

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036953.D
 Acq On : 25 Sep 2018 17:40
 Operator : JU/SJ
 Sample : J5055-08MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 01:44:23 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	49165	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	203830	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	120768	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	254961	20.00	ng	0.00
75) Chrysene-d12	21.68	240	285425	20.00	ng	0.00
86) Perylene-d12	24.89	264	306607	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	378088	147.48	ng	0.00
7) Phenol-d6	7.21	99	529258	133.44	ng	0.00
23) Nitrobenzene-d5	9.20	82	351960	92.47	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	222195	153.78	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	805339	99.32	ng	0.00
78) Terphenyl-d14	20.02	244	1021180	94.08	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	43549	37.124	ng	99
3) Pyridine	3.92	79	125198	36.962	ng	98
4) n-Nitrosodimethylamine	3.84	42	67910	45.110	ng	# 97
6) Aniline	7.37	93	163656	31.799	ng	99
8) 2-Chlorophenol	7.61	128	130289	43.770	ng	93
9) Benzaldehyde	7.18	77	89101	33.996	ng	96
10) Phenol	7.24	94	192459	47.016	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	134529	35.528	ng	98
12) 1,3-Dichlorobenzene	7.93	146	136655	37.446	ng	99
13) 1,4-Dichlorobenzene	8.08	146	137299	36.764	ng	97
14) 1,2-Dichlorobenzene	8.40	146	132419	36.589	ng	99
15) Benzyl Alcohol	8.28	79	129060	40.101	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	278923	38.368	ng	98
17) 2-Methylphenol	8.48	107	120691	42.327	ng	96
18) Hexachloroethane	9.12	117	54143	39.396	ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	121112	36.705	ng	99
20) 3+4-Methylphenols	8.81	107	174840	44.076	ng	98
22) Acetophenone	8.86	105	212075	44.275	ng	97
24) Nitrobenzene	9.25	77	169381	41.671	ng	97
25) Isophorone	9.77	82	362836	52.170	ng	98
26) 2-Nitrophenol	9.96	139	77288	47.703	ng	98
27) 2,4-Dimethylphenol	10.01	122	135773	53.798	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	191186	44.550	ng	98
29) 2,4-Dichlorophenol	10.50	162	146445	50.056	ng	94
30) 1,2,4-Trichlorobenzene	10.71	180	145699	39.795	ng	99
31) Naphthalene	10.90	128	424588	43.779	ng	99
32) Benzoic acid	10.11	122	24998	17.180	ng	93
33) 4-Chloroaniline	11.01	127	142483	32.312	ng	98
34) Hexachlorobutadiene	11.18	225	99703	39.378	ng	98
35) Caprolactam	11.78	113	37076	30.790	ng	98
36) 4-Chloro-3-methylphenol	12.12	107	191224	54.779	ng	98
37) 2-Methylnaphthalene	12.50	142	347956	47.107	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	201151	47.755	ng	99
40) Hexachlorocyclopentadiene	12.84	237	204885	94.577	ng	99

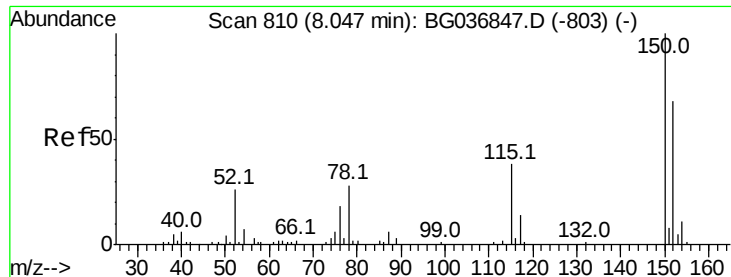
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
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 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	139450	59.619	ng	97
43) 2,4,5-Trichlorophenol	13.18	196	153049	61.364	ng	98
45) 1,1'-Biphenyl	13.50	154	462738	50.030	ng	97
46) 2-Chloronaphthalene	13.55	162	348351	47.892	ng	99
47) 2-Nitroaniline	13.75	65	146023	58.042	ng	97
48) Acenaphthylene	14.39	152	585469	51.366	ng	100
49) Dimethylphthalate	14.12	163	674810	69.418	ng	98
50) 2,6-Dinitrotoluene	14.25	165	108272	51.049	ng	98
51) Acenaphthene	14.73	154	336146	48.797	ng	100
52) 3-Nitroaniline	14.57	138	87335	39.077	ng	94
53) 2,4-Dinitrophenol	14.78	184	93095	92.352	ng	90
54) Dibenzofuran	15.07	168	543051	46.606	ng	97
55) 4-Nitrophenol	14.89	139	161555	113.151	ng	91
56) 2,4-Dinitrotoluene	15.03	165	140713	47.546	ng	98
57) Fluorene	15.72	166	420720	48.309	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	138051	54.562	ng	98
59) Diethylphthalate	15.48	149	422984	43.141	ng	100
60) 4-Chlorophenyl-phenylether	15.71	204	236583	42.895	ng	99
61) 4-Nitroaniline	15.74	138	99529	42.337	ng	94
62) Azobenzene	16.00	77	447094	47.458	ng	99
64) 4,6-Dinitro-2-methylphenol	15.80	198	77045	57.799	ng	89
65) n-Nitrosodiphenylamine	15.93	169	375036	53.282	ng	98
66) 4-Bromophenyl-phenylether	16.61	248	139039	47.944	ng	98
67) Hexachlorobenzene	16.72	284	139223	46.612	ng	98
68) Atrazine	16.87	200	138133	48.467	ng	96
69) Pentachlorophenol	17.07	266	169572	90.173	ng	98
70) Phenanthrene	17.46	178	599720	48.812	ng	98
71) Anthracene	17.55	178	618220	50.887	ng	99
72) Carbazole	17.82	167	526267	44.429	ng	99
73) Di-n-butylphthalate	18.37	149	587617	44.670	ng	99
74) Fluoranthene	19.46	202	670502	45.337	ng	99
76) Benzidine	19.64	184	396467	45.950	ng	99
77) Pyrene	19.83	202	677711	39.568	ng	99
79) Butylbenzylphthalate	20.71	149	283924	41.588	ng	98
80) Benzo(a)anthracene	21.67	228	720382	43.236	ng	98
81) 3,3'-Dichlorobenzidine	21.58	252	124265	19.594	ng	99
82) Chrysene	21.73	228	687894	42.730	ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	403739	42.333	ng	98
84) Di-n-octyl phthalate	22.77	149	709728	45.198	ng	98
85) Indeno(1,2,3-cd)pyrene	28.53	276	840661	48.629	ng	# 94
87) Benzo(b)fluoranthene	23.87	252	712429	43.601	ng	98
88) Benzo(k)fluoranthene	23.94	252	698107	42.585	ng	100
89) Benzo(a)pyrene	24.74	252	701800	44.426	ng	99
90) Dibenzo(a,h)anthracene	28.59	278	683513	46.167	ng	97
91) Benzo(g,h,i)perylene	29.68	276	694750	46.758	ng	97

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

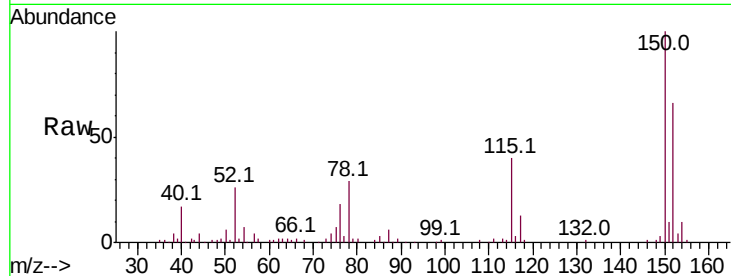


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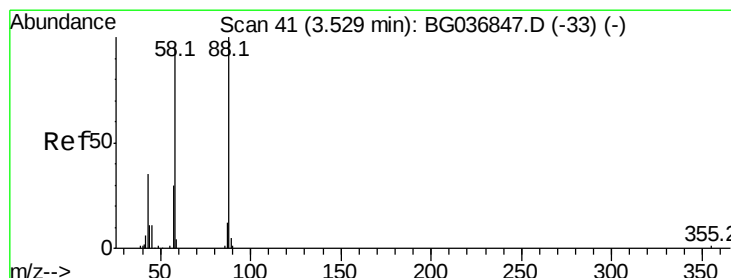
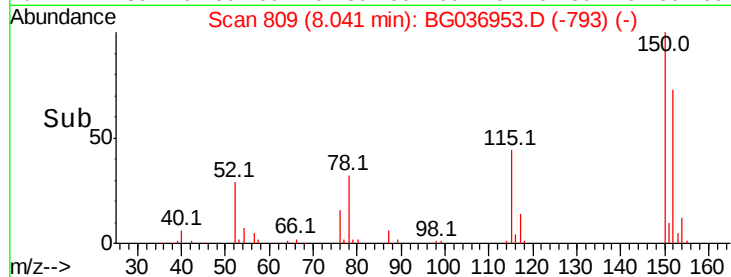
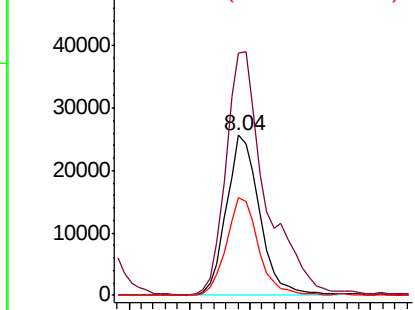
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	119.5	179.3
115	60.7	44.5	66.7



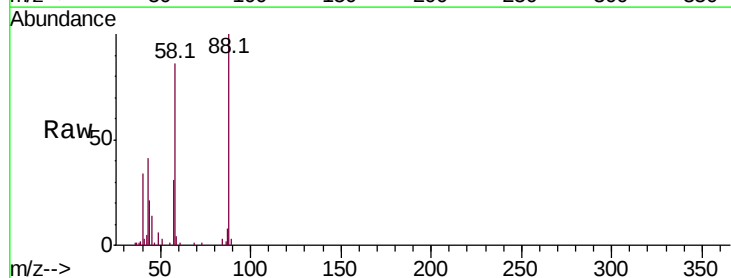
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



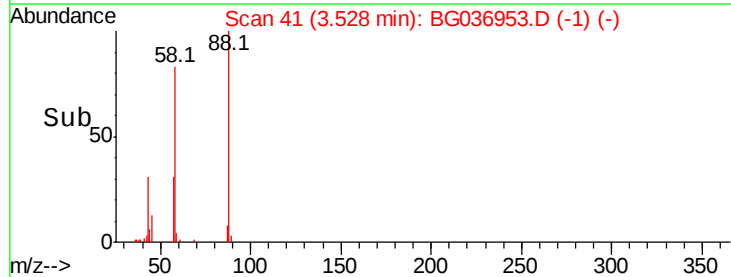
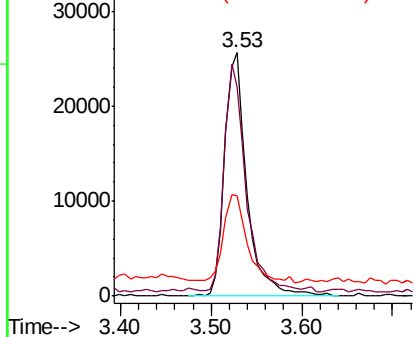
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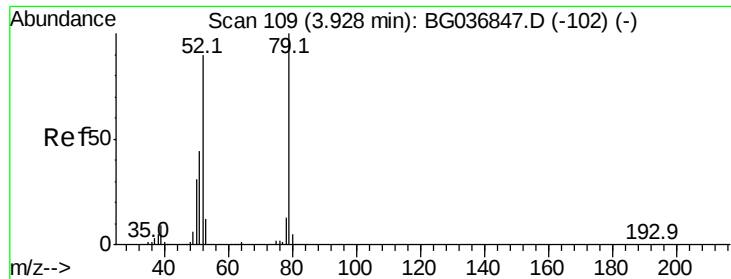
1,4-Dioxane
 Concen: 37.124 ng
 RT: 3.53 min Scan# 41
 Delta R.T. -0.00 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.2	72.6	109.0
43	38.1	29.0	43.4



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





#3

Pvridine

Concen: 36.962 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

Instrument :

BNA_F

ClientSampleId :

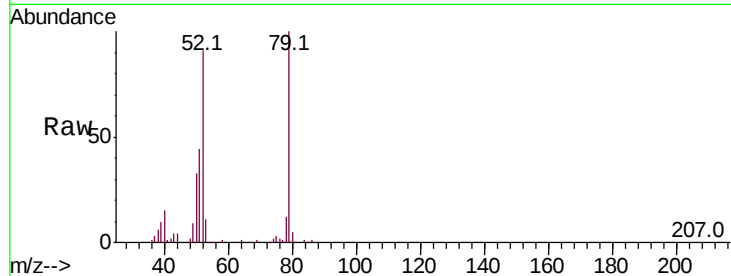
Tot Ion: 79 Resp: 125198

Ion Ratio Lower Upper

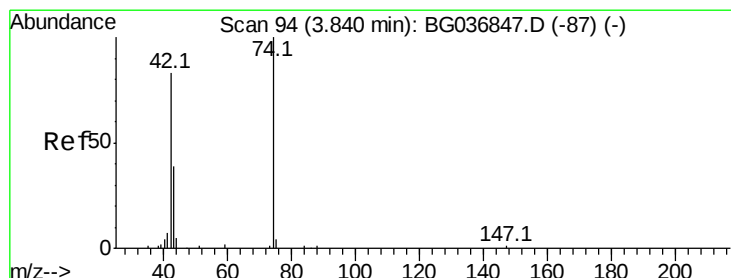
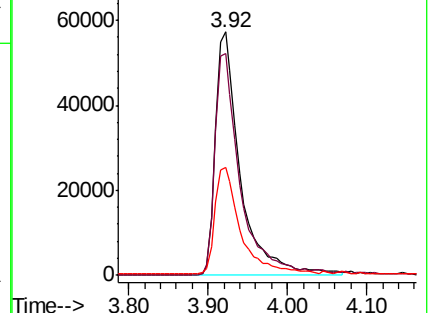
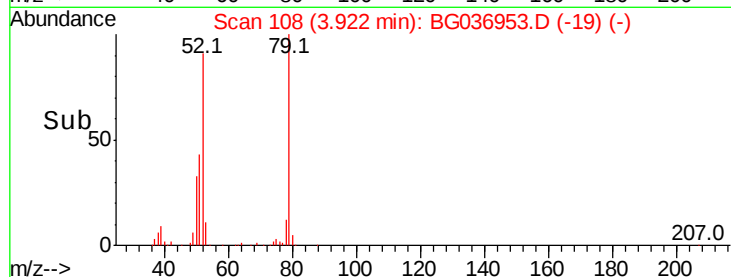
79 100

52 91.4 72.3 108.5

51 44.3 33.8 50.6



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



#4

n-Nitrosodimethylamine

Concen: 45.110 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

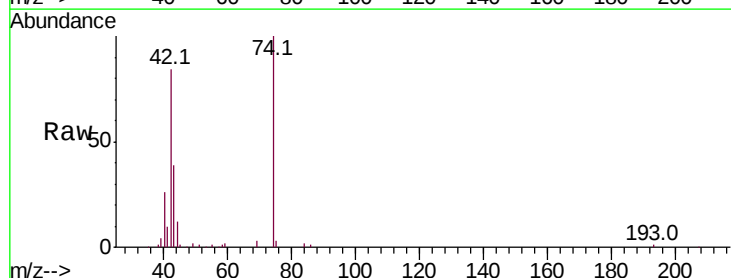
Tgt Ion: 42 Resp: 67910

Ion Ratio Lower Upper

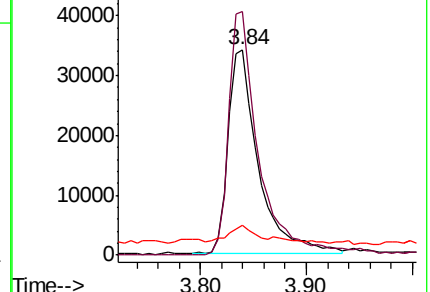
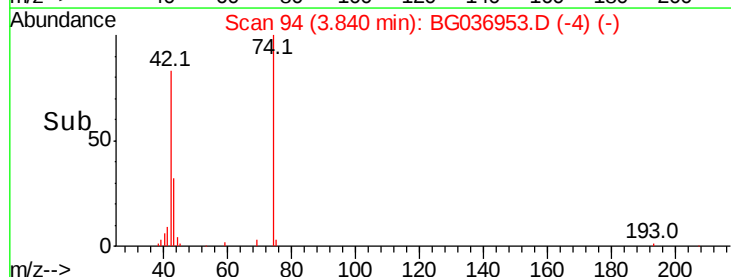
42 100

74 118.4 96.6 145.0

44 14.7 7.0 10.4#



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





#5

2-Fluorophenol

Concen: 147.481 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

Instrument :

BNA_F

ClientSampled :

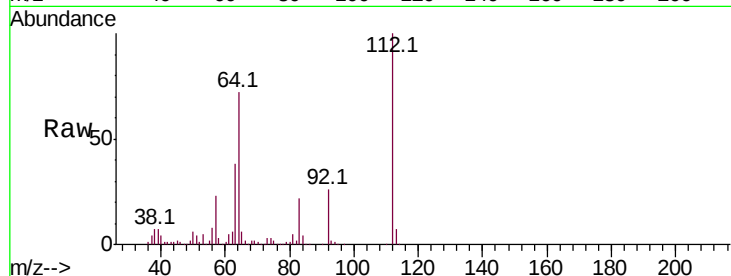
Tot Ion:112 Resp: 378088

Ion Ratio Lower Upper

112 100

64 72.4 57.2 85.8

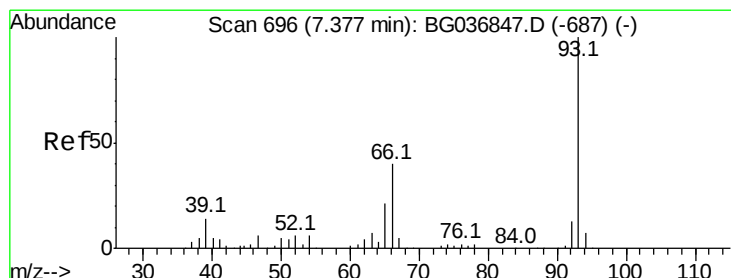
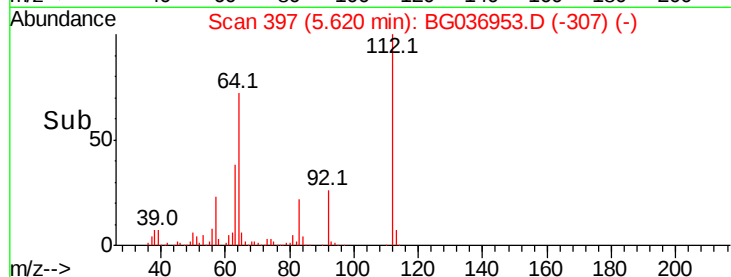
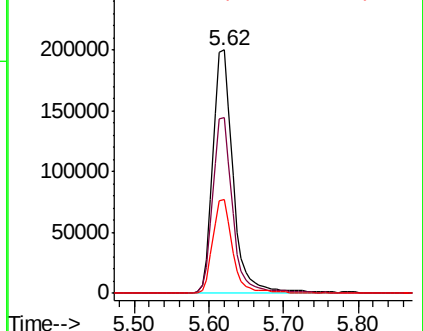
63 38.3 30.8 46.2



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: 31.799 ng

RT: 7.37 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

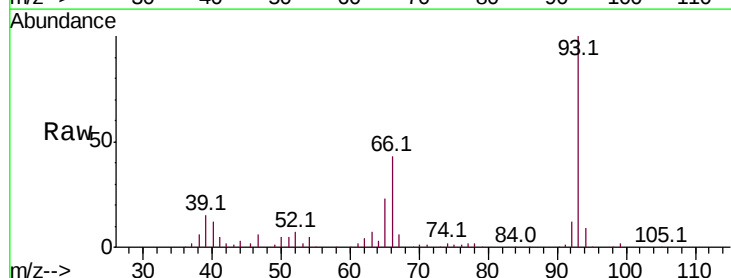
Tgt Ion: 93 Resp: 163656

Ion Ratio Lower Upper

93 100

66 42.9 35.0 52.4

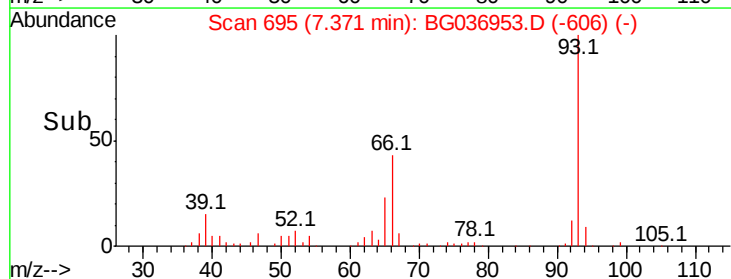
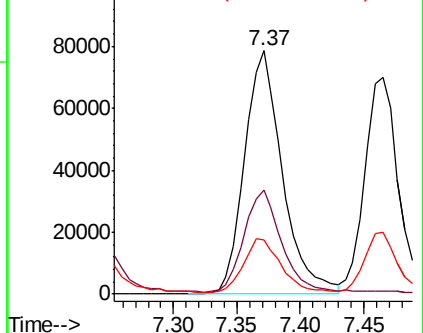
65 22.5 17.6 26.4

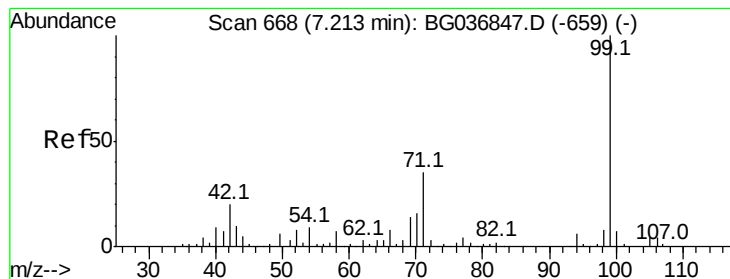


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.436 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

Instrument :

BNA_F

ClientSampleId :

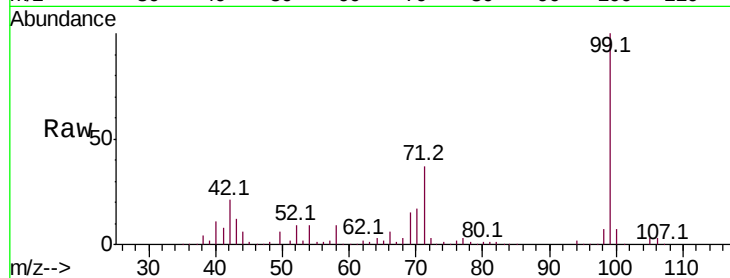
Tot Ion: 99 Resp: 529258

Ion Ratio Lower Upper

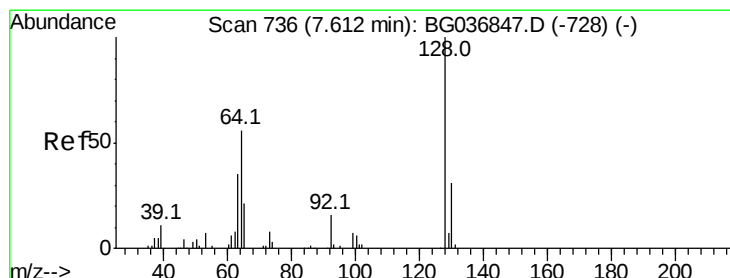
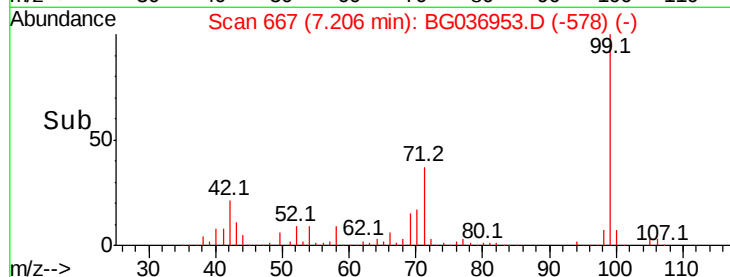
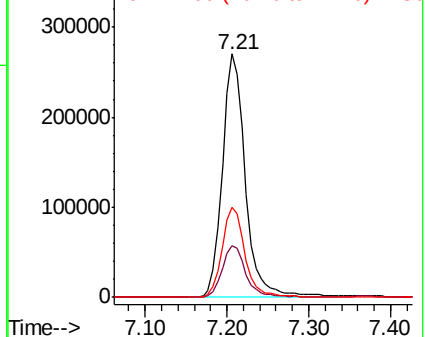
99 100

42 21.1 16.5 24.7

71 37.0 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: 43.770 ng

RT: 7.61 min Scan# 735

Delta R.T. -0.01 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

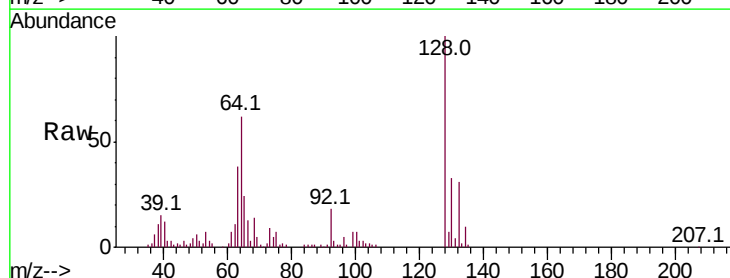
Tgt Ion:128 Resp: 130289

Ion Ratio Lower Upper

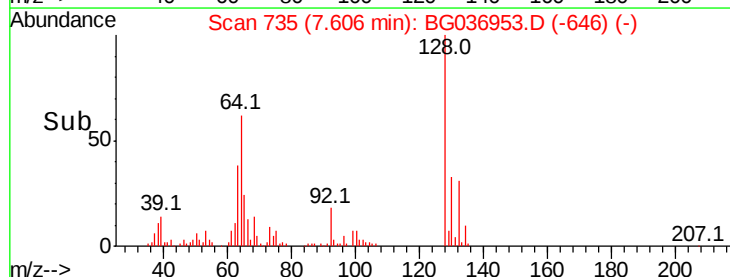
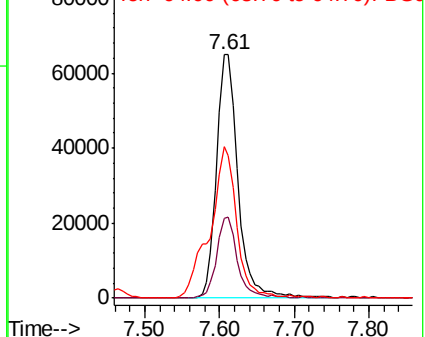
128 100

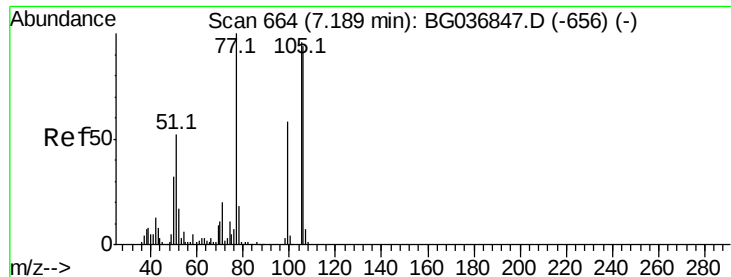
130 32.6 10.0 50.0

64 62.3 36.0 76.0



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





#9

Benzaldehyde

Concen: 33.996 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

Instrument :

BNA_F

ClientSampled :

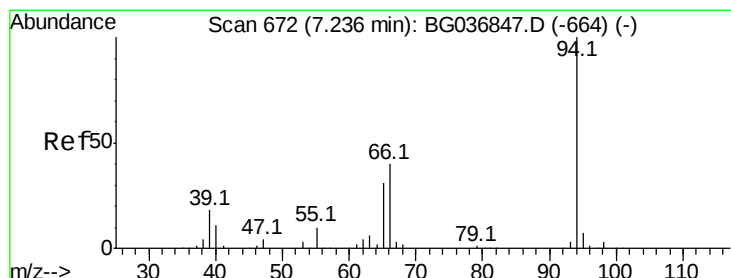
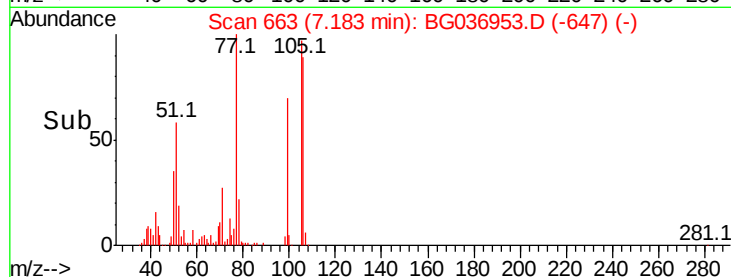
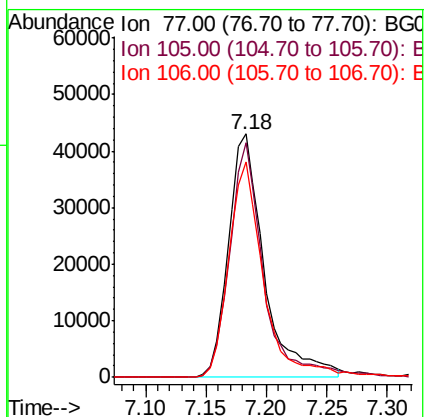
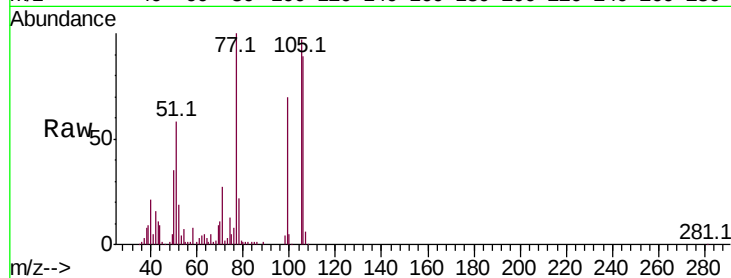
Tot Ion: 77 Resp: 89101

Ion Ratio Lower Upper

77 100

105 96.5 70.5 110.5

106 88.6 69.8 109.8



#10

Phenol

Concen: 47.016 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

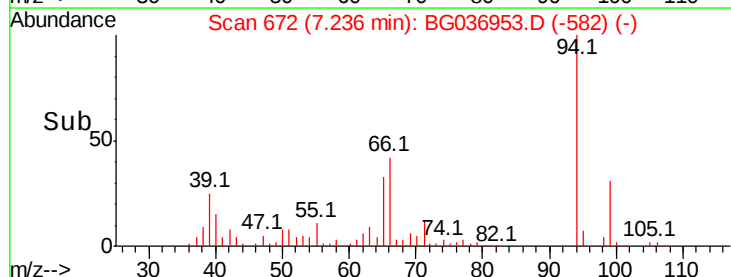
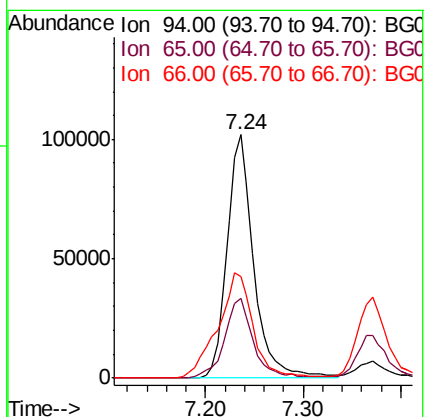
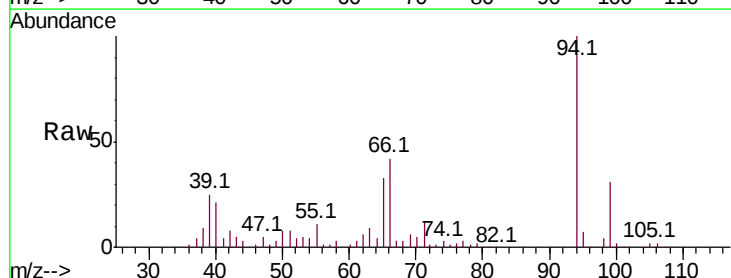
Tgt Ion: 94 Resp: 192459

Ion Ratio Lower Upper

94 100

65 32.8 11.5 51.5

66 41.8 19.5 59.5

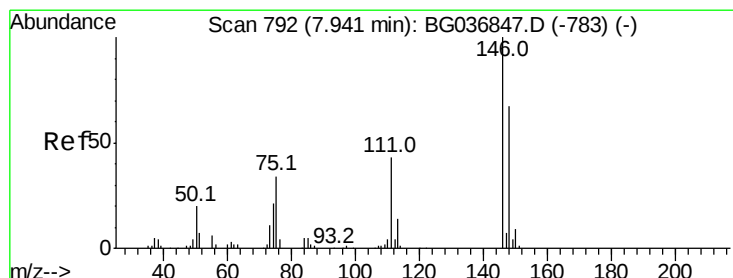
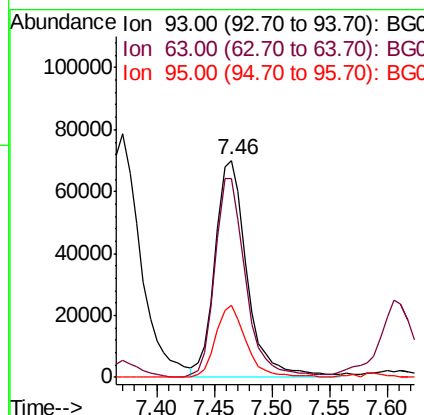
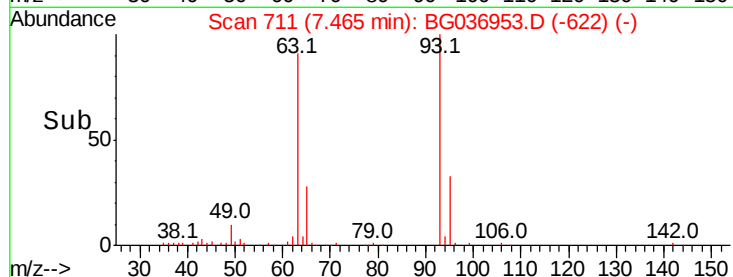
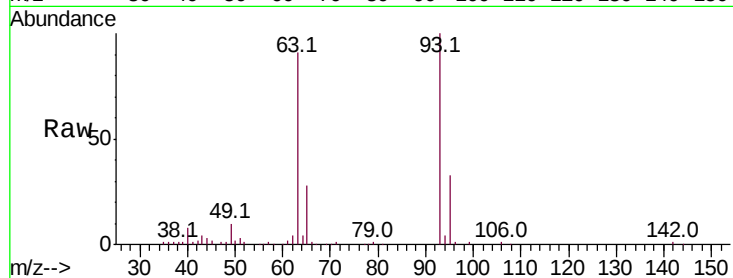




#11
 bis(2-Chloroethyl)ether
 Concen: 35.528 ng
 RT: 7.46 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

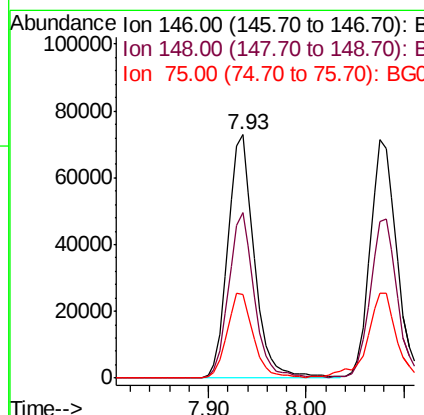
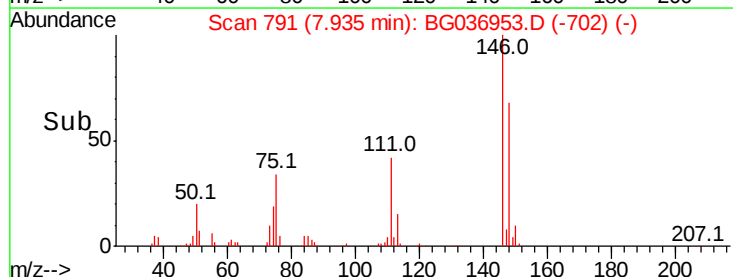
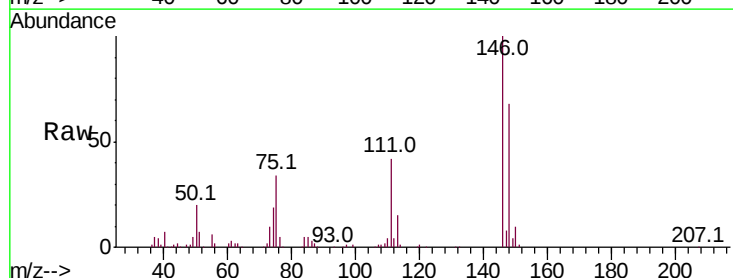
Instrument :
 BNA_F
 ClientSampled :

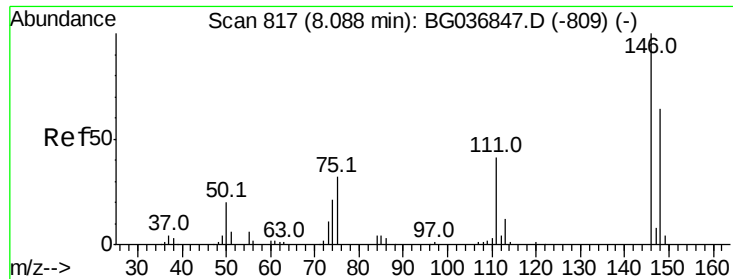
Tot Ion: 93 Resp: 134529
 Ion Ratio Lower Upper
 93 100
 63 91.4 69.9 109.9
 95 33.0 11.7 51.7



#12
 1,3-Dichlorobenzene
 Concen: 37.446 ng
 RT: 7.93 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Tgt Ion: 146 Resp: 136655
 Ion Ratio Lower Upper
 146 100
 148 68.1 53.8 80.6
 75 34.3 27.2 40.8

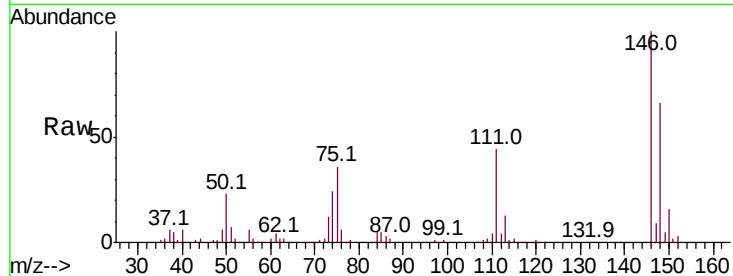




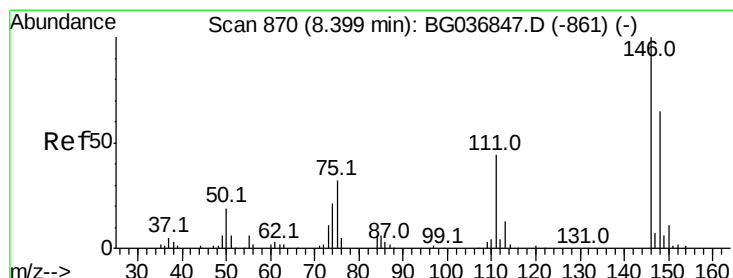
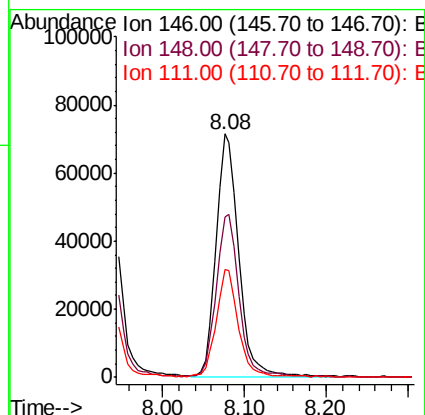
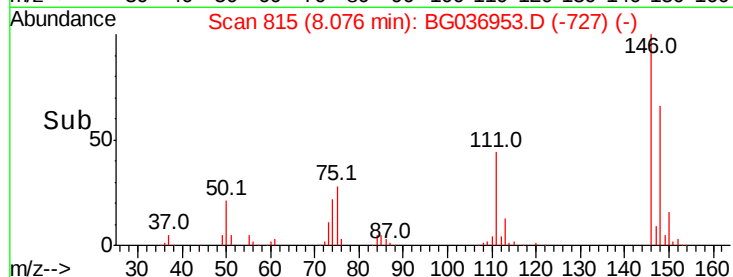
#13
 1,4-Dichlorobenzene
 Concen: 36.764 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 137299
 Ion Ratio Lower Upper
 146 100
 148 65.7 53.9 80.9
 111 44.3 33.8 50.6

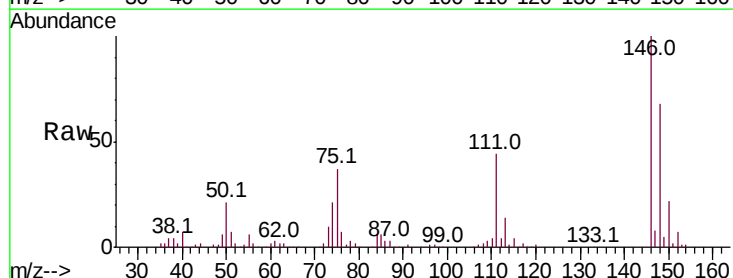


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

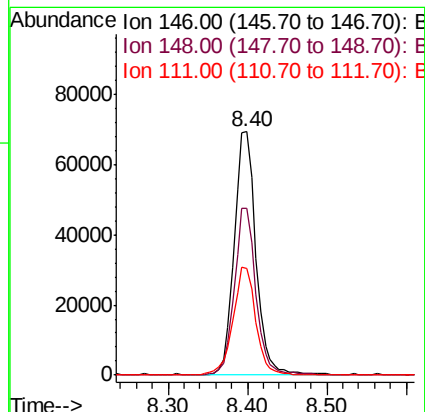
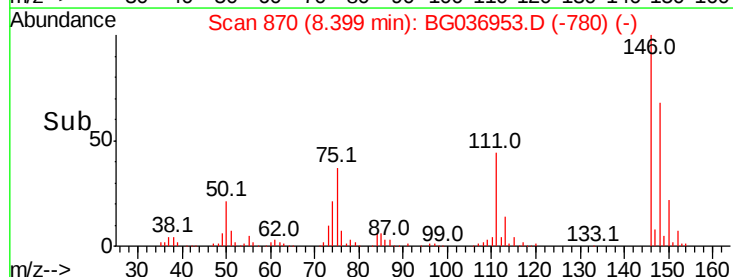


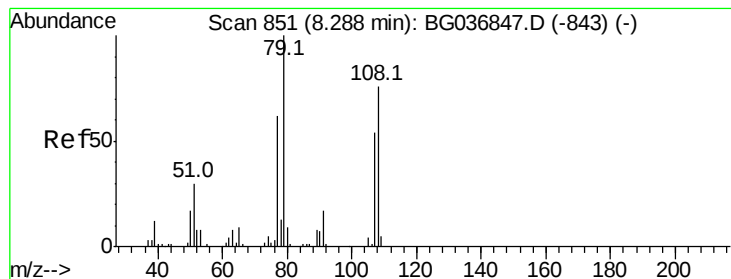
#14
 1,2-Dichlorobenzene
 Concen: 36.589 ng
 RT: 8.40 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Tgt Ion:146 Resp: 132419
 Ion Ratio Lower Upper
 146 100
 148 68.4 55.0 82.6
 111 43.9 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: 40.101 ng

RT: 8.28 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

Instrument :

BNA_F

ClientSampleId :

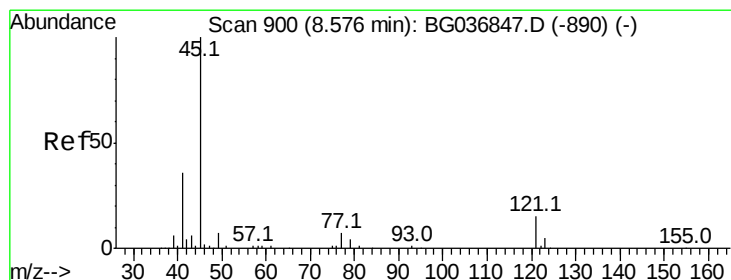
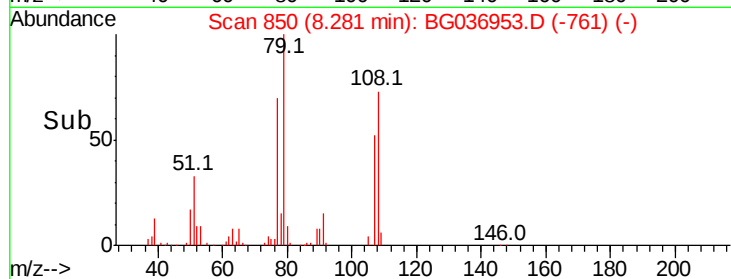
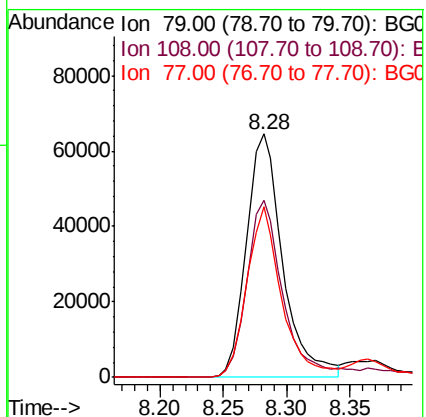
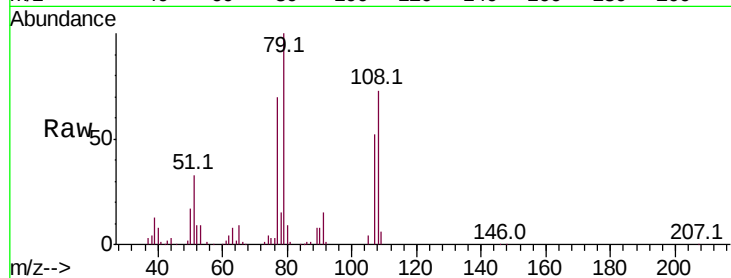
Tot Ion: 79 Resp: 129060

Ion Ratio Lower Upper

79 100

108 72.9 55.9 83.9

77 70.0 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.368 ng

RT: 8.57 min Scan# 899

Delta R.T. -0.01 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

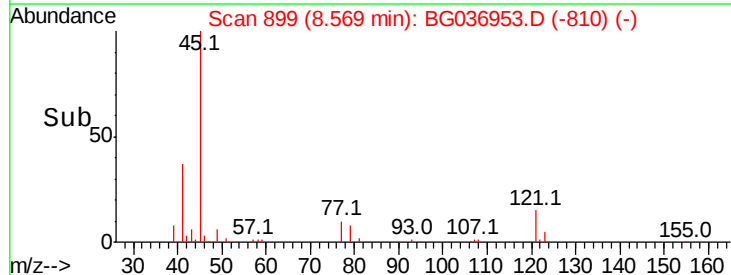
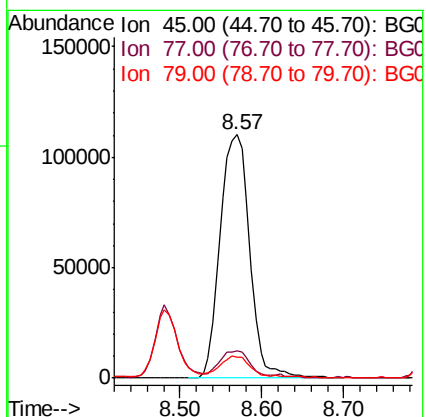
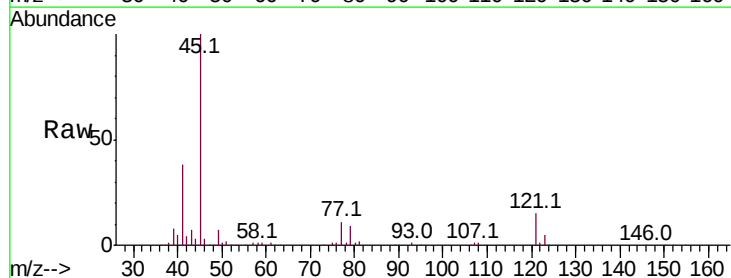
Tgt Ion: 45 Resp: 278923

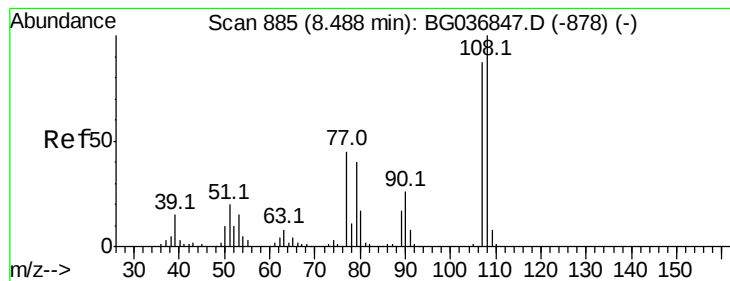
Ion Ratio Lower Upper

45 100

77 11.4 0.0 30.5

79 8.8 0.0 27.9

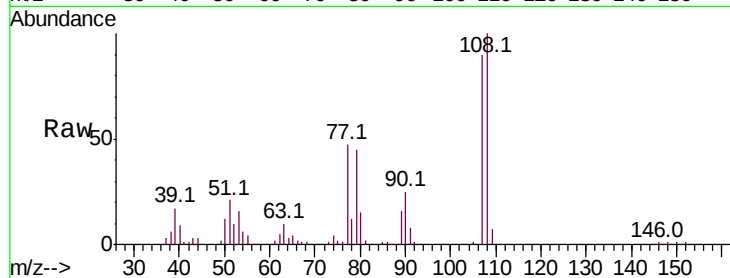




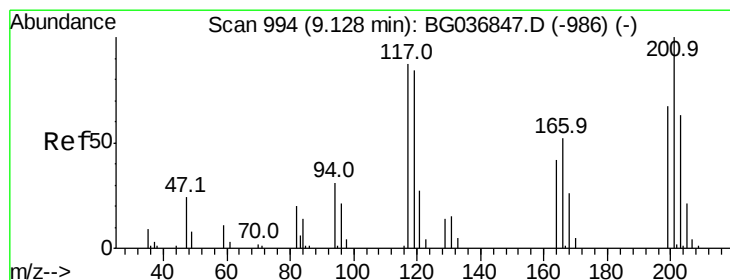
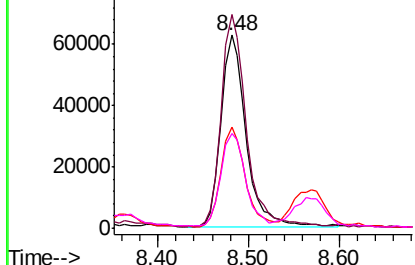
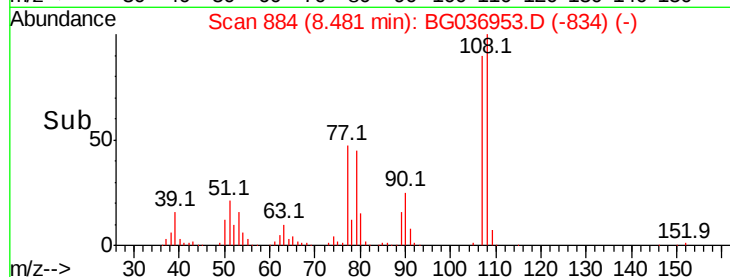
#17
2-Methylphenol
Concen: 42.327 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	120691
Ion	Ratio	Lower	Upper
107	100		
108	110.5	86.7	130.1
77	52.4	39.0	58.4
79	49.3	36.6	54.8

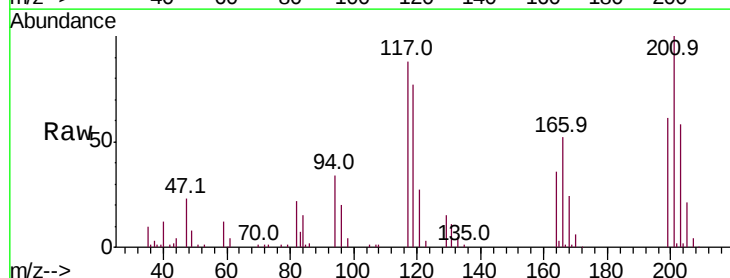


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

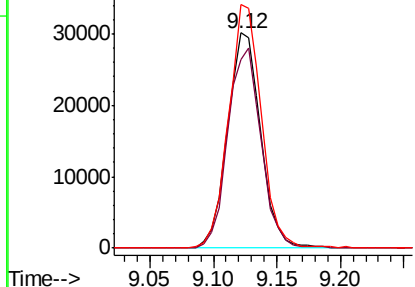
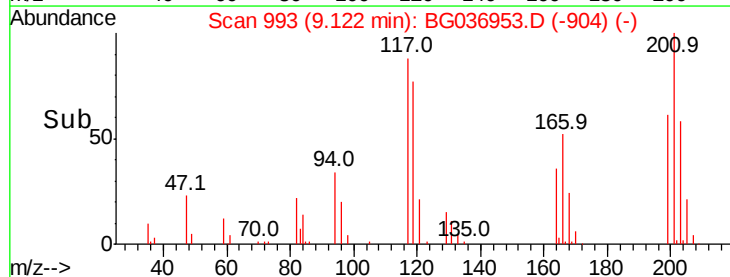


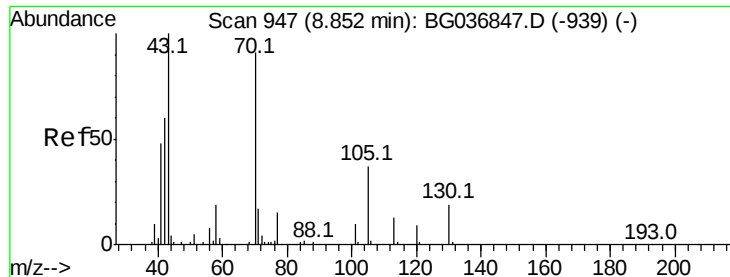
#18
Hexachloroethane
Concen: 39.396 ng
RT: 9.12 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Tgt Ion:	117	Resp:	54143
Ion	Ratio	Lower	Upper
117	100		
119	87.6	76.8	115.2
201	113.1	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

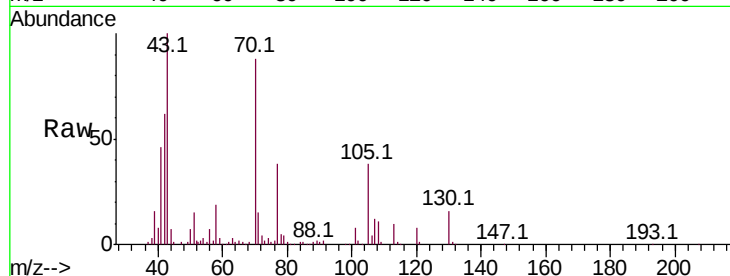




#19
n-Nitroso-di-n-propylamine
Concen: 36.705 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	121112
Ion	Ratio	Lower	Upper
70	100		
42	70.6	56.2	84.4
101	9.6	7.8	11.6
130	18.6	16.2	24.2



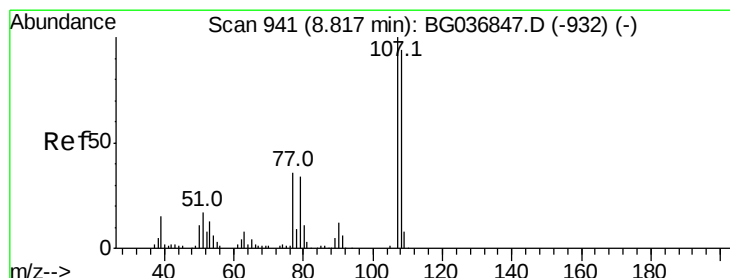
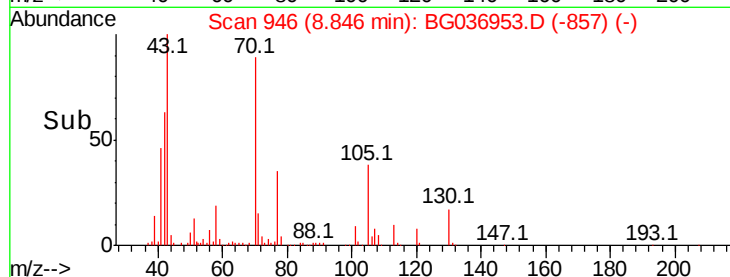
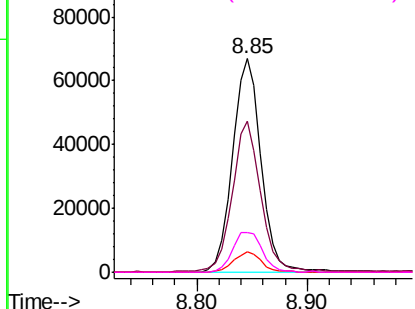
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

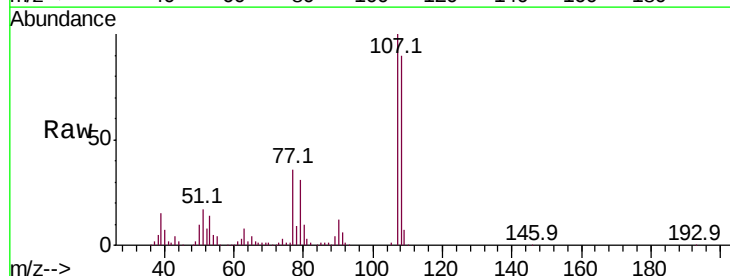
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 44.076 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Tgt Ion:	107	Resp:	174840
Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.0	108.0
77	35.8	15.6	55.6
79	31.4	9.9	49.9



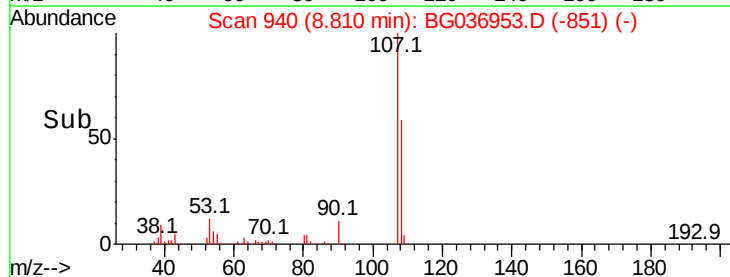
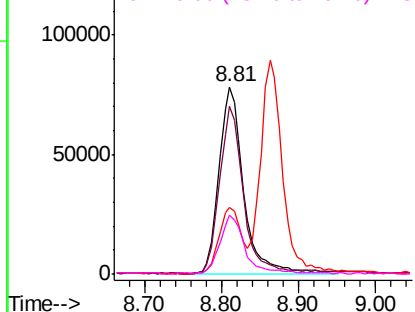
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

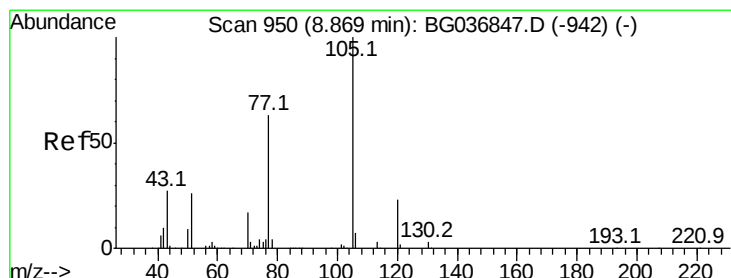
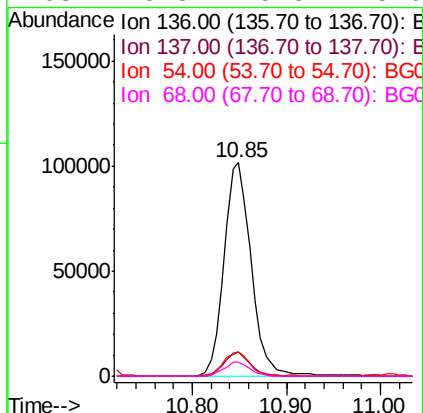
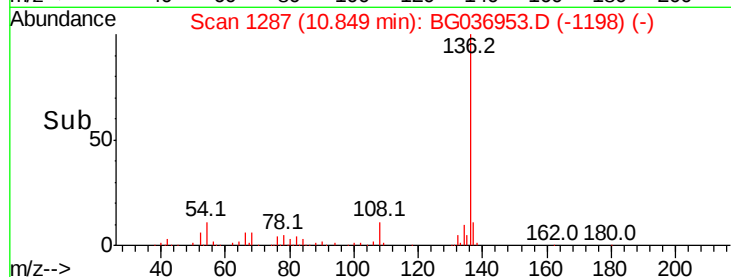
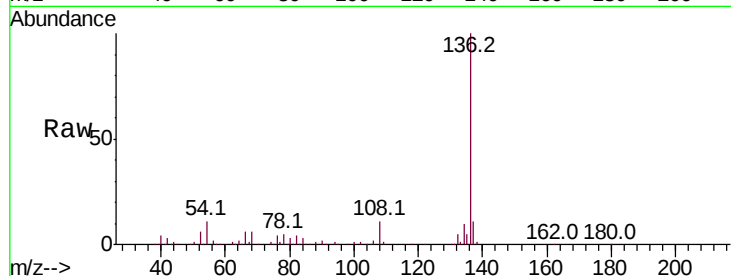




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

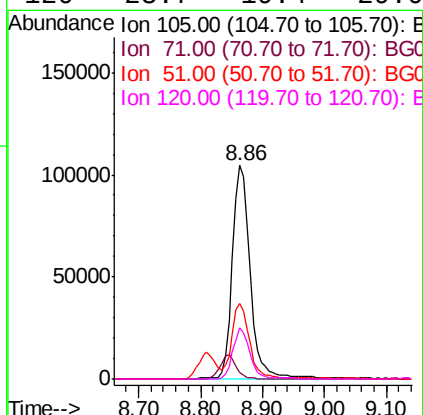
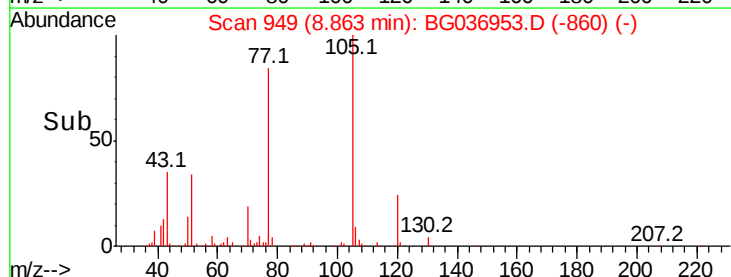
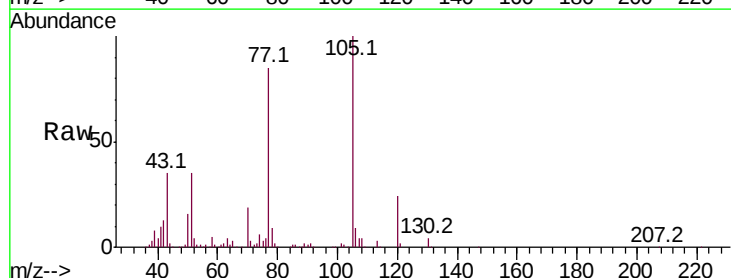
Instrument :
BNA_F
ClientSampleId :

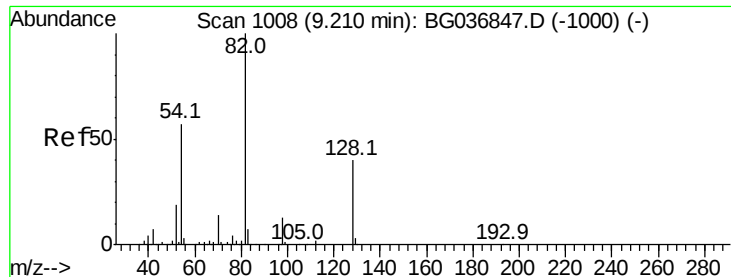
Tot Ion:136	Resp:	203830
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.8 13.2
54	11.4	9.2 13.8
68	6.3	5.8 8.6



#22
Acetophenone
Concen: 44.275 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Tgt Ion:105	Resp:	212075
Ion Ratio	Lower	Upper
105	100	
71	3.1	2.4 3.6
51	35.5	25.9 38.9
120	23.7	19.4 29.0

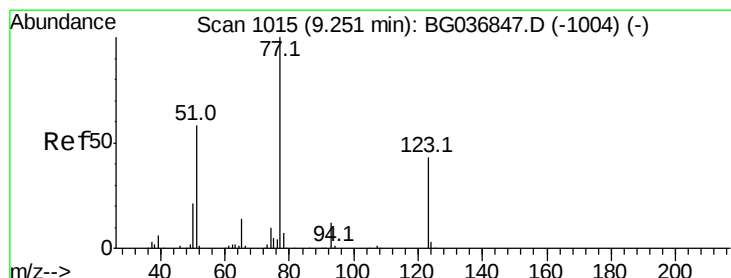
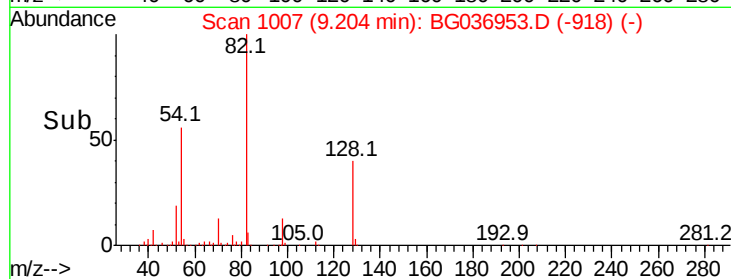
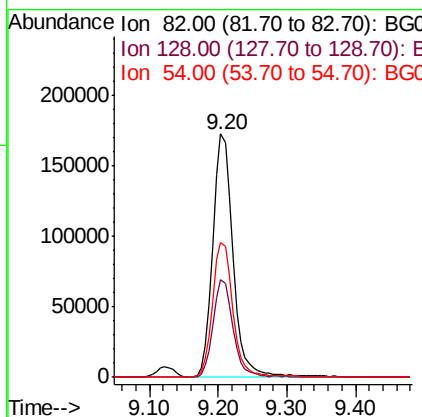
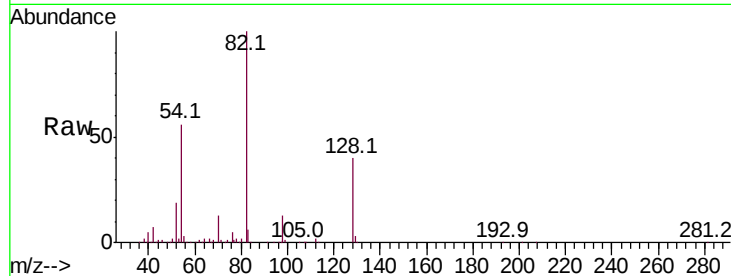




#23
 Nitrobenzene-d5
 Concen: 92.468 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

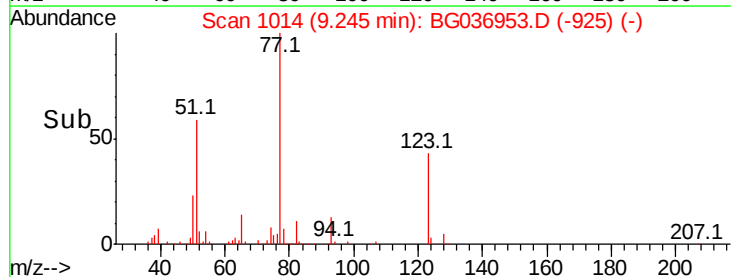
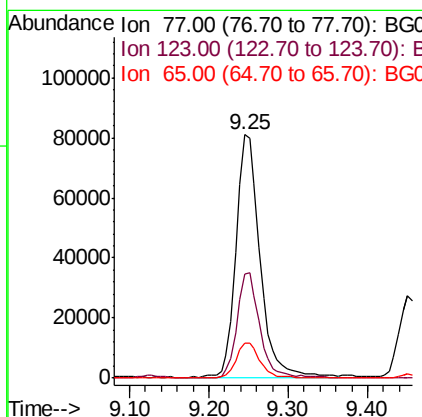
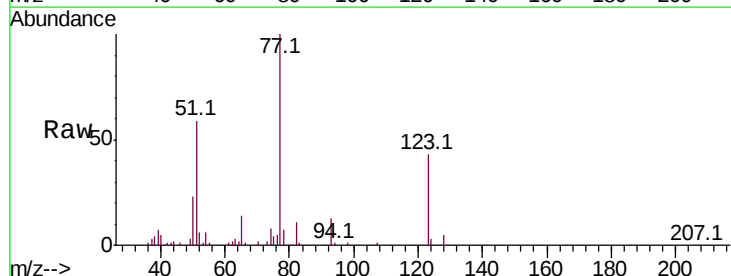
Instrument :
 BNA_F
 ClientSampled :

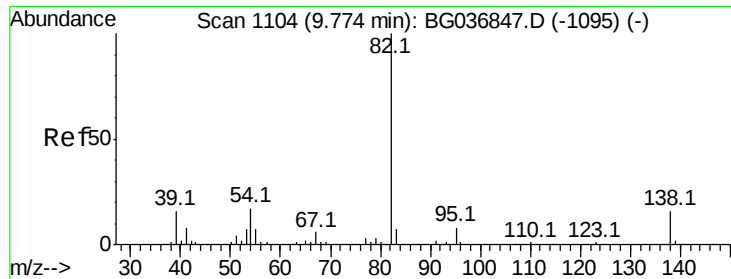
Tot Ion	82	Resp	351960
Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.3	49.9
54	55.6	45.1	67.7



#24
 Nitrobenzene
 Concen: 41.671 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Tgt Ion	77	Resp	169381
Ion	Ratio	Lower	Upper
77	100		
123	42.6	32.4	48.6
65	14.3	11.5	17.3





#25

Isophorone

Concen: 52.170 ng

RT: 9.77 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

Instrument :

BNA_F

ClientSampleId :

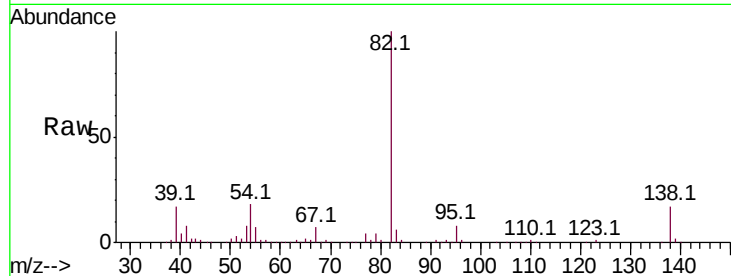
Tot Ion: 82 Resp: 362836

Ion Ratio Lower Upper

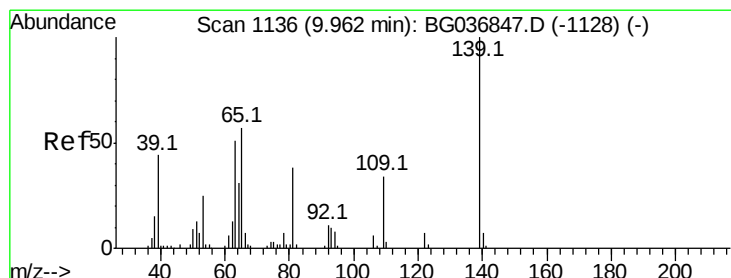
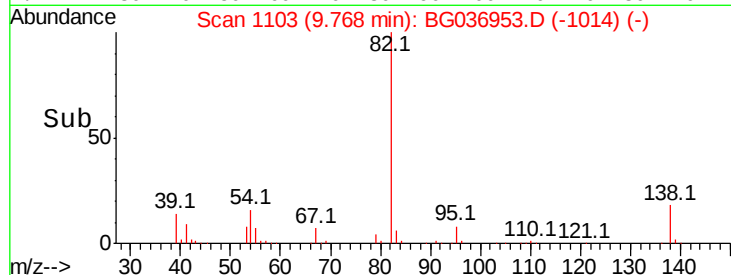
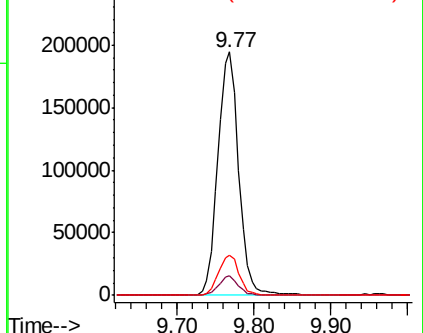
82 100

95 8.0 5.8 8.8

138 16.7 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: 47.703 ng

RT: 9.96 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

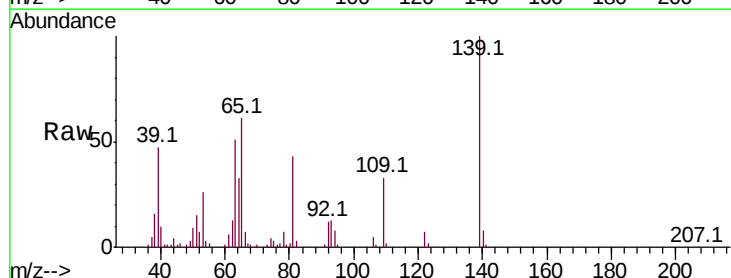
Tgt Ion: 139 Resp: 77288

Ion Ratio Lower Upper

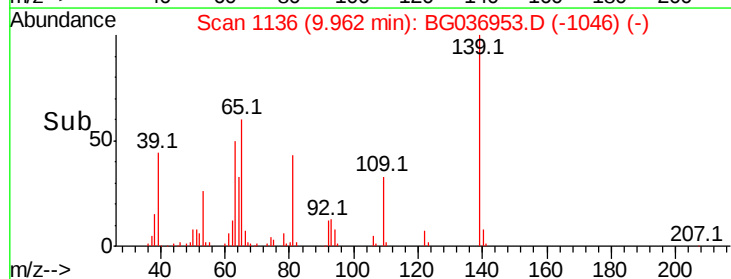
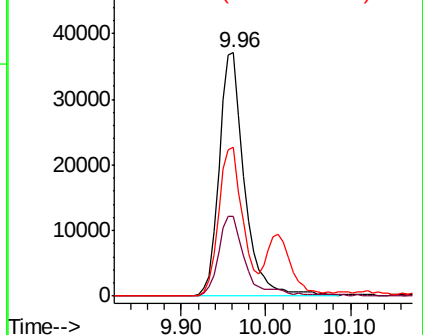
139 100

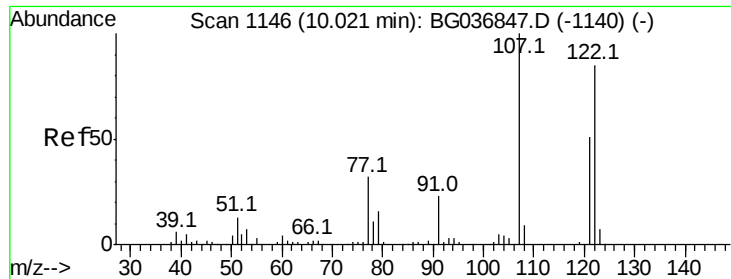
109 33.0 27.4 41.0

65 60.9 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

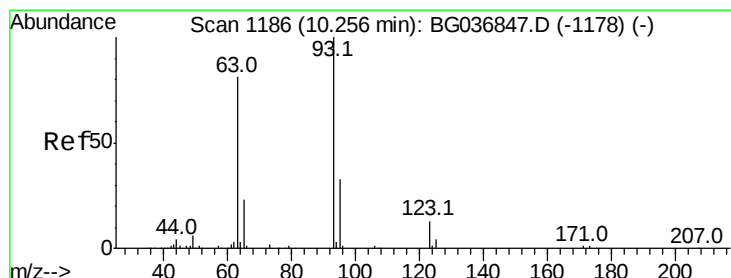
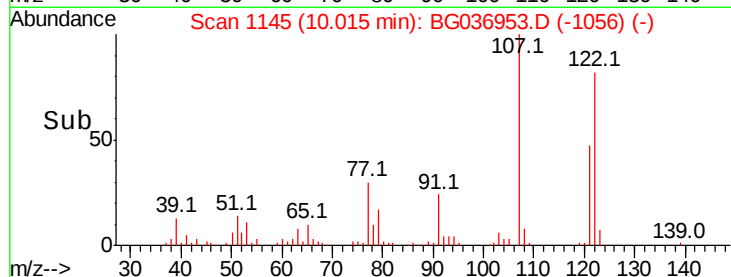
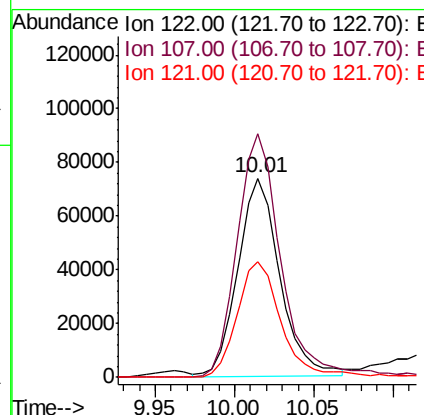
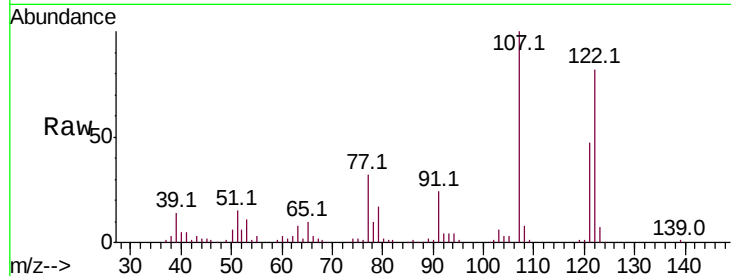




#27
 2,4-Dimethylphenol
 Concen: 53.798 ng
 RT: 10.01 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

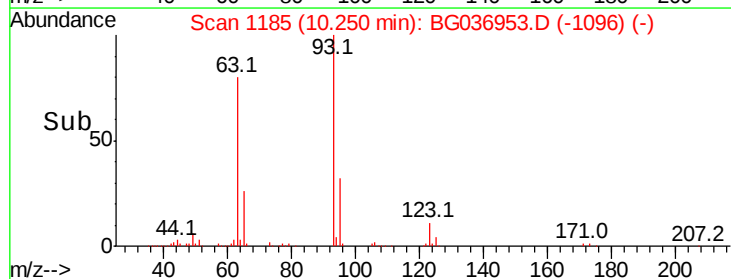
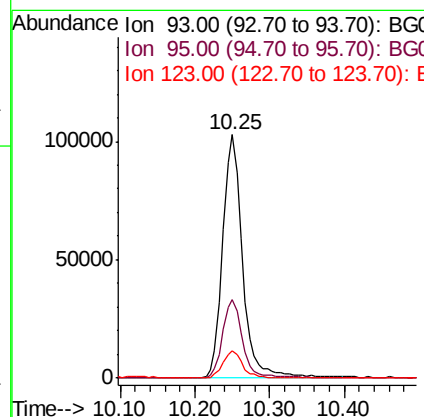
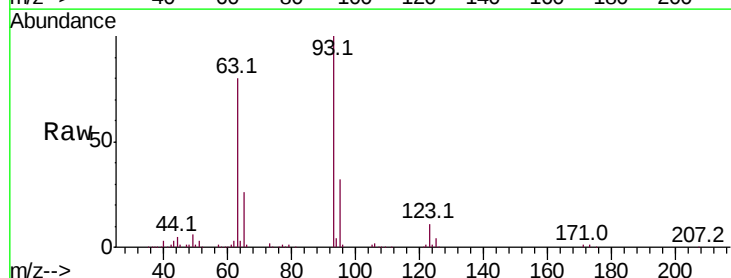
Instrument :
 BNA_F
 ClientSampleId :

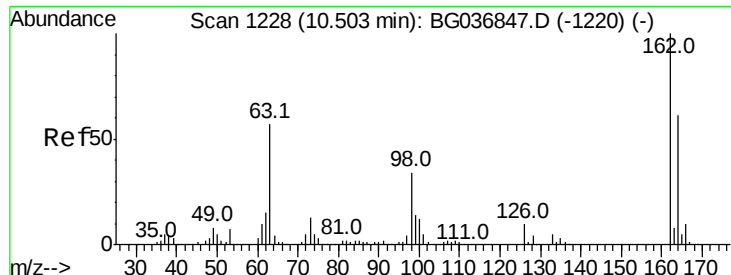
Tot Ion:122 Resp: 135773
 Ion Ratio Lower Upper
 122 100
 107 122.2 96.0 144.0
 121 57.8 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.550 ng
 RT: 10.25 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Tgt Ion: 93 Resp: 191186
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.2 37.8
 123 11.1 8.6 12.8

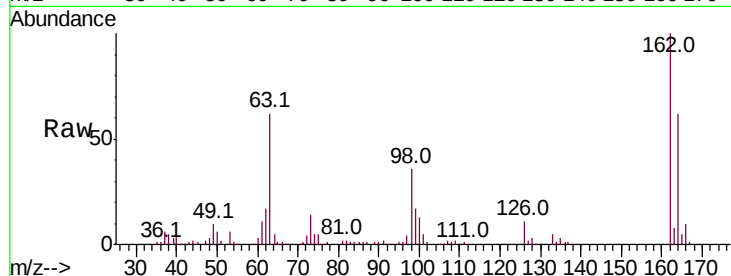




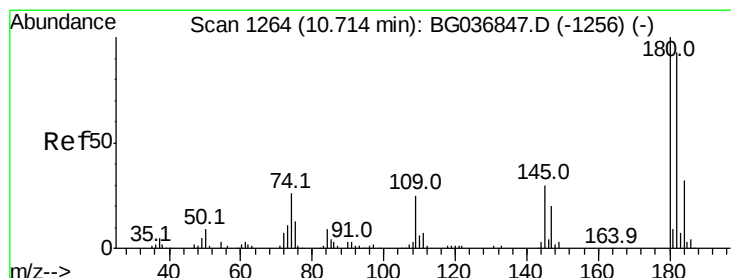
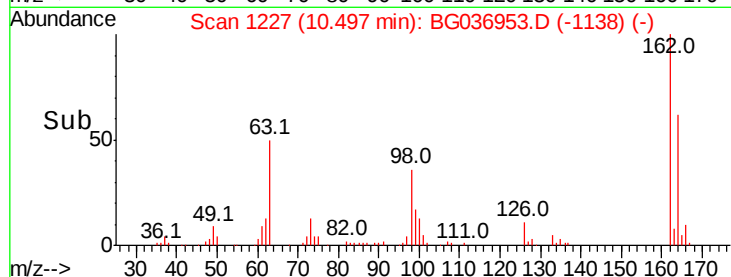
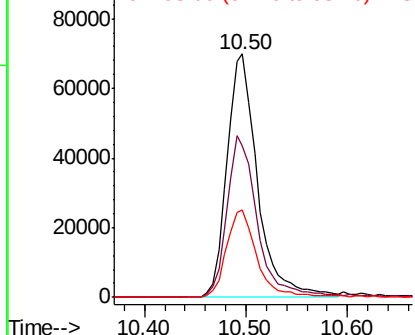
#29
 2,4-Dichlorophenol
 Concen: 50.056 ng
 RT: 10.50 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	47.6	87.6
98	36.1	19.2	59.2

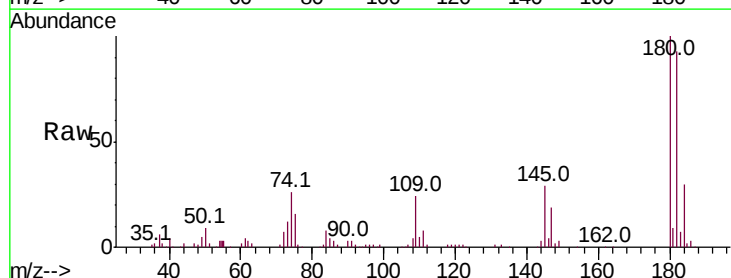


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

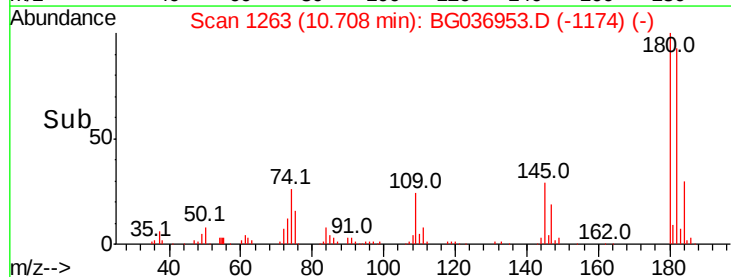
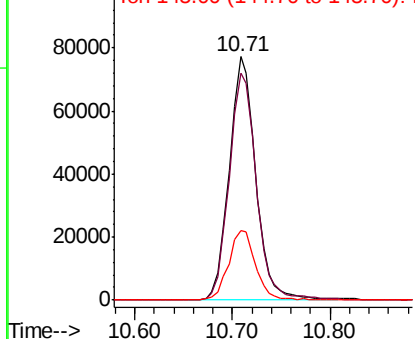


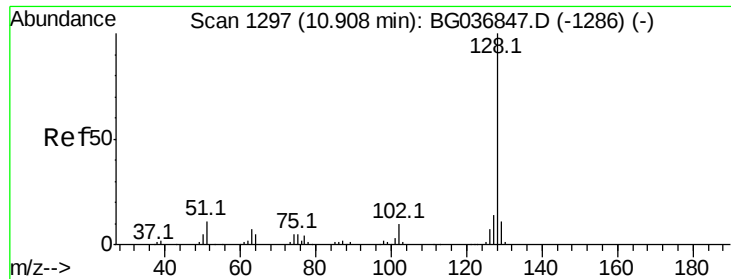
#30
 1,2,4-Trichlorobenzene
 Concen: 39.795 ng
 RT: 10.71 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.0	114.0
145	28.7	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

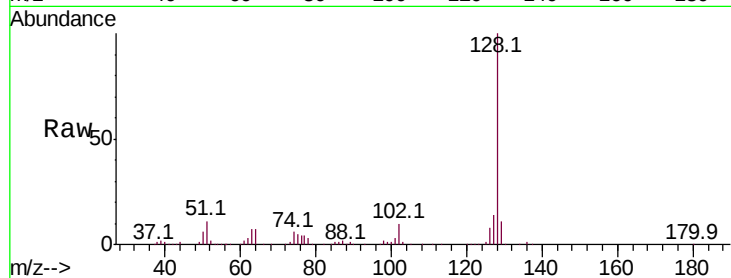




#31
Naphthalene
Concen: 43.779 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	14.0	11.0	16.4

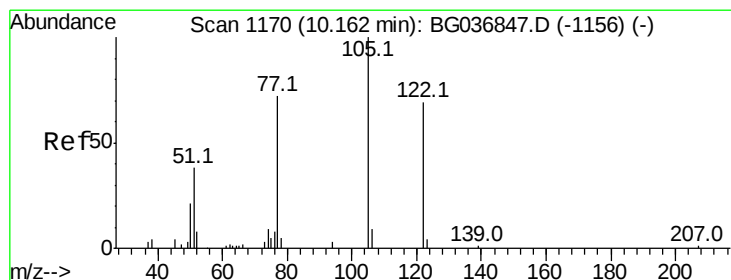
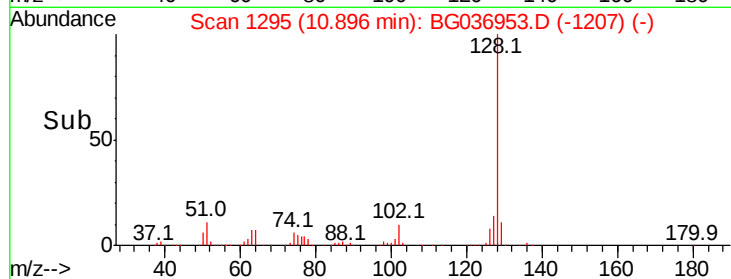
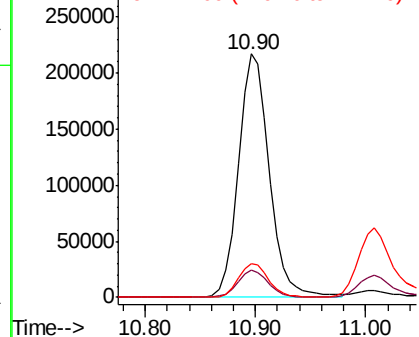


Abundance

Ion 128.00 (127.70 to 128.70): E

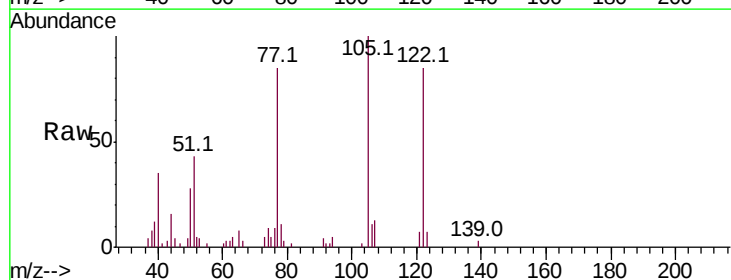
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 17.180 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.1	108.1	148.1
77	99.9	76.3	116.3

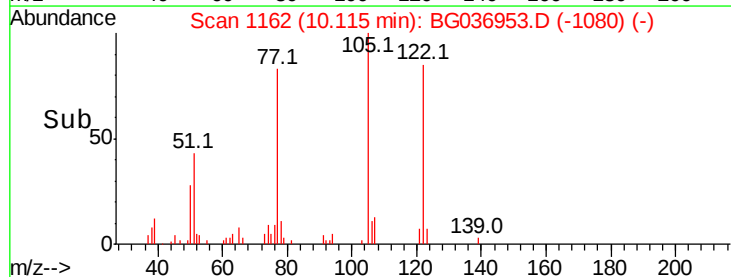
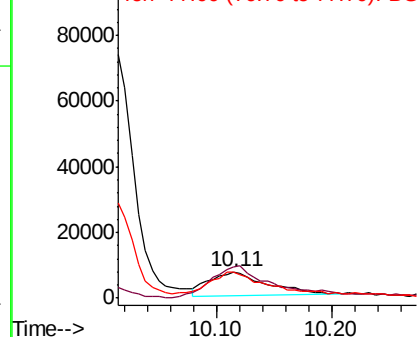


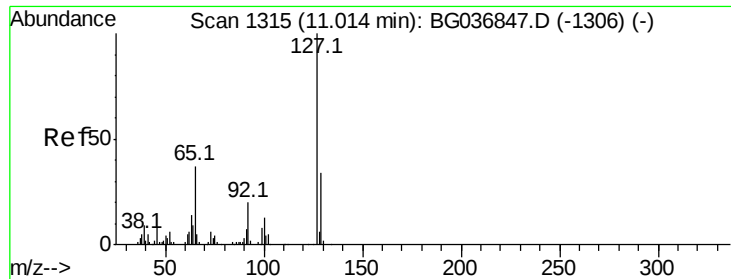
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





#33

4-Chloroaniline

Concen: 32.312 ng

RT: 11.01 min Scan# 1314

Delta R.T. -0.01 min

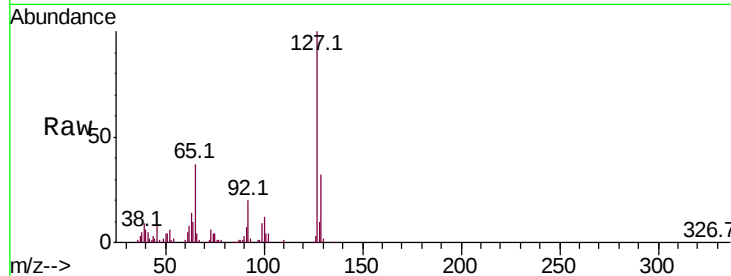
Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 142483

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	36.9	27.5	41.3
92	19.9	16.2	24.2

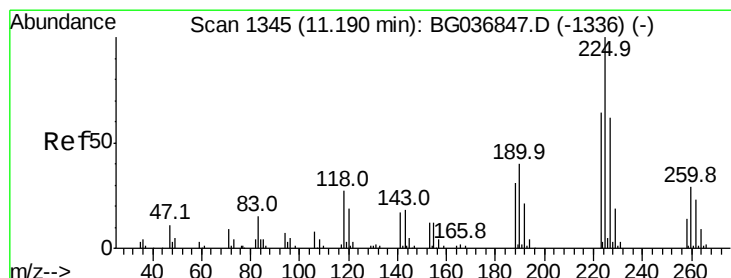
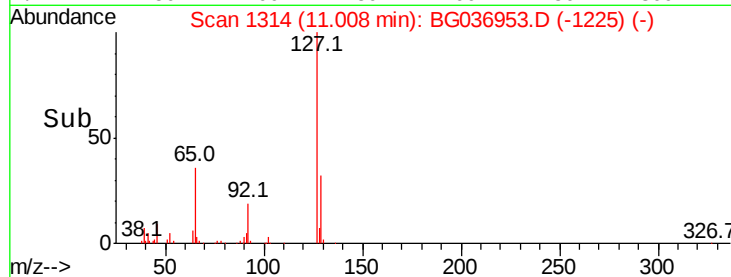
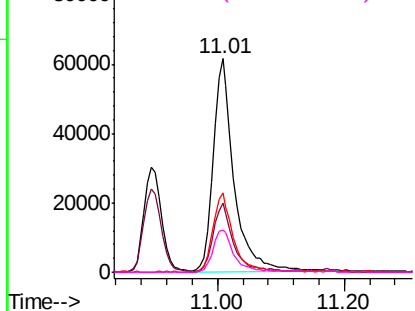


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34

Hexachlorobutadiene

Concen: 39.378 ng

RT: 11.18 min Scan# 1343

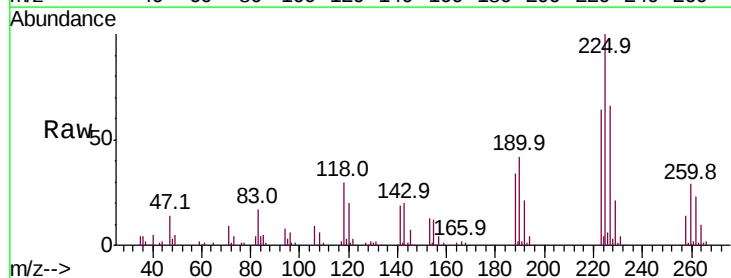
Delta R.T. -0.01 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

Tgt Ion:225 Resp: 99703

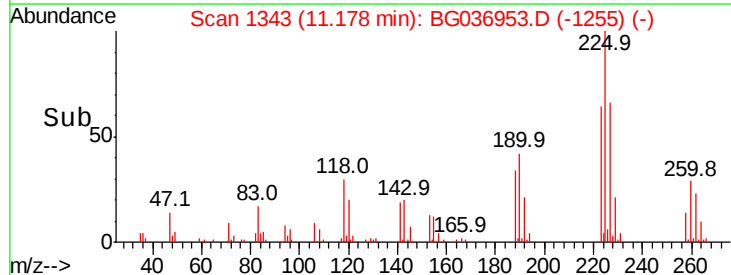
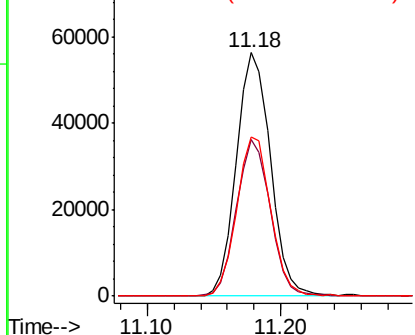
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.8	77.8
227	65.6	49.8	74.6

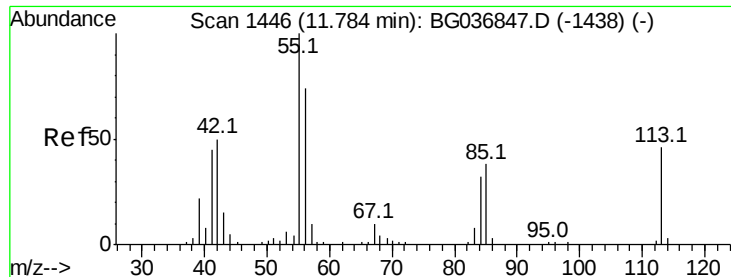


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.790 ng

RT: 11.78 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

Instrument :

BNA_F

ClientSampleId :

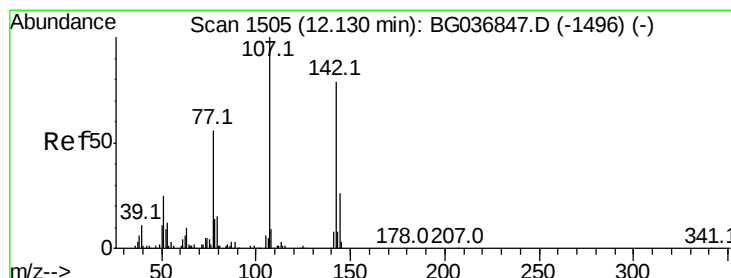
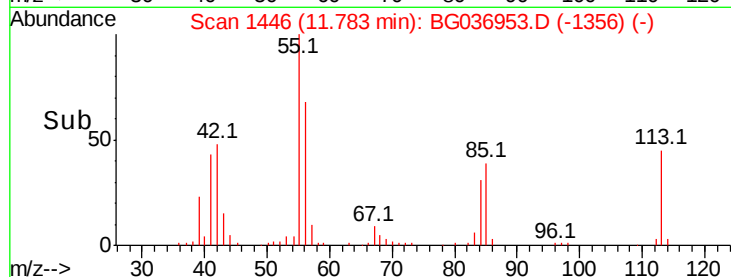
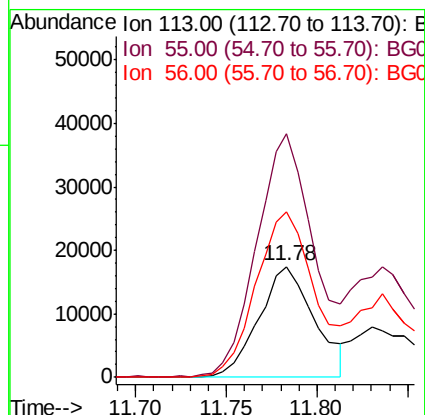
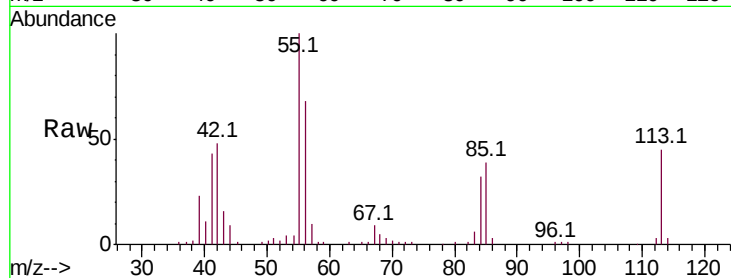
Tot Ion:113 Resp: 37076

Ion Ratio Lower Upper

113 100

55 220.0 197.7 237.7

56 149.2 131.7 171.7



#36

4-Chloro-3-methylphenol

Concen: 54.779 ng

RT: 12.12 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

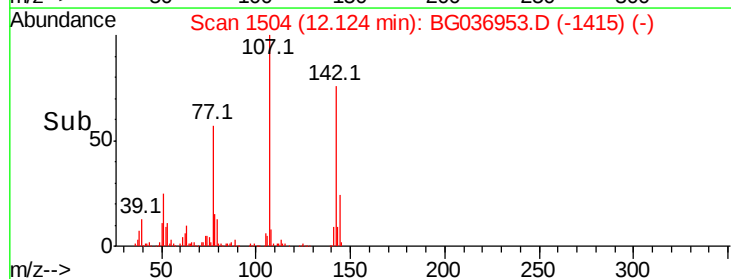
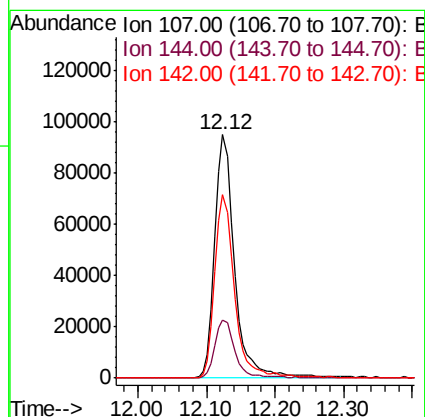
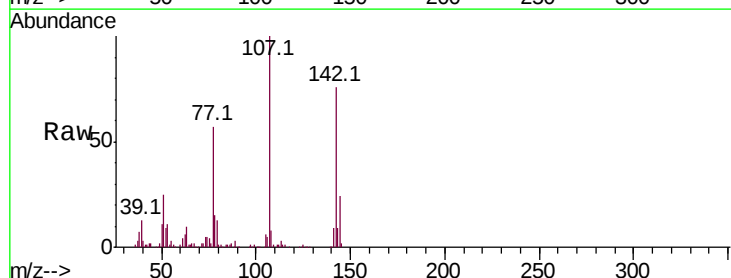
Tgt Ion:107 Resp: 191224

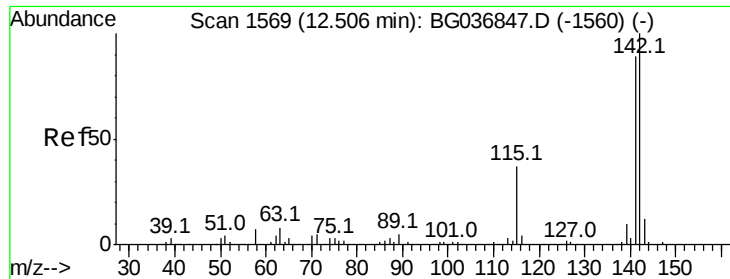
Ion Ratio Lower Upper

107 100

144 23.9 19.5 29.3

142 75.5 62.4 93.6

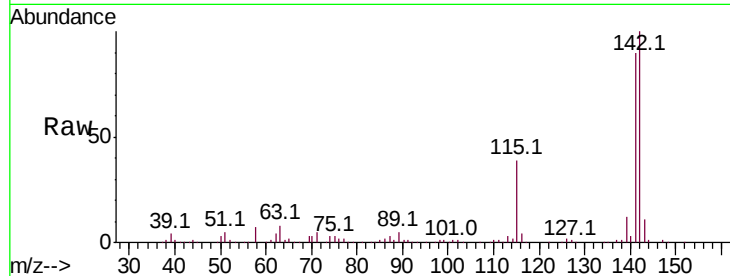




#37
2-Methylnaphthalene
Concen: 47.107 ng
RT: 12.50 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	68.5	102.7
115	38.6	29.8	44.8

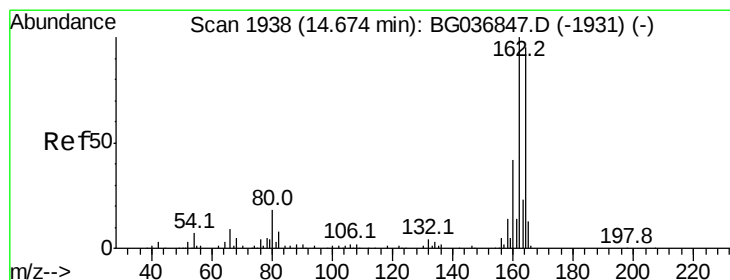
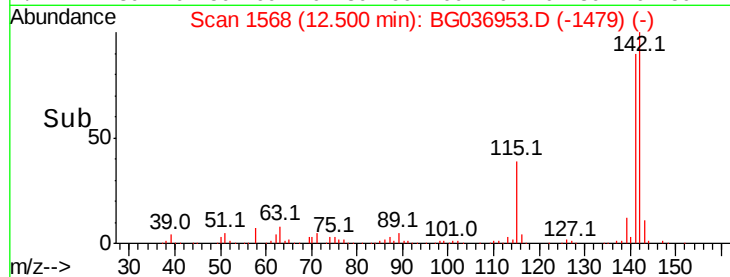
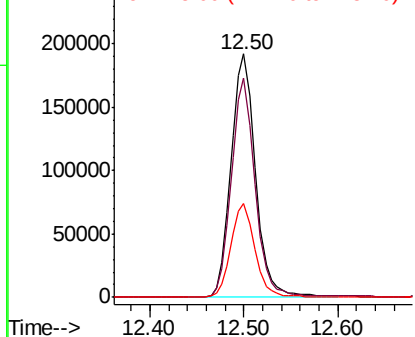


Abundance

Ion 142.00 (141.70 to 142.70): E

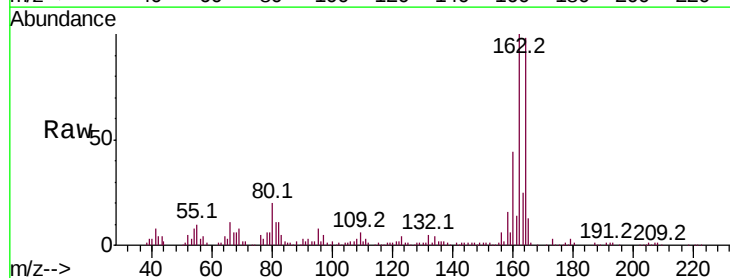
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.7	121.1
160	45.0	35.3	52.9

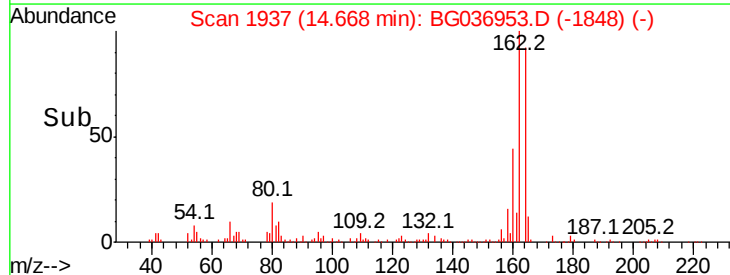
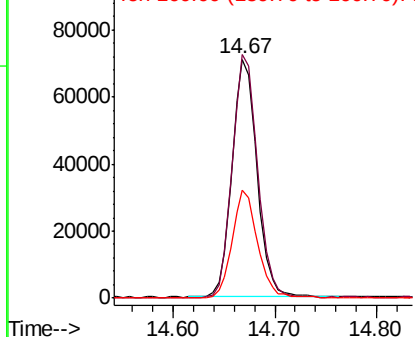


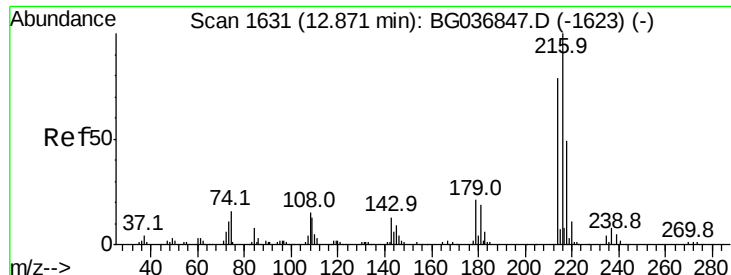
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

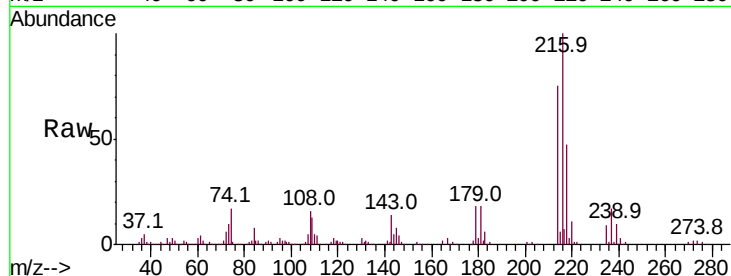




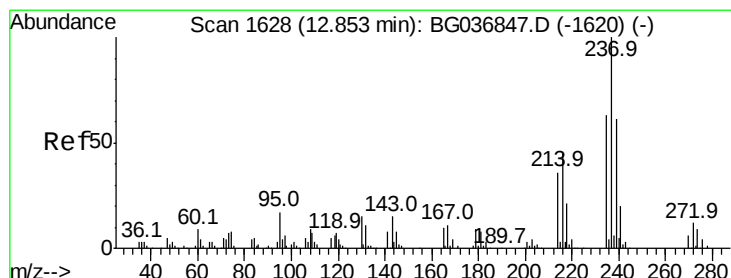
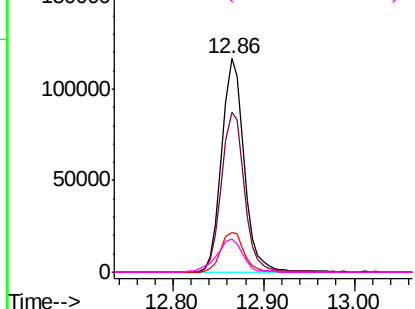
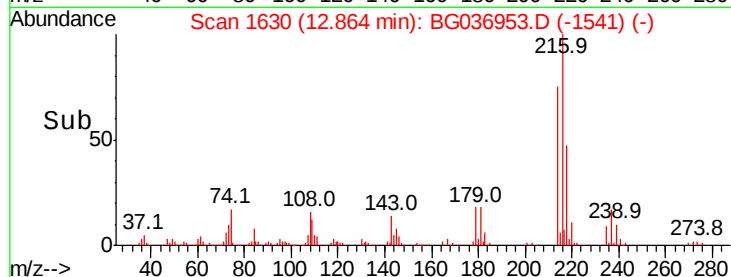
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.755 ng
 RT: 12.86 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	201151
Ion	Ratio	Lower	Upper
216	100		
214	76.5	61.0	91.6
179	19.4	15.7	23.5
108	18.0	13.1	19.7

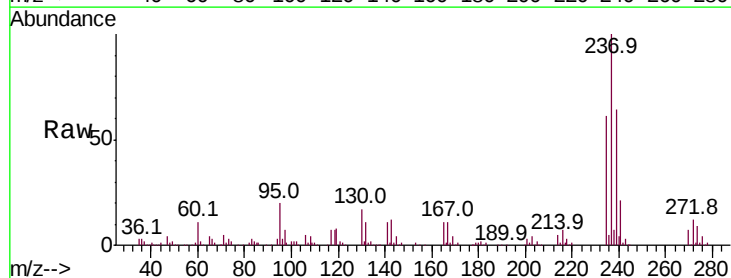


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

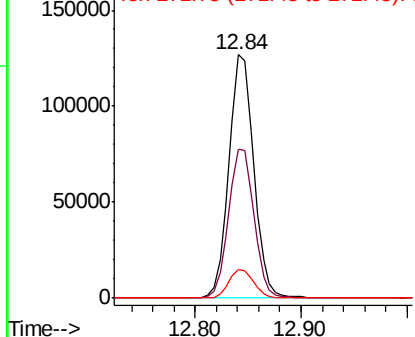
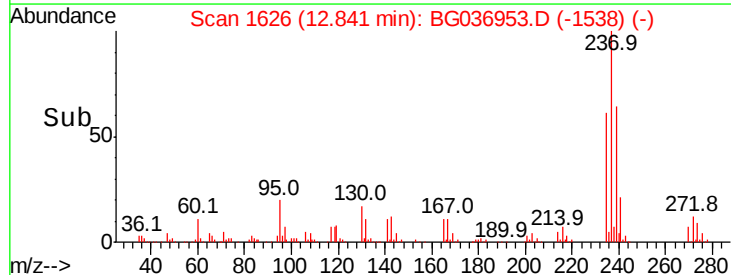


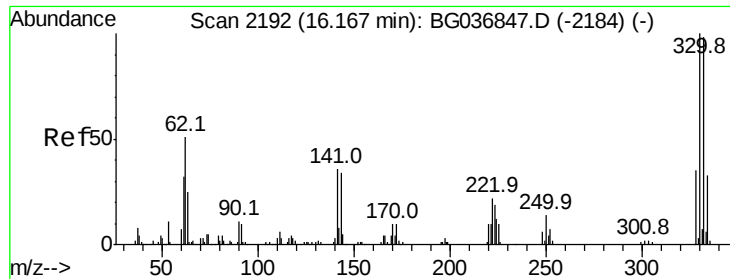
#40
 Hexachlorocyclopentadiene
 Concen: 94.577 ng
 RT: 12.84 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Tgt Ion:	237	Resp:	204885
Ion	Ratio	Lower	Upper
237	100		
235	61.0	42.2	82.2
272	11.7	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

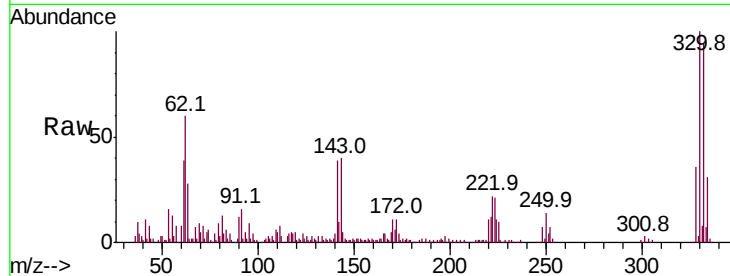




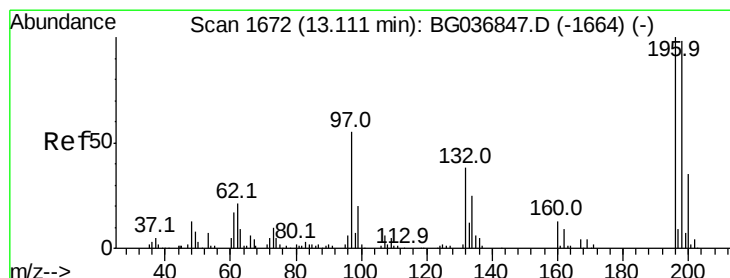
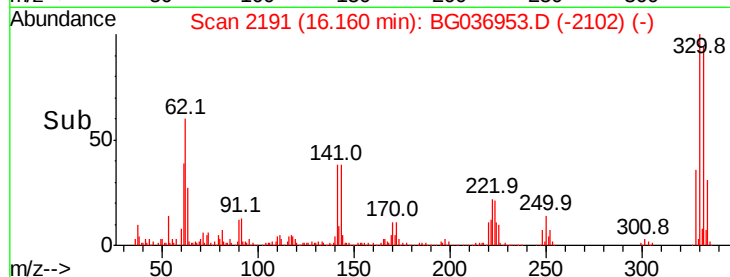
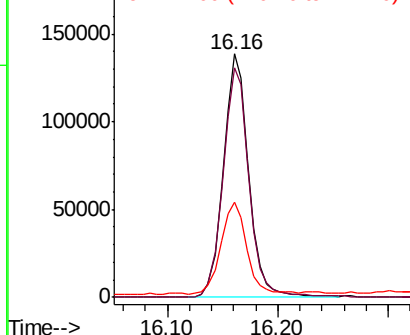
#41
 2,4,6-Tribromophenol
 Concen: 153.777 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.4	113.2
141	38.5	30.7	46.1

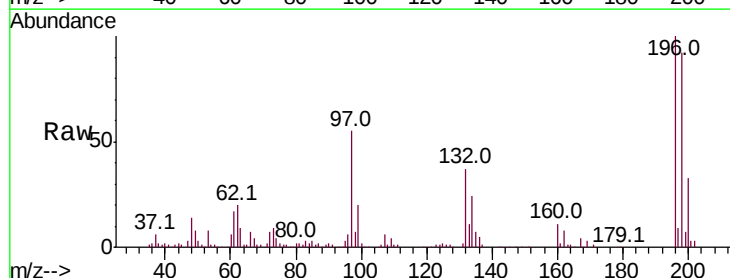


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

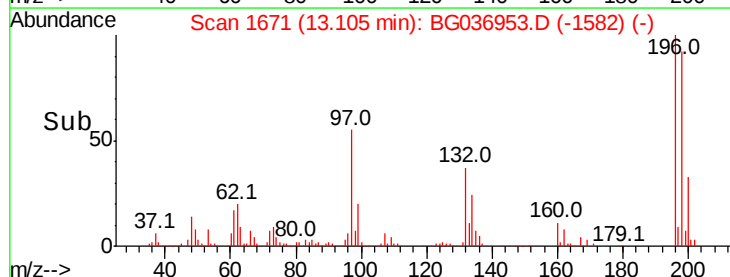
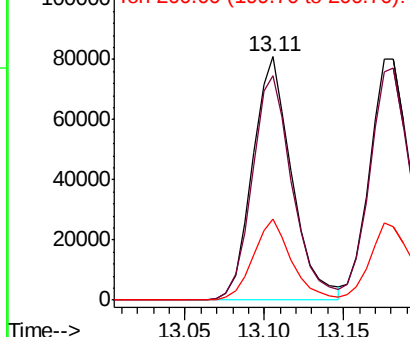


#42
 2,4,6-Trichlorophenol
 Concen: 59.619 ng
 RT: 13.11 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.3	77.2	115.8
200	33.2	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

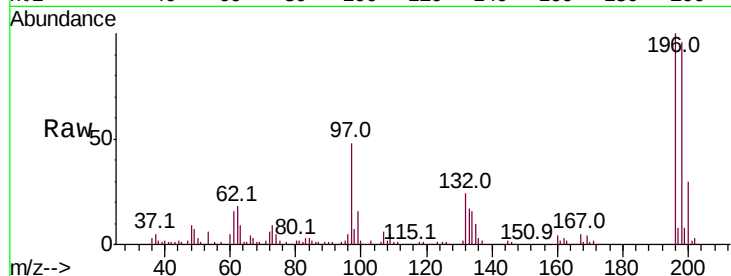




#43
 2,4,5-Trichlorophenol
 Concen: 61.364 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	153049
Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.6	113.4
97	47.8	37.2	55.8
132	24.0	19.4	29.2



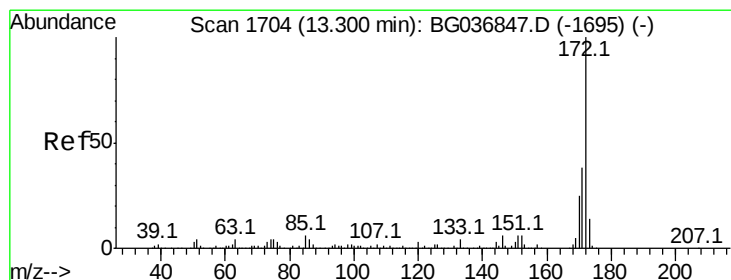
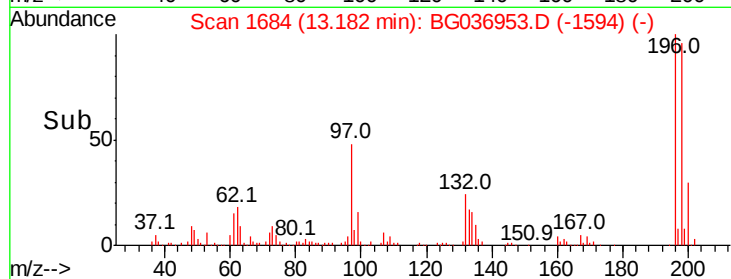
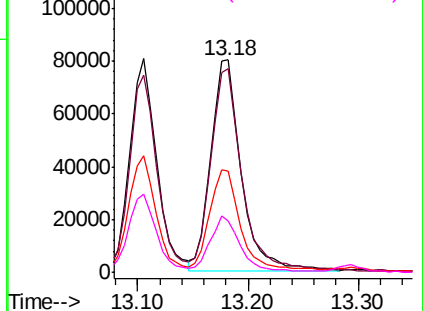
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

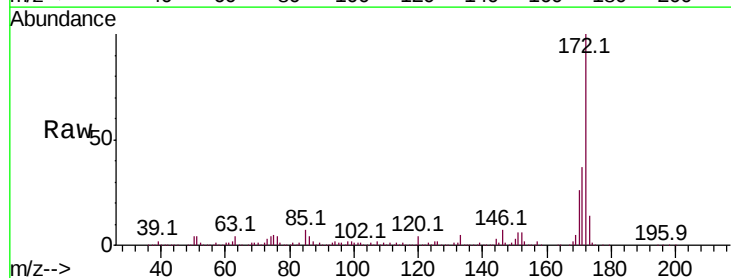
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.320 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Tgt Ion:	172	Resp:	805339
Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.3	46.9
170	25.5	21.0	31.6

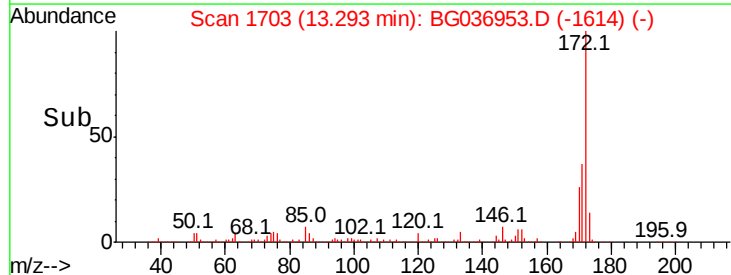
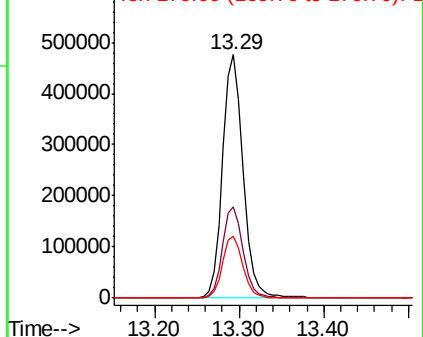


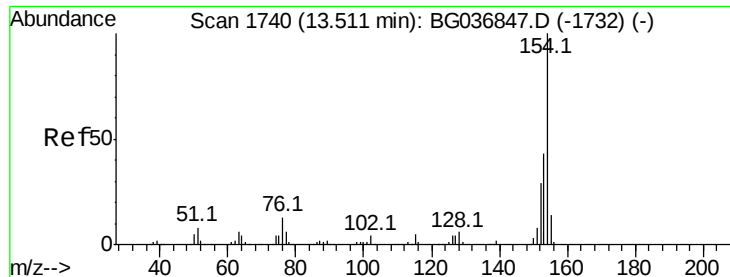
Abundance

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

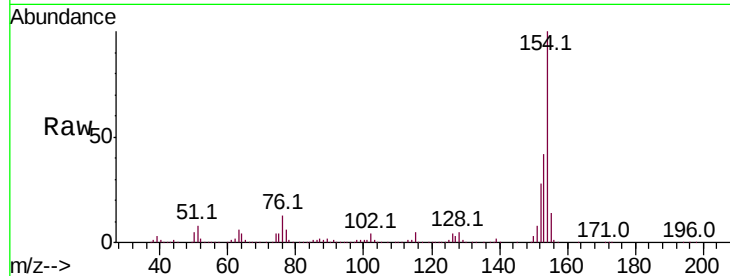




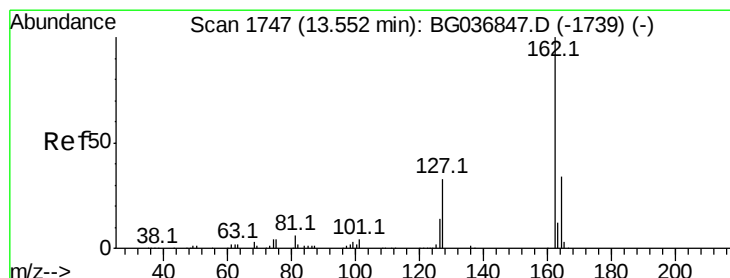
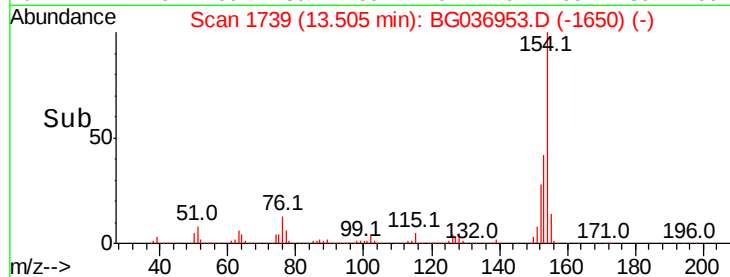
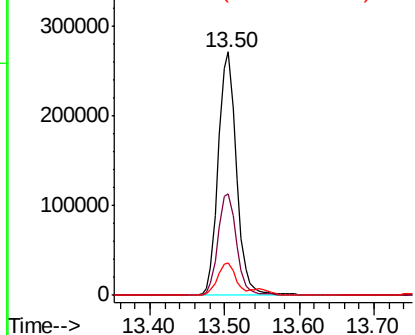
#45
 1,1'-Biphenyl
 Concen: 50.030 ng
 RT: 13.50 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.8	24.0	64.0
76	13.4	0.0	32.9

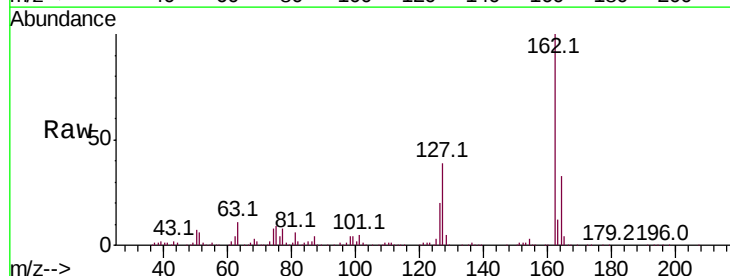


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

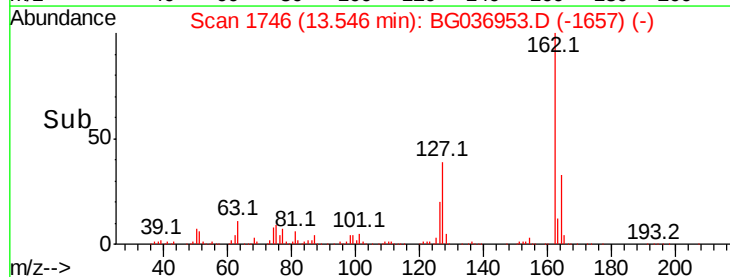
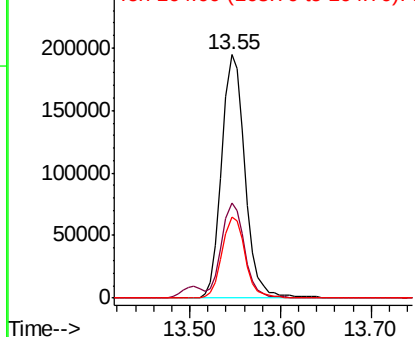


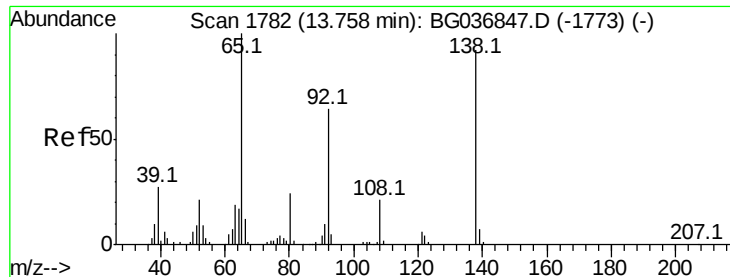
#46
 2-Chloronaphthalene
 Concen: 47.892 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	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: 58.042 ng

RT: 13.75 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

Instrument :

BNA_F

ClientSampled :

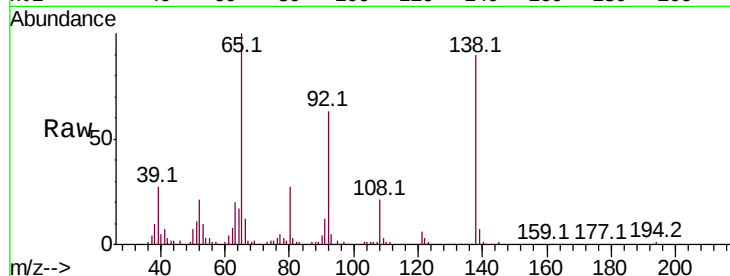
Tot Ion: 65 Resp: 146023

Ion Ratio Lower Upper

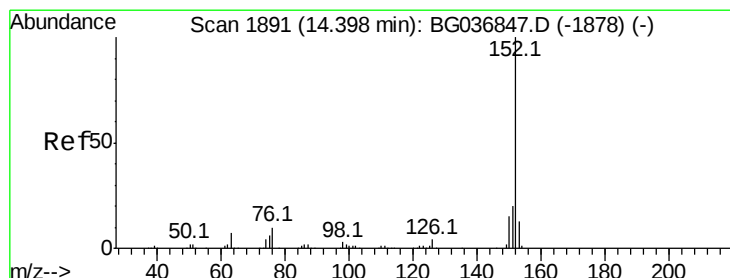
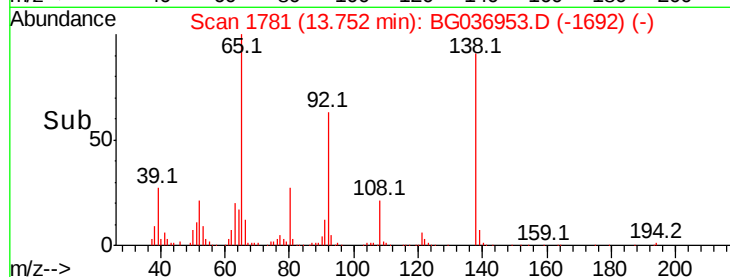
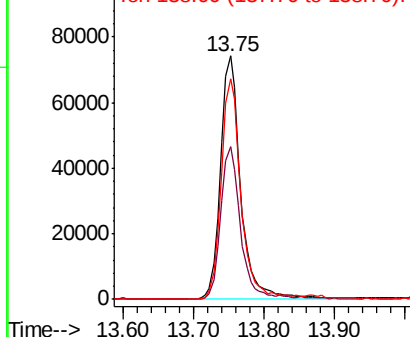
65 100

92 62.9 49.9 74.9

138 90.5 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: 51.366 ng

RT: 14.39 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

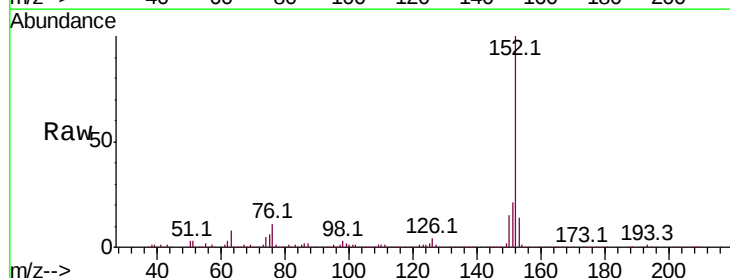
Tgt Ion: 152 Resp: 585469

Ion Ratio Lower Upper

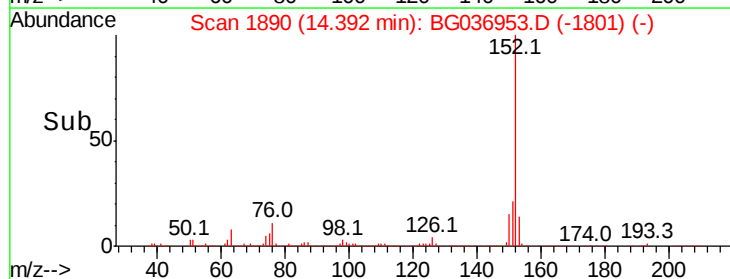
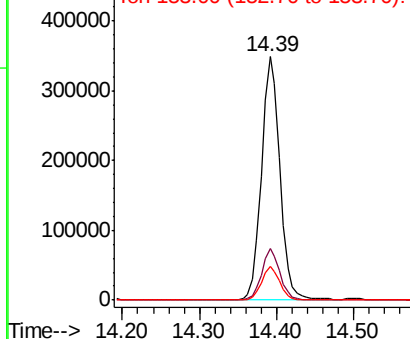
152 100

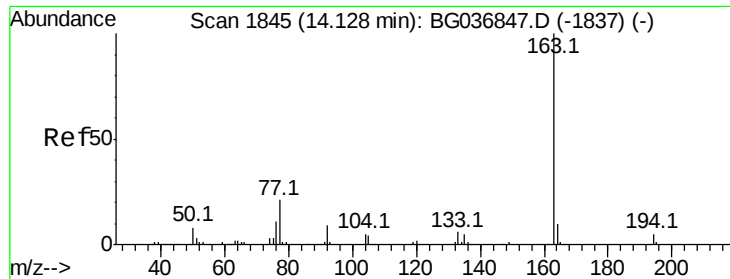
151 21.1 16.9 25.3

153 14.0 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

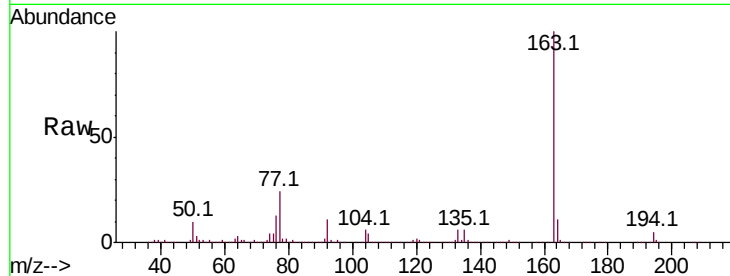




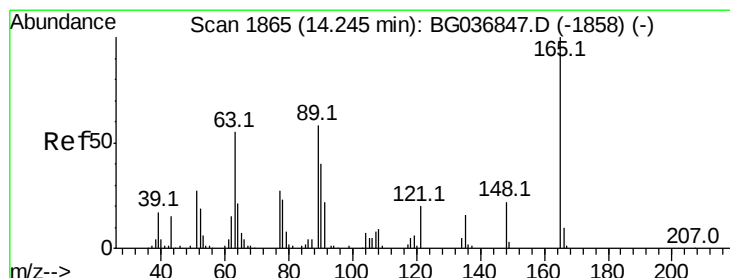
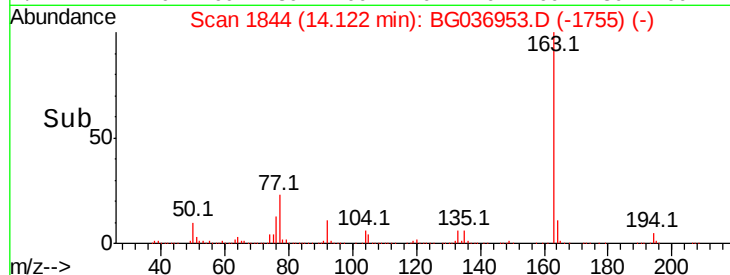
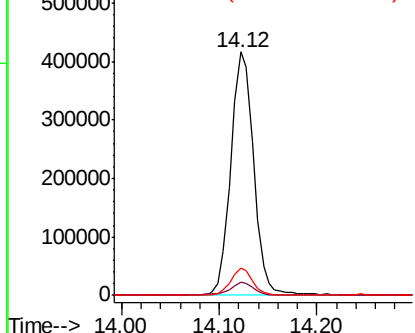
#49
Dimethylphthalate
Concen: 69.418 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 674810
Ion Ratio Lower Upper
163 100
194 5.4 4.0 6.0
164 11.0 8.1 12.1

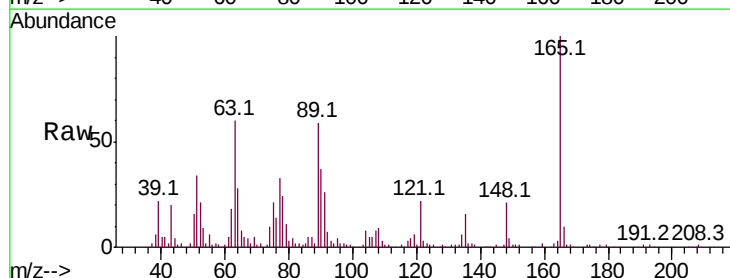


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

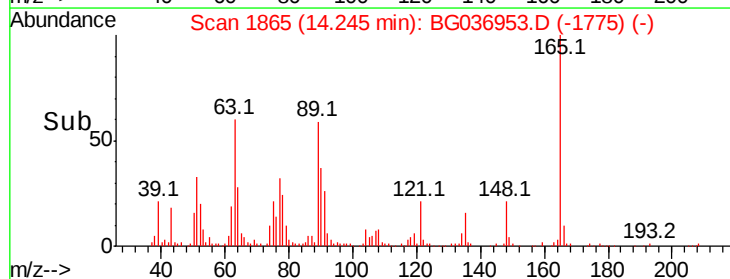
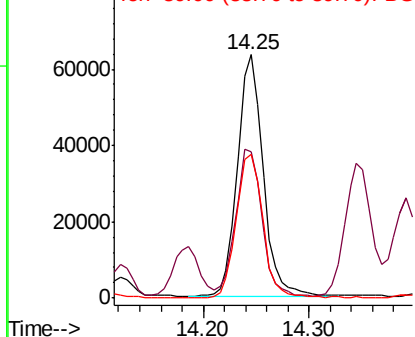


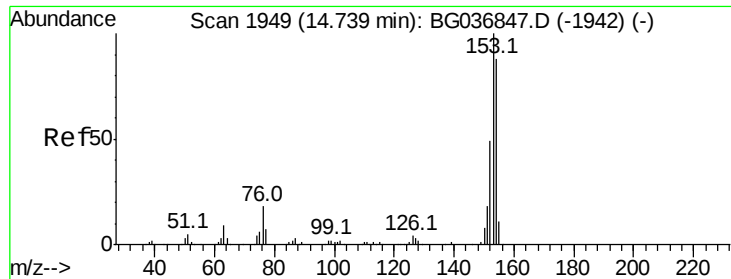
#50
2,6-Dinitrotoluene
Concen: 51.049 ng
RT: 14.25 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Tgt Ion:165 Resp: 108272
Ion Ratio Lower Upper
165 100
63 60.0 50.1 75.1
89 59.2 47.8 71.6



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





#51

Acenaphthene

Concen: 48.797 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

Instrument :

BNA_F

ClientSampleId :

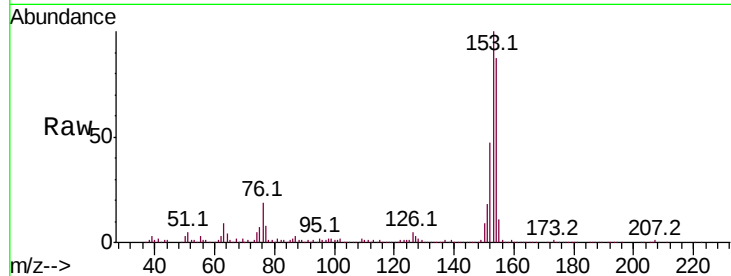
Tot Ion:154 Resp: 336146

Ion Ratio Lower Upper

154 100

153 114.7 91.8 137.6

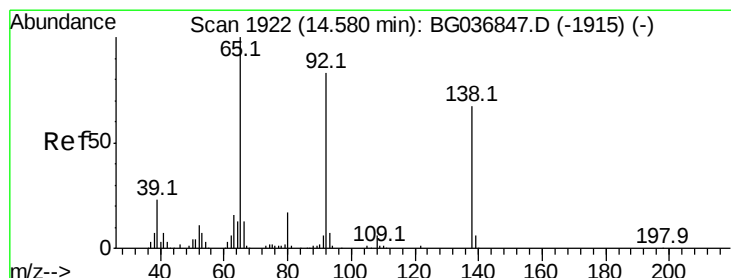
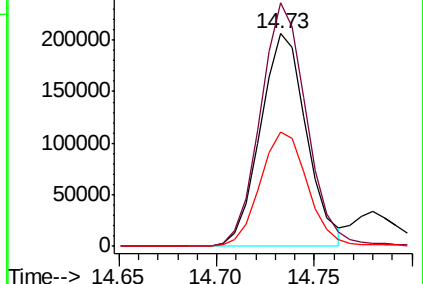
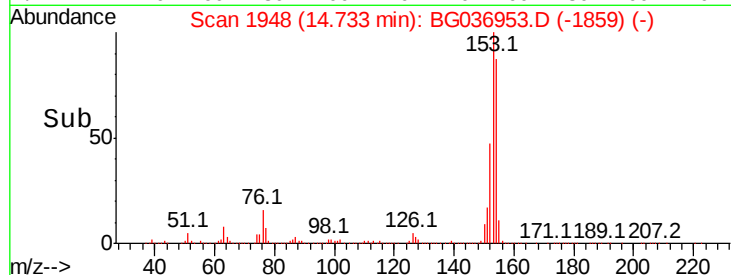
152 53.6 43.5 65.3



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: 39.077 ng

RT: 14.57 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

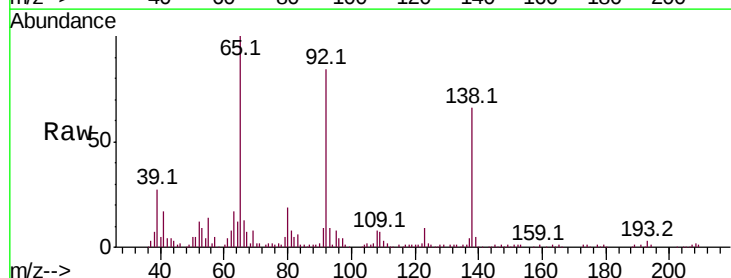
Tgt Ion:138 Resp: 87335

Ion Ratio Lower Upper

138 100

108 12.8 9.4 14.2

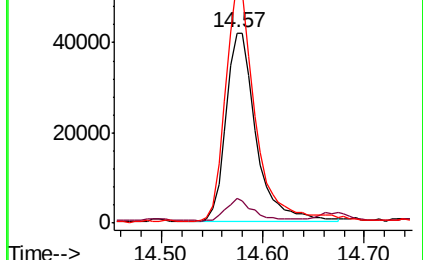
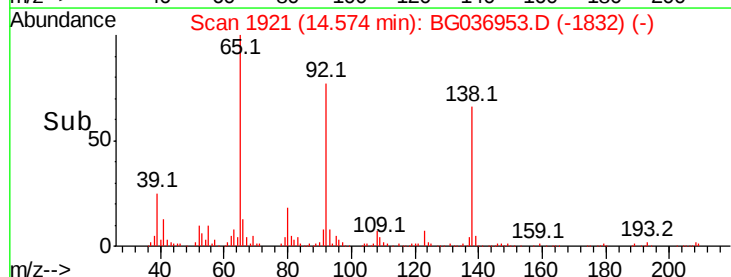
92 127.9 96.8 145.2

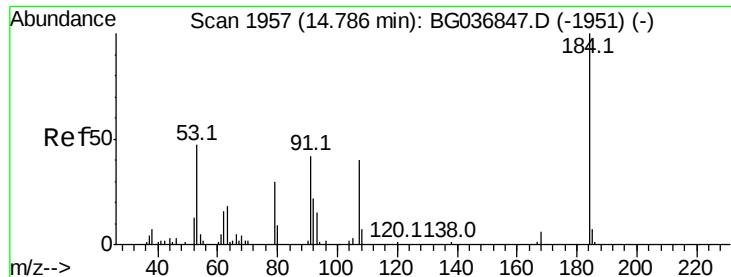


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

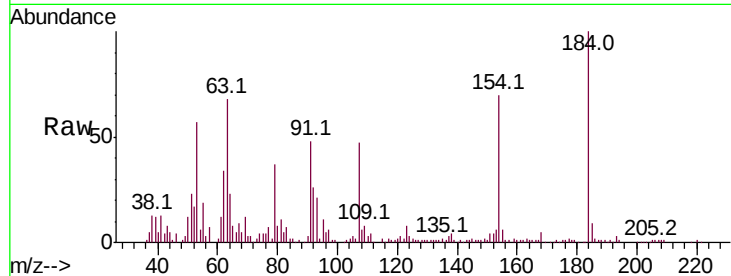




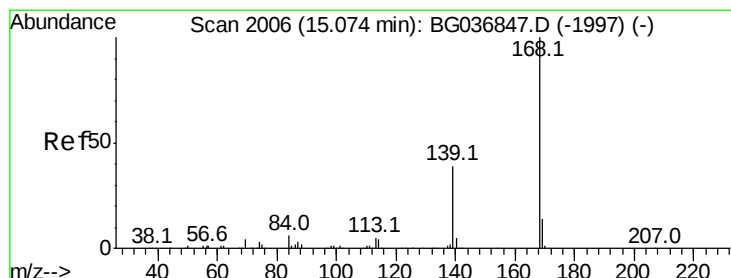
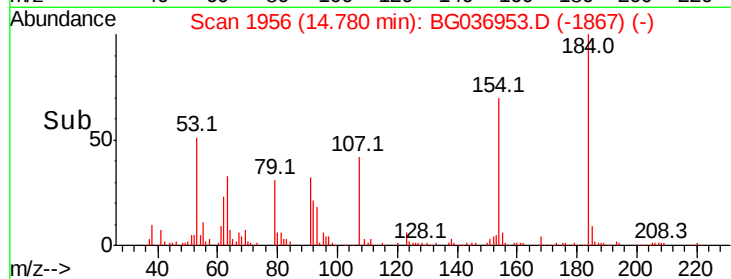
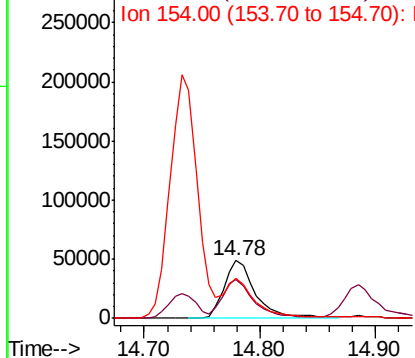
#53
2,4-Dinitrophenol
Concen: 92.352 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 93095
Ion Ratio Lower Upper
184 100
63 68.1 47.3 70.9
154 69.7 51.1 76.7

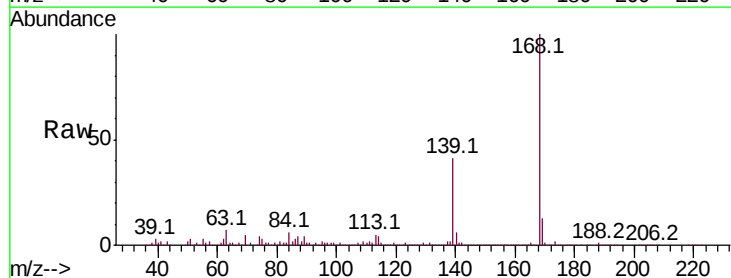


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

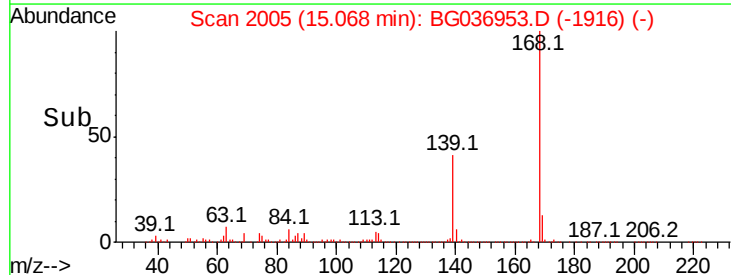
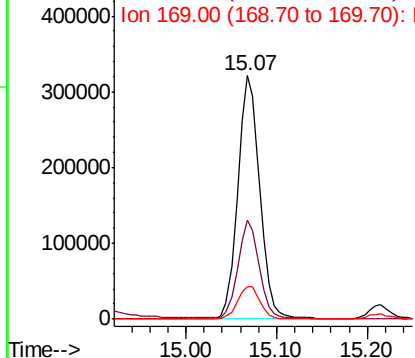


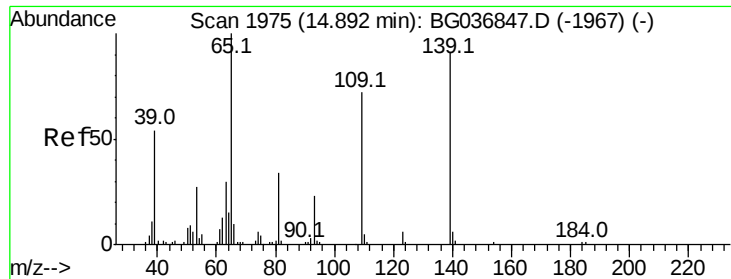
#54
Dibenzofuran
Concen: 46.606 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Tgt Ion:168 Resp: 543051
Ion Ratio Lower Upper
168 100
139 40.7 31.0 46.6
169 13.4 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

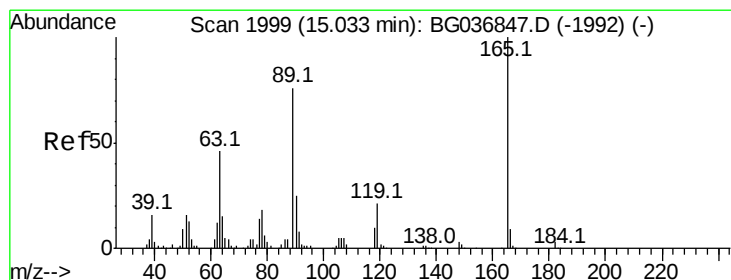
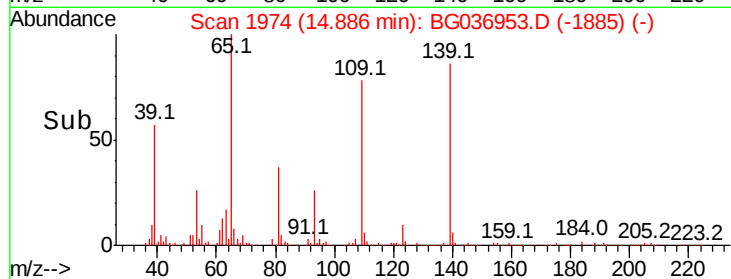
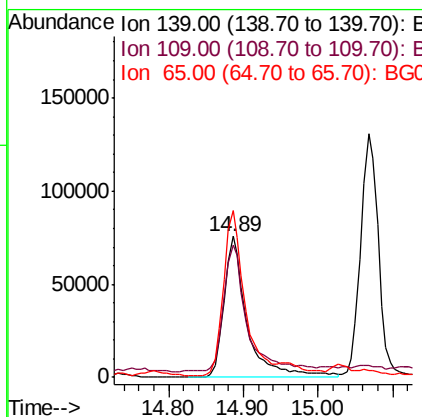
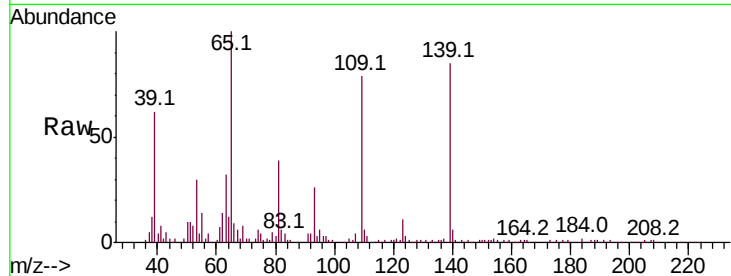




#55
4-Nitrophenol
Concen: 113.151 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

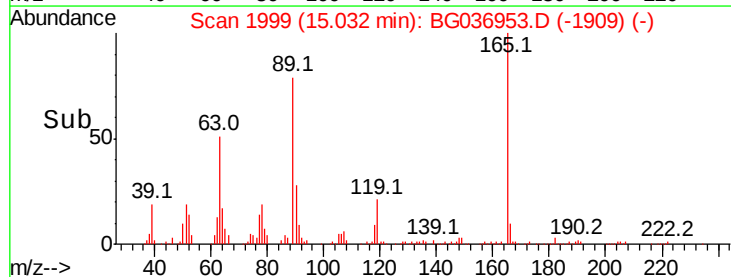
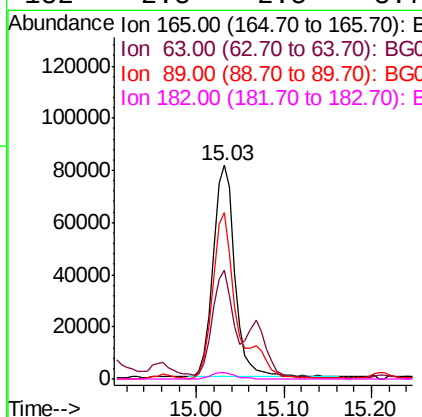
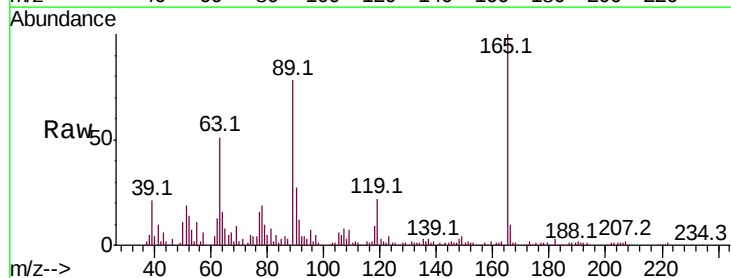
Instrument :
BNA_F
ClientSampleId :

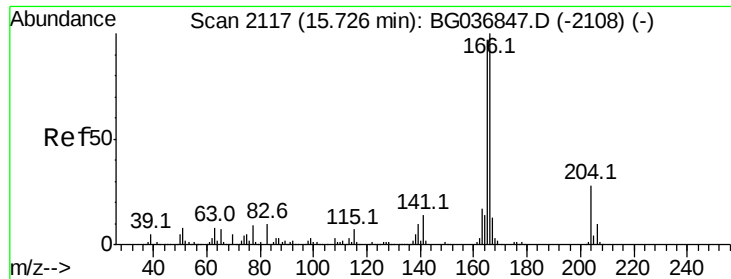
Tot Ion:139 Resp: 161555
Ion Ratio Lower Upper
139 100
109 93.4 63.9 103.9
65 117.8 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 47.546 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Tgt Ion:165 Resp: 140713
Ion Ratio Lower Upper
165 100
63 50.7 40.1 60.1
89 77.8 63.7 95.5
182 2.8 2.5 3.7





#57

Fluorene

Concen: 48.309 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

Instrument :

BNA_F

ClientSampleId :

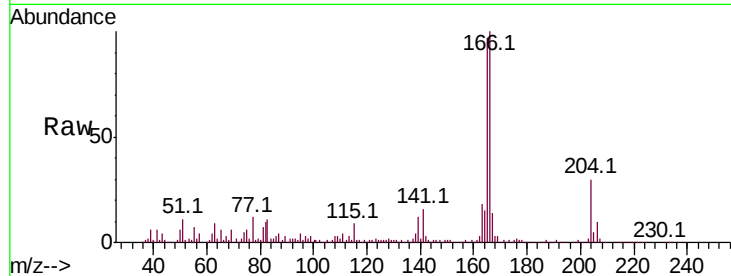
Tot Ion:166 Resp: 420720

Ion Ratio Lower Upper

166 100

165 97.2 77.0 115.4

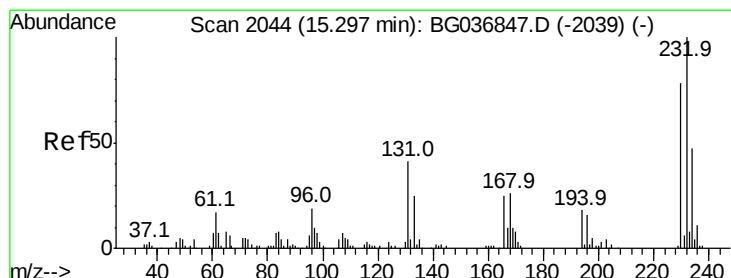
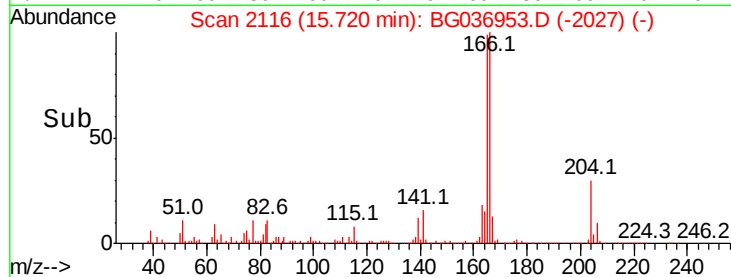
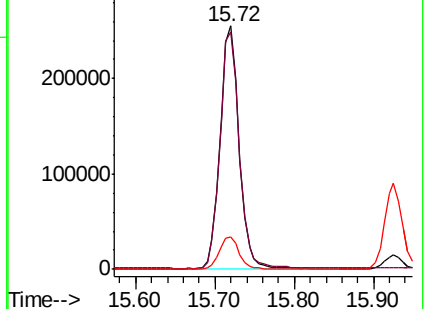
167 13.6 10.6 16.0



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: 54.562 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

Tgt Ion:232 Resp: 138051

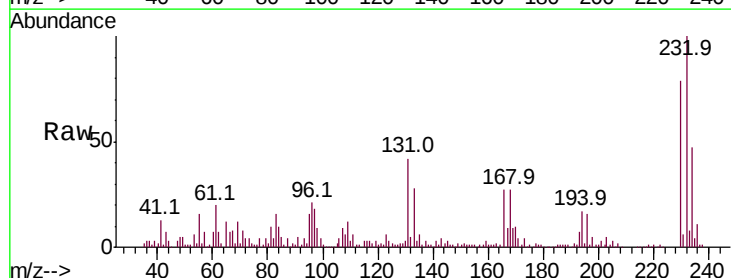
Ion Ratio Lower Upper

232 100

131 40.5 33.8 50.8

130 3.0 2.1 3.1

166 28.0 22.3 33.5

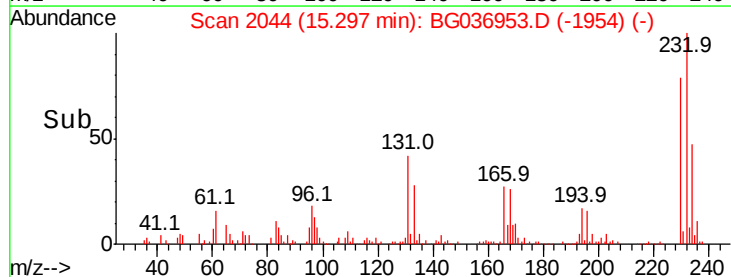
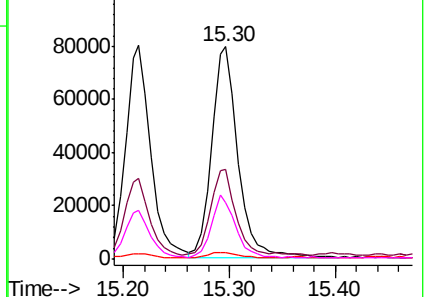


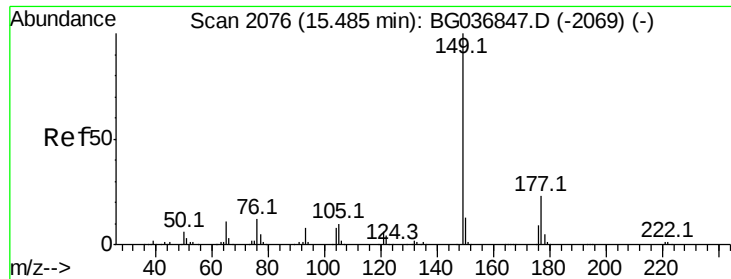
Abundance Ion 232.00 (231.70 to 232.70): E

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

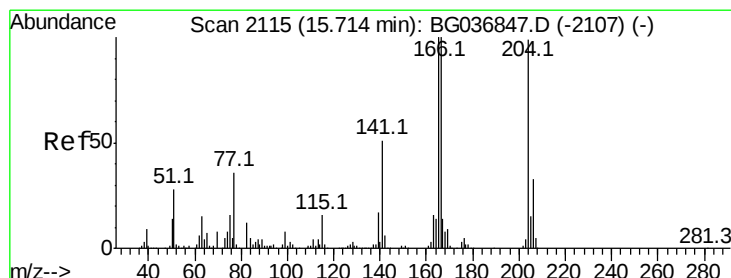
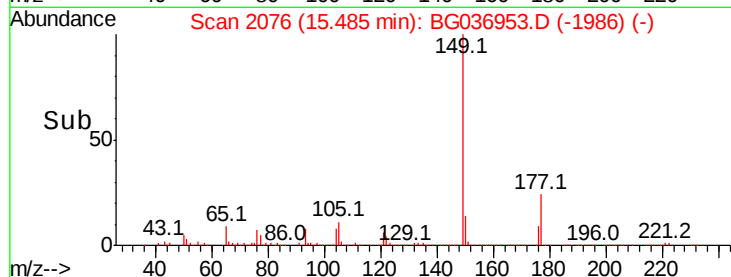
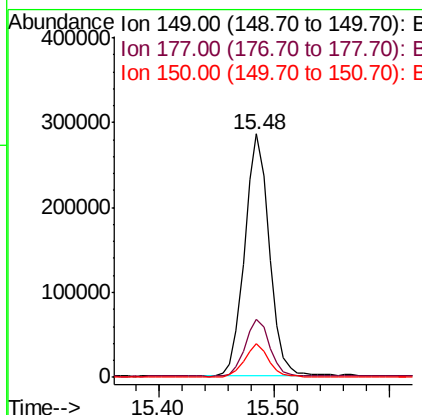
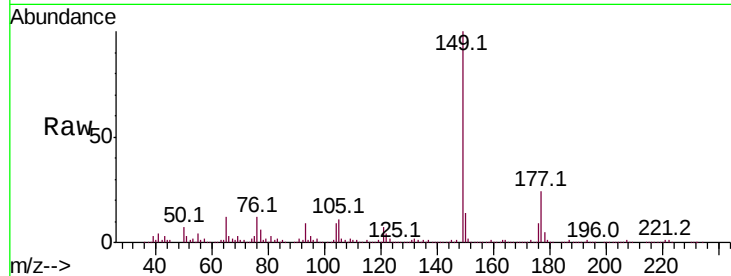




#59
Diethylphthalate
Concen: 43.141 ng
RT: 15.48 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

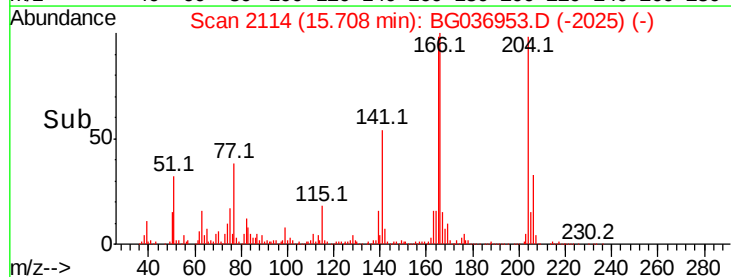
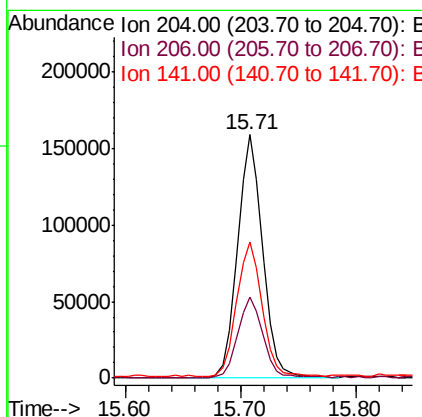
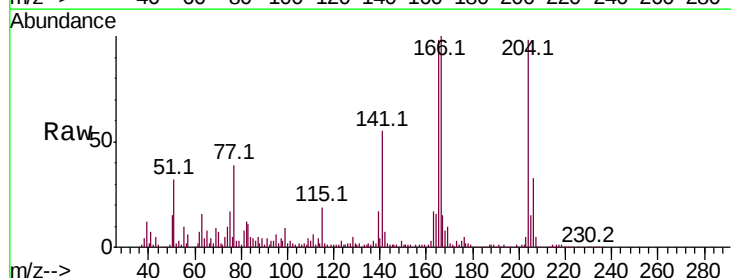
Instrument :
BNA_F
ClientSampleId :

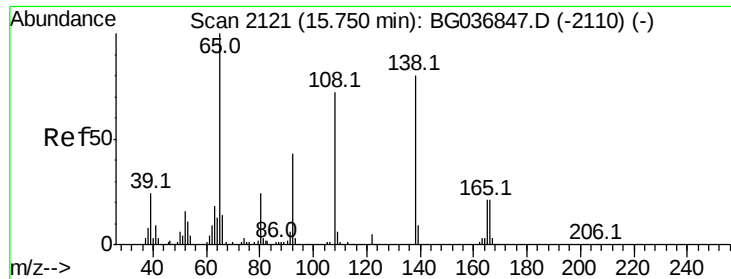
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.1	28.7
150	13.7	10.7	16.1



#60
4-Chlorophenyl-phenylether
Concen: 42.895 ng
RT: 15.71 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.0	40.4
141	55.7	43.8	65.6

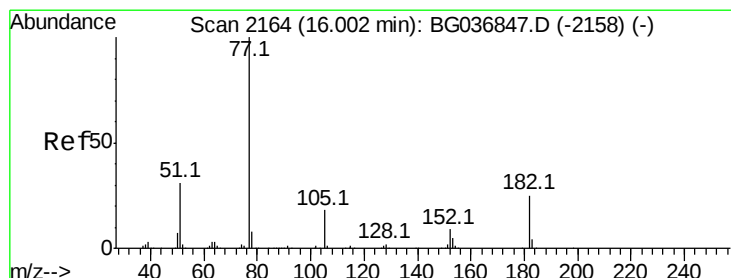
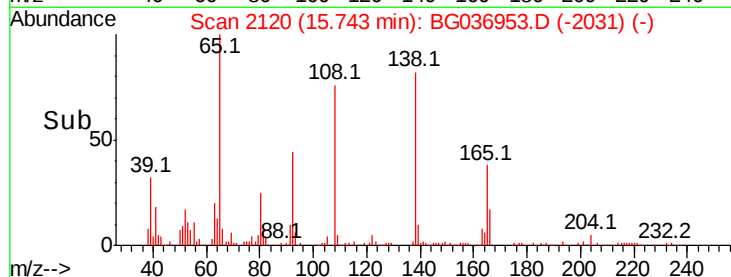
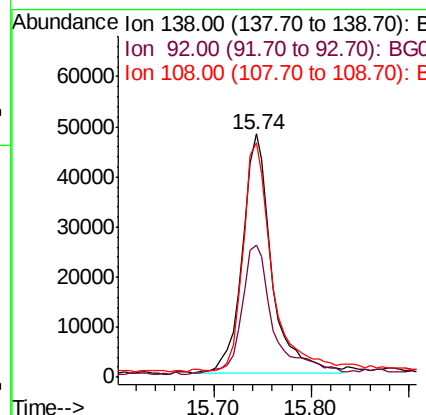
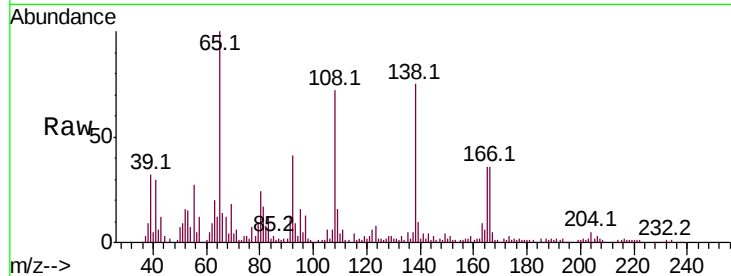




#61
4-Nitroaniline
Concen: 42.337 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

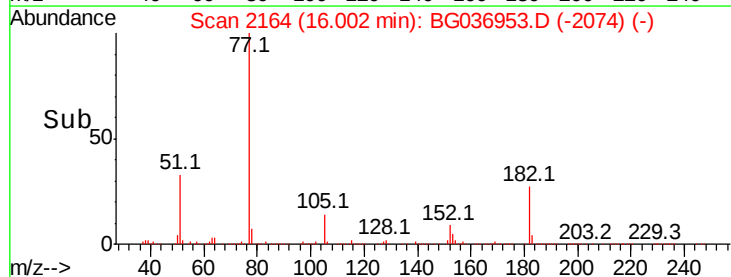
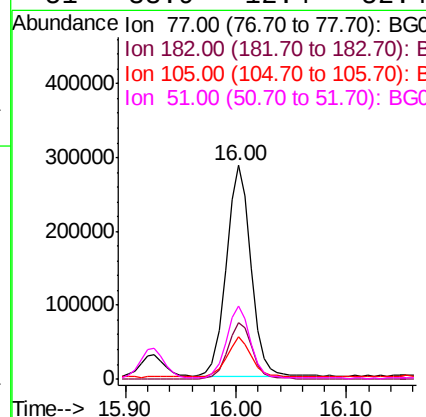
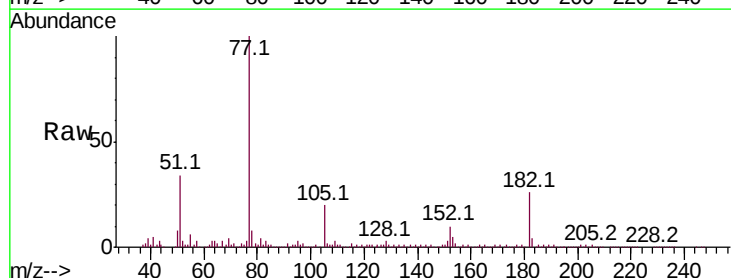
Instrument :
BNA_F
ClientSampleId :

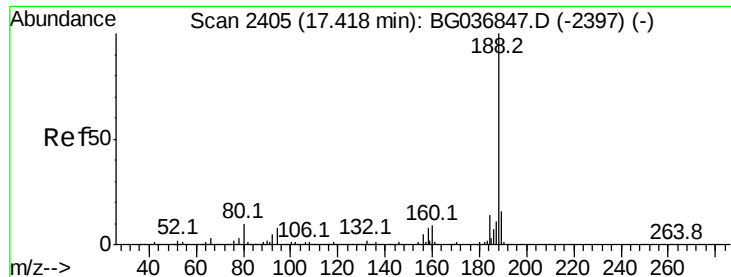
Tot Ion:138 Resp: 99529
Ion Ratio Lower Upper
138 100
92 54.3 38.5 78.5
108 96.2 70.3 110.3



#62
Azobenzene
Concen: 47.458 ng
RT: 16.00 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Tgt Ion: 77 Resp: 447094
Ion Ratio Lower Upper
77 100
182 26.3 6.7 46.7
105 19.7 0.0 39.8
51 33.9 12.4 52.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

Instrument :

BNA_F

ClientSampleId :

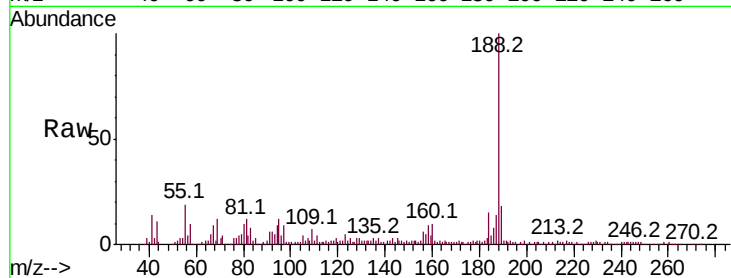
Tot Ion:188 Resp: 254961

Ion Ratio Lower Upper

188 100

94 9.2 6.7 10.1

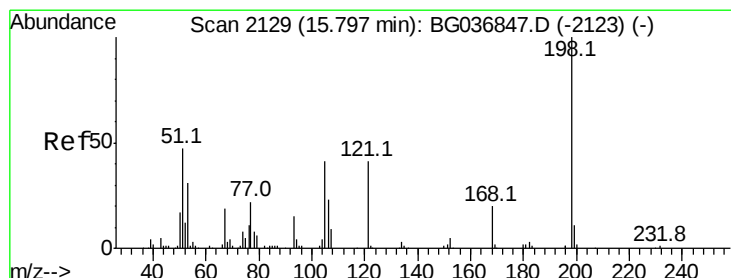
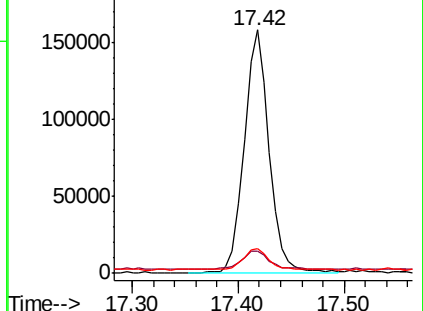
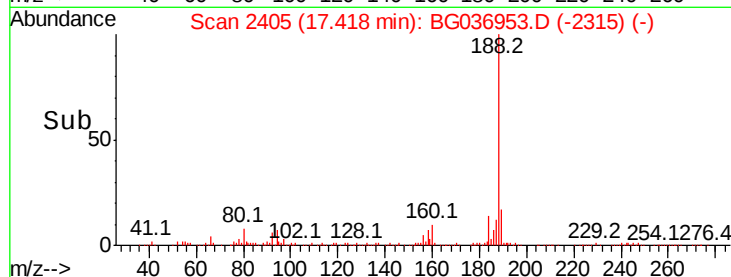
80 9.9 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 57.799 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

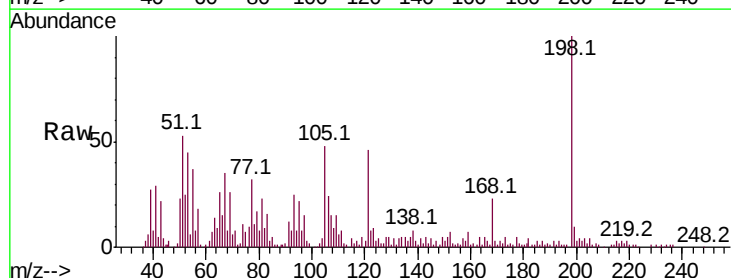
Tgt Ion:198 Resp: 77045

Ion Ratio Lower Upper

198 100

51 52.8 26.5 66.5

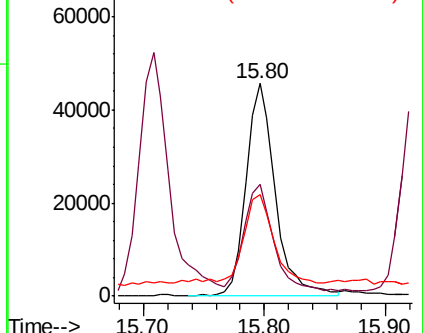
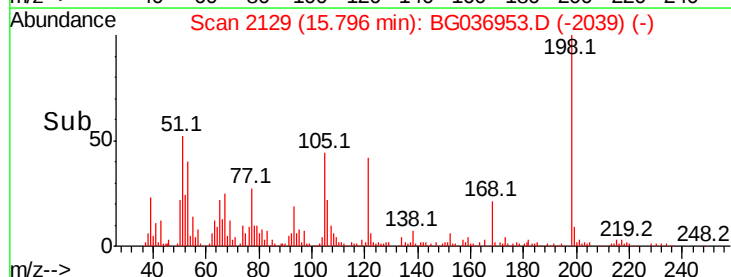
105 47.5 20.2 60.2

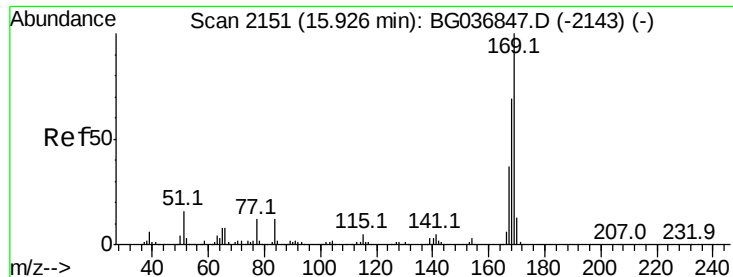


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 53.282 ng

RT: 15.93 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

Instrument :

BNA_F

ClientSampleId :

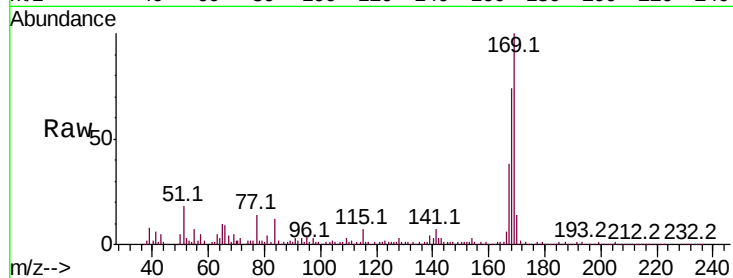
Tot Ion:169 Resp: 375036

Ion Ratio Lower Upper

169 100

168 74.1 57.6 86.4

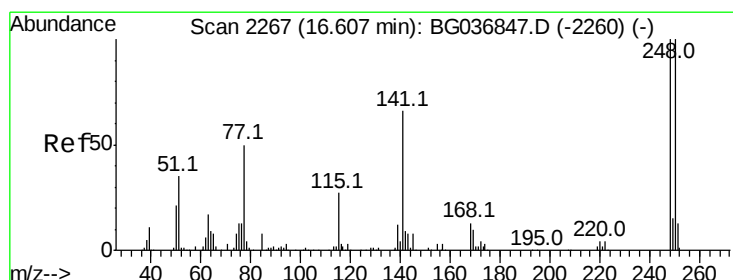
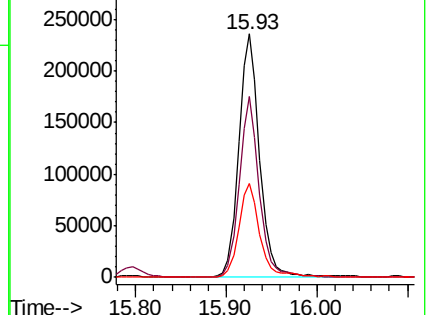
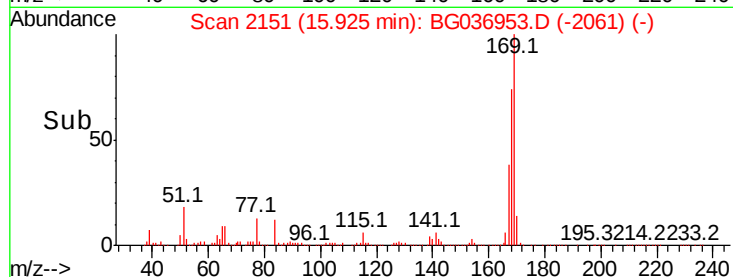
167 38.3 31.0 46.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.944 ng

RT: 16.61 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

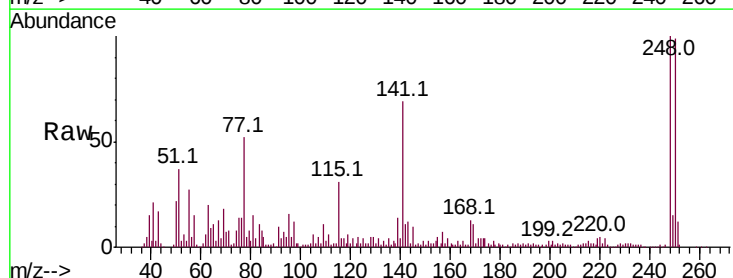
Tgt Ion:248 Resp: 139039

Ion Ratio Lower Upper

248 100

250 99.5 78.1 117.1

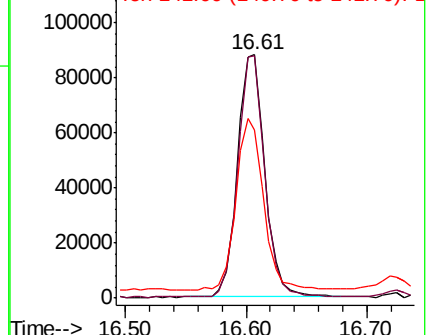
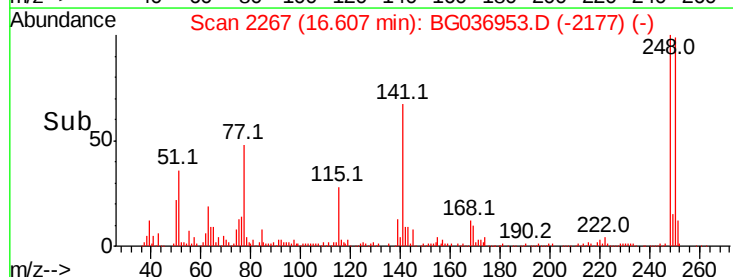
141 69.2 53.7 80.5



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

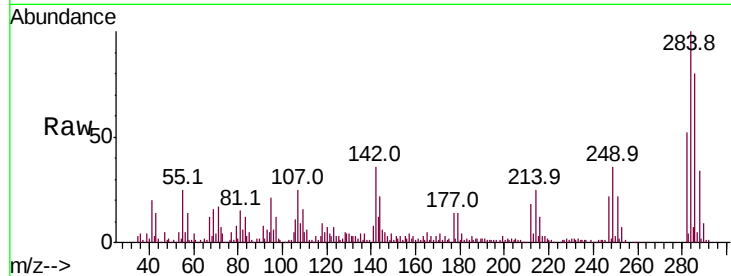




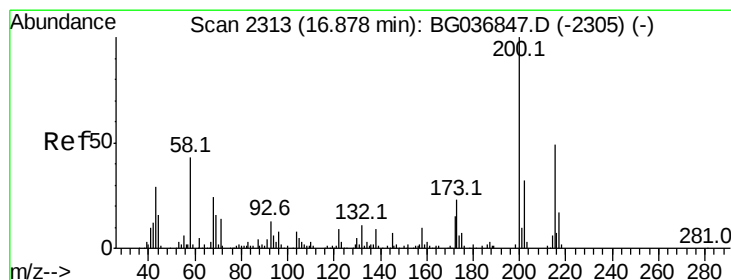
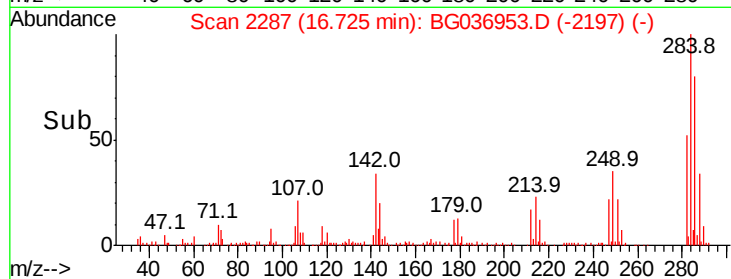
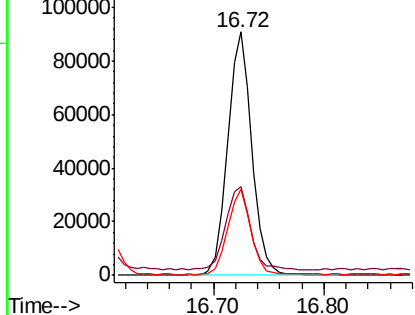
#67
Hexachlorobenzene
Concen: 46.612 ng
RT: 16.72 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.2	27.8	41.6
249	35.5	27.4	41.2

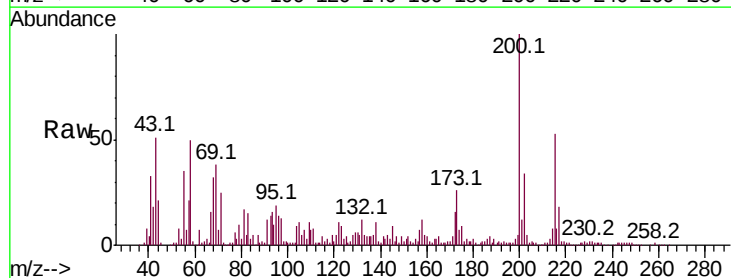


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

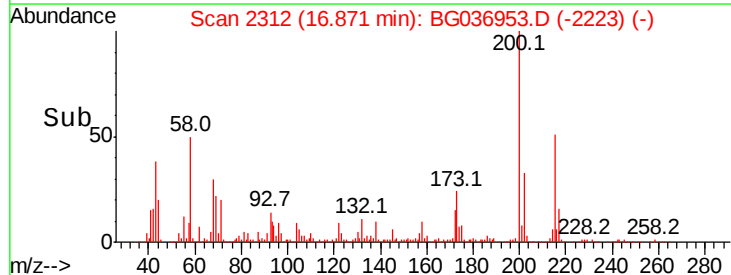
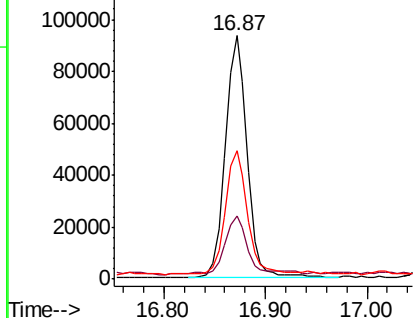


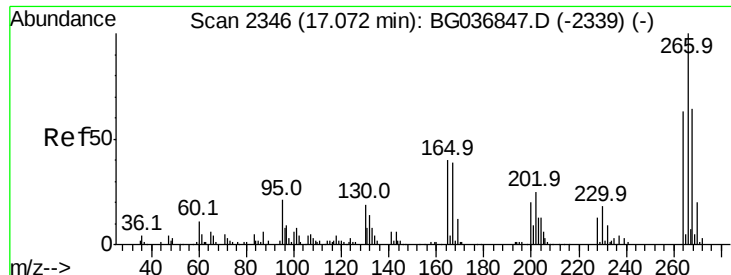
#68
Atrazine
Concen: 48.467 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.9	3.9	43.9
215	52.7	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

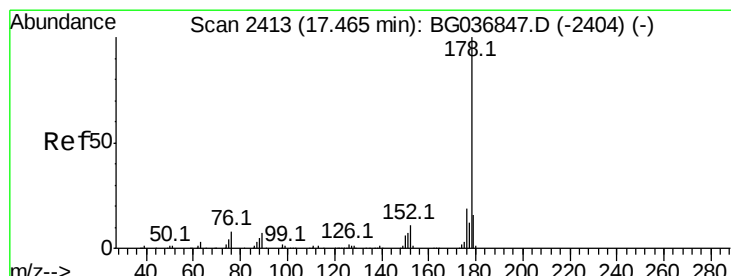
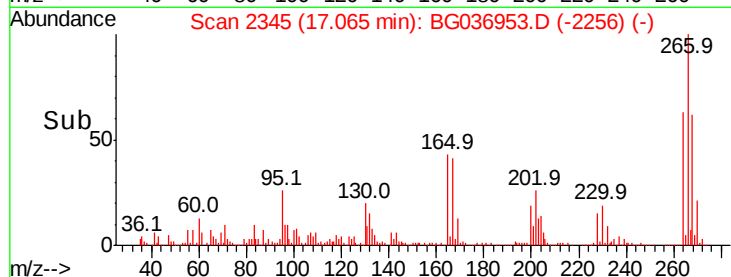
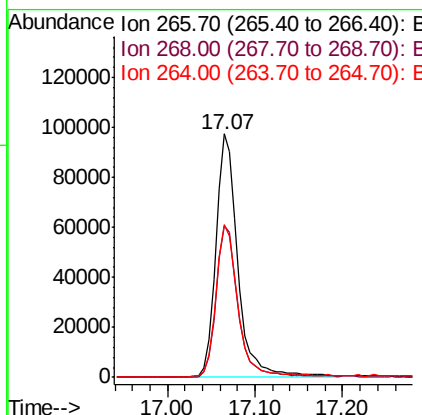
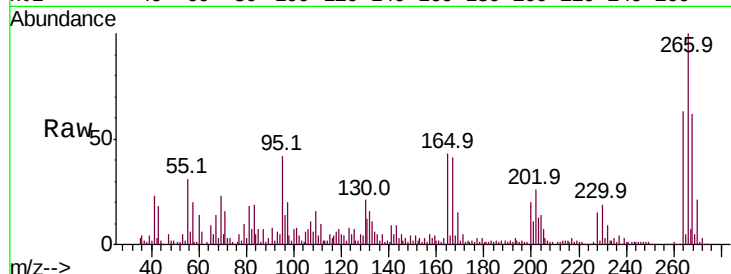




#69
 Pentachlorophenol
 Concen: 90.173 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.01 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

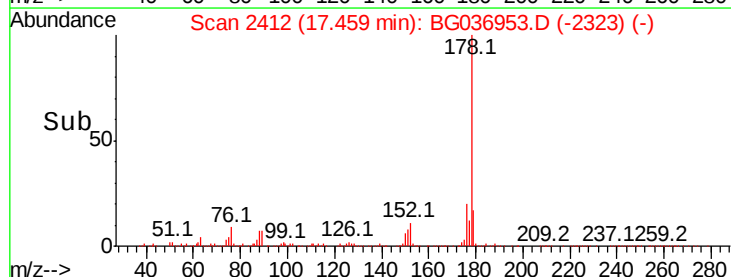
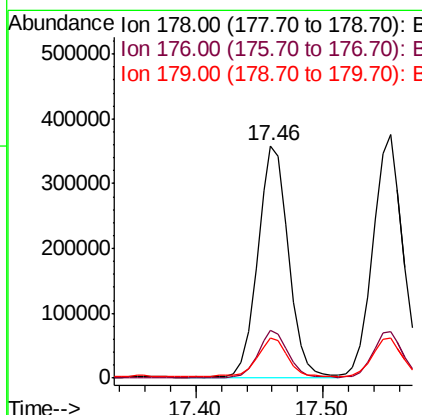
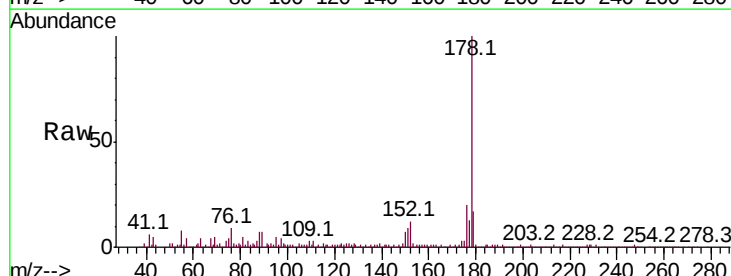
Instrument :
 BNA_F
 ClientSampleId :

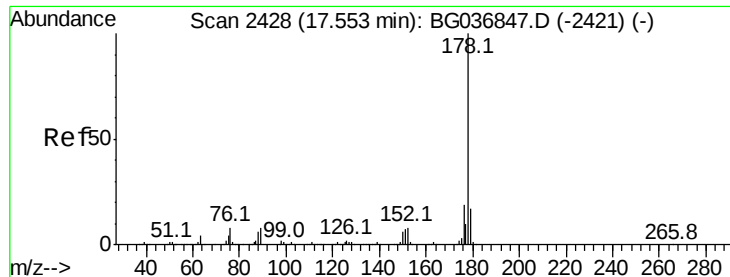
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.4	77.2
264	62.7	48.9	73.3



#70
 Phenanthrene
 Concen: 48.812 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.2
179	17.2	13.4	20.2

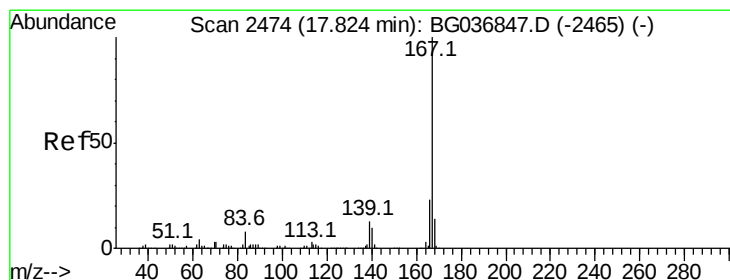
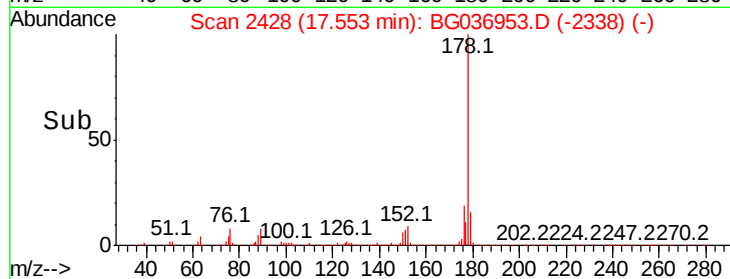
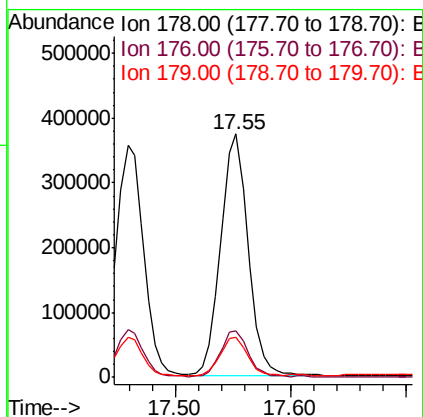
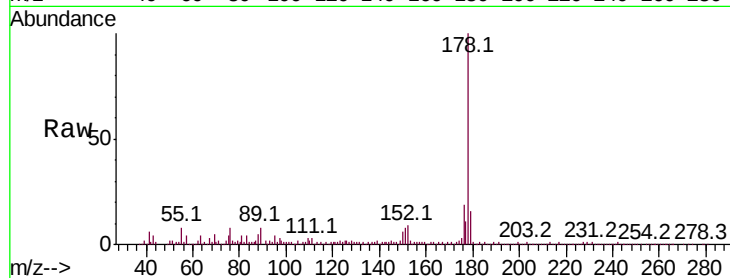




#71
 Anthracene
 Concen: 50.887 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

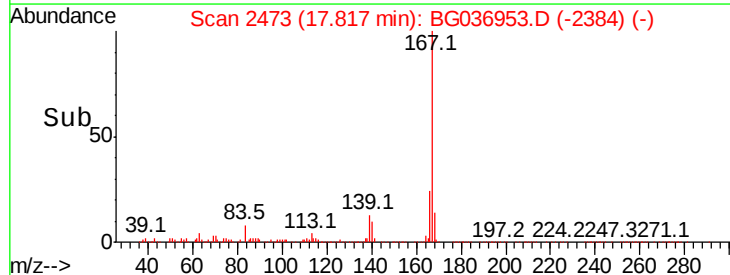
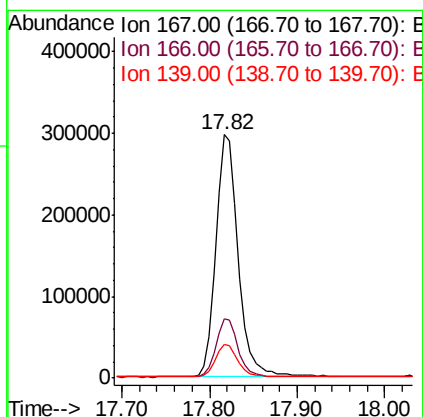
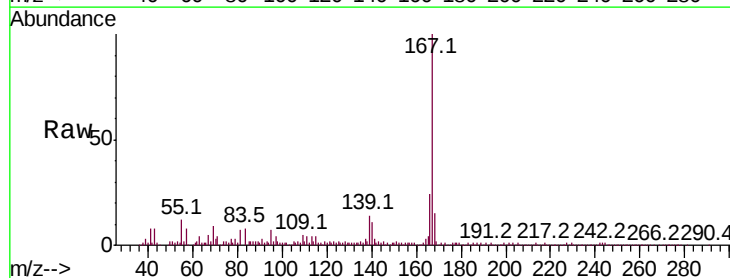
Instrument :
 BNA_F
 ClientSampleId :

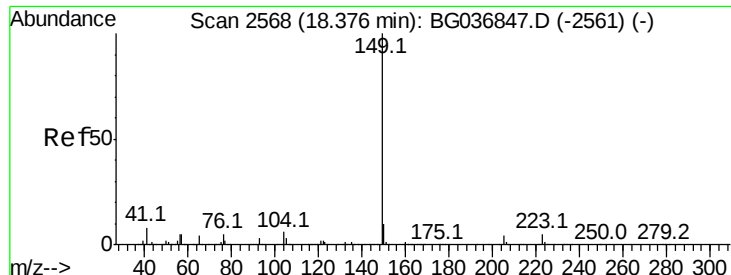
Tot Ion:178 Resp: 618220
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 16.5 13.0 19.4



#72
 Carbazole
 Concen: 44.429 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Tgt Ion:167 Resp: 526267
 Ion Ratio Lower Upper
 167 100
 166 24.3 19.5 29.3
 139 13.9 10.7 16.1

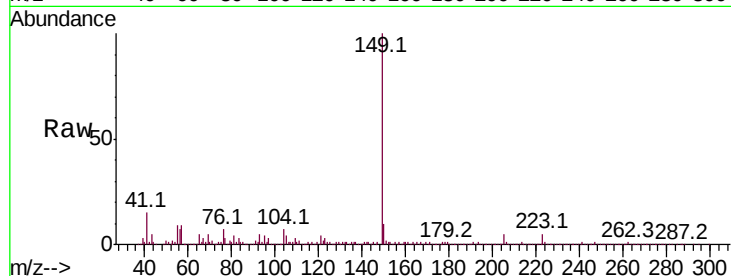




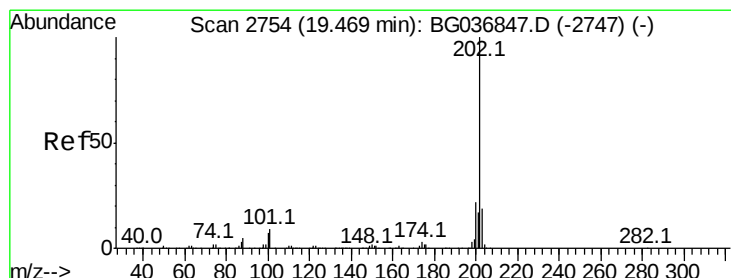
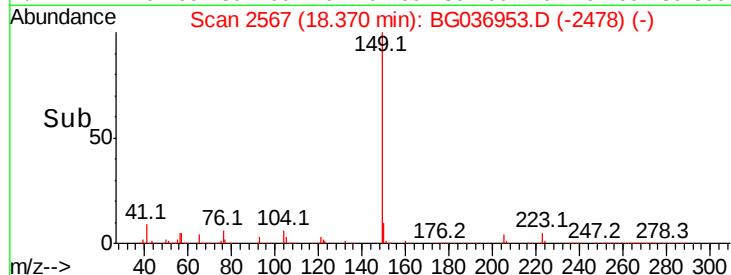
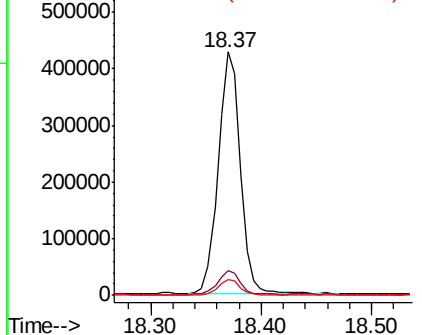
#73
Di-n-butylphthalate
Concen: 44.670 ng
RT: 18.37 min Scan# 2567
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.1	12.1
104	6.6	4.6	6.8

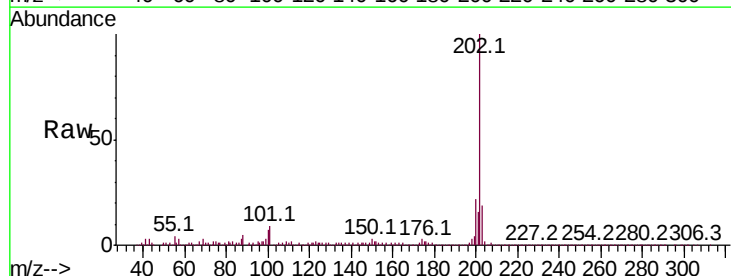


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

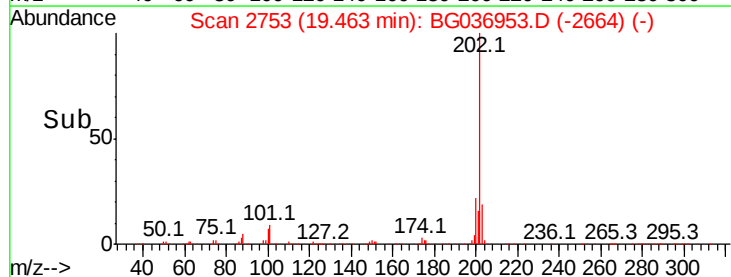
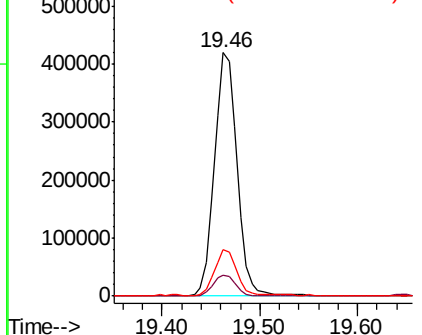


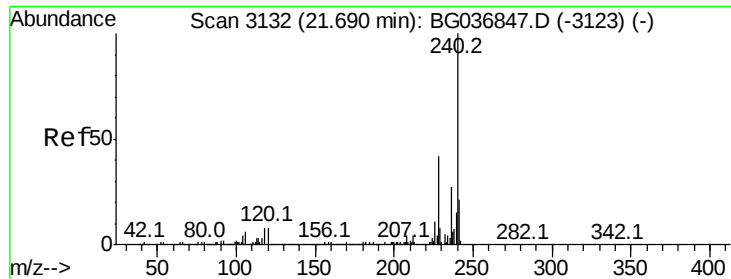
#74
Fluoranthene
Concen: 45.337 ng
RT: 19.46 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	29.4
203	19.0	0.0	38.9



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

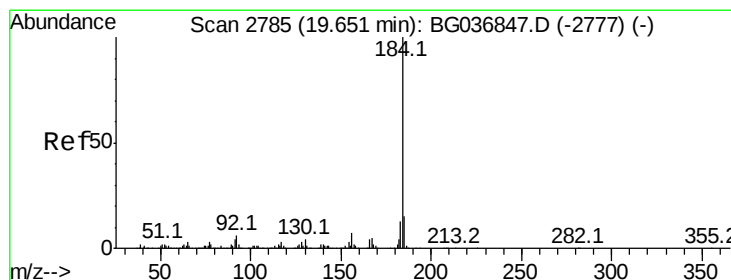
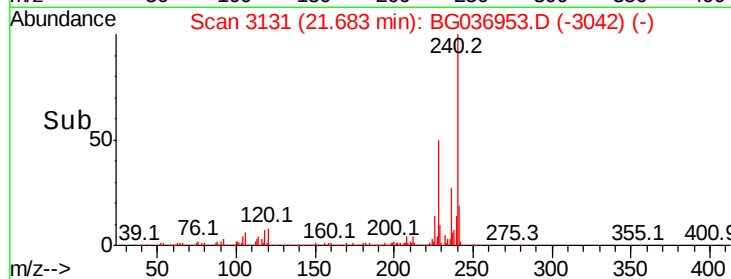
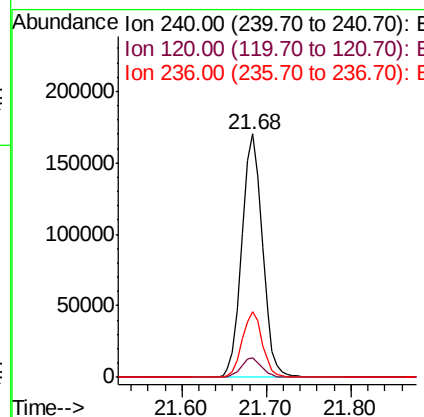
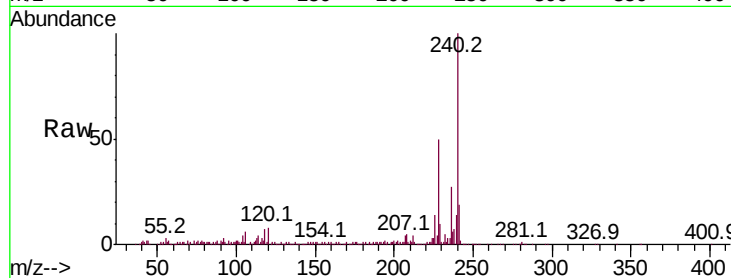




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

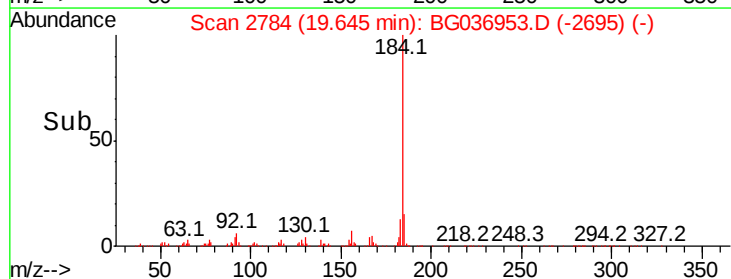
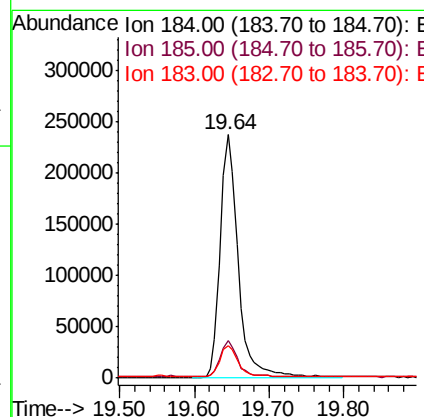
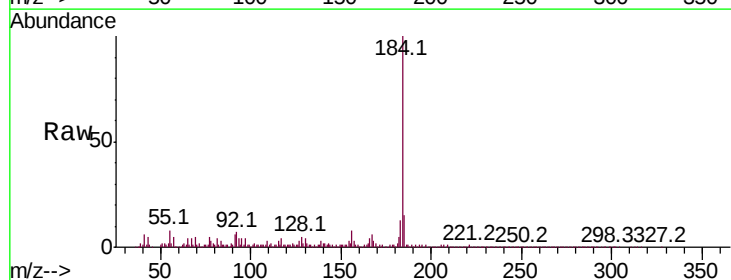
Instrument :
BNA_F
ClientSampleId :

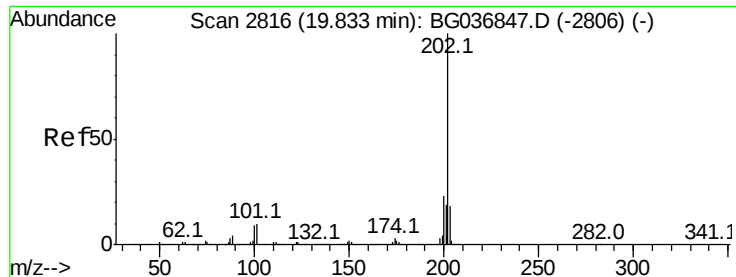
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.9	10.3
236	27.0	21.2	31.8



#76
Benzidine
Concen: 45.950 ng
RT: 19.64 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.6	18.8
183	13.5	10.9	16.3





#77

Pvrene

Concen: 39.568 ng

RT: 19.83 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

Instrument :

BNA_F

ClientSampled :

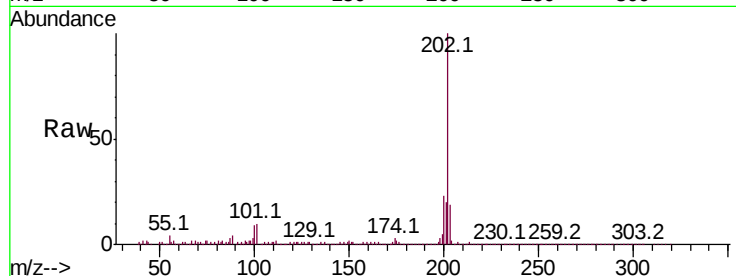
Tot Ion:202 Resp: 677711

Ion Ratio Lower Upper

202 100

200 22.5 18.3 27.5

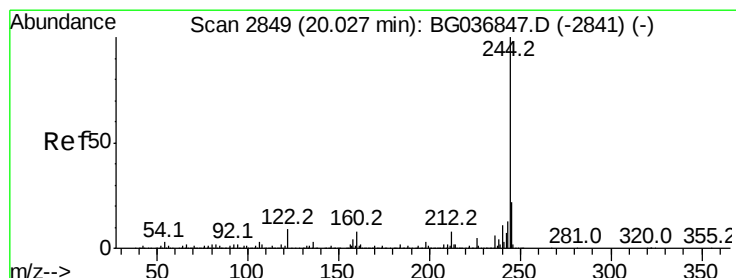
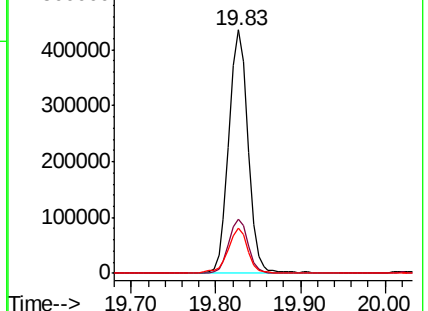
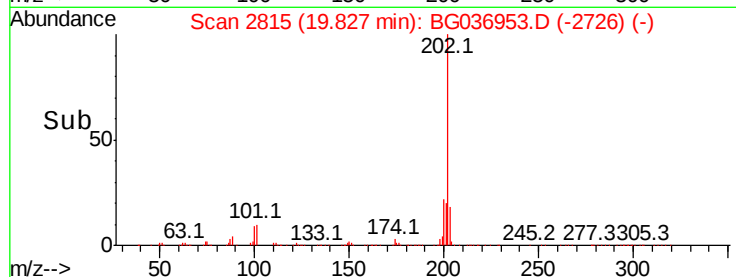
203 18.6 15.1 22.7



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: 94.077 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

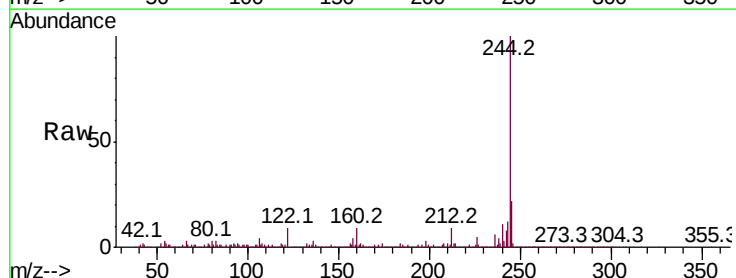
Tgt Ion:244 Resp: 1021180

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

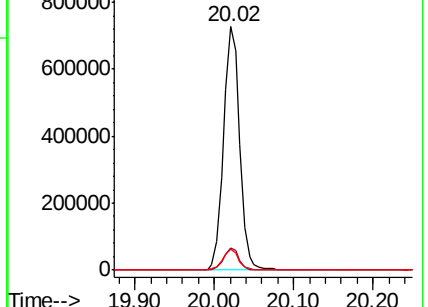
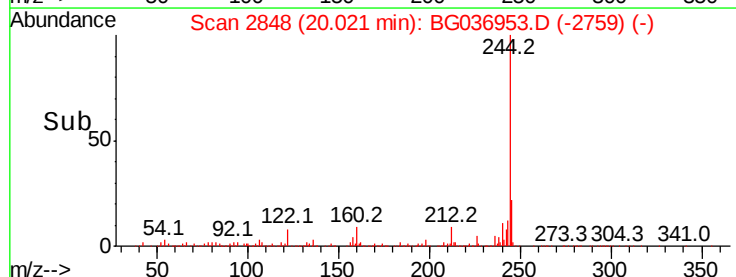
122 8.7 7.1 10.7

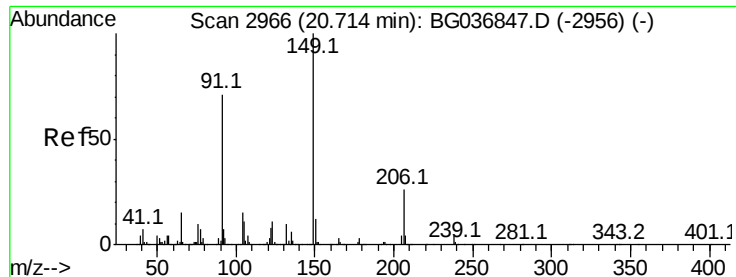


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

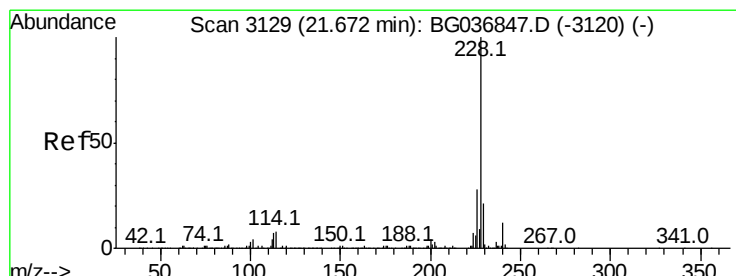
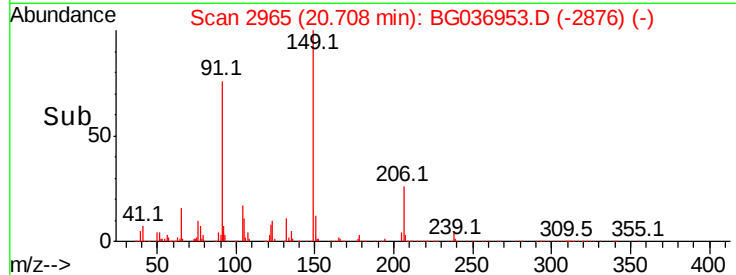
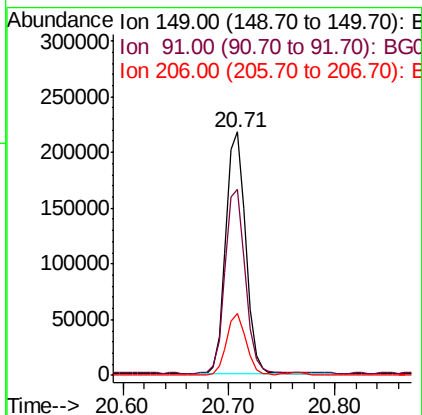
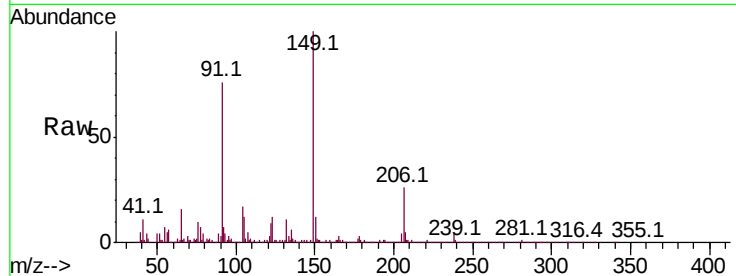




#79
Butylbenzylphthalate
Concen: 41.588 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

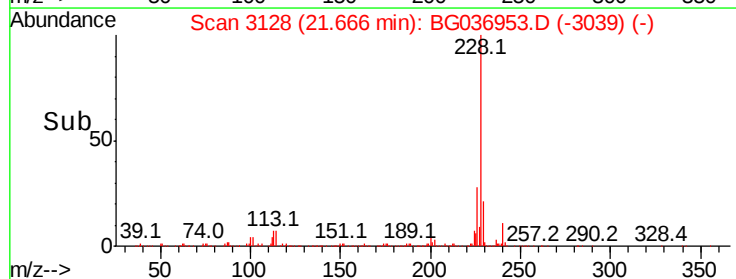
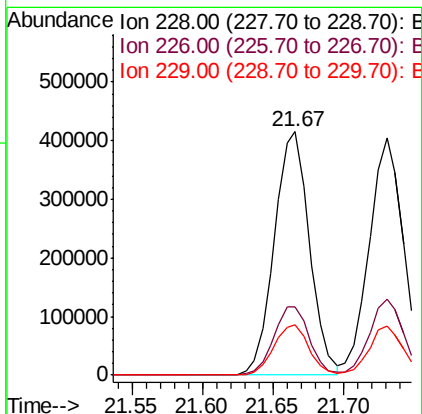
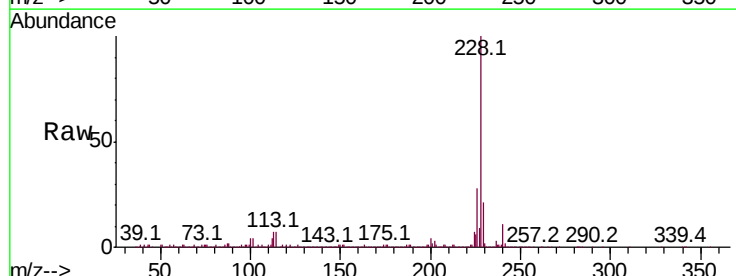
Instrument :
BNA_F
ClientSampled :

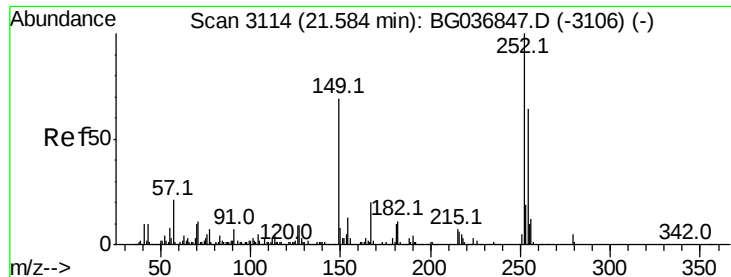
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.4	62.0	93.0
206	25.6	19.6	29.4



#80
Benzo(a)anthracene
Concen: 43.236 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.4	35.2
229	20.7	17.1	25.7

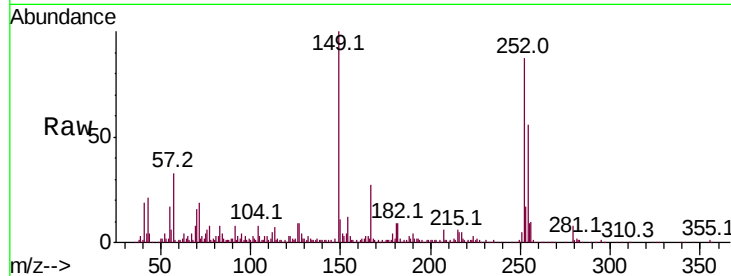




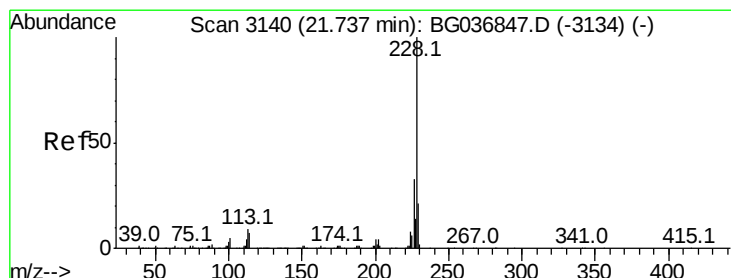
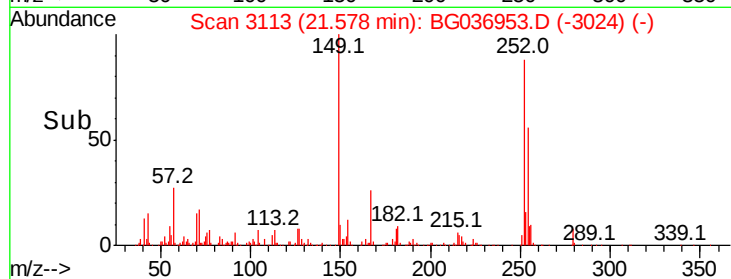
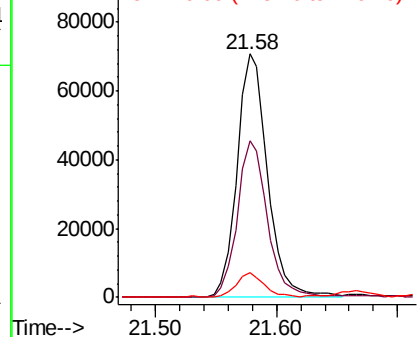
#81
 3,3'-Dichlorobenzidine
 Concen: 19.594 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.0	76.4
126	10.1	7.4	11.0

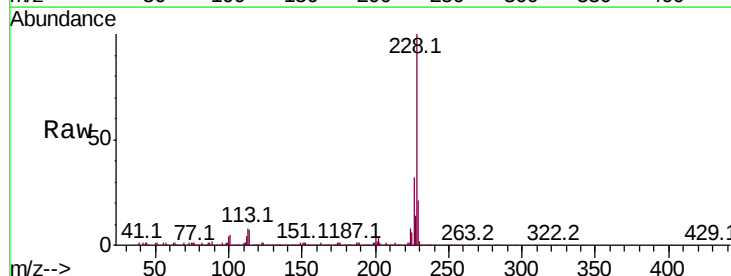


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

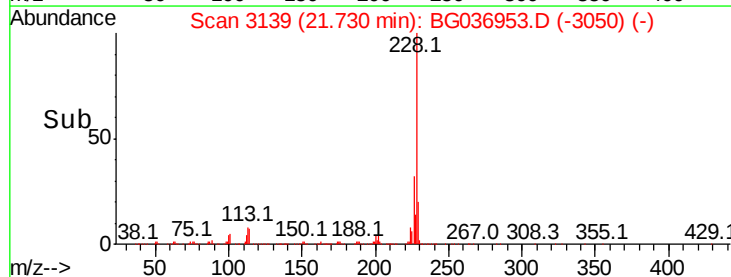
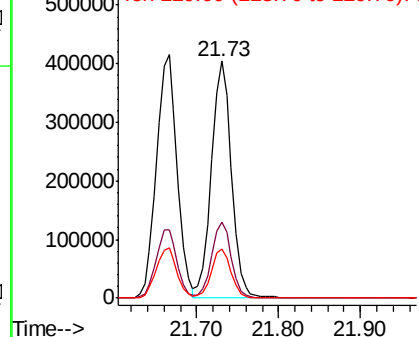


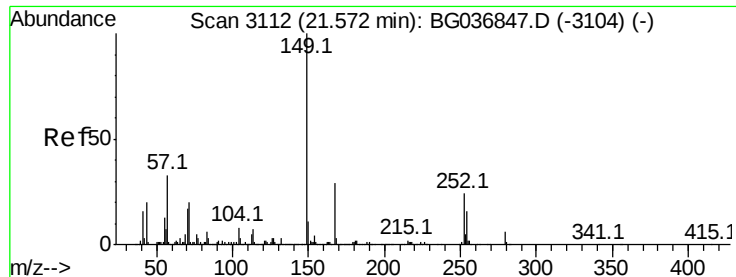
#82
 Chrysene
 Concen: 42.730 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.5	38.3
229	20.5	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: 42.333 ng

RT: 21.56 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

Instrument :

BNA_F

ClientSampleId :

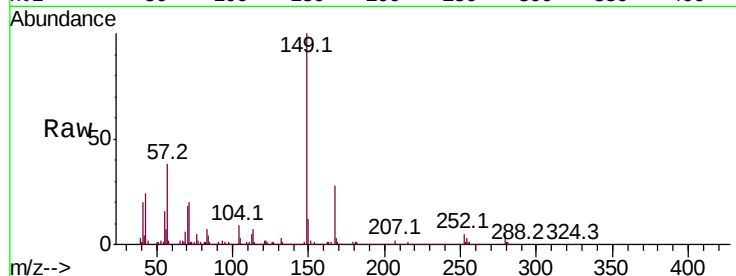
Tot Ion:149 Resp: 403739

Ion Ratio Lower Upper

149 100

167 28.2 23.4 35.0

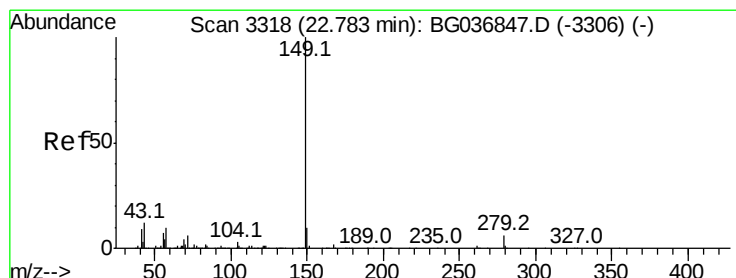
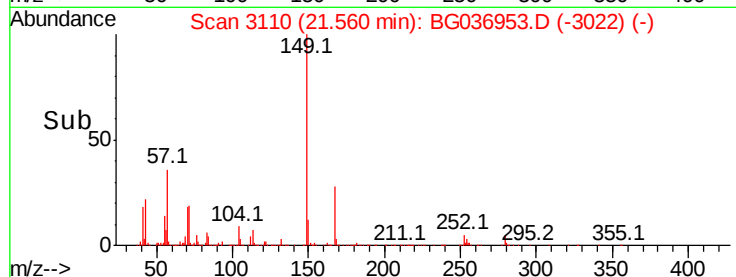
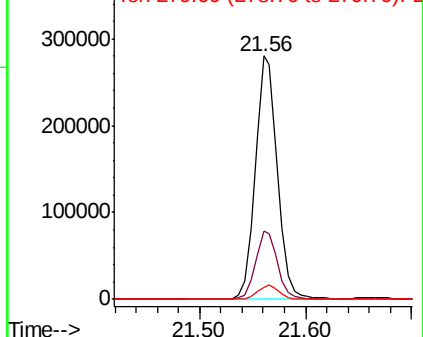
279 5.1 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.198 ng

RT: 22.77 min Scan# 3316

Delta R.T. -0.01 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

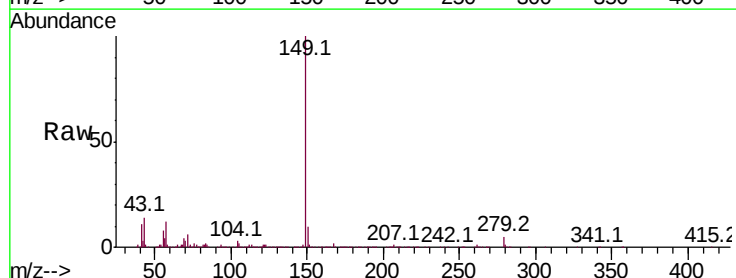
Tgt Ion:149 Resp: 709728

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

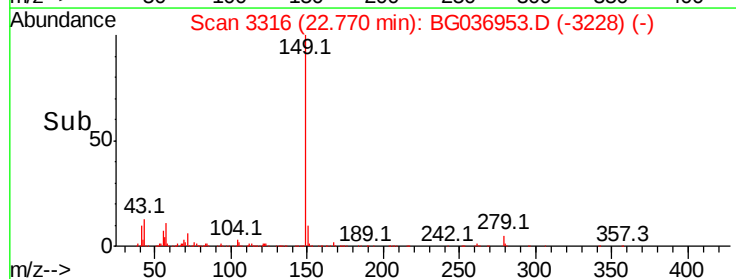
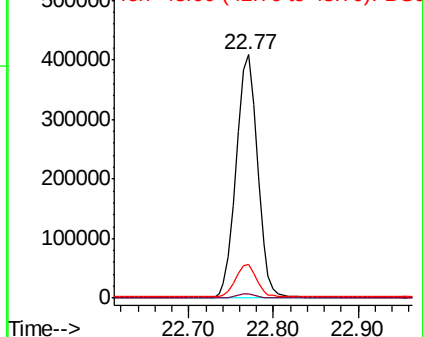
43 13.4 10.0 15.0

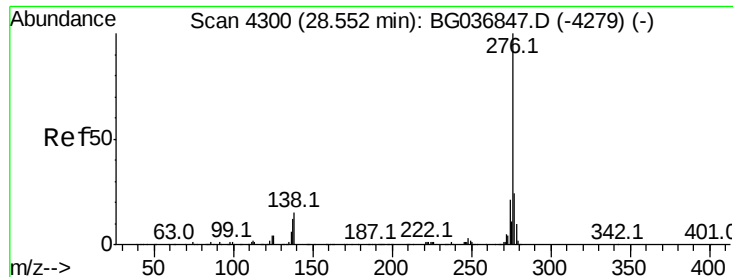


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

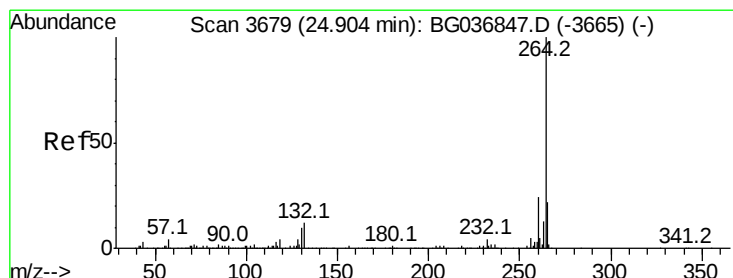
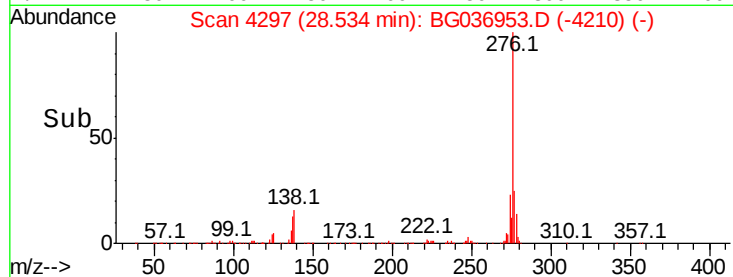
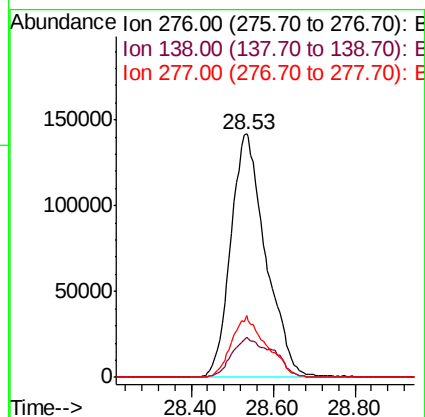
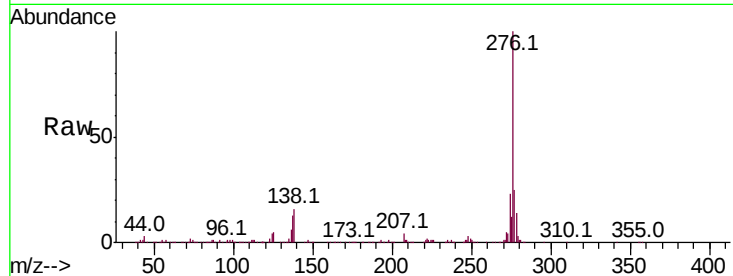




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.629 ng
 RT: 28.53 min Scan# 4297
 Delta R.T. -0.02 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

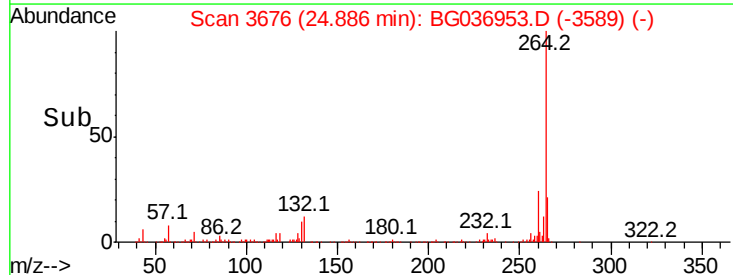
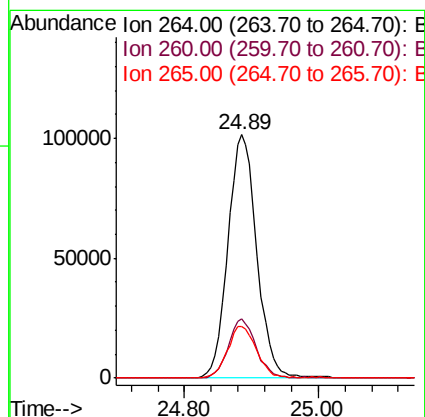
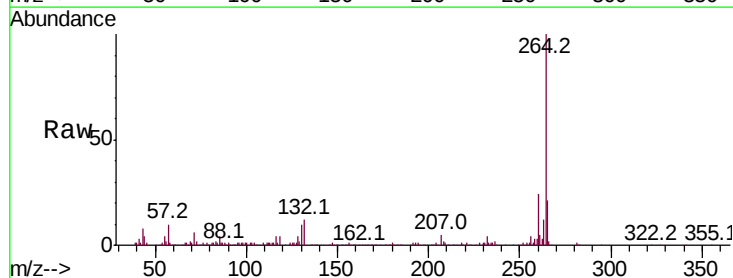
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	10.6	15.8
277	25.3	20.6	30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.1	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 43.601 ng

RT: 23.87 min Scan# 3504

Delta R.T. -0.01 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

Instrument :

BNA_F

ClientSampleId :

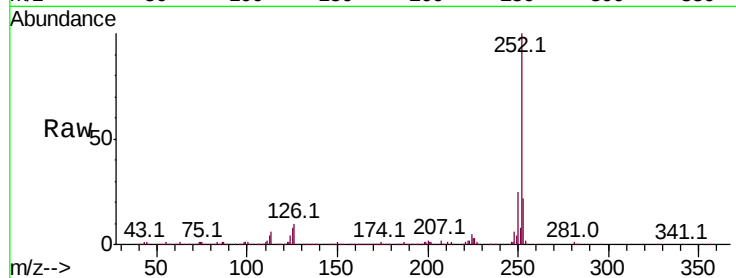
Tot Ion:252 Resp: 712429

Ion Ratio Lower Upper

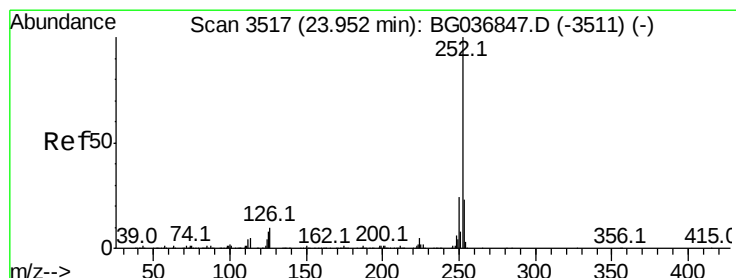
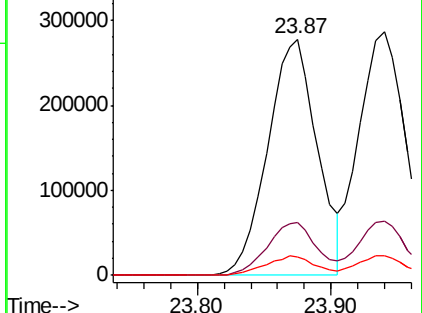
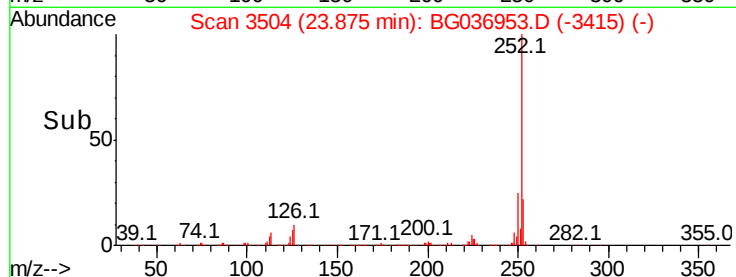
252 100

253 22.3 17.1 25.7

125 7.6 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: 42.585 ng

RT: 23.94 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BG036953.D

Acq: 25 Sep 2018 17:40

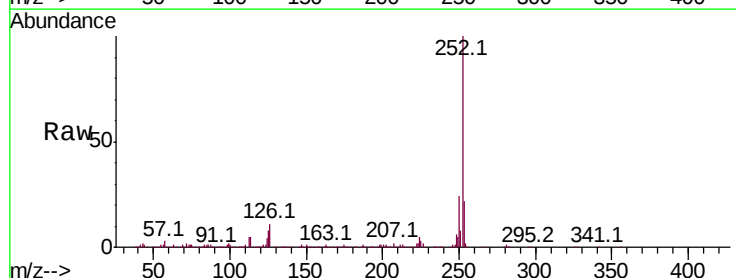
Tgt Ion:252 Resp: 698107

Ion Ratio Lower Upper

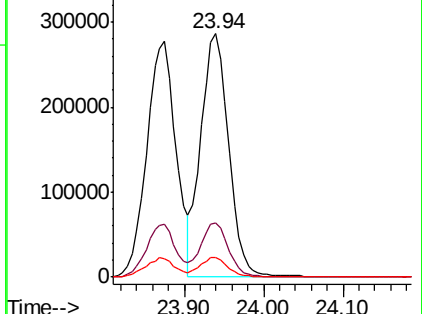
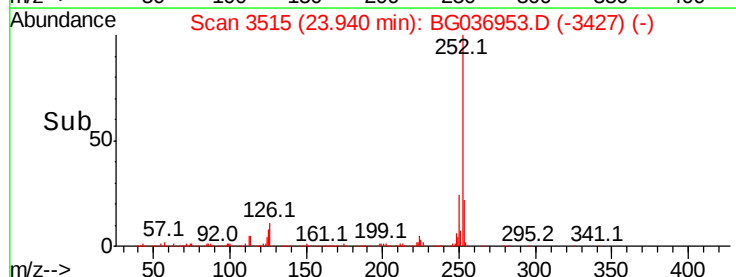
252 100

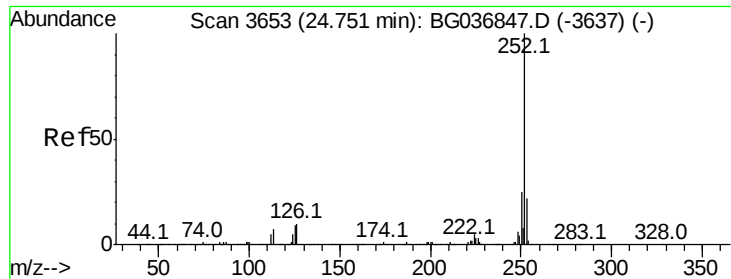
253 22.4 18.0 27.0

125 8.3 7.0 10.6



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

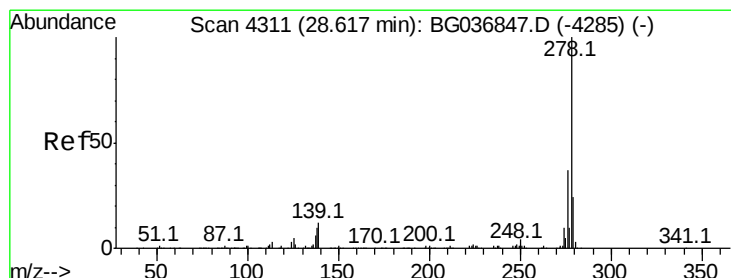
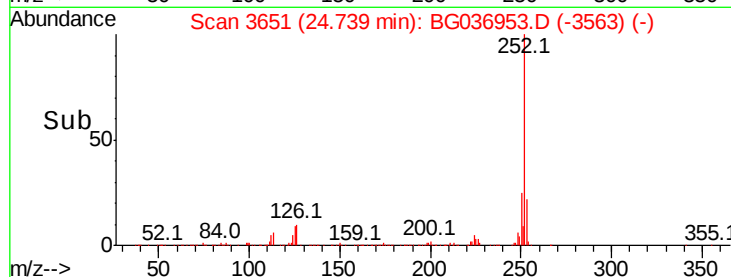
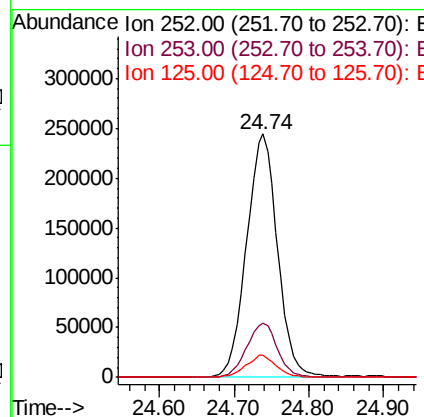
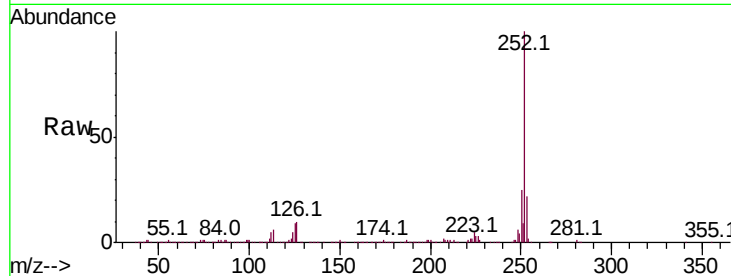




#89
Benzo(a)pyrene
Concen: 44.426 ng
RT: 24.74 min Scan# 3651
Delta R.T. -0.01 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

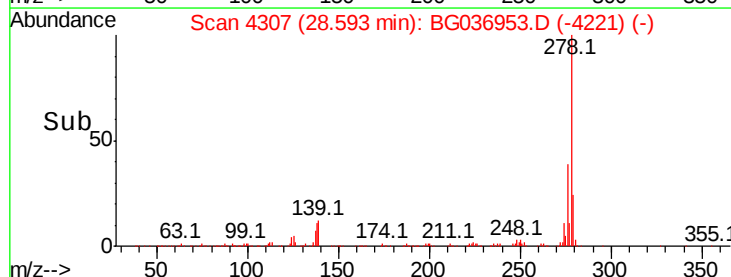
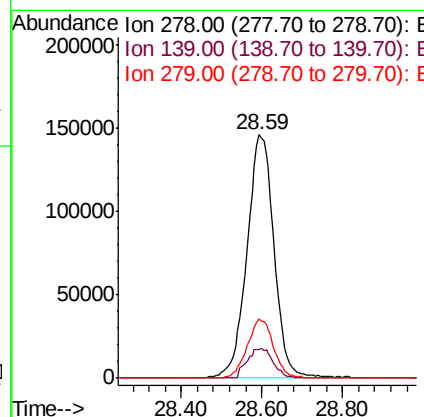
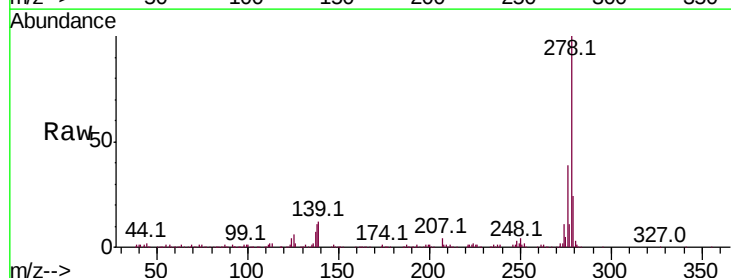
Instrument :
BNA_F
ClientSampleId :

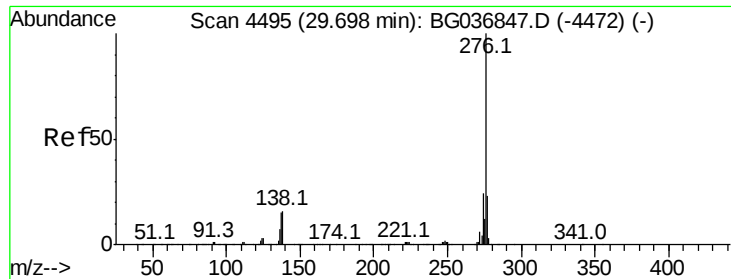
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	8.9	7.3	10.9



#90
Dibenzo(a,h)anthracene
Concen: 46.167 ng
RT: 28.59 min Scan# 4307
Delta R.T. -0.02 min
Lab File: BG036953.D
Acq: 25 Sep 2018 17:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.8	11.0	16.4
279	24.2	18.7	28.1

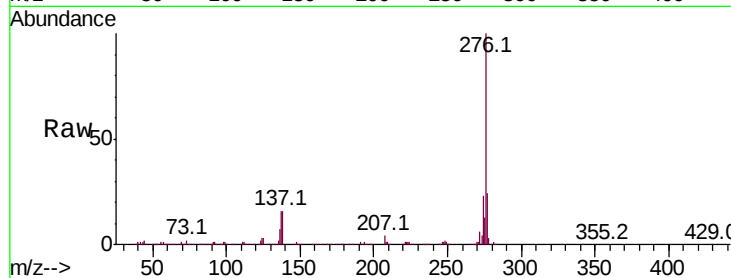




#91
 Benzo(a,h,i)perylene
 Concen: 46.758 ng
 RT: 29.68 min Scan# 4492
 Delta R.T. -0.02 min
 Lab File: BG036953.D
 Acq: 25 Sep 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot 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

