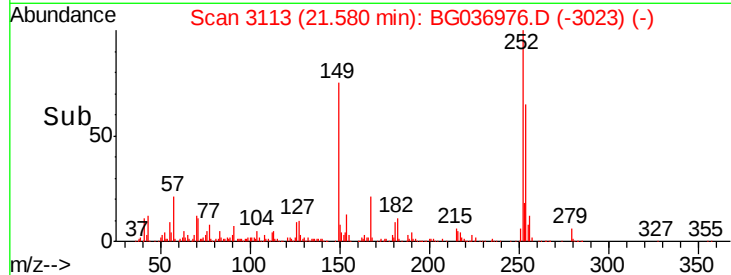
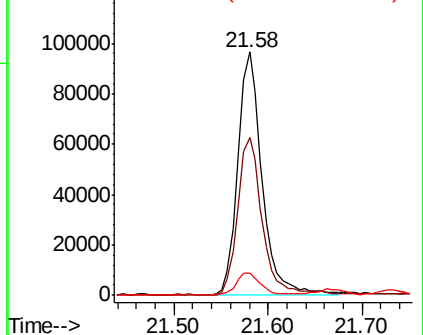
#81
 3,3'-Dichlorobenzidine
 Concen: 22.494 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 172459
 Ion Ratio Lower Upper
 252 100
 254 64.9 51.0 76.4
 126 9.2 7.4 11.0

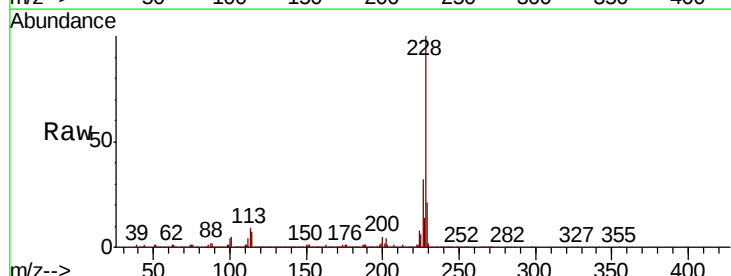


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

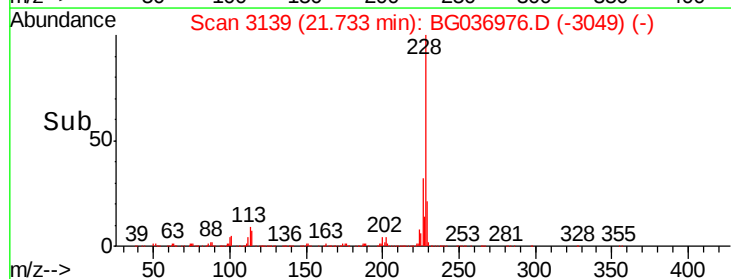
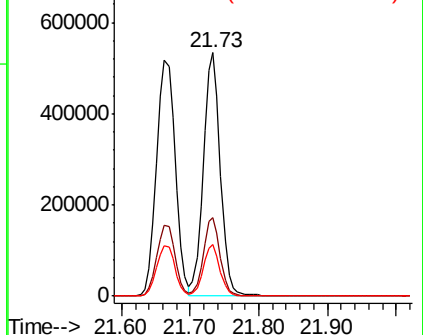


#82
 Chrysene
 Concen: 47.535 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion:228 Resp: 925097
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.5 38.3
 229 21.2 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

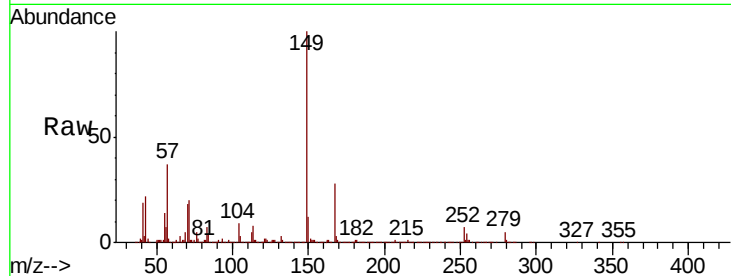




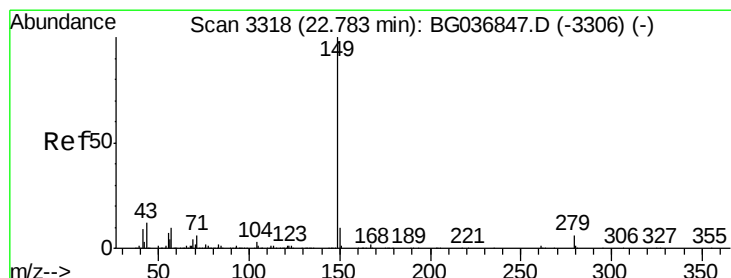
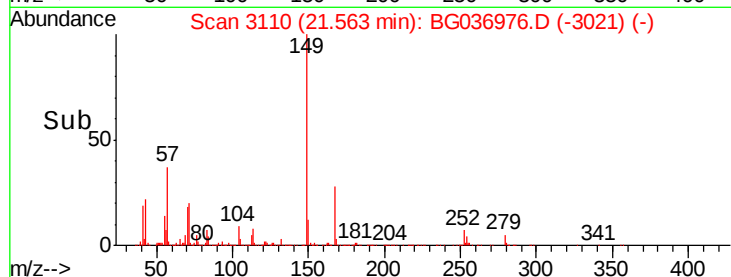
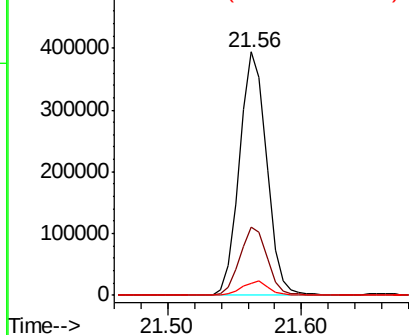
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.068 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.4	35.0
279	5.1	4.6	7.0

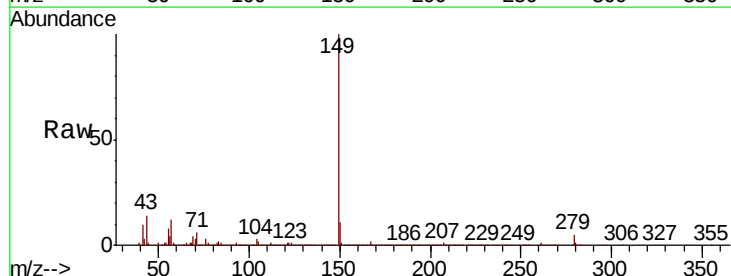


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

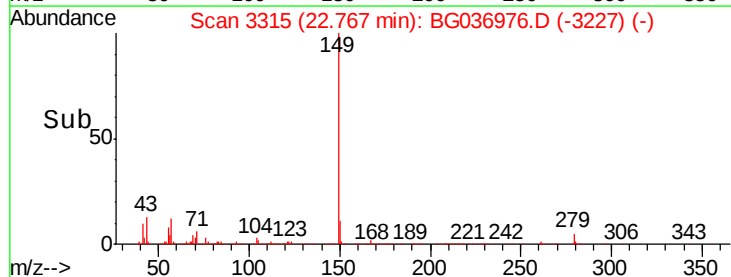
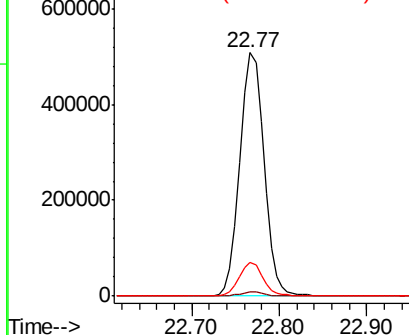


#84
 Di-n-octyl phthalate
 Concen: 49.874 ng
 RT: 22.77 min Scan# 3315
 Delta R.T. -0.02 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.1	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

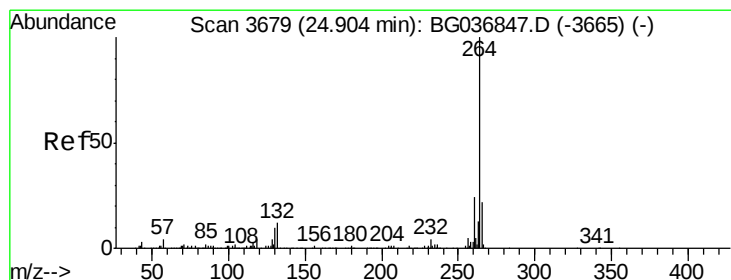
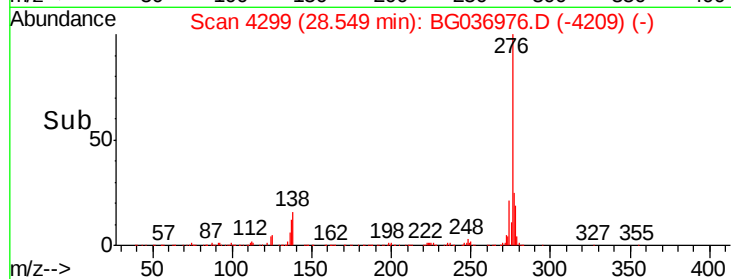
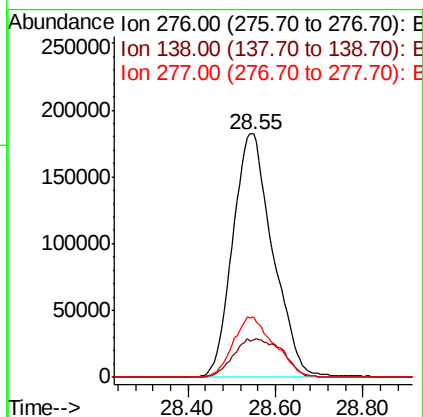
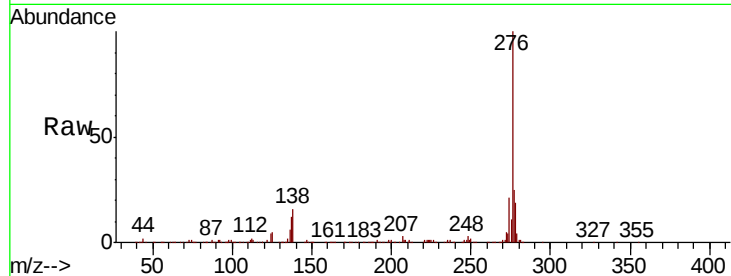




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.143 ng
 RT: 28.55 min Scan# 4299
 Delta R.T. -0.00 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

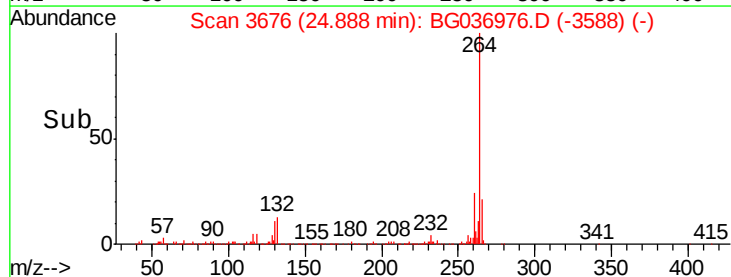
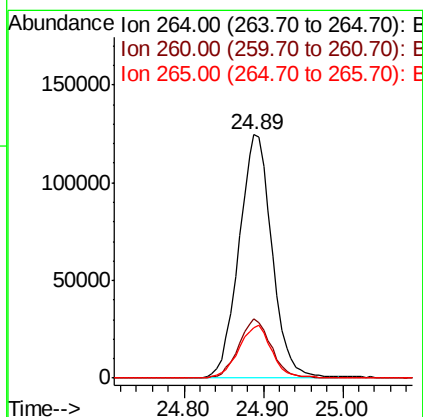
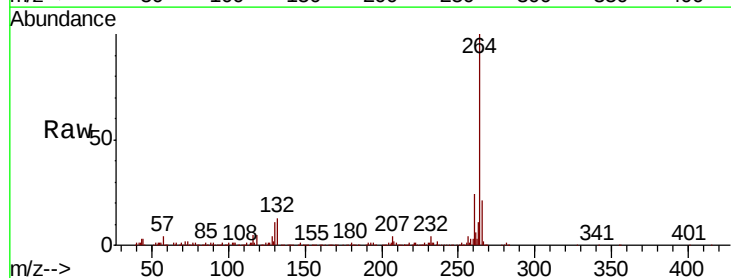
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 1131510
 Ion Ratio Lower Upper
 276 100
 138 19.5 10.6 15.8#
 277 25.6 20.6 30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036976.D
 Acq: 26 Sep 2018 9:11

Tgt Ion:264 Resp: 360083
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 20.9 17.4 26.0

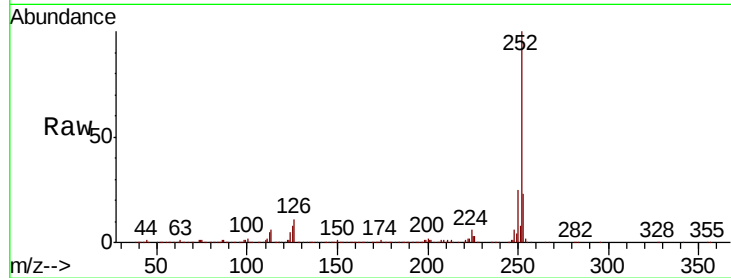




#87
Benzo(b)fluoranthene
Concen: 50.676 ng
RT: 23.88 min Scan# 3504
Delta R.T. -0.00 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	8.0	6.6	10.0

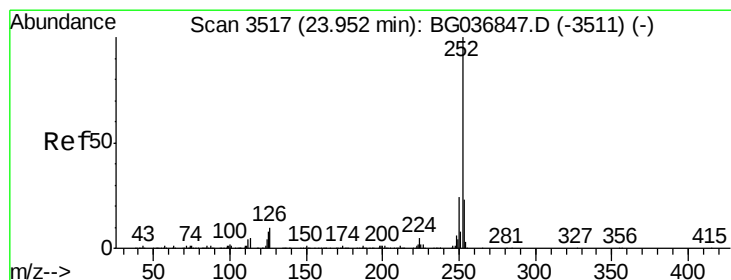
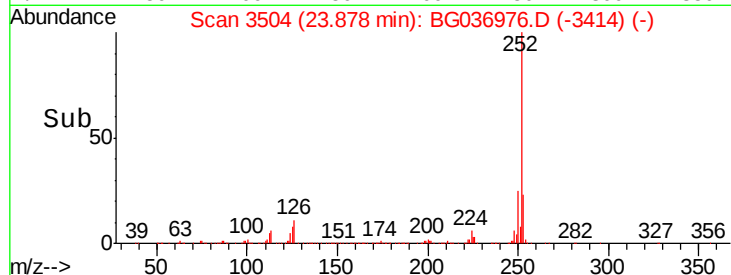
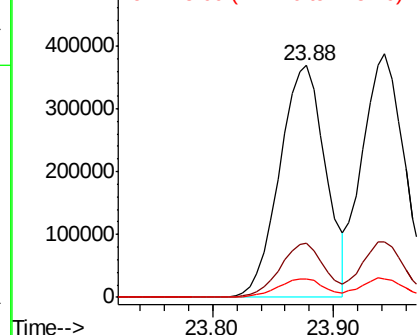


Abundance

Ion 252.00 (251.70 to 252.70): E

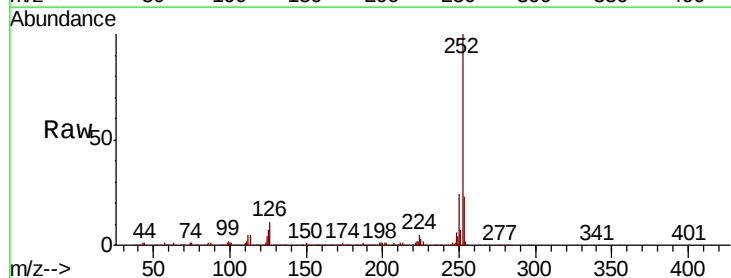
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 49.168 ng
RT: 23.94 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG036976.D
Acq: 26 Sep 2018 9:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	7.5	7.0	10.6

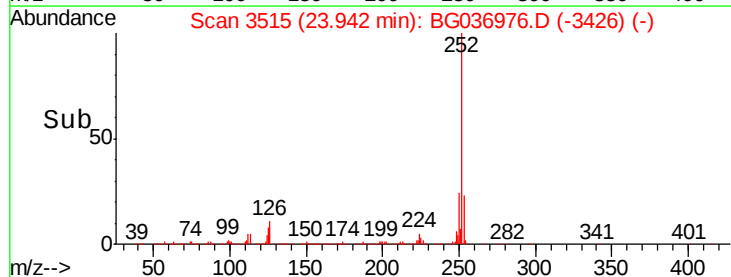
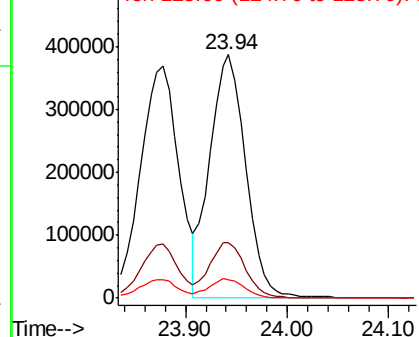


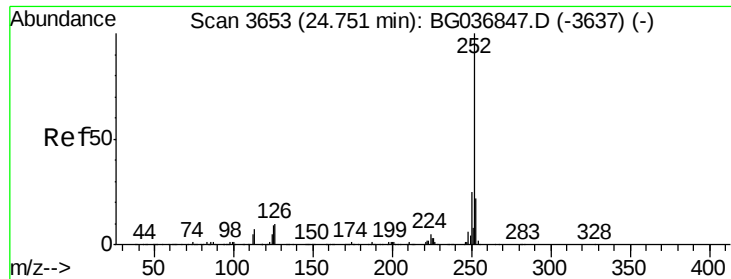
Abundance

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: 51.003 ng

RT: 24.74 min Scan# 3651

Delta R.T. -0.01 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_F

ClientSampleId :

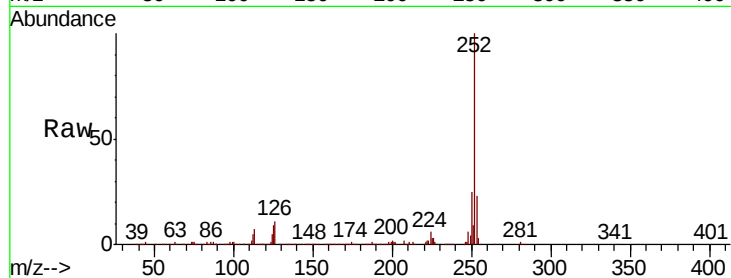
Tot Ion:252 Resp: 946220

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

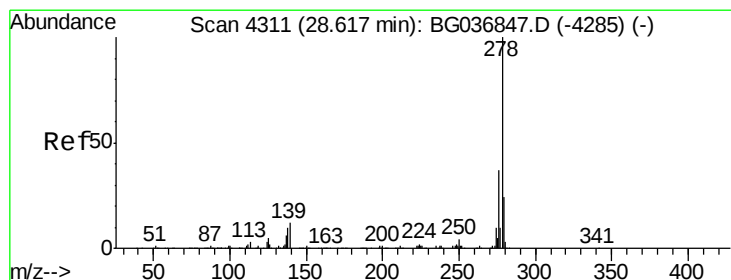
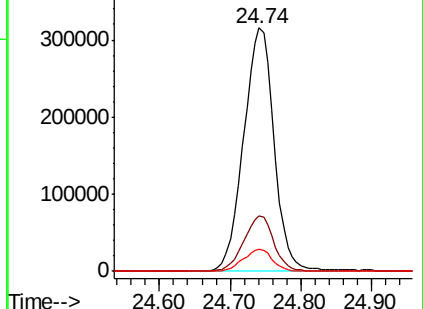
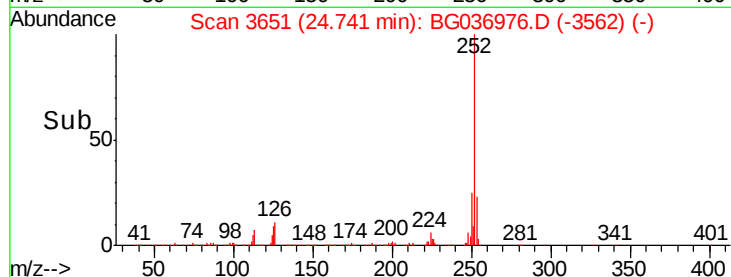
125 9.0 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 52.521 ng

RT: 28.61 min Scan# 4309

Delta R.T. -0.01 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

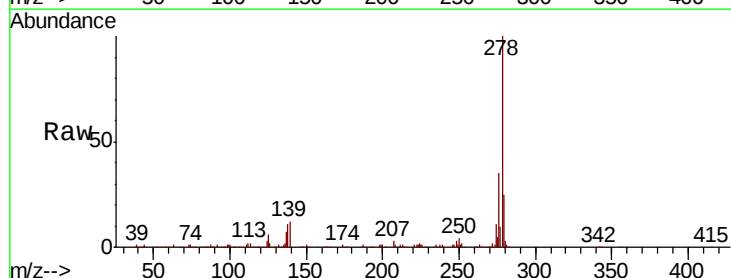
Tgt Ion:278 Resp: 913193

Ion Ratio Lower Upper

278 100

139 11.6 11.0 16.4

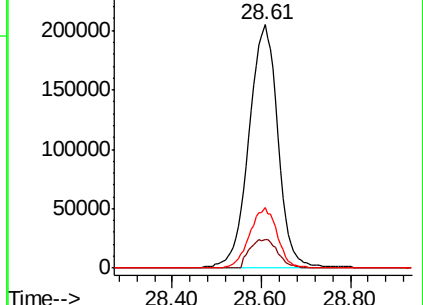
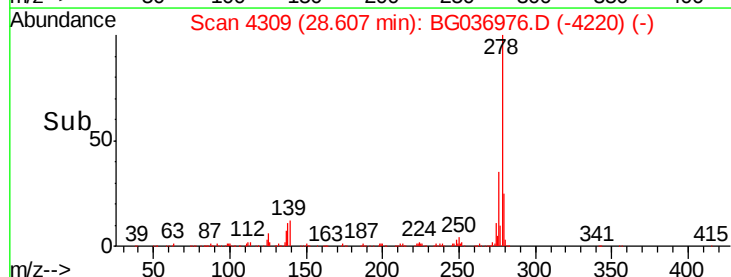
279 25.0 18.7 28.1

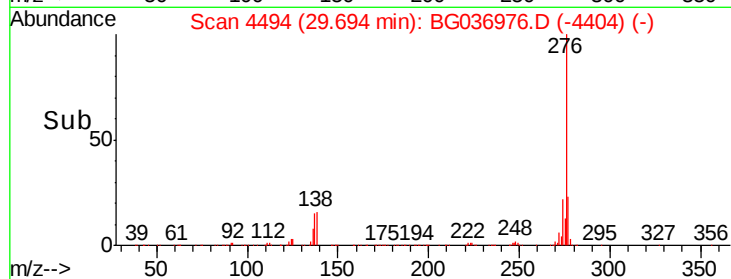
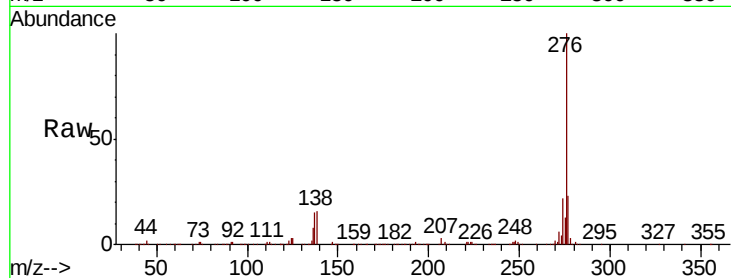
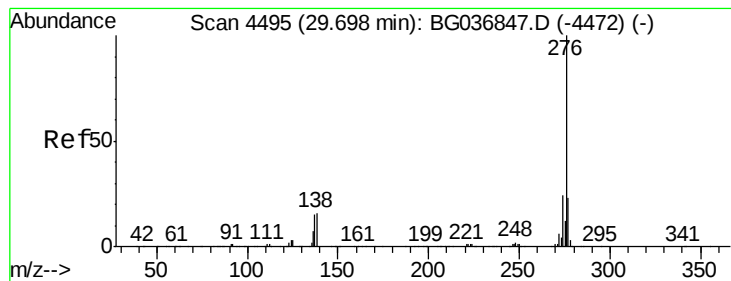


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 53.809 ng

RT: 29.69 min Scan# 4494

Delta R.T. -0.00 min

Lab File: BG036976.D

Acq: 26 Sep 2018 9:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 938966

Ion Ratio Lower Upper

276 100

277 23.3 18.4 27.6

138 16.4 14.6 22.0

