

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036975.D
 Acq On : 26 Sep 2018 8:32
 Operator : JU/SJ
 Sample : J5064-04MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 13:52:55 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	57759	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	233214	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	142568	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	330591	20.00	ng	0.00
75) Chrysene-d12	21.69	240	327854	20.00	ng	0.00
86) Perylene-d12	24.89	264	347715	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	387045	128.51	ng	0.00
7) Phenol-d6	7.21	99	476671	102.30	ng	0.00
23) Nitrobenzene-d5	9.21	82	385750	88.58	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	217348	127.42	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	789352	82.46	ng	0.00
78) Terphenyl-d14	20.02	244	1167522	93.64	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	56678	41.127	ng	96
3) Pyridine	3.95	79	123850	31.124	ng	97
4) n-Nitrosodimethylamine	3.85	42	90401	51.115	ng	# 98
6) Aniline	7.37	93	174595	28.877	ng	98
8) 2-Chlorophenol	7.61	128	168239	48.109	ng	94
9) Benzaldehyde	7.19	77	110397	35.854	ng	94
10) Phenol	7.24	94	197351	41.037	ng	95
11) bis(2-Chloroethyl)ether	7.47	93	181194	40.732	ng	98
12) 1,3-Dichlorobenzene	7.93	146	186463	43.492	ng	98
13) 1,4-Dichlorobenzene	8.08	146	186450	42.496	ng	99
14) 1,2-Dichlorobenzene	8.40	146	180108	42.361	ng	98
15) Benzyl Alcohol	8.28	79	165142	43.678	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	373215	43.700	ng	98
17) 2-Methylphenol	8.48	107	147128	43.921	ng	96
18) Hexachloroethane	9.12	117	73530	45.541	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	152295	39.288	ng	98
20) 3+4-Methylphenols	8.81	107	200273	42.975	ng	97
22) Acetophenone	8.87	105	272747	49.767	ng	94
24) Nitrobenzene	9.25	77	230455	49.553	ng	99
25) Isophorone	9.77	82	425337	53.451	ng	100
26) 2-Nitrophenol	9.96	139	98094	52.917	ng	98
27) 2,4-Dimethylphenol	10.02	122	162649	56.327	ng	93
28) bis(2-Chloroethoxy)methane	10.25	93	239393	48.754	ng	99
29) 2,4-Dichlorophenol	10.49	162	178018	53.181	ng	94
30) 1,2,4-Trichlorobenzene	10.71	180	193628	46.222	ng	100
31) Naphthalene	10.90	128	603210	54.360	ng	99
32) Benzoic acid	10.18	122	79135	37.252	ng	95
33) 4-Chloroaniline	11.01	127	109151	21.634	ng	97
34) Hexachlorobutadiene	11.18	225	132877	45.868	ng	99
35) Caprolactam	11.80	113	32311	23.452	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	201009	50.327	ng	99
37) 2-Methylnaphthalene	12.50	142	418830	49.558	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	235080	47.276	ng	98
40) Hexachlorocyclopentadiene	12.84	237	294190	115.036	ng	98

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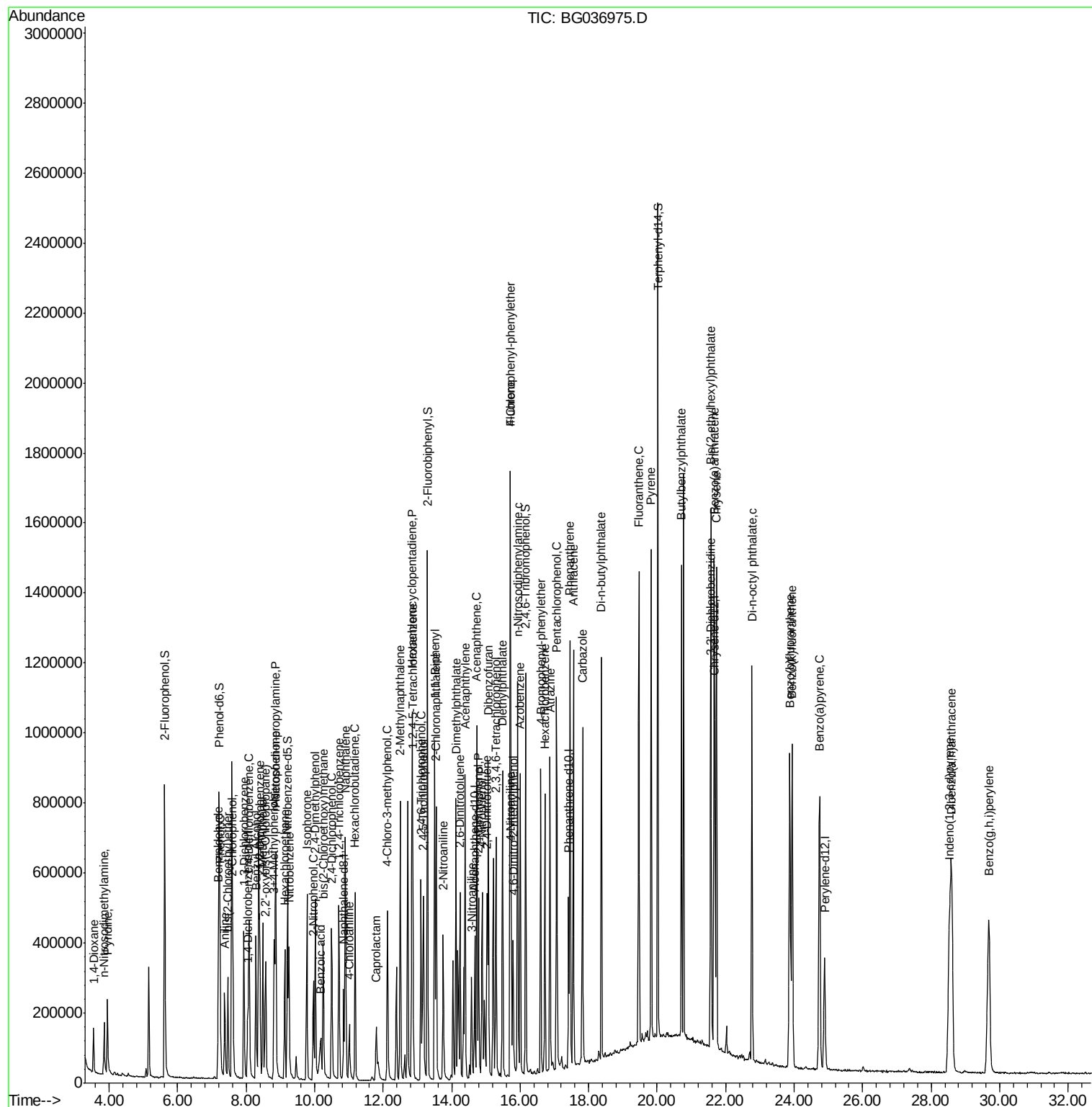
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	150981	54.678	nq	96
43) 2,4,5-Trichlorophenol	13.18	196	170722	57.983	nq	99
45) 1,1'-Biphenyl	13.50	154	533864	48.894	nq	98
46) 2-Chloronaphthalene	13.55	162	400358	46.626	nq	100
47) 2-Nitroaniline	13.75	65	149712	50.409	nq	99
48) Acenaphthylene	14.40	152	677739	50.370	nq	99
49) Dimethylphthalate	14.12	163	538895	46.959	nq	99
50) 2,6-Dinitrotoluene	14.24	165	119228	47.619	nq	94
51) Acenaphthene	14.74	154	390974	48.078	nq	99
52) 3-Nitroaniline	14.58	138	86056	32.617	nq	99
53) 2,4-Dinitrophenol	14.78	184	128454	106.652	nq	92
54) Dibenzofuran	15.07	168	645383	46.919	nq	100
55) 4-Nitrophenol	14.89	139	164026	97.315	nq	95
56) 2,4-Dinitrotoluene	15.04	165	168633	48.267	nq	91
57) Fluorene	15.72	166	512275	49.827	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	159639	53.447	nq	98
59) Diethylphthalate	15.49	149	529027	45.706	nq	99
60) 4-Chlorophenyl-phenylether	15.71	204	286879	44.061	nq	98
61) 4-Nitroaniline	15.74	138	103954	37.458	nq	94
62) Azobenzene	16.00	77	544622	48.971	nq	97
64) 4,6-Dinitro-2-methylphenol	15.79	198	93701	54.213	nq	92
65) n-Nitrosodiphenylamine	15.92	169	456422	50.010	nq	98
66) 4-Bromophenyl-phenylether	16.60	248	182879	48.634	nq	97
67) Hexachlorobenzene	16.72	284	182300	47.072	nq	98
68) Atrazine	16.87	200	185600	50.224	nq	99
69) Pentachlorophenol	17.07	266	226018	92.693	nq	99
70) Phenanthrene	17.46	178	812170	50.980	nq	99
71) Anthracene	17.55	178	824075	52.313	nq	99
72) Carbazole	17.82	167	703876	45.828	nq	99
73) Di-n-butylphthalate	18.37	149	837555	49.104	nq	99
74) Fluoranthene	19.47	202	927223	48.352	nq	100
77) Pyrene	19.82	202	925589	47.046	nq	99
79) Butylbenzylphthalate	20.71	149	389697	49.694	nq	99
80) Benzo(a)anthracene	21.66	228	958605	50.088	nq	100
81) 3,3'-Dichlorobenzidine	21.58	252	198474	27.245	nq	100
82) Chrysene	21.73	228	902897	48.828	nq	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	542979	49.565	nq	100
84) Di-n-octyl phthalate	22.77	149	924504	51.256	nq	99
85) Indeno(1,2,3-cd)pyrene	28.54	276	1113560	56.079	nq	# 89
87) Benzo(b)fluoranthene	23.87	252	969101	52.297	nq	98
88) Benzo(k)fluoranthene	23.94	252	910079	48.952	nq	98
89) Benzo(a)pyrene	24.74	252	926650	51.725	nq	99
90) Dibenzo(a,h)anthracene	28.60	278	904392	53.865	nq	97
91) Benzo(g,h,i)perylene	29.69	276	921935	54.712	nq	97

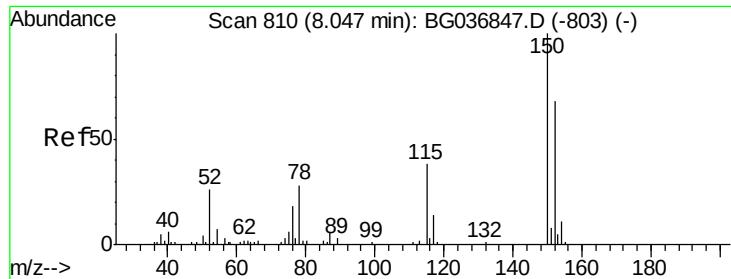
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

Instrument :

BNA_F

ClientSampleId :

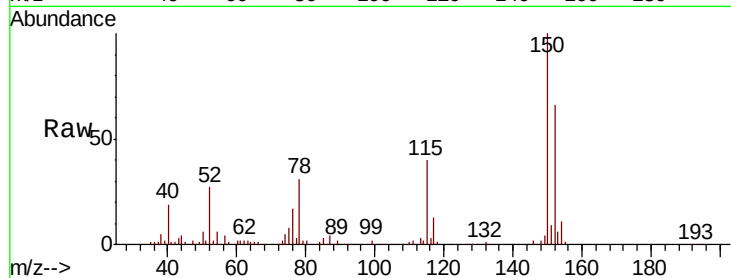
Tot Ion:152 Resp: 57759

Ion Ratio Lower Upper

152 100

150 152.0 119.5 179.3

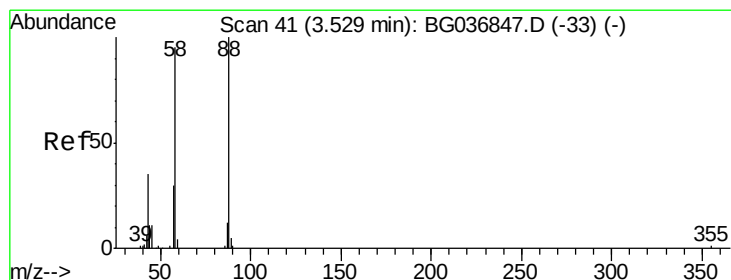
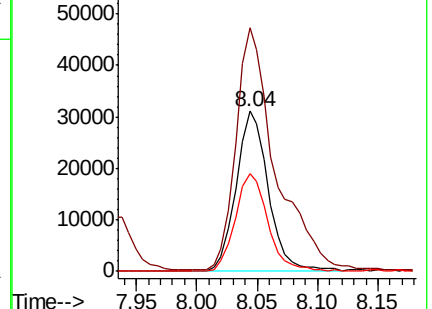
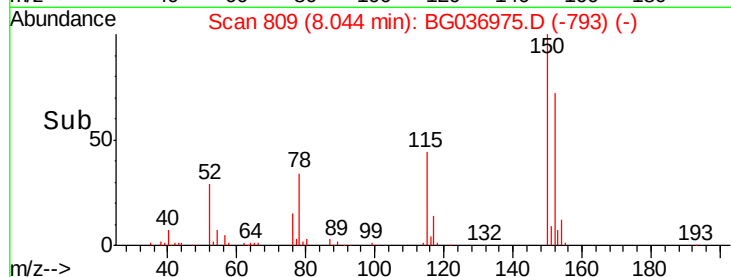
115 61.0 44.5 66.7



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: 41.127 ng

RT: 3.54 min Scan# 43

Delta R.T. 0.01 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

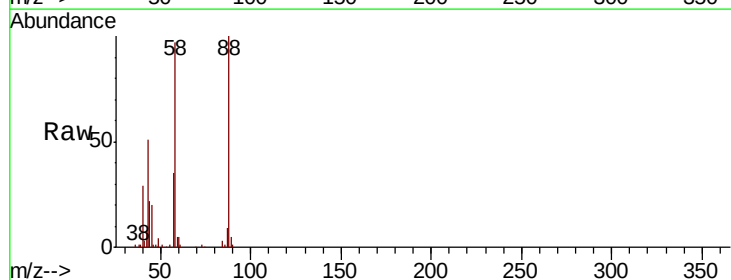
Tgt Ion: 88 Resp: 56678

Ion Ratio Lower Upper

88 100

58 94.1 72.6 109.0

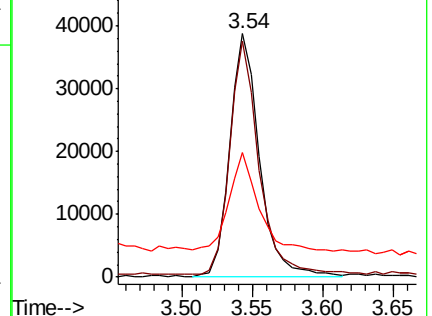
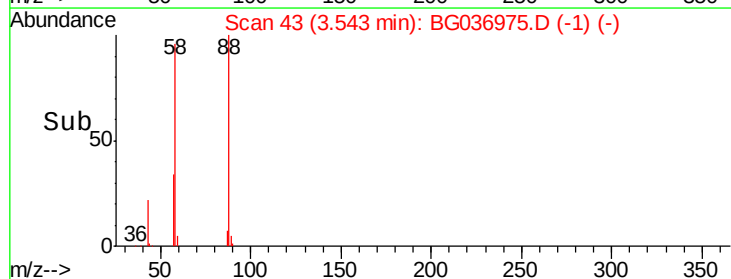
43 39.2 29.0 43.4

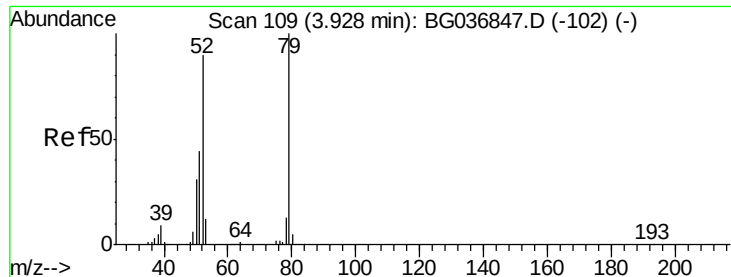


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.124 ng

RT: 3.95 min Scan# 112

Delta R.T. 0.02 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

Instrument :

BNA_F

ClientSampleId :

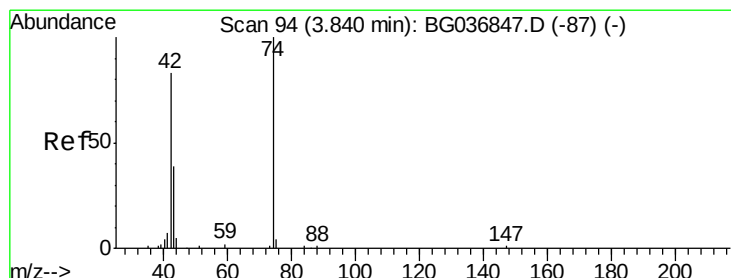
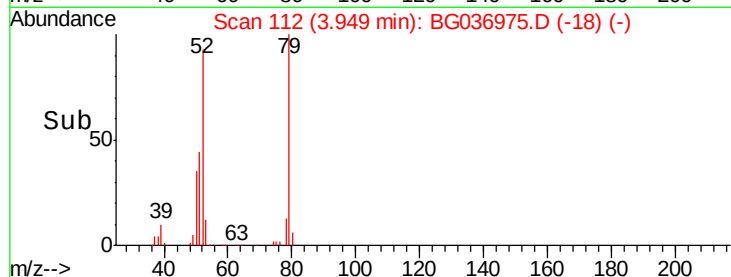
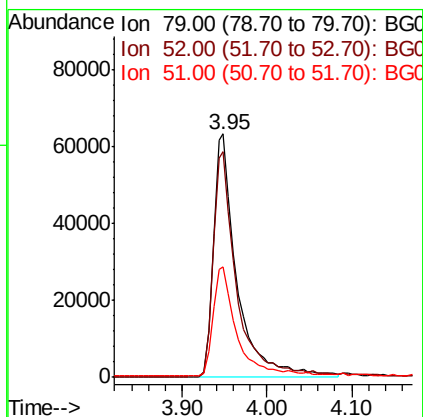
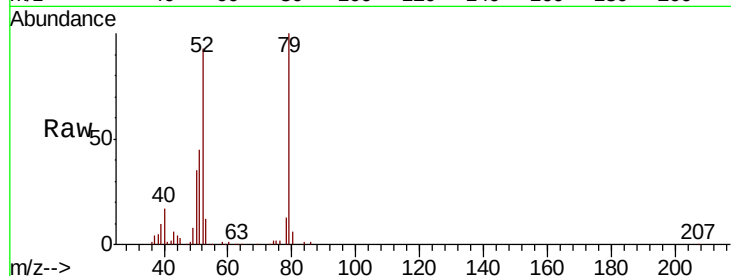
Tot Ion: 79 Resp: 123850

Ion Ratio Lower Upper

79 100

52 92.9 72.3 108.5

51 45.5 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 51.115 ng

RT: 3.85 min Scan# 95

Delta R.T. 0.01 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

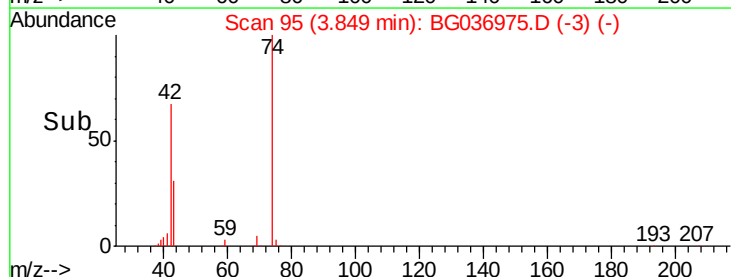
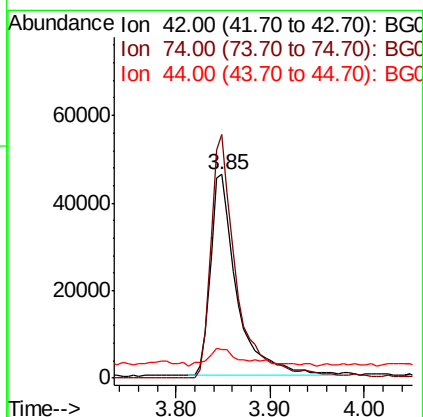
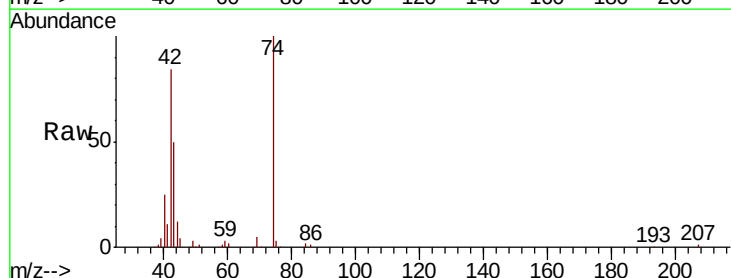
Tgt Ion: 42 Resp: 90401

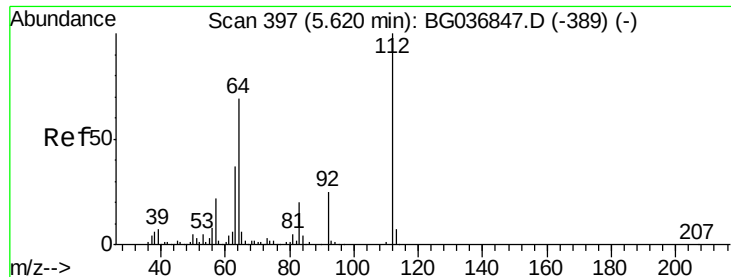
Ion Ratio Lower Upper

42 100

74 119.7 96.6 145.0

44 13.8 7.0 10.4#





#5

2-Fluorophenol

Concen: 128.511 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

Instrument :

BNA_F

ClientSampleId :

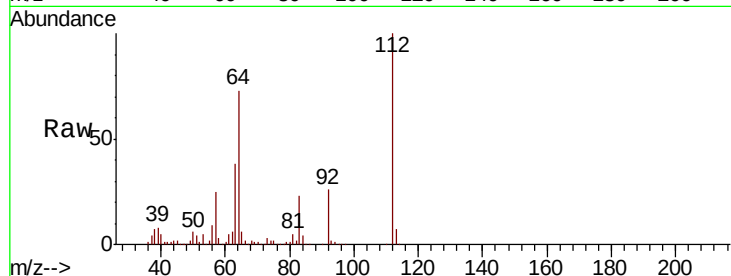
Tot Ion:112 Resp: 387045

Ion Ratio Lower Upper

112 100

64 73.5 57.2 85.8

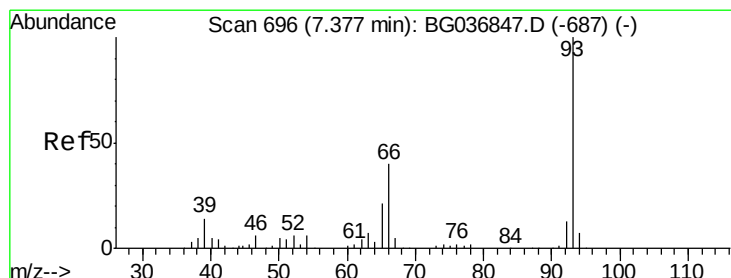
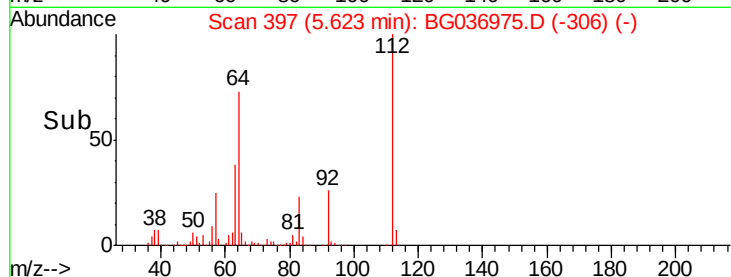
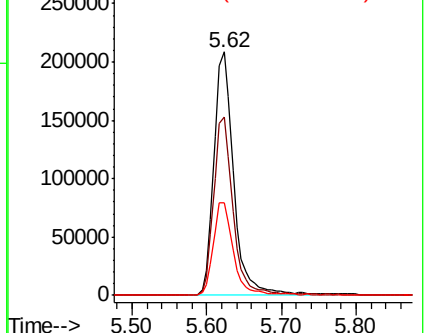
63 38.2 30.8 46.2



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: 28.877 ng

RT: 7.37 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

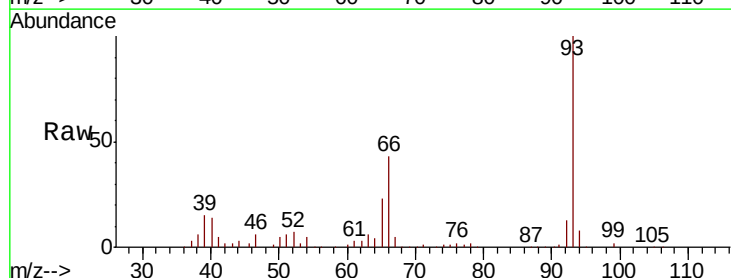
Tgt Ion: 93 Resp: 174595

Ion Ratio Lower Upper

93 100

66 43.1 35.0 52.4

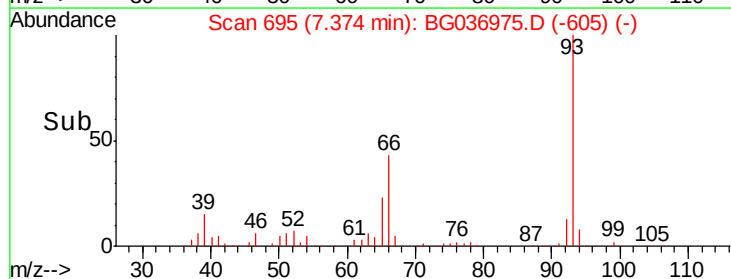
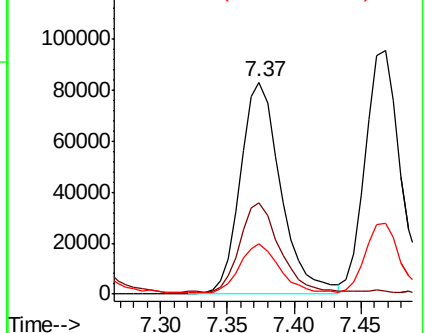
65 23.5 17.6 26.4

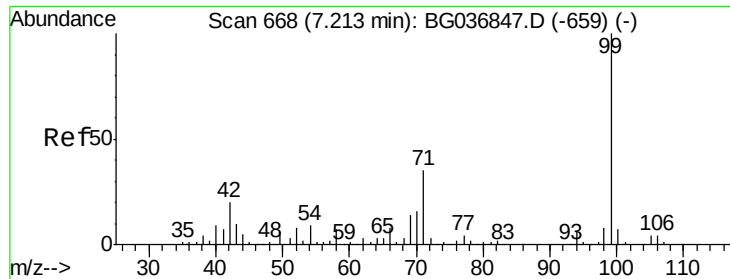


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 102.296 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

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ClientSampleId :

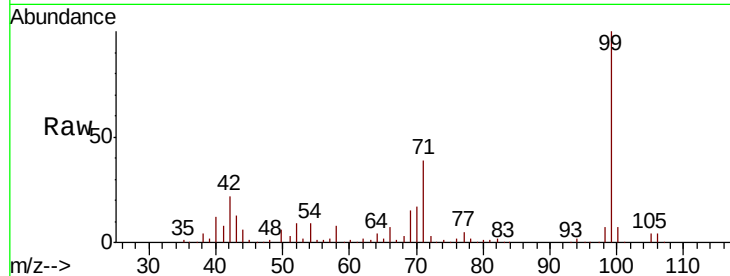
Tot Ion: 99 Resp: 476671

Ion Ratio Lower Upper

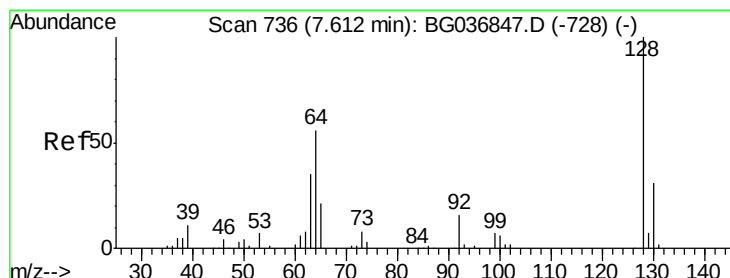
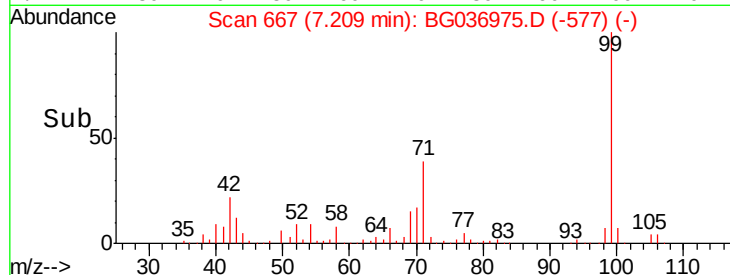
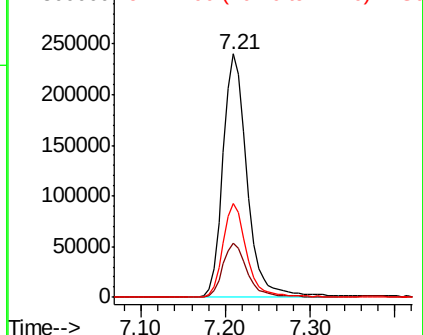
99 100

42 22.4 16.5 24.7

71 38.5 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: 48.109 ng

RT: 7.61 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

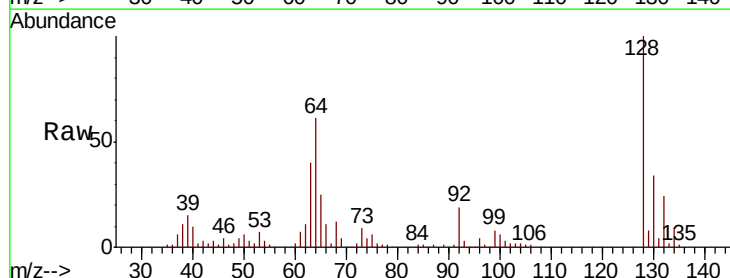
Tgt Ion:128 Resp: 168239

Ion Ratio Lower Upper

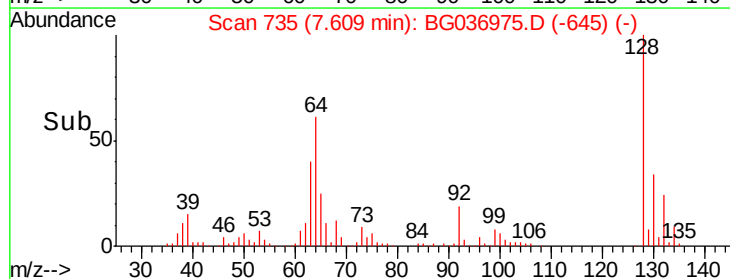
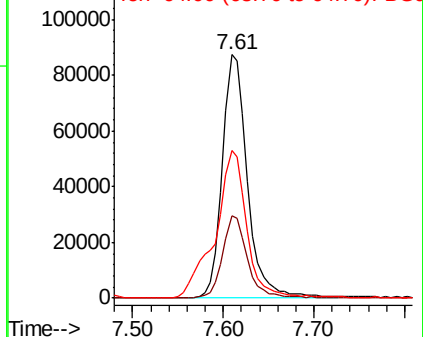
128 100

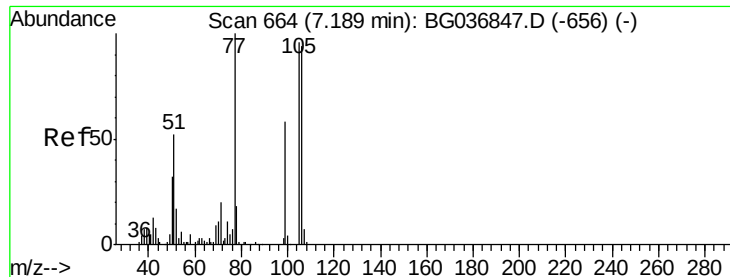
130 33.7 10.0 50.0

64 60.6 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: 35.854 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

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ClientSampleId :

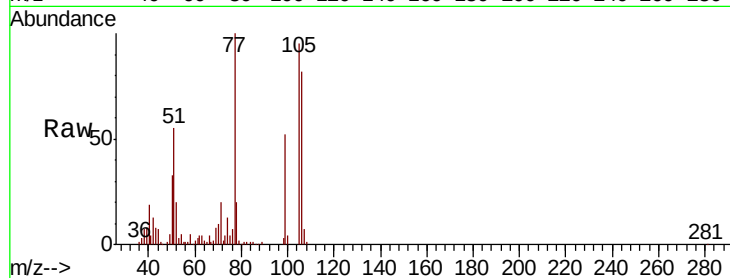
Tot Ion: 77 Resp: 110397

Ion Ratio Lower Upper

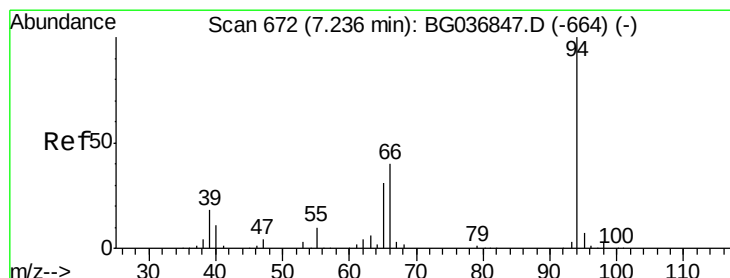
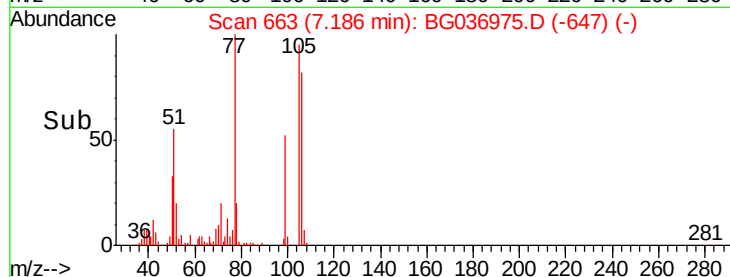
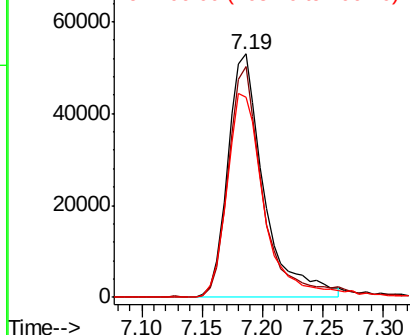
77 100

105 94.7 70.5 110.5

106 82.3 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: 41.037 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

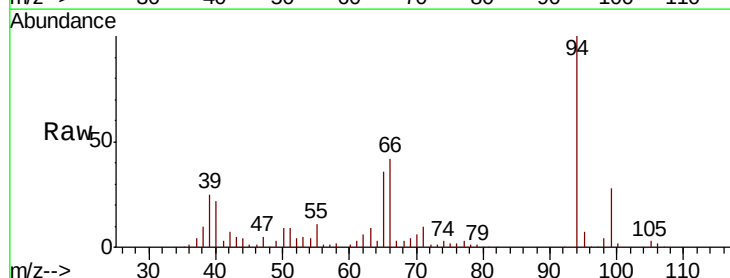
Tgt Ion: 94 Resp: 197351

Ion Ratio Lower Upper

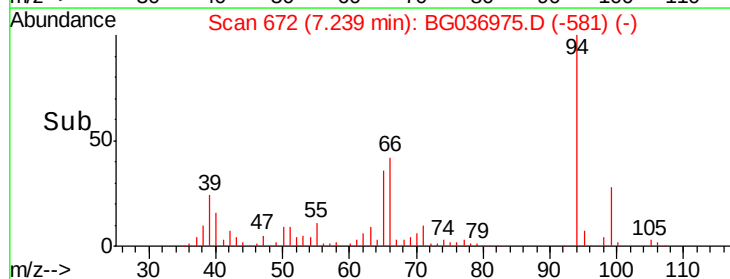
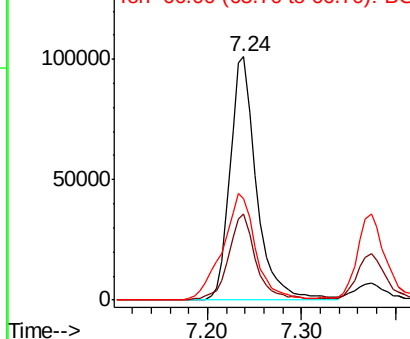
94 100

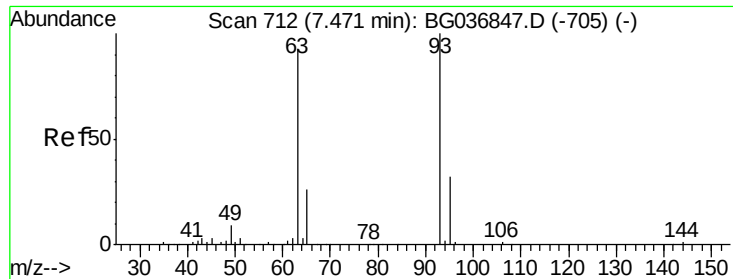
65 35.6 11.5 51.5

66 41.6 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: 40.732 ng

RT: 7.47 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

Instrument :

BNA_F

ClientSampleId :

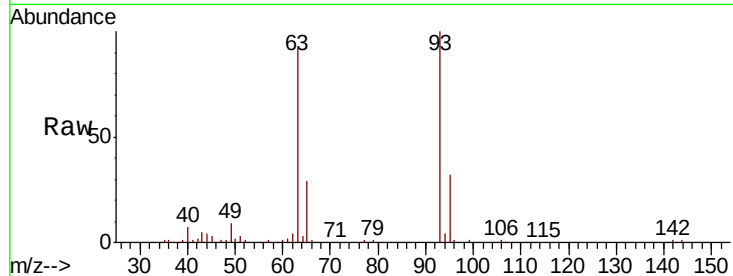
Tot Ion: 93 Resp: 181194

Ion Ratio Lower Upper

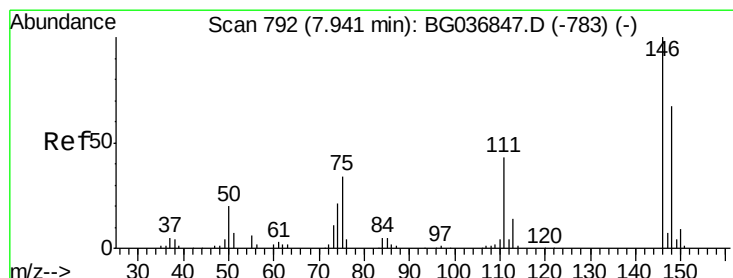
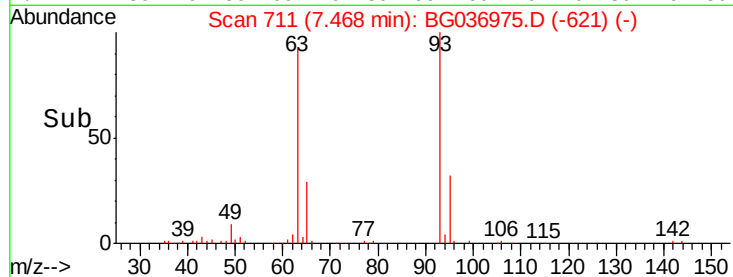
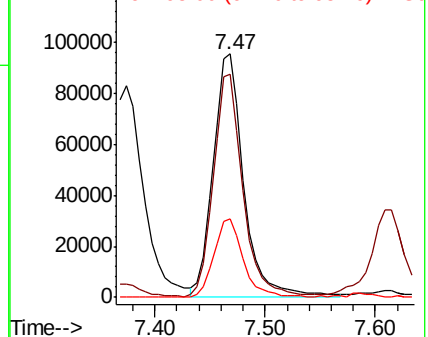
93 100

63 91.8 69.9 109.9

95 32.1 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: 43.492 ng

RT: 7.93 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

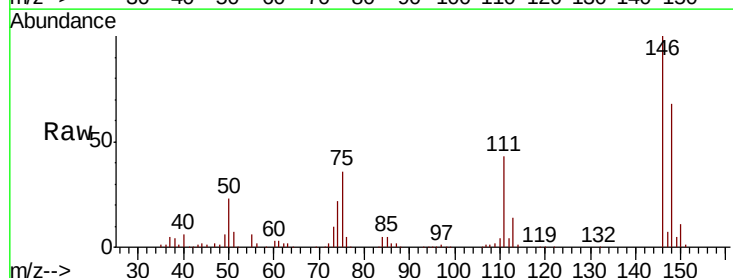
Tgt Ion: 146 Resp: 186463

Ion Ratio Lower Upper

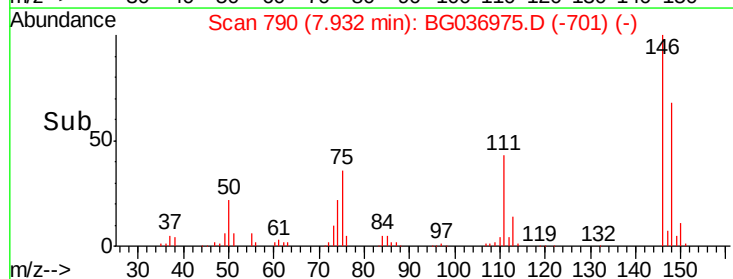
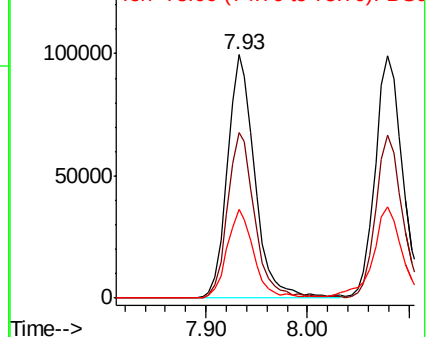
146 100

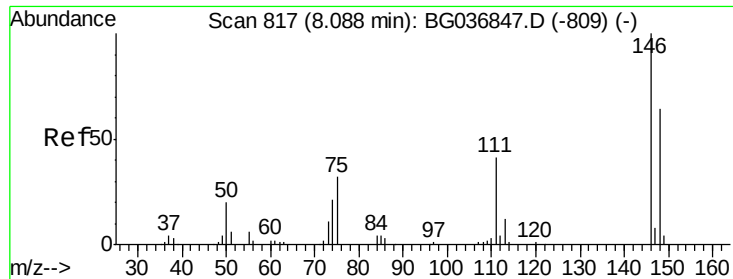
148 68.2 53.8 80.6

75 36.4 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

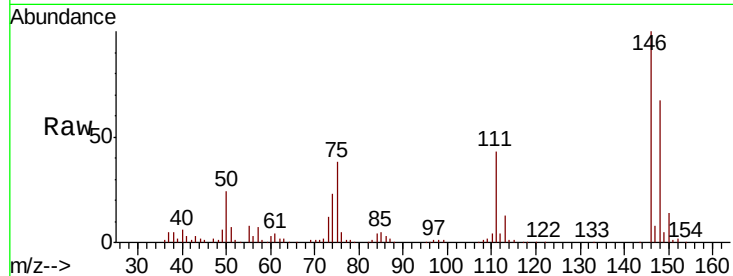




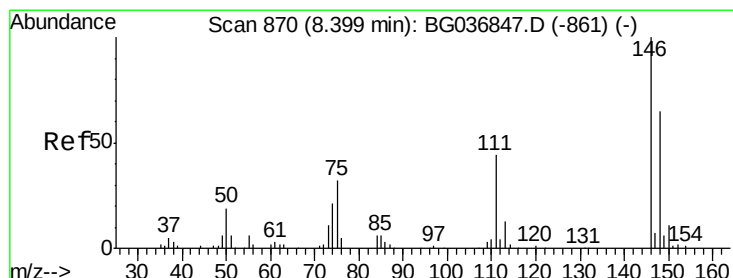
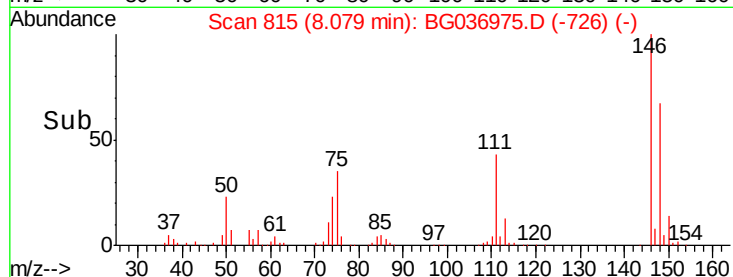
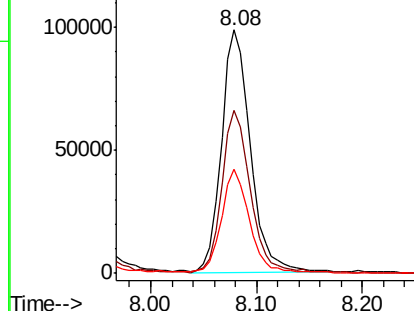
#13
 1,4-Dichlorobenzene
 Concen: 42.496 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG036975.D
 Acq: 26 Sep 2018 8:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.2	53.9	80.9
111	42.9	33.8	50.6

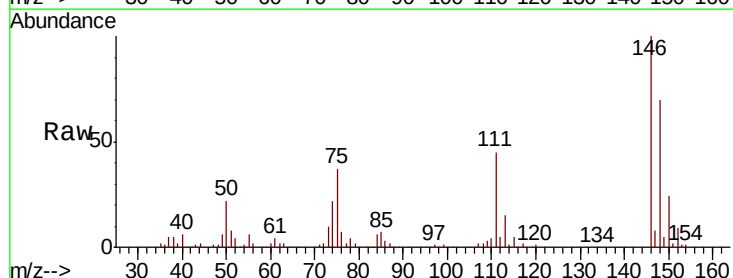


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

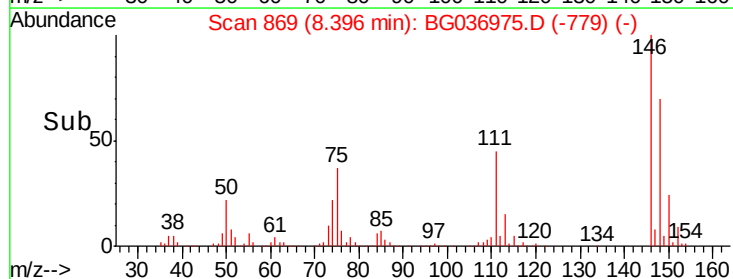
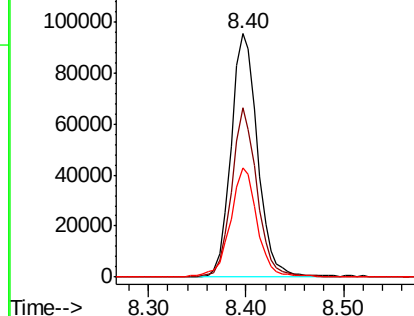


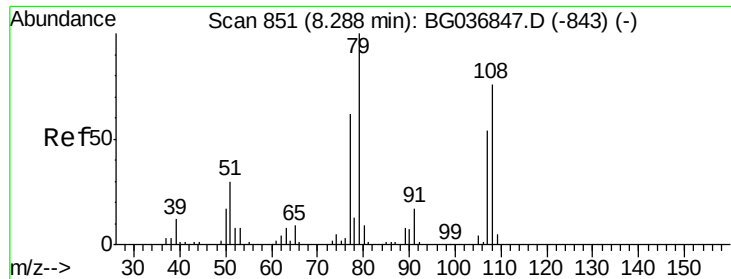
#14
 1,2-Dichlorobenzene
 Concen: 42.361 ng
 RT: 8.40 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG036975.D
 Acq: 26 Sep 2018 8:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.7	55.0	82.6
111	45.0	34.6	51.8



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





#15

Benzyl Alcohol

Concen: 43.678 ng

RT: 8.28 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

Instrument :

BNA_F

ClientSampleId :

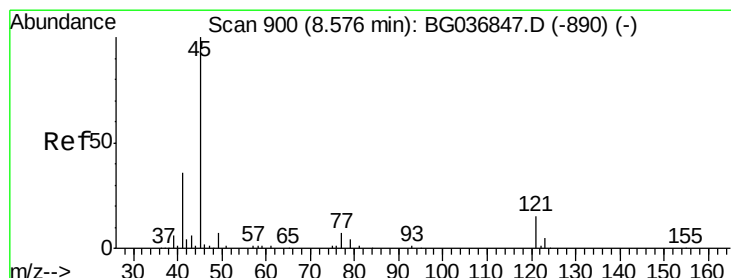
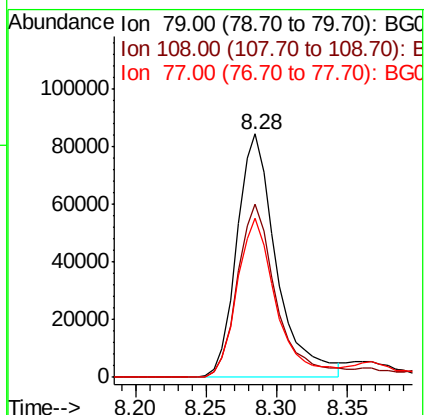
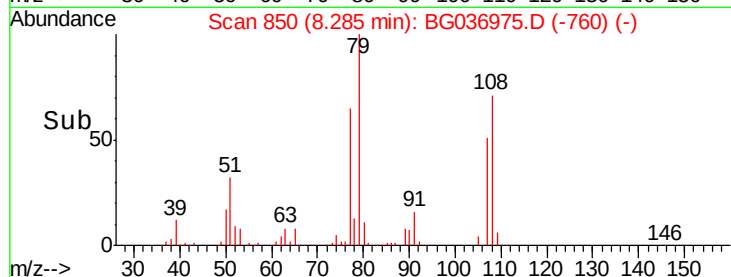
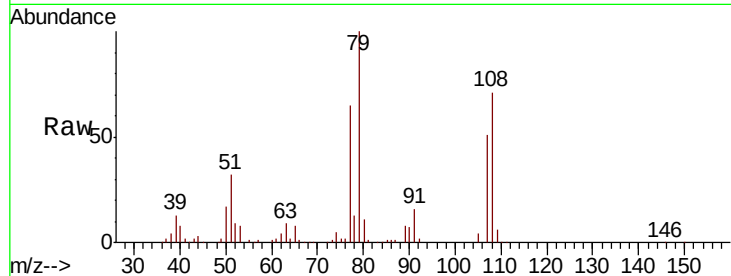
Tot Ion: 79 Resp: 165142

Ion Ratio Lower Upper

79 100

108 71.2 55.9 83.9

77 65.5 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.700 ng

RT: 8.57 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

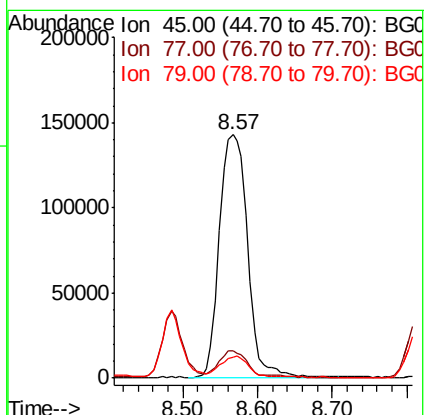
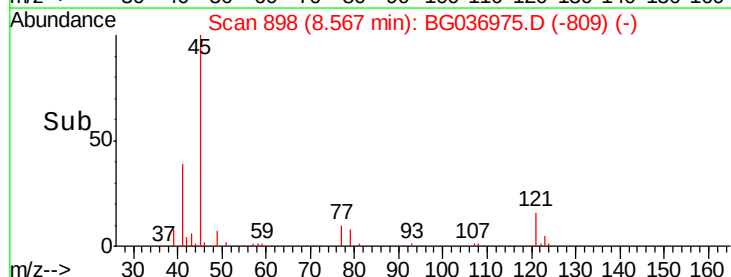
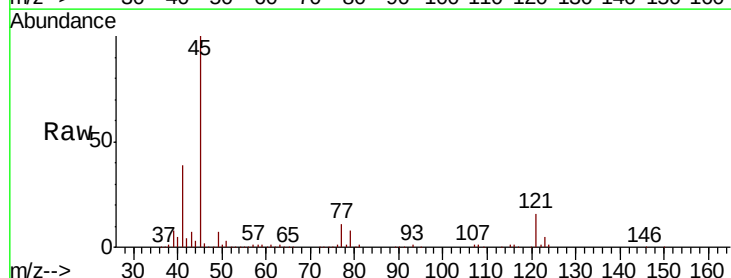
Tgt Ion: 45 Resp: 373215

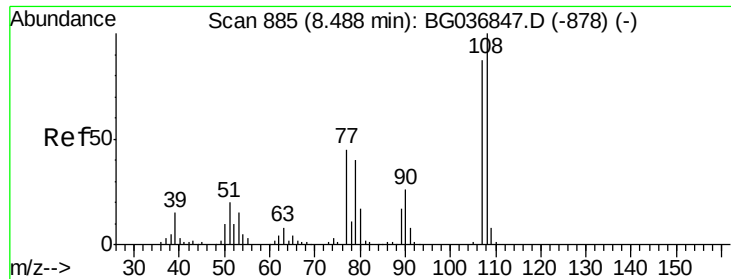
Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.5

79 8.4 0.0 27.9

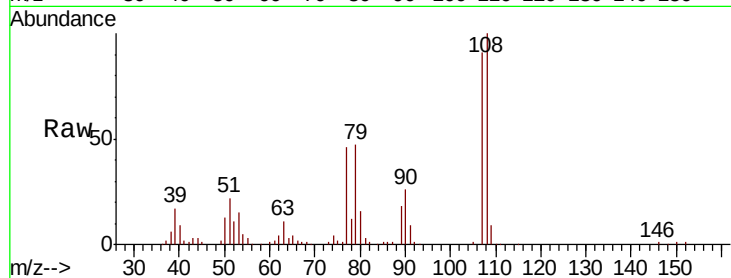




#17
2-Methylphenol
Concen: 43.921 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	147128
Ion	Ratio	Lower	Upper
107	100		
108	110.1	86.7	130.1
77	51.1	39.0	58.4
79	51.9	36.6	54.8



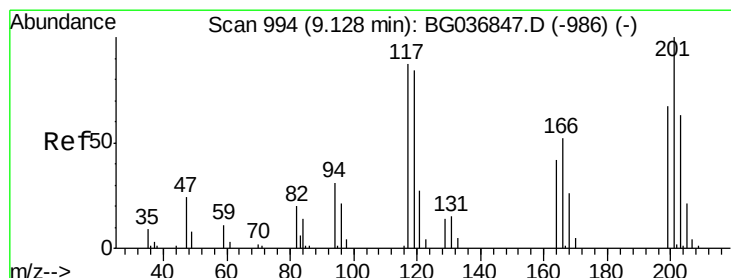
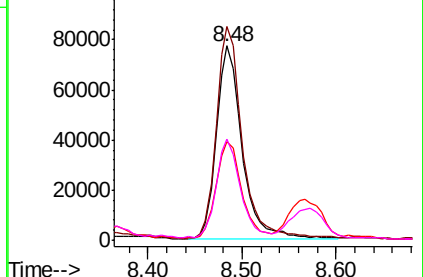
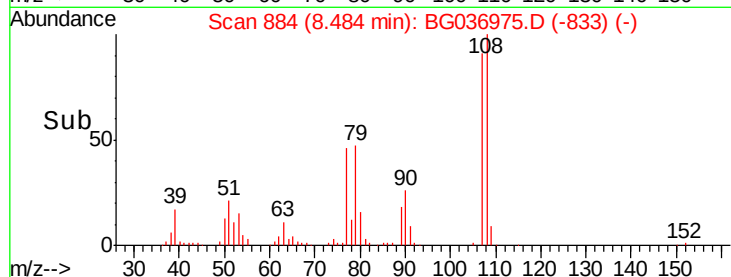
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

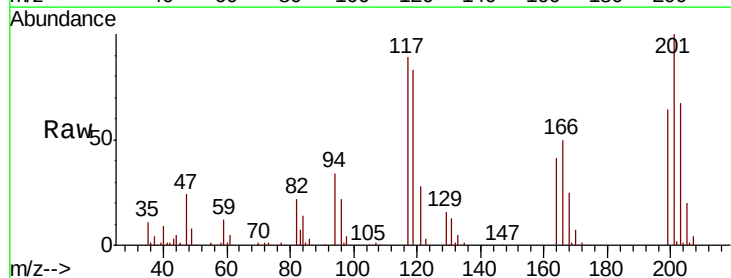
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 45.541 ng
RT: 9.12 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Tgt Ion:	117	Resp:	73530
Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.8	115.2
201	112.3	85.7	128.5

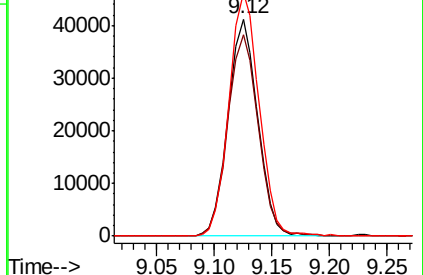
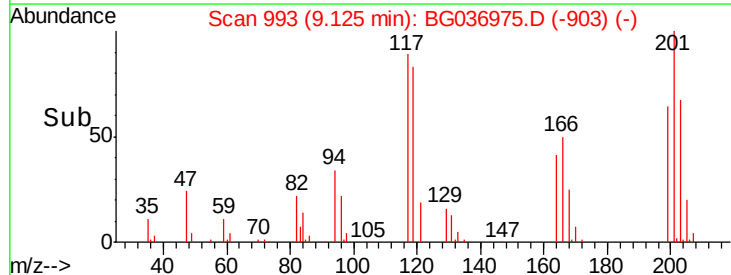


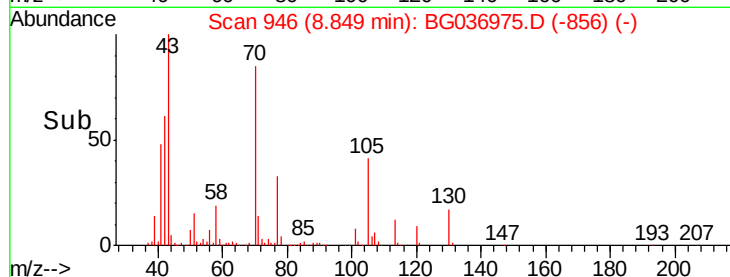
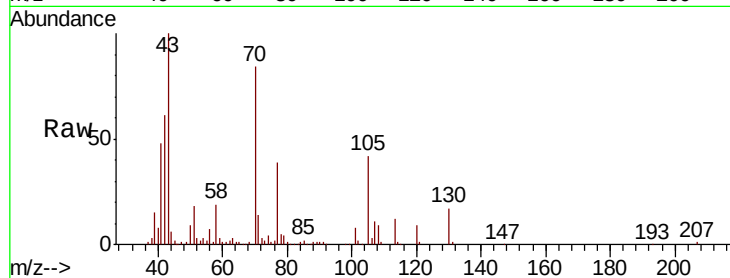
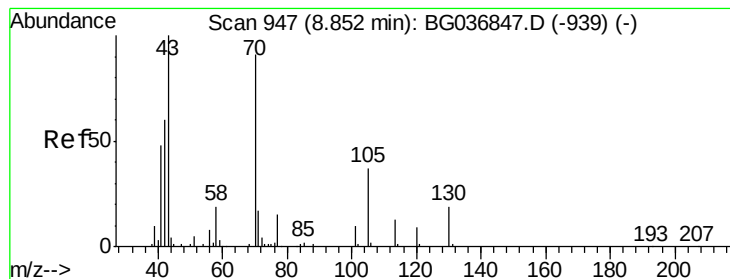
Abundance

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: 39.288 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 152295

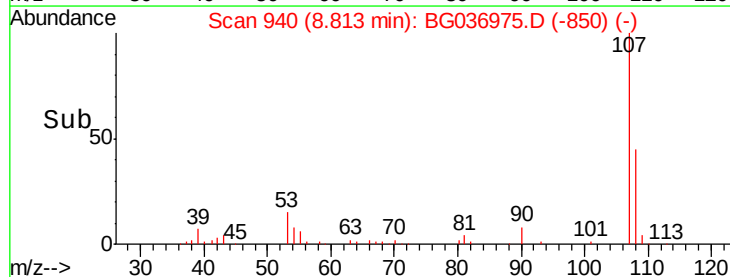
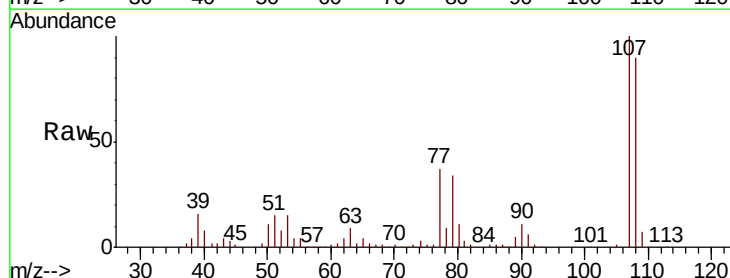
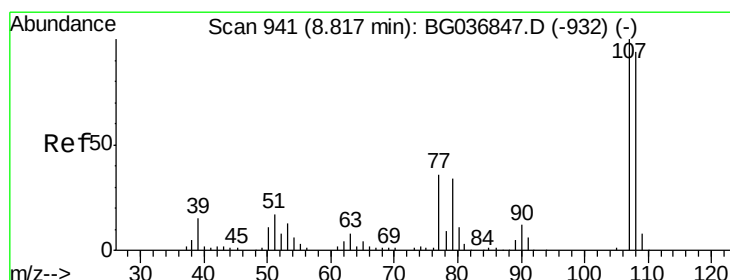
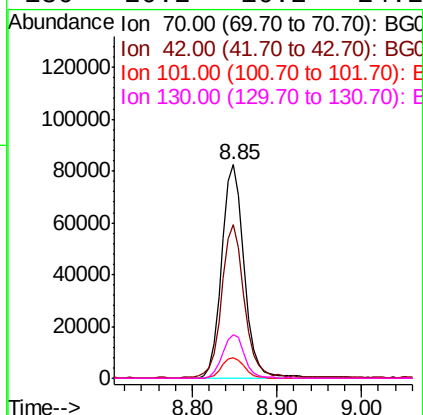
Ion Ratio Lower Upper

70 100

42 72.2 56.2 84.4

101 9.9 7.8 11.6

130 20.2 16.2 24.2



#20

3+4-Methylphenols

Concen: 42.975 ng

RT: 8.81 min Scan# 940

Delta R.T. -0.00 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

Tgt Ion: 107 Resp: 200273

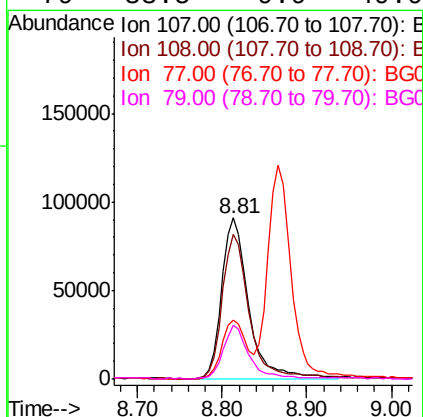
Ion Ratio Lower Upper

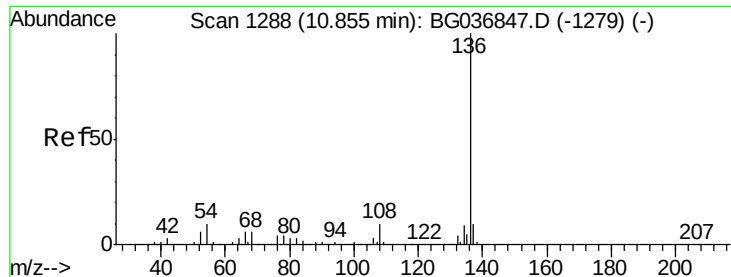
107 100

108 89.6 68.0 108.0

77 36.6 15.6 55.6

79 33.5 9.9 49.9

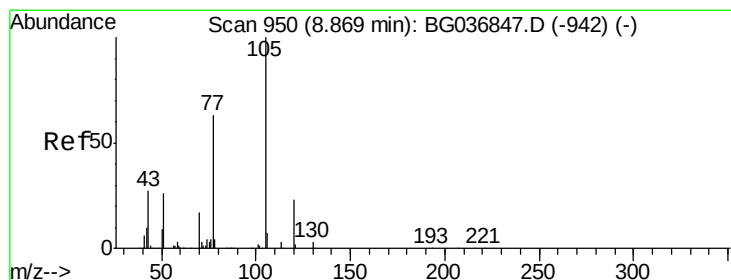
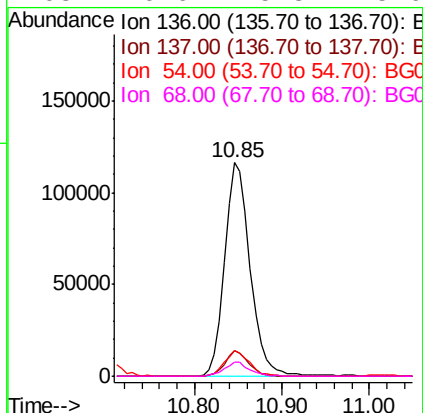
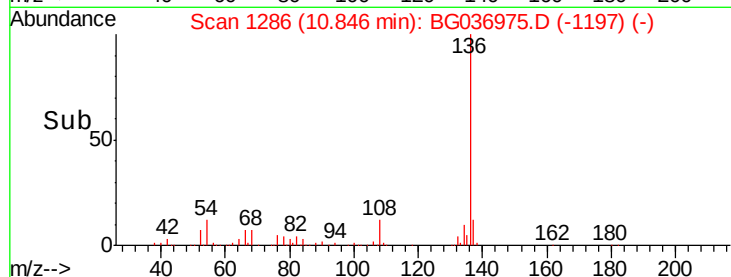
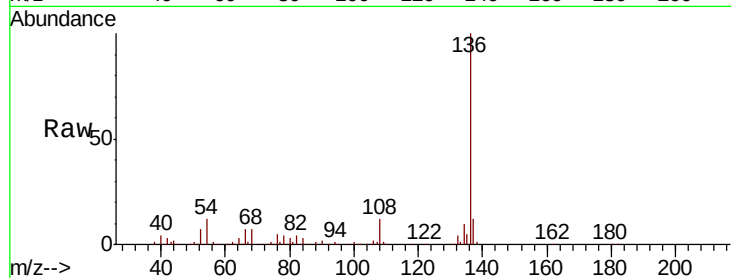




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

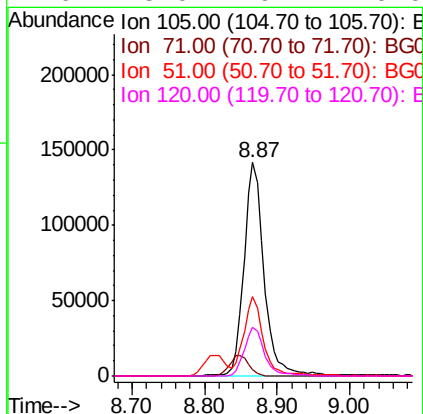
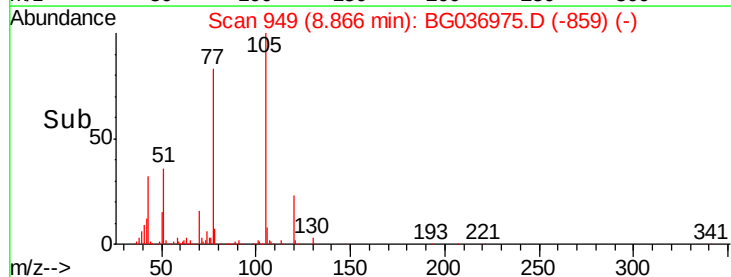
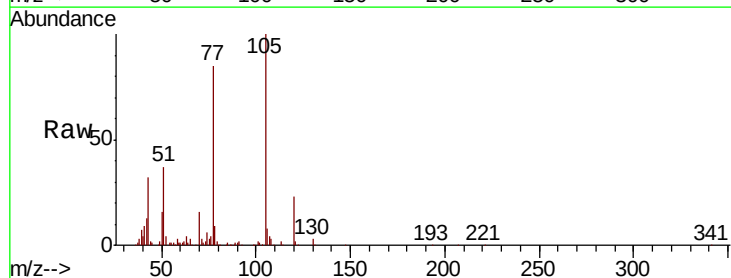
Instrument :
BNA_F
ClientSampleId :

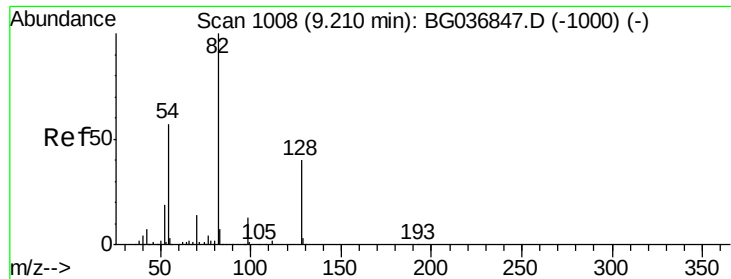
Tot Ion:136	Resp:	233214
Ion Ratio	Lower	Upper
136	100	
137	12.0	8.8 13.2
54	12.0	9.2 13.8
68	6.6	5.8 8.6



#22
Acetophenone
Concen: 49.767 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Tgt Ion:105	Resp:	272747
Ion Ratio	Lower	Upper
105	100	
71	2.8	2.4 3.6
51	37.1	25.9 38.9
120	23.0	19.4 29.0

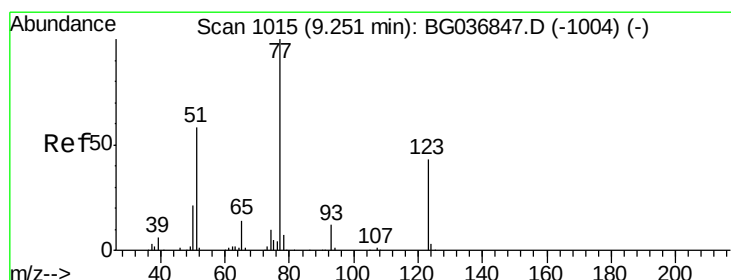
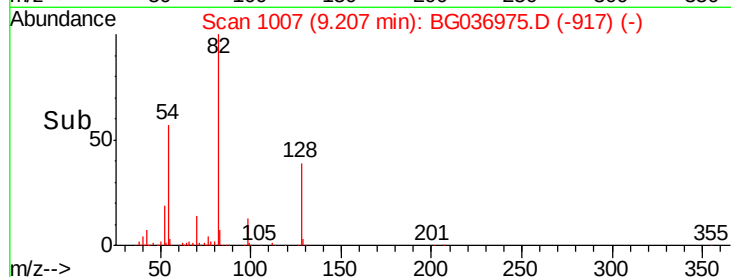
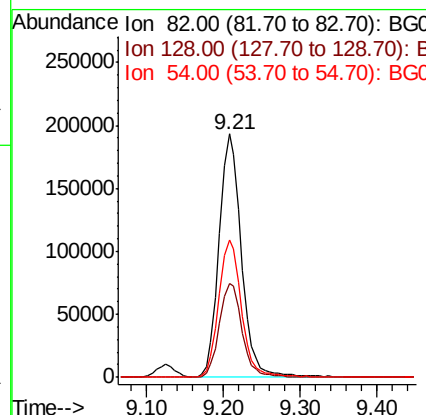
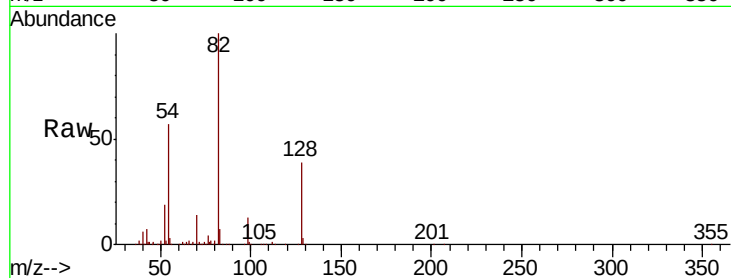




#23
 Nitrobenzene-d5
 Concen: 88.577 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BG036975.D
 Acq: 26 Sep 2018 8:32

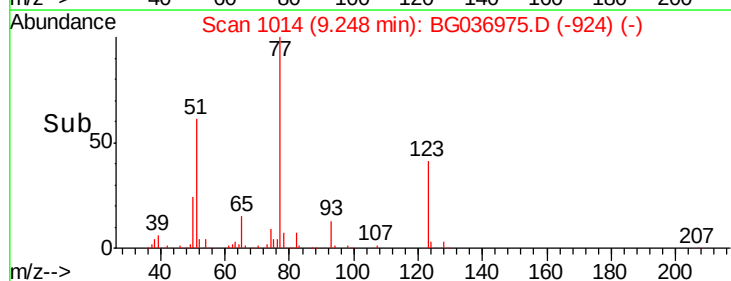
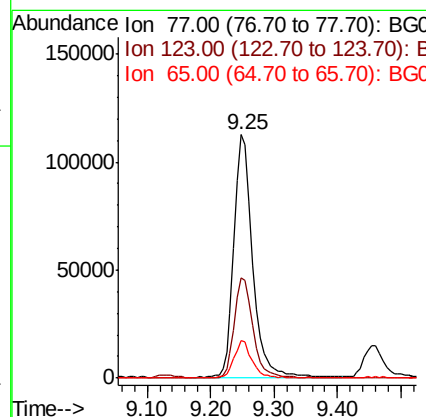
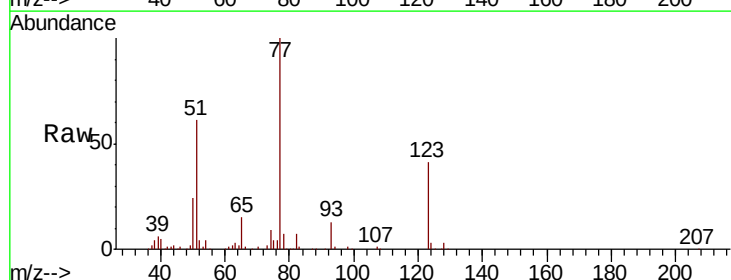
Instrument :
 BNA_F
 ClientSampleId :

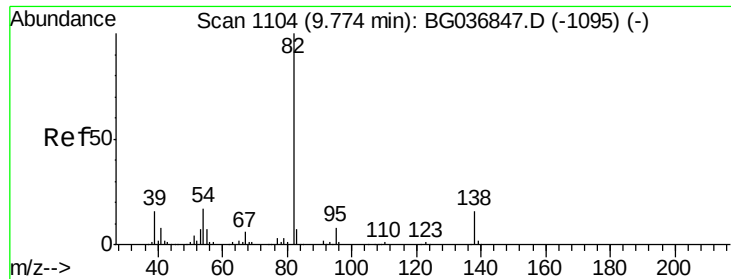
Tot Ion	82	Resp	385750
Ion	Ratio	Lower	Upper
82	100		
128	38.7	33.3	49.9
54	56.5	45.1	67.7



#24
 Nitrobenzene
 Concen: 49.553 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG036975.D
 Acq: 26 Sep 2018 8:32

Tgt Ion	77	Resp	230455
Ion	Ratio	Lower	Upper
77	100		
123	41.0	32.4	48.6
65	15.2	11.5	17.3





#25

Isophorone

Concen: 53.451 ng

RT: 9.77 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

Instrument :

BNA_F

ClientSampleId :

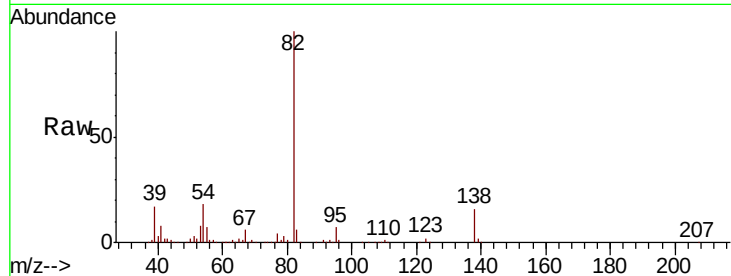
Tot Ion: 82 Resp: 425337

Ion Ratio Lower Upper

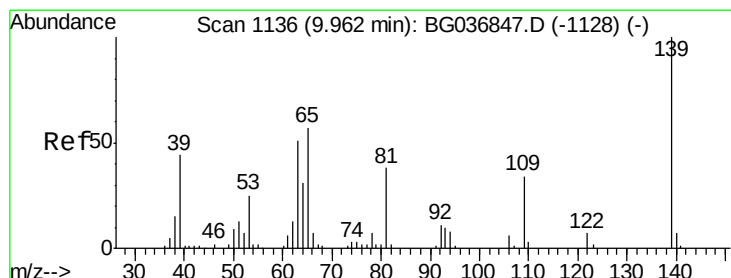
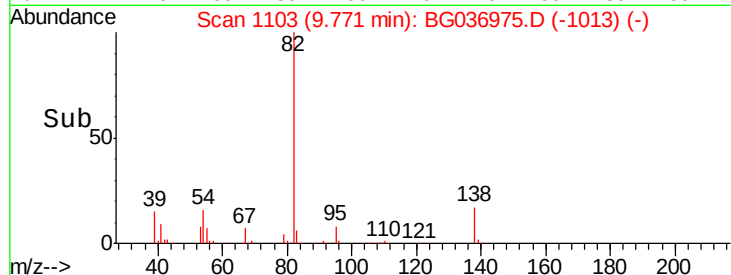
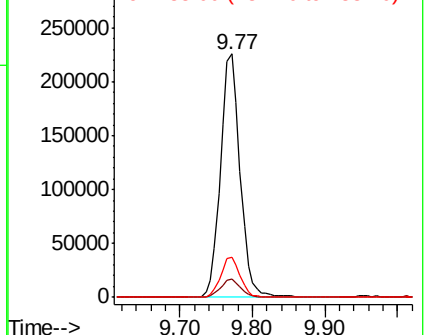
82 100

95 7.4 5.8 8.8

138 16.4 12.9 19.3



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



#26

2-Nitrophenol

Concen: 52.917 ng

RT: 9.96 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

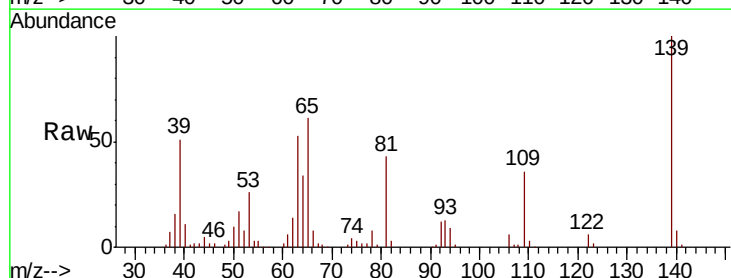
Tgt Ion: 139 Resp: 98094

Ion Ratio Lower Upper

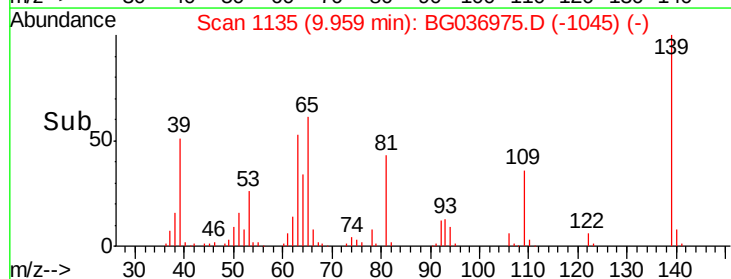
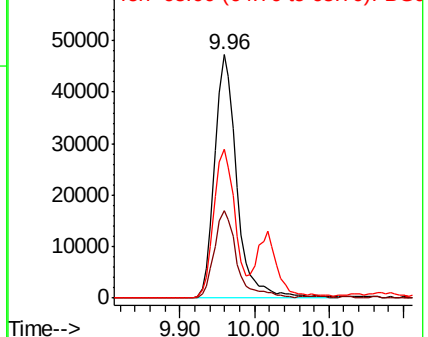
139 100

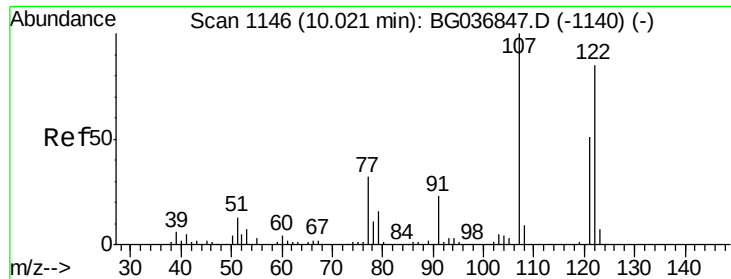
109 36.1 27.4 41.0

65 61.0 47.8 71.6



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

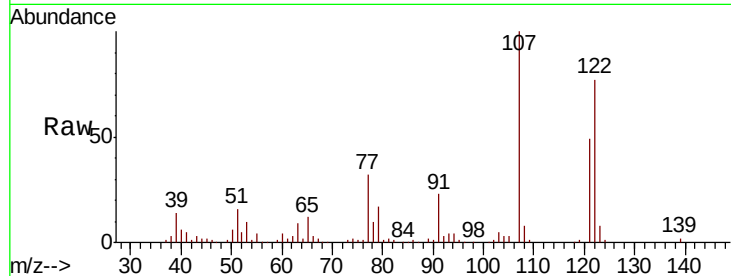




#27
2,4-Dimethylphenol
Concen: 56.327 ng
RT: 10.02 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.2	96.0	144.0
121	63.4	48.2	72.4

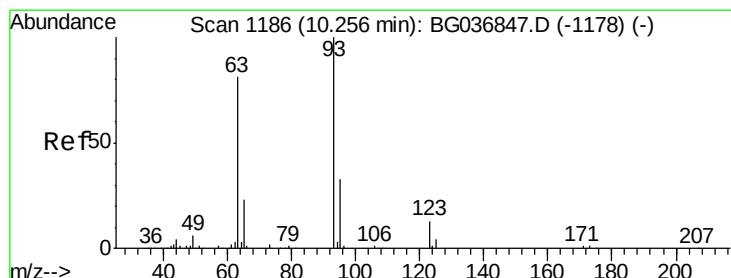
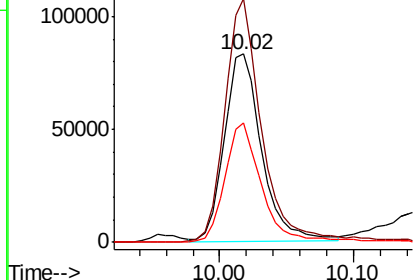
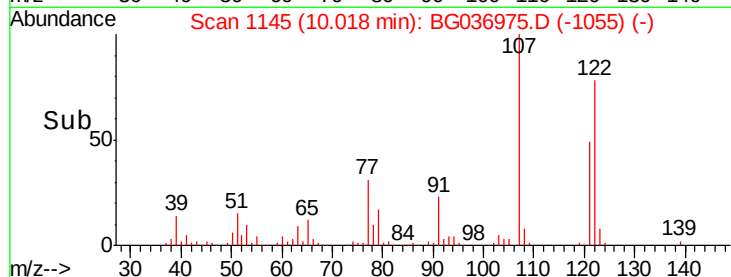


Abundance

Ion 122.00 (121.70 to 122.70): E

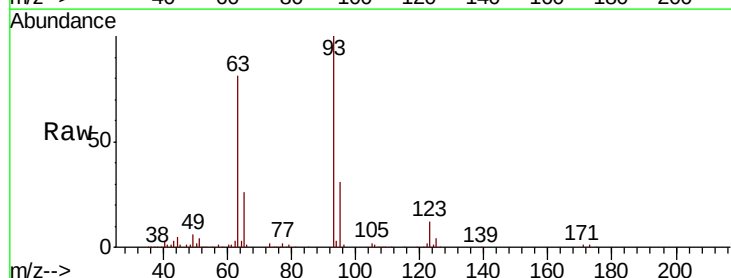
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 48.754 ng
RT: 10.25 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	25.2	37.8
123	11.8	8.6	12.8

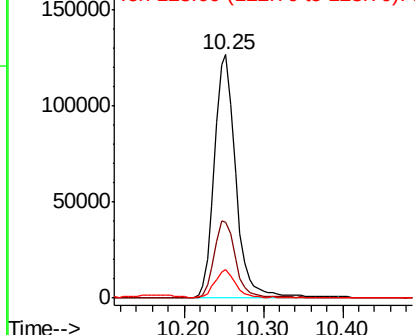
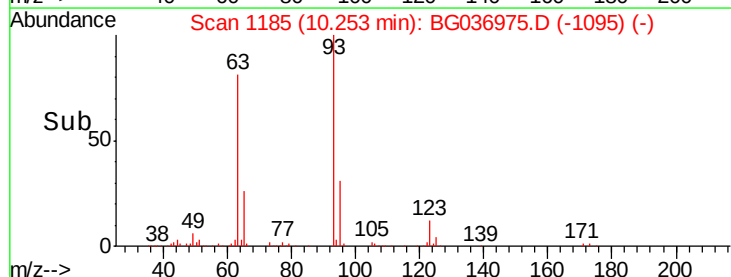


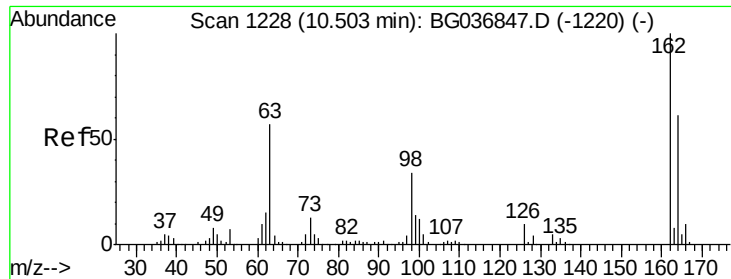
Abundance

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

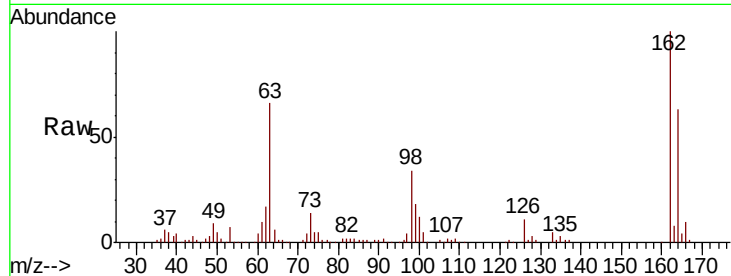




#29
 2,4-Dichlorophenol
 Concen: 53.181 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG036975.D
 Acq: 26 Sep 2018 8:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	47.6	87.6
98	34.4	19.2	59.2

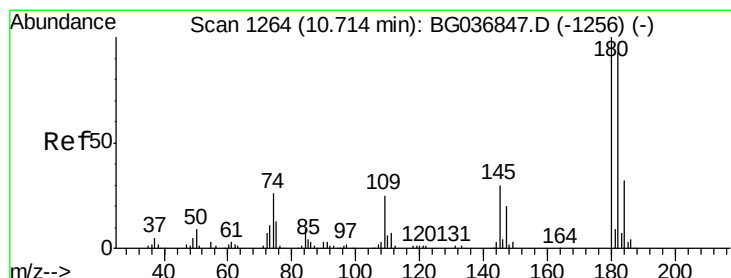
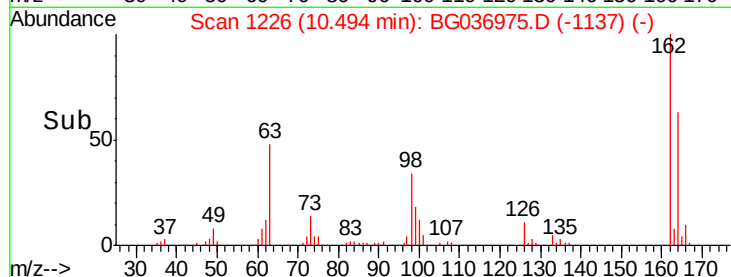
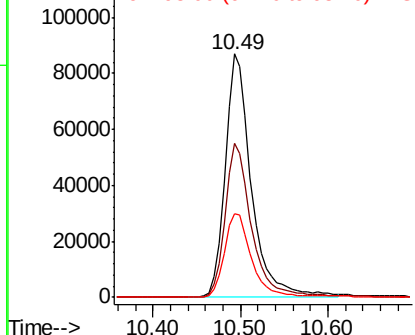


Abundance

Ion 162.00 (161.70 to 162.70): E

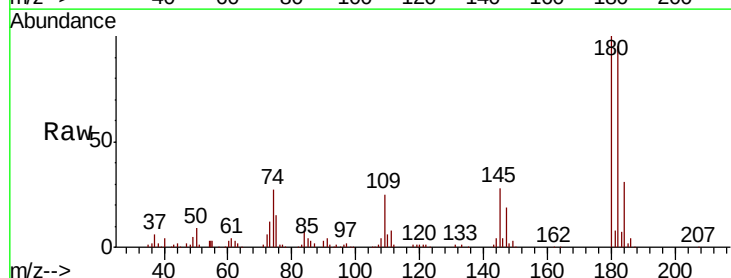
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30
 1,2,4-Trichlorobenzene
 Concen: 46.222 ng
 RT: 10.71 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BG036975.D
 Acq: 26 Sep 2018 8:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.0	114.0
145	28.4	22.9	34.3

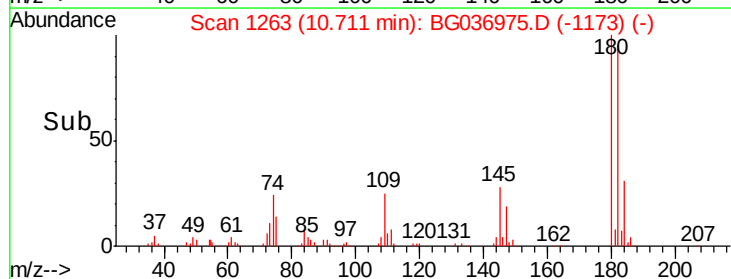
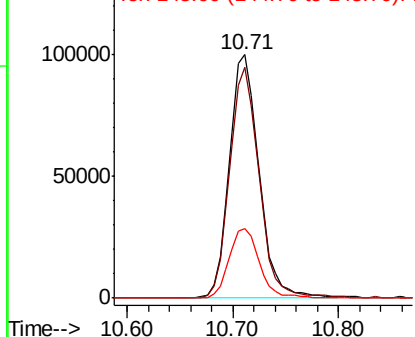


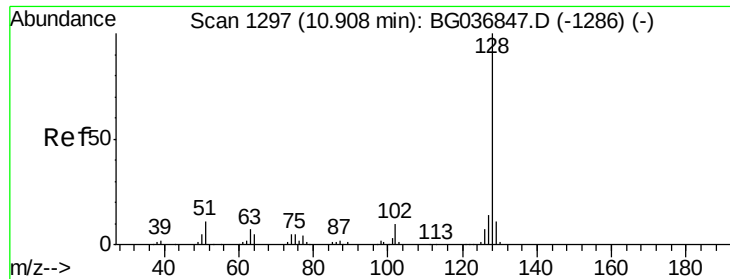
Abundance

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

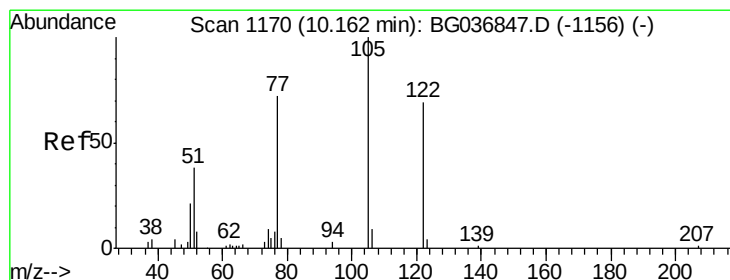
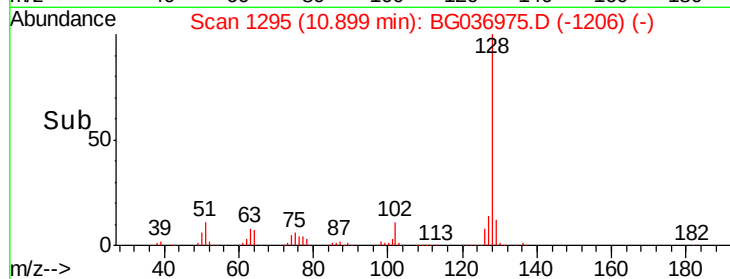
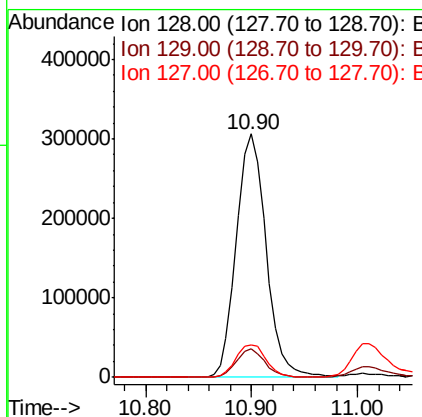
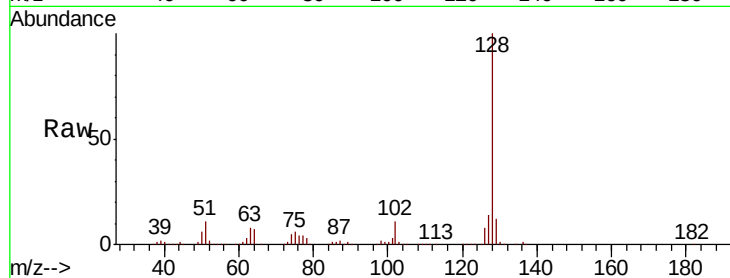




#31
Naphthalene
Concen: 54.360 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

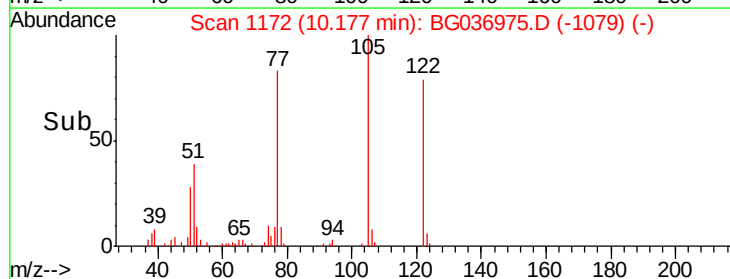
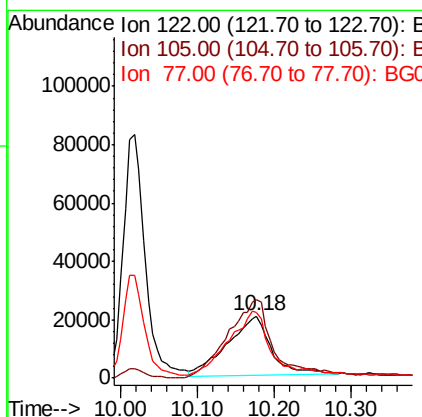
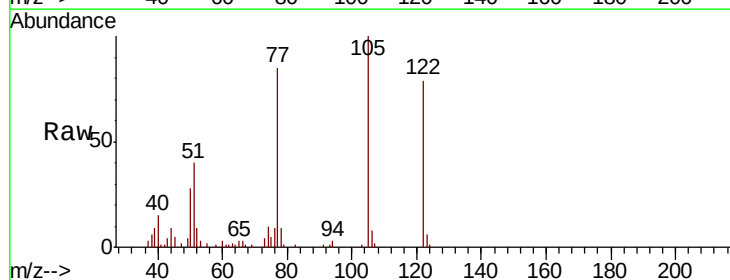
Instrument :
BNA_F
ClientSampleId :

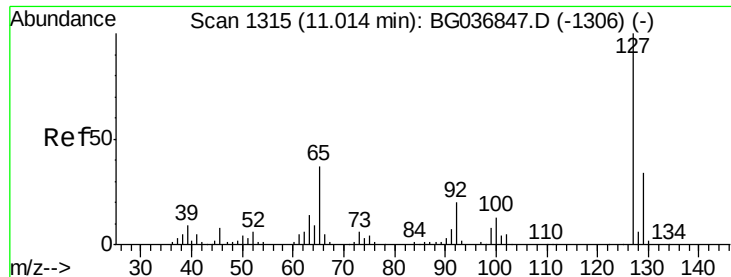
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	13.5	11.0	16.4



#32
Benzoic acid
Concen: 37.252 ng
RT: 10.18 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.1	108.1	148.1
77	106.6	76.3	116.3

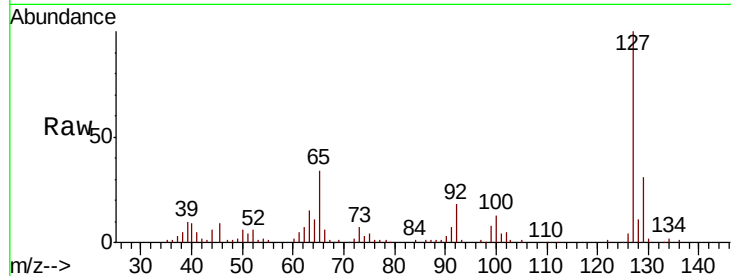




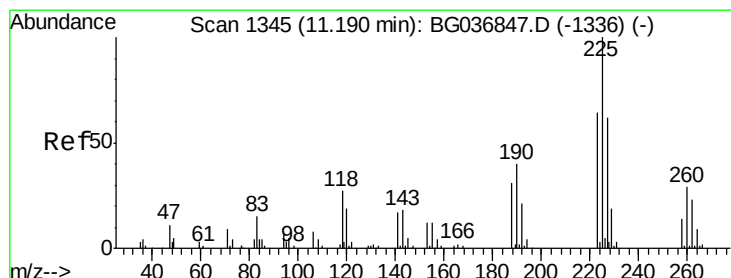
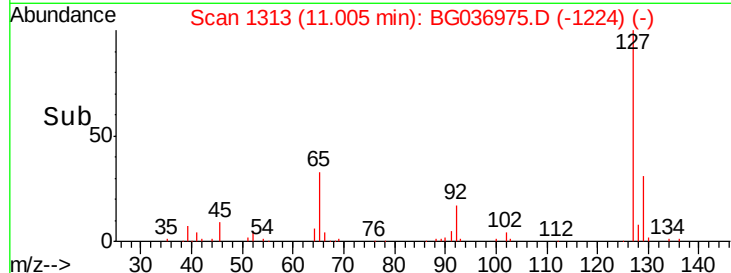
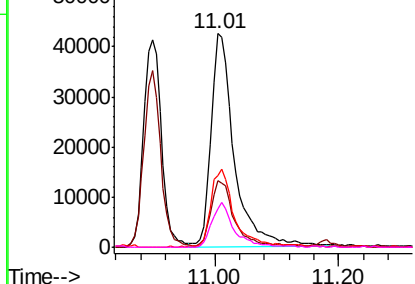
#33
4-Chloroaniline
Concen: 21.634 ng
RT: 11.01 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	109151
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.9	38.9
65	33.7	27.5	41.3
92	17.8	16.2	24.2

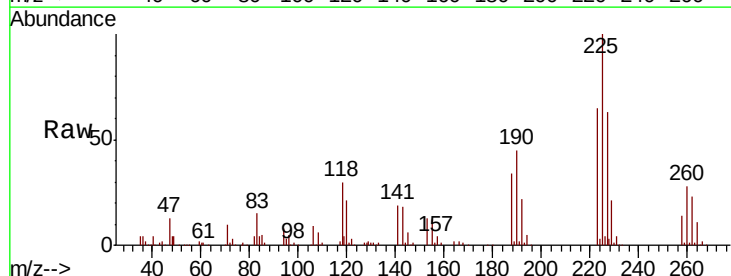


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

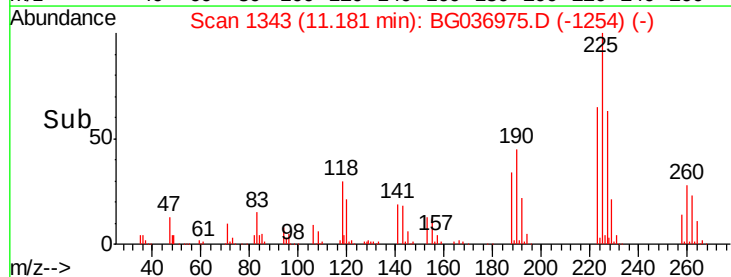
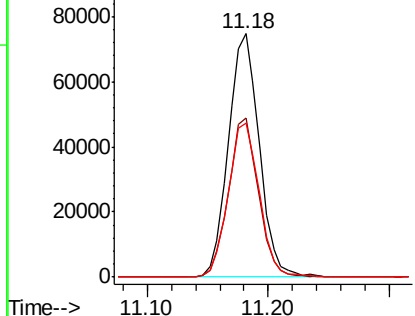


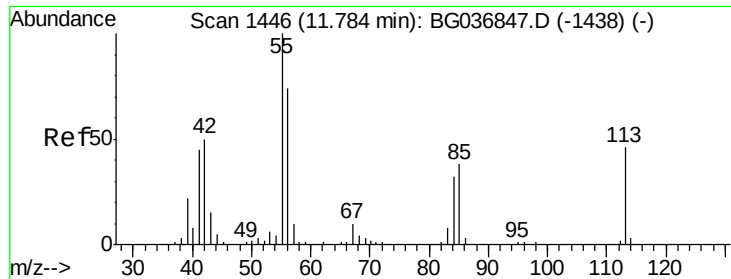
#34
Hexachlorobutadiene
Concen: 45.868 ng
RT: 11.18 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Tgt Ion:	225	Resp:	132877
Ion	Ratio	Lower	Upper
225	100		
223	65.1	51.8	77.8
227	63.3	49.8	74.6



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





#35

Caprolactam

Concen: 23.452 ng

RT: 11.80 min Scan# 1448

Delta R.T. 0.01 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

Instrument :

BNA_F

ClientSampled :

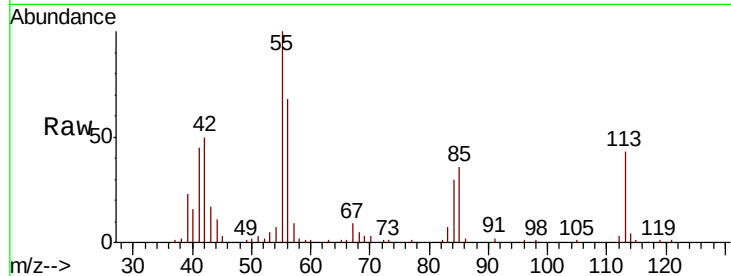
Tot Ion:113 Resp: 32311

Ion Ratio Lower Upper

113 100

55 231.1 197.7 237.7

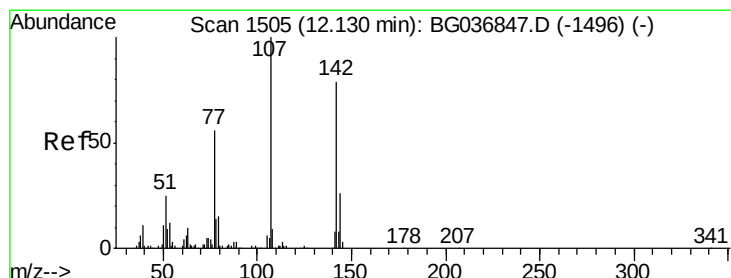
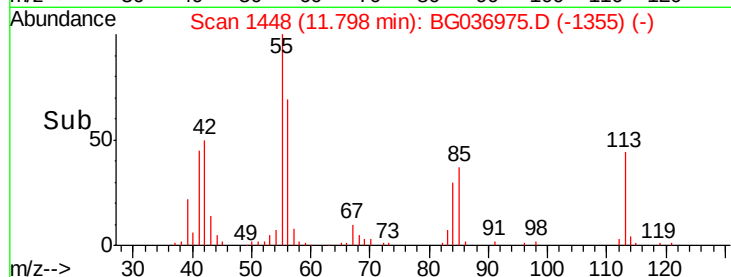
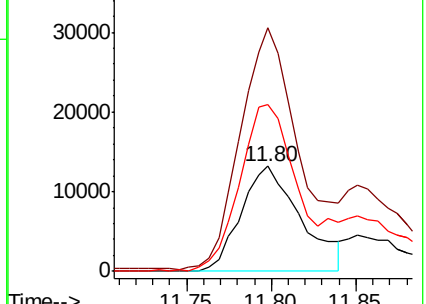
56 158.2 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 50.327 ng

RT: 12.12 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

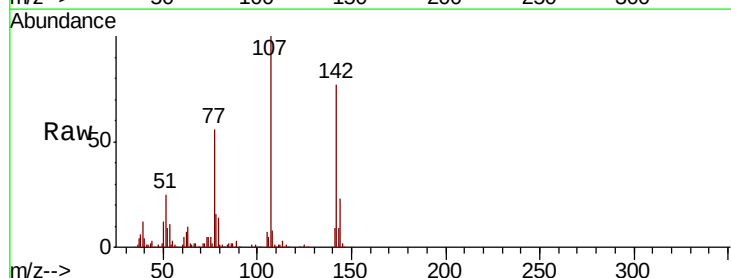
Tgt Ion:107 Resp: 201009

Ion Ratio Lower Upper

107 100

144 23.1 19.5 29.3

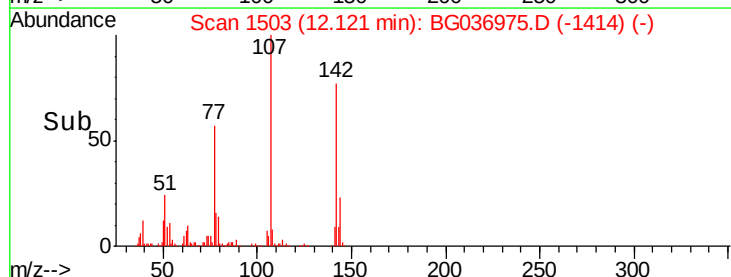
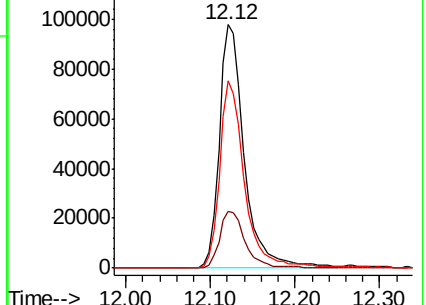
142 77.0 62.4 93.6

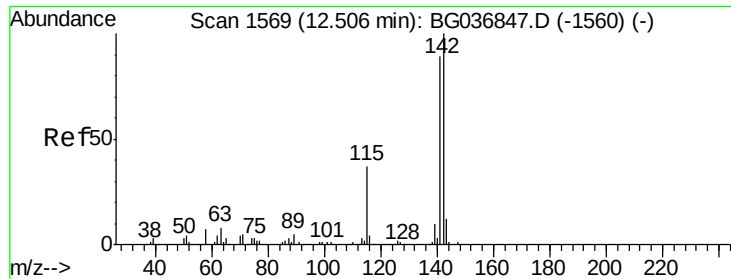


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

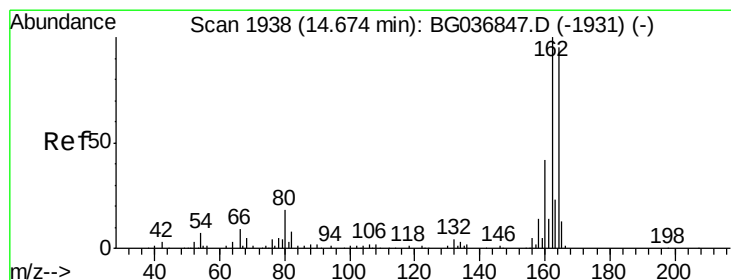
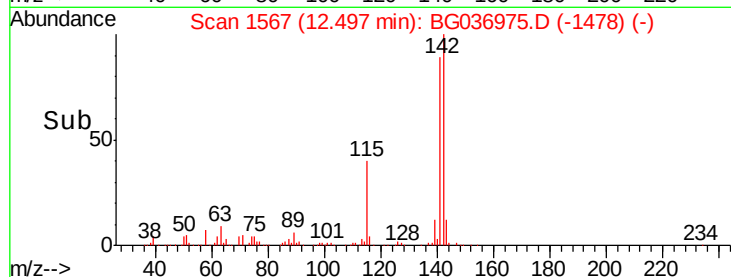
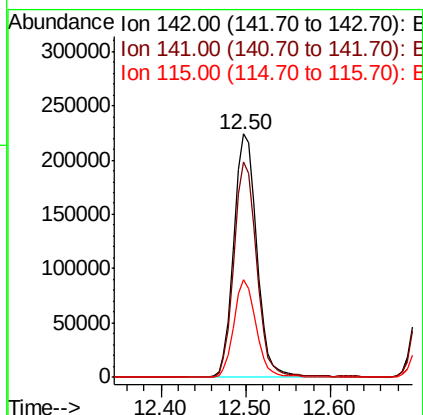
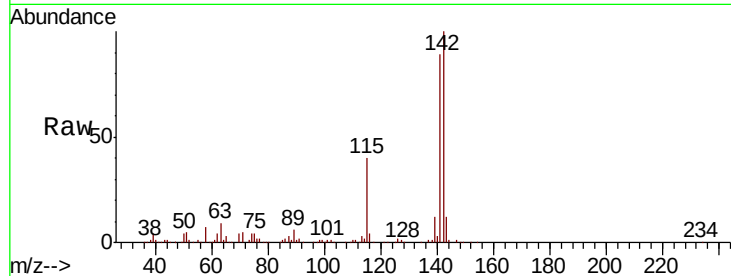




#37
2-Methylnaphthalene
Concen: 49.558 ng
RT: 12.50 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

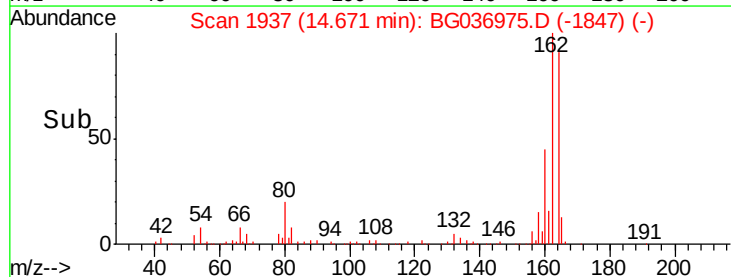
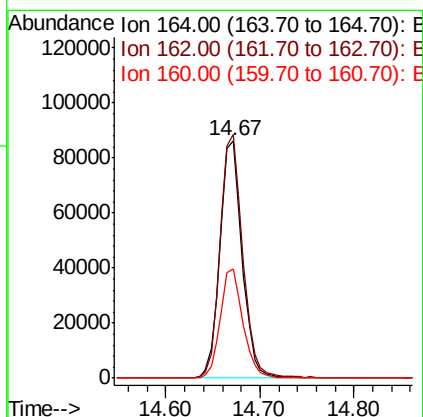
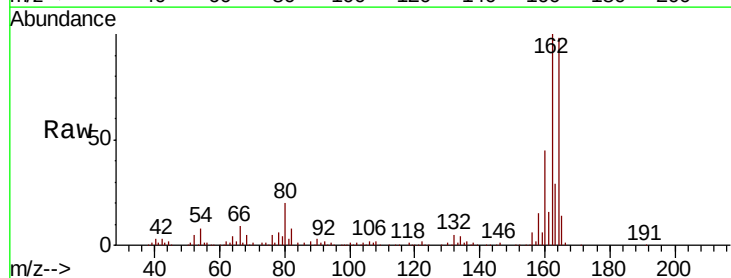
Instrument :
BNA_F
ClientSampled :

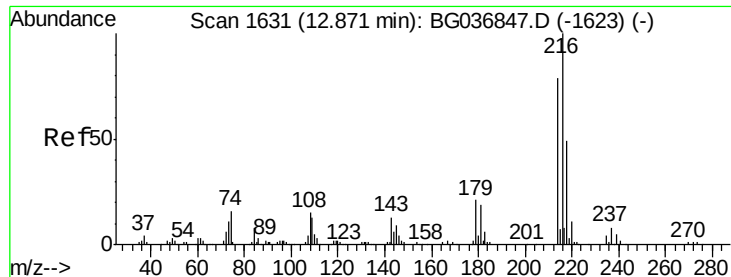
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	68.5	102.7
115	39.9	29.8	44.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.7	121.1
160	45.8	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.276 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 235080

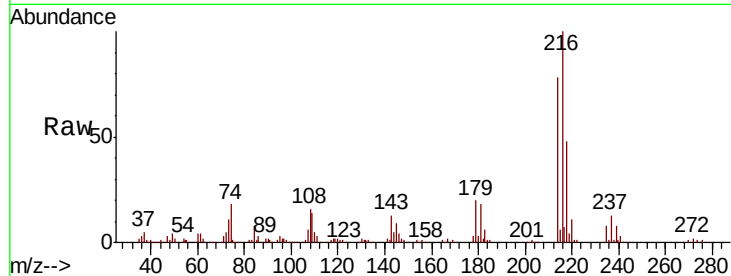
Ion Ratio Lower Upper

216 100

214 77.9 61.0 91.6

179 19.5 15.7 23.5

108 19.2 13.1 19.7

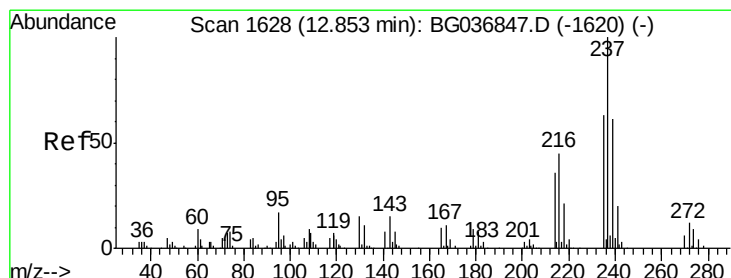
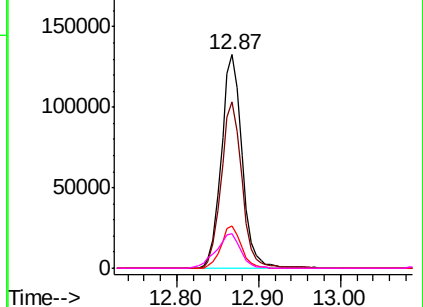
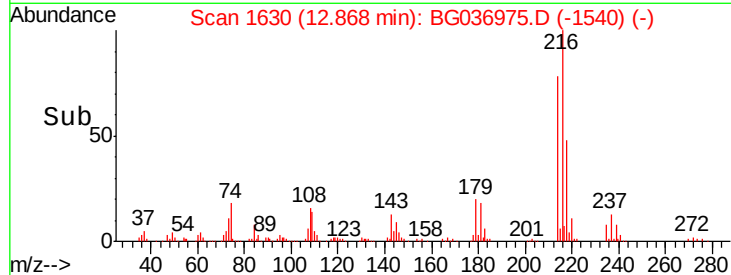


Abundance Ion 216.00 (215.70 to 216.70): E

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: 115.036 ng

RT: 12.84 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

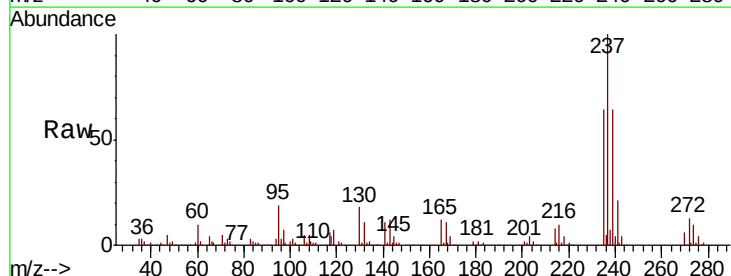
Tgt Ion:237 Resp: 294190

Ion Ratio Lower Upper

237 100

235 63.9 42.2 82.2

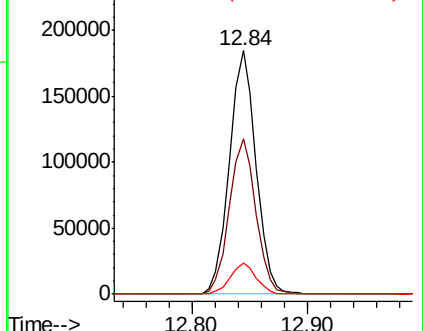
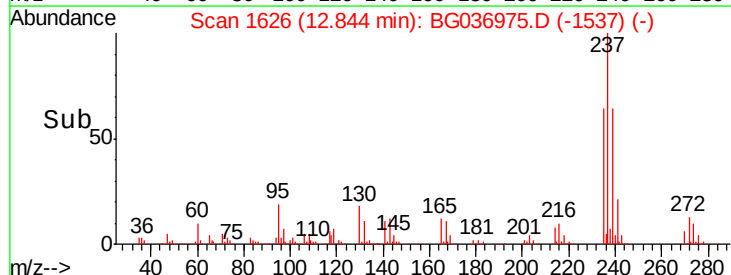
272 12.7 0.0 32.1

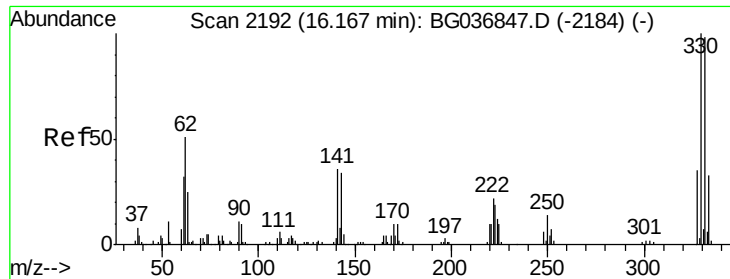


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 127.422 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

Instrument :

BNA_F

ClientSampleId :

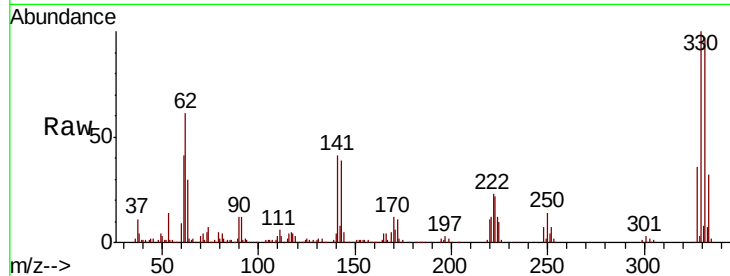
Tot Ion:330 Resp: 217348

Ion Ratio Lower Upper

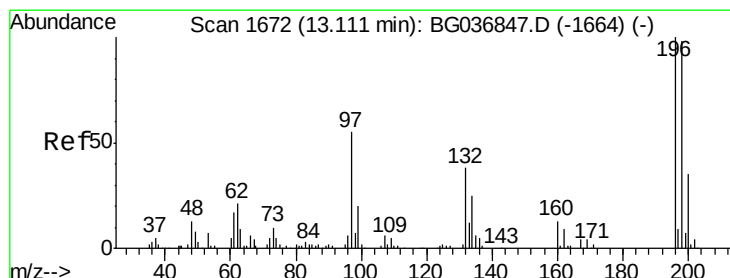
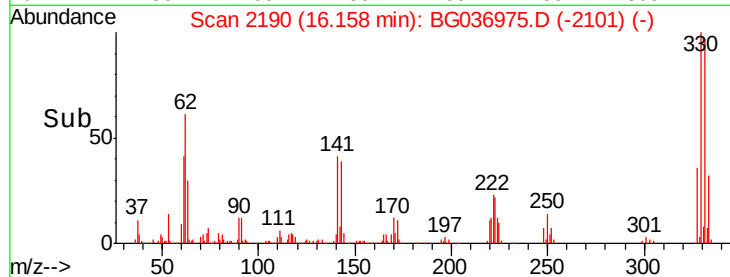
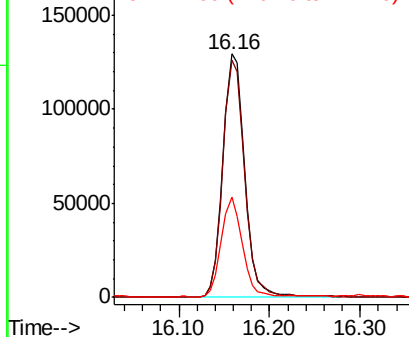
330 100

332 96.9 75.4 113.2

141 39.3 30.7 46.1



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



#42

2,4,6-Trichlorophenol

Concen: 54.678 ng

RT: 13.10 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

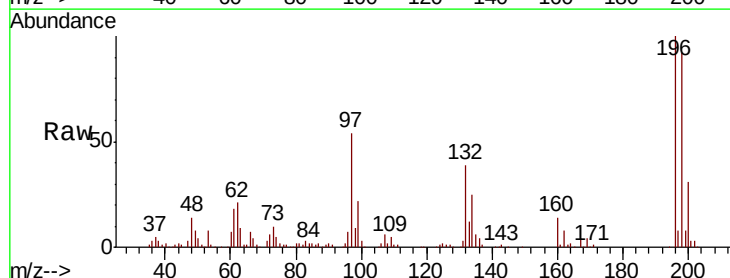
Tgt Ion:196 Resp: 150981

Ion Ratio Lower Upper

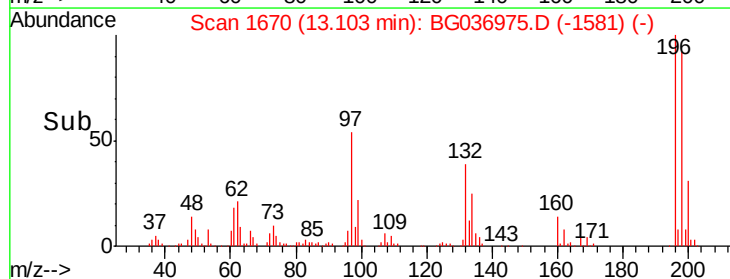
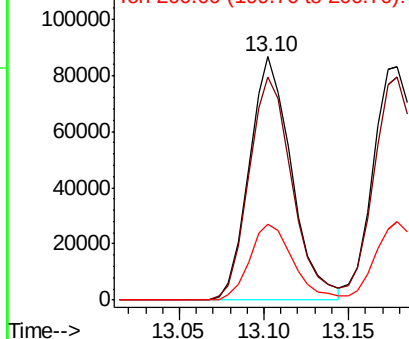
196 100

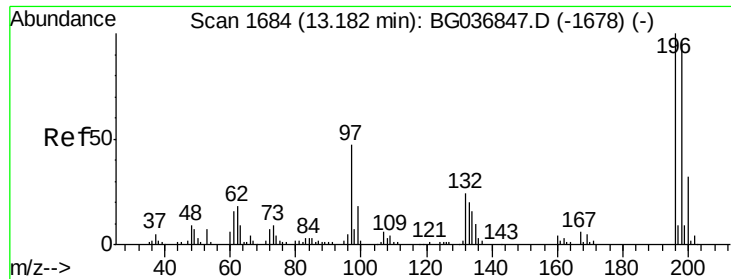
198 91.8 77.2 115.8

200 31.0 26.3 39.5



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

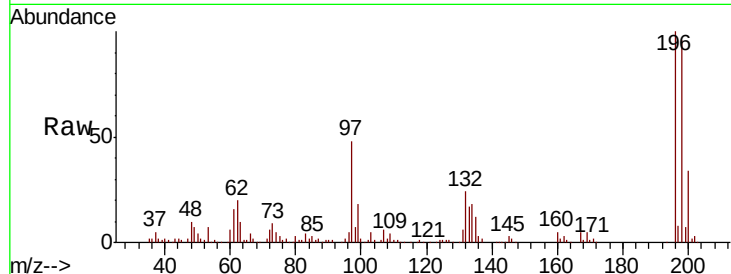




#43
 2,4,5-Trichlorophenol
 Concen: 57.983 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG036975.D
 Acq: 26 Sep 2018 8:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.6	113.4
97	48.1	37.2	55.8
132	24.3	19.4	29.2



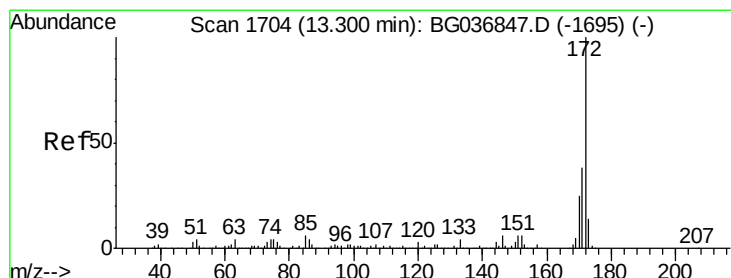
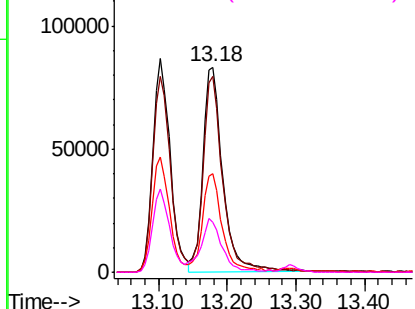
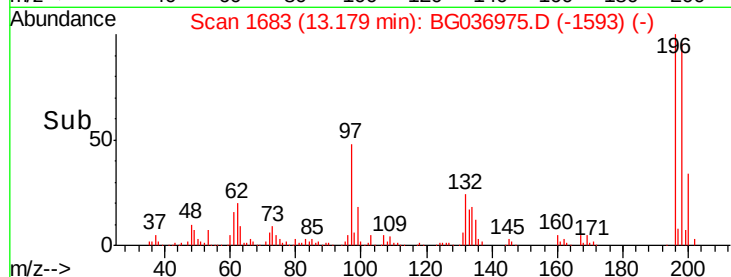
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

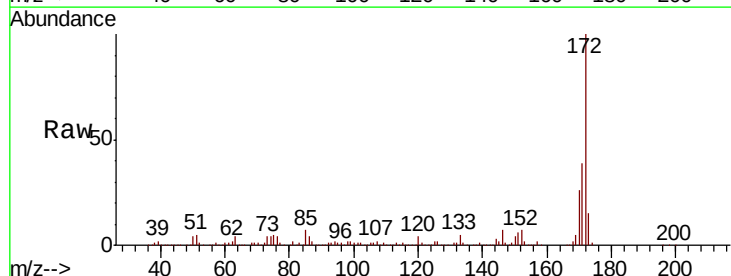
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.463 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036975.D
 Acq: 26 Sep 2018 8:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.3	46.9
170	26.1	21.0	31.6

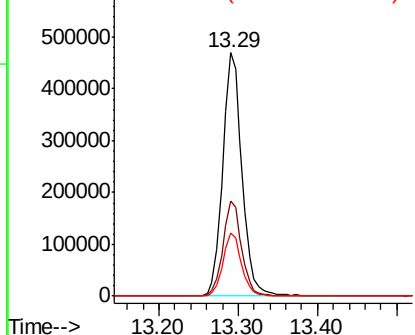
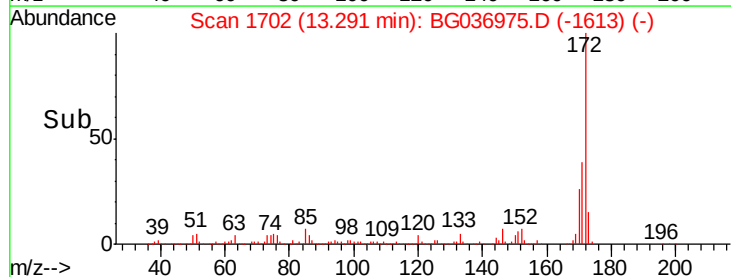


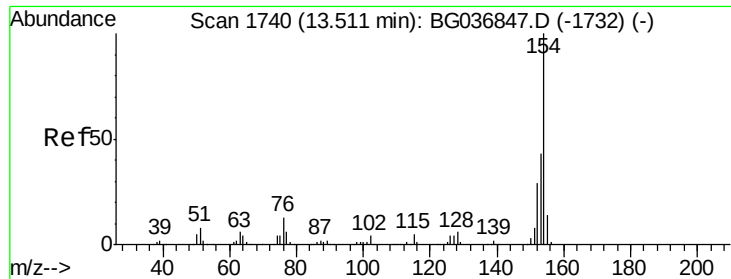
Abundance

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

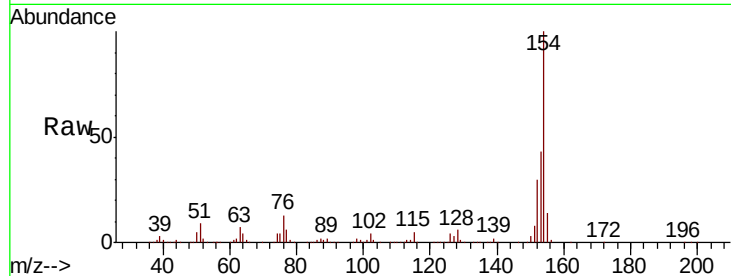




#45
 1,1'-Biphenyl
 Concen: 48.894 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG036975.D
 Acq: 26 Sep 2018 8:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.7	24.0	64.0
76	13.5	0.0	32.9

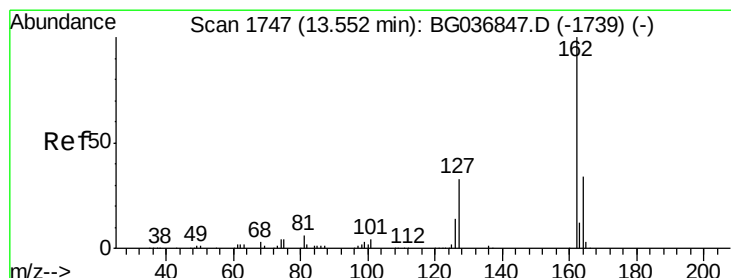
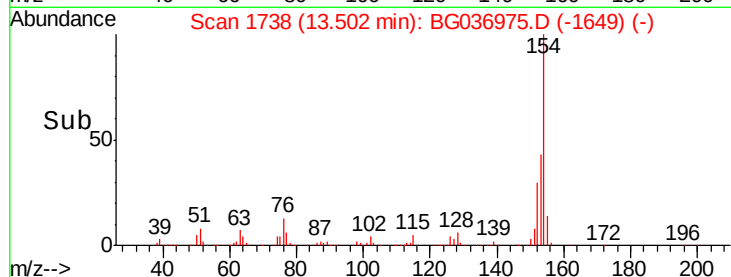
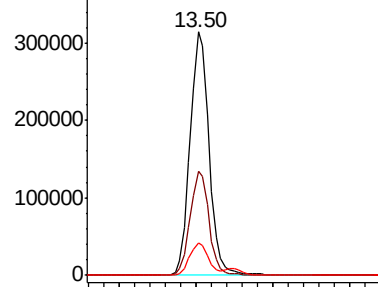


Abundance

Ion 154.00 (153.70 to 154.70): E

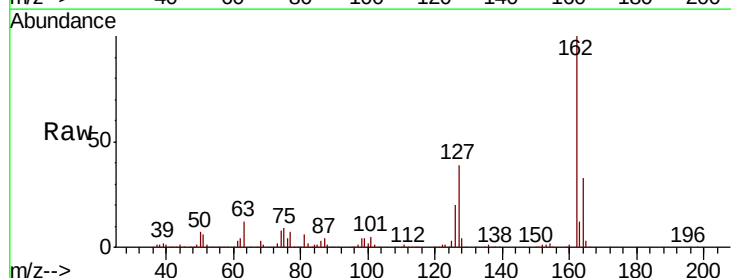
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46
 2-Chloronaphthalene
 Concen: 46.626 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG036975.D
 Acq: 26 Sep 2018 8:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	30.7	46.1
164	33.1	26.7	40.1

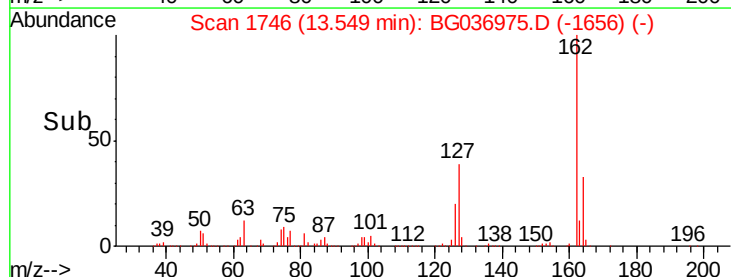
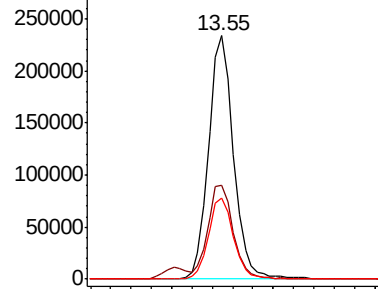


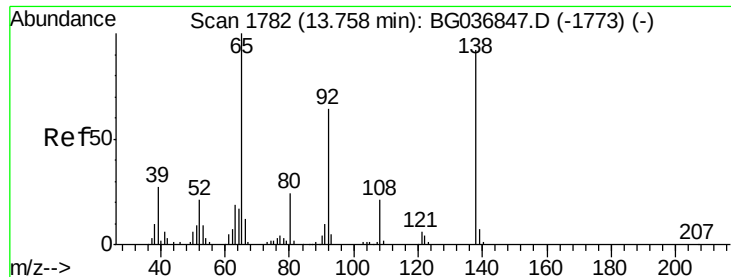
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.409 ng

RT: 13.75 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

Instrument :

BNA_F

ClientSampled :

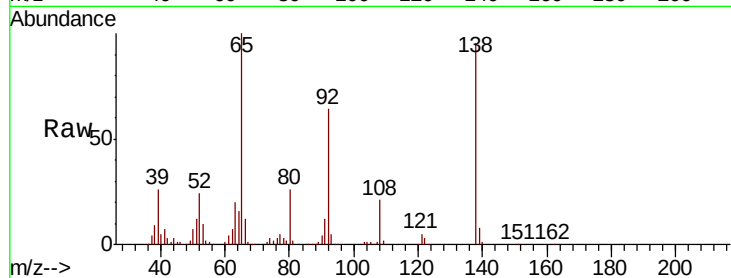
Tot Ion: 65 Resp: 149712

Ion Ratio Lower Upper

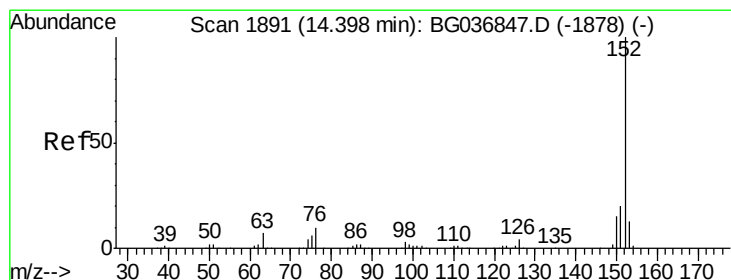
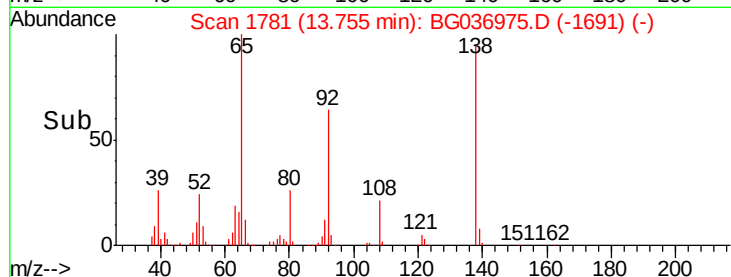
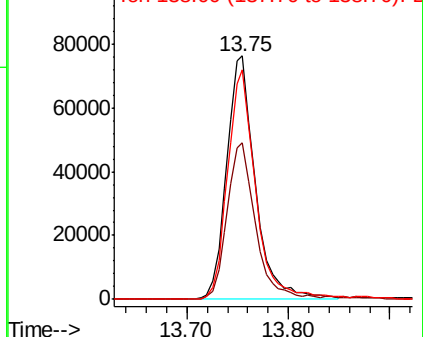
65 100

92 64.1 49.9 74.9

138 94.5 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: 50.370 ng

RT: 14.40 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

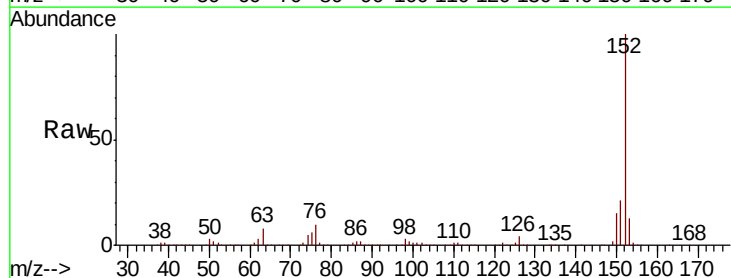
Tgt Ion: 152 Resp: 677739

Ion Ratio Lower Upper

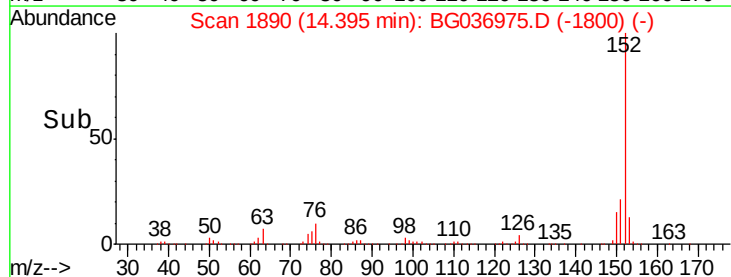
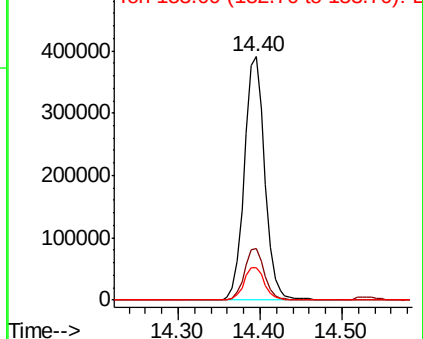
152 100

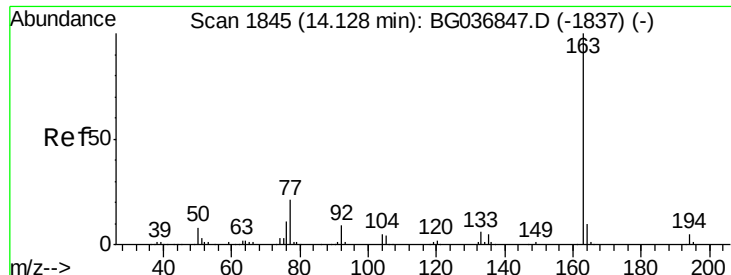
151 21.1 16.9 25.3

153 13.4 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

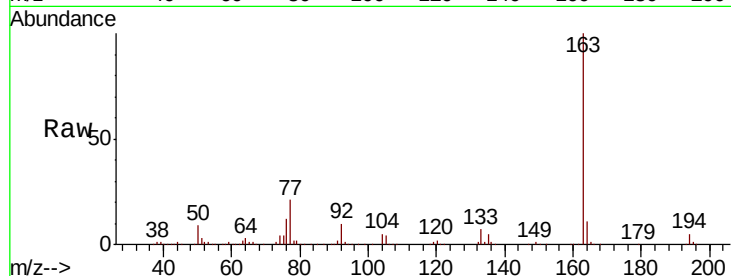




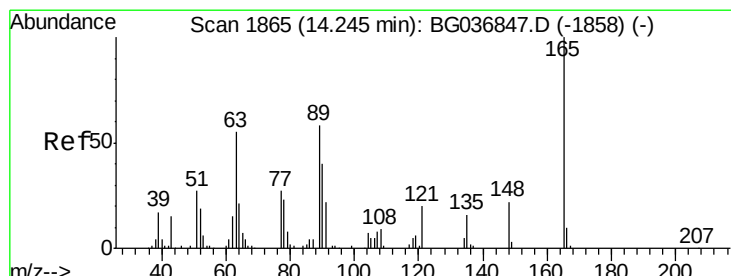
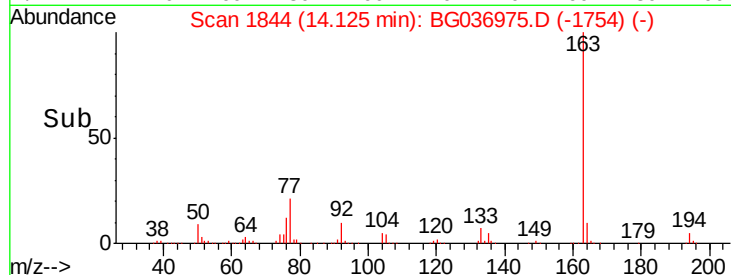
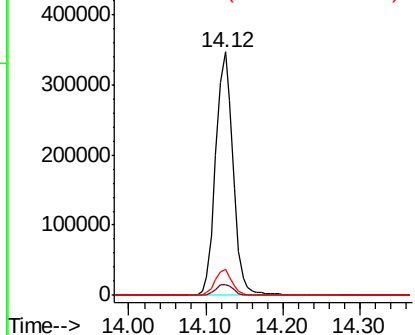
#49
Dimethylphthalate
Concen: 46.959 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	4.0	6.0
164	10.5	8.1	12.1

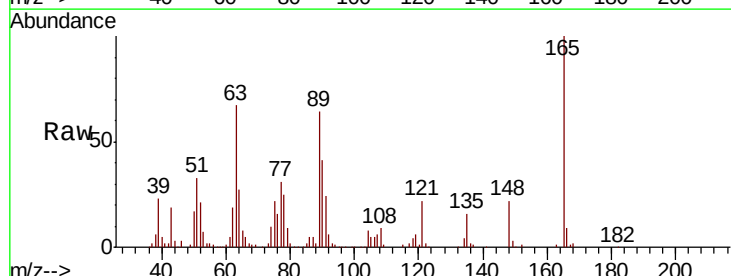


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

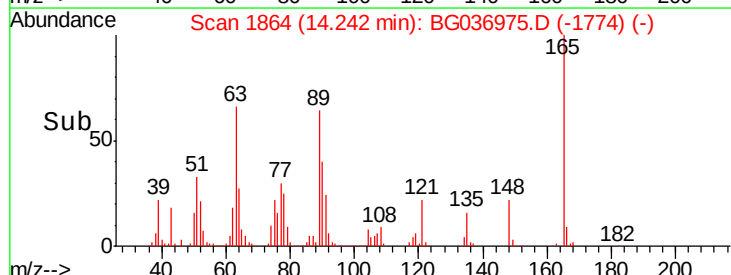
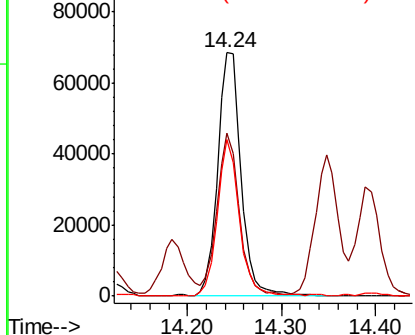


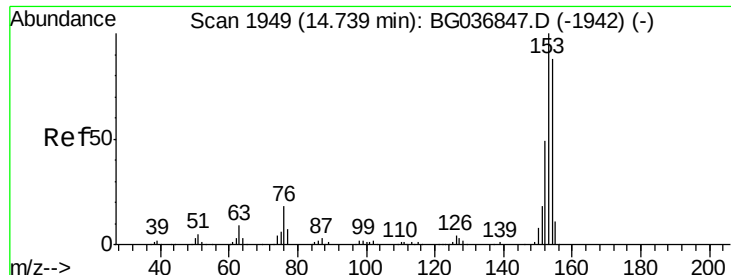
#50
2,6-Dinitrotoluene
Concen: 47.619 ng
RT: 14.24 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.9	50.1	75.1
89	64.1	47.8	71.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 48.078 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

Instrument :

BNA_F

ClientSampleId :

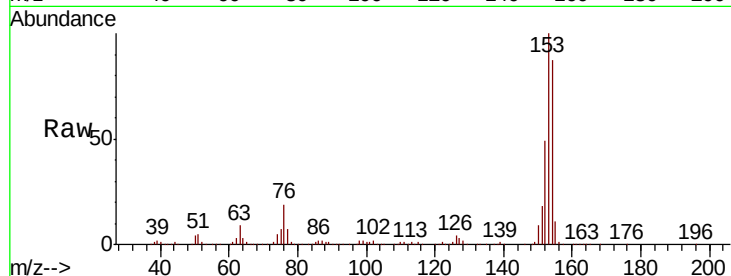
Tot Ion:154 Resp: 390974

Ion Ratio Lower Upper

154 100

153 114.6 91.8 137.6

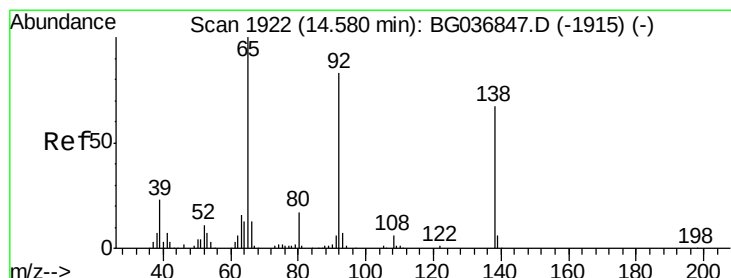
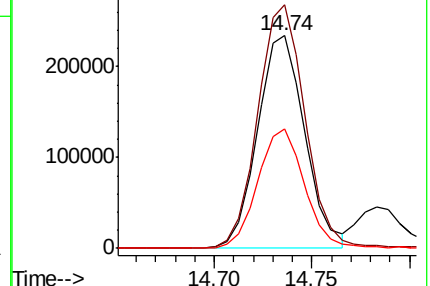
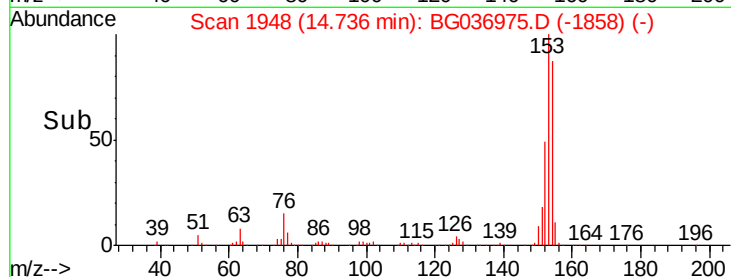
152 56.1 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.617 ng

RT: 14.58 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

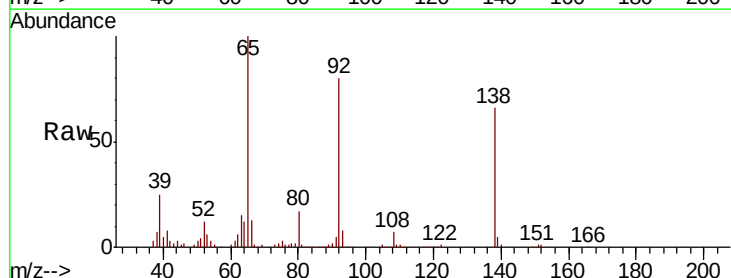
Tgt Ion:138 Resp: 86056

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.2

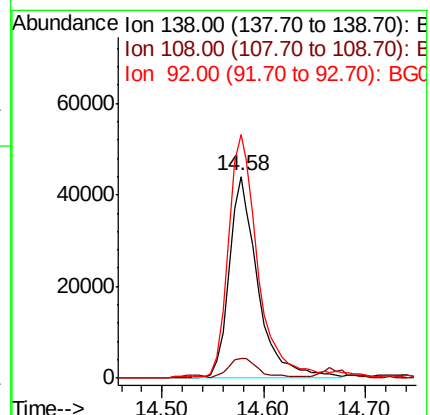
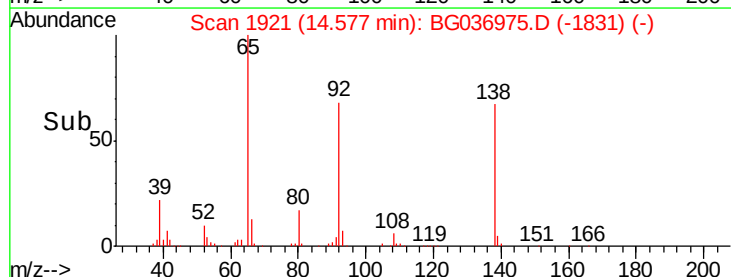
92 120.9 96.8 145.2

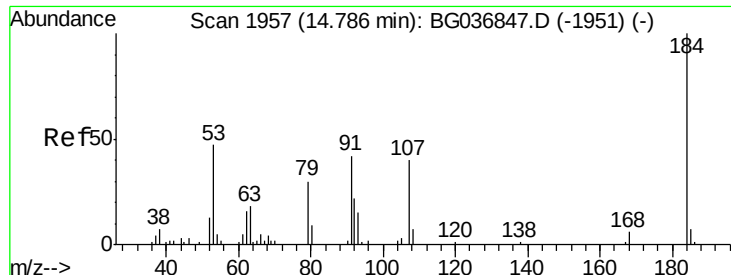


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

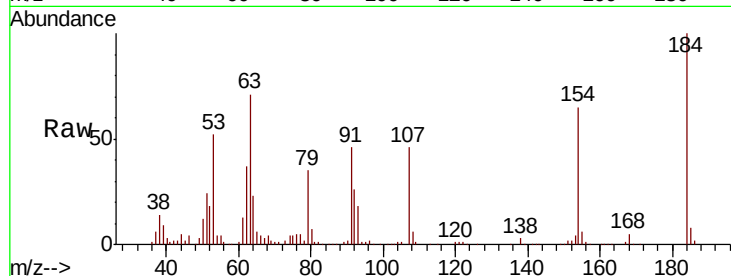




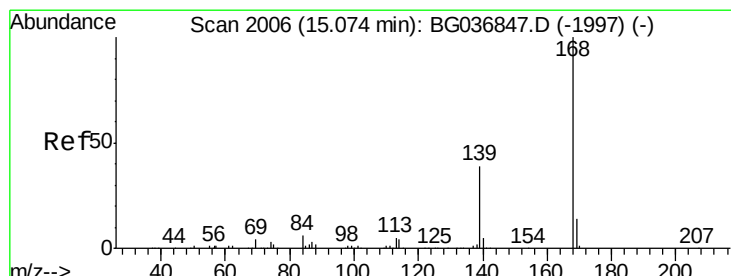
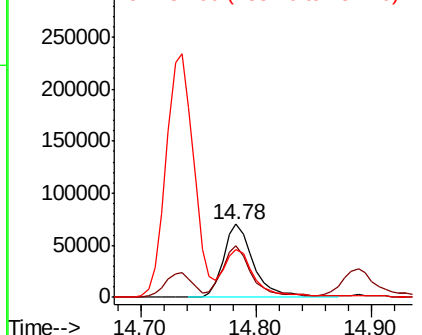
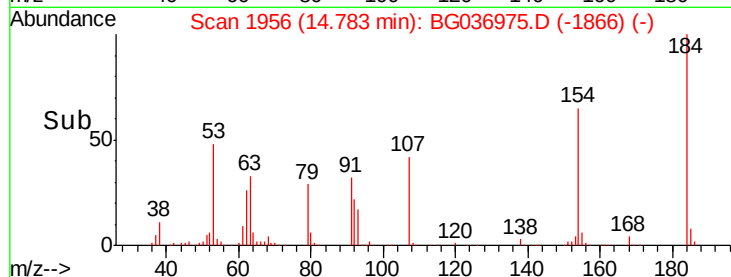
#53
 2,4-Dinitrophenol
 Concen: 106.652 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG036975.D
 Acq: 26 Sep 2018 8:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
184	100		
63	70.8	47.3	70.9
154	65.0	51.1	76.7

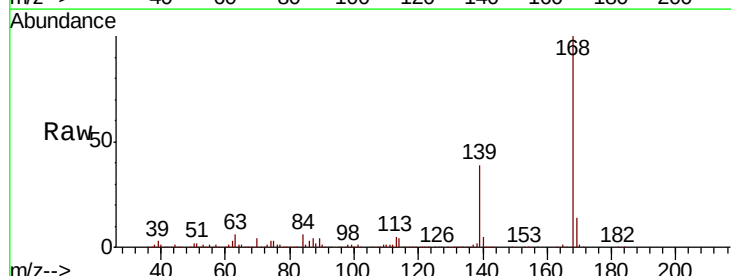


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

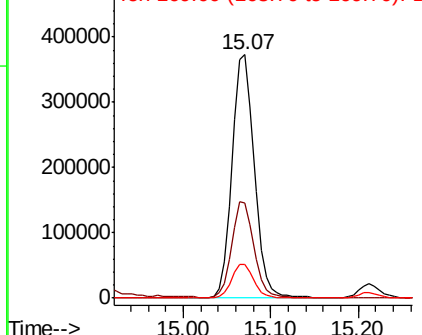
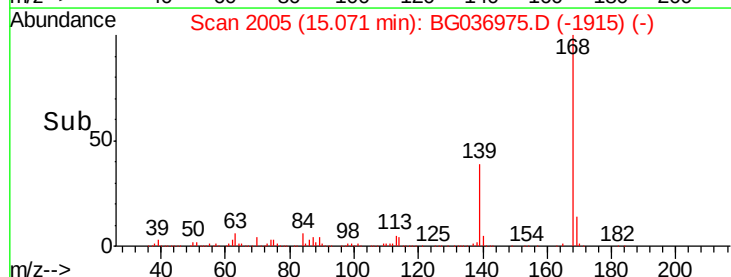


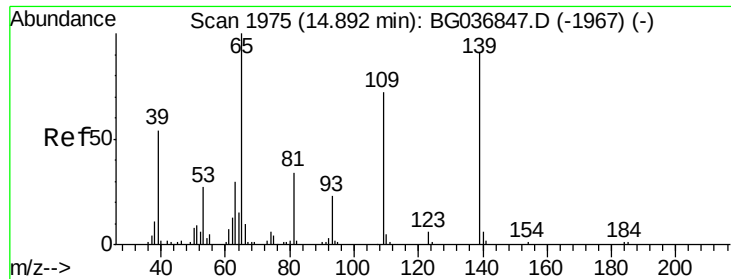
#54
 Dibenzofuran
 Concen: 46.919 ng
 RT: 15.07 min Scan# 2005
 Delta R.T. -0.00 min
 Lab File: BG036975.D
 Acq: 26 Sep 2018 8:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	31.0	46.6
169	13.9	11.1	16.7



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

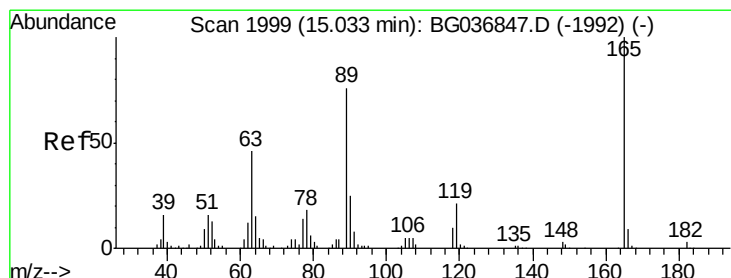
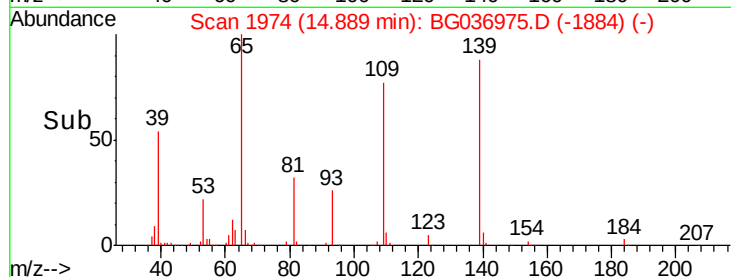
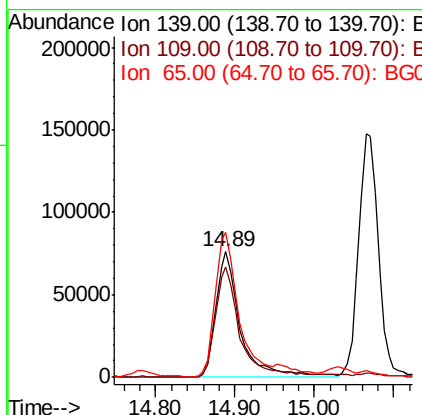
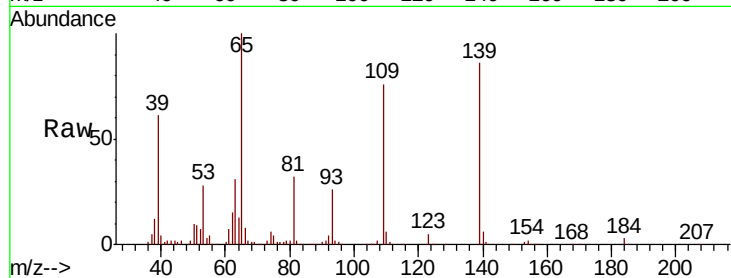




#55
4-Nitrophenol
Concen: 97.315 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

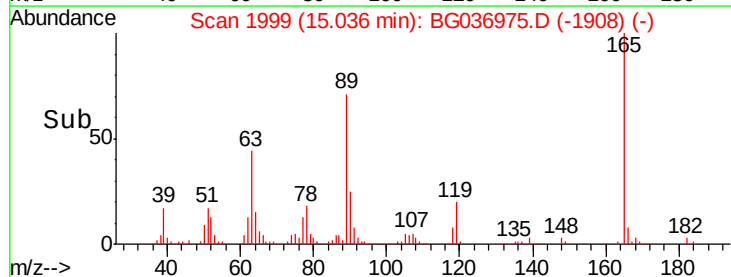
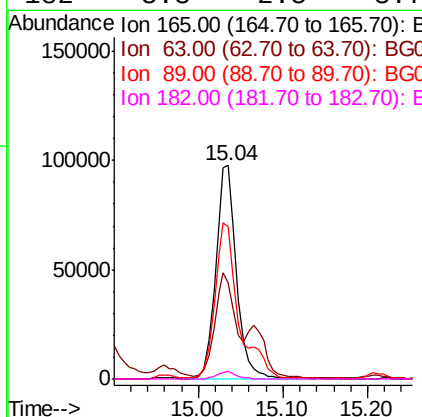
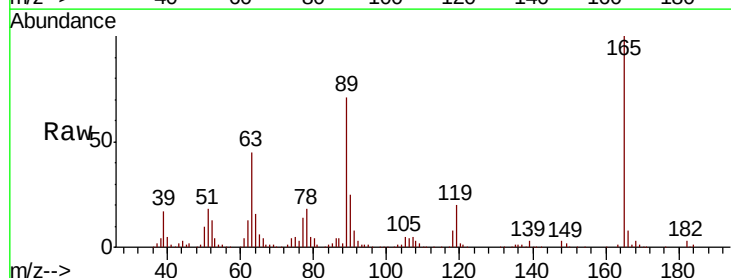
Instrument :
BNA_F
ClientSampled :

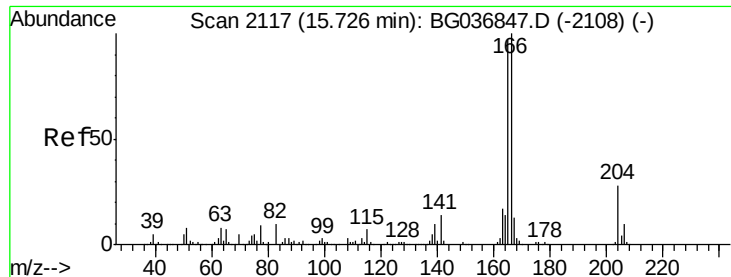
Tot Ion:139 Resp: 164026
Ion Ratio Lower Upper
139 100
109 88.2 63.9 103.9
65 115.8 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 48.267 ng
RT: 15.04 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Tgt Ion:165 Resp: 168633
Ion Ratio Lower Upper
165 100
63 44.8 40.1 60.1
89 71.1 63.7 95.5
182 3.3 2.5 3.7

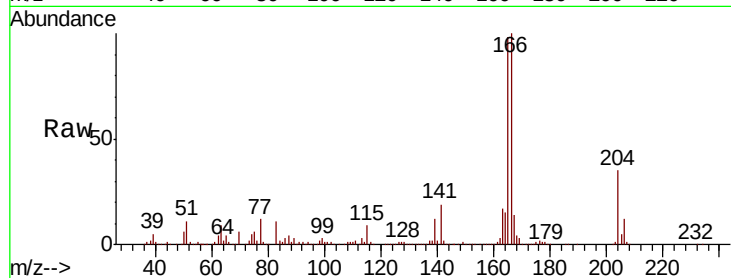




#57
 Fluorene
 Concen: 49.827 ng
 RT: 15.72 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BG036975.D
 Acq: 26 Sep 2018 8:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.0	115.4
167	14.3	10.6	16.0

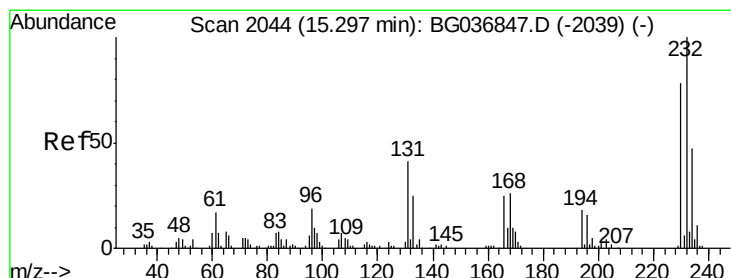
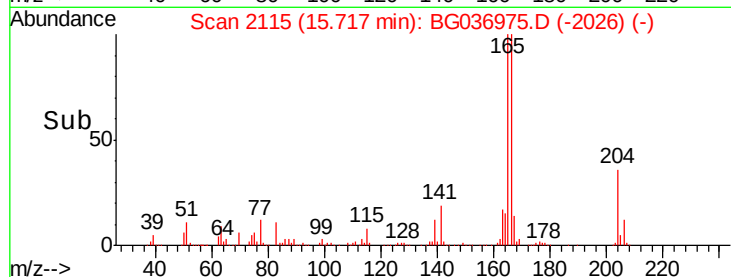
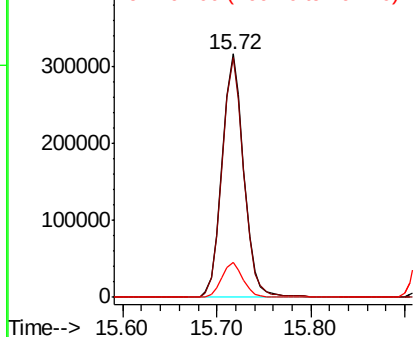


Abundance

Ion 166.00 (165.70 to 166.70): E

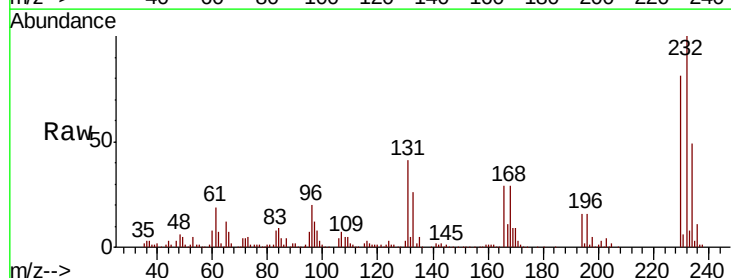
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.447 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BG036975.D
 Acq: 26 Sep 2018 8:32

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.7	33.8	50.8
130	2.6	2.1	3.1
166	28.6	22.3	33.5



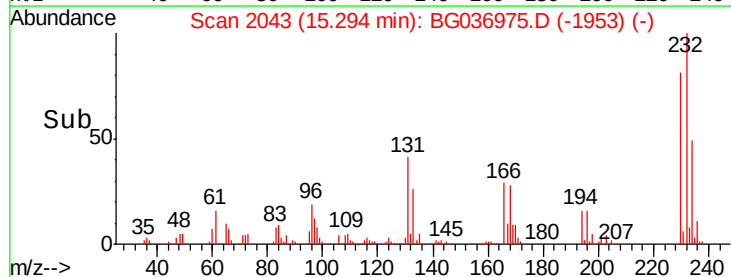
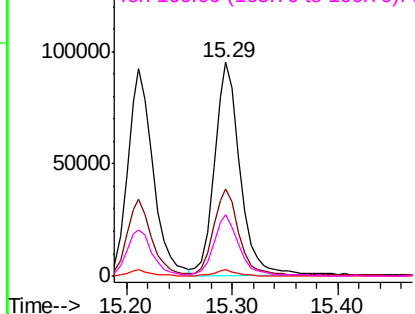
Abundance

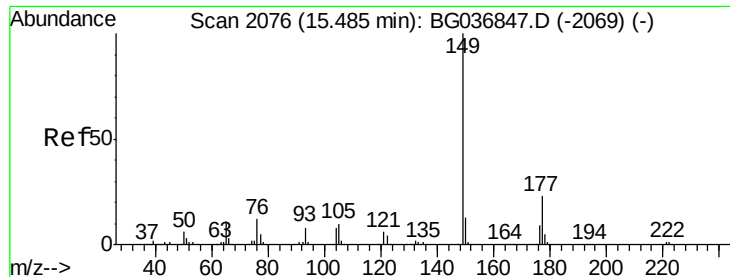
Ion 232.00 (231.70 to 232.70): E

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

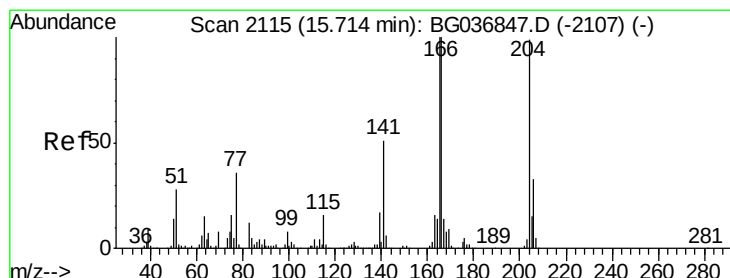
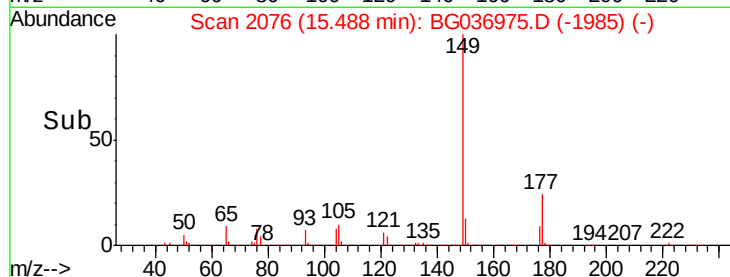
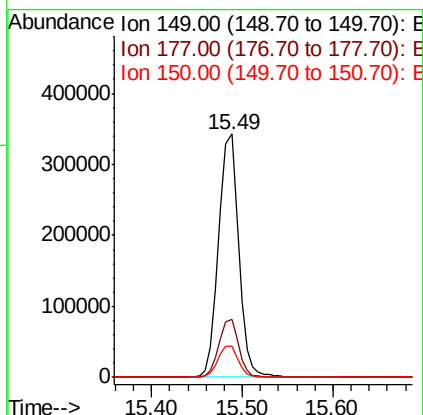
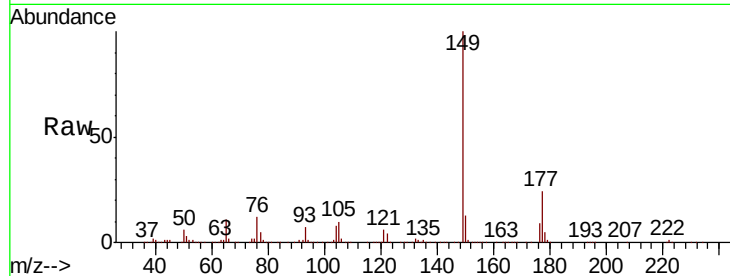




#59
Diethylphthalate
Concen: 45.706 ng
RT: 15.49 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

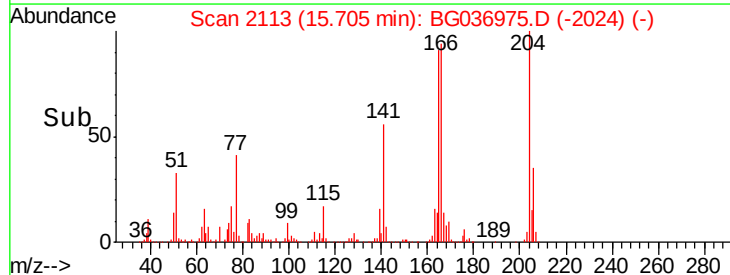
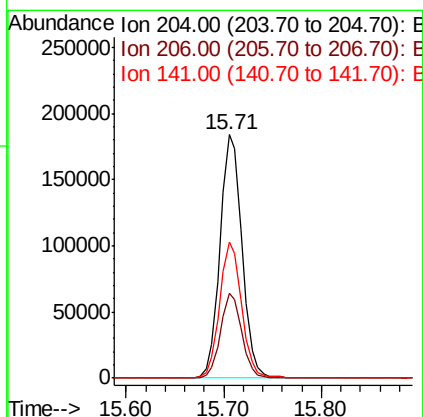
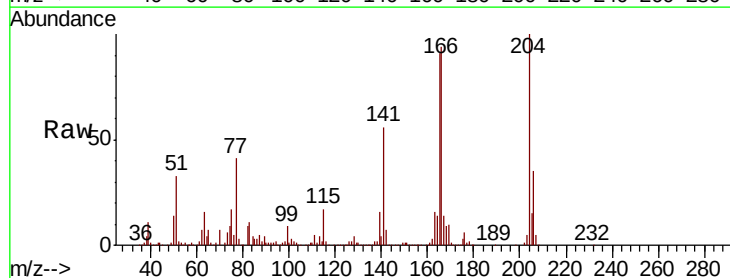
Instrument :
BNA_F
ClientSampled :

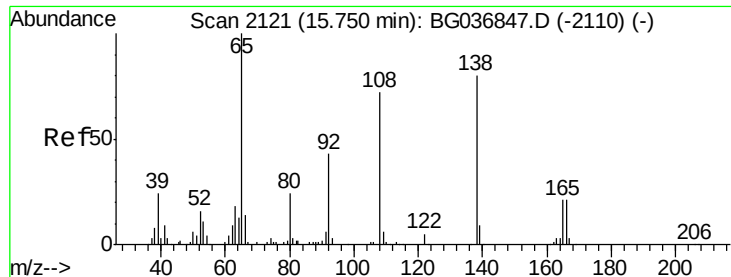
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.1	28.7
150	13.0	10.7	16.1



#60
4-Chlorophenyl-phenylether
Concen: 44.061 ng
RT: 15.71 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.7	27.0	40.4
141	56.0	43.8	65.6

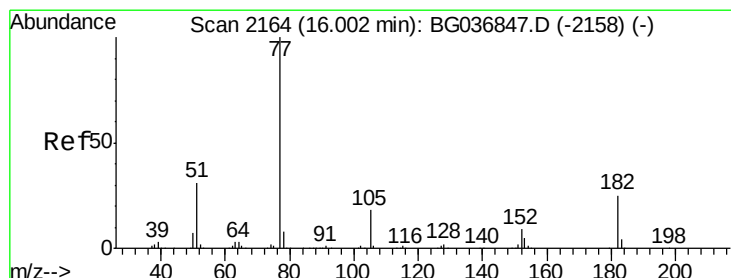
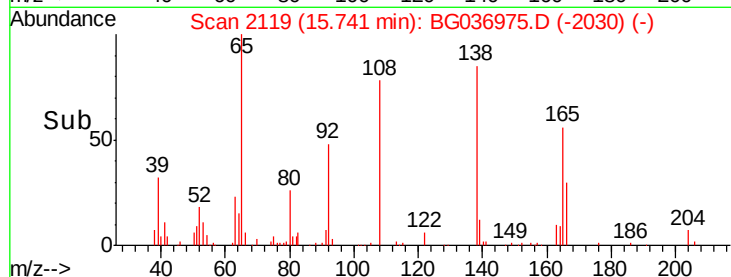
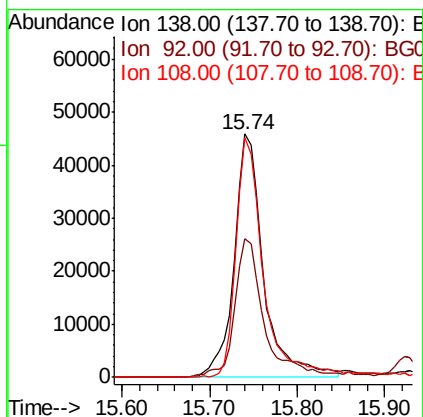
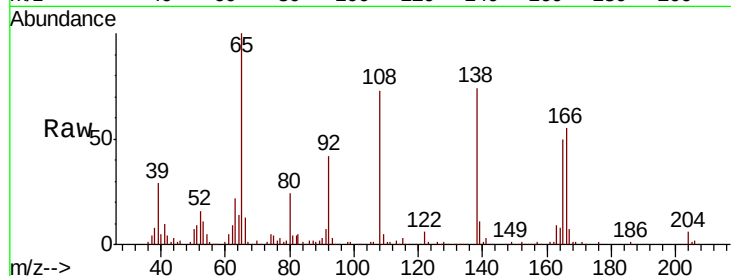




#61
4-Nitroaniline
Concen: 37.458 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

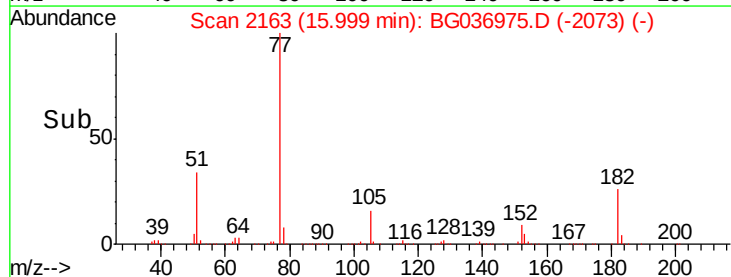
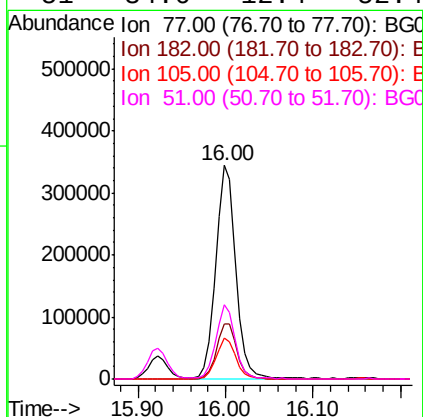
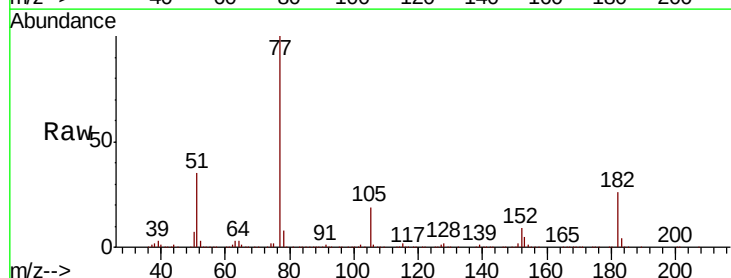
Instrument :
BNA_F
ClientSampled :

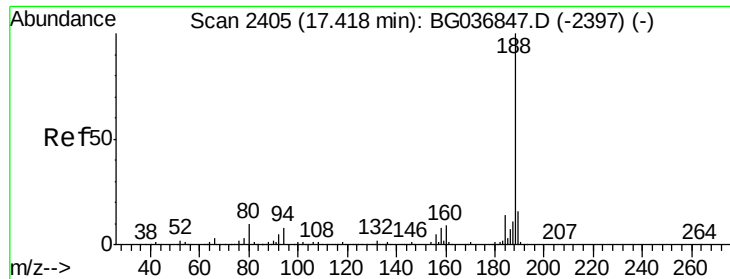
Tot Ion:138 Resp: 103954
Ion Ratio Lower Upper
138 100
92 56.8 38.5 78.5
108 98.2 70.3 110.3



#62
Azobenzene
Concen: 48.971 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Tgt Ion: 77 Resp: 544622
Ion Ratio Lower Upper
77 100
182 25.6 6.7 46.7
105 19.0 0.0 39.8
51 34.6 12.4 52.4

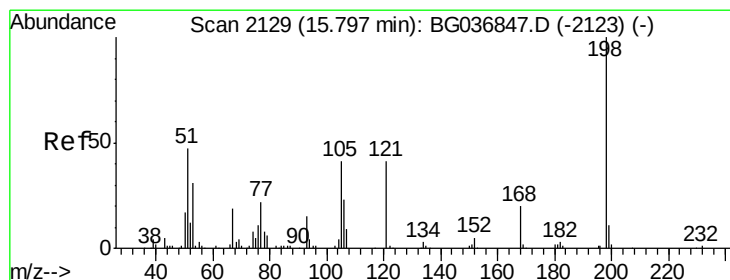
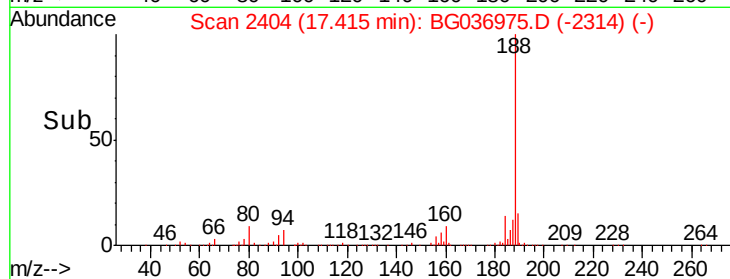
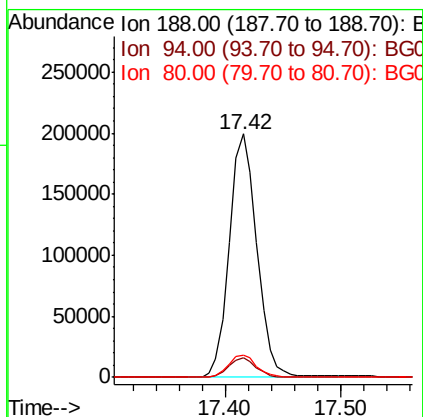
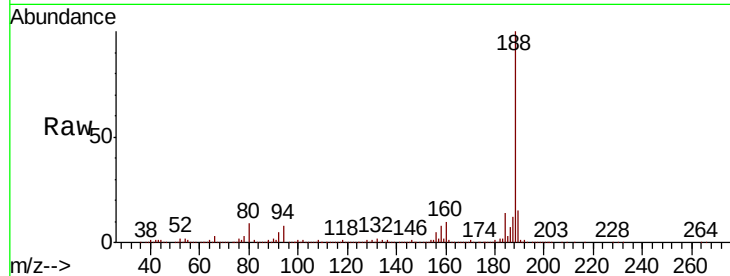




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

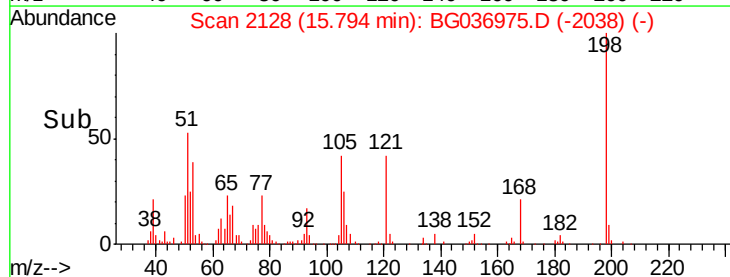
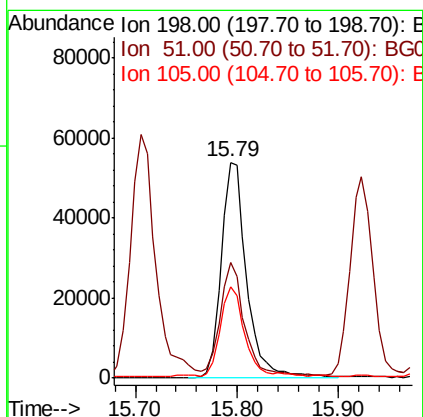
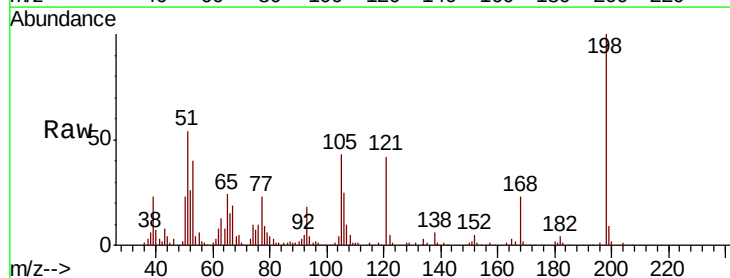
Instrument :
BNA_F
ClientSampleId :

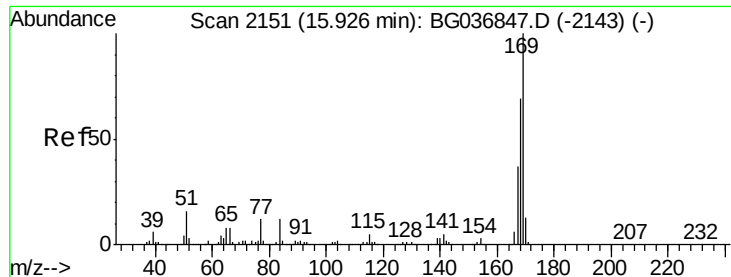
Tot Ion:188 Resp: 330591
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 9.2 8.1 12.1



#64
4,6-Dinitro-2-methylphenol
Concen: 54.213 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Tgt Ion:198 Resp: 93701
Ion Ratio Lower Upper
198 100
51 53.8 26.5 66.5
105 42.5 20.2 60.2

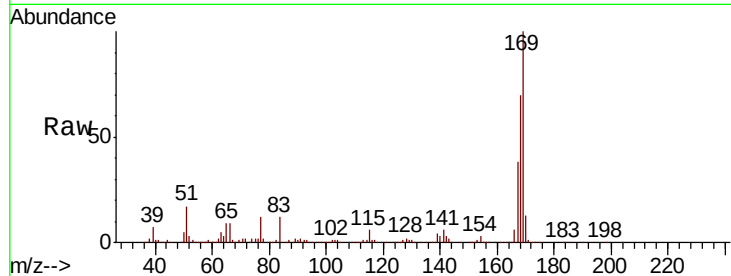




#65
 n-Nitrosodiphenylamine
 Concen: 50.010 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG036975.D
 Acq: 26 Sep 2018 8:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	169	Resp	456422
Ion Ratio	100	Lower	Upper
168	70.2	57.6	86.4
167	38.0	31.0	46.4

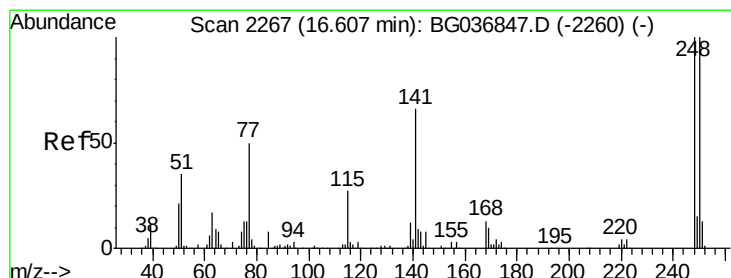
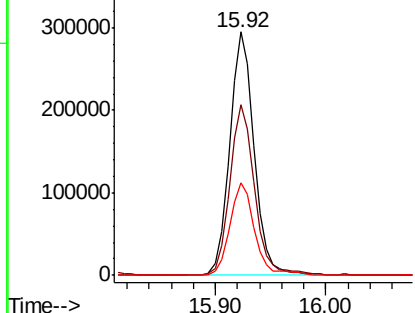
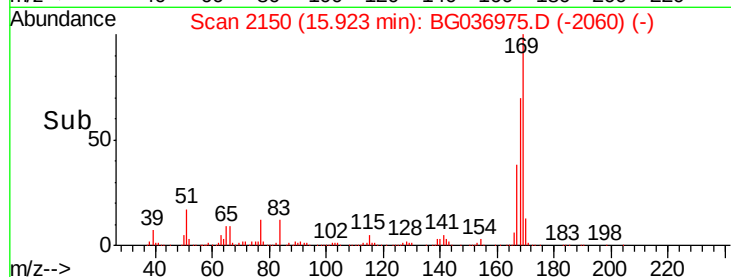


Abundance

Ion 169.00 (168.70 to 169.70): E

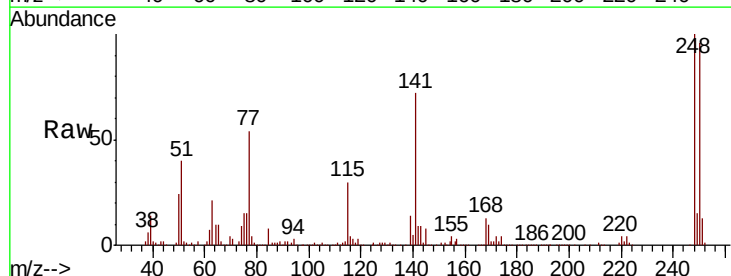
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 48.634 ng
 RT: 16.60 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BG036975.D
 Acq: 26 Sep 2018 8:32

Tgt Ion	248	Resp	182879
Ion Ratio	100	Lower	Upper
250	96.3	78.1	117.1
141	72.0	53.7	80.5

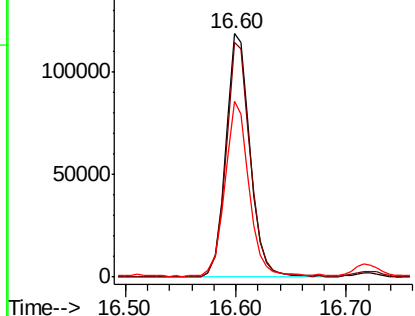
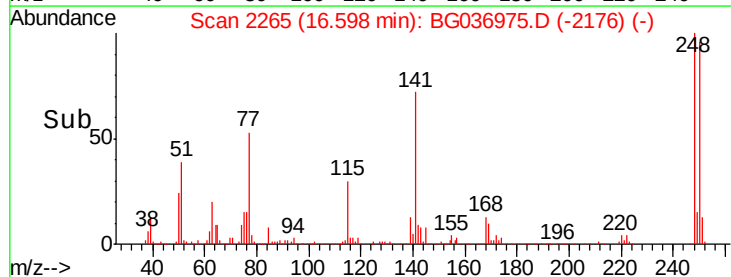


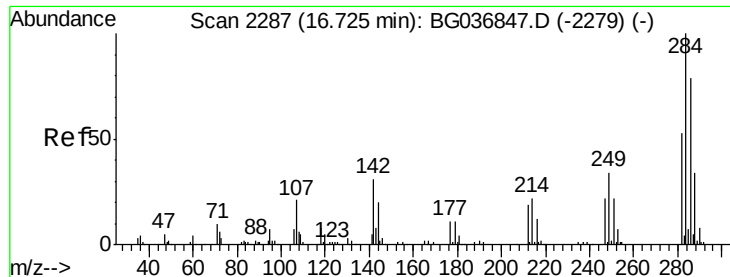
Abundance

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

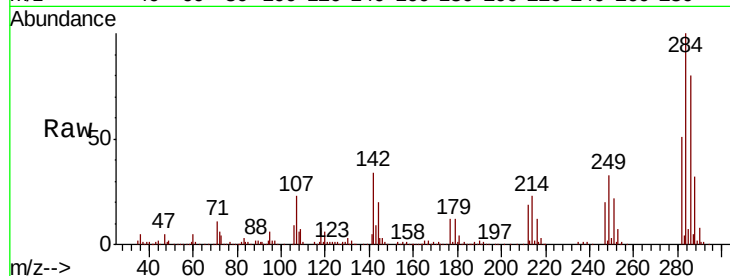




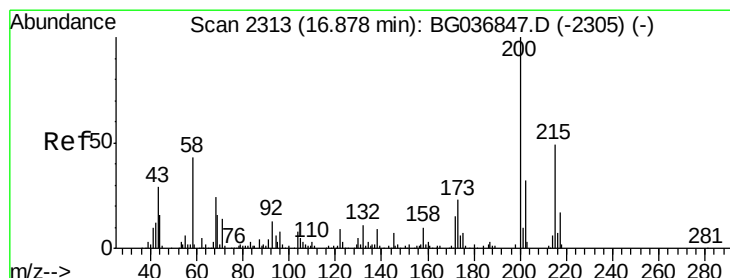
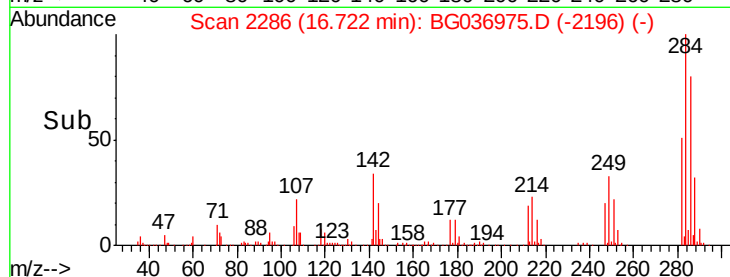
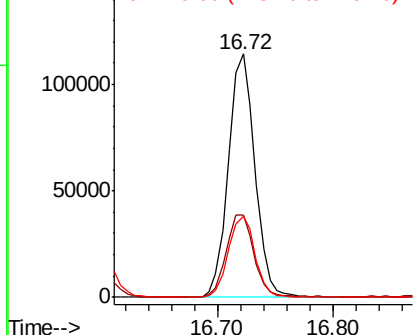
#67
Hexachlorobenzene
Concen: 47.072 ng
RT: 16.72 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.0	27.8	41.6
249	33.2	27.4	41.2

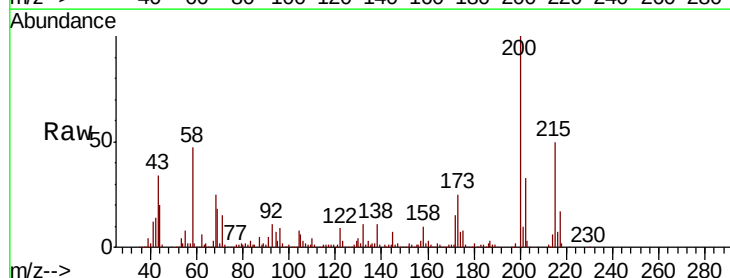


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

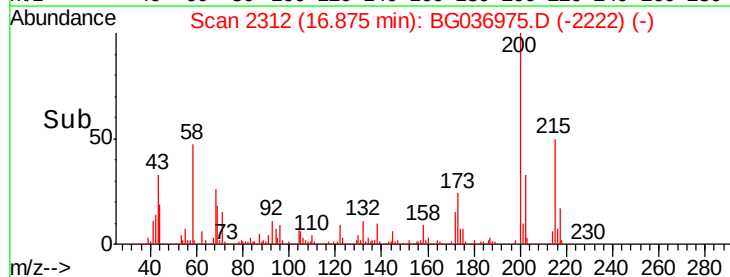
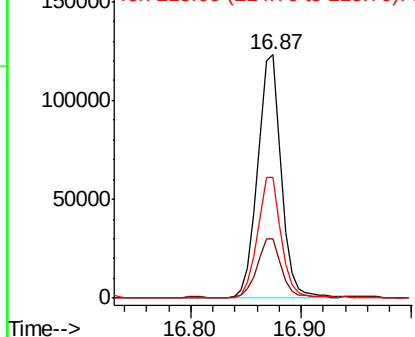


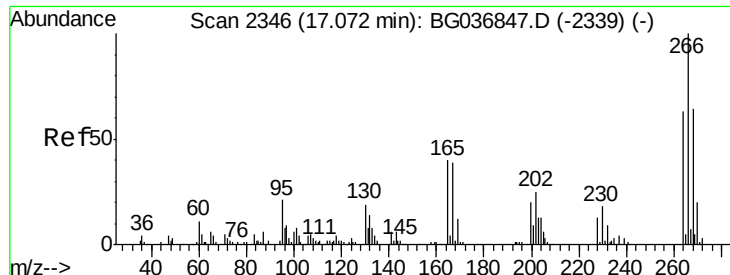
#68
Atrazine
Concen: 50.224 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.5	3.9	43.9
215	49.7	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: 92.693 ng

RT: 17.07 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

Instrument :

BNA_F

ClientSampleId :

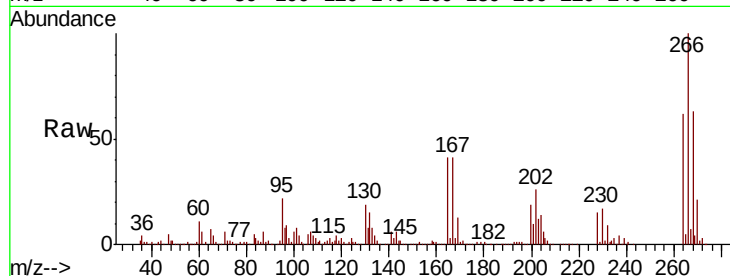
Tot Ion:266 Resp: 226018

Ion Ratio Lower Upper

266 100

268 62.8 51.4 77.2

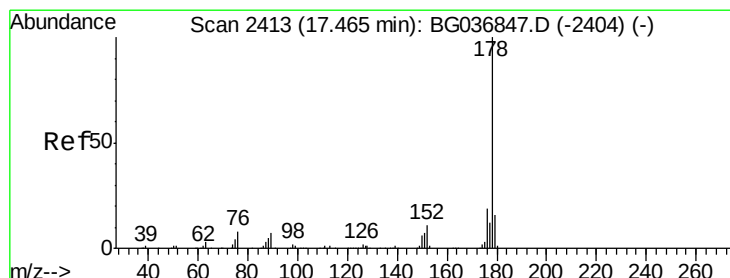
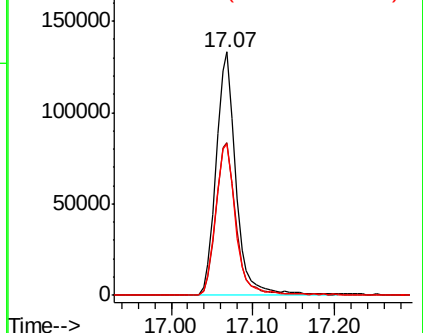
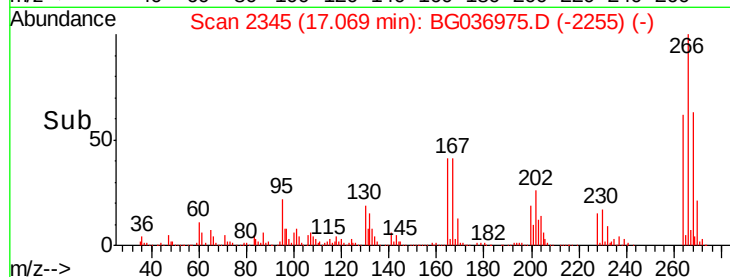
264 61.9 48.9 73.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 50.980 ng

RT: 17.46 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

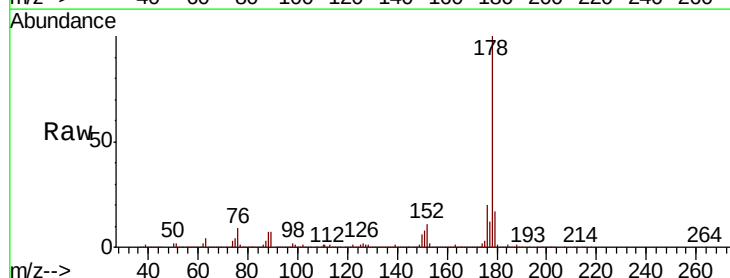
Tgt Ion:178 Resp: 812170

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.2

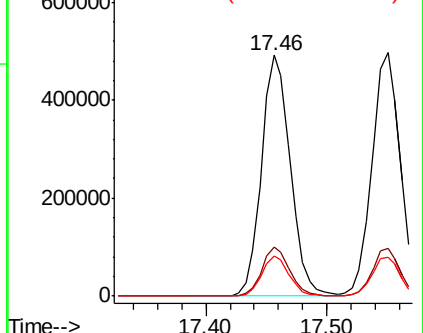
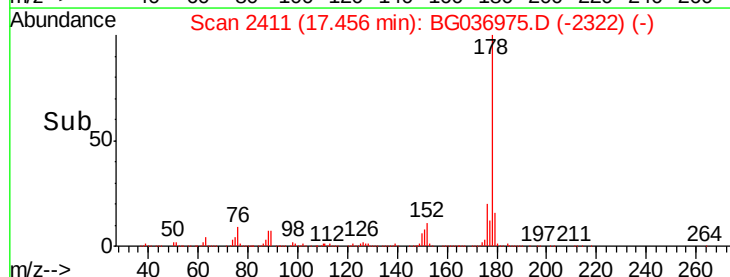
179 16.5 13.4 20.2

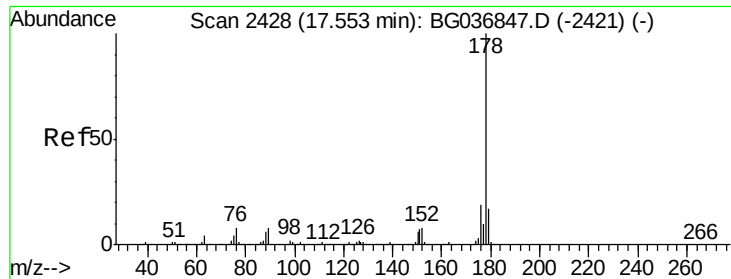


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

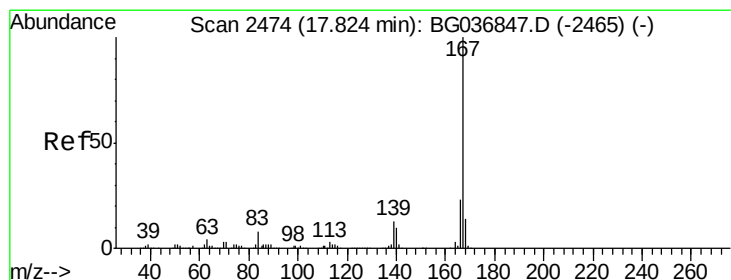
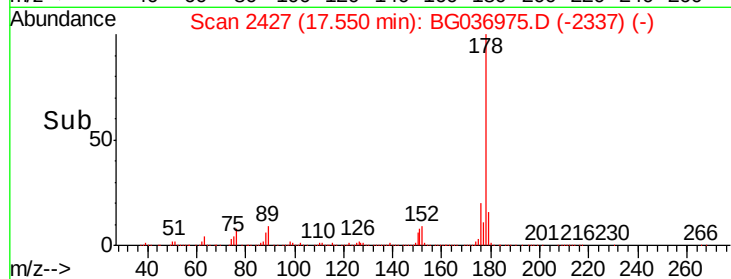
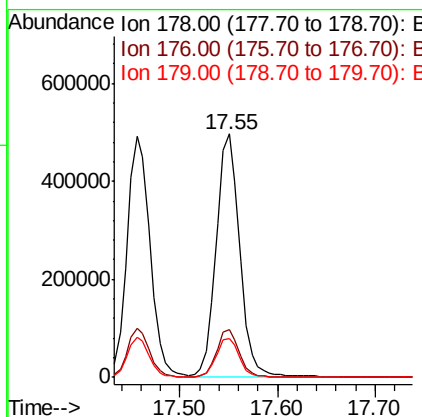
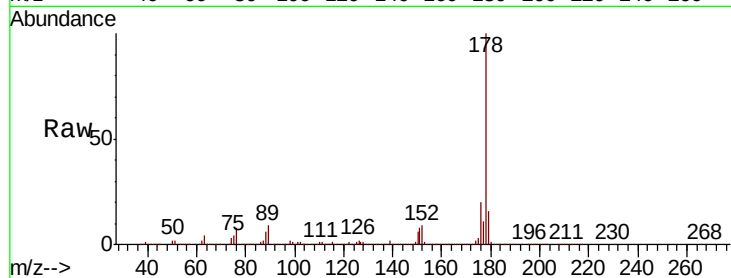




#71
 Anthracene
 Concen: 52.313 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BG036975.D
 Acq: 26 Sep 2018 8:32

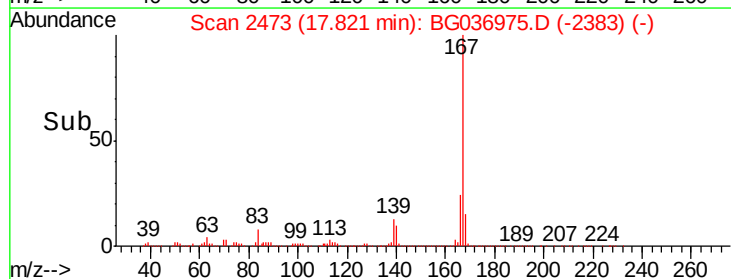
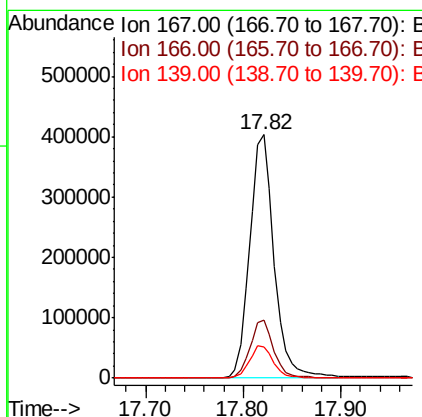
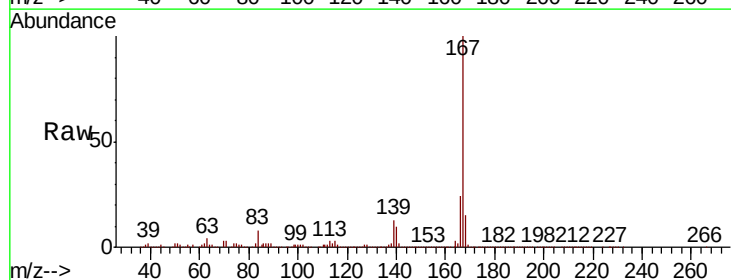
Instrument :
 BNA_F
 ClientSampleId :

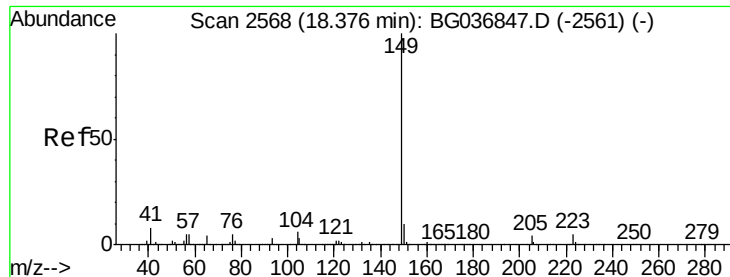
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	16.2	13.0	19.4



#72
 Carbazole
 Concen: 45.828 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.00 min
 Lab File: BG036975.D
 Acq: 26 Sep 2018 8:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.5	29.3
139	13.0	10.7	16.1

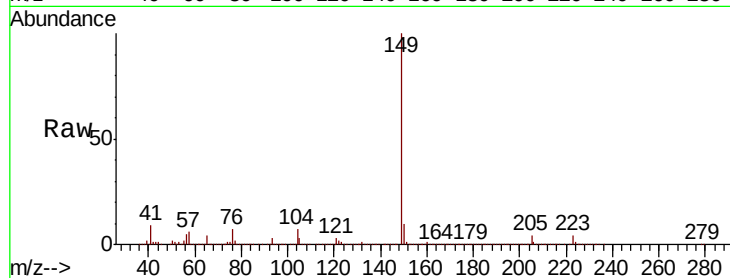




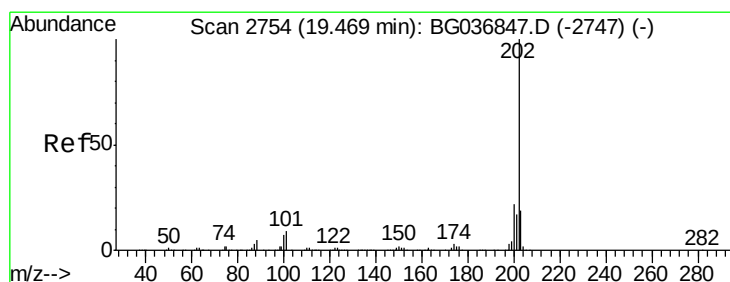
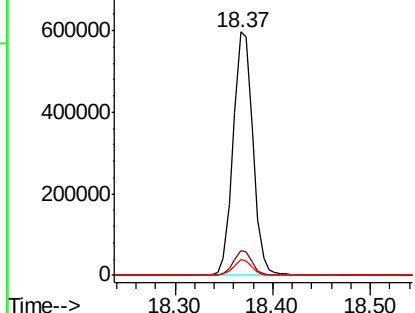
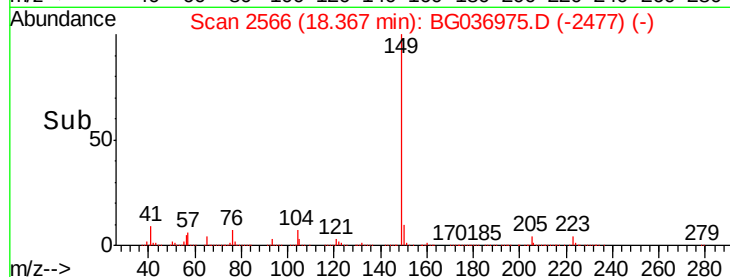
#73
Di-n-butylphthalate
Concen: 49.104 ng
RT: 18.37 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	6.6	4.6	6.8

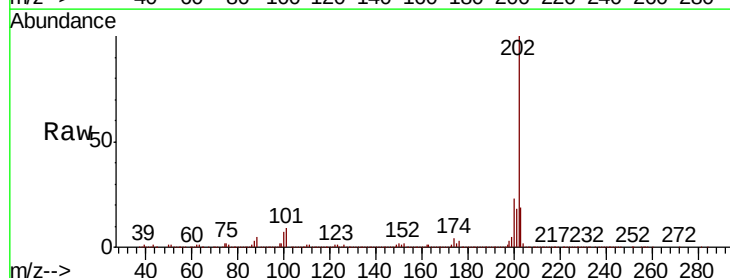


Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

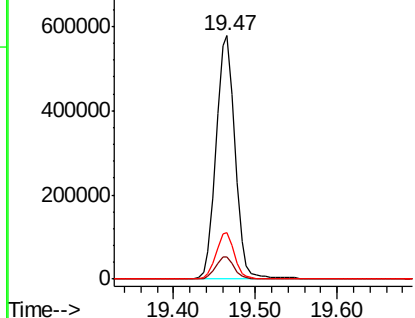
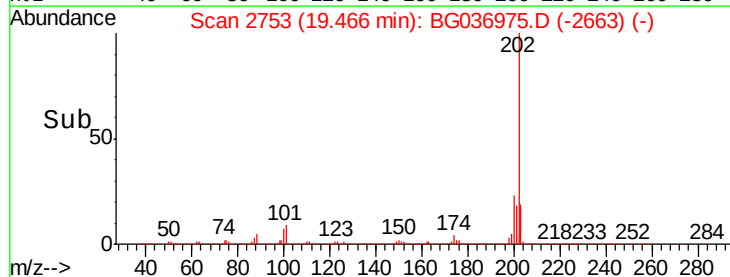


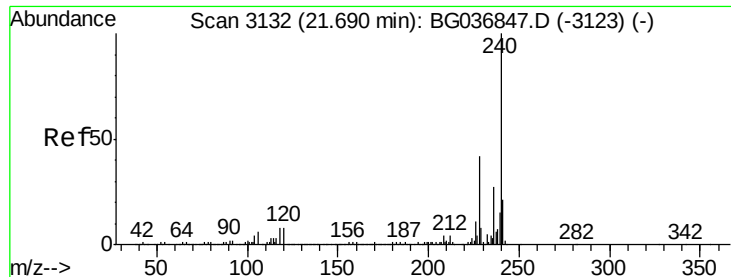
#74
Fluoranthene
Concen: 48.352 ng
RT: 19.47 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	29.4
203	18.9	0.0	38.9



Abundance Ion 202.00 (201.70 to 202.70): E
800000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

Instrument :

BNA_F

ClientSampleId :

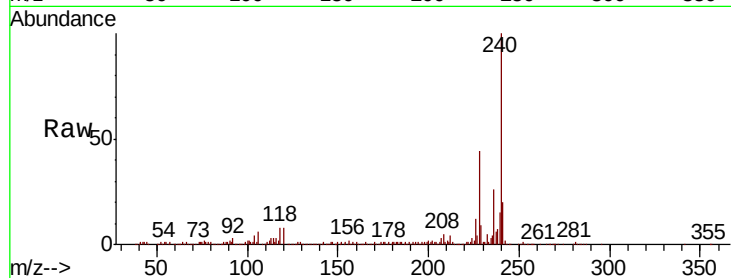
Tot Ion:240 Resp: 327854

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

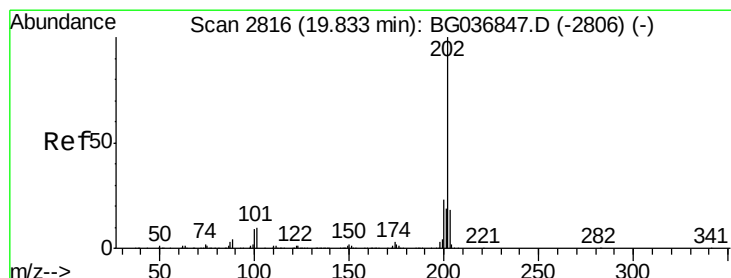
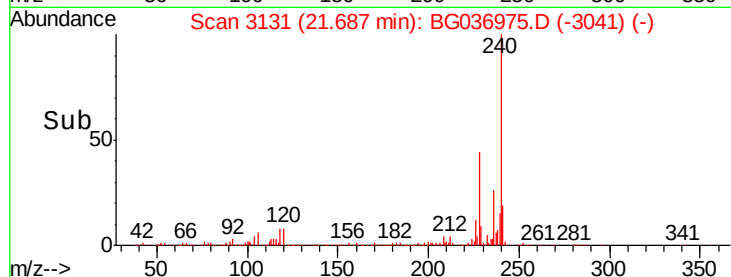
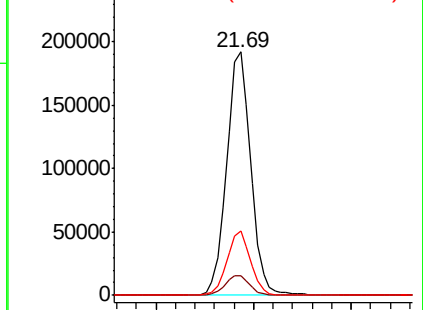
236 26.5 21.2 31.8



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



#77

Pyrene

Concen: 47.046 ng

RT: 19.82 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

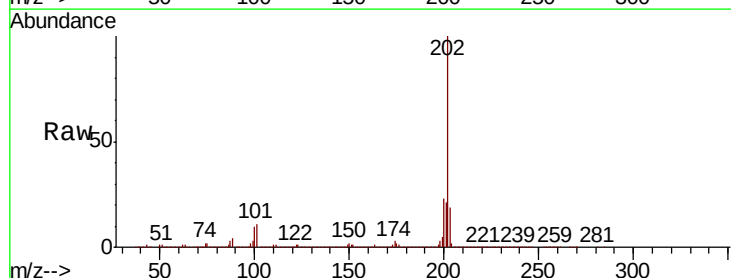
Tgt Ion:202 Resp: 925589

Ion Ratio Lower Upper

202 100

200 23.4 18.3 27.5

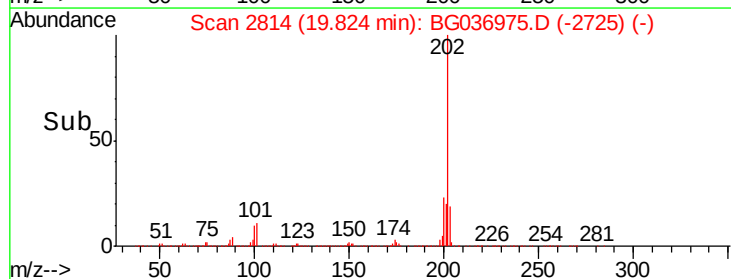
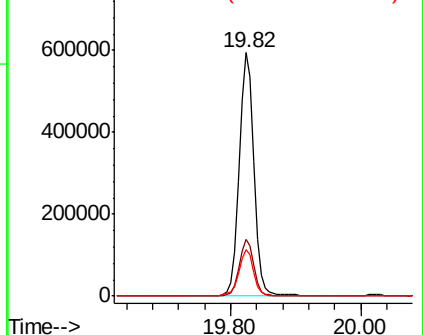
203 19.1 15.1 22.7

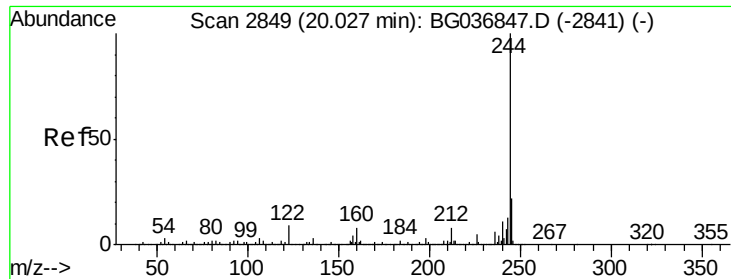


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 93.639 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

Instrument :

BNA_F

ClientSampleId :

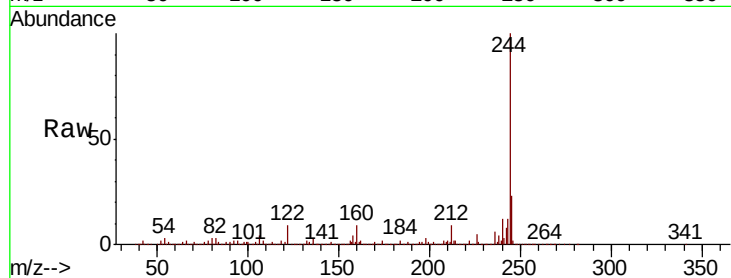
Tot Ion:244 Resp: 1167522

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

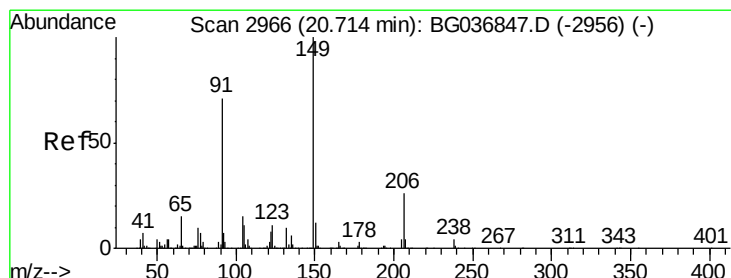
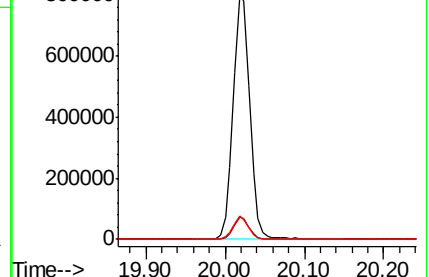
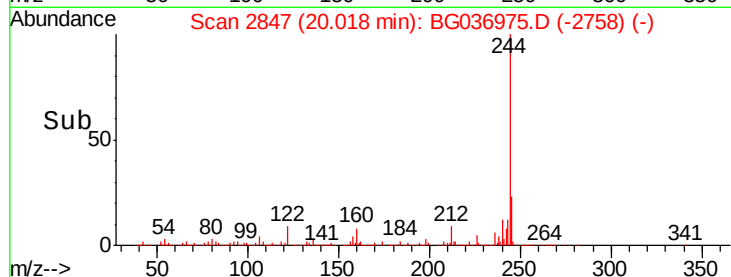
122 9.5 7.1 10.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 49.694 ng

RT: 20.71 min Scan# 2964

Delta R.T. -0.01 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

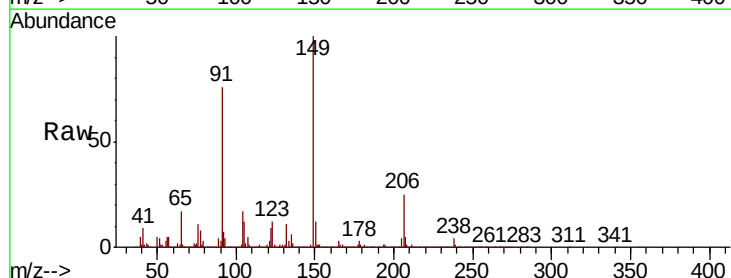
Tgt Ion:149 Resp: 389697

Ion Ratio Lower Upper

149 100

91 76.2 62.0 93.0

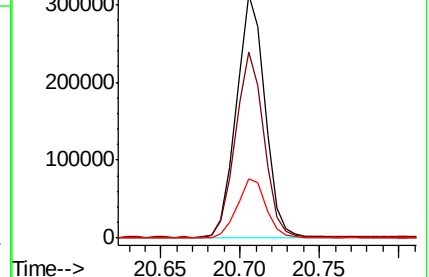
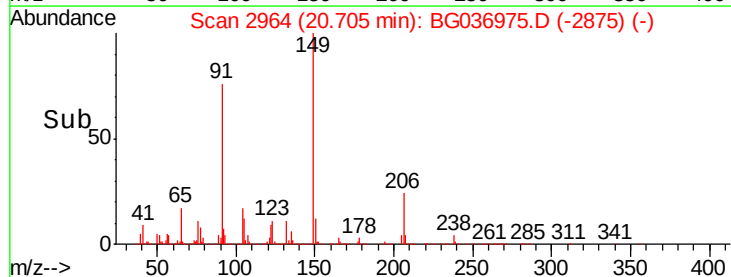
206 24.5 19.6 29.4

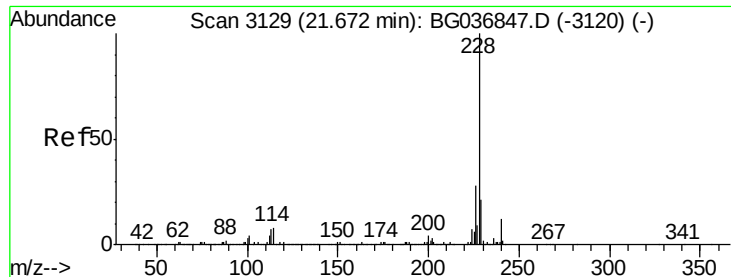


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 50.088 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

Instrument :

BNA_F

ClientSampleId :

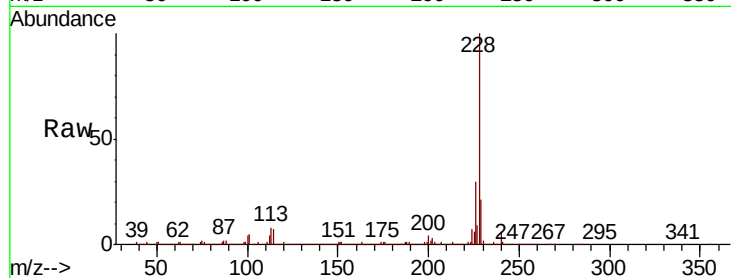
Tot Ion:228 Resp: 958605

Ion Ratio Lower Upper

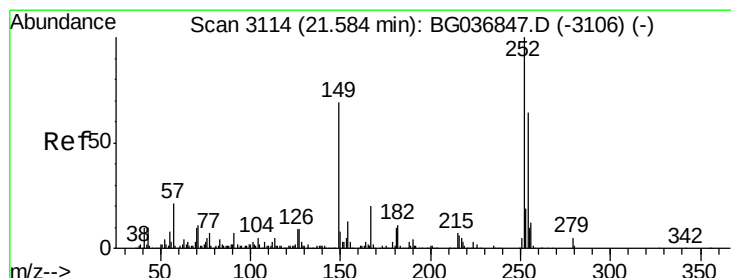
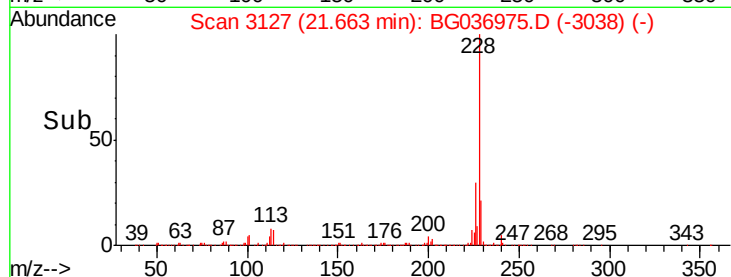
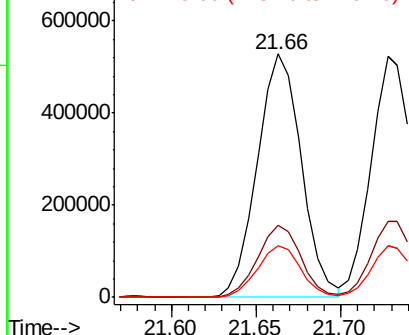
228 100

226 29.6 23.4 35.2

229 21.2 17.1 25.7



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



#81

3,3'-Dichlorobenzidine

Concen: 27.245 ng

RT: 21.58 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

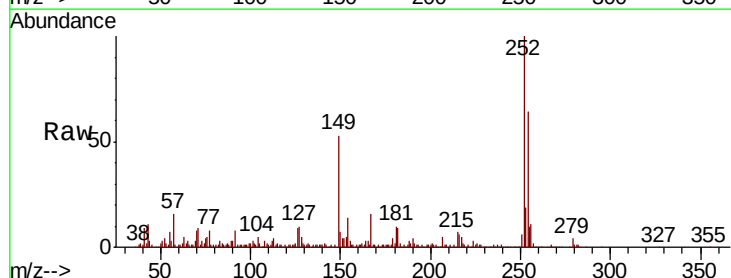
Tgt Ion:252 Resp: 198474

Ion Ratio Lower Upper

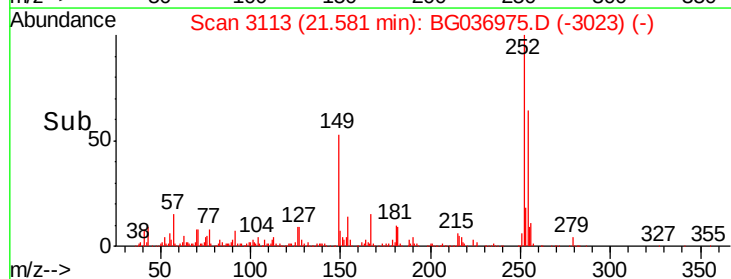
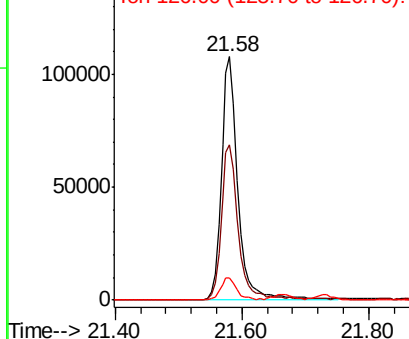
252 100

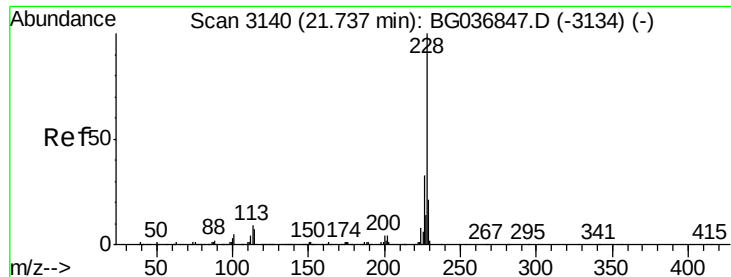
254 63.8 51.0 76.4

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: 48.828 ng

RT: 21.73 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

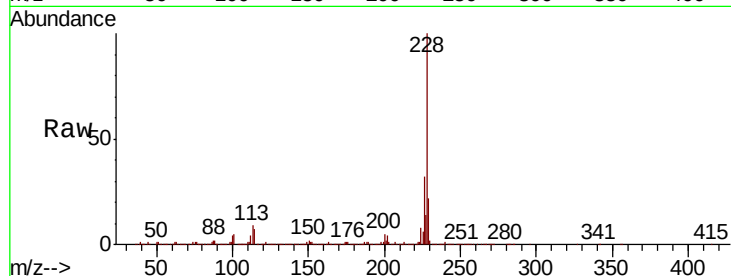
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 902897

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.5	38.3
229	21.6	16.9	25.3

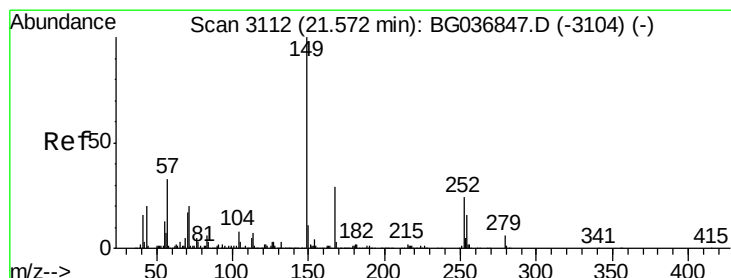
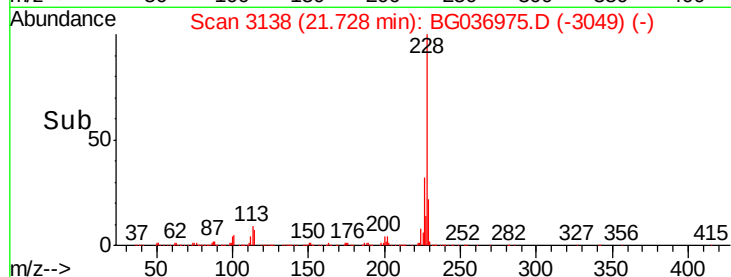
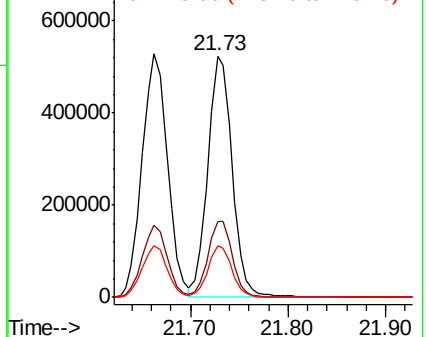


Abundance

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: 49.565 ng

RT: 21.56 min Scan# 3110

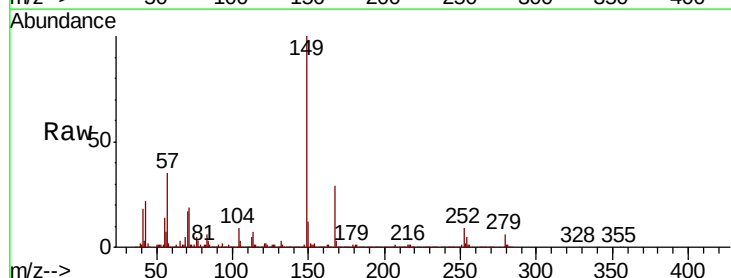
Delta R.T. -0.01 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

Tgt Ion:149 Resp: 542979

Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.4	35.0
279	5.8	4.6	7.0

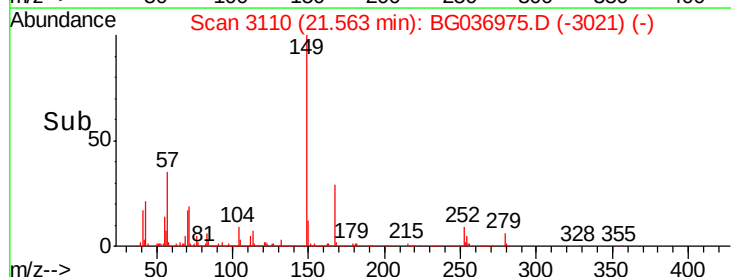
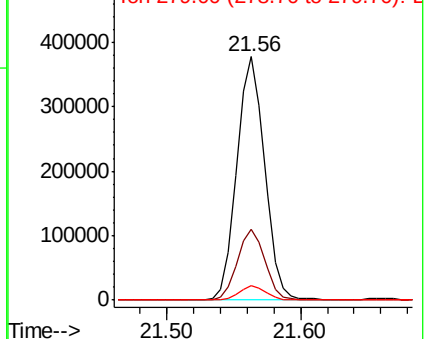


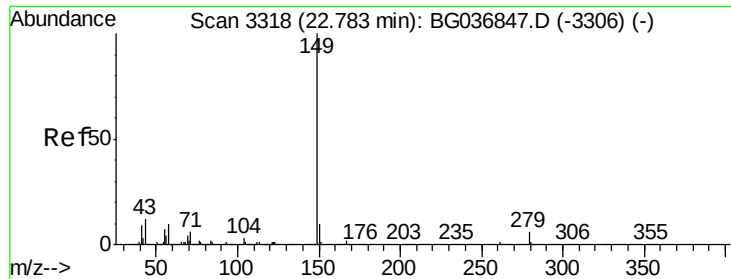
Abundance

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

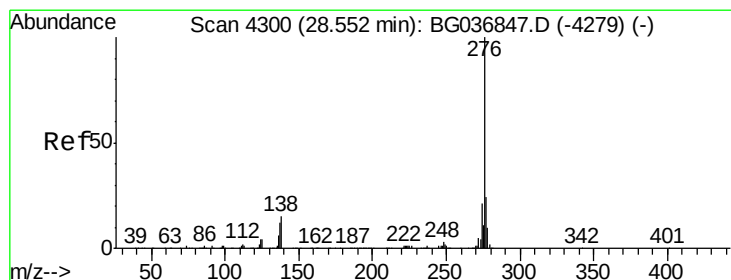
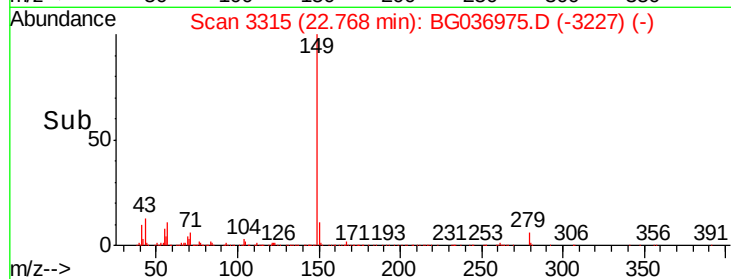
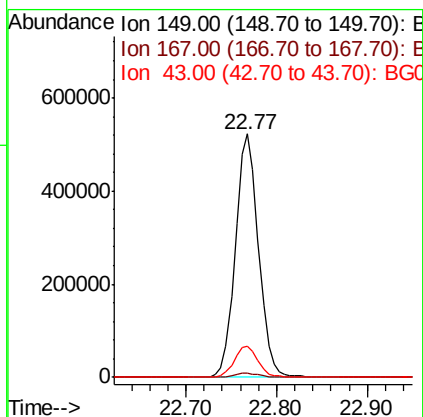
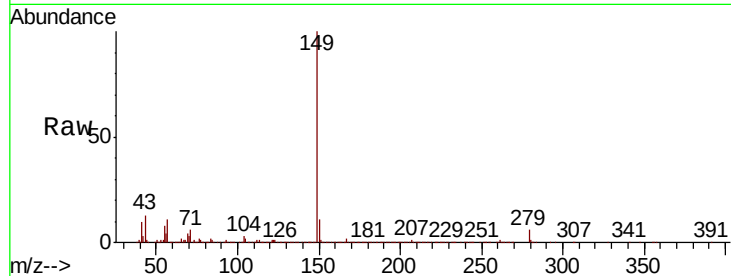




#84
Di-n-octyl phthalate
Concen: 51.256 ng
RT: 22.77 min Scan# 3315
Delta R.T. -0.01 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

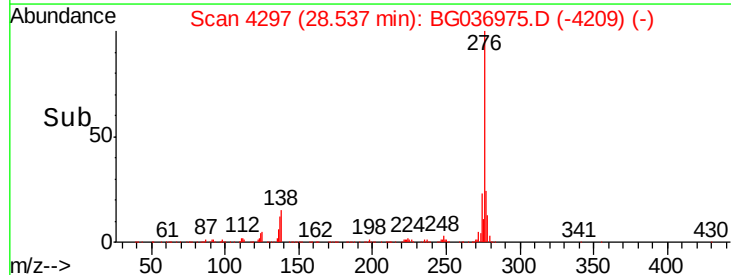
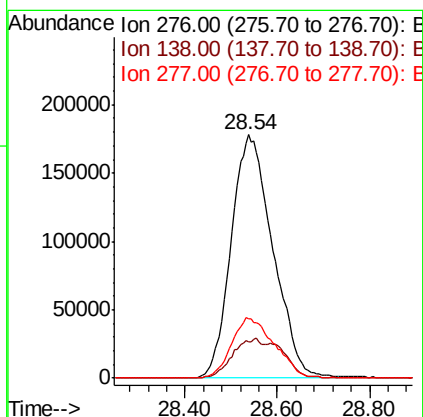
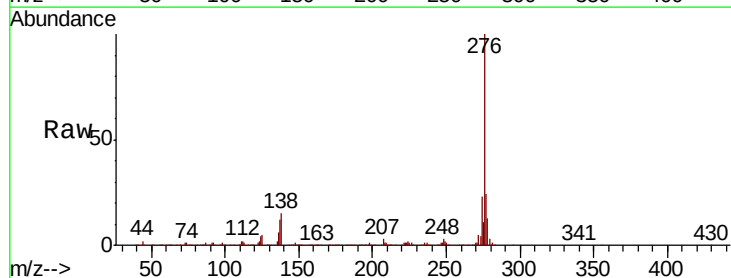
Instrument :
BNA_F
ClientSampleId :

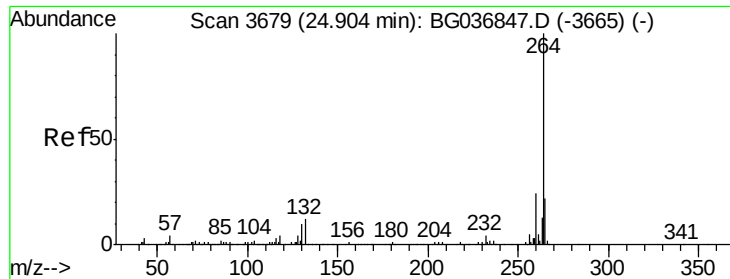
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	13.0	10.0	15.0



#85
Indeno(1,2,3-cd)pyrene
Concen: 56.079 ng
RT: 28.54 min Scan# 4297
Delta R.T. -0.01 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	10.6	15.8#
277	25.6	20.6	30.8

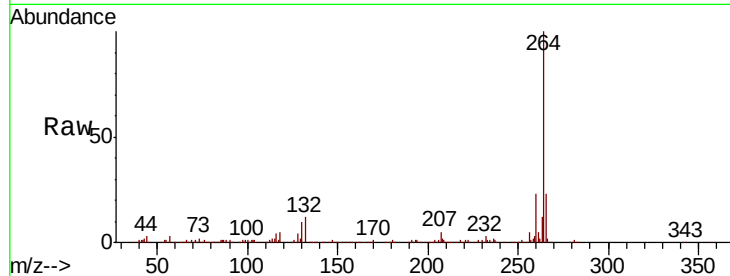




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	22.6	17.4	26.0

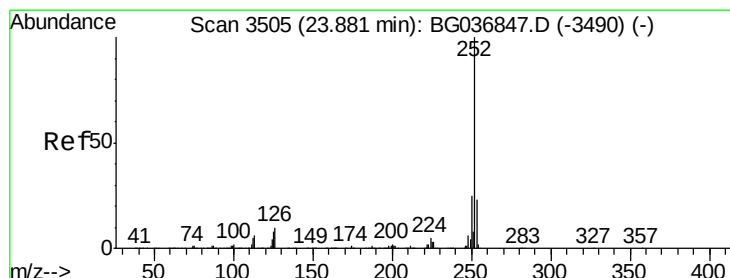
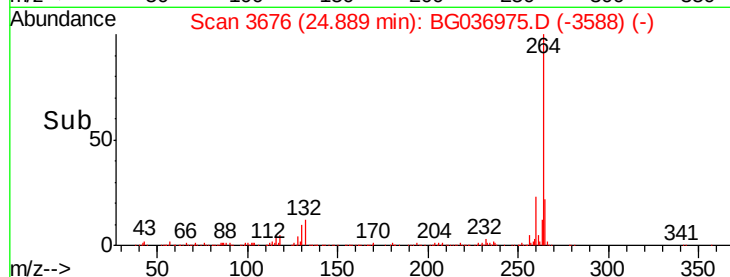
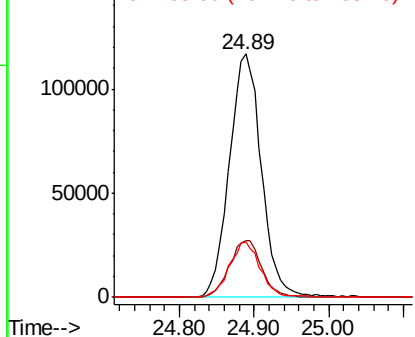


Abundance

Ion 264.00 (263.70 to 264.70): E

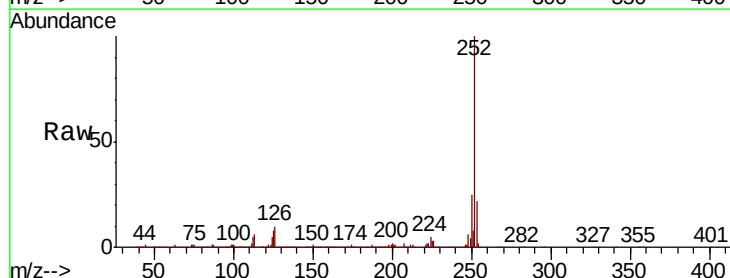
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 52.297 ng
RT: 23.87 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	7.9	6.6	10.0

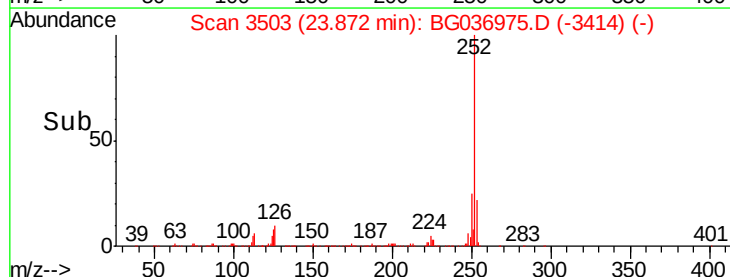
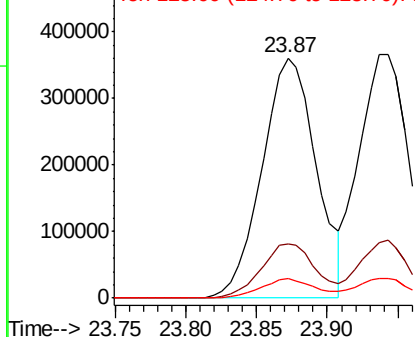


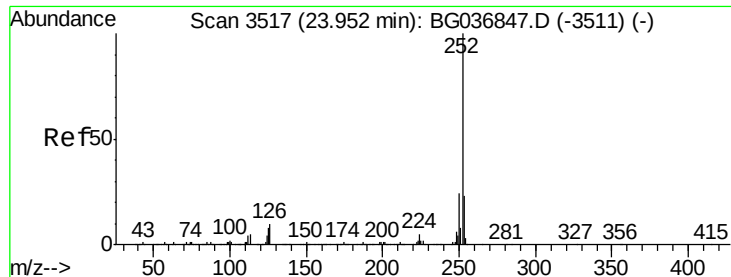
Abundance

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

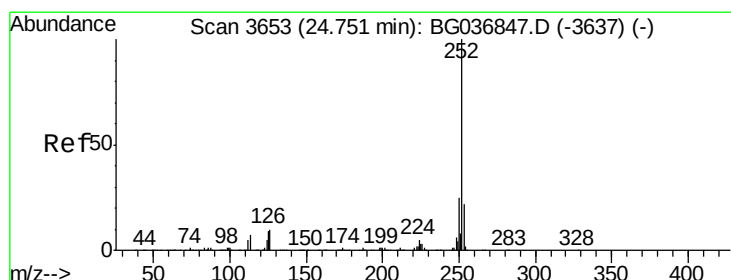
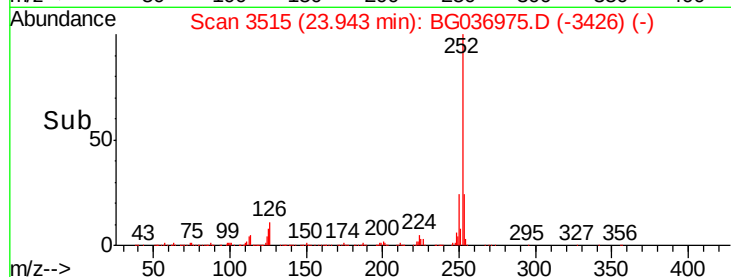
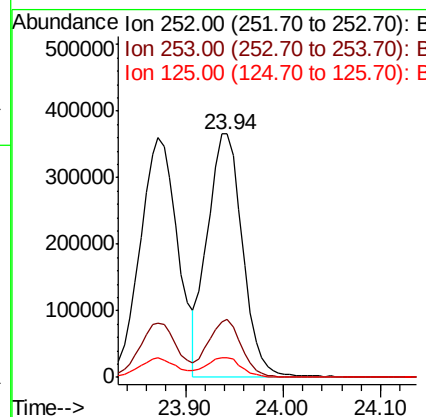
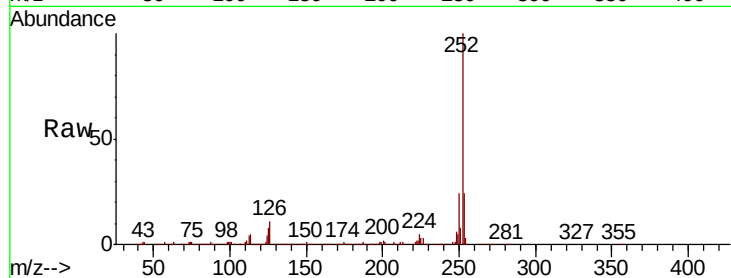




#88
Benzo(k)fluoranthene
Concen: 48.952 ng
RT: 23.94 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

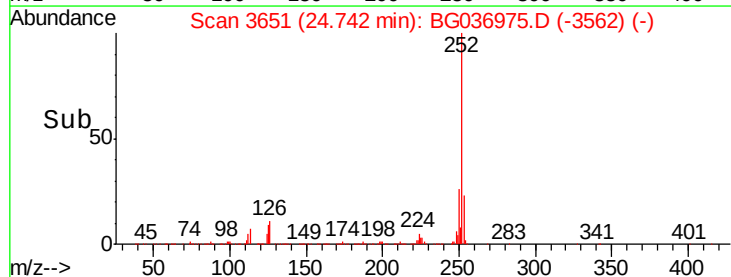
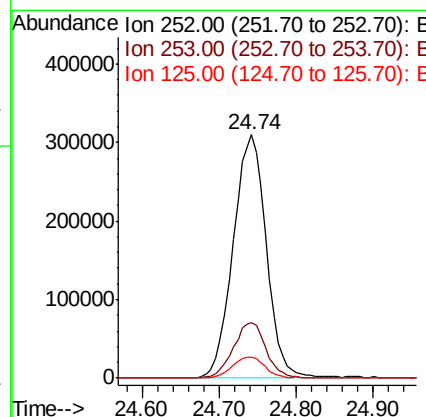
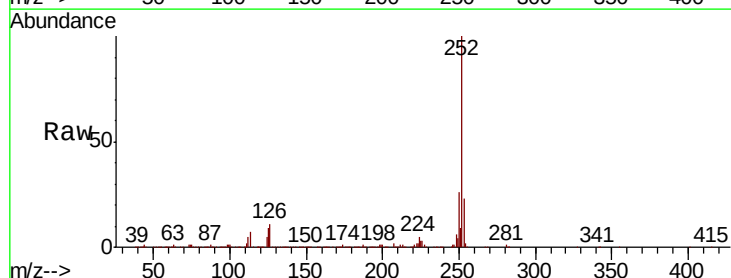
Instrument :
BNA_F
ClientSampleId :

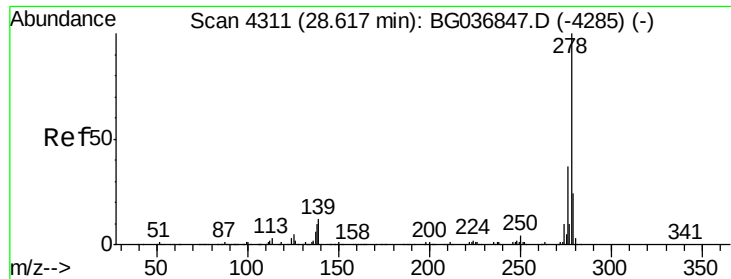
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	8.2	7.0	10.6



#89
Benzo(a)pyrene
Concen: 51.725 ng
RT: 24.74 min Scan# 3651
Delta R.T. -0.01 min
Lab File: BG036975.D
Acq: 26 Sep 2018 8:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	8.5	7.3	10.9





#90

Dibenzo(a,h)anthracene

Concen: 53.865 ng

RT: 28.60 min Scan# 4308

Delta R.T. -0.01 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

Instrument :

BNA_F

ClientSampled :

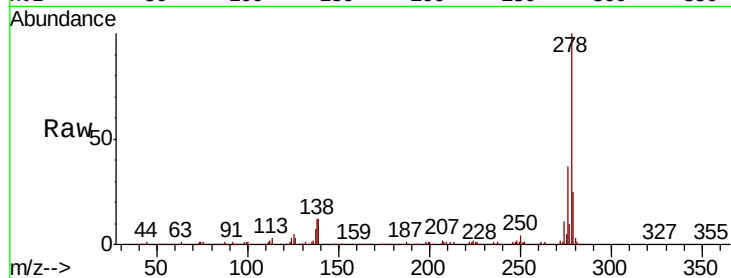
Tot Ion:278 Resp: 904392

Ion Ratio Lower Upper

278 100

139 12.0 11.0 16.4

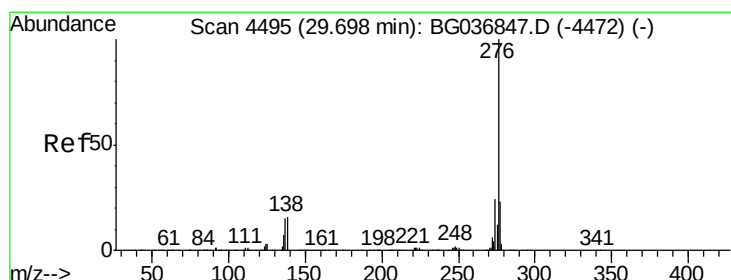
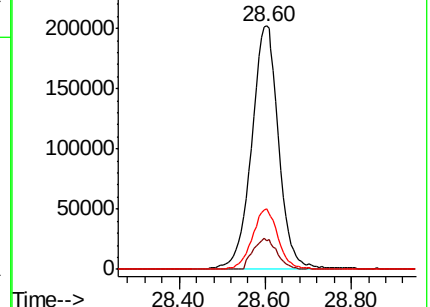
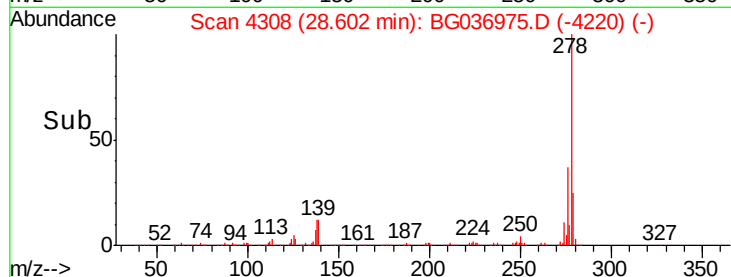
279 24.8 18.7 28.1



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(g,h,i)perylene

Concen: 54.712 ng

RT: 29.69 min Scan# 4493

Delta R.T. -0.01 min

Lab File: BG036975.D

Acq: 26 Sep 2018 8:32

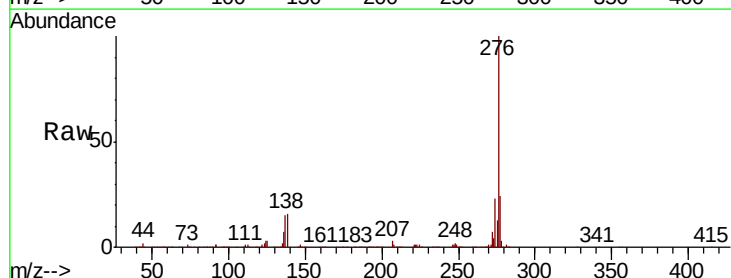
Tgt Ion:276 Resp: 921935

Ion Ratio Lower Upper

276 100

277 23.9 18.4 27.6

138 16.1 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

