

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
 Data File : BG037137.D
 Acq On : 3 Oct 2018 17:23
 Operator : JU/SJ
 Sample : J5212-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 18:00:06 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	62077	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	247898	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	149856	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	356281	20.00	ng	0.00
75) Chrysene-d12	21.68	240	352352	20.00	ng	-0.01
86) Perylene-d12	24.88	264	359985	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	466383	144.08	ng	0.00
7) Phenol-d6	7.21	99	627733	125.34	ng	0.00
23) Nitrobenzene-d5	9.20	82	423557	91.50	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	232792	129.84	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	851568	84.64	ng	-0.01
78) Terphenyl-d14	20.01	244	1245148	92.92	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	65281	44.074	ng	96
3) Pyridine	3.92	79	175264	40.981	ng	98
4) n-Nitrosodimethylamine	3.85	42	99776	52.491	ng	# 99
6) Aniline	7.37	93	188186	28.959	ng	98
8) 2-Chlorophenol	7.61	128	186128	49.523	ng	95
9) Benzaldehyde	7.18	77	95708	28.921	ng	97
10) Phenol	7.24	94	261832	50.658	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	194801	40.745	ng	99
12) 1,3-Dichlorobenzene	7.93	146	188329	40.872	ng	98
13) 1,4-Dichlorobenzene	8.08	146	195974	41.560	ng	98
14) 1,2-Dichlorobenzene	8.39	146	183981	40.262	ng	96
15) Benzyl Alcohol	8.28	79	171300	42.155	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	392492	42.761	ng	97
17) 2-Methylphenol	8.48	107	166895	46.356	ng	98
18) Hexachloroethane	9.12	117	76157	43.888	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	162503	39.006	ng	98
20) 3+4-Methylphenols	8.81	107	229478	45.817	ng	97
22) Acetophenone	8.86	105	283506	48.666	ng	# 97
24) Nitrobenzene	9.24	77	241616	48.875	ng	100
25) Isophorone	9.76	82	450531	53.263	ng	99
26) 2-Nitrophenol	9.96	139	105968	53.778	ng	99
27) 2,4-Dimethylphenol	10.01	122	175354	57.129	ng	99
28) bis(2-Chloroethoxy)methane	10.24	93	266733	51.105	ng	98
29) 2,4-Dichlorophenol	10.49	162	189544	53.270	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	198347	44.544	ng	98
31) Naphthalene	10.89	128	578216	49.021	ng	99
32) Benzoic acid	10.01	122	175354	71.345	ng	# 14
33) 4-Chloroaniline	11.00	127	97911	18.257	ng	99
34) Hexachlorobutadiene	11.17	225	134318	43.619	ng	96
35) Caprolactam	11.78	113	44604	30.457	ng	94
36) 4-Chloro-3-methylphenol	12.12	107	202988	47.812	ng	99
37) 2-Methylnaphthalene	12.49	142	431110	47.990	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	234614	44.888	ng	97
40) Hexachlorocyclopentadiene	12.83	237	279884	104.119	ng	99

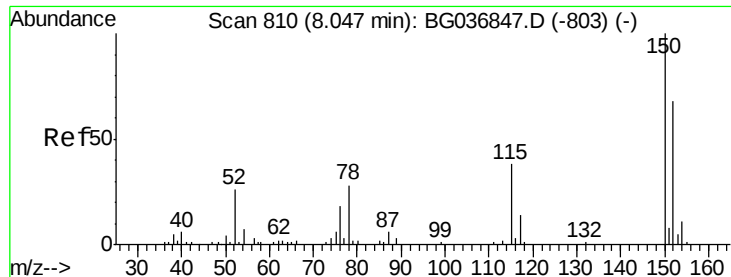
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
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 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	148268	51.084	nq	97
43) 2,4,5-Trichlorophenol	13.18	196	165702	53.541	nq	97
45) 1,1'-Biphenyl	13.50	154	550958	48.006	nq	98
46) 2-Chloronaphthalene	13.55	162	420809	46.624	nq	100
47) 2-Nitroaniline	13.75	65	158345	50.722	nq	96
48) Acenaphthylene	14.39	152	704656	49.823	nq	99
49) Dimethylphthalate	14.12	163	901065	74.700	nq	98
50) 2,6-Dinitrotoluene	14.24	165	123626	46.974	nq	99
51) Acenaphthene	14.73	154	399698	46.760	nq	99
52) 3-Nitroaniline	14.57	138	78802	28.415	nq	97
53) 2,4-Dinitrophenol	14.78	184	49247	43.760	nq	92
54) Dibenzofuran	15.06	168	655384	45.329	nq	98
55) 4-Nitrophenol	14.89	139	176196	99.452	nq	99
56) 2,4-Dinitrotoluene	15.03	165	177680	48.383	nq	94
57) Fluorene	15.71	166	523555	48.448	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	154730	49.284	nq	97
59) Diethylphthalate	15.48	149	545453	44.834	nq	100
60) 4-Chlorophenyl-phenylether	15.70	204	290119	42.392	nq	99
61) 4-Nitroaniline	15.74	138	133881	45.895	nq	95
62) Azobenzene	16.00	77	565765	48.398	nq	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	91692	49.226	nq	95
65) n-Nitrosodiphenylamine	15.92	169	472687	48.057	nq	98
66) 4-Bromophenyl-phenylether	16.59	248	182360	44.999	nq	98
67) Hexachlorobenzene	16.72	284	183849	44.048	nq	98
68) Atrazine	16.87	200	197638	49.625	nq	98
69) Pentachlorophenol	17.06	266	209881	79.869	nq	98
70) Phenanthrene	17.45	178	843340	49.120	nq	99
71) Anthracene	17.54	178	860963	50.714	nq	99
72) Carbazole	17.81	167	774732	46.805	nq	100
73) Di-n-butylphthalate	18.36	149	895467	48.714	nq	99
74) Fluoranthene	19.46	202	1010919	48.915	nq	99
76) Benzidine	19.64	184	320471	30.087	nq	99
77) Pyrene	19.82	202	994330	47.026	nq	99
79) Butylbenzylphthalate	20.70	149	417281	49.512	nq	96
80) Benzo(a)anthracene	21.66	228	991960	48.227	nq	100
81) 3,3'-Dichlorobenzidine	21.57	252	217267	27.751	nq	96
82) Chrysene	21.72	228	931887	46.892	nq	98
83) Bis(2-ethylhexyl)phthalate	21.55	149	585657	49.743	nq	99
84) Di-n-octyl phthalate	22.76	149	995912	51.376	nq	98
85) Indeno(1,2,3-cd)pyrene	28.53	276	1099856	51.538	nq	98
87) Benzo(b)fluoranthene	23.86	252	966636	50.386	nq	97
88) Benzo(k)fluoranthene	23.93	252	949291	49.321	nq	99
89) Benzo(a)pyrene	24.73	252	959392	51.727	nq	100
90) Dibenzo(a,h)anthracene	28.59	278	891095	51.264	nq	96
91) Benzo(g,h,i)perylene	29.66	276	915885	52.500	nq	97

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

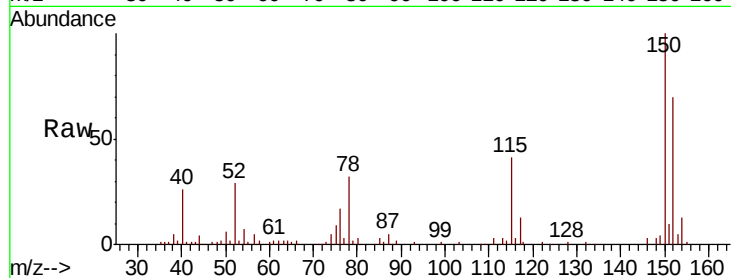


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.9	119.5	179.3
115	57.9	44.5	66.7

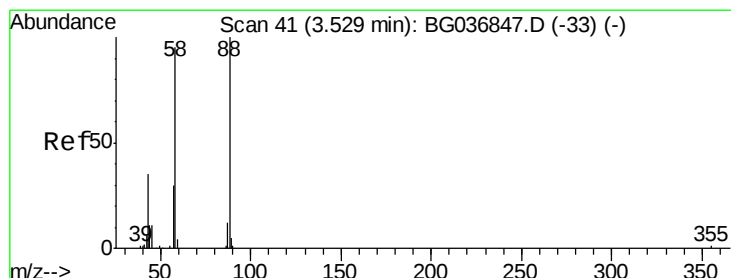
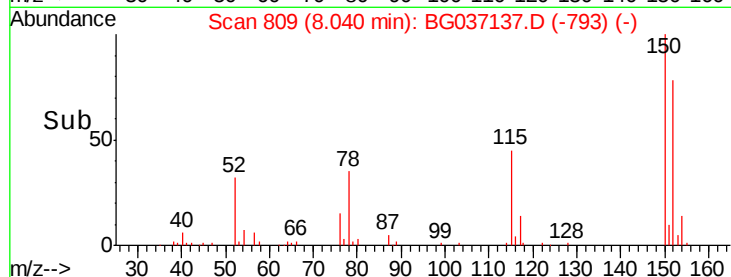
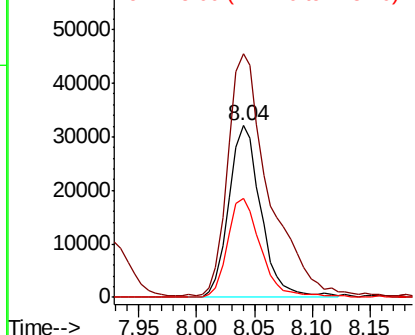


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

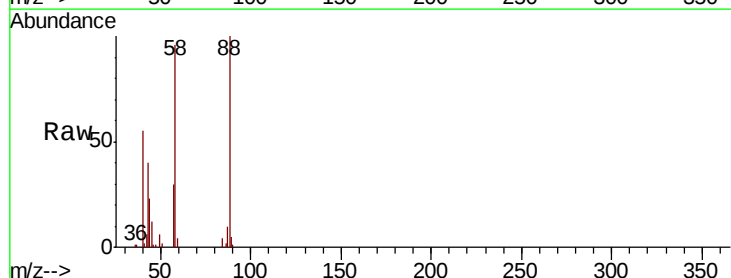
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 44.074 ng
RT: 3.53 min Scan# 42
Delta R.T. 0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.5	72.6	109.0
43	31.2	29.0	43.4

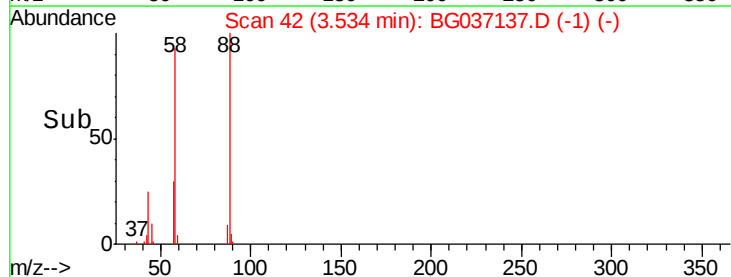
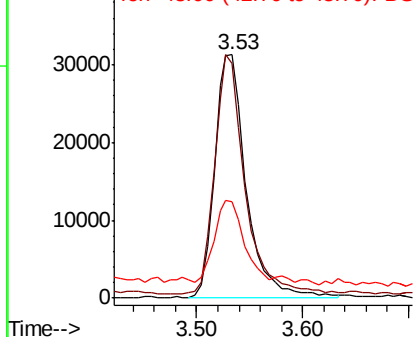


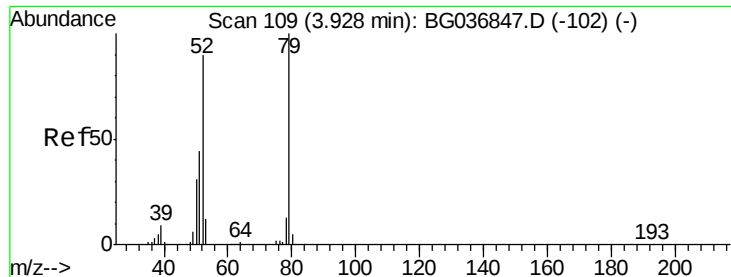
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.981 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_F

ClientSampled :

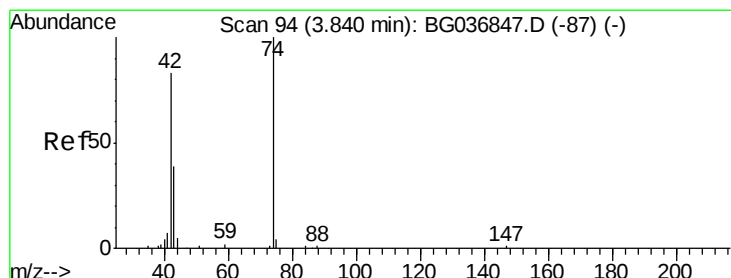
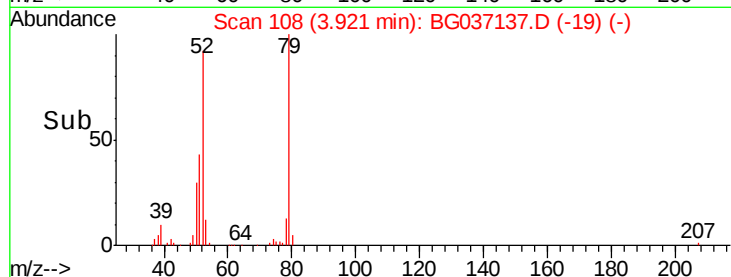
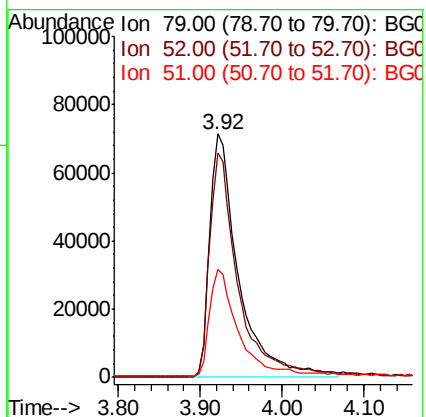
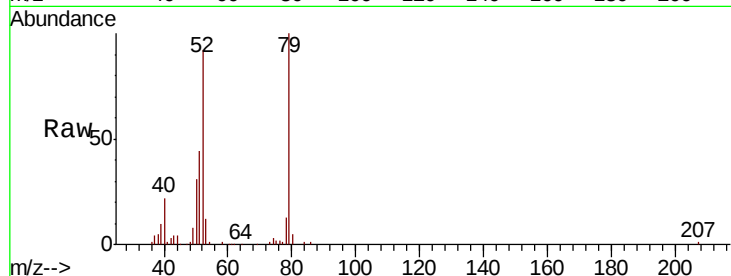
Tot Ion: 79 Resp: 175264

Ion Ratio Lower Upper

79 100

52 92.1 72.3 108.5

51 44.4 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 52.491 ng

RT: 3.85 min Scan# 95

Delta R.T. 0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

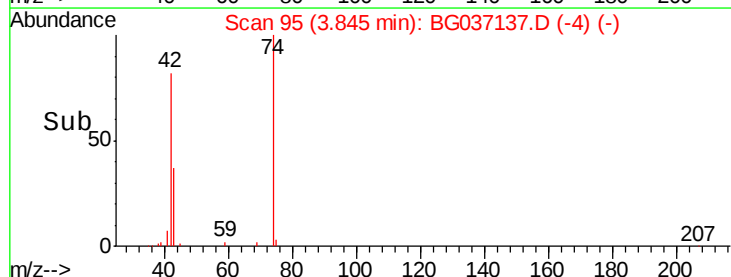
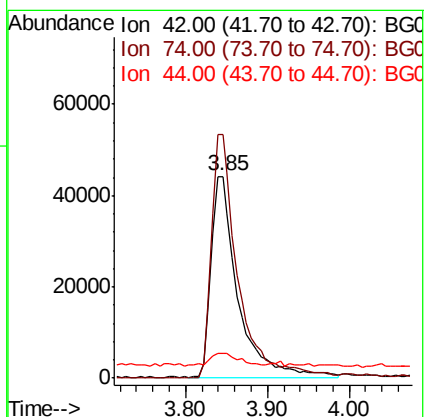
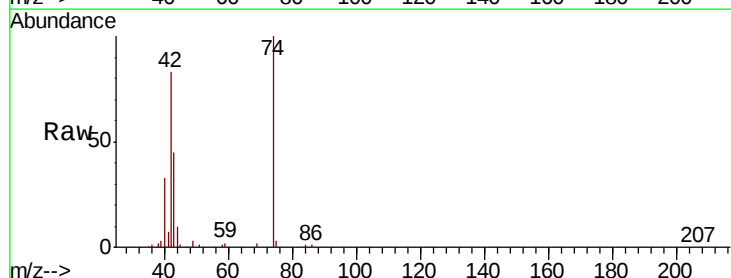
Tgt Ion: 42 Resp: 99776

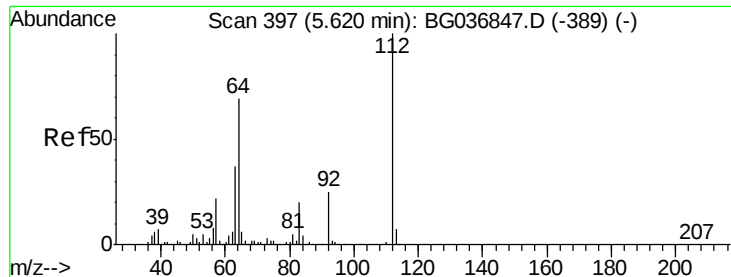
Ion Ratio Lower Upper

42 100

74 120.8 96.6 145.0

44 12.5 7.0 10.4#





#5

2-Fluorophenol

Concen: 144.083 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :
BNA_F
ClientSampleId :

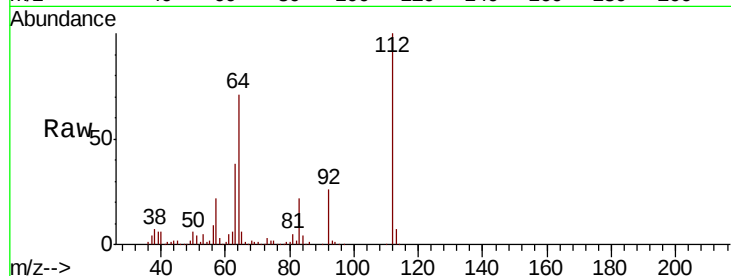
Tot Ion:112 Resp: 466383

Ion Ratio Lower Upper

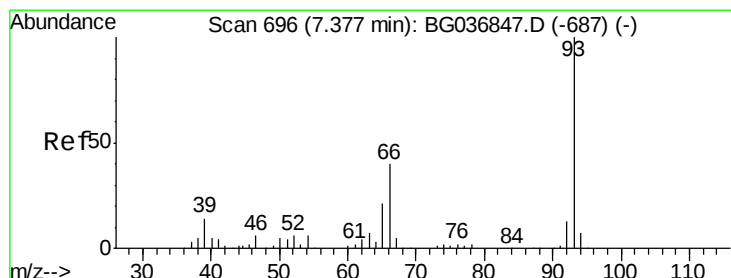
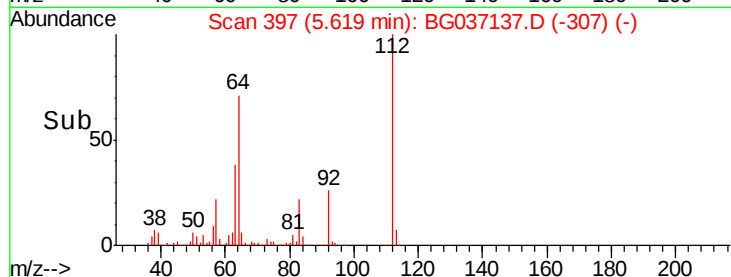
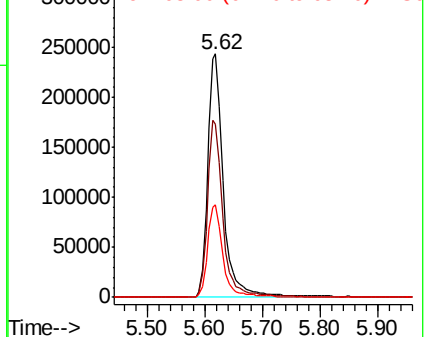
112 100

64 71.3 57.2 85.8

63 37.9 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.959 ng

RT: 7.37 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

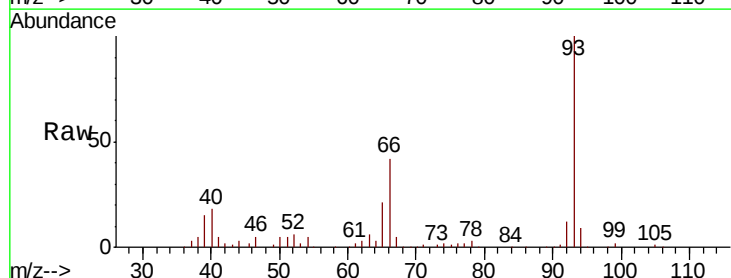
Tgt Ion: 93 Resp: 188186

Ion Ratio Lower Upper

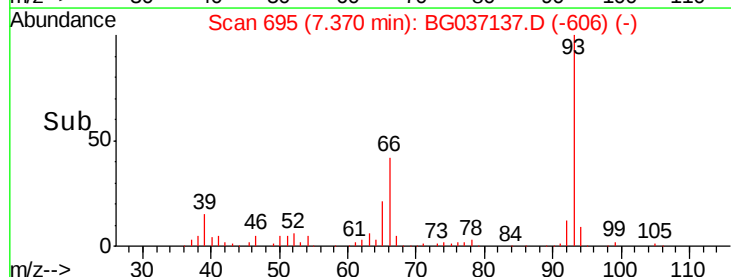
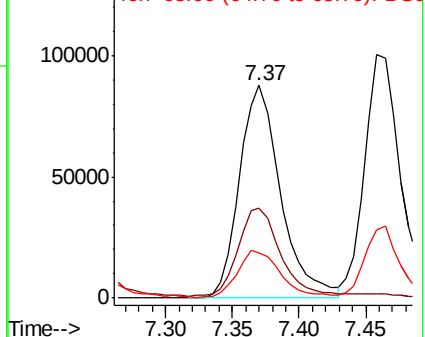
93 100

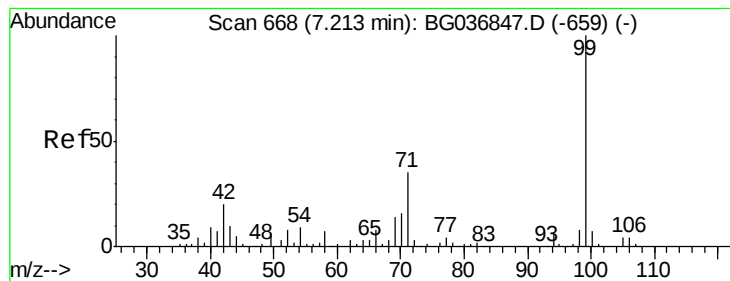
66 42.1 35.0 52.4

65 21.3 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: 125.345 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_F

ClientSampleId :

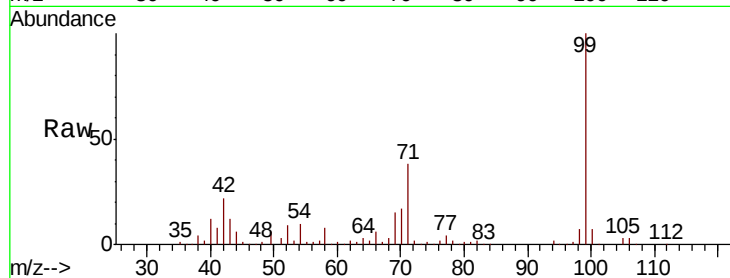
Tot Ion: 99 Resp: 627733

Ion Ratio Lower Upper

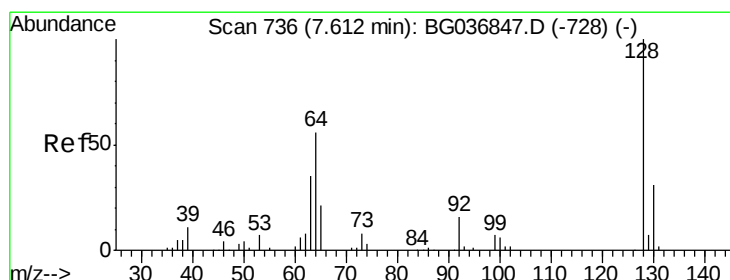
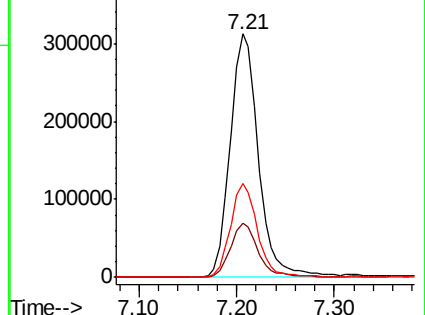
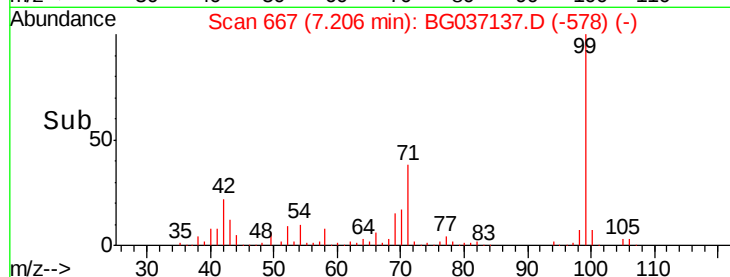
99 100

42 22.1 16.5 24.7

71 38.4 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: 49.523 ng

RT: 7.61 min Scan# 735

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

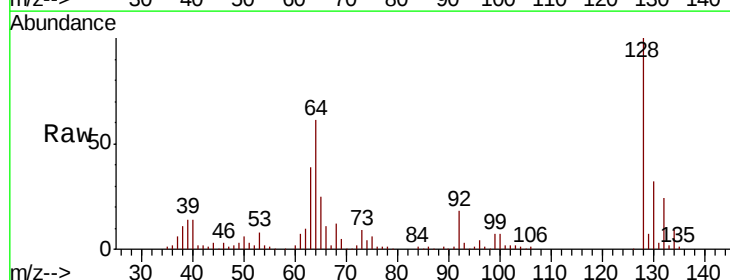
Tgt Ion:128 Resp: 186128

Ion Ratio Lower Upper

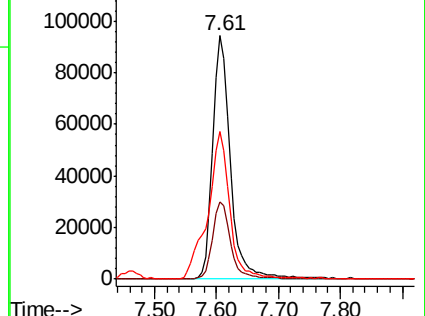
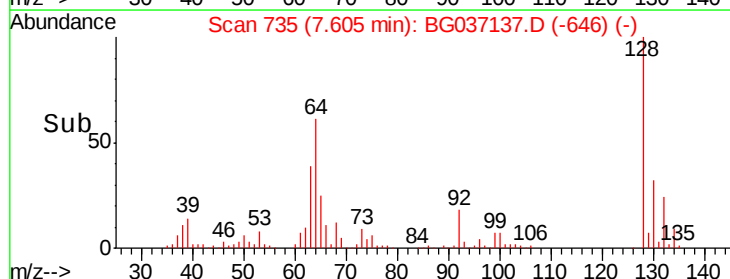
128 100

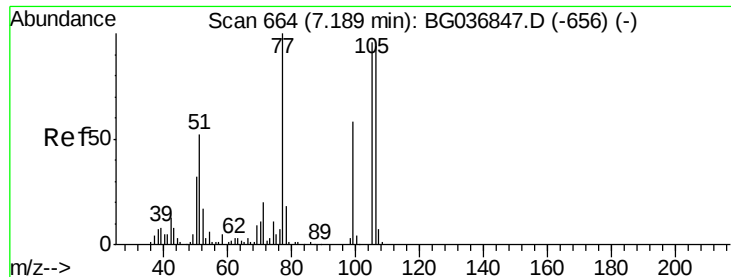
130 31.7 10.0 50.0

64 60.7 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: 28.921 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_F

ClientSampled :

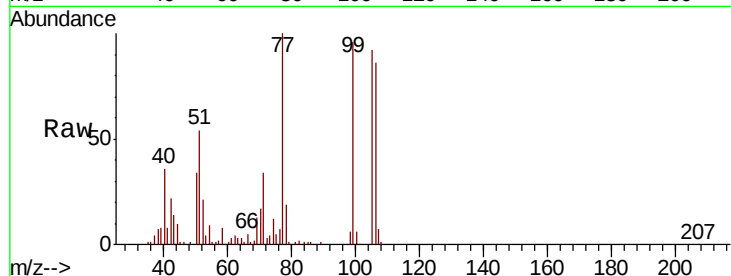
Tot Ion: 77 Resp: 95708

Ion Ratio Lower Upper

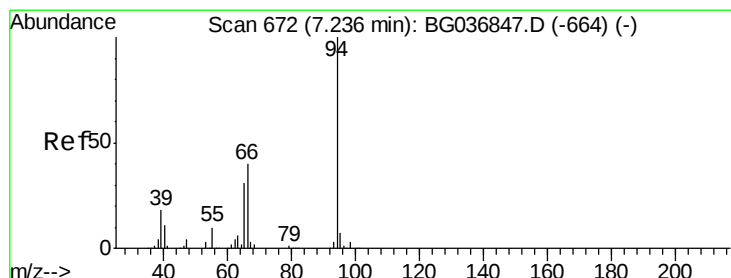
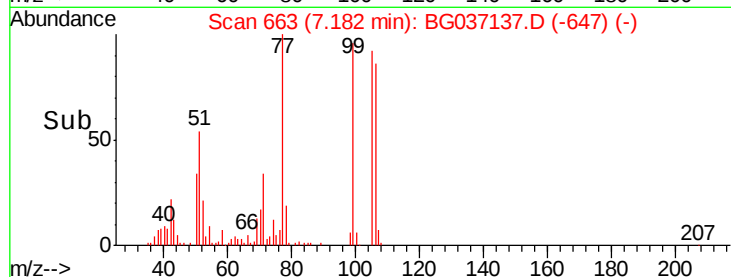
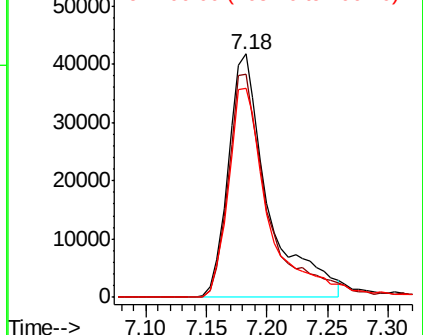
77 100

105 91.6 70.5 110.5

106 85.6 69.8 109.8



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



#10

Phenol

Concen: 50.658 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

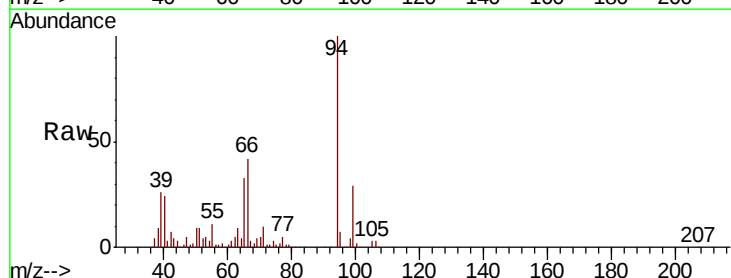
Tgt Ion: 94 Resp: 261832

Ion Ratio Lower Upper

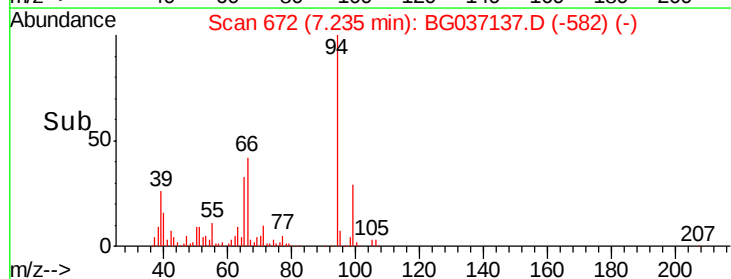
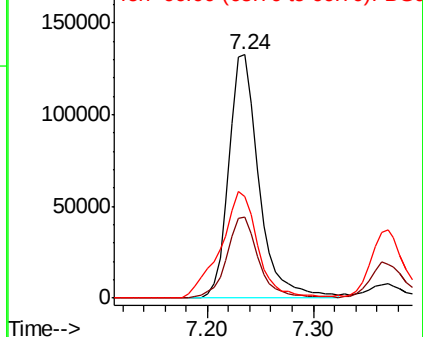
94 100

65 33.1 11.5 51.5

66 41.6 19.5 59.5



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

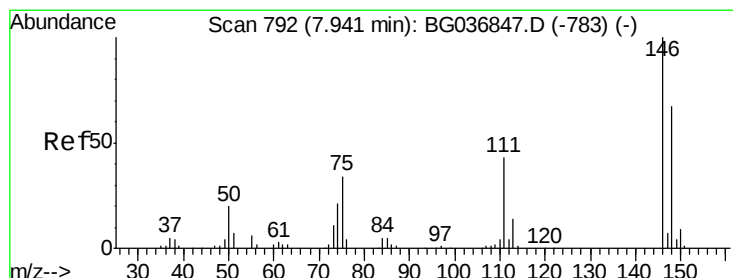
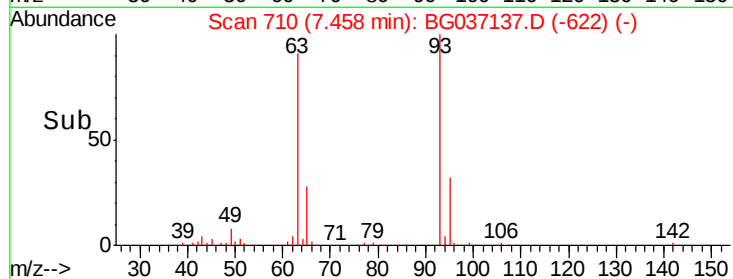
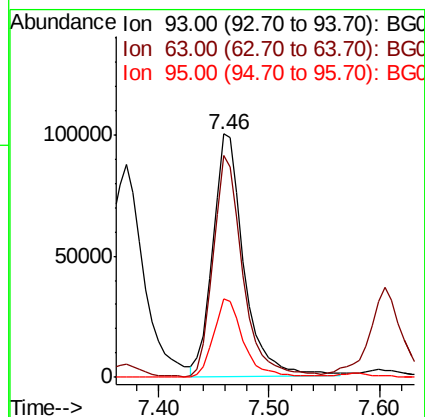
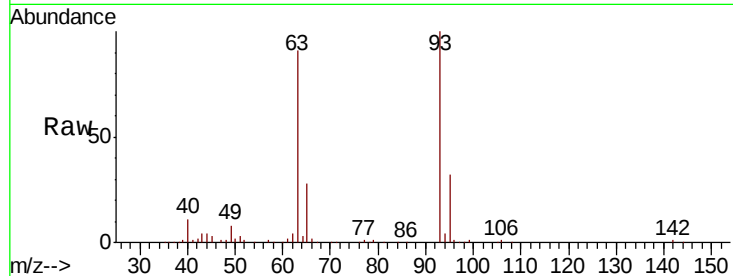




#11
 bis(2-Chloroethyl)ether
 Concen: 40.745 ng
 RT: 7.46 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

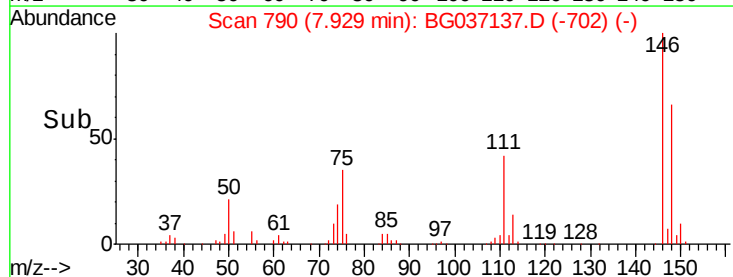
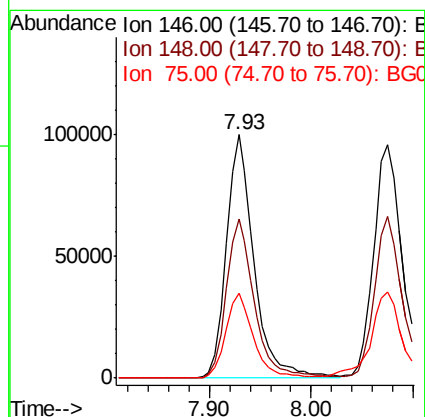
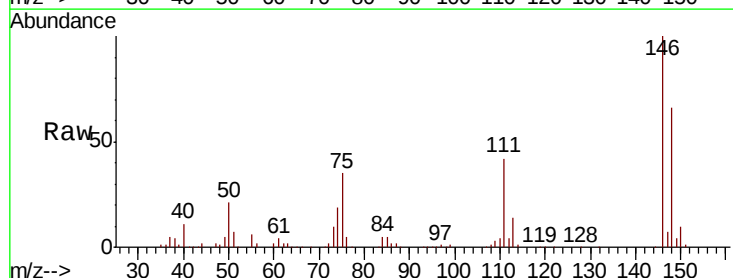
Instrument :
 BNA_F
 ClientSampled :

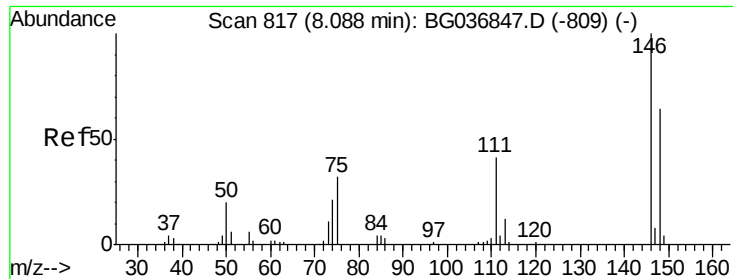
Tot Ion: 93 Resp: 194801
 Ion Ratio Lower Upper
 93 100
 63 91.1 69.9 109.9
 95 32.5 11.7 51.7



#12
 1,3-Dichlorobenzene
 Concen: 40.872 ng
 RT: 7.93 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Tgt Ion: 146 Resp: 188329
 Ion Ratio Lower Upper
 146 100
 148 65.6 53.8 80.6
 75 34.9 27.2 40.8

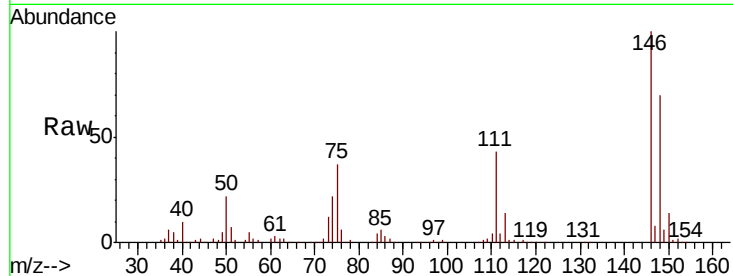




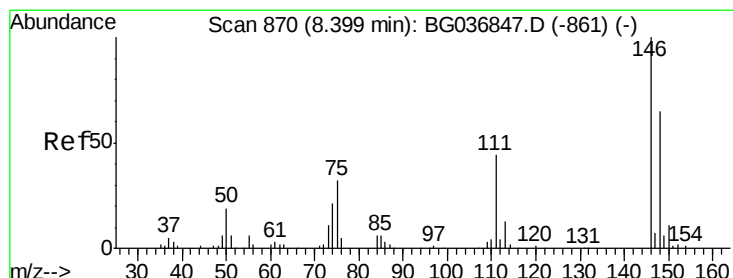
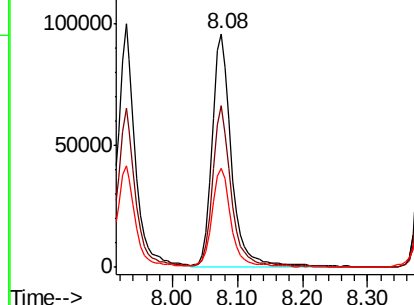
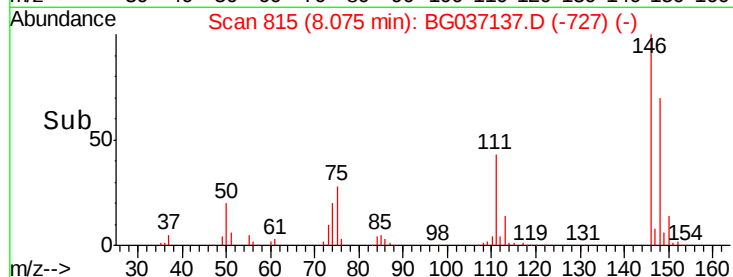
#13
 1,4-Dichlorobenzene
 Concen: 41.560 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 195974
 Ion Ratio Lower Upper
 146 100
 148 69.5 53.9 80.9
 111 42.7 33.8 50.6

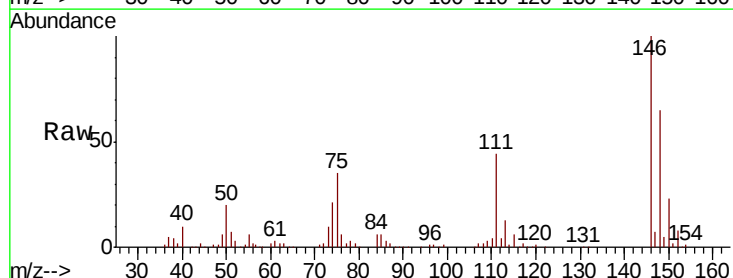


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

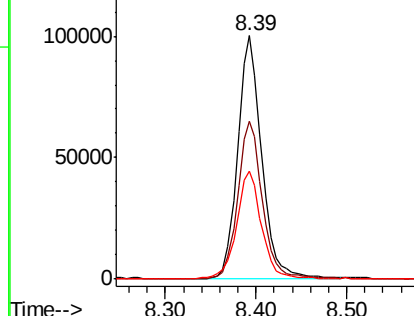
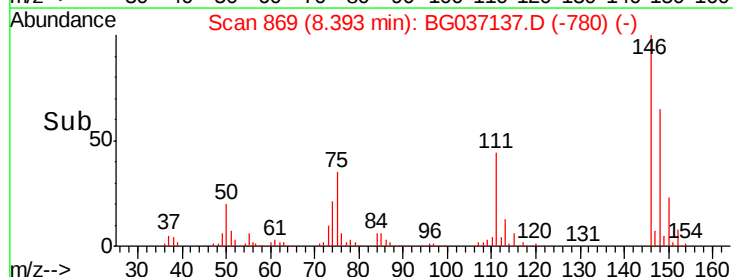


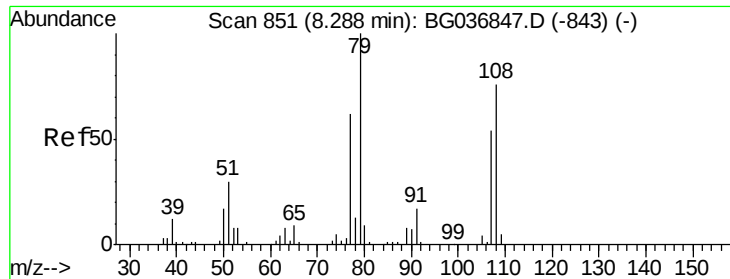
#14
 1,2-Dichlorobenzene
 Concen: 40.262 ng
 RT: 8.39 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Tgt Ion:146 Resp: 183981
 Ion Ratio Lower Upper
 146 100
 148 64.7 55.0 82.6
 111 44.1 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 42.155 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_F

ClientSampleId :

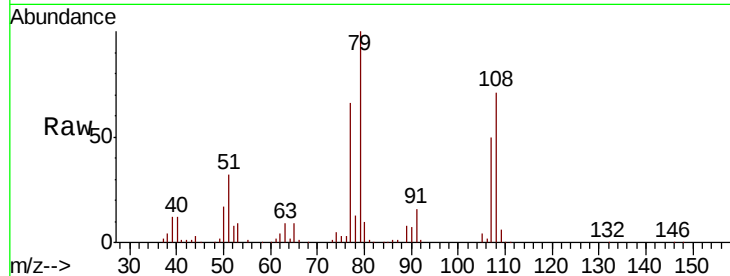
Tot Ion: 79 Resp: 171300

Ion Ratio Lower Upper

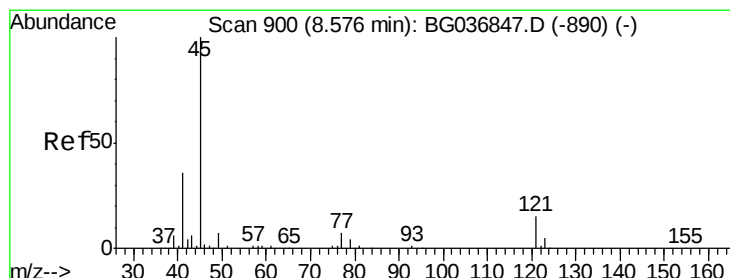
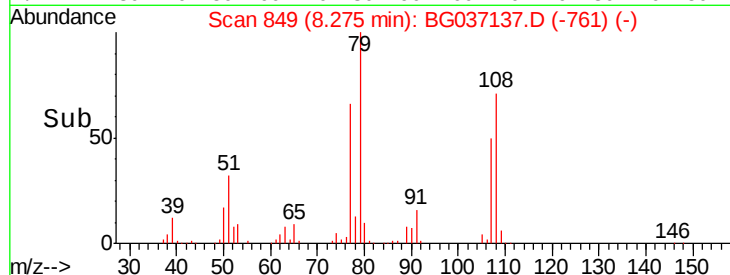
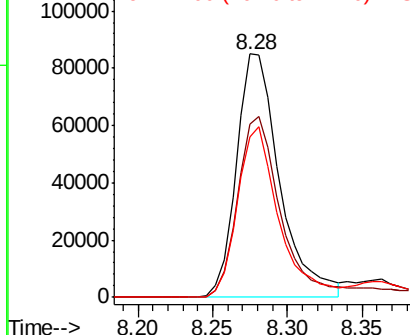
79 100

108 71.3 55.9 83.9

77 65.7 50.0 75.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.761 ng

RT: 8.56 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

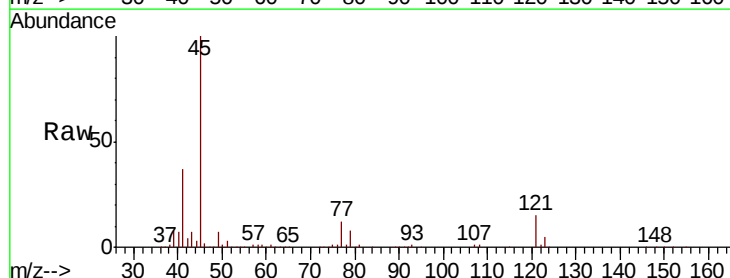
Tgt Ion: 45 Resp: 392492

Ion Ratio Lower Upper

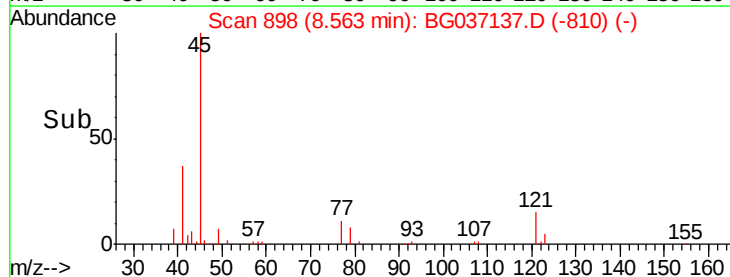
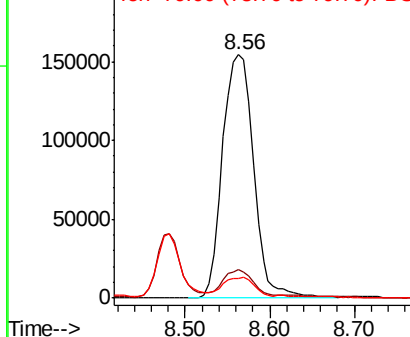
45 100

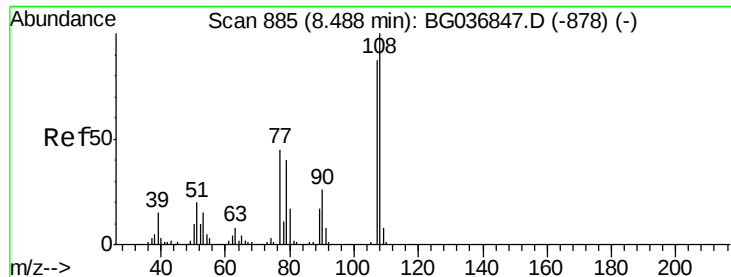
77 12.0 0.0 30.5

79 8.3 0.0 27.9



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





#17

2-Methylphenol

Concen: 46.356 ng

RT: 8.48 min Scan# 884

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 166895

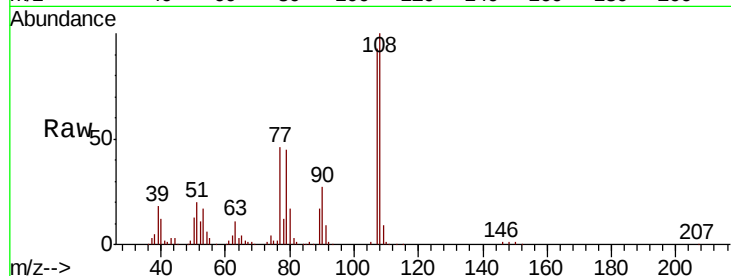
Ion Ratio Lower Upper

107 100

108 107.1 86.7 130.1

77 48.8 39.0 58.4

79 48.1 36.6 54.8

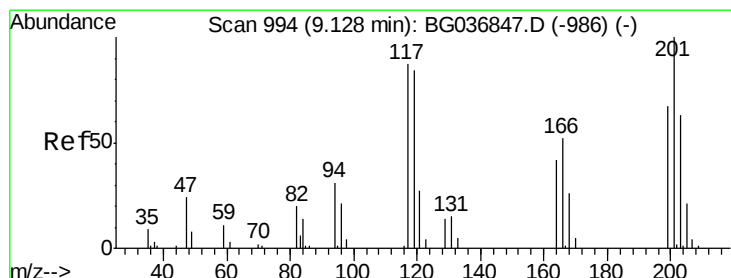
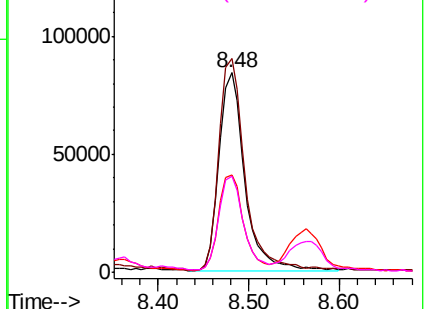
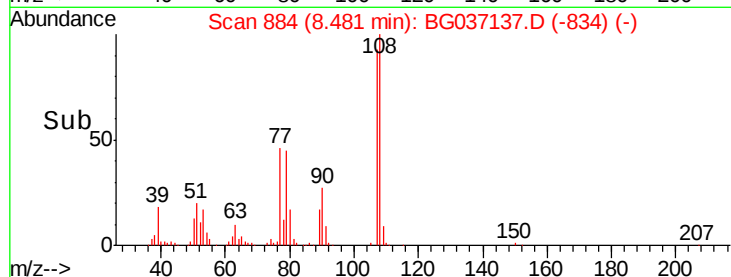


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 43.888 ng

RT: 9.12 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

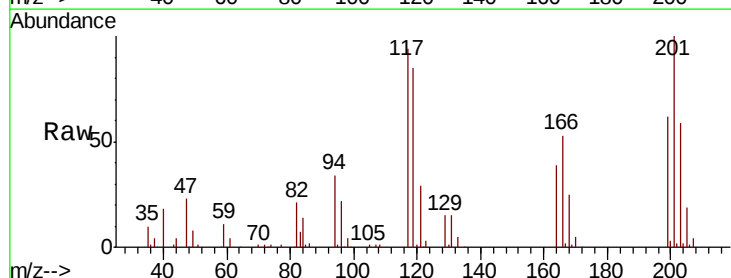
Tgt Ion:117 Resp: 76157

Ion Ratio Lower Upper

117 100

119 90.4 76.8 115.2

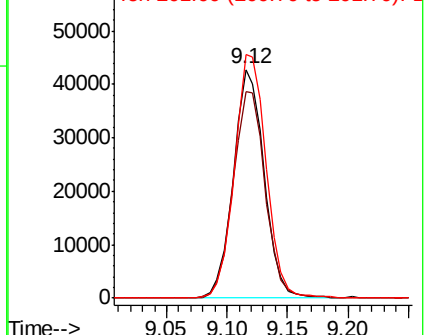
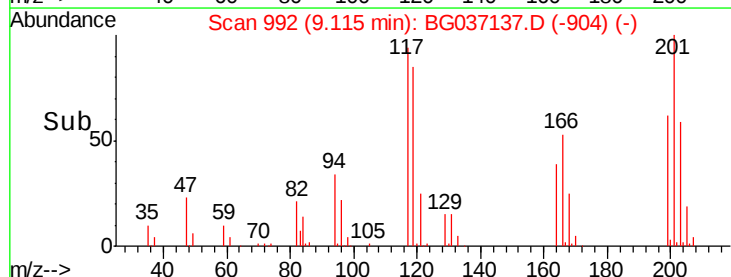
201 106.4 85.7 128.5

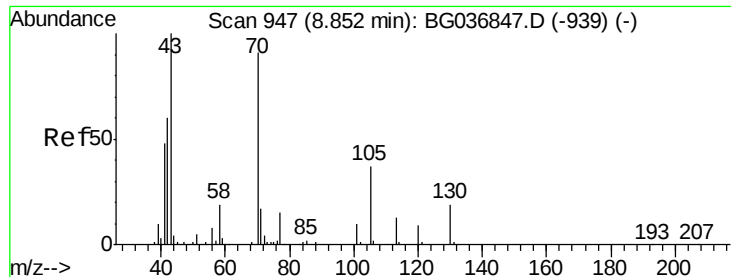


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

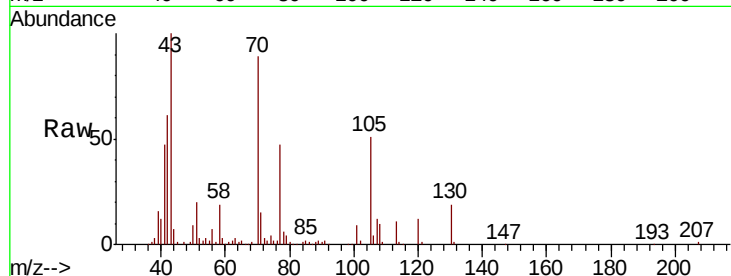




#19
n-Nitroso-di-n-propylamine
Concen: 39.006 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	162503
Ion	Ratio	Lower	Upper
70	100		
42	68.3	56.2	84.4
101	9.6	7.8	11.6
130	21.7	16.2	24.2



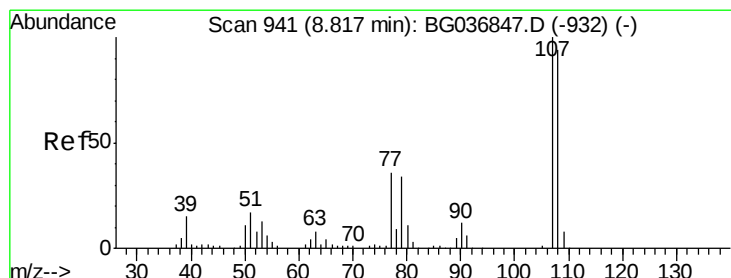
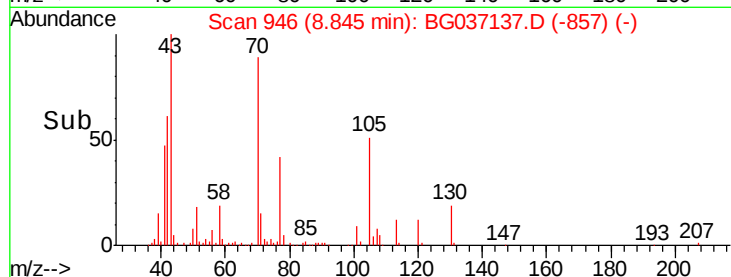
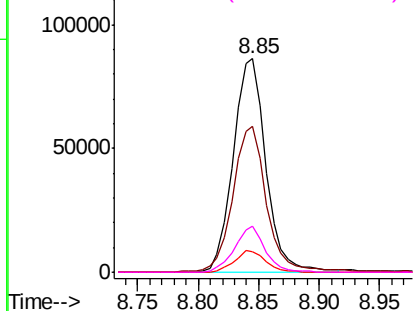
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

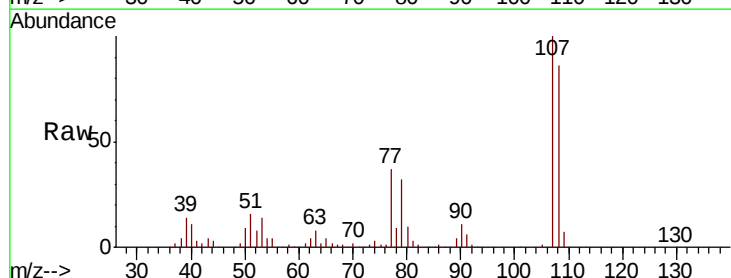
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 45.817 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion:	107	Resp:	229478
Ion	Ratio	Lower	Upper
107	100		
108	85.8	68.0	108.0
77	37.1	15.6	55.6
79	32.0	9.9	49.9



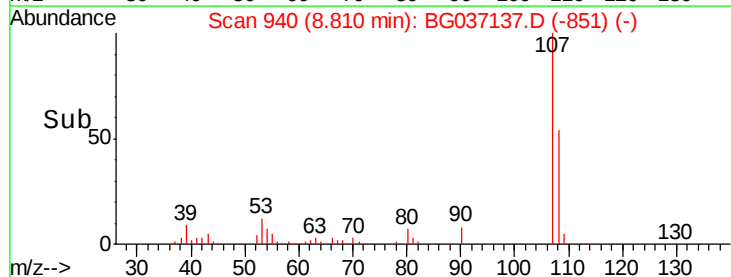
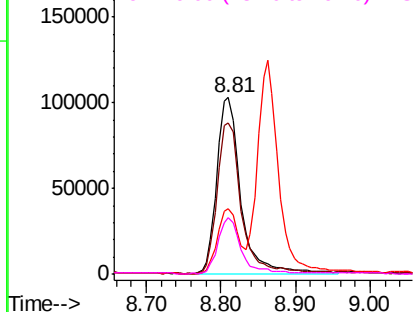
Abundance

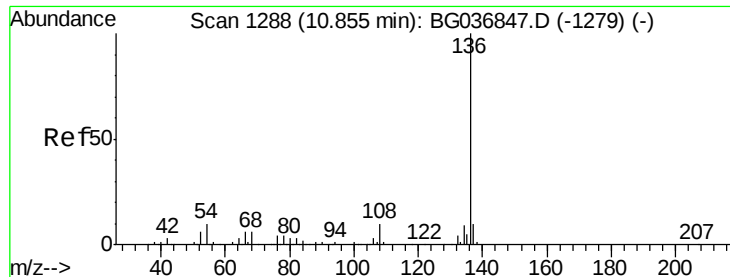
Ion 107.00 (106.70 to 107.70): BGC

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: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 247898

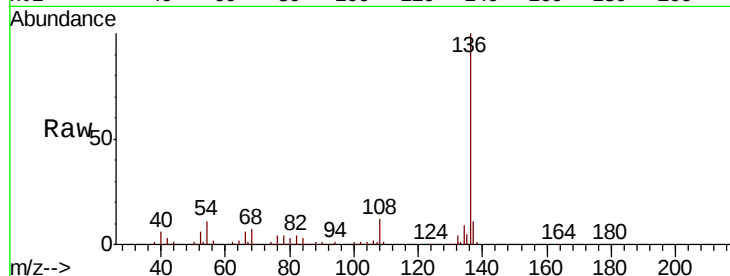
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 11.1 9.2 13.8

68 7.4 5.8 8.6

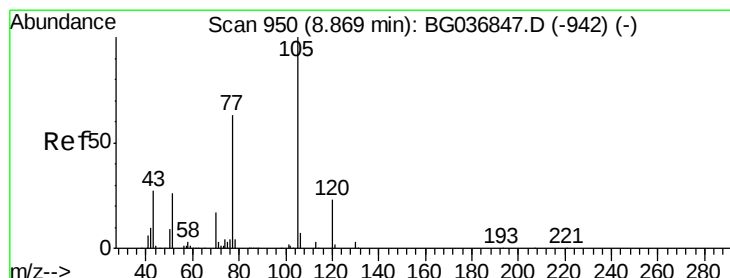
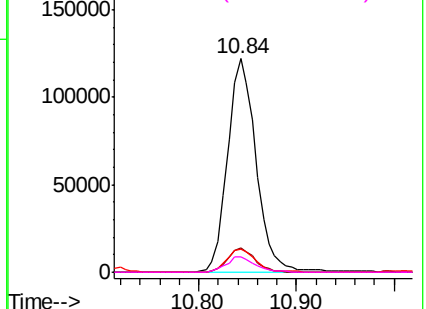
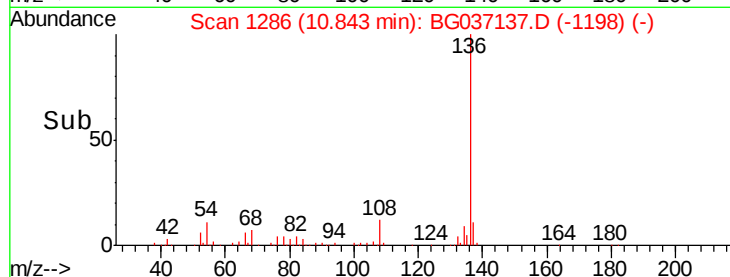


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 48.666 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Tgt Ion:105 Resp: 283506

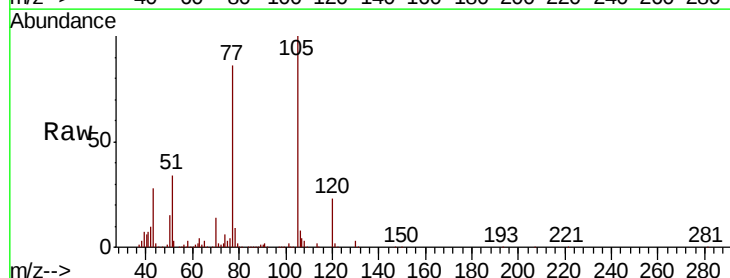
Ion Ratio Lower Upper

105 100

71 2.2 2.4 3.6#

51 34.5 25.9 38.9

120 23.0 19.4 29.0

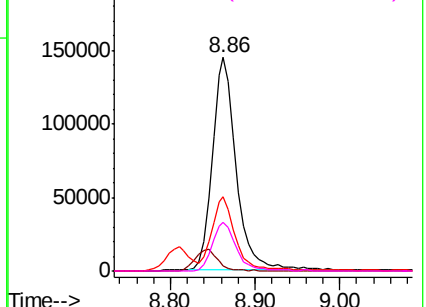
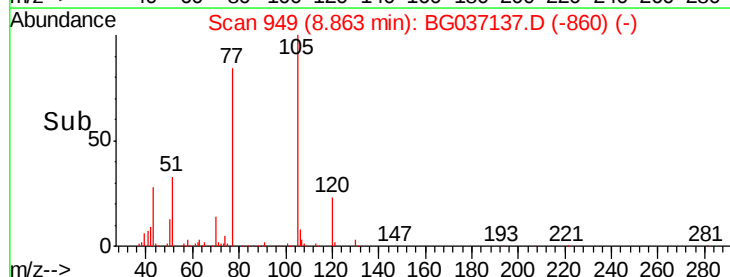


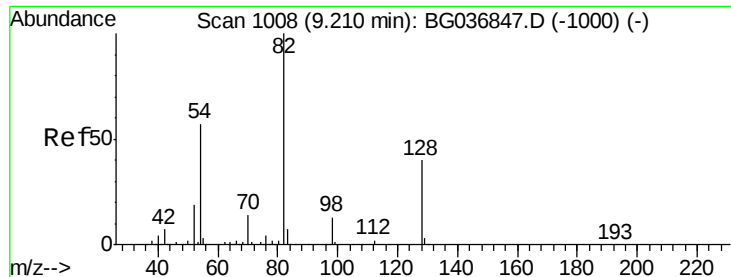
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

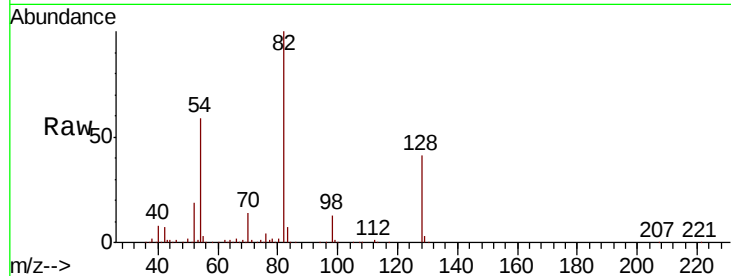




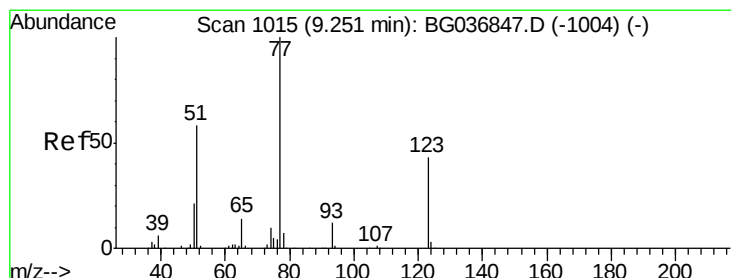
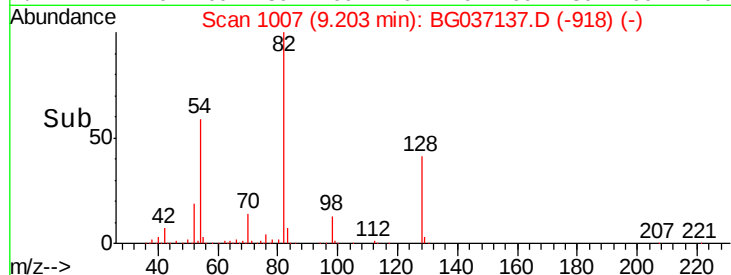
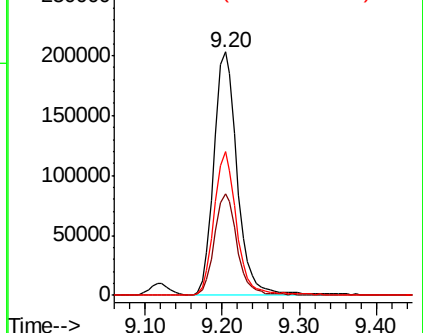
#23
Nitrobenzene-d5
Concen: 91.497 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	423557
Ion Ratio	100	Lower	Upper
128	41.5	33.3	49.9
54	59.1	45.1	67.7

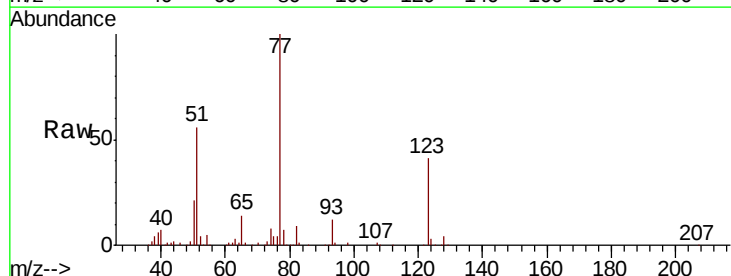


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

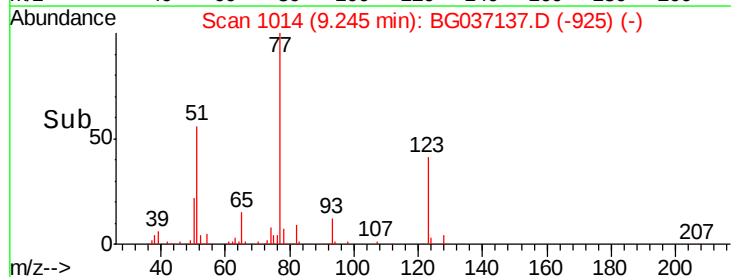
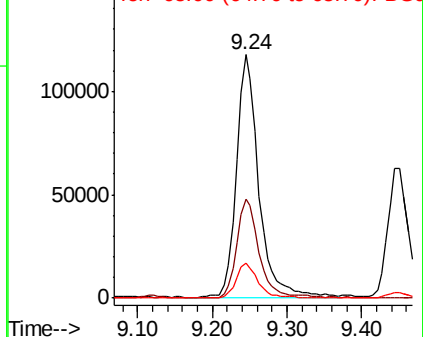


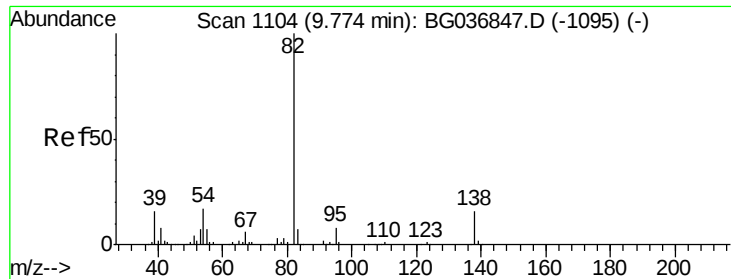
#24
Nitrobenzene
Concen: 48.875 ng
RT: 9.24 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	77	Resp	241616
Ion Ratio	100	Lower	Upper
123	40.6	32.4	48.6
65	14.5	11.5	17.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 53.263 ng

RT: 9.76 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_F

ClientSampleId :

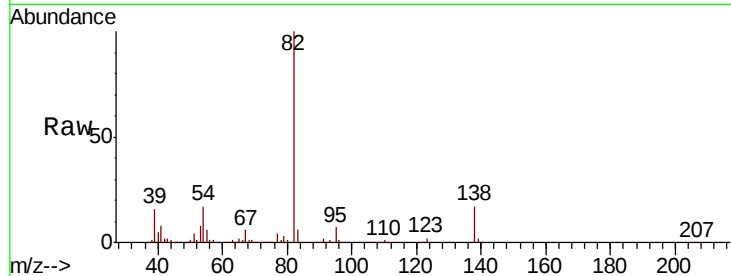
Tot Ion: 82 Resp: 450531

Ion Ratio Lower Upper

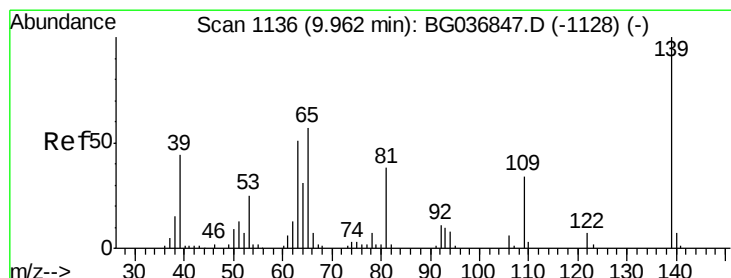
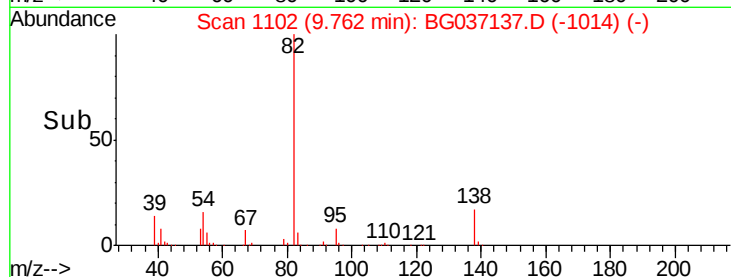
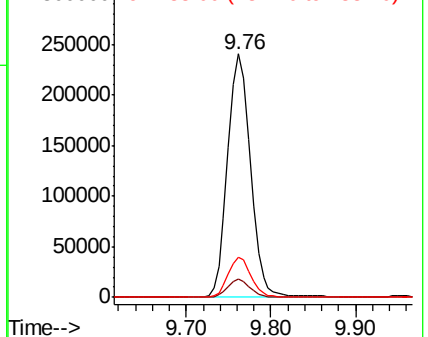
82 100

95 7.4 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: 53.778 ng

RT: 9.96 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

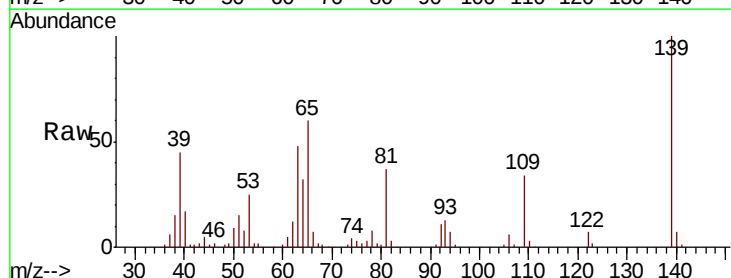
Tgt Ion: 139 Resp: 105968

Ion Ratio Lower Upper

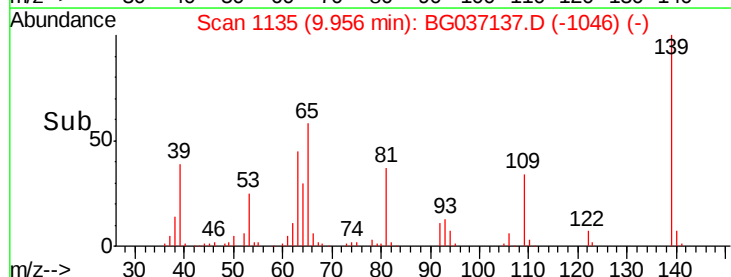
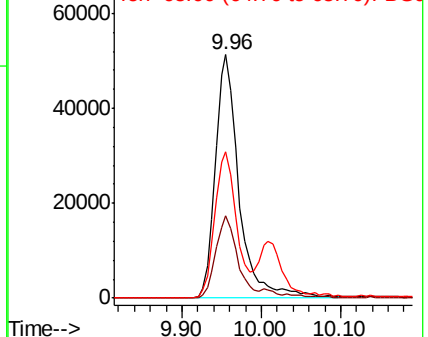
139 100

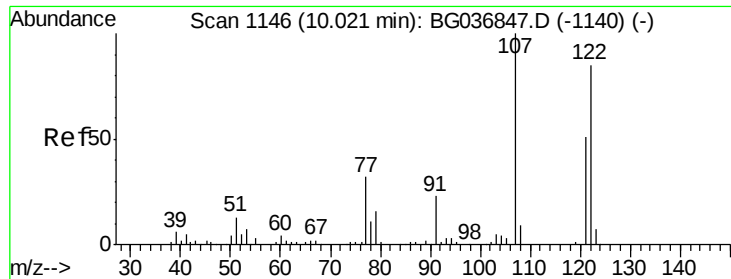
109 33.7 27.4 41.0

65 60.1 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

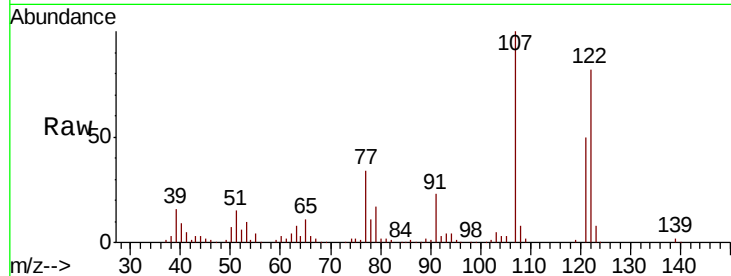




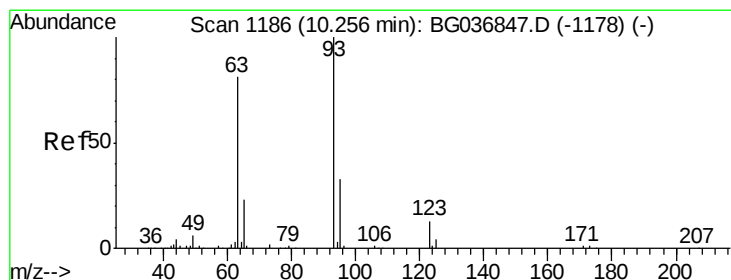
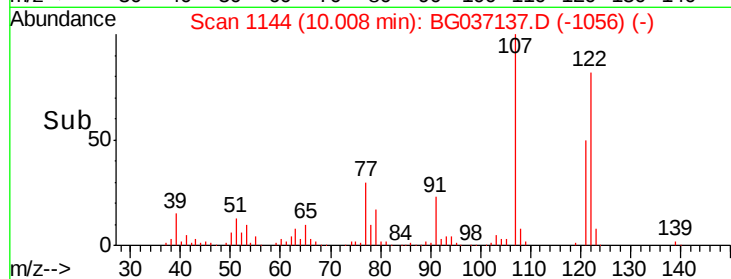
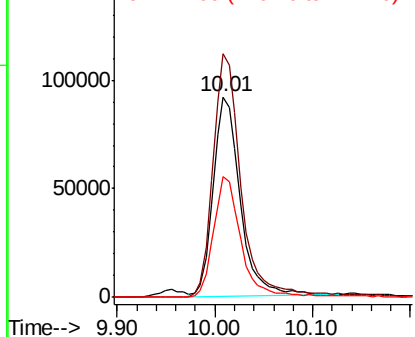
#27
 2,4-Dimethylphenol
 Concen: 57.129 ng
 RT: 10.01 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 175354
 Ion Ratio Lower Upper
 122 100
 107 121.5 96.0 144.0
 121 60.4 48.2 72.4

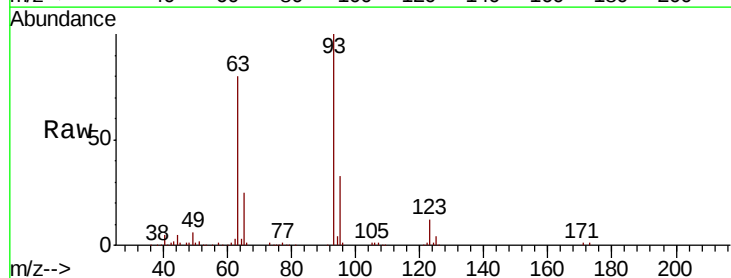


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

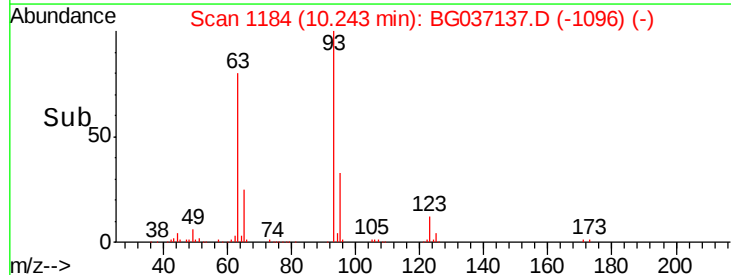
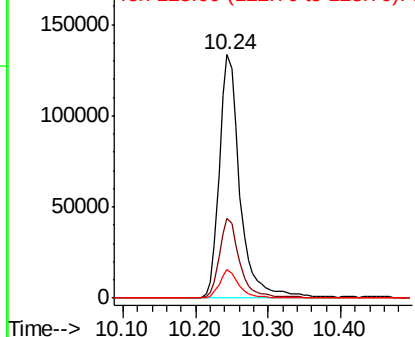


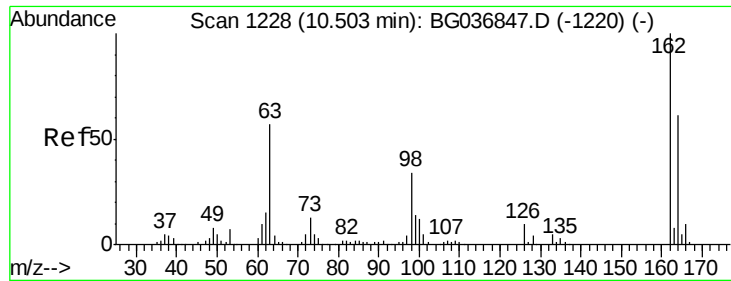
#28
 bis(2-Chloroethoxy)methane
 Concen: 51.105 ng
 RT: 10.24 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Tgt Ion: 93 Resp: 266733
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.2 37.8
 123 11.6 8.6 12.8



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

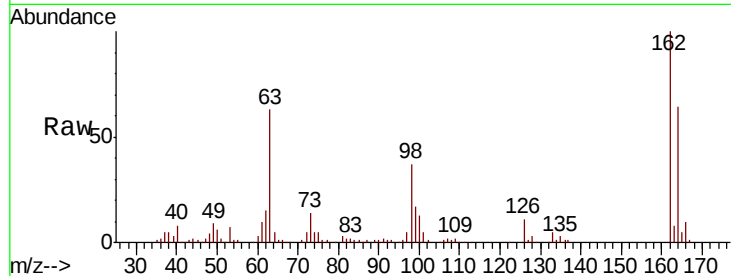




#29
 2,4-Dichlorophenol
 Concen: 53.270 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	47.6	87.6
98	37.2	19.2	59.2

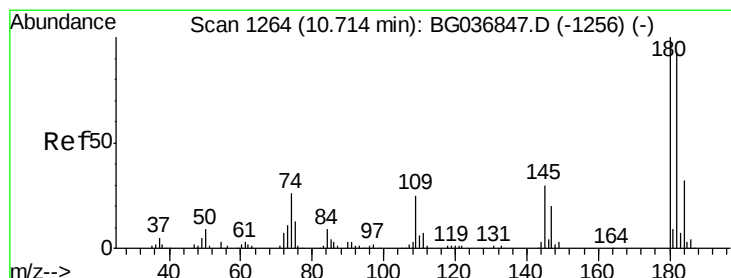
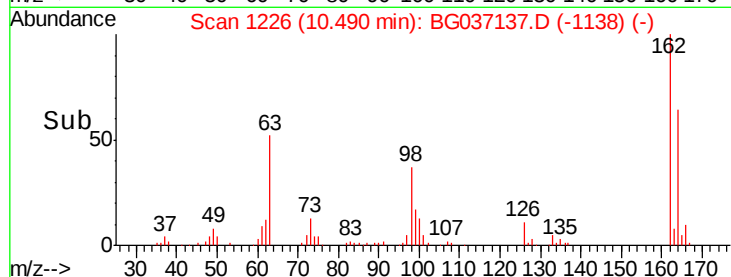
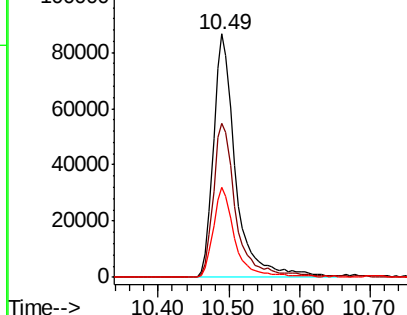


Abundance

Ion 162.00 (161.70 to 162.70): E

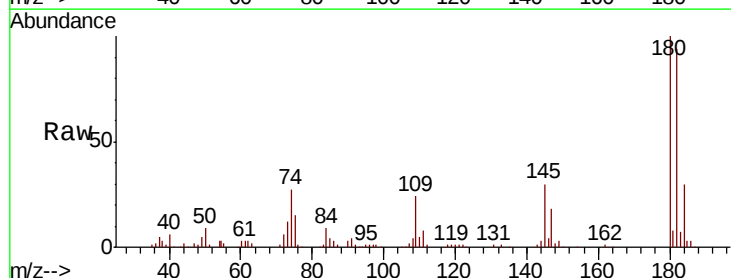
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 44.544 ng
 RT: 10.70 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.0	114.0
145	30.1	22.9	34.3

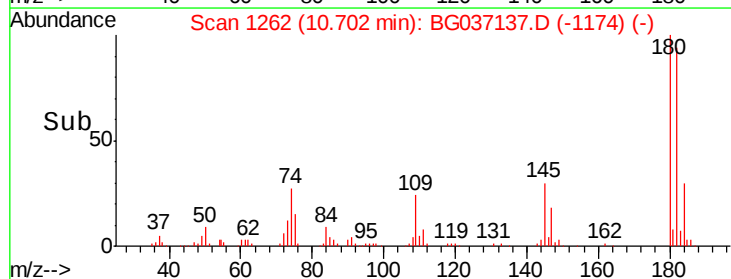
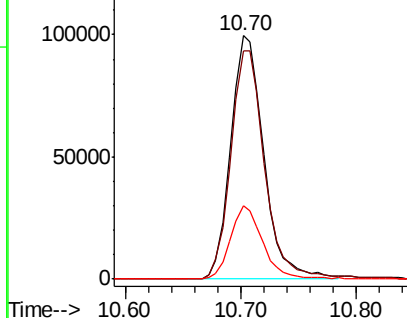


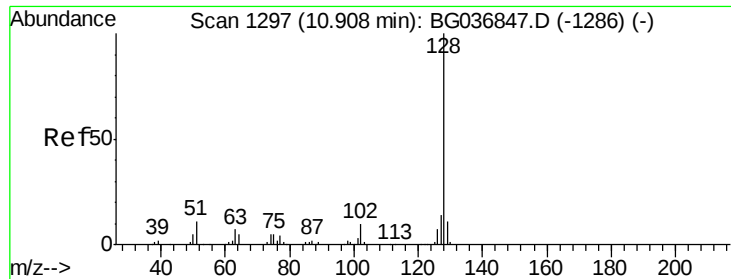
Abundance

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

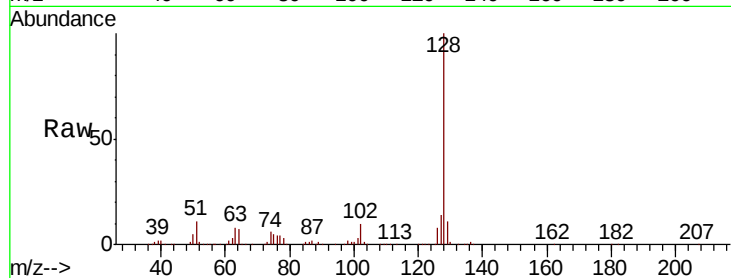




#31
Naphthalene
Concen: 49.021 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	14.2	11.0	16.4

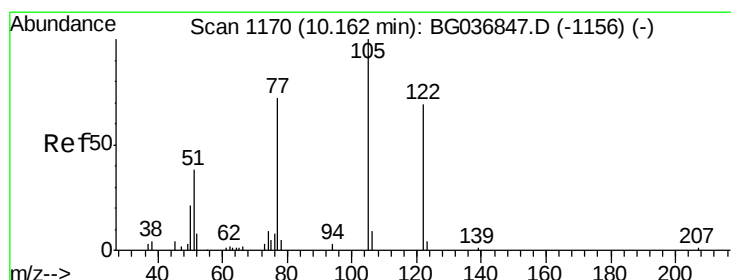
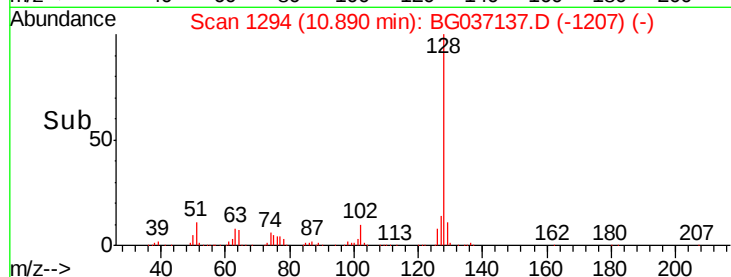
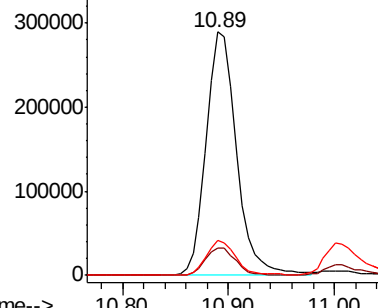


Abundance

Ion 128.00 (127.70 to 128.70): E

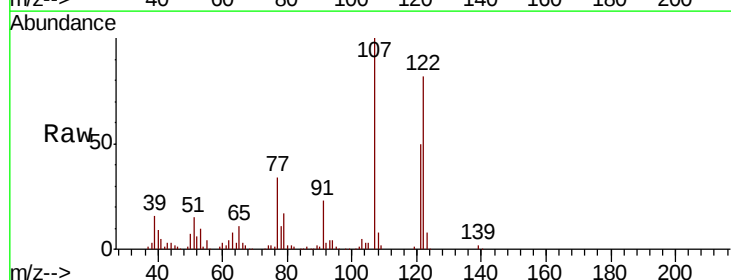
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 71.345 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.15 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.9	108.1	148.1#
77	40.9	76.3	116.3#

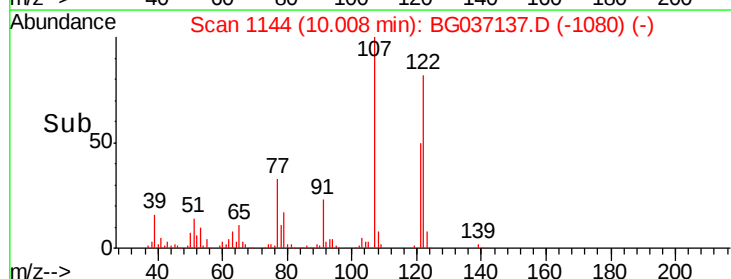
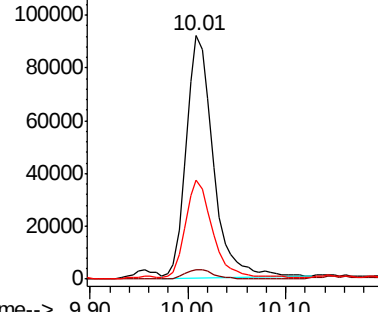


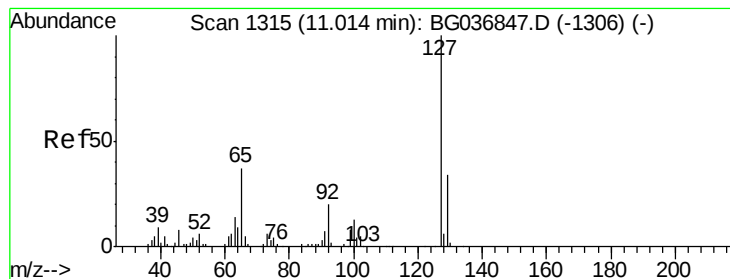
Abundance

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

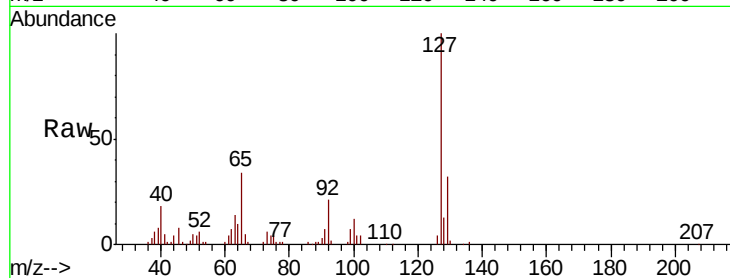




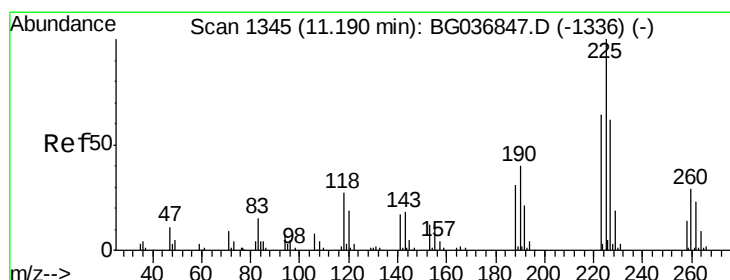
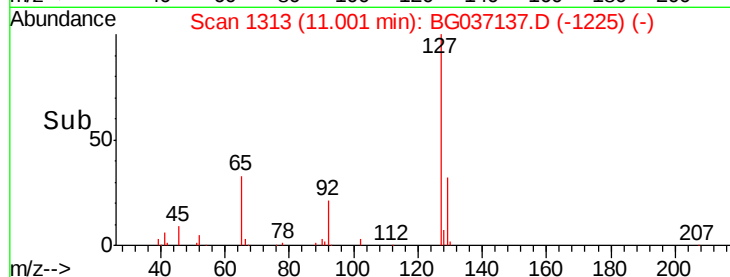
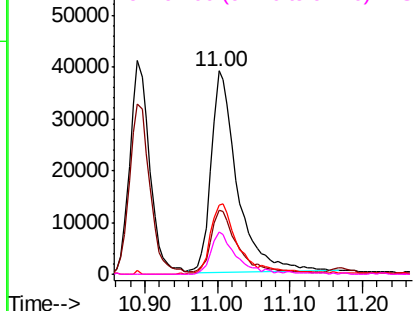
#33
4-Chloroaniline
Concen: 18.257 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	97911
Ion	Ratio	Lower Upper
127	100	
129	31.8	25.9 38.9
65	34.2	27.5 41.3
92	20.9	16.2 24.2

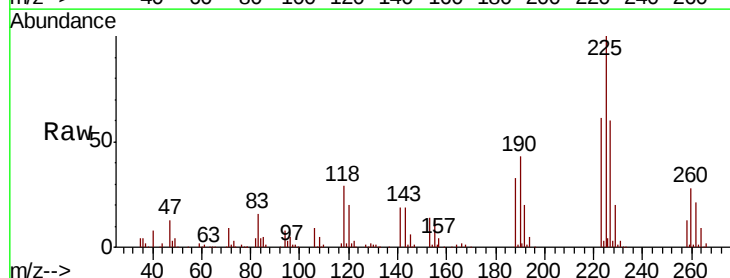


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

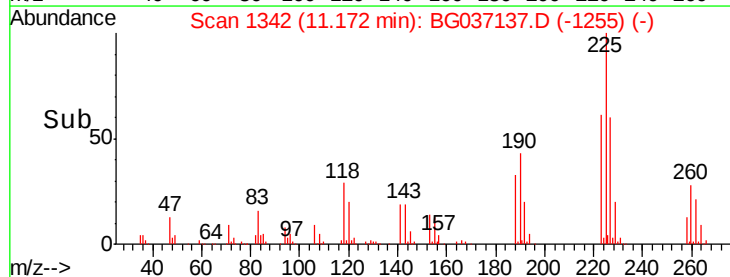
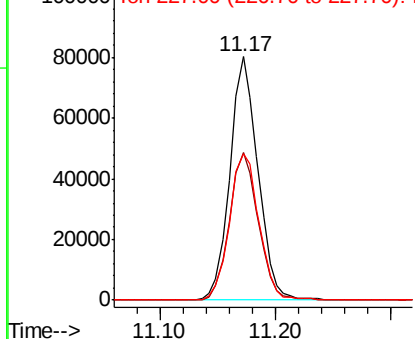


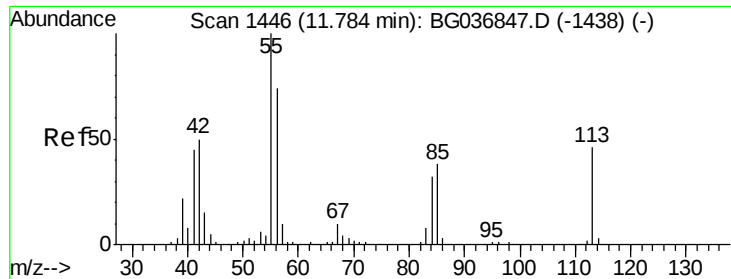
#34
Hexachlorobutadiene
Concen: 43.619 ng
RT: 11.17 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion:225	Resp:	134318
Ion	Ratio	Lower Upper
225	100	
223	60.6	51.8 77.8
227	60.1	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

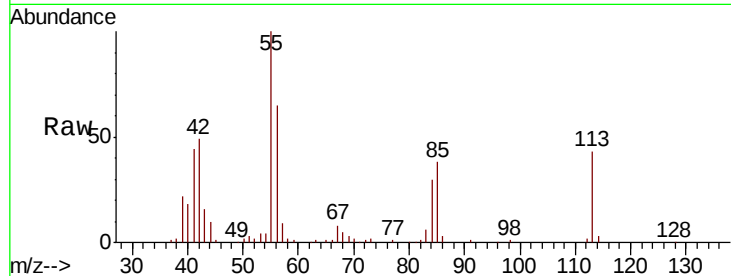




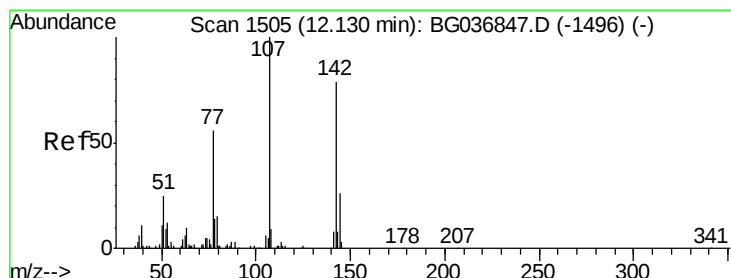
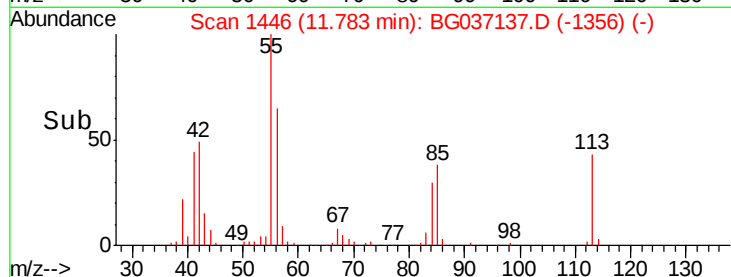
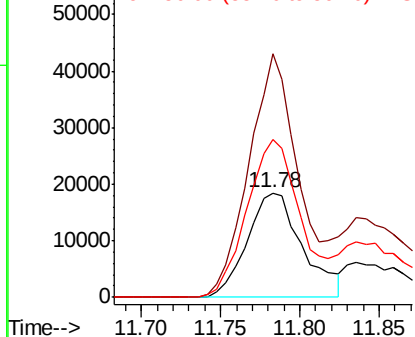
#35
Caprolactam
Concen: 30.457 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 44604
Ion Ratio Lower Upper
113 100
55 233.6 197.7 237.7
56 151.1 131.7 171.7

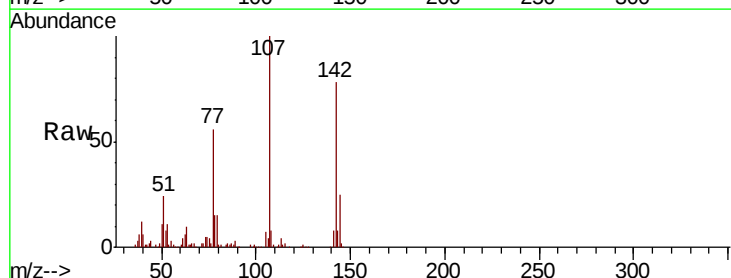


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGO
Ion 56.00 (55.70 to 56.70): BGO

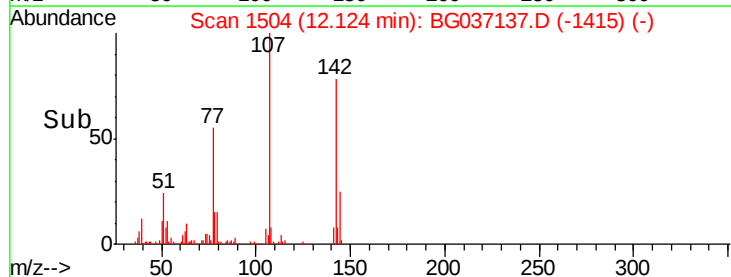
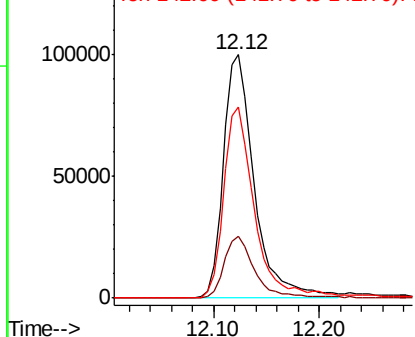


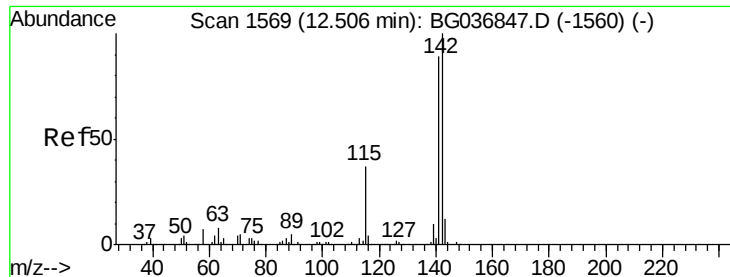
#36
4-Chloro-3-methylphenol
Concen: 47.812 ng
RT: 12.12 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion:107 Resp: 202988
Ion Ratio Lower Upper
107 100
144 25.4 19.5 29.3
142 78.3 62.4 93.6



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

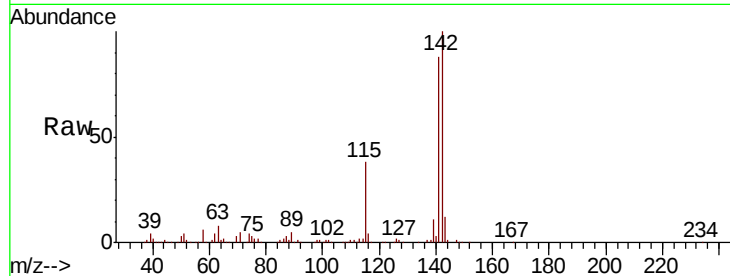




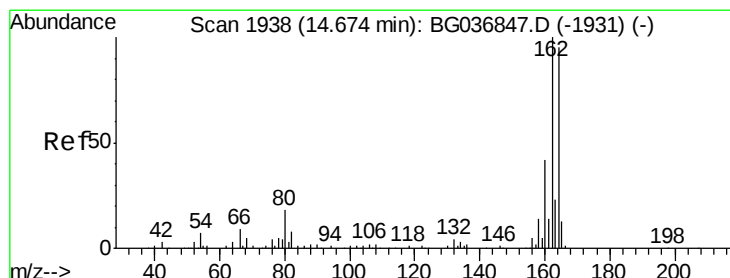
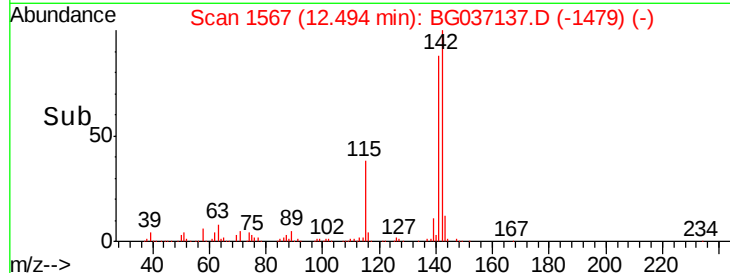
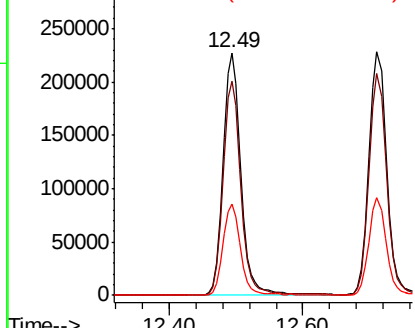
#37
2-Methylnaphthalene
Concen: 47.990 ng
RT: 12.49 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 431110
Ion Ratio Lower Upper
142 100
141 88.2 68.5 102.7
115 37.8 29.8 44.8

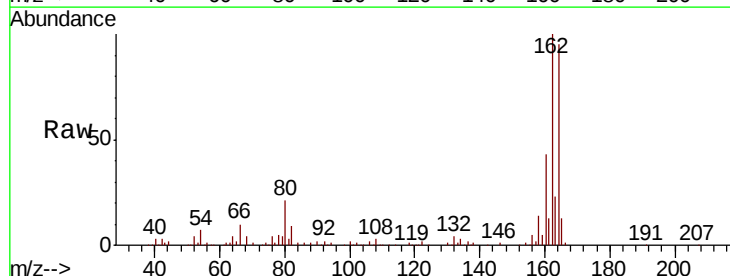


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

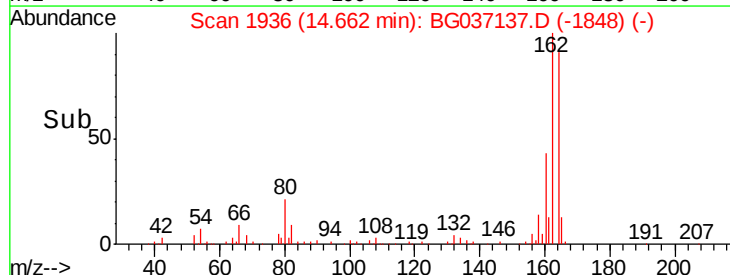
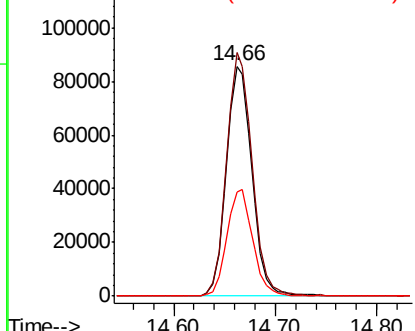


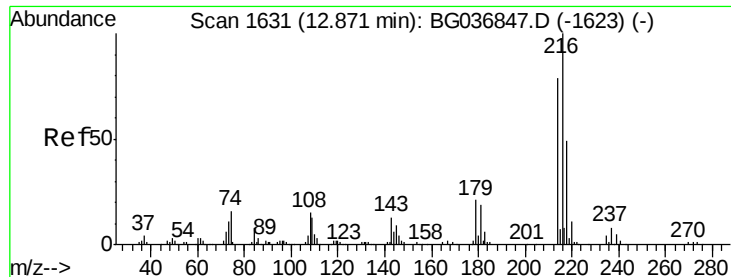
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion:164 Resp: 149856
Ion Ratio Lower Upper
164 100
162 105.8 80.7 121.1
160 45.5 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: 44.888 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 234614

Ion	Ratio	Lower	Upper
216	100		
214	78.6	61.0	91.6
179	19.9	15.7	23.5
108	19.4	13.1	19.7

216 100

214 78.6 61.0 91.6

179 19.9 15.7 23.5

108 19.4 13.1 19.7

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

200000

150000

100000

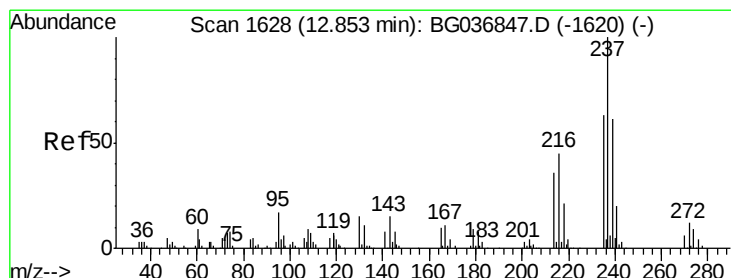
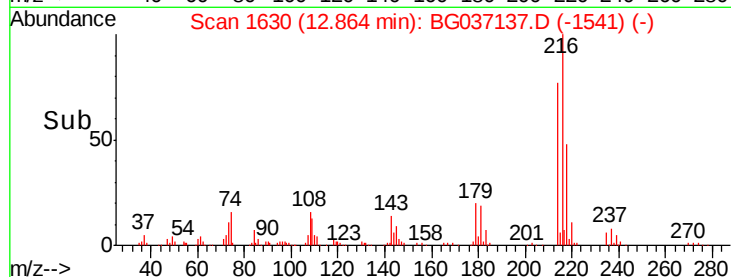
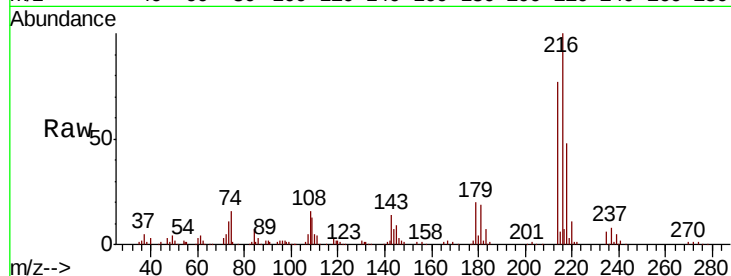
50000

0

12.86

12.80 12.90 13.00

Time-->



#40

Hexachlorocyclopentadiene

Concen: 104.119 ng

RT: 12.83 min Scan# 1625

Delta R.T. -0.02 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Tgt Ion:237 Resp: 279884

Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.2	82.2
272	12.0	0.0	32.1

237 100

235 62.9 42.2 82.2

272 12.0 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

200000

150000

100000

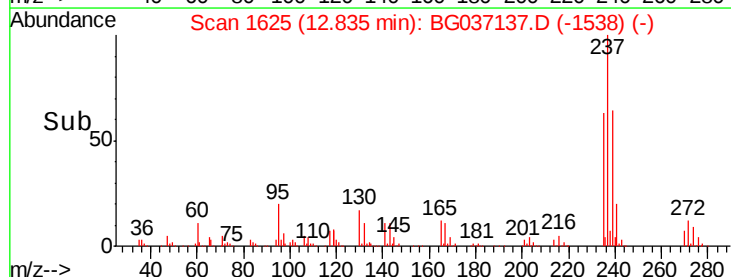
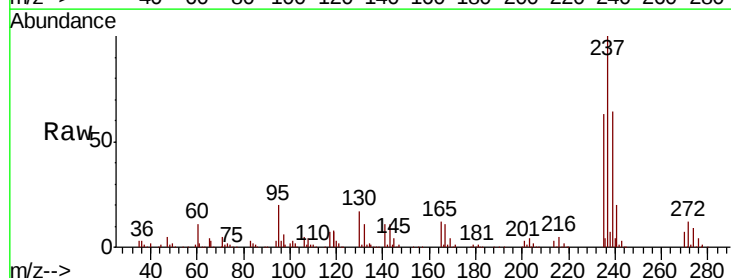
50000

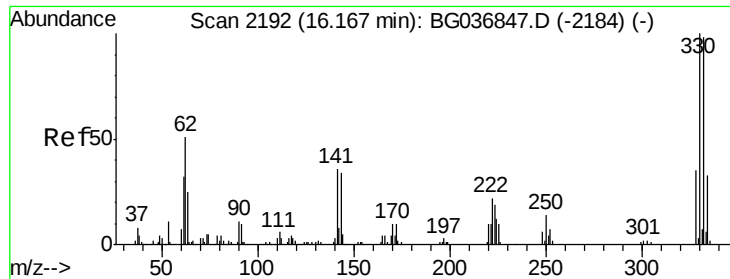
0

12.83

12.80 12.90

Time-->

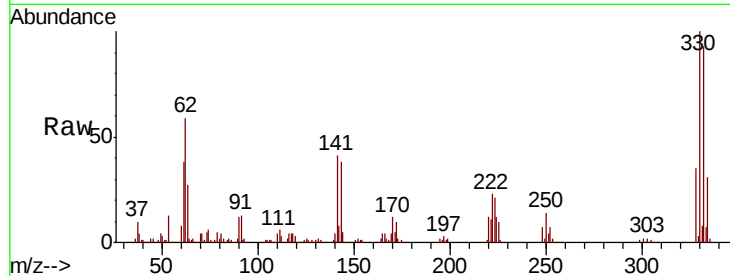




#41
 2,4,6-Tribromophenol
 Concen: 129.839 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.4	113.2
141	40.2	30.7	46.1

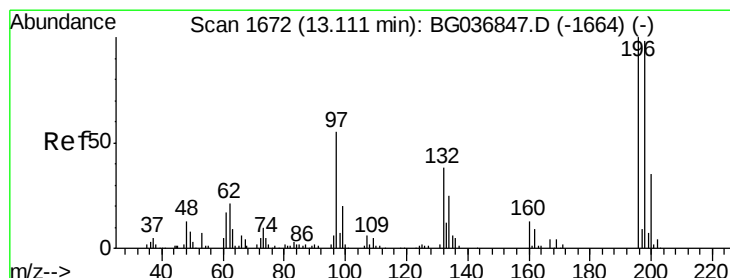
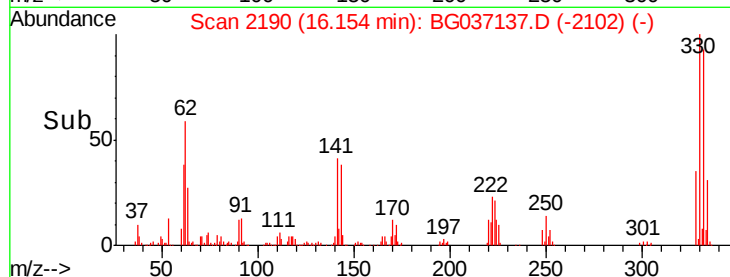
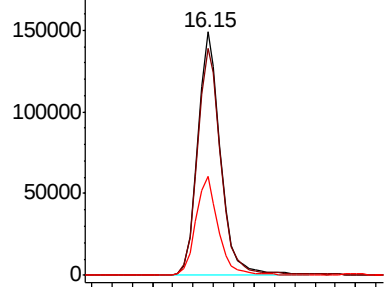


Abundance

Ion 329.80 (329.50 to 330.50): E

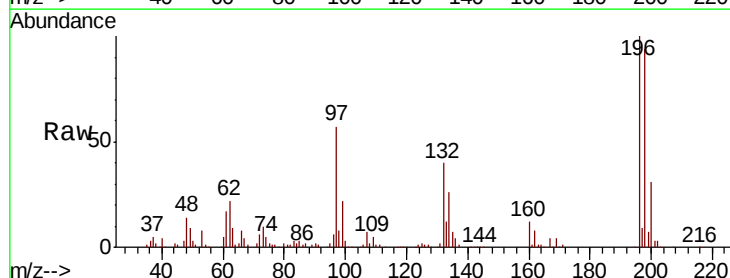
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 51.084 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	77.2	115.8
200	31.4	26.3	39.5

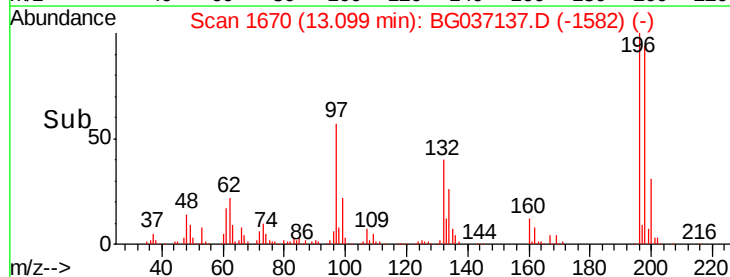
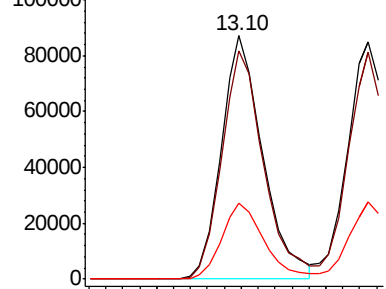


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

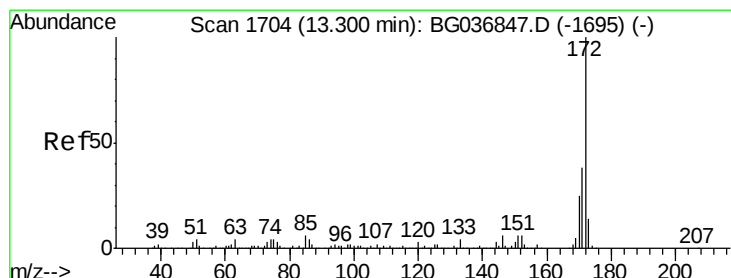
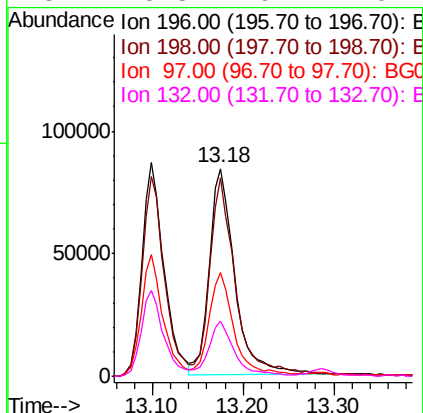
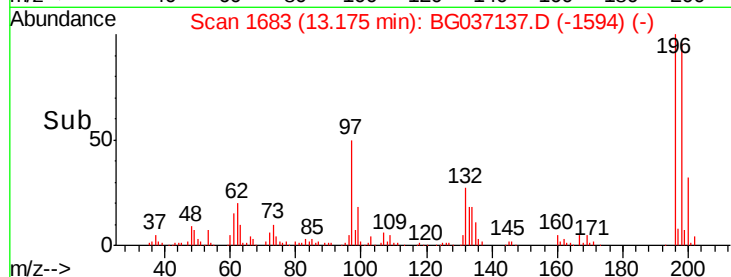
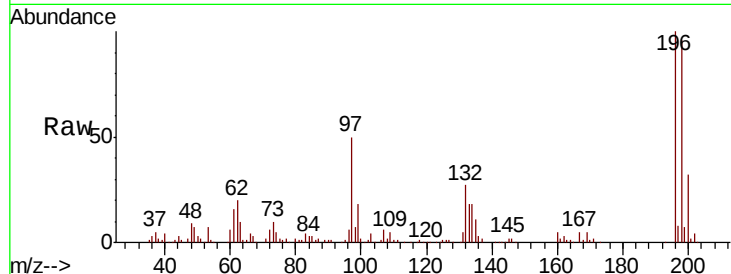




#43
2,4,5-Trichlorophenol
Concen: 53.541 ng
RT: 13.18 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

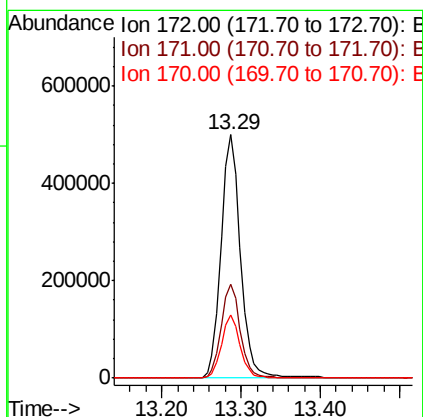
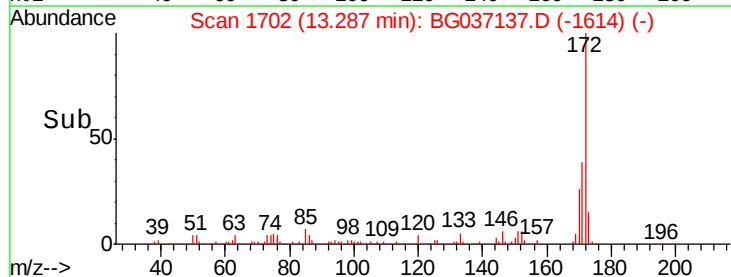
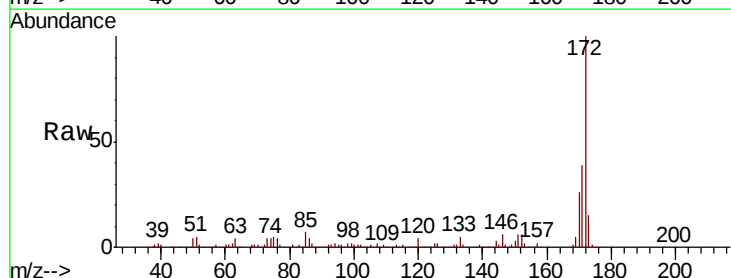
Instrument :
BNA_F
ClientSampleId :

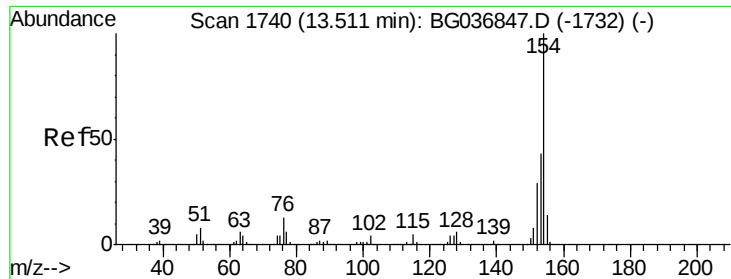
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.6	113.4
97	49.9	37.2	55.8
132	26.8	19.4	29.2



#44
2-Fluorobiphenyl
Concen: 84.636 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.3	46.9
170	25.8	21.0	31.6

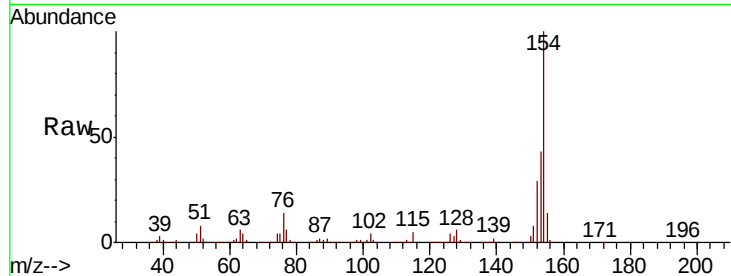




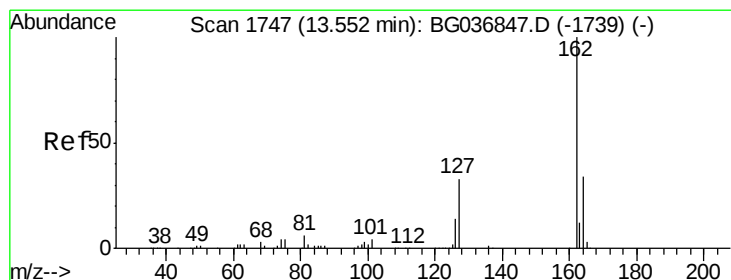
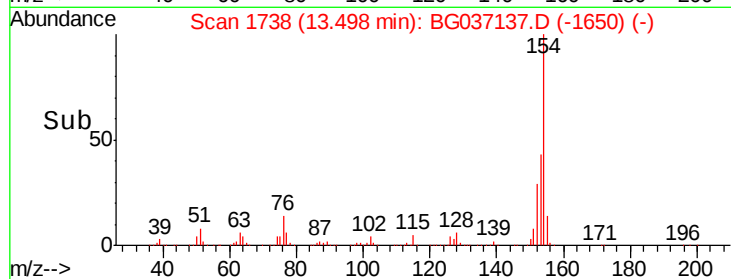
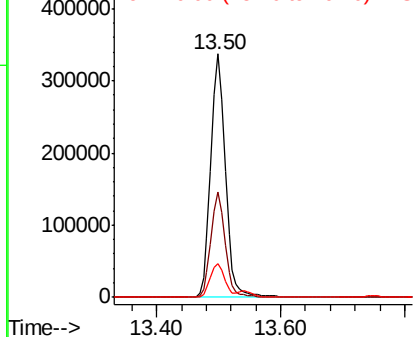
#45
 1,1'-Biphenyl
 Concen: 48.006 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 550958
 Ion Ratio Lower Upper
 154 100
 153 43.1 24.0 64.0
 76 13.8 0.0 32.9

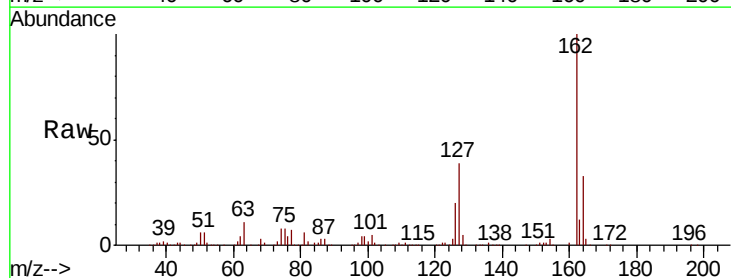


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

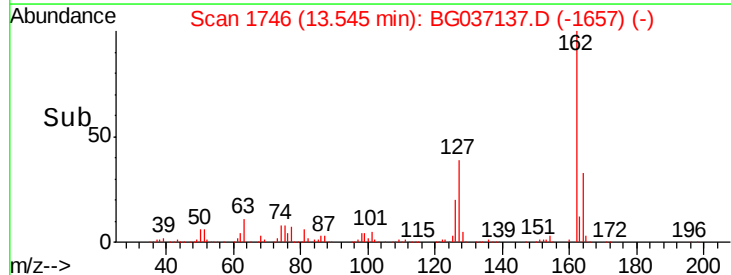
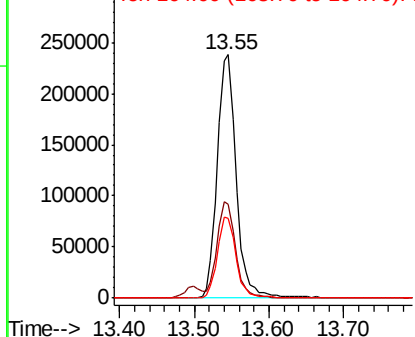


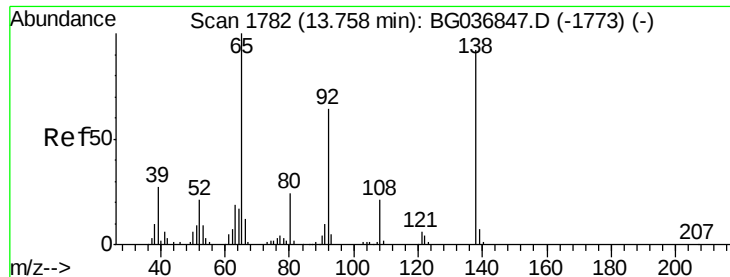
#46
 2-Chloronaphthalene
 Concen: 46.624 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Tgt Ion:162 Resp: 420809
 Ion Ratio Lower Upper
 162 100
 127 38.5 30.7 46.1
 164 33.0 26.7 40.1



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

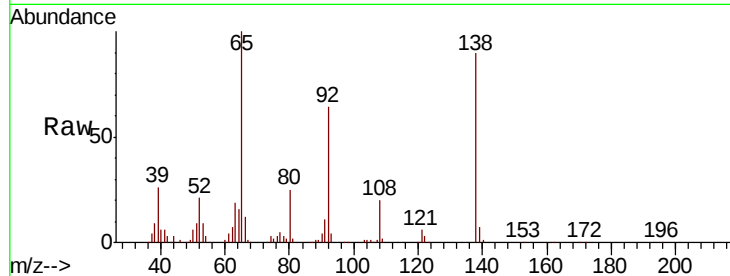




#47
2-Nitroaniline
Concen: 50.722 ng
RT: 13.75 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.9	49.9	74.9
138	89.6	76.2	114.4

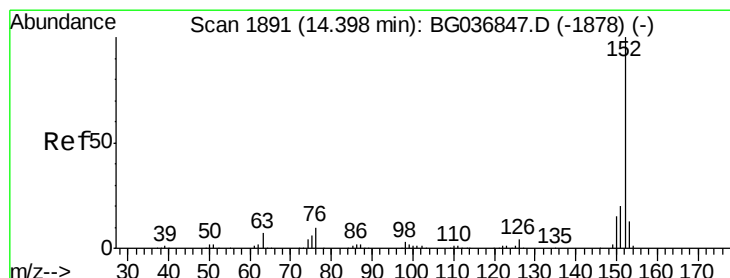
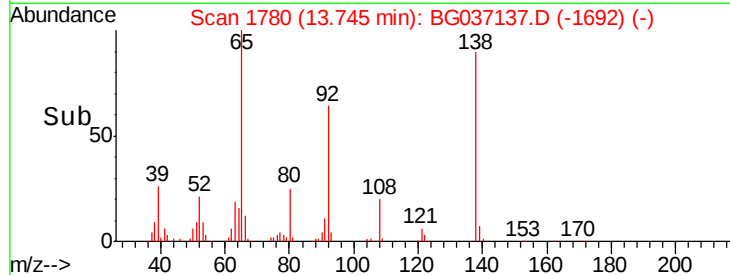
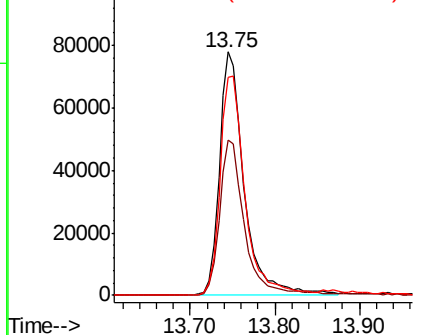


Abundance

Ion 65.00 (64.70 to 65.70): BGC

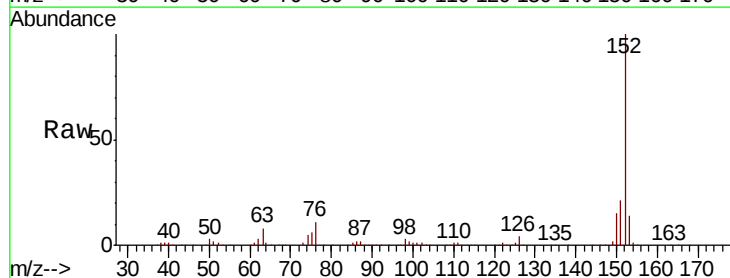
Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#48
Acenaphthylene
Concen: 49.823 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.9	25.3
153	14.1	11.2	16.8

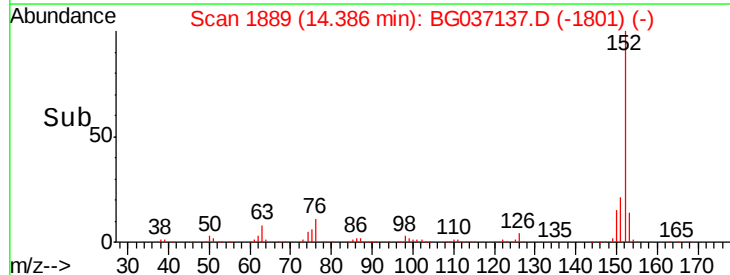
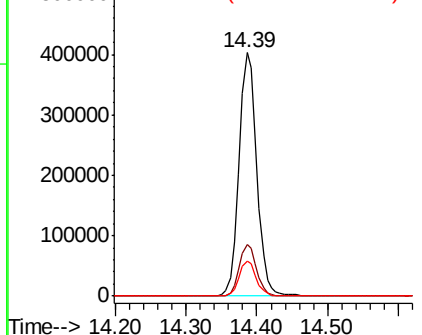


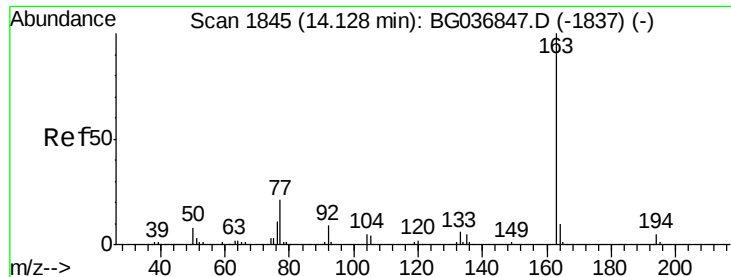
Abundance

Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 74.700 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_F

ClientSampleId :

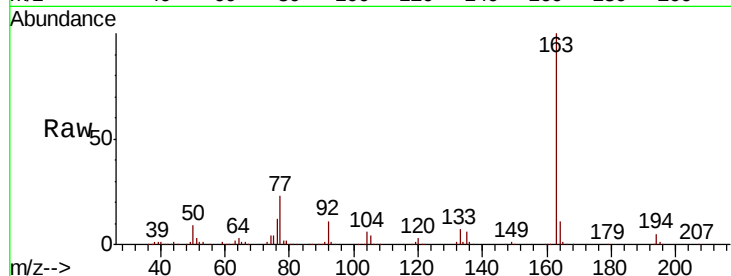
Tot Ion:163 Resp: 901065

Ion Ratio Lower Upper

163 100

194 4.8 4.0 6.0

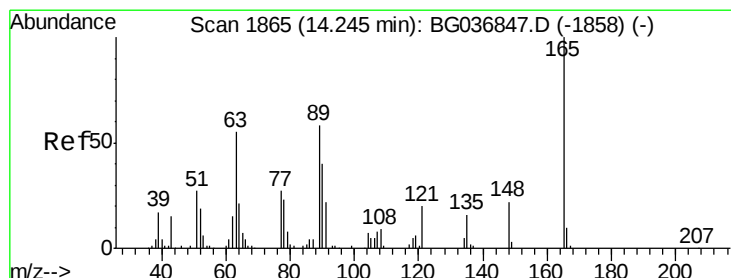
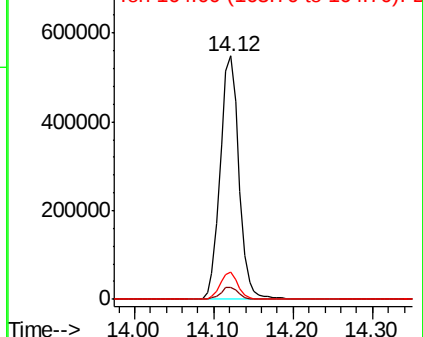
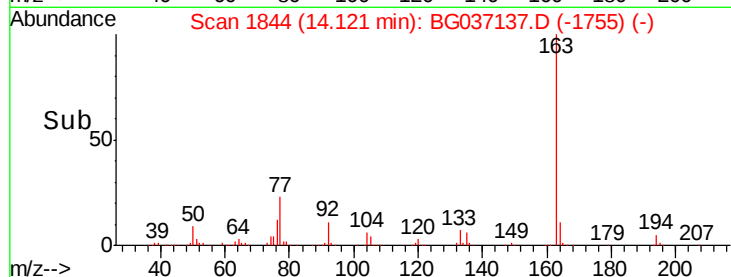
164 11.1 8.1 12.1



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: 46.974 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

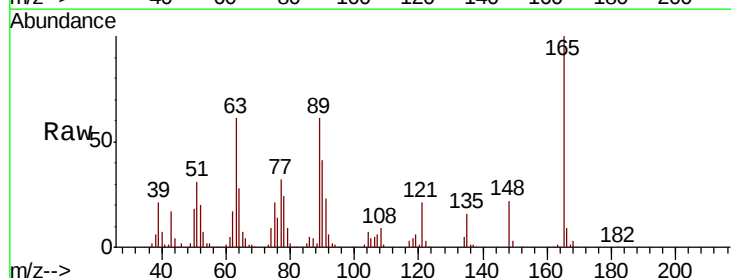
Tgt Ion:165 Resp: 123626

Ion Ratio Lower Upper

165 100

63 61.5 50.1 75.1

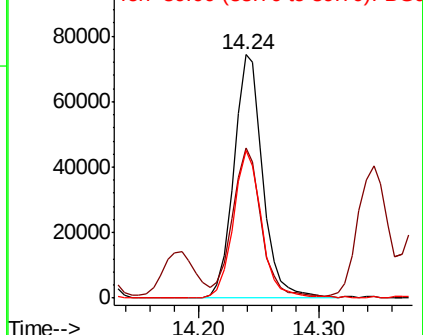
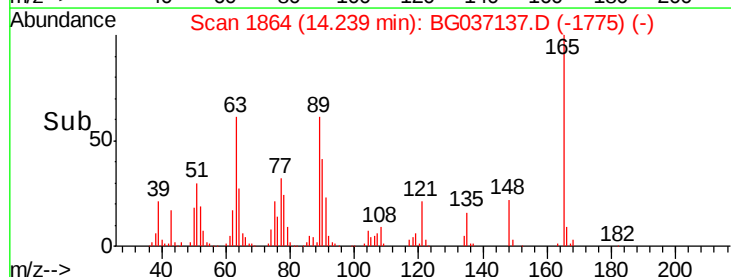
89 60.8 47.8 71.6

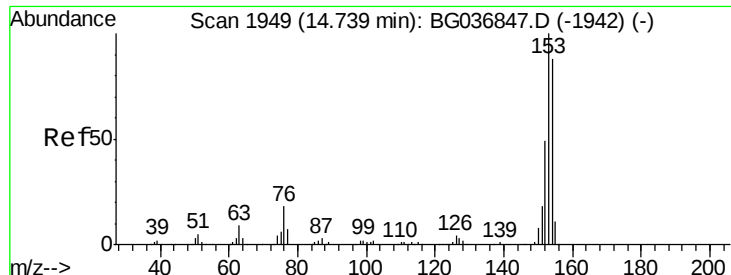


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 46.760 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_F

ClientSampleId :

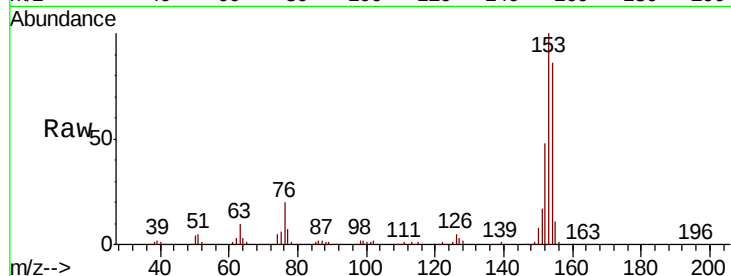
Tot Ion:154 Resp: 399698

Ion Ratio Lower Upper

154 100

153 115.7 91.8 137.6

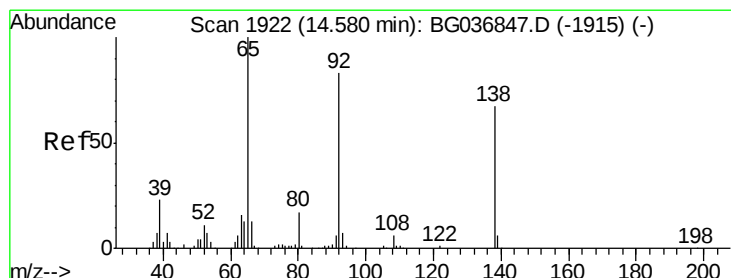
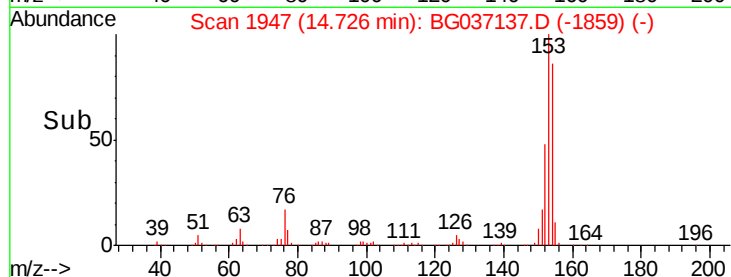
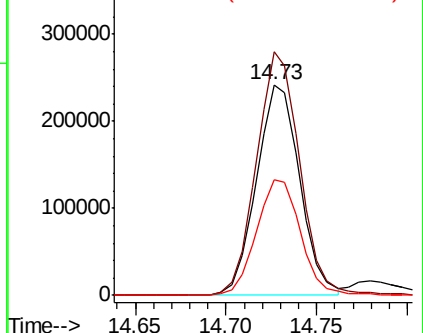
152 55.1 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.415 ng

RT: 14.57 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

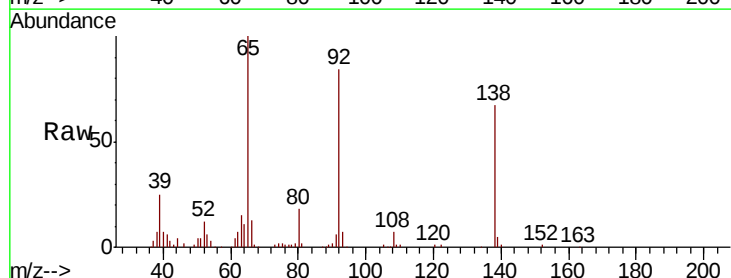
Tgt Ion:138 Resp: 78802

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.2

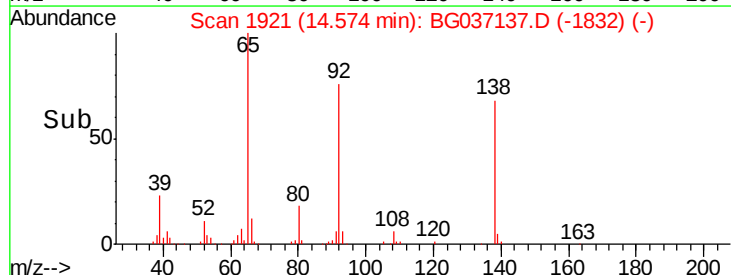
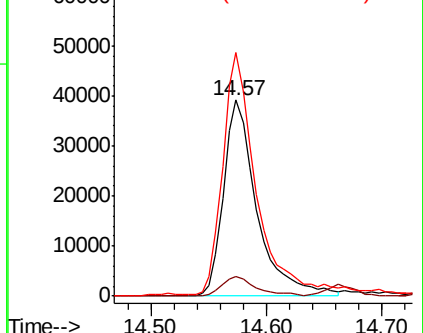
92 124.1 96.8 145.2

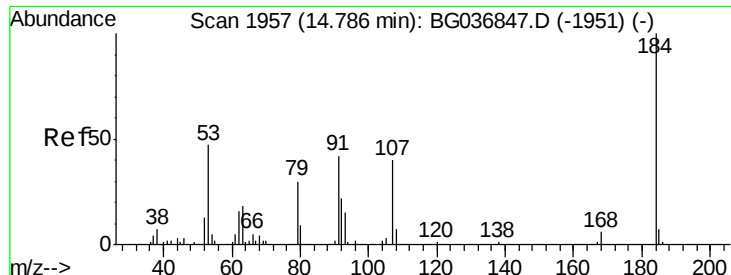


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

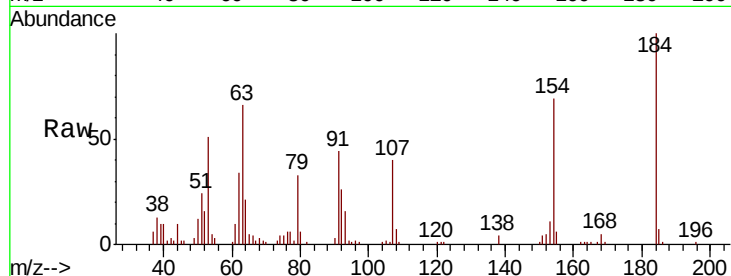




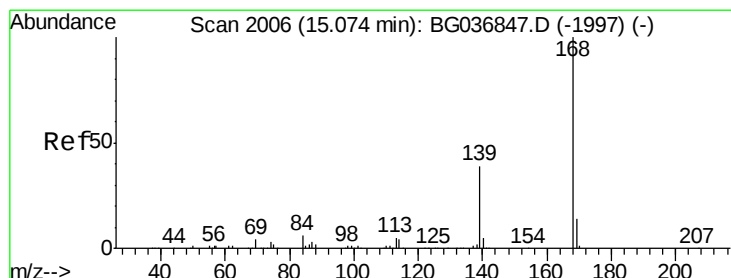
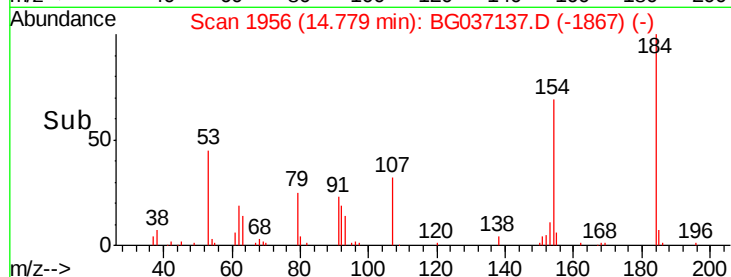
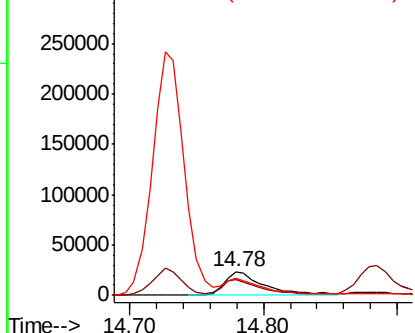
#53
2,4-Dinitrophenol
Concen: 43.760 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 49247
Ion Ratio Lower Upper
184 100
63 66.1 47.3 70.9
154 69.4 51.1 76.7

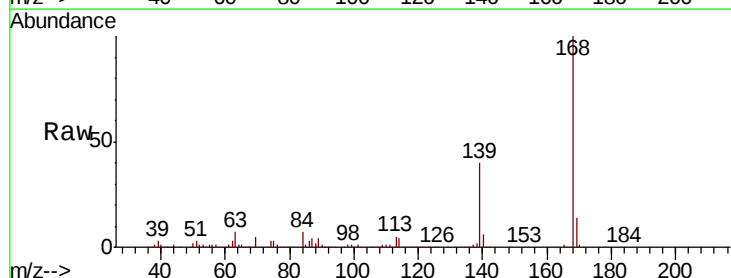


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

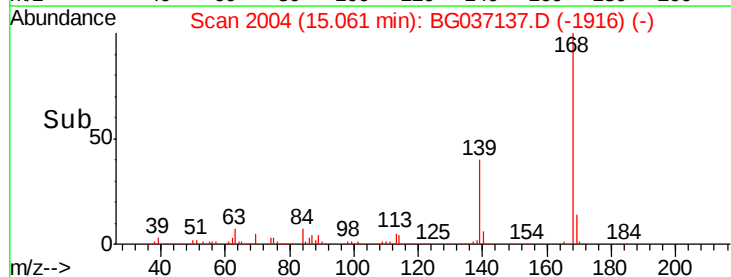
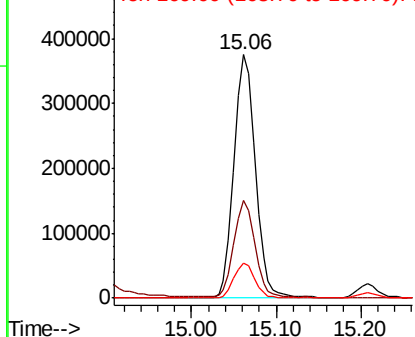


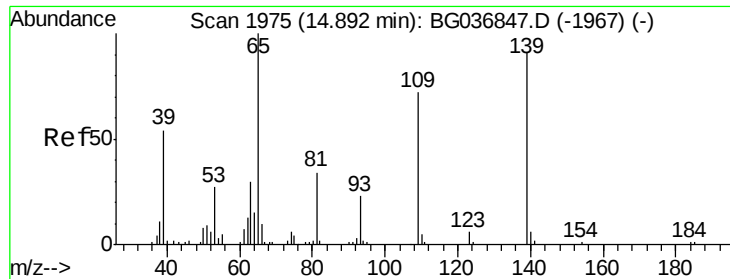
#54
Dibenzofuran
Concen: 45.329 ng
RT: 15.06 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion:168 Resp: 655384
Ion Ratio Lower Upper
168 100
139 40.2 31.0 46.6
169 14.5 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

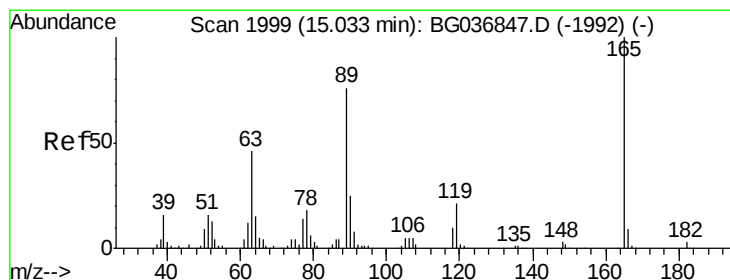
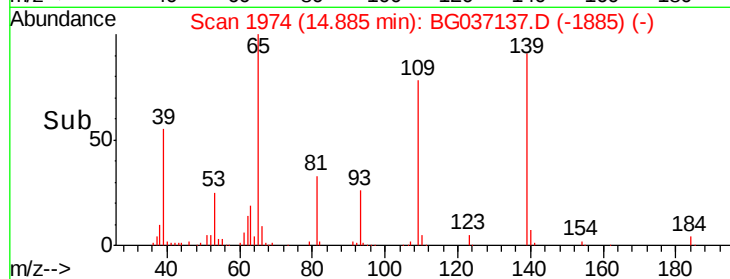
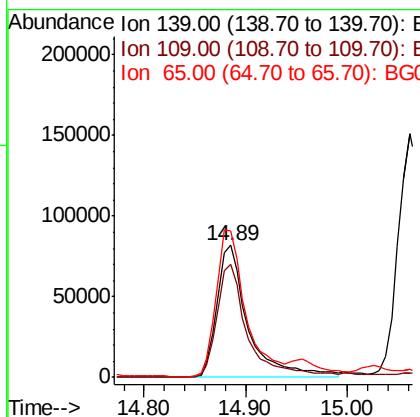
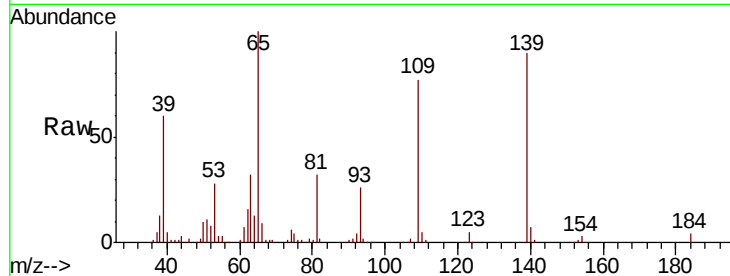




#55
4-Nitrophenol
Concen: 99.452 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

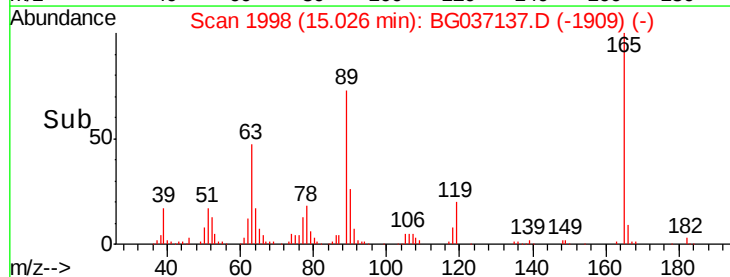
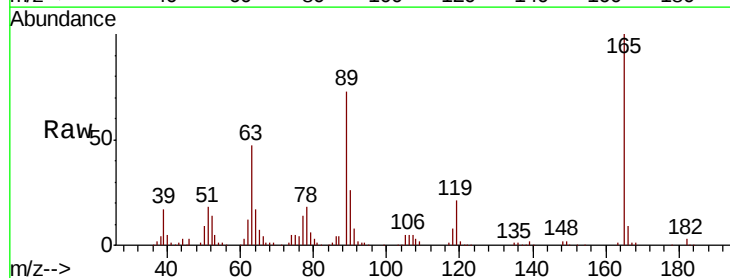
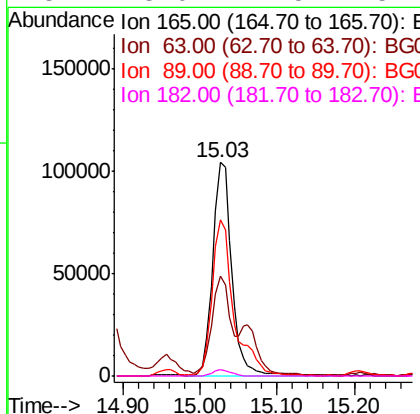
Instrument :
BNA_F
ClientSampleId :

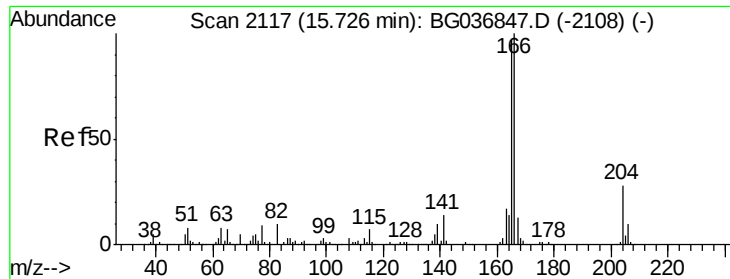
Tot Ion	Ratio	Lower	Upper
139	100		
109	85.7	63.9	103.9
65	111.1	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 48.383 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.0	40.1	60.1
89	73.0	63.7	95.5
182	3.0	2.5	3.7





#57

Fluorene

Concen: 48.448 ng

RT: 15.71 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_F

ClientSampleId :

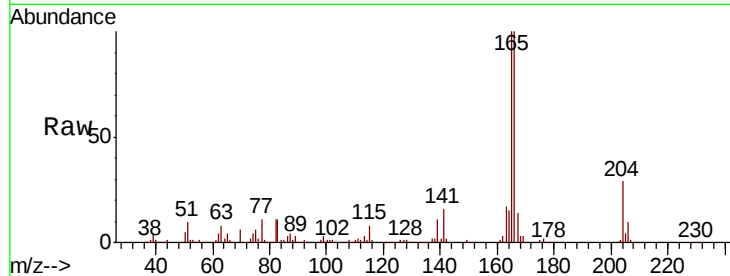
Tot Ion:166 Resp: 523555

Ion Ratio Lower Upper

166 100

165 99.6 77.0 115.4

167 13.7 10.6 16.0

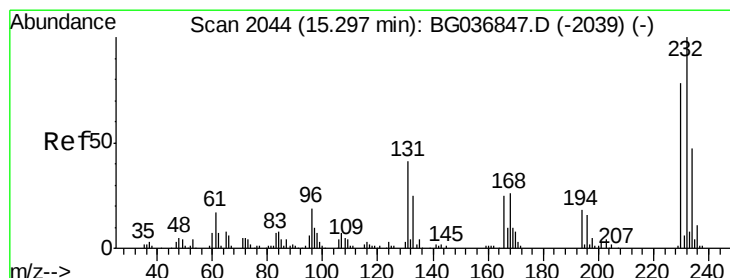
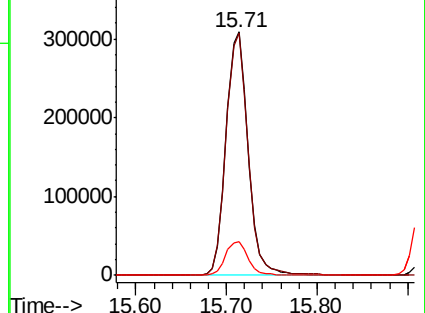
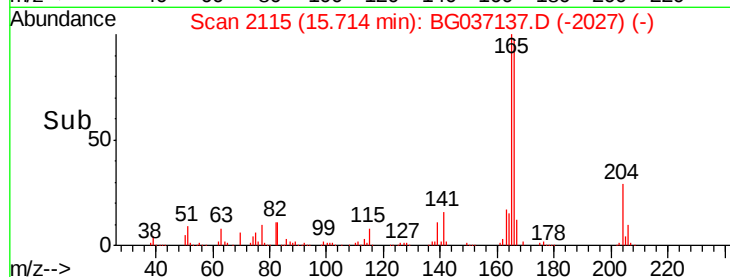


Abundance

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: 49.284 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Tgt Ion:232 Resp: 154730

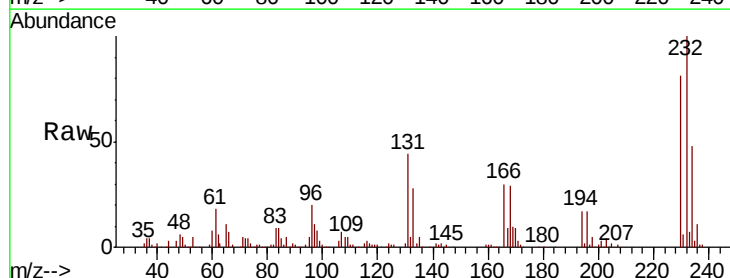
Ion Ratio Lower Upper

232 100

131 44.7 33.8 50.8

130 2.5 2.1 3.1

166 28.7 22.3 33.5



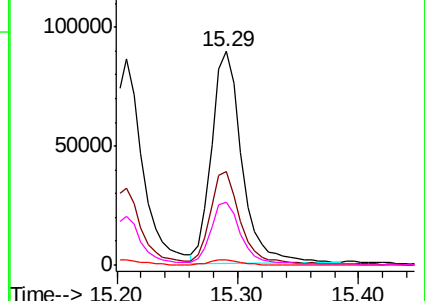
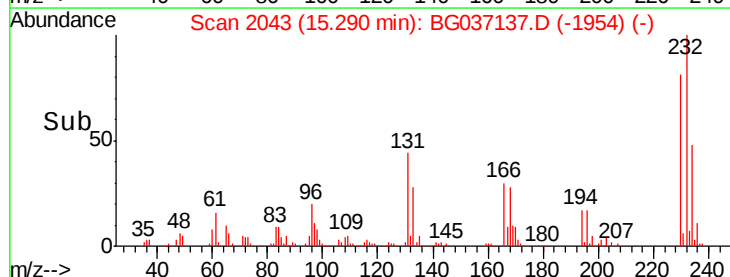
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

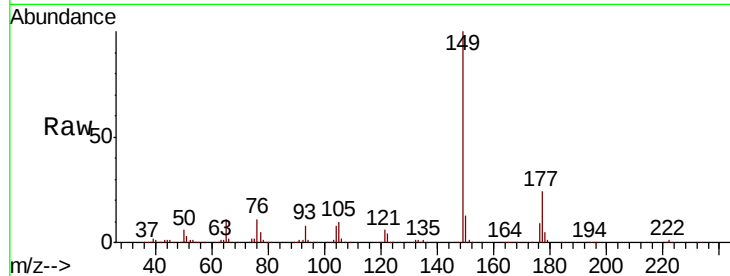




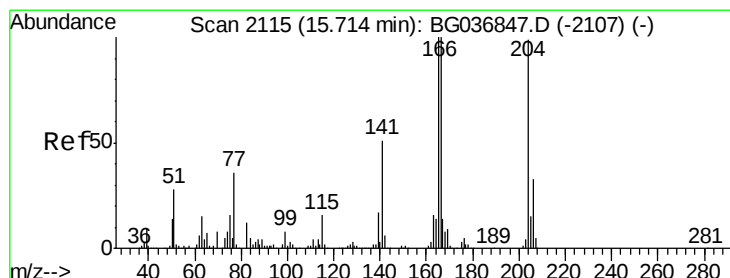
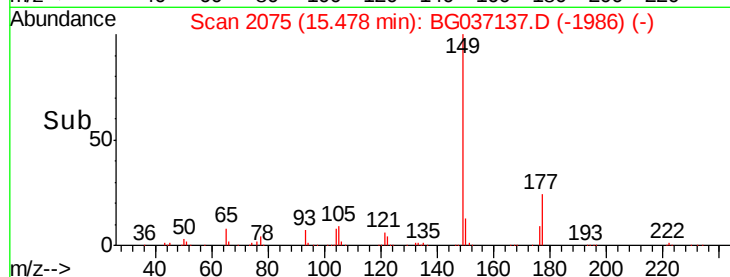
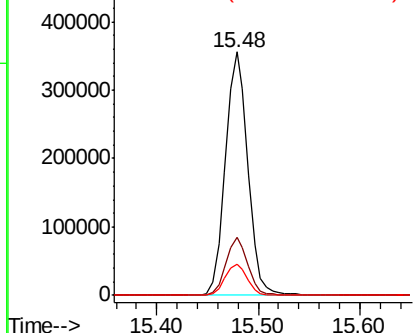
#59
Diethylphthalate
Concen: 44.834 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 545453
Ion Ratio Lower Upper
149 100
177 23.9 19.1 28.7
150 13.0 10.7 16.1

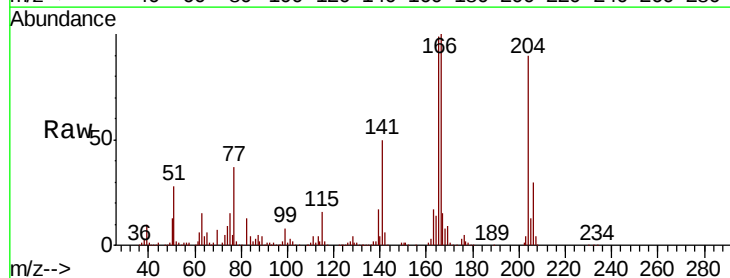


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

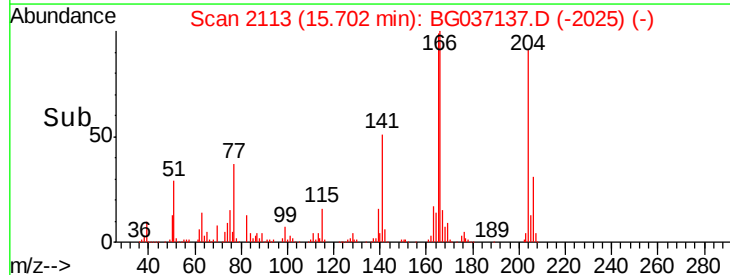
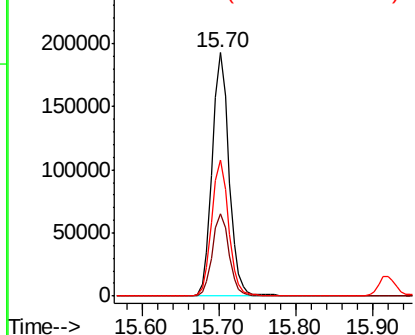


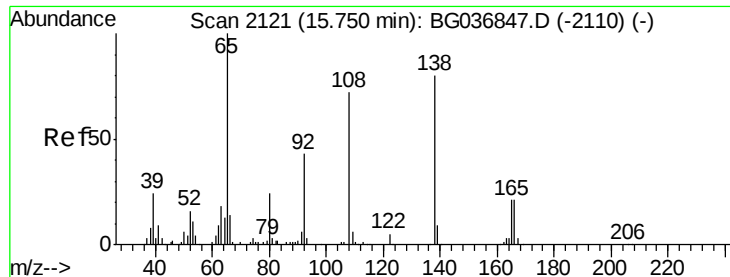
#60
4-Chlorophenyl-phenylether
Concen: 42.392 ng
RT: 15.70 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion:204 Resp: 290119
Ion Ratio Lower Upper
204 100
206 33.7 27.0 40.4
141 55.7 43.8 65.6



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





#61

4-Nitroaniline

Concen: 45.895 ng

RT: 15.74 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_F

ClientSampleId :

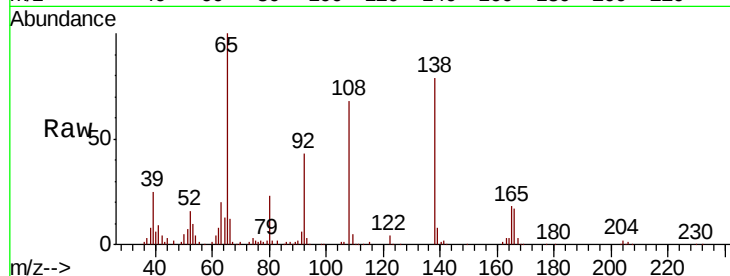
Tot Ion:138 Resp: 133881

Ion Ratio Lower Upper

138 100

92 54.3 38.5 78.5

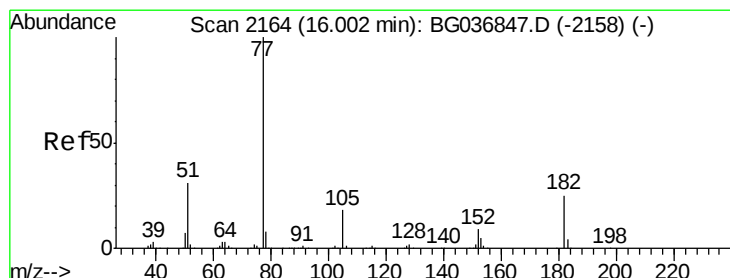
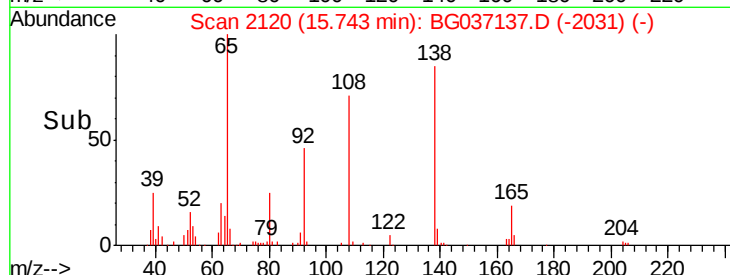
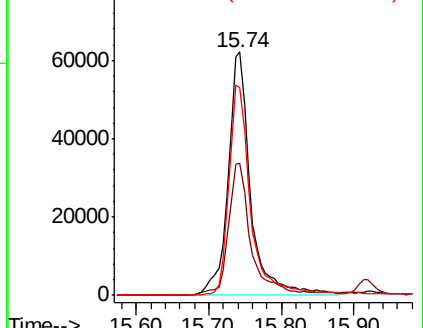
108 85.5 70.3 110.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.398 ng

RT: 16.00 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Tgt Ion: 77 Resp: 565765

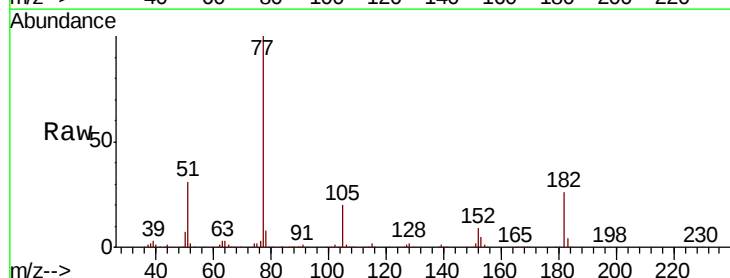
Ion Ratio Lower Upper

77 100

182 26.3 6.7 46.7

105 20.1 0.0 39.8

51 31.5 12.4 52.4

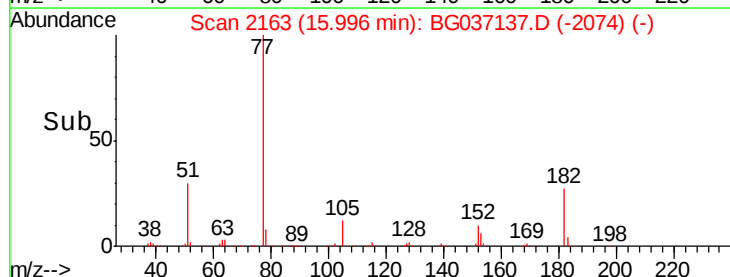
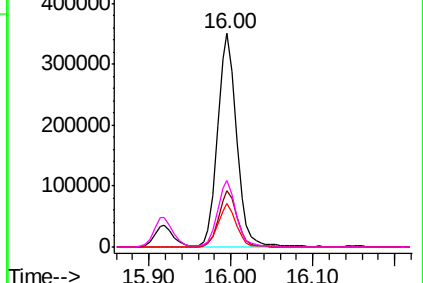


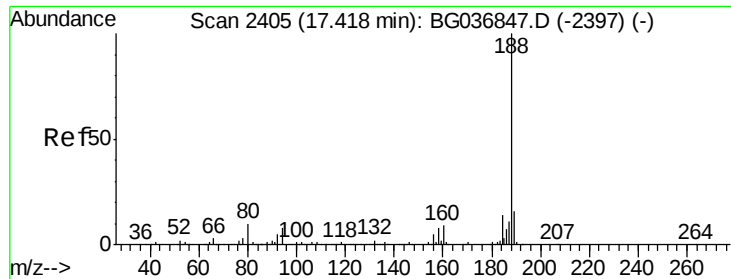
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_F

ClientSampleId :

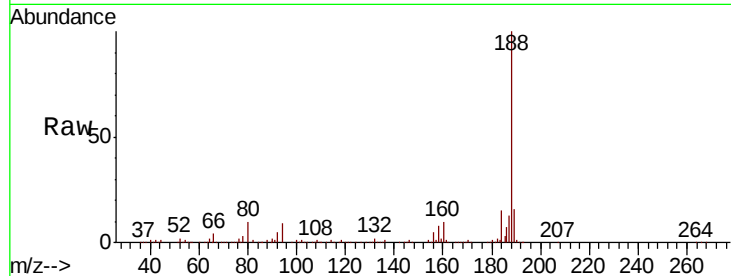
Tot Ion:188 Resp: 356281

Ion Ratio Lower Upper

188 100

94 8.8 6.7 10.1

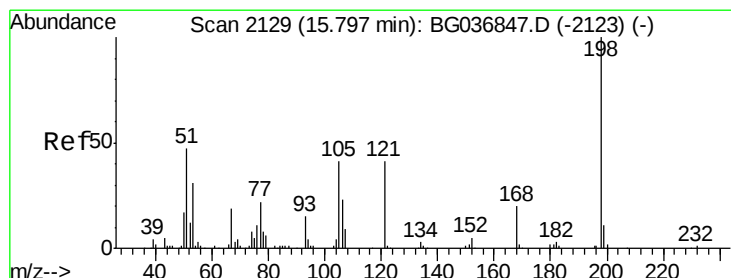
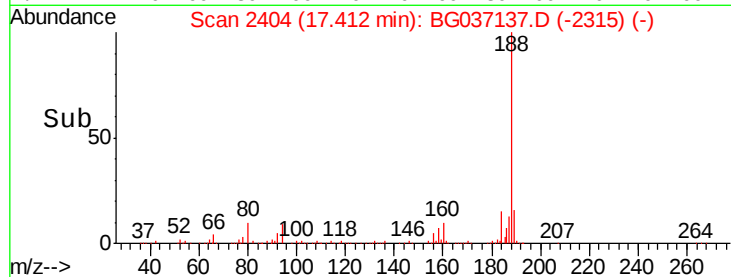
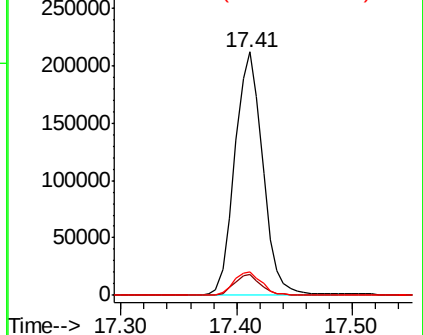
80 9.5 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 49.226 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

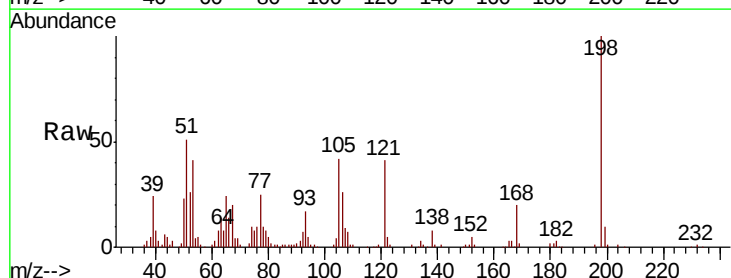
Tgt Ion:198 Resp: 91692

Ion Ratio Lower Upper

198 100

51 51.3 26.5 66.5

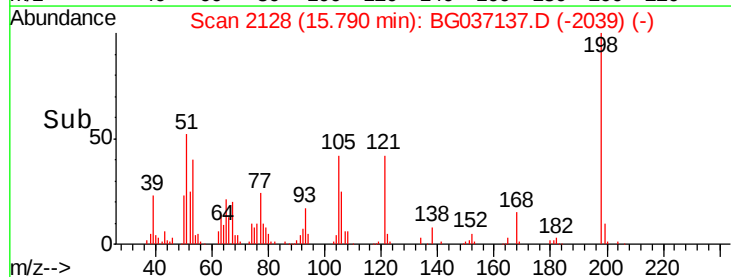
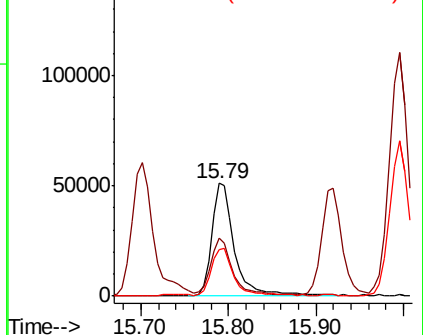
105 41.5 20.2 60.2

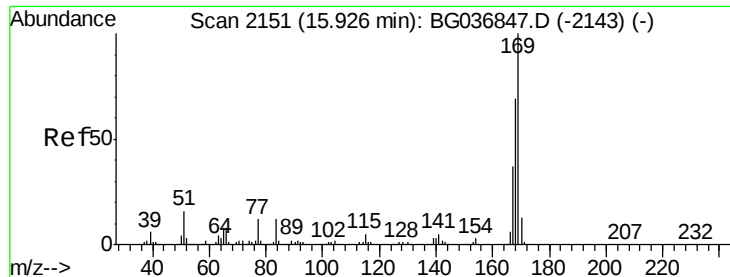


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

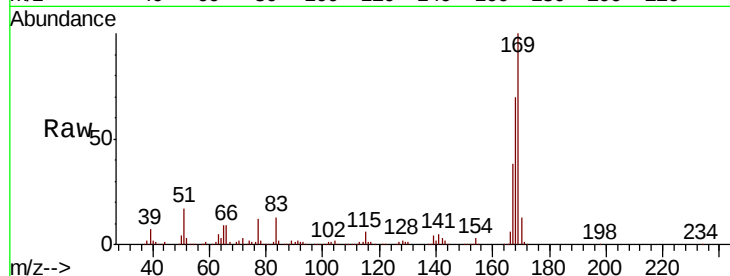




#65
 n-Nitrosodiphenylamine
 Concen: 48.057 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.4	57.6	86.4
167	37.8	31.0	46.4

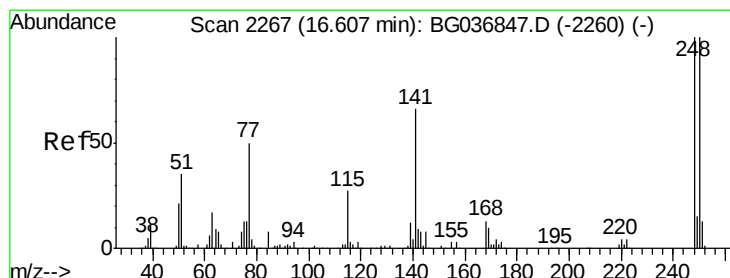
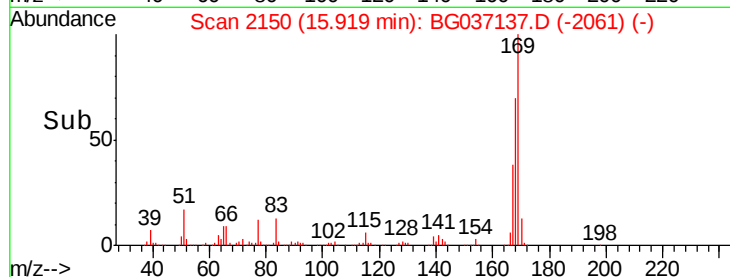
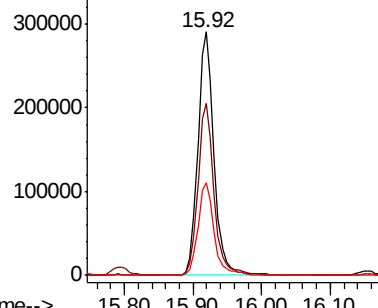


Abundance

Ion 169.00 (168.70 to 169.70): E

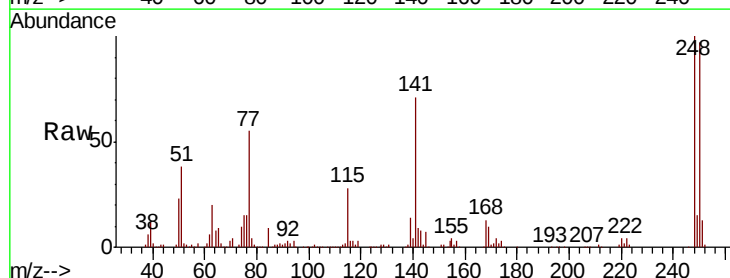
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 44.999 ng
 RT: 16.59 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.1	117.1
141	71.1	53.7	80.5

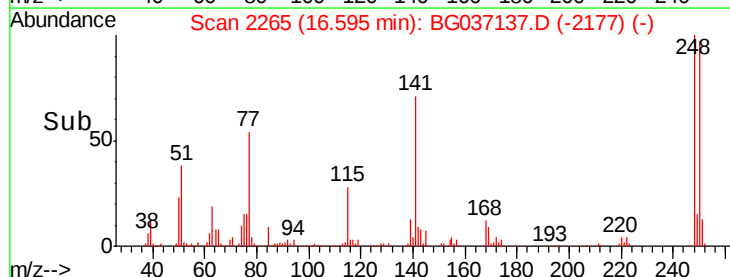
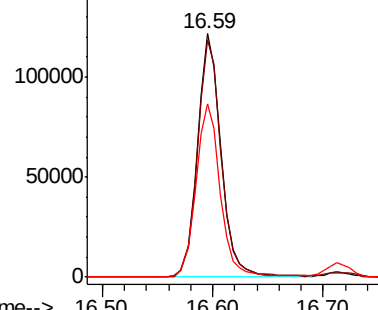


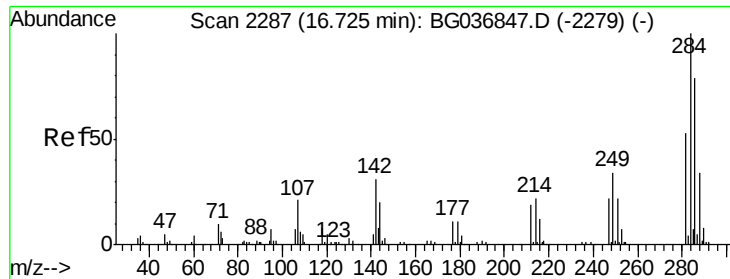
Abundance

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

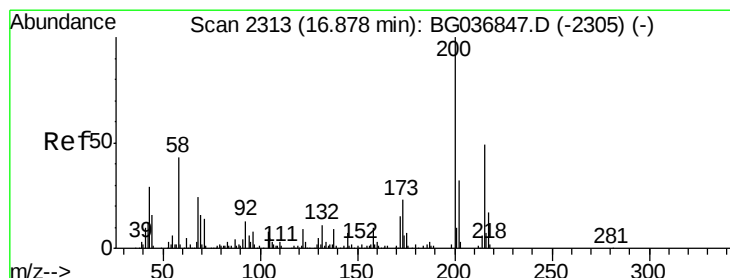
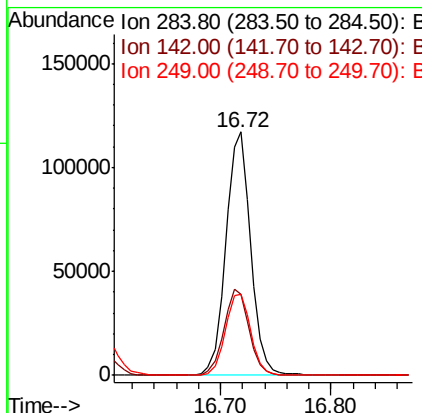
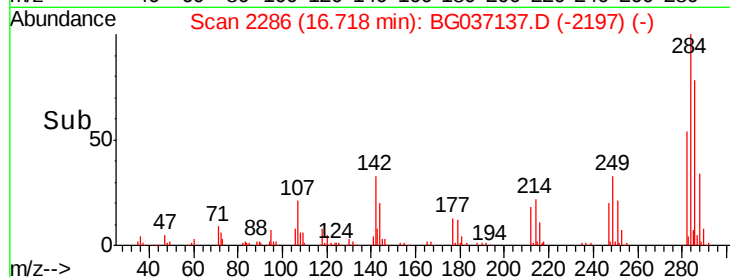
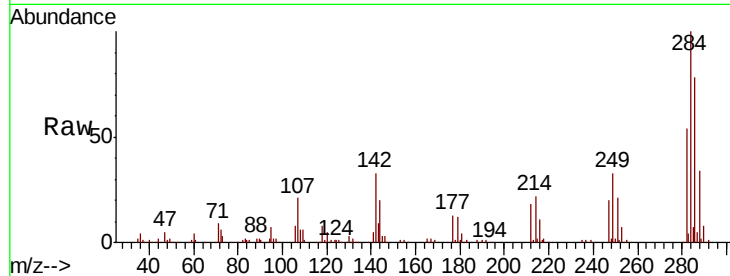




#67
Hexachlorobenzene
Concen: 44.048 ng
RT: 16.72 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

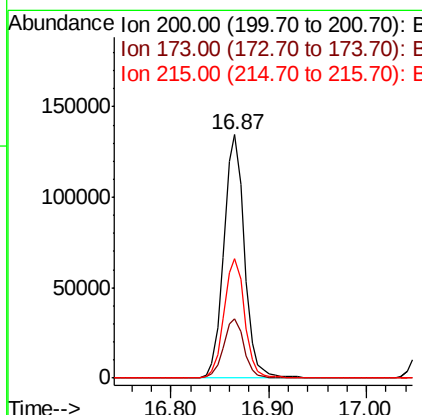
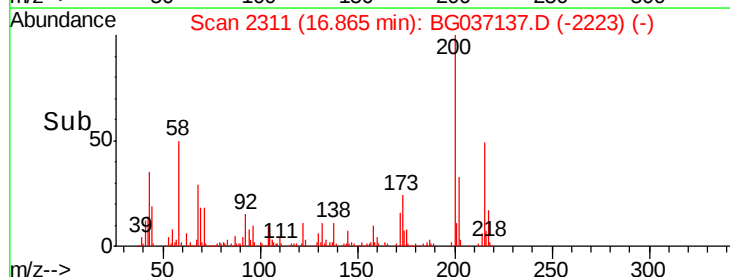
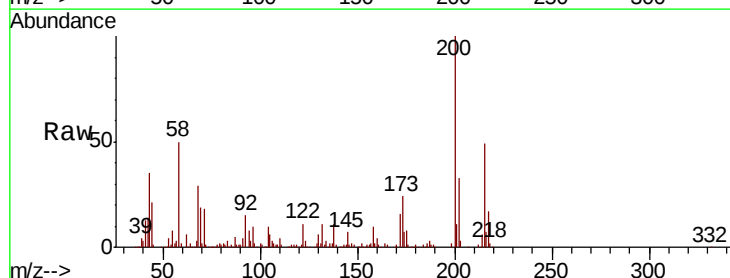
Instrument :
BNA_F
ClientSampleId :

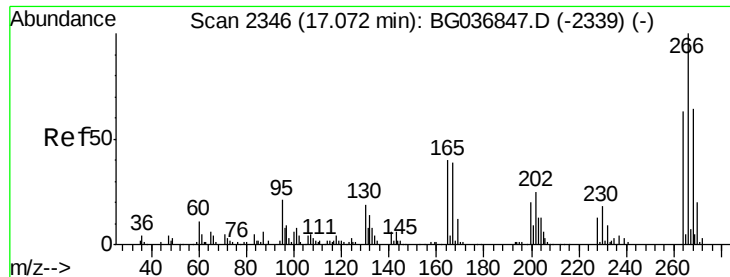
Tot Ion	Ratio	Lower	Upper
284	100		
142	33.2	27.8	41.6
249	33.4	27.4	41.2



#68
Atrazine
Concen: 49.625 ng
RT: 16.87 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.2	3.9	43.9
215	48.8	30.4	70.4

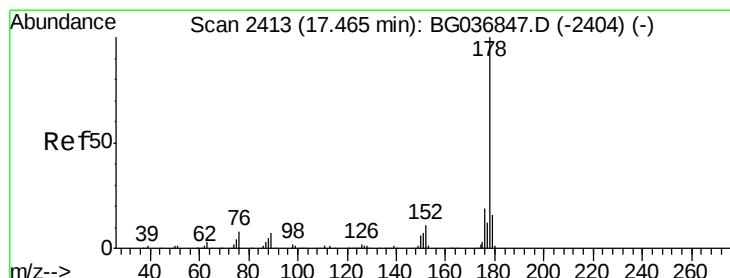
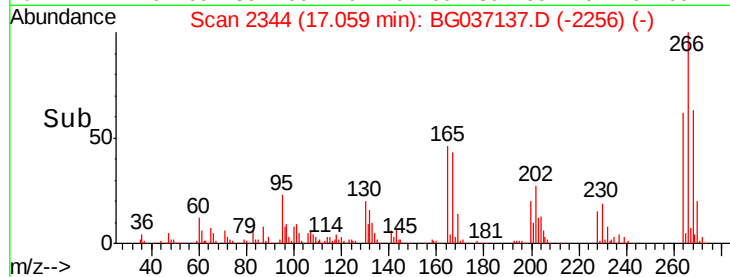
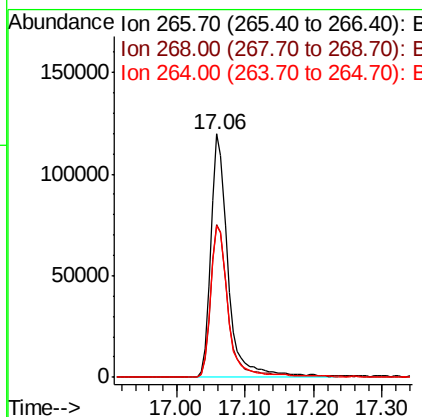
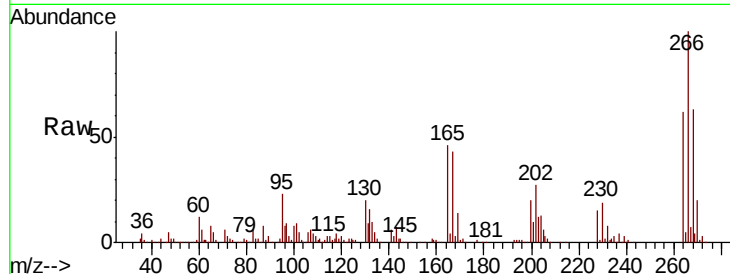




#69
 Pentachlorophenol
 Concen: 79.869 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

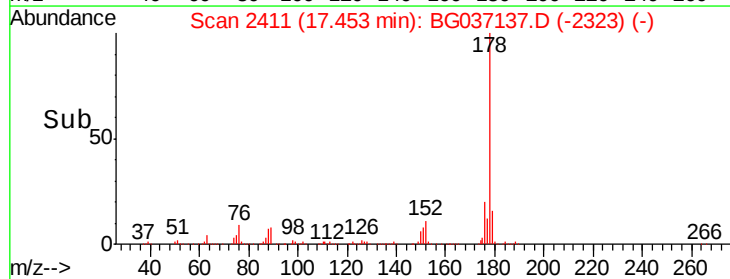
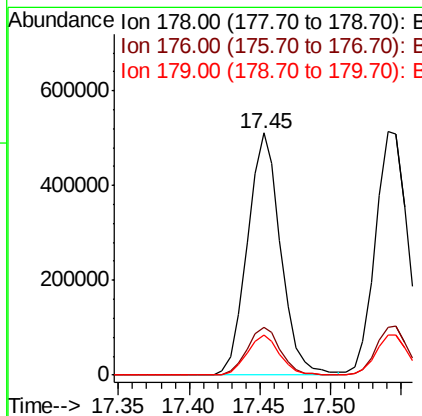
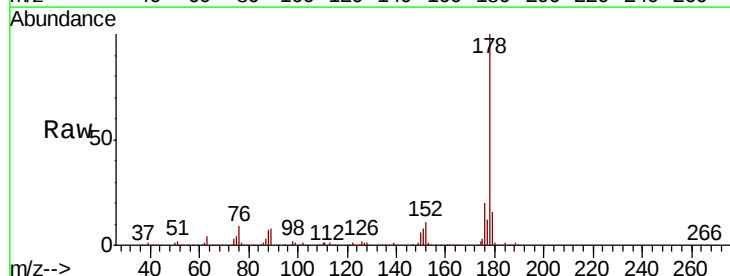
Instrument :
 BNA_F
 ClientSampleId :

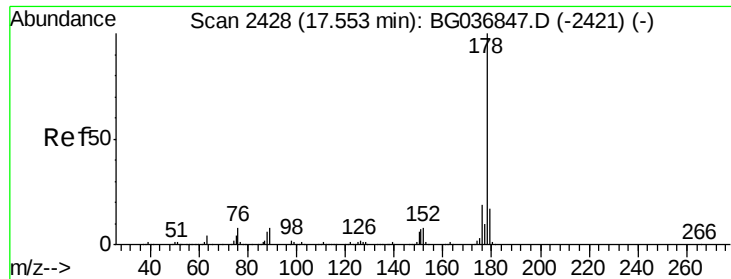
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.4	77.2
264	62.4	48.9	73.3



#70
 Phenanthrene
 Concen: 49.120 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	16.3	13.4	20.2

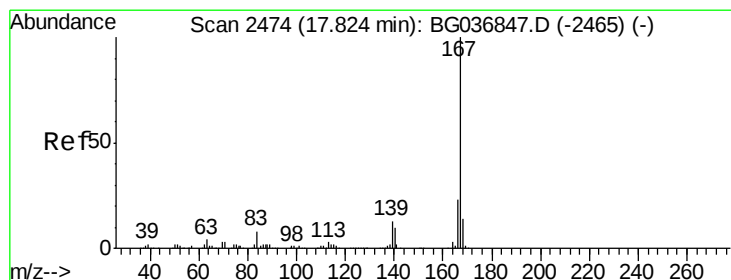
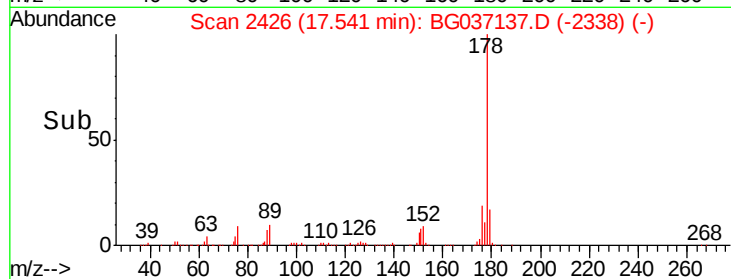
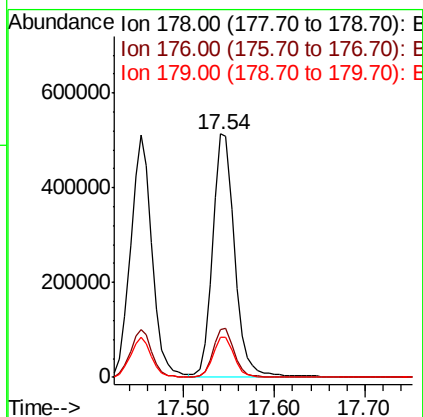
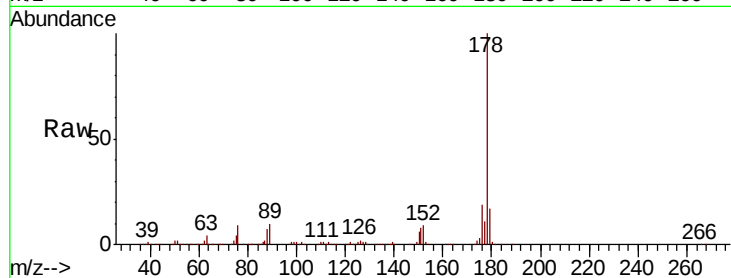




#71
 Anthracene
 Concen: 50.714 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

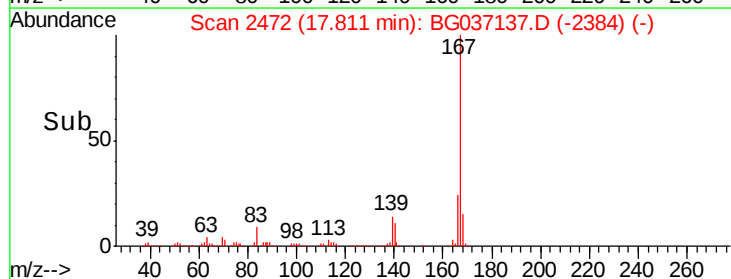
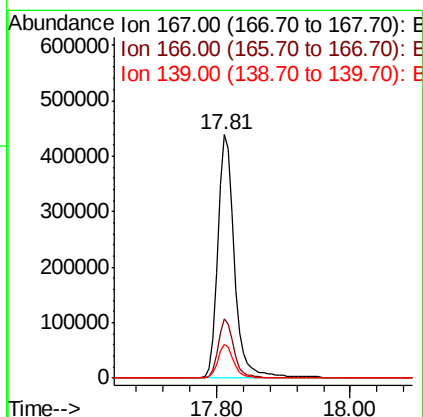
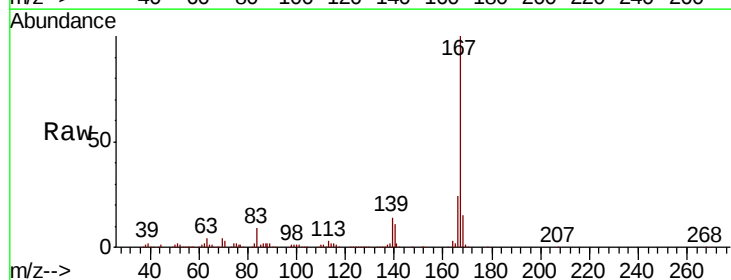
Instrument :
 BNA_F
 ClientSampleId :

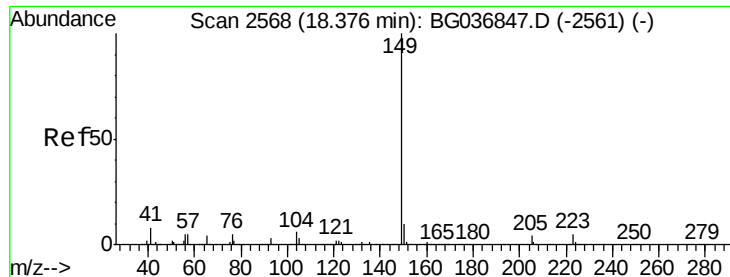
Tot Ion:178 Resp: 860963
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 16.5 13.0 19.4



#72
 Carbazole
 Concen: 46.805 ng
 RT: 17.81 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Tgt Ion:167 Resp: 774732
 Ion Ratio Lower Upper
 167 100
 166 24.3 19.5 29.3
 139 13.7 10.7 16.1

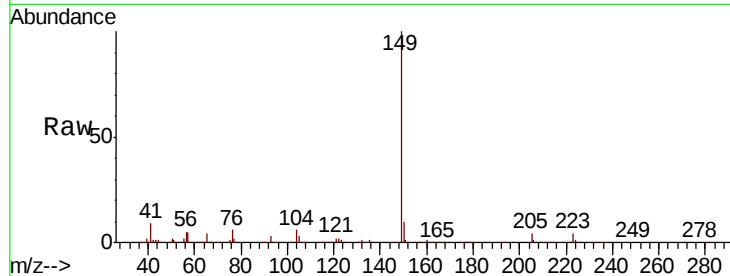




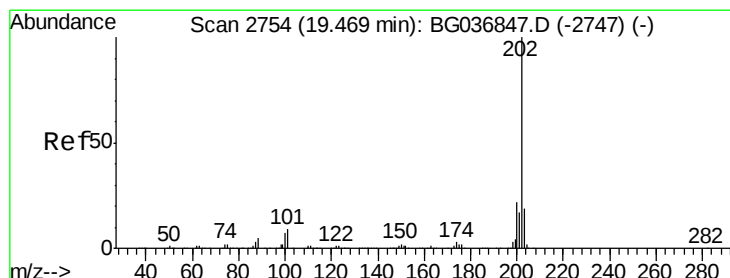
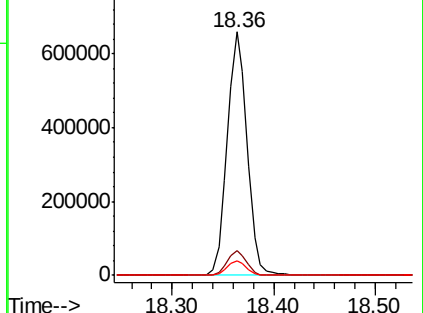
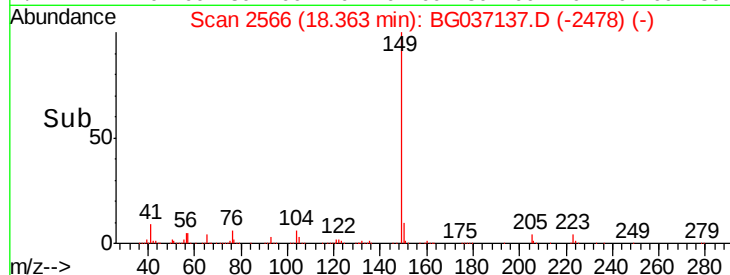
#73
Di-n-butylphthalate
Concen: 48.714 ng
RT: 18.36 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 895467
Ion Ratio Lower Upper
149 100
150 10.0 8.1 12.1
104 6.0 4.6 6.8

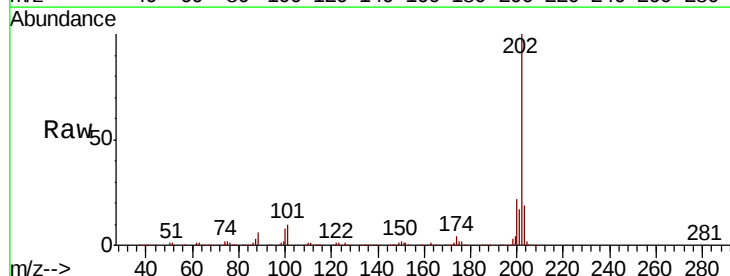


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

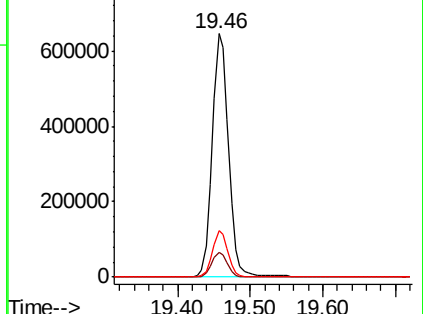
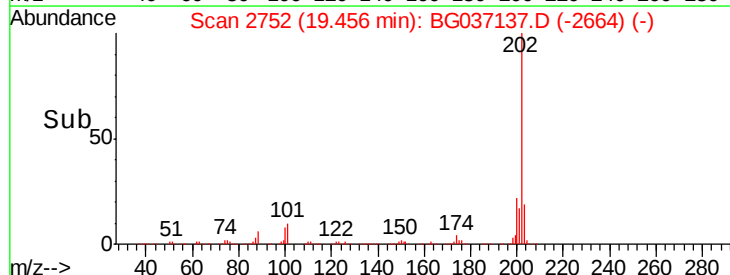


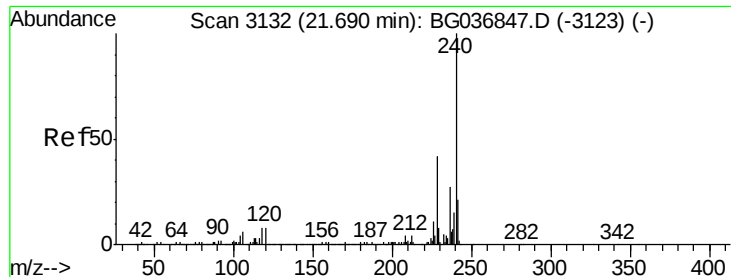
#74
Fluoranthene
Concen: 48.915 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion:202 Resp: 1010919
Ion Ratio Lower Upper
202 100
101 10.4 0.0 29.4
203 18.8 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# 3130

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_F

ClientSampleId :

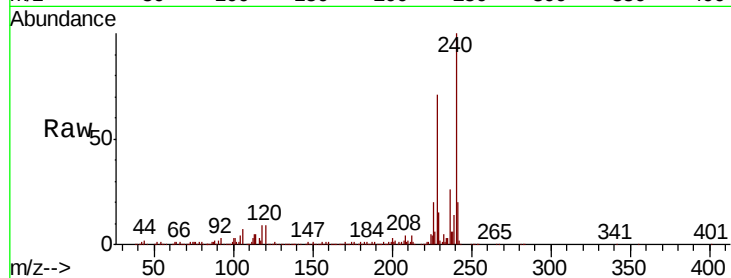
Tot Ion:240 Resp: 352352

Ion Ratio Lower Upper

240 100

120 9.4 6.9 10.3

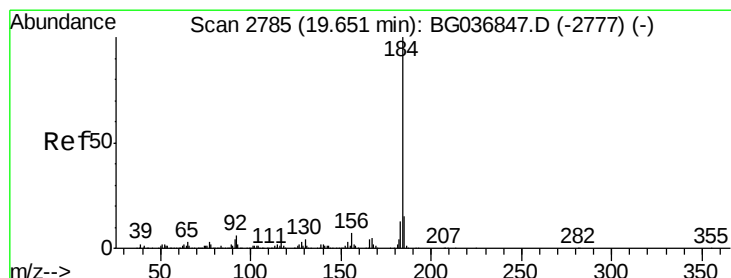
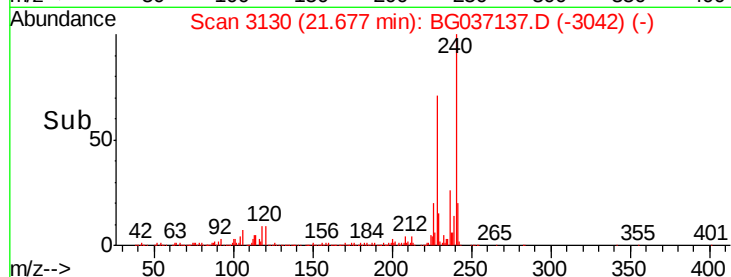
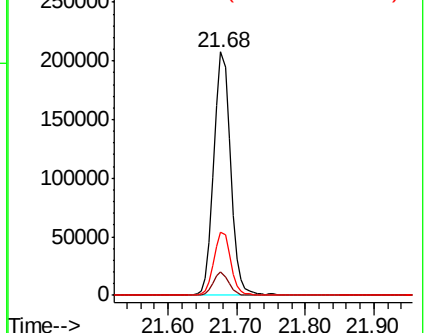
236 25.9 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.087 ng

RT: 19.64 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

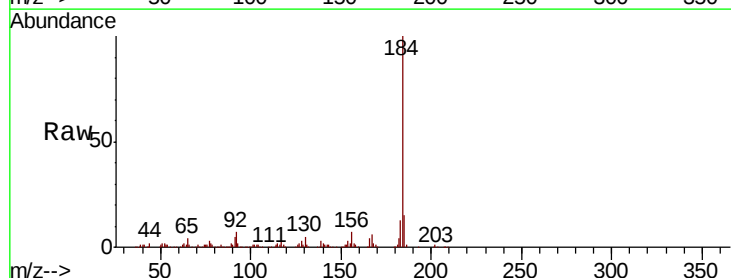
Tgt Ion:184 Resp: 320471

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

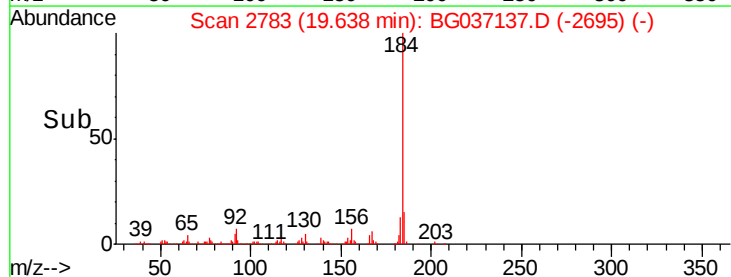
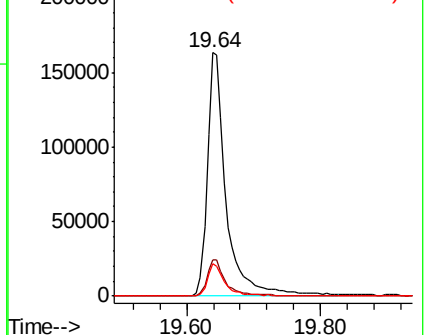
183 13.4 10.9 16.3

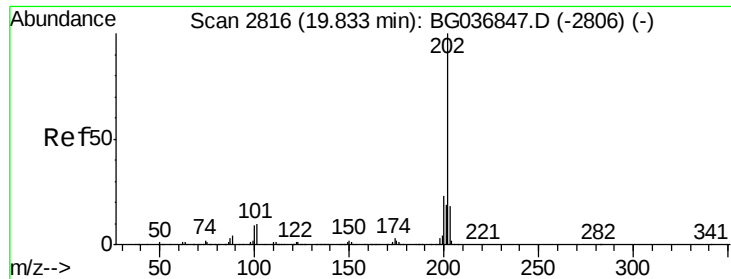


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

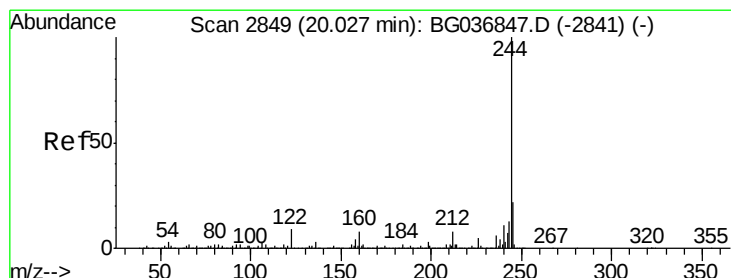
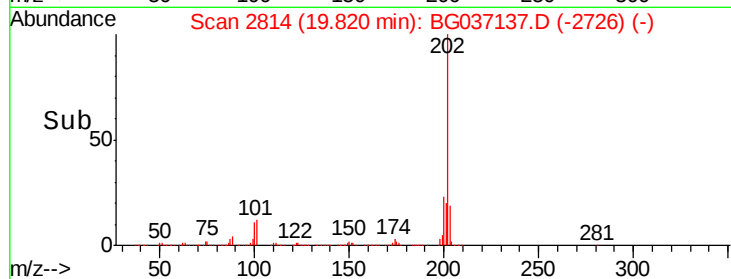
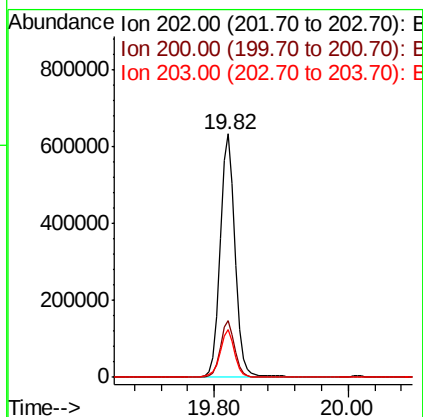
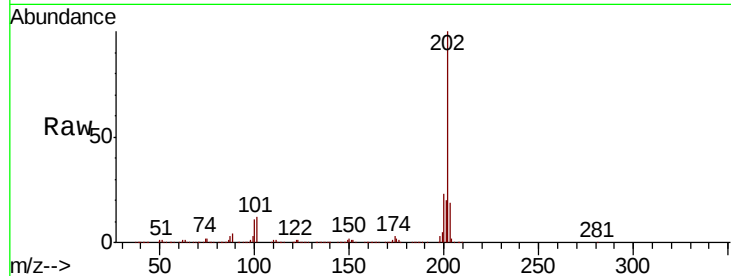




#77
Pvrene
Concen: 47.026 ng
RT: 19.82 min Scan# 2814
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

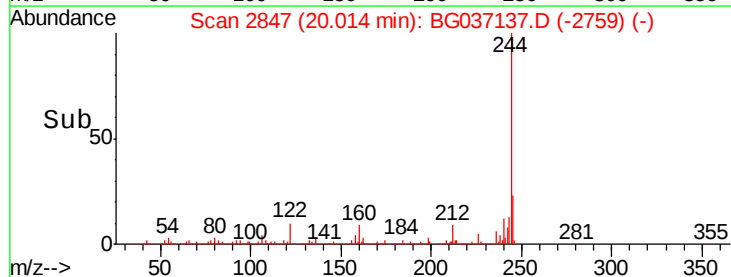
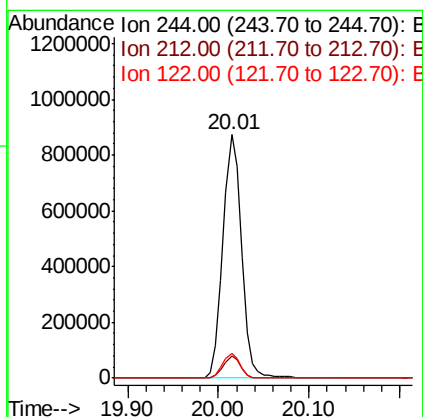
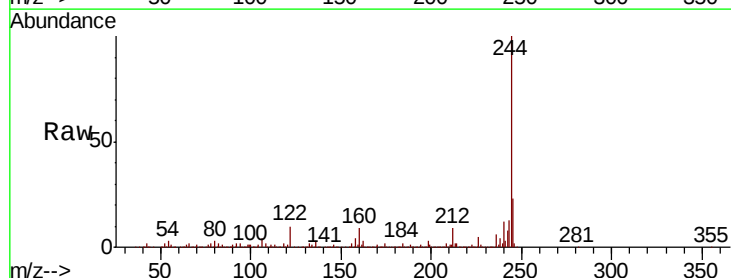
Instrument :
BNA_F
ClientSampleId :

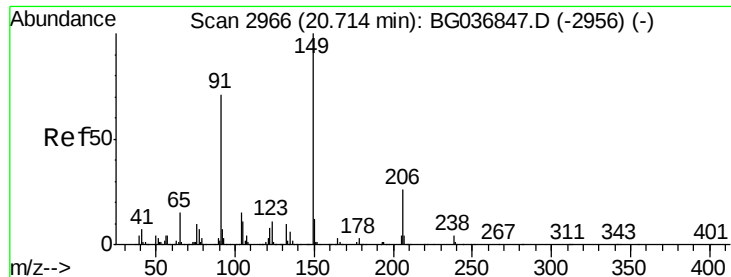
Tot Ion	Ratio	Lower	Upper
202	100		
200	23.3	18.3	27.5
203	19.4	15.1	22.7



#78
Terphenyl-d14
Concen: 92.921 ng
RT: 20.01 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	10.1	7.1	10.7

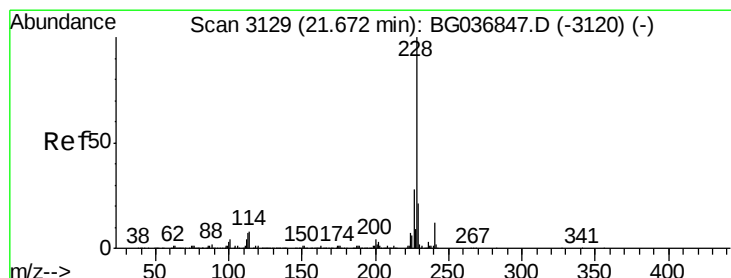
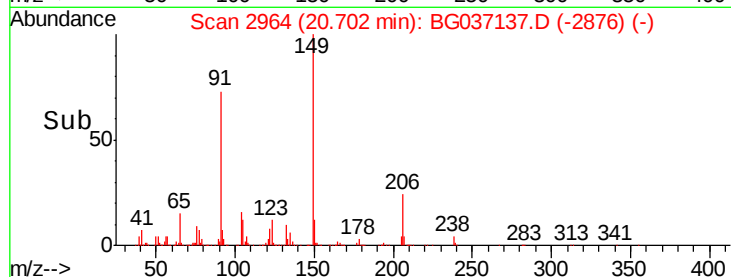
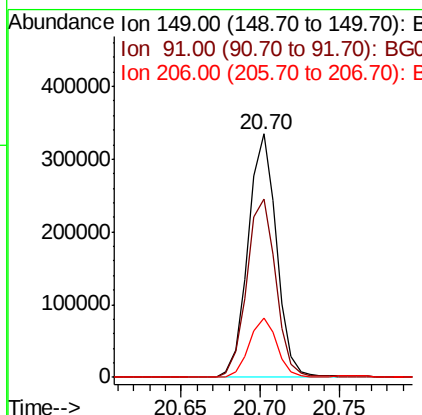
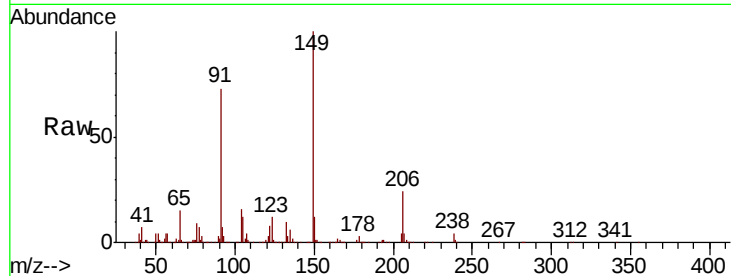




#79
Butylbenzylphthalate
Concen: 49.512 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

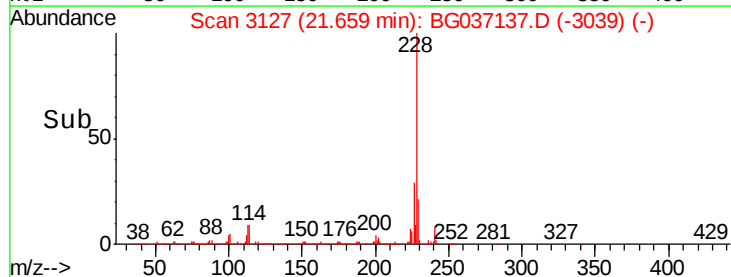
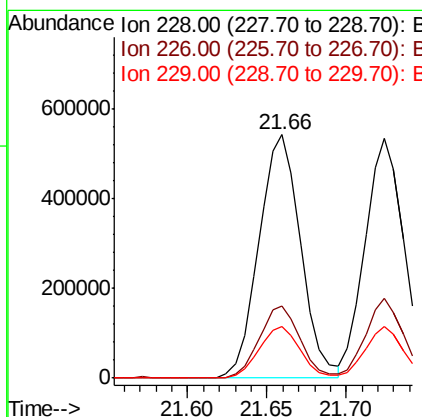
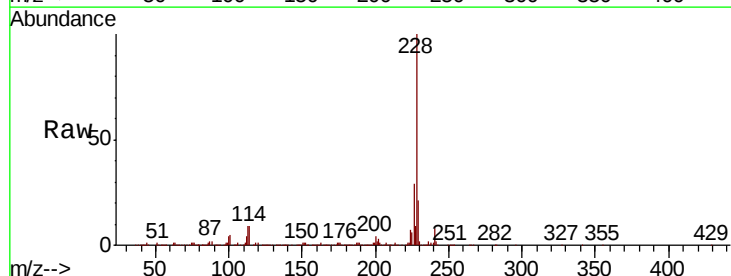
Instrument :
BNA_F
ClientSampleId :

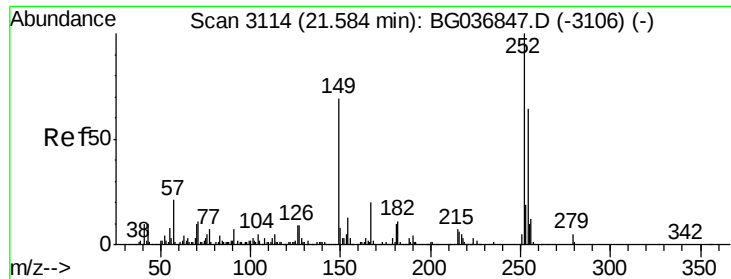
Tot Ion:149 Resp: 417281
Ion Ratio Lower Upper
149 100
91 73.0 62.0 93.0
206 24.3 19.6 29.4



#80
Benzo(a)anthracene
Concen: 48.227 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037137.D
Acq: 3 Oct 2018 17:23

Tgt Ion:228 Resp: 991960
Ion Ratio Lower Upper
228 100
226 29.5 23.4 35.2
229 21.3 17.1 25.7

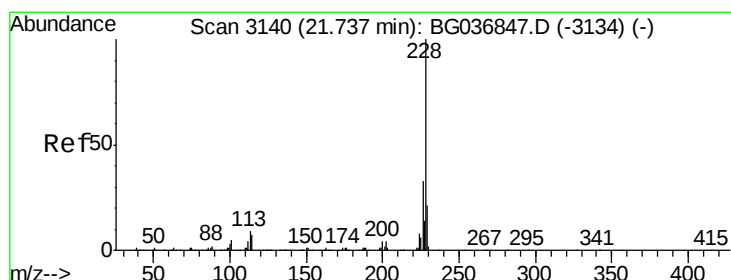
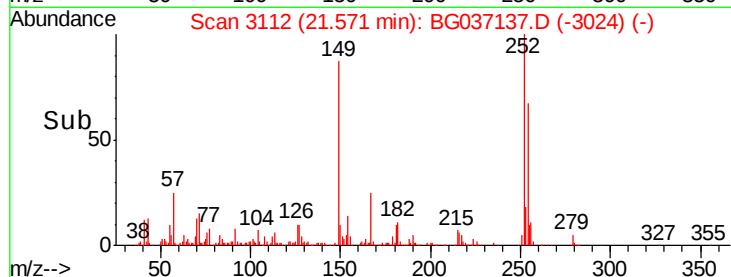
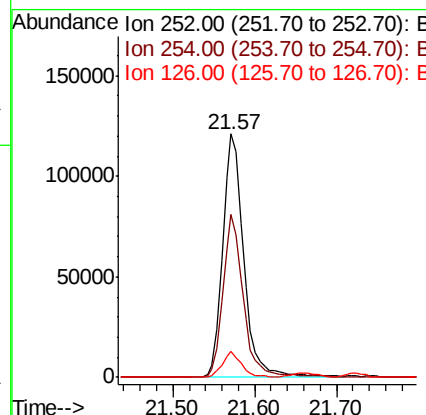
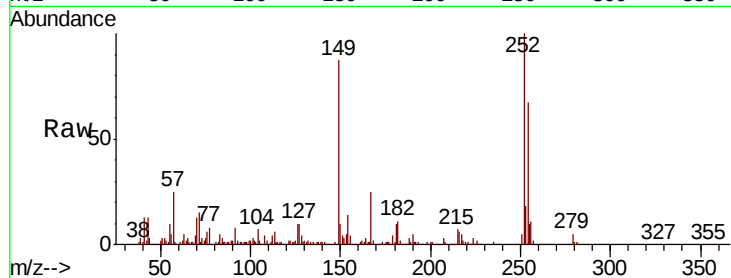




#81
 3,3'-Dichlorobenzidine
 Concen: 27.751 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

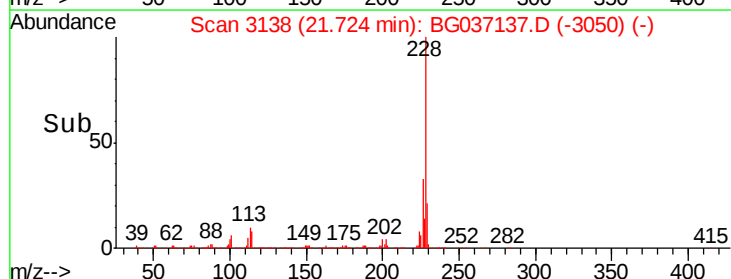
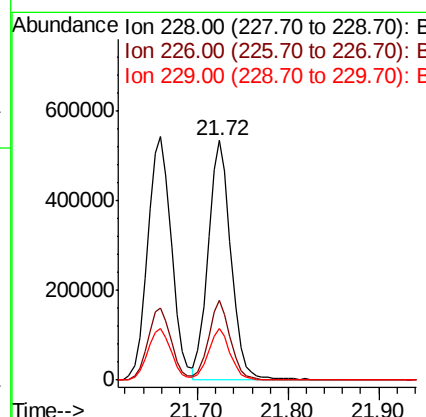
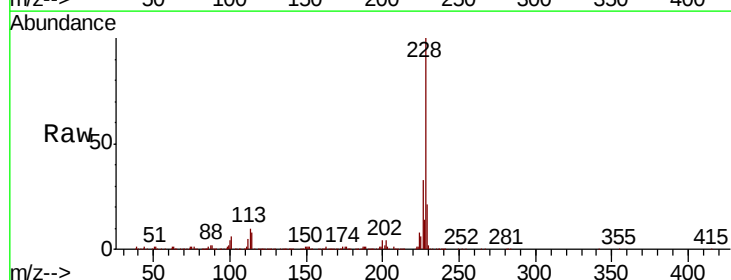
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 217267
 Ion Ratio Lower Upper
 252 100
 254 67.0 51.0 76.4
 126 10.5 7.4 11.0



#82
 Chrysene
 Concen: 46.892 ng
 RT: 21.72 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Tgt Ion:228 Resp: 931887
 Ion Ratio Lower Upper
 228 100
 226 33.1 25.5 38.3
 229 21.4 16.9 25.3

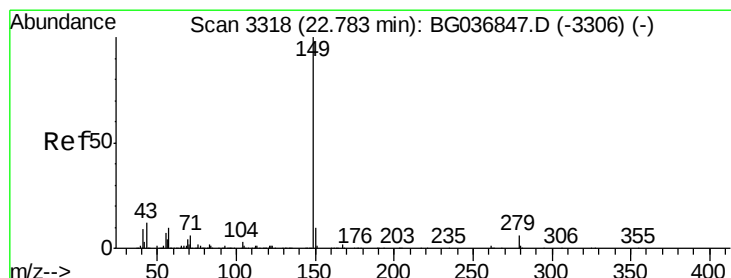
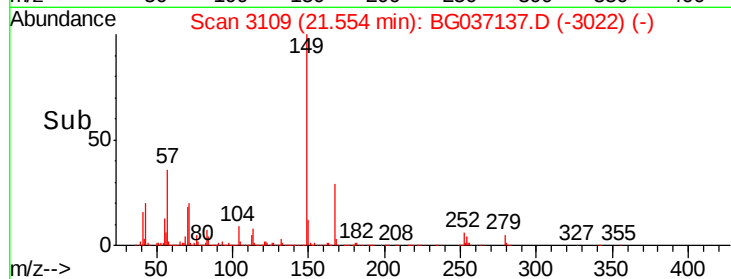
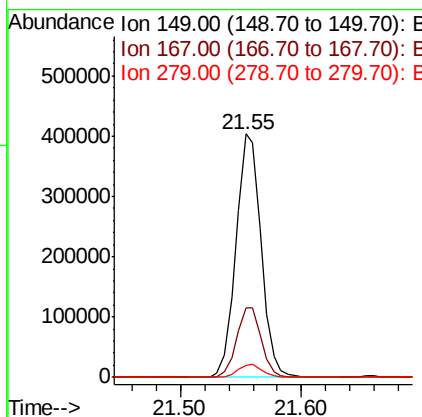
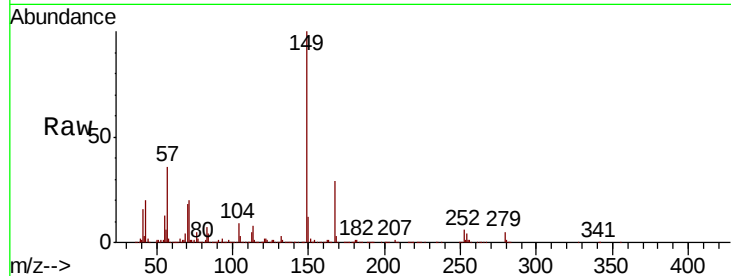




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.743 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.02 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

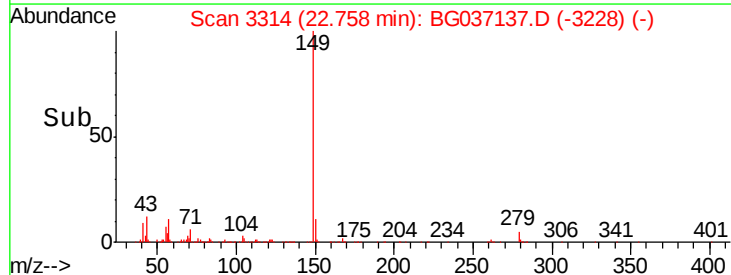
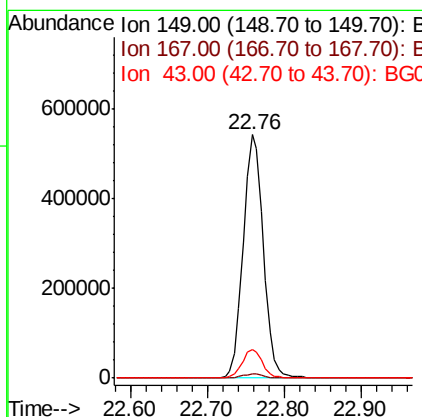
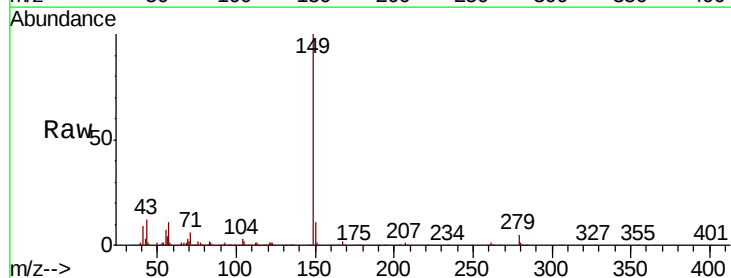
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.4	35.0
279	4.9	4.6	7.0



#84
 Di-n-octyl phthalate
 Concen: 51.376 ng
 RT: 22.76 min Scan# 3314
 Delta R.T. -0.02 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.6	10.0	15.0



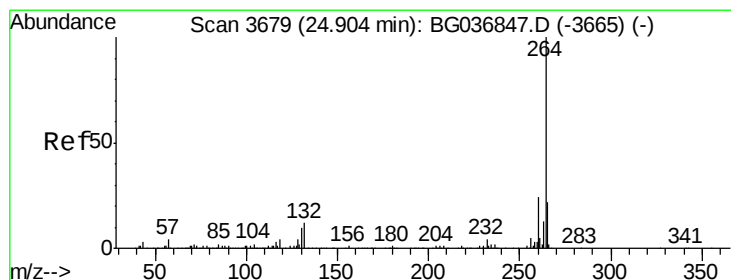
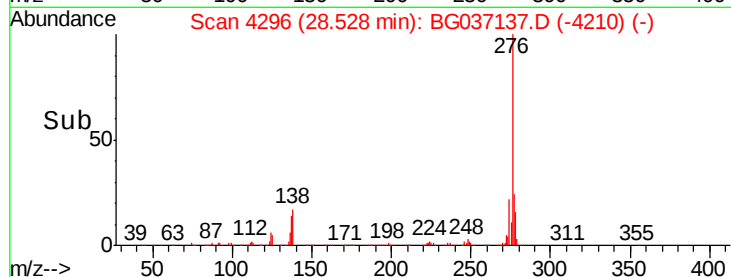
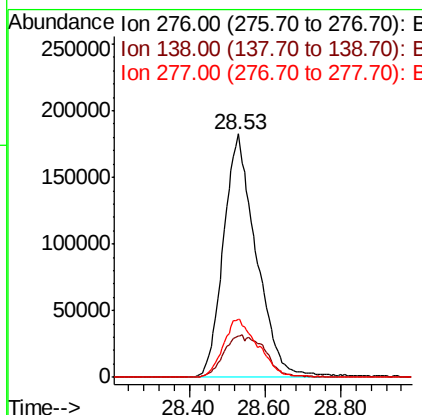
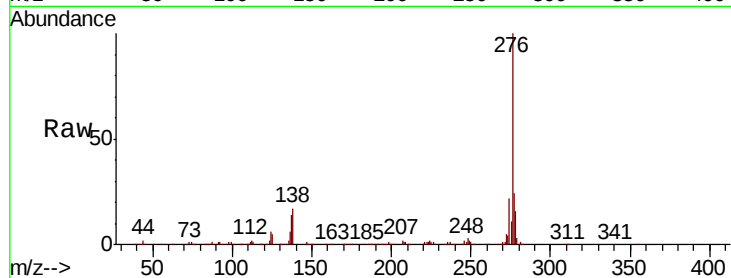


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.538 ng
 RT: 28.53 min Scan# 4296
 Delta R.T. -0.02 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 1099856

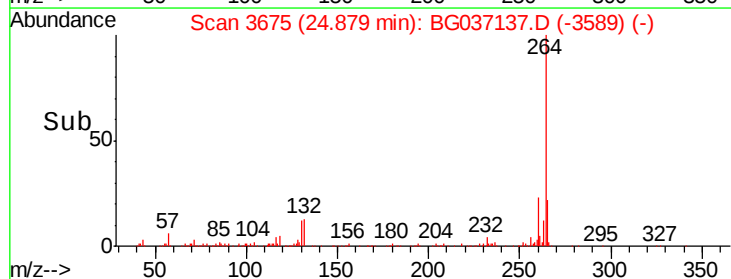
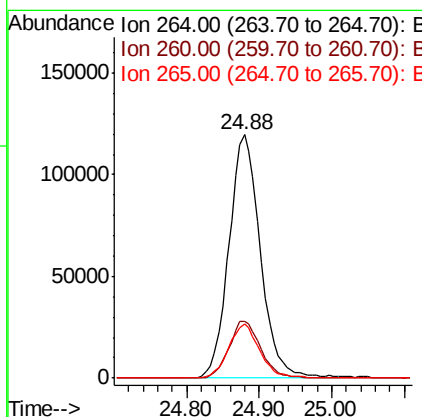
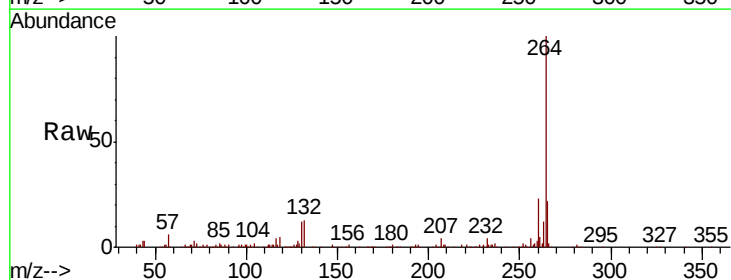
Ion	Ratio	Lower	Upper
276	100		
138	10.8	10.6	15.8
277	25.4	20.6	30.8

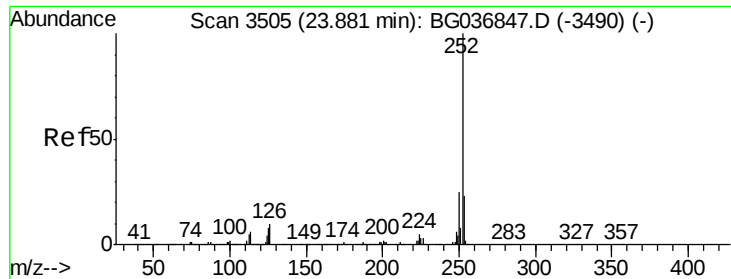


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG037137.D
 Acq: 3 Oct 2018 17:23

Tgt Ion:264 Resp: 359985

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	22.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 50.386 ng

RT: 23.86 min Scan# 3502

Delta R.T. -0.02 min

Lab File: BG037137.D

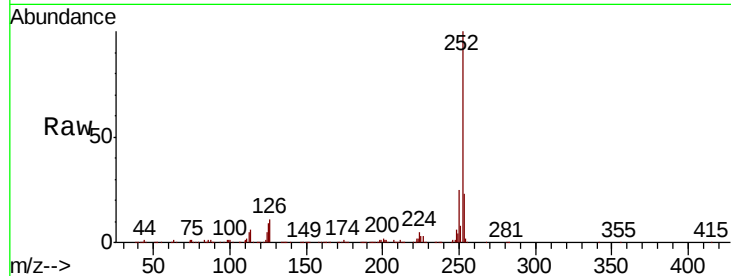
Acq: 3 Oct 2018 17:23

Instrument :

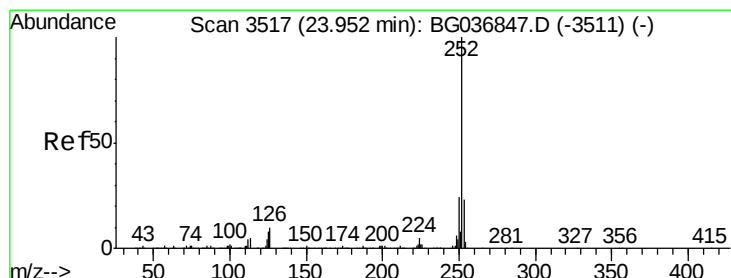
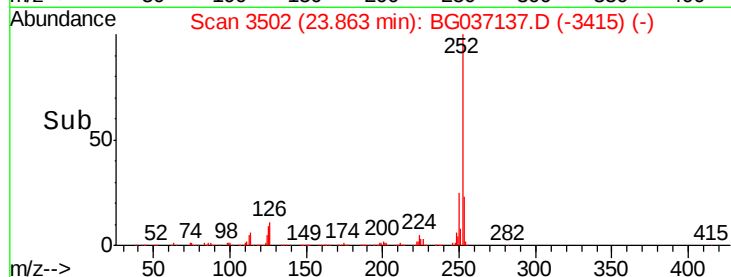
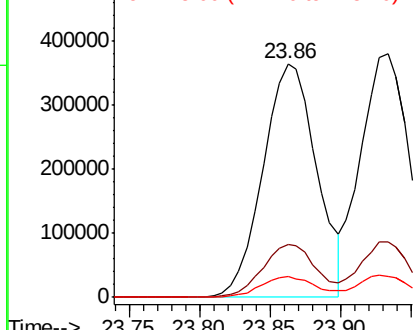
BNA_F

ClientSampleId :

Tot	Ion:252	Resp:	966636
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	8.9	6.6	10.0



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



#88

Benzo(k)fluoranthene

Concen: 49.321 ng

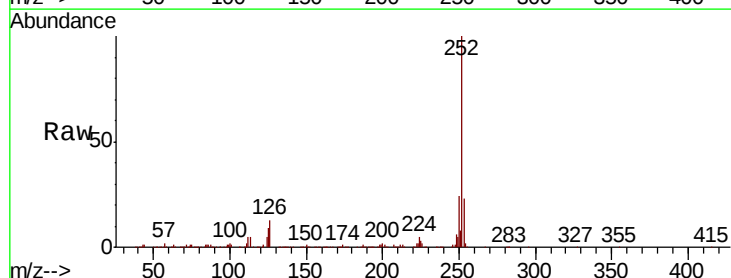
RT: 23.93 min Scan# 3514

Delta R.T. -0.02 min

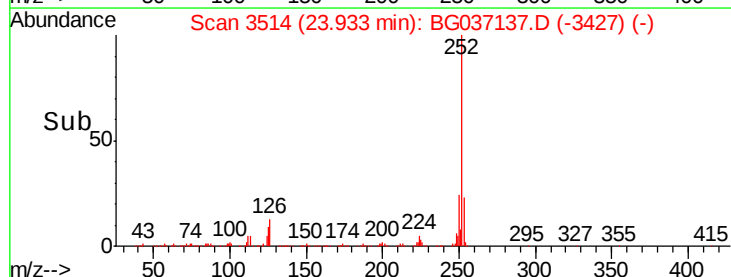
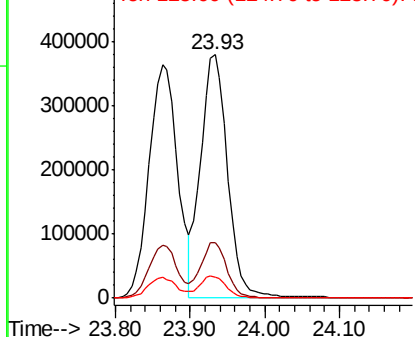
Lab File: BG037137.D

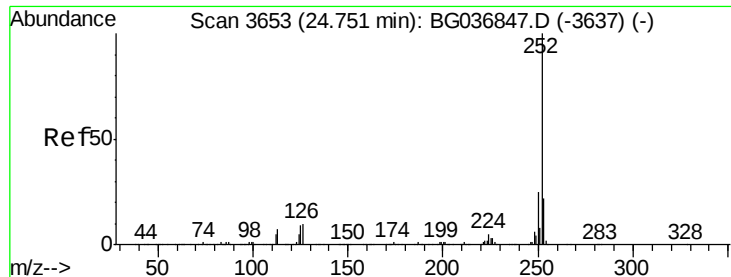
Acq: 3 Oct 2018 17:23

Tgt	Ion:252	Resp:	949291
Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	8.8	7.0	10.6



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





#89

Benzo(a)pyrene

Concen: 51.727 ng

RT: 24.73 min Scan# 3649

Delta R.T. -0.02 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_F

ClientSampleId :

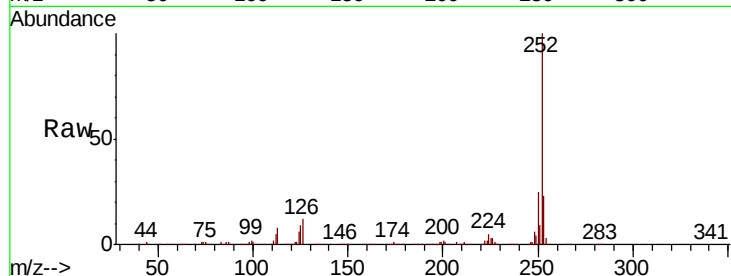
Tot Ion:252 Resp: 959392

Ion Ratio Lower Upper

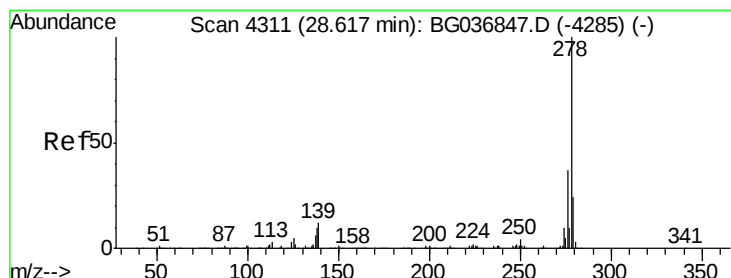
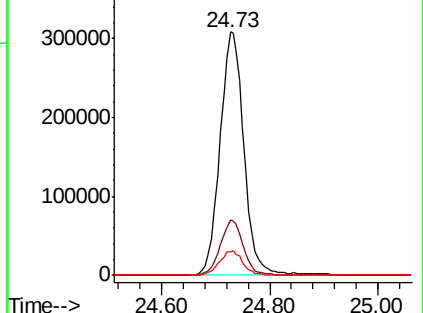
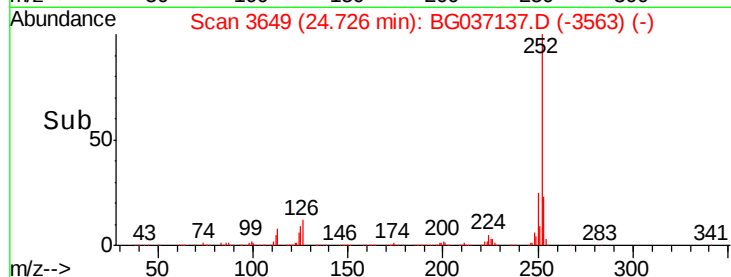
252 100

253 22.6 18.2 27.2

125 9.4 7.3 10.9



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



#90

Dibenzo(a,h)anthracene

Concen: 51.264 ng

RT: 28.59 min Scan# 4306

Delta R.T. -0.03 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

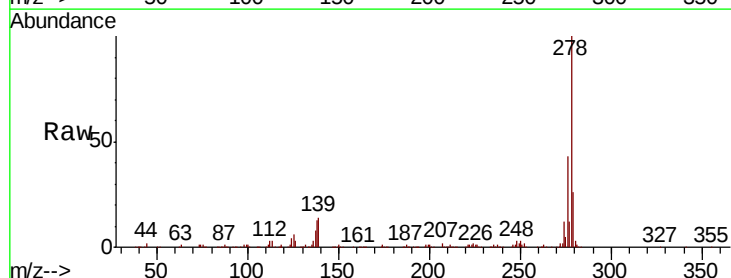
Tgt Ion:278 Resp: 891095

Ion Ratio Lower Upper

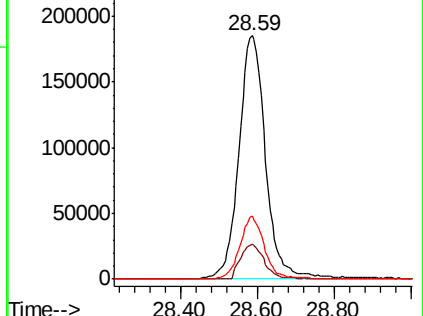
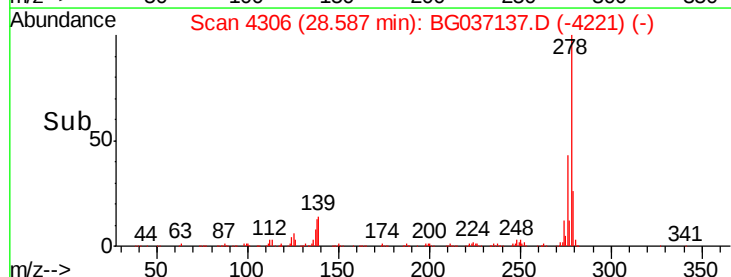
278 100

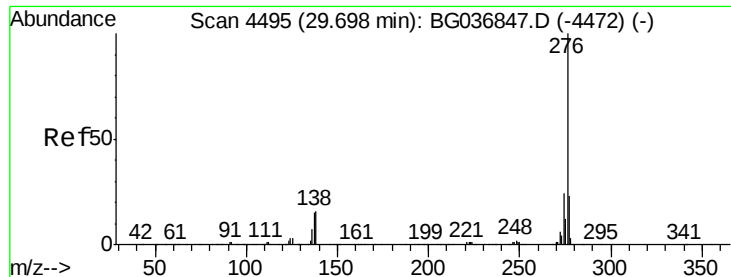
139 14.4 11.0 16.4

279 25.8 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 52.500 ng

RT: 29.66 min Scan# 4489

Delta R.T. -0.04 min

Lab File: BG037137.D

Acq: 3 Oct 2018 17:23

Instrument :

BNA_F

ClientSampleId :

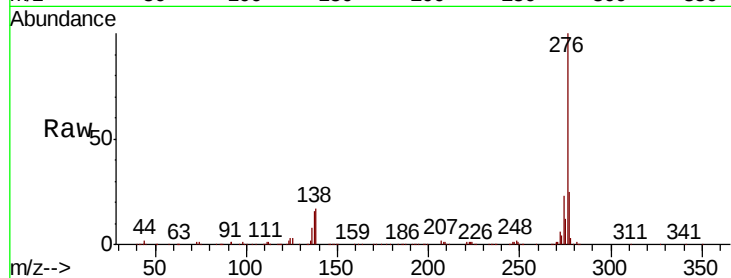
Tot Ion: 276 Resp: 915885

Ion Ratio Lower Upper

276 100

277 24.6 18.4 27.6

138 17.1 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

