

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021919\
 Data File : BG039569.D
 Acq On : 20 Feb 2019 00:20
 Operator : JU/SJ
 Sample : PB117221BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117221BS

Quant Time: Feb 20 00:56:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	51054	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	225504	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	152051	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	372104	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	361637	20.00	ng	-0.02
87) Perylene-d12	25.20	264	358865	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	420740	141.05	ng	0.00
7) Phenol-d6	7.32	99	643051	146.45	ng	0.00
23) Nitrobenzene-d5	9.34	82	311691	86.35	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	274814	167.84	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	752672	71.01	ng	-0.02
79) Terphenyl-d14	20.12	244	1273658	74.55	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	52306	40.086	ng	93
3) Pyridine	4.01	79	156998	45.445	ng	97
4) n-Nitrosodimethylamine	3.93	42	76983	44.557	ng	# 96
6) Aniline	7.49	93	250470	45.541	ng	96
8) 2-Chlorophenol	7.73	128	143407	43.981	ng	99
9) Benzaldehyde	7.31	77	82931	37.022	ng	92
10) Phenol	7.35	94	201489	44.021	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	148200	40.976	ng	96
12) 1,3-Dichlorobenzene	8.06	146	161942	40.997	ng	98
13) 1,4-Dichlorobenzene	8.20	146	166305	42.240	ng	98
14) 1,2-Dichlorobenzene	8.52	146	161101	42.268	ng	98
15) Benzyl Alcohol	8.41	79	149454	43.355	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.69	45	289616	35.459	ng	99
17) 2-Methylphenol	8.60	107	133729	45.148	ng	94
18) Hexachloroethane	9.26	117	57877	42.729	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	126700	40.655	ng	93
20) 3+4-Methylphenols	8.93	107	186897	45.821	ng	96
22) Acetophenone	9.00	105	241808	39.919	ng	# 96
24) Nitrobenzene	9.39	77	185065	47.457	ng	97
25) Isophorone	9.90	82	362811	45.357	ng	97
26) 2-Nitrophenol	10.10	139	94736	58.048	ng	97
27) 2,4-Dimethylphenol	10.14	122	157148	48.565	ng	99
28) bis(2-Chloroethoxy)methane	10.38	93	208160	42.249	ng	97
29) 2,4-Dichlorophenol	10.63	162	169010	47.790	ng	95
30) 1,2,4-Trichlorobenzene	10.85	180	171877	43.289	ng	99
31) Naphthalene	11.04	128	495413	44.284	ng	98
32) Benzoic acid	10.28	122	111172	51.627	ng	98
33) 4-Chloroaniline	11.15	127	233270	44.971	ng	96
34) Hexachlorobutadiene	11.30	225	108538	41.105	ng	95
35) Caprolactam	11.94	113	49102	33.552	ng	95
36) 4-Chloro-3-methylphenol	12.25	107	188485	46.084	ng	96
37) 2-Methylnaphthalene	12.63	142	382151	46.121	ng	97
38) 1-Methylnaphthalene	12.85	142	363028	45.452	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	207772	42.947	ng	99

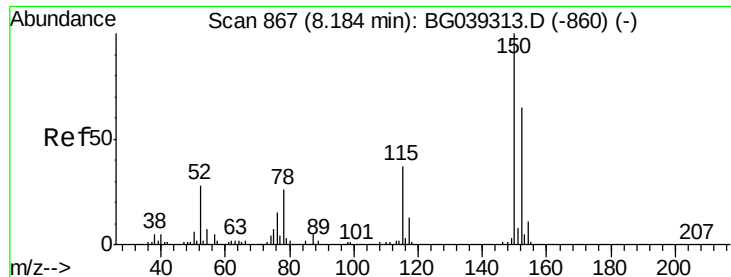
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	258912	98.214	ng	96
43) 2,4,6-Trichlorophenol	13.23	196	143290	48.172	ng	99
44) 2,4,5-Trichlorophenol	13.30	196	155507	49.881	ng	98
46) 1,1'-Biphenyl	13.63	154	503489	39.798	ng	100
47) 2-Chloronaphthalene	13.68	162	394304	41.431	ng	98
48) 2-Nitroaniline	13.88	65	138848	50.306	ng	93
49) Acenaphthylene	14.52	152	631442	43.971	ng	99
50) Dimethylphthalate	14.24	163	521523	42.469	ng	100
51) 2,6-Dinitrotoluene	14.37	165	117667	50.822	ng	96
52) Acenaphthene	14.85	154	384541	41.252	ng	99
53) 3-Nitroaniline	14.71	138	122054	49.130	ng	# 89
54) 2,4-Dinitrophenol	14.91	184	110708	98.151	ng	95
55) Dibenzofuran	15.19	168	624457	41.781	ng	99
56) 4-Nitrophenol	15.00	139	185771	83.401	ng	93
57) 2,4-Dinitrotoluene	15.15	165	167965	55.644	ng	84
58) Fluorene	15.84	166	496383	44.553	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	154896	53.064	ng	96
60) Diethylphthalate	15.59	149	525298	41.372	ng	98
61) 4-Chlorophenyl-phenylether	15.82	204	260178	41.241	ng	96
62) 4-Nitroaniline	15.87	138	125844	48.793	ng	92
63) Azobenzene	16.12	77	474427	38.230	ng	96
65) 4,6-Dinitro-2-methylphenol	15.91	198	89889	57.032	ng	96
66) n-Nitrosodiphenylamine	16.04	169	460234	40.677	ng	96
67) 4-Bromophenyl-phenylether	16.72	248	174042	42.161	ng	95
68) Hexachlorobenzene	16.83	284	178470	43.091	ng	96
69) Atrazine	16.98	200	162591	39.323	ng	97
70) Pentachlorophenol	17.17	266	215122	74.733	ng	98
71) Phenanthrene	17.58	178	819119	42.532	ng	98
72) Anthracene	17.67	178	840868	44.326	ng	98
73) Carbazole	17.94	167	729122	38.513	ng	100
74) Di-n-butylphthalate	18.47	149	889635	40.279	ng	99
75) Fluoranthene	19.58	202	965647	43.199	ng	99
77) Benzidine	19.76	184	748895	63.163	ng	99
78) Pyrene	19.94	202	953419	42.350	ng	98
80) Butylbenzylphthalate	20.80	149	410601	43.236	ng	97
81) Benzo(a)anthracene	21.80	228	940865	44.030	ng	100
82) 3,3'-Dichlorobenzidine	21.72	252	333284	42.063	ng	99
83) Chrysene	21.87	228	881041	43.312	ng	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	568741	41.978	ng	99
85) Di-n-octyl phthalate	22.93	149	964388	43.085	ng	96
86) Indeno(1,2,3-cd)pyrene	29.09	276	951641	43.603	ng	# 96
88) Benzo(b)fluoranthene	24.12	252	884976	45.219	ng	99
89) Benzo(k)fluoranthene	24.19	252	894599	45.530	ng	100
90) Benzo(a)pyrene	25.05	252	877443	46.553	ng	99
91) Dibenzo(a,h)anthracene	29.16	278	759143	43.008	ng	99
92) Benzo(g,h,i)perylene	30.31	276	750991	42.685	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.02 min

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BNA_G

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PB117221BS

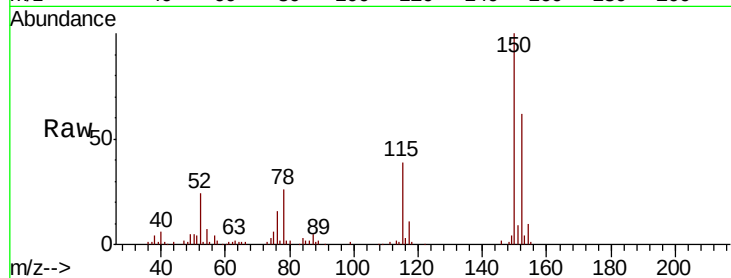
Tgt Ion:152 Resp: 51054

Ion Ratio Lower Upper

152 100

150 162.2 123.7 185.5

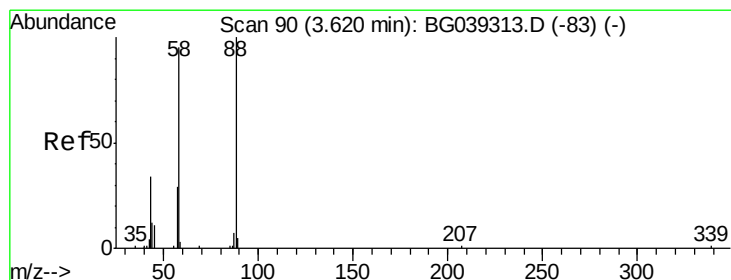
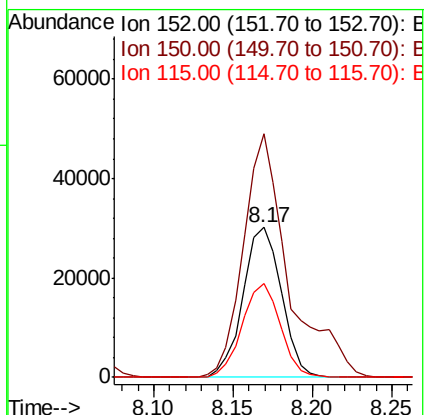
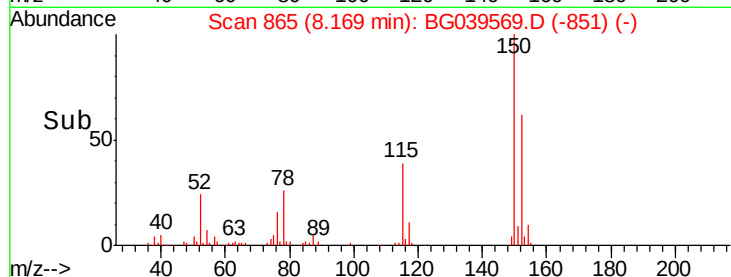
115 62.8 45.9 68.9



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: 40.086 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

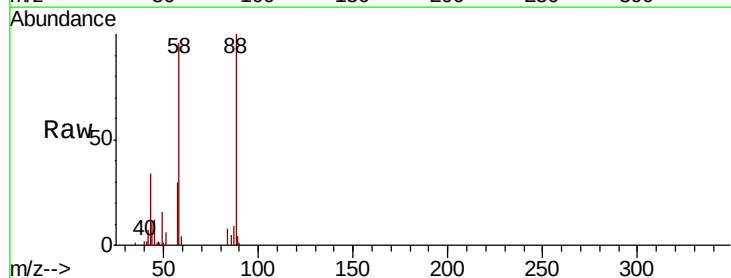
Tgt Ion: 88 Resp: 52306

Ion Ratio Lower Upper

88 100

58 93.5 81.1 121.7

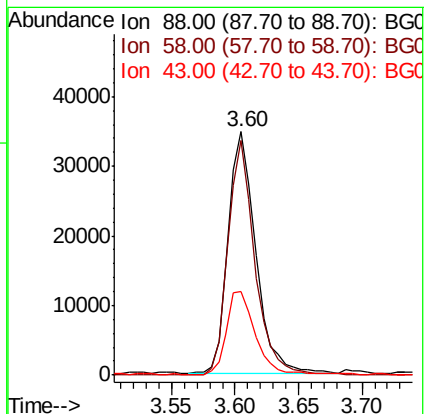
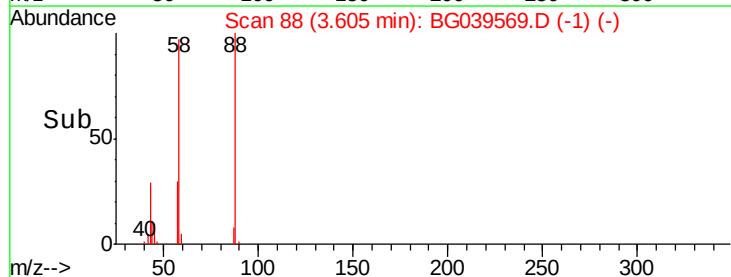
43 36.3 31.4 47.0

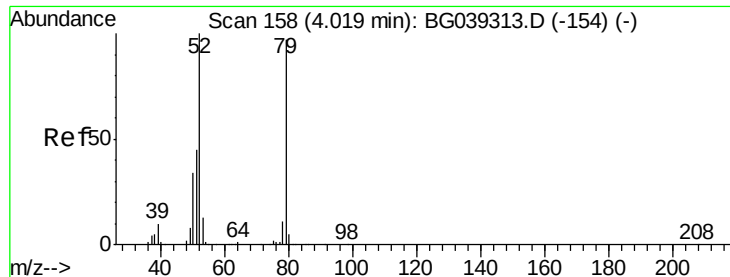


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 45.445 ng

RT: 4.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

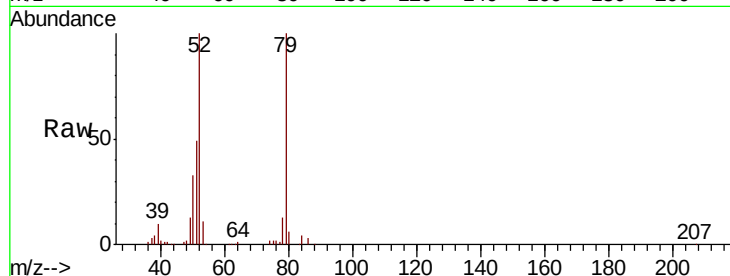
Tgt Ion: 79 Resp: 156998

Ion Ratio Lower Upper

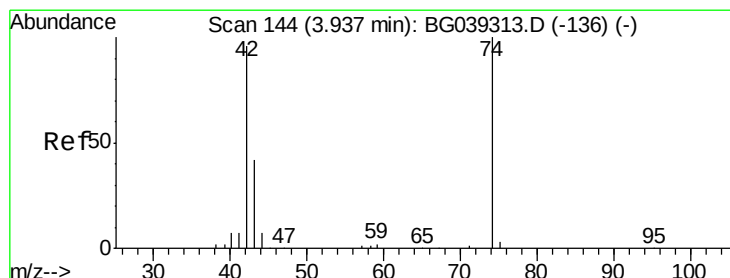
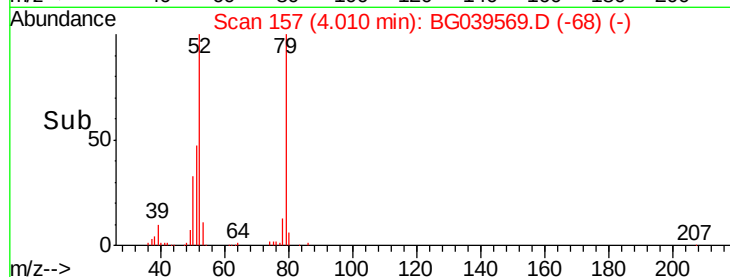
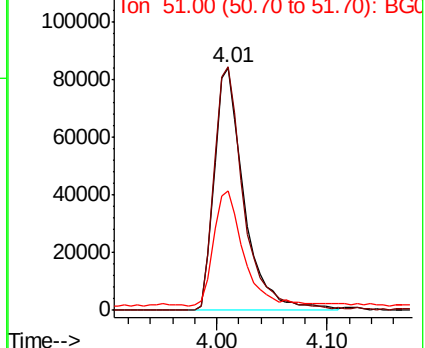
79 100

52 100.3 82.6 124.0

51 49.0 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 44.557 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

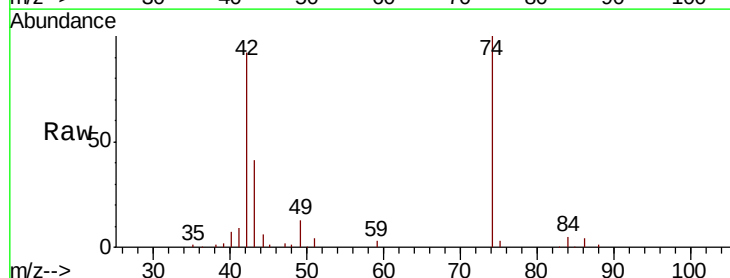
Tgt Ion: 42 Resp: 76983

Ion Ratio Lower Upper

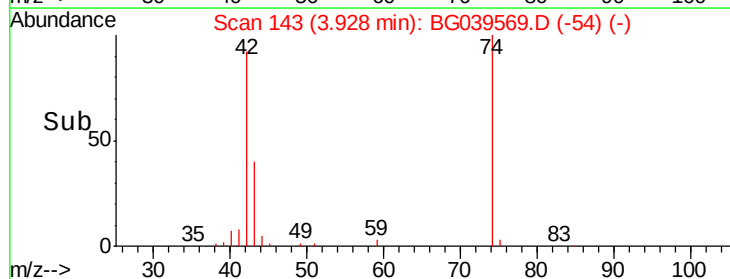
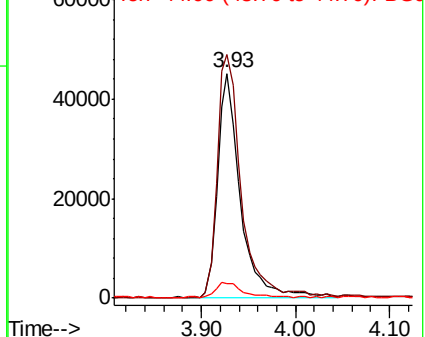
42 100

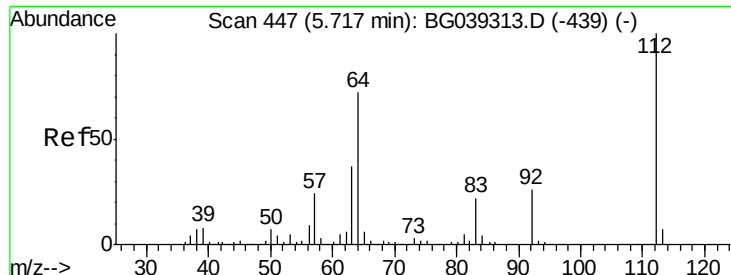
74 108.2 83.6 125.4

44 6.7 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 141.047 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039569.D

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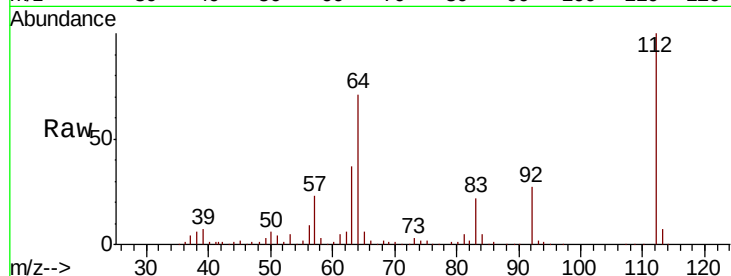
Tgt Ion: 112 Resp: 420740

Ion Ratio Lower Upper

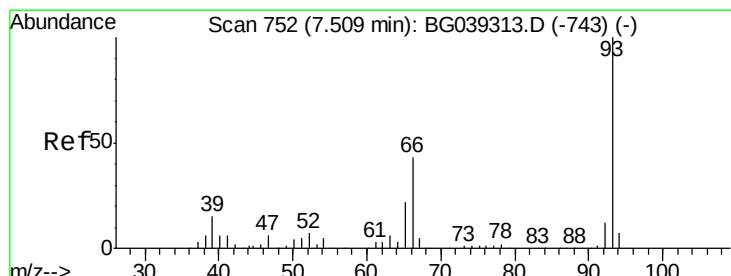
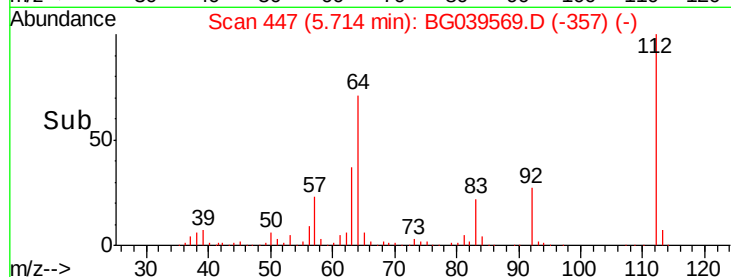
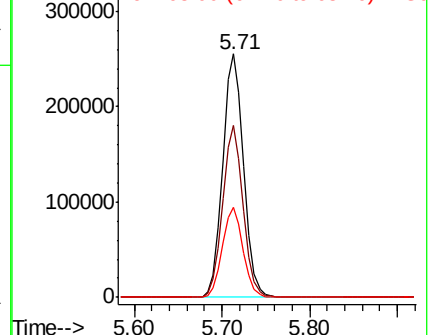
112 100

64 70.7 57.8 86.8

63 37.2 29.8 44.6



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: 45.541 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

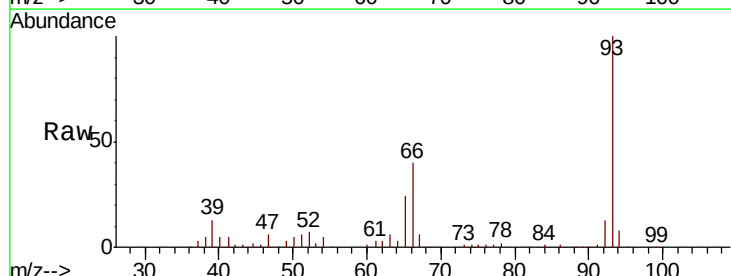
Tgt Ion: 93 Resp: 250470

Ion Ratio Lower Upper

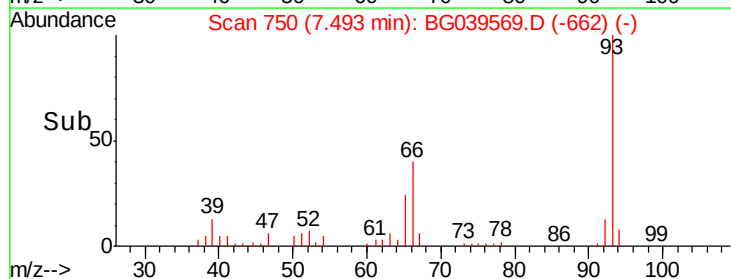
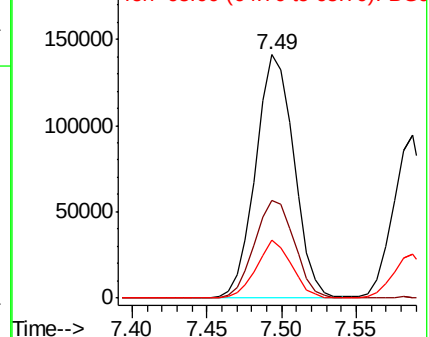
93 100

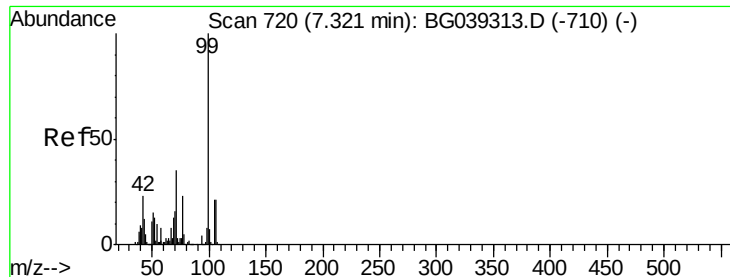
66 40.3 34.2 51.4

65 23.6 17.7 26.5



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: 146.452 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

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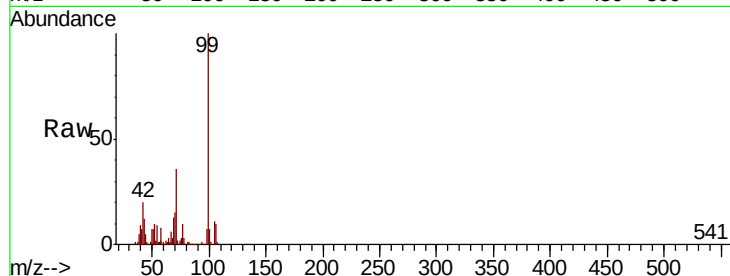
Tgt Ion: 99 Resp: 643051

Ion Ratio Lower Upper

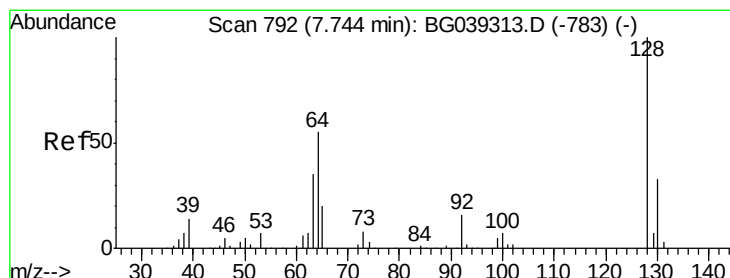
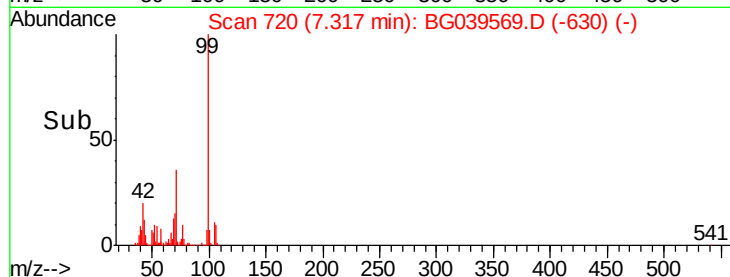
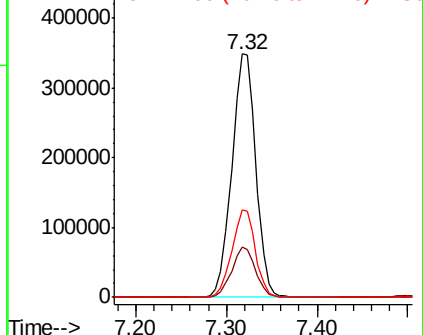
99 100

42 20.5 18.2 27.2

71 36.2 28.0 42.0



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



#8

2-Chlorophenol

Concen: 43.981 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.02 min

Lab File: BG039569.D

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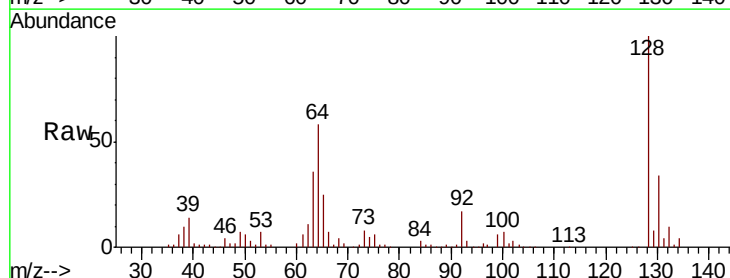
Tgt Ion: 128 Resp: 143407

Ion Ratio Lower Upper

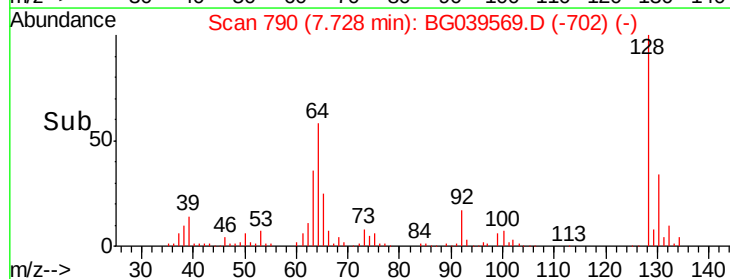
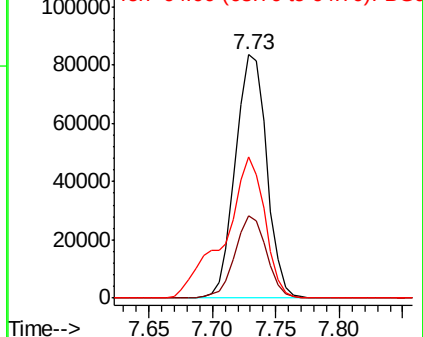
128 100

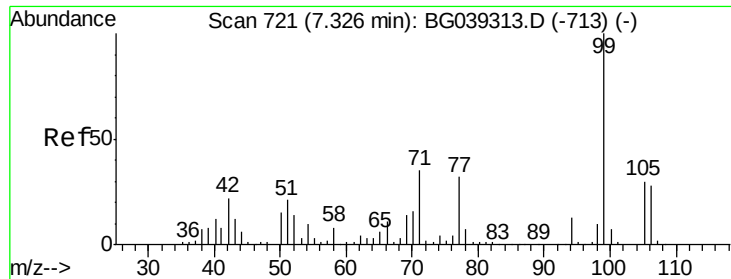
130 33.9 12.9 52.9

64 57.8 38.7 78.7



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: 37.022 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039569.D

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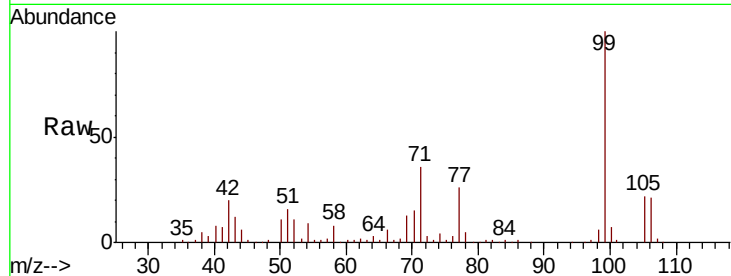
Tgt Ion: 77 Resp: 82931

Ion Ratio Lower Upper

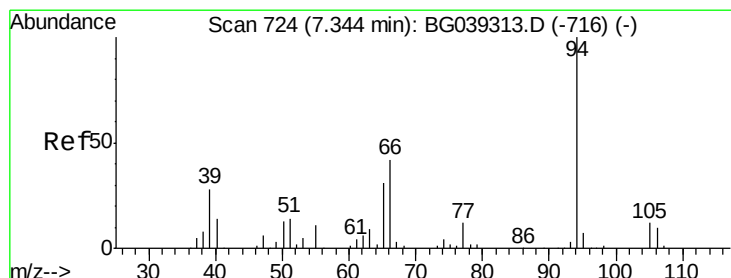
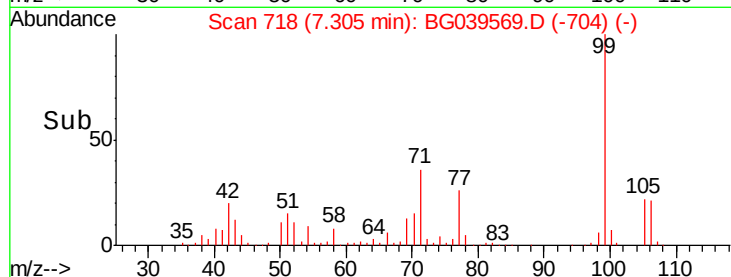
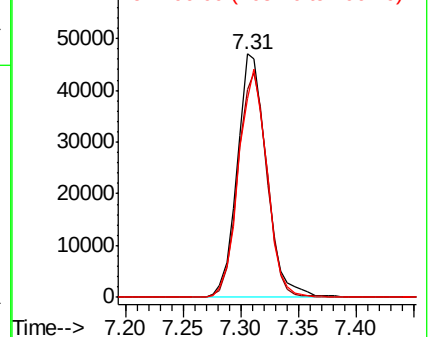
77 100

105 85.3 74.5 114.5

106 81.4 68.0 108.0



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: 44.021 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

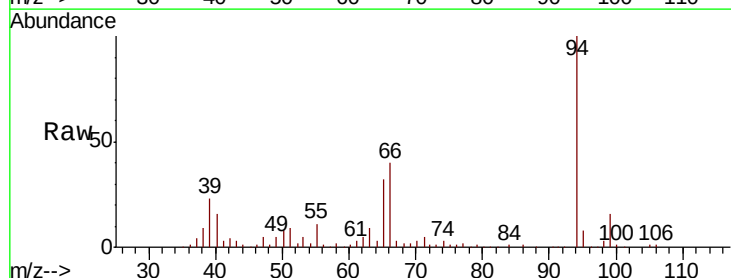
Tgt Ion: 94 Resp: 201489

Ion Ratio Lower Upper

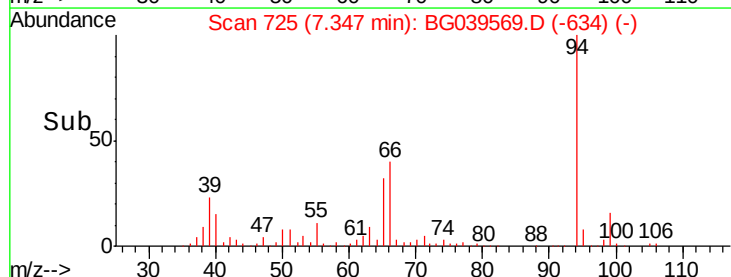
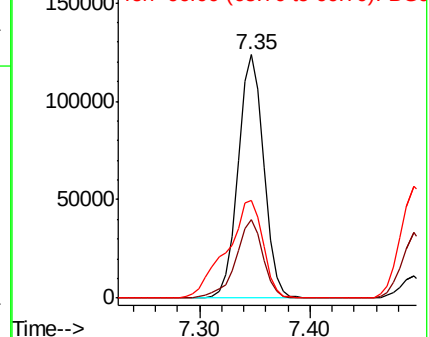
94 100

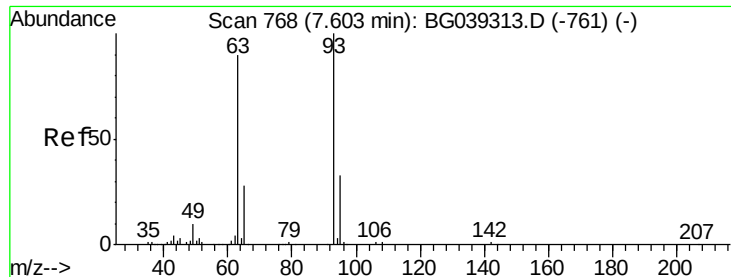
65 32.1 11.7 51.7

66 40.2 23.7 63.7



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: 40.976 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

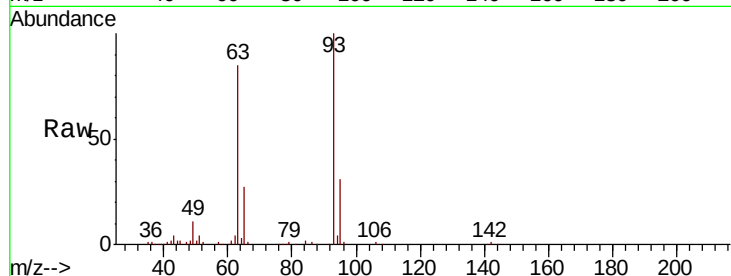
Tgt Ion: 93 Resp: 148200

Ion Ratio Lower Upper

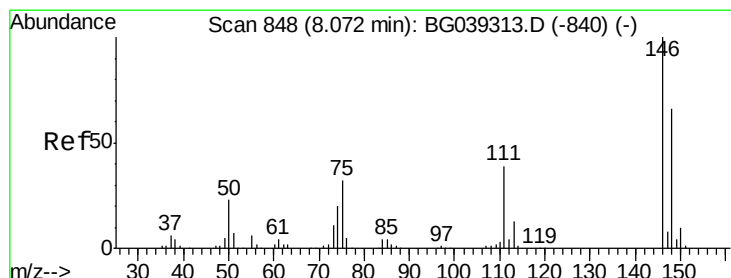
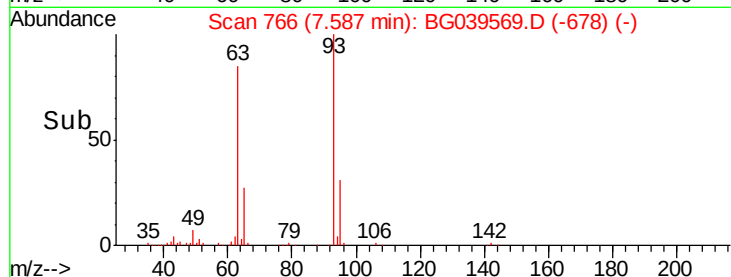
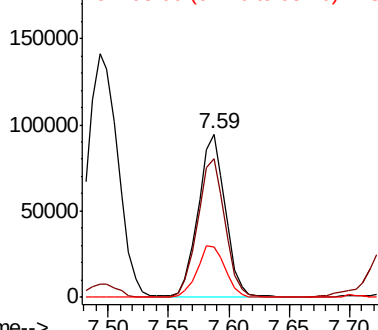
93 100

63 85.5 69.5 109.5

95 30.9 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 40.997 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

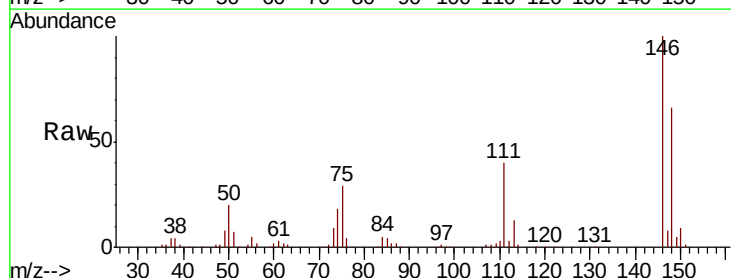
Tgt Ion: 146 Resp: 161942

Ion Ratio Lower Upper

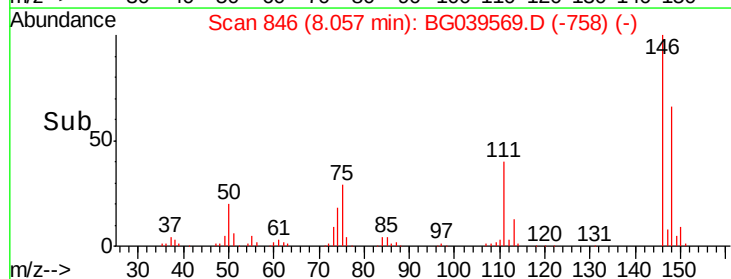
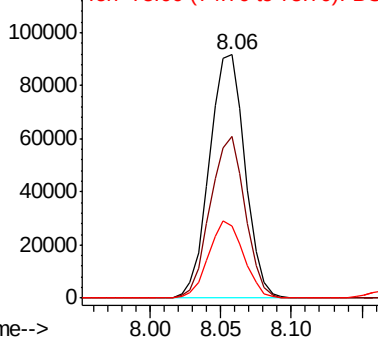
146 100

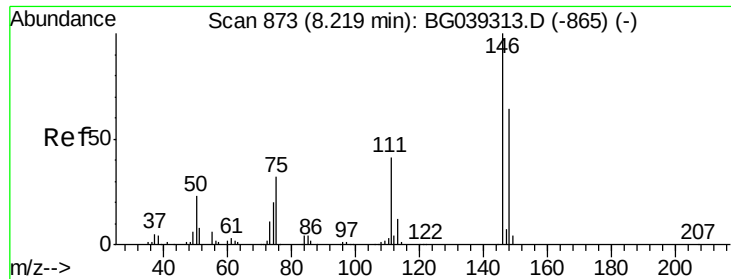
148 66.4 52.6 79.0

75 29.4 25.8 38.6



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

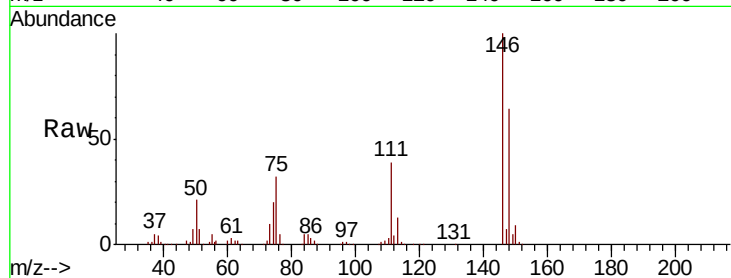




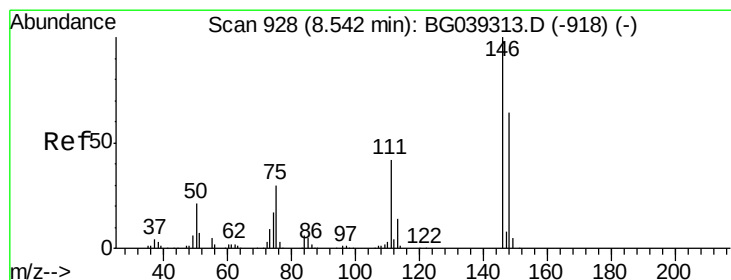
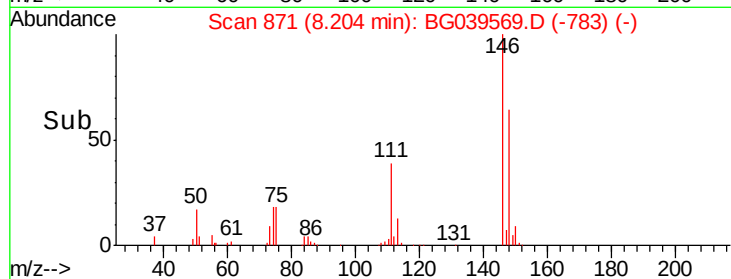
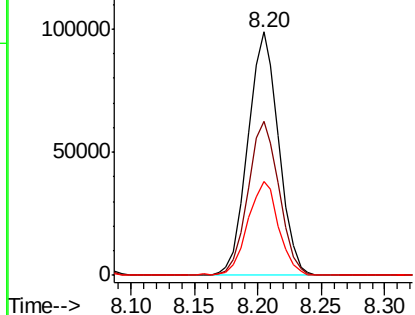
#13
 1,4-Dichlorobenzene
 Concen: 42.240 ng
 RT: 8.20 min Scan# 871
 Delta R.T. -0.02 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

Instrument :
 BNA_G
 ClientSampled :
 PB117221BS

Tgt Ion:146 Resp: 166305
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.1 76.7
 111 38.7 32.6 48.8

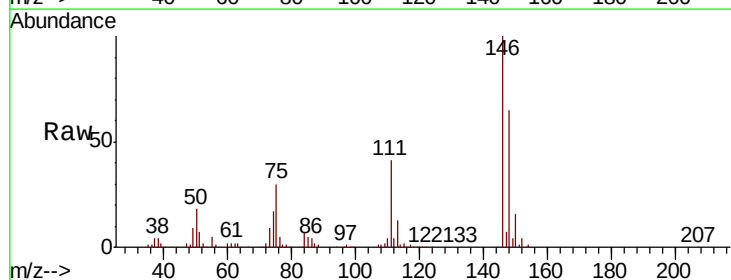


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

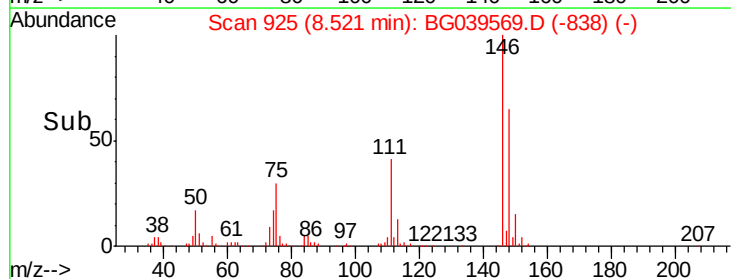
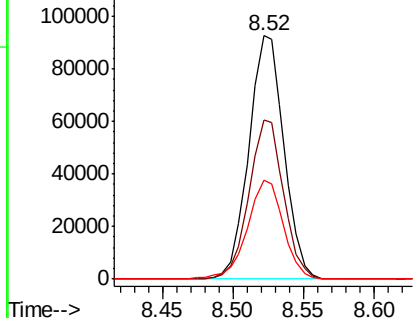


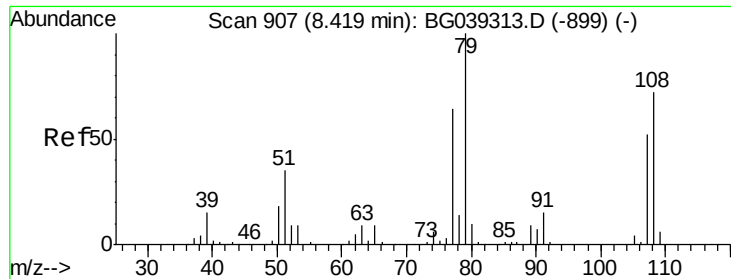
#14
 1,2-Dichlorobenzene
 Concen: 42.268 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

Tgt Ion:146 Resp: 161101
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.5 77.3
 111 40.5 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





#15

Benzyl Alcohol

Concen: 43.355 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

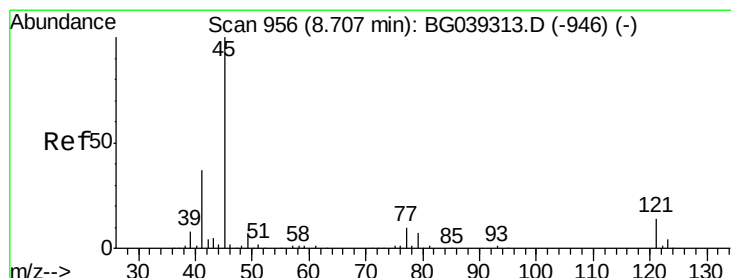
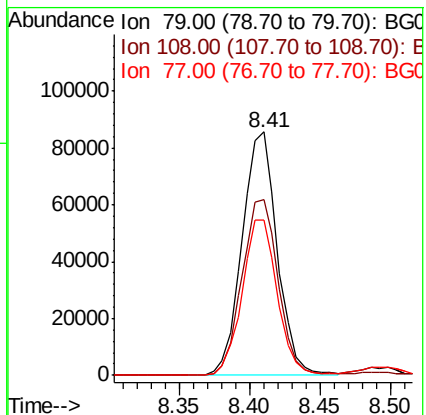
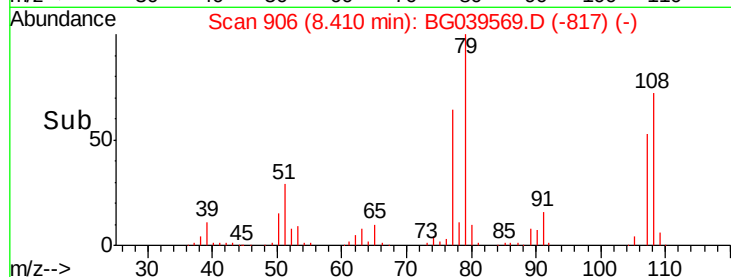
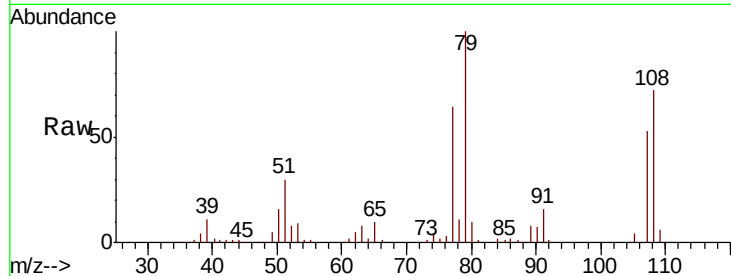
Tgt Ion: 79 Resp: 149454

Ion Ratio Lower Upper

79 100

108 72.1 57.8 86.6

77 63.6 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.459 ng

RT: 8.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

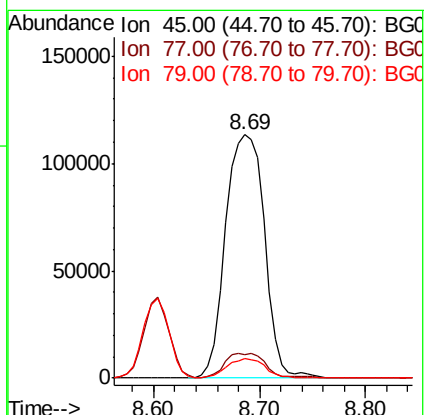
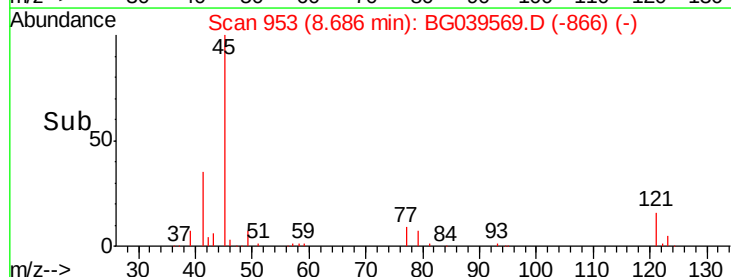
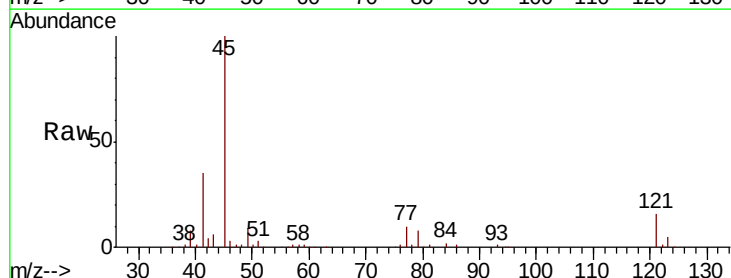
Tgt Ion: 45 Resp: 289616

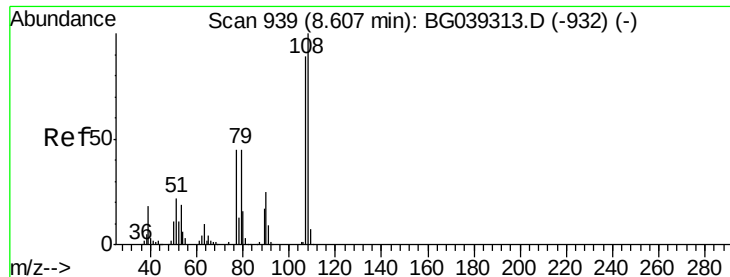
Ion Ratio Lower Upper

45 100

77 9.9 0.0 30.0

79 7.8 0.0 27.5





#17

2-Methylphenol

Concen: 45.148 ng

RT: 8.60 min Scan# 939

Delta R.T. -0.00 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

Tgt Ion:107 Resp: 133729

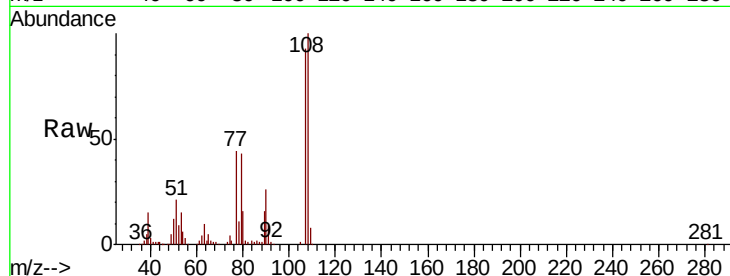
Ion Ratio Lower Upper

107 100

108 107.0 90.8 136.2

77 46.9 40.7 61.1

79 46.4 40.6 60.8

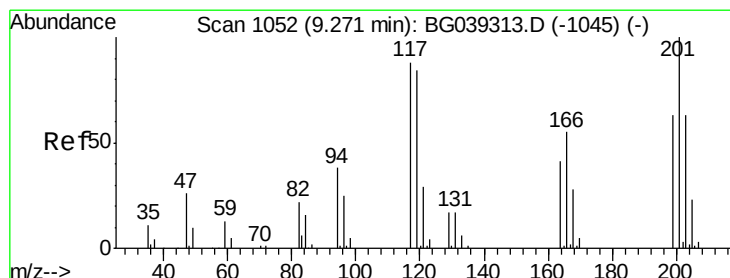
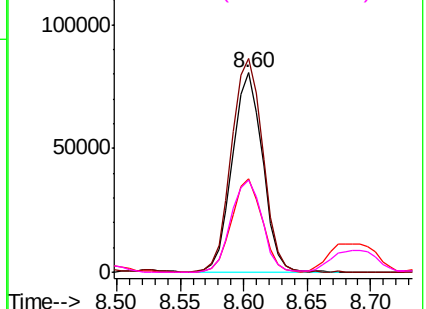
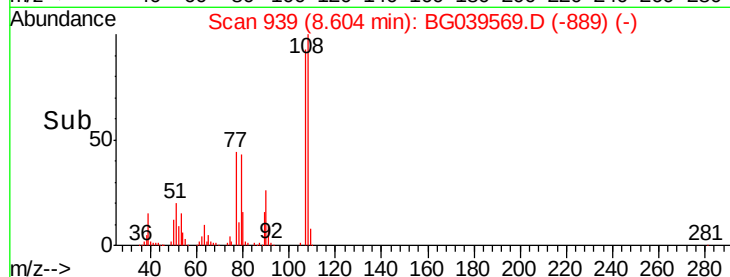


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.729 ng

RT: 9.26 min Scan# 1050

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

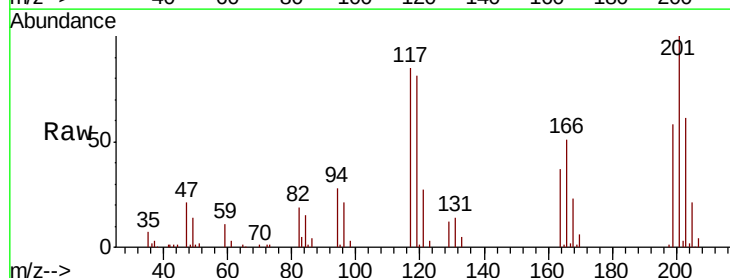
Tgt Ion:117 Resp: 57877

Ion Ratio Lower Upper

117 100

119 94.8 76.3 114.5

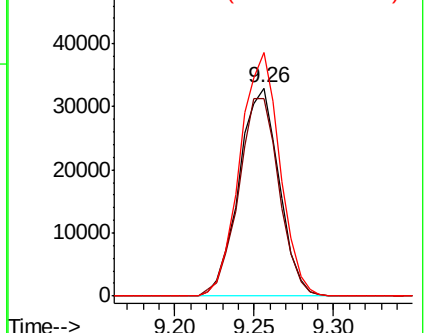
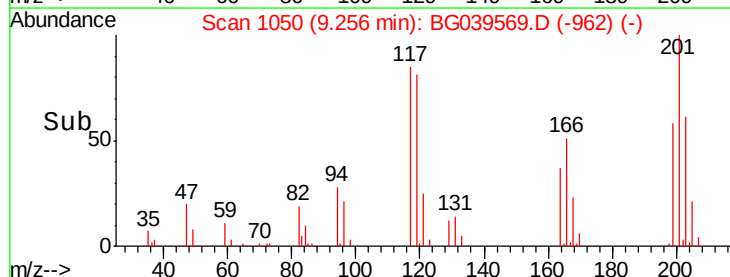
201 117.2 91.1 136.7

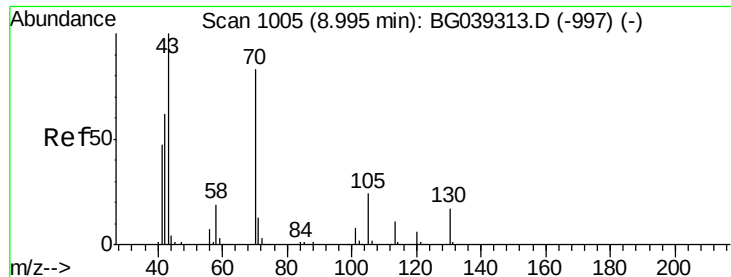


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

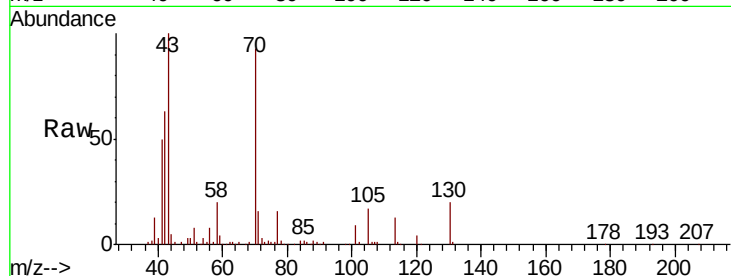




#19
n-Nitroso-di-n-propylamine
Concen: 40.655 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tgt Ion:	70	Resp:	126700
Ion	Ratio	Lower	Upper
70	100		
42	67.7	60.4	90.6
101	9.7	7.5	11.3
130	21.6	16.9	25.3



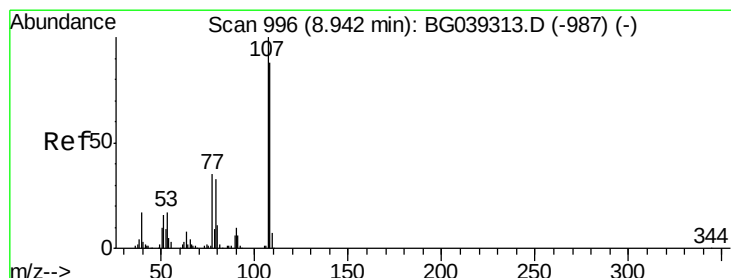
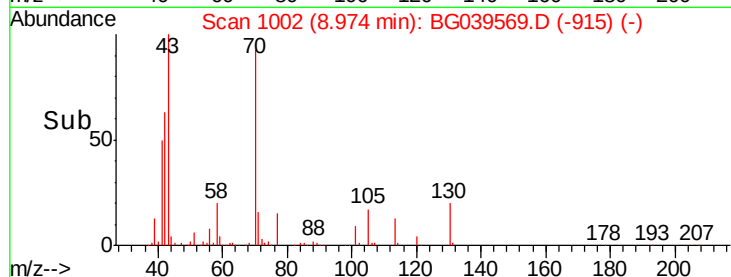
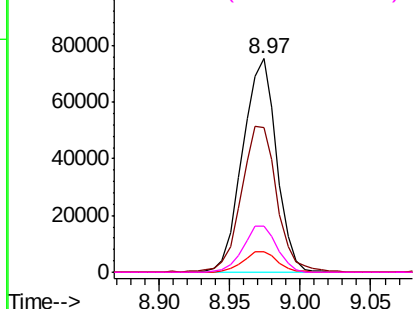
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

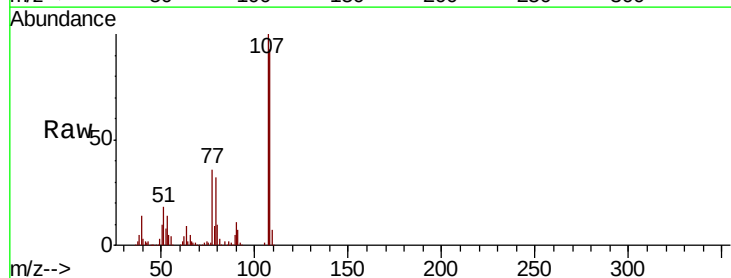
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 45.821 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion:	107	Resp:	186897
Ion	Ratio	Lower	Upper
107	100		
108	92.9	67.9	107.9
77	36.0	15.4	55.4
79	31.5	13.7	53.7



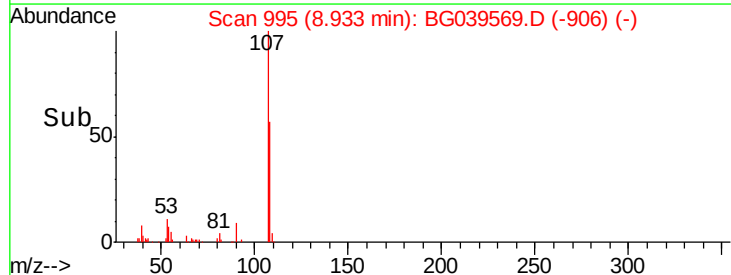
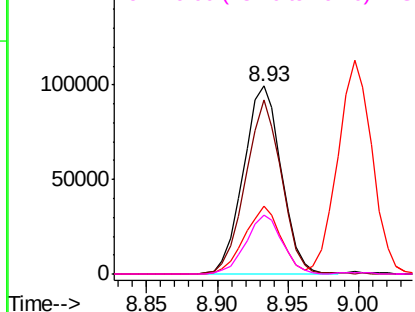
Abundance

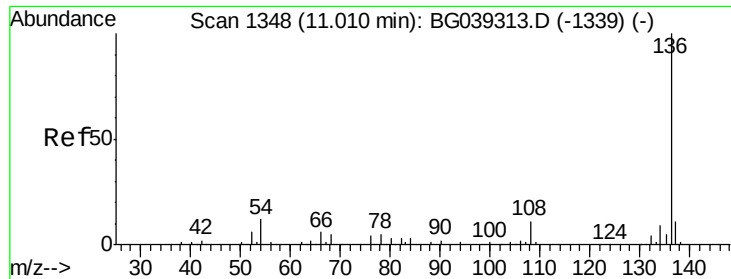
Ion 107.00 (106.70 to 107.70): BGC

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

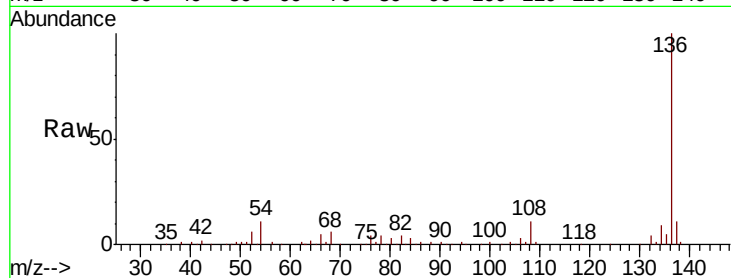




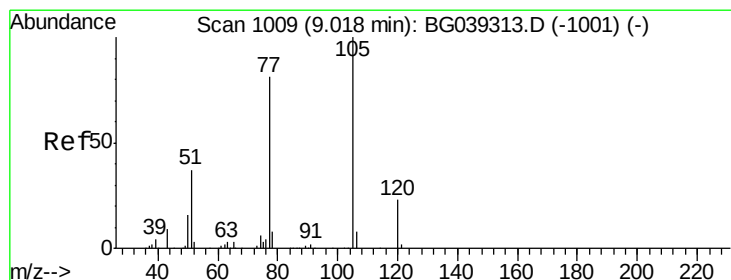
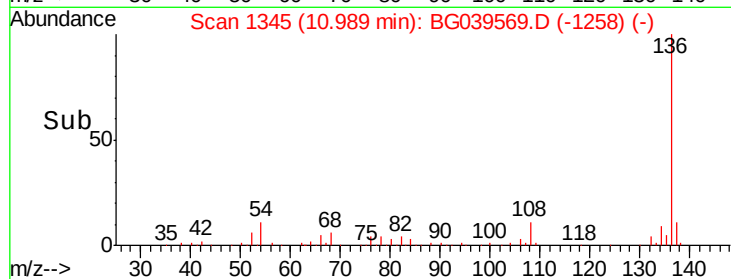
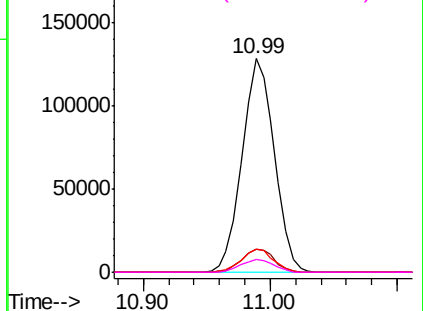
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tgt Ion:	136	Resp:	225504
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	10.8	9.4	14.2
68	6.2	4.2	6.4

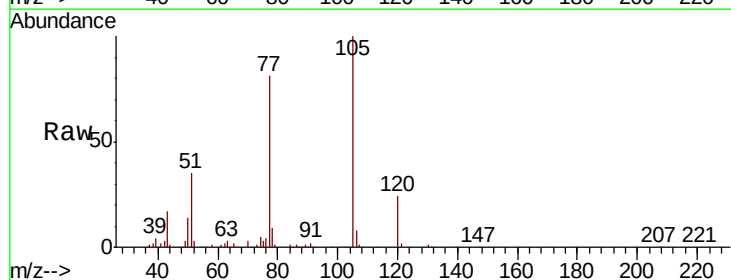


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

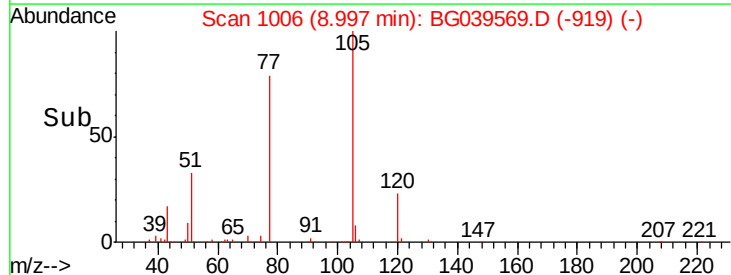
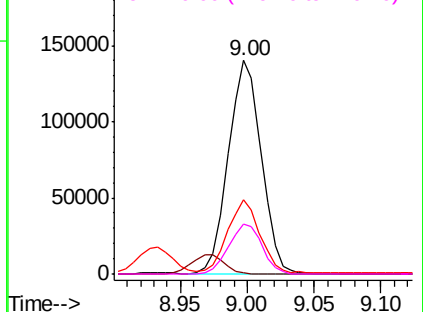


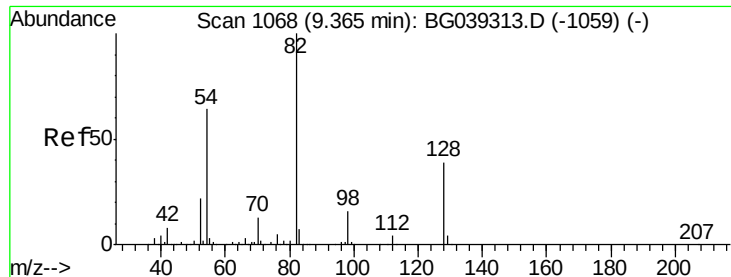
#22
Acetophenone
Concen: 39.919 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion:	105	Resp:	241808
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.8	1.2#
51	34.6	30.2	45.2
120	23.5	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
200000
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

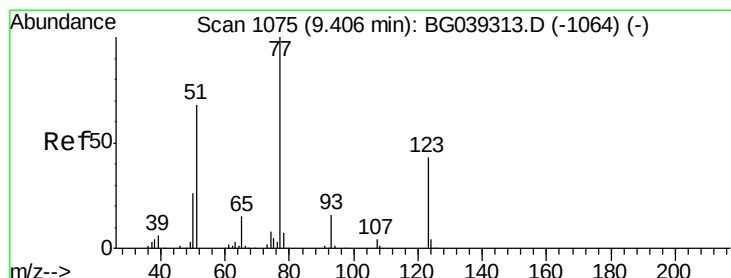
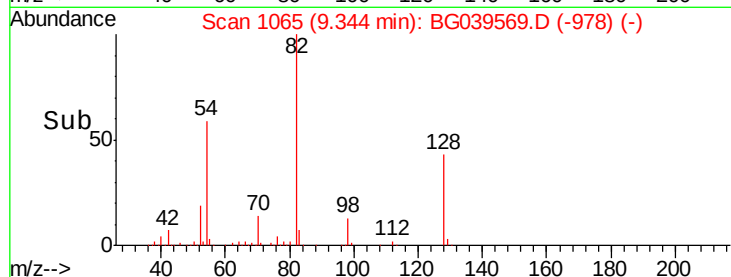
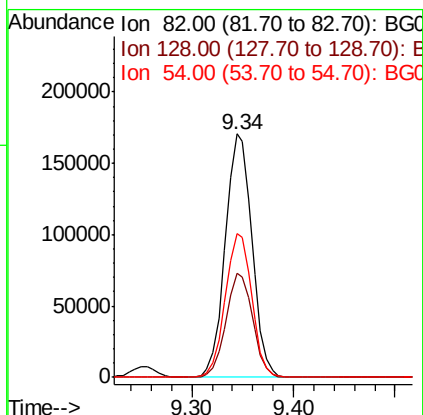
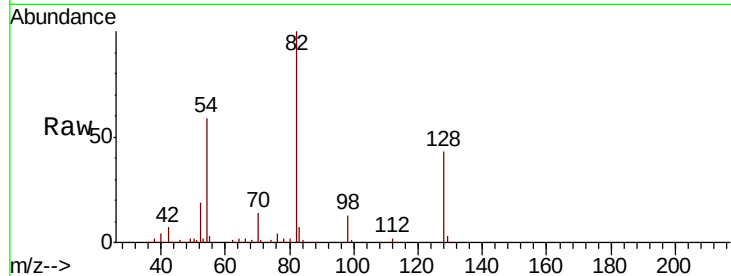




#23
 Nitrobenzene-d5
 Concen: 86.348 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

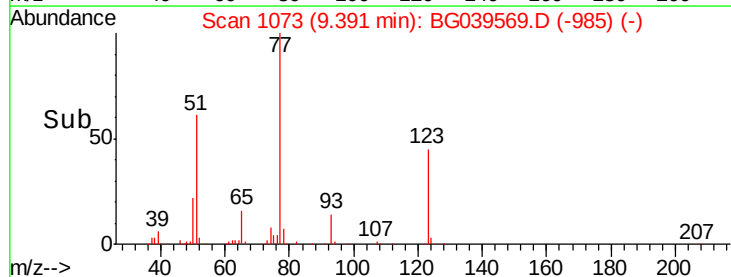
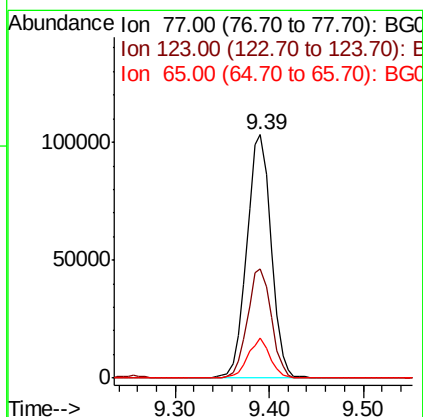
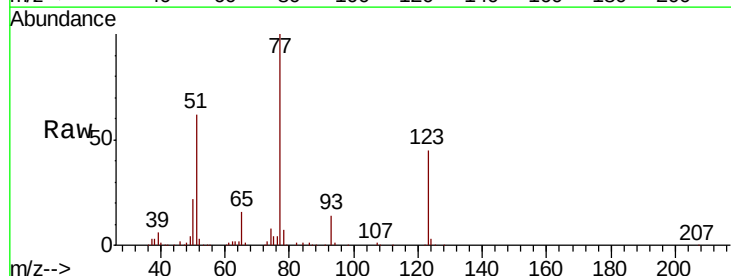
Instrument :
 BNA_G
 ClientSampleId :
 PB117221BS

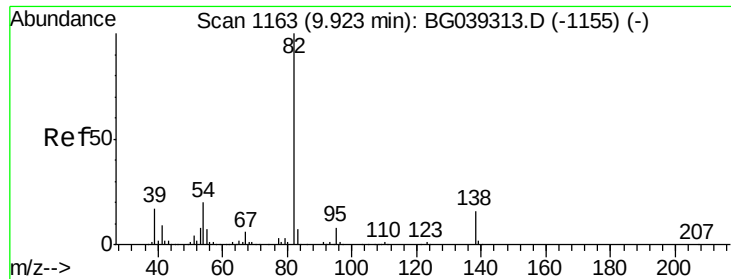
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.3	46.9
54	59.2	50.9	76.3



#24
 Nitrobenzene
 Concen: 47.457 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	34.1	51.1
65	16.2	12.3	18.5





#25

Isophorone

Concen: 45.357 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

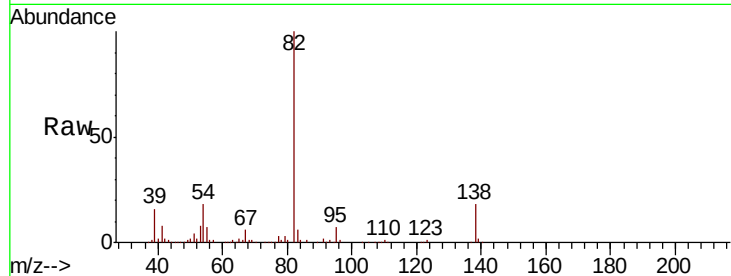
Tgt Ion: 82 Resp: 362811

Ion Ratio Lower Upper

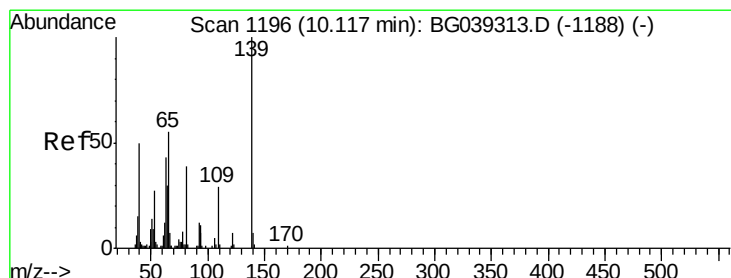
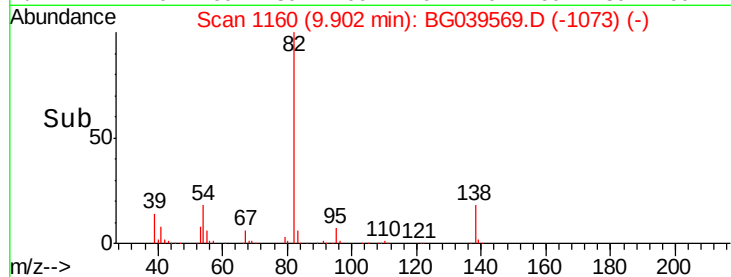
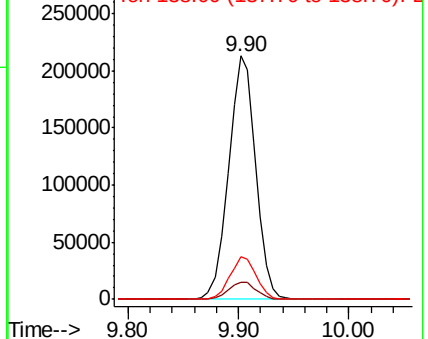
82 100

95 6.8 6.2 9.2

138 17.6 13.0 19.4



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: 58.048 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

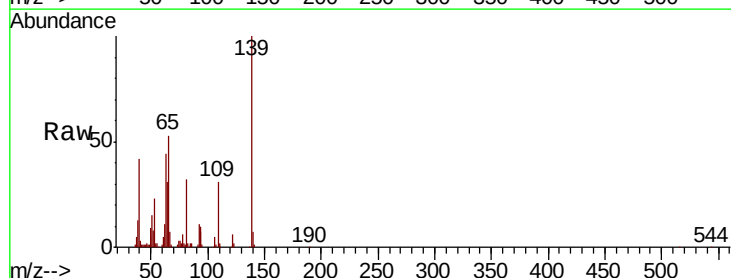
Tgt Ion: 139 Resp: 94736

Ion Ratio Lower Upper

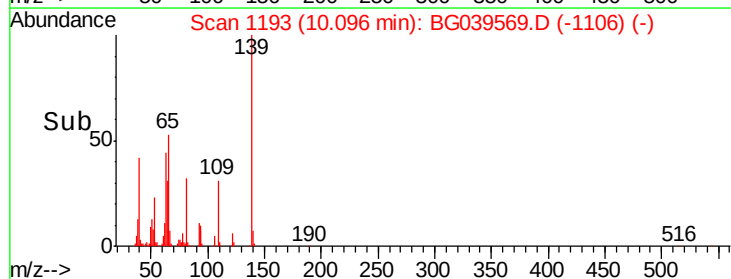
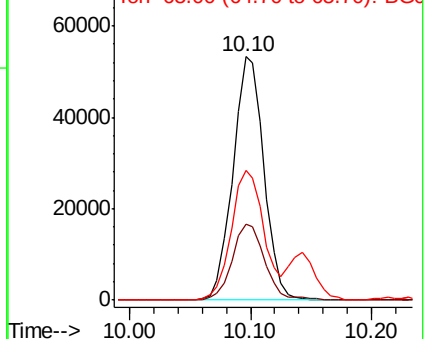
139 100

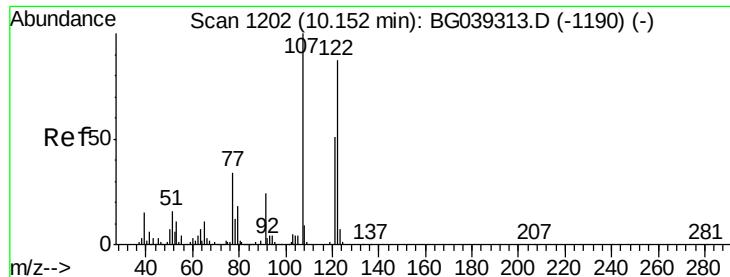
109 31.3 23.4 35.0

65 53.3 44.3 66.5



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

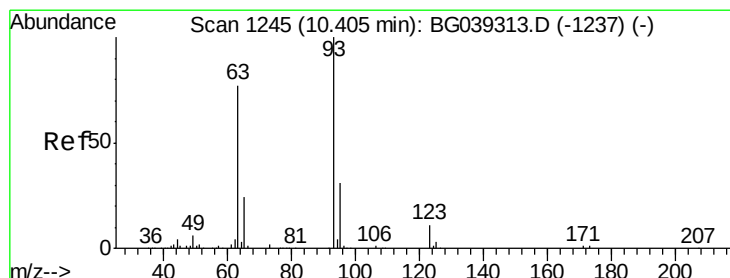
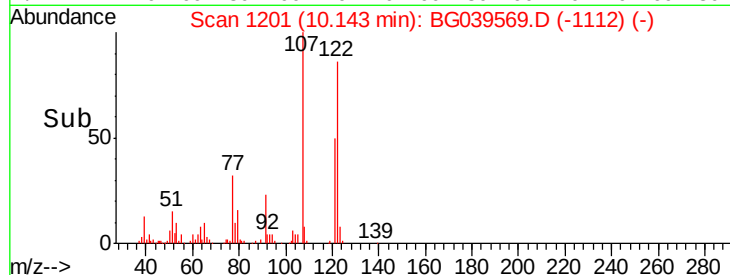
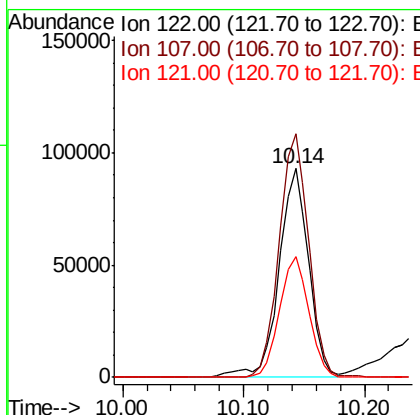
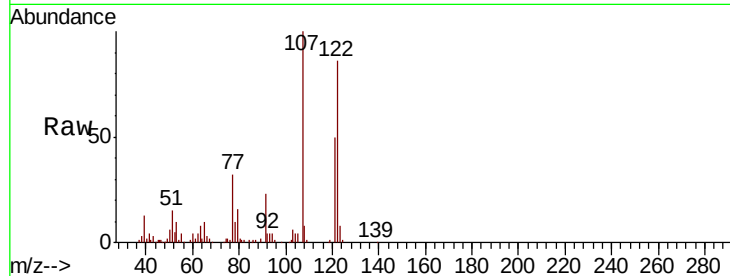




#27
2,4-Dimethylphenol
Concen: 48.565 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

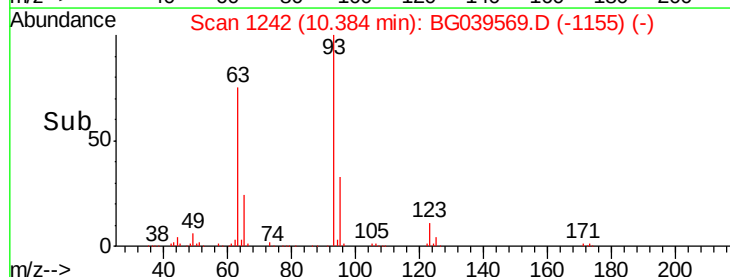
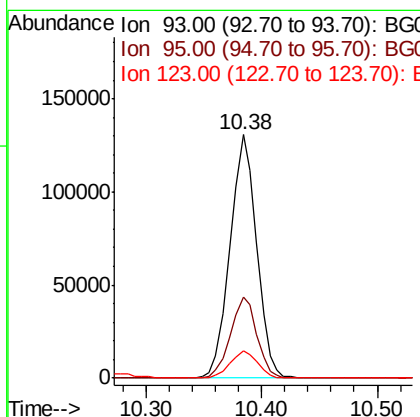
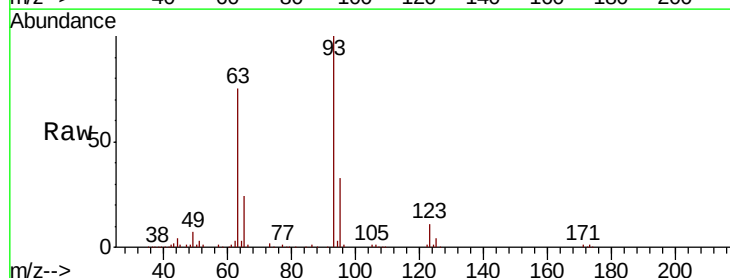
Instrument :
BNA_G
ClientSampleId :
PB117221BS

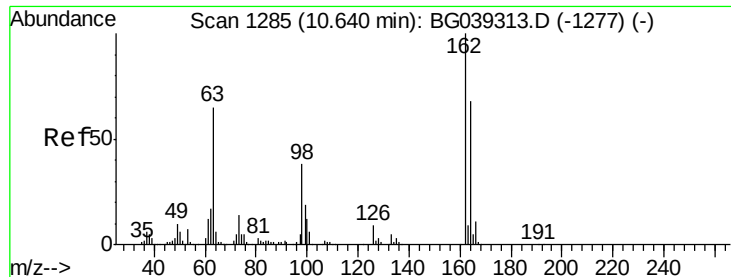
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.5	91.7	137.5
121	57.9	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.249 ng
RT: 10.38 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.0	37.4
123	11.2	8.6	12.8

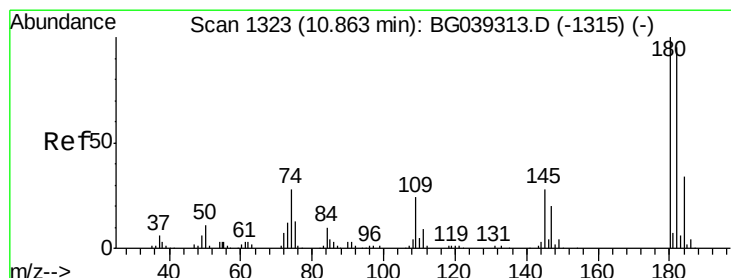
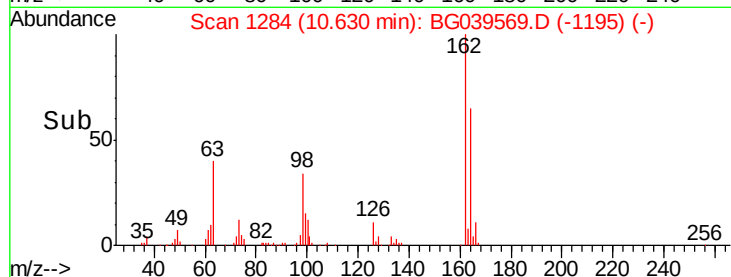
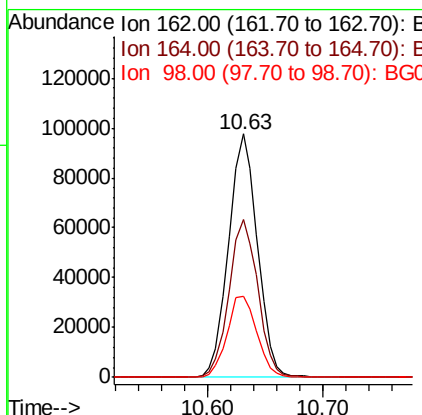
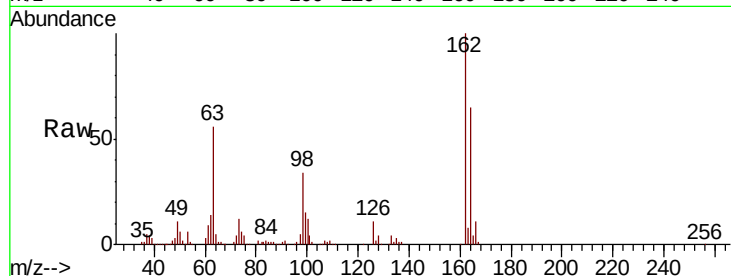




#29
 2,4-Dichlorophenol
 Concen: 47.790 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

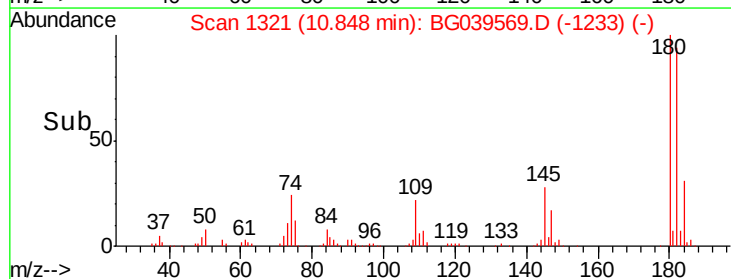
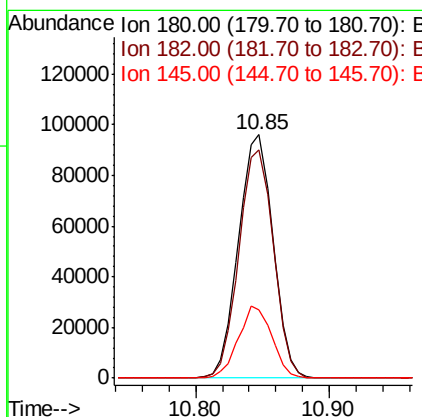
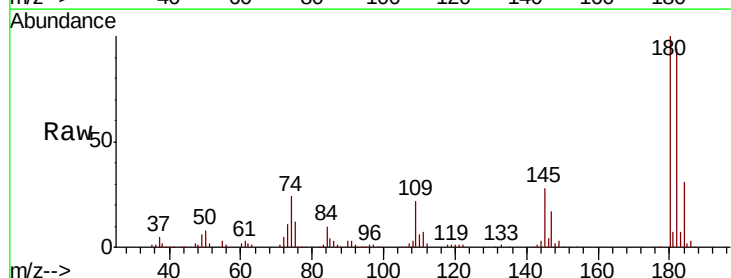
Instrument :
 BNA_G
 ClientSampleId :
 PB117221BS

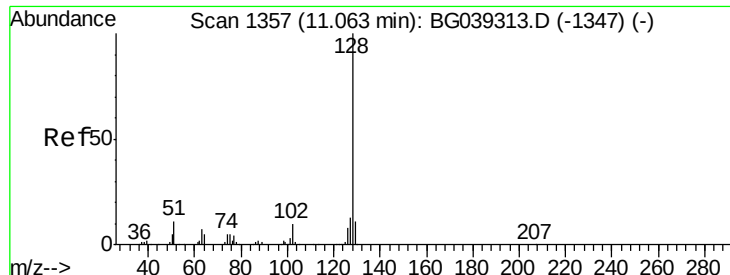
Tgt Ion:162 Resp: 169010
 Ion Ratio Lower Upper
 162 100
 164 64.8 48.1 88.1
 98 33.5 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.289 ng
 RT: 10.85 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

Tgt Ion:180 Resp: 171877
 Ion Ratio Lower Upper
 180 100
 182 93.7 76.0 114.0
 145 28.0 22.7 34.1

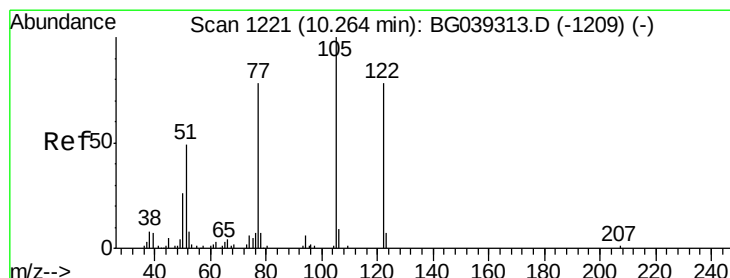
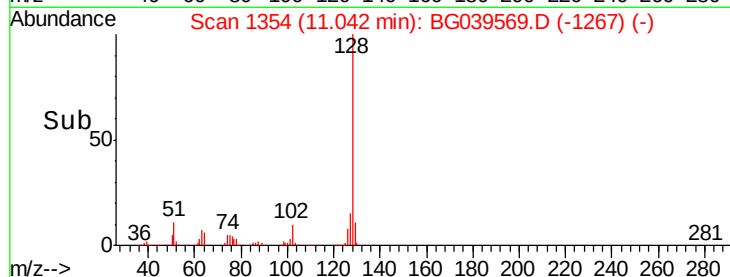
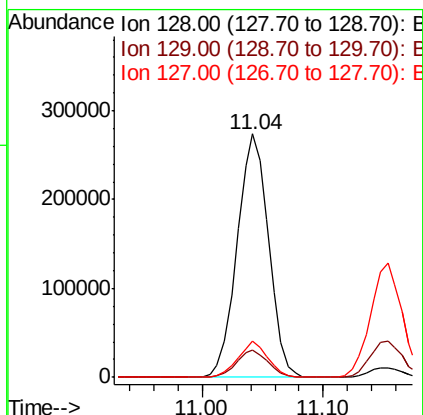
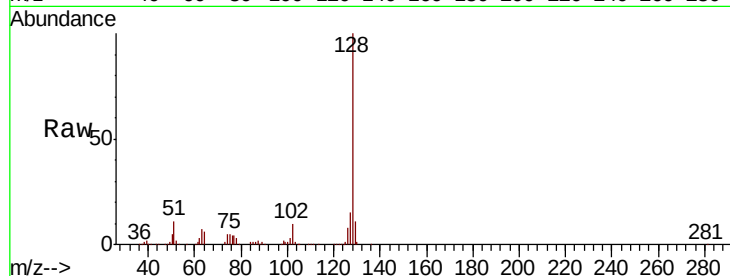




#31
Naphthalene
Concen: 44.284 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

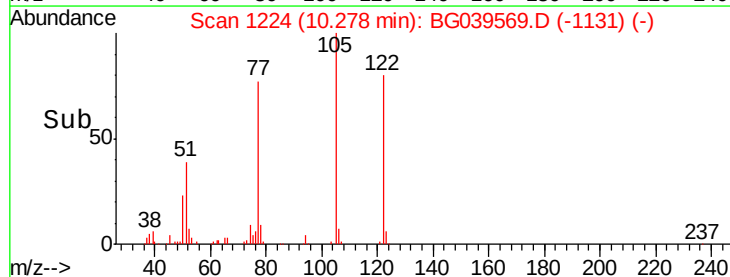
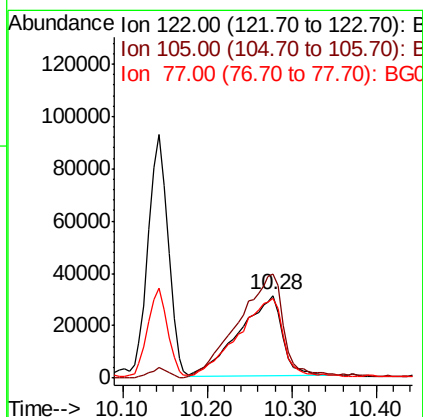
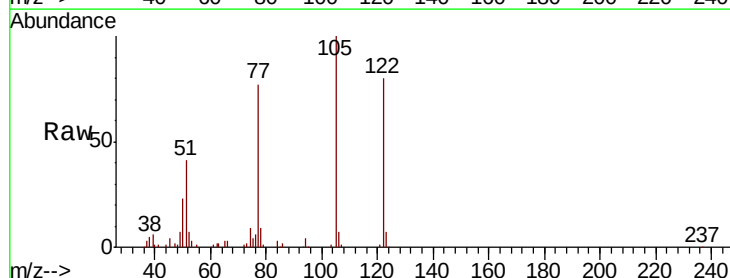
Instrument :
BNA_G
ClientSampleId :
PB117221BS

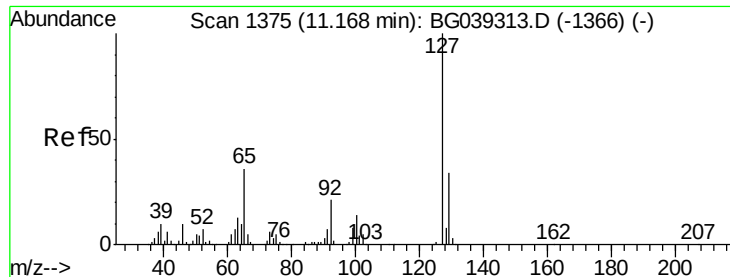
Tgt Ion:128 Resp: 495413
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 15.1 10.8 16.2



#32
Benzoic acid
Concen: 51.627 ng
RT: 10.28 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion:122 Resp: 111172
Ion Ratio Lower Upper
122 100
105 125.6 101.8 141.8
77 96.2 76.3 116.3

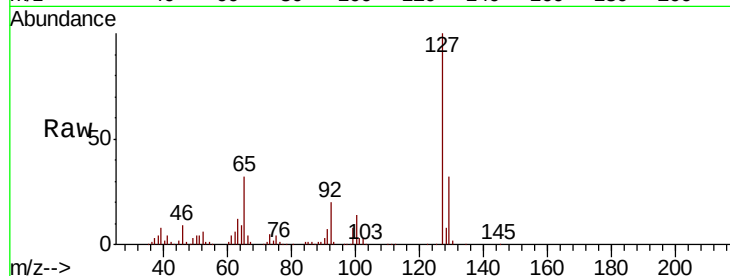




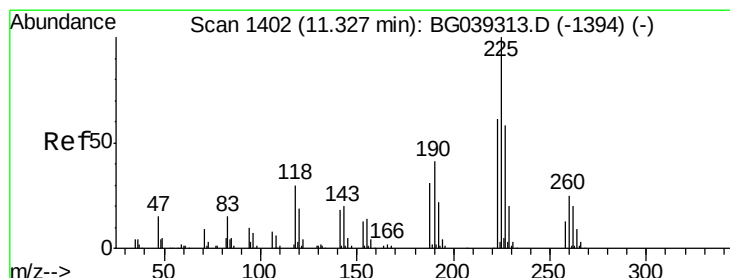
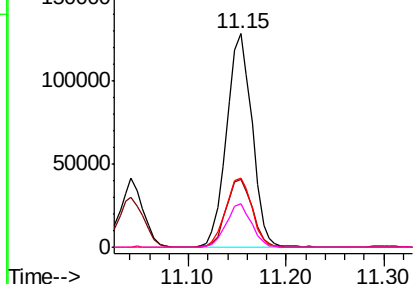
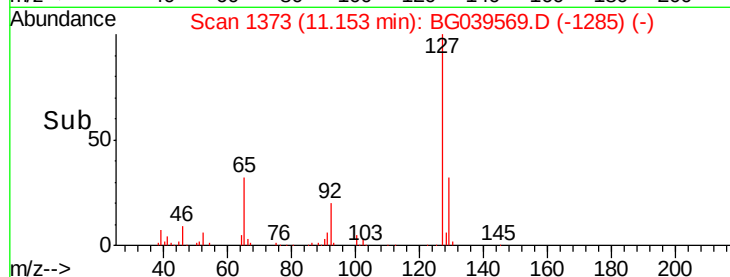
#33
4-Chloroaniline
Concen: 44.971 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tgt Ion:	127	Resp:	233270
Ion	Ratio	Lower	Upper
127	100		
129	31.6	27.0	40.4
65	32.5	28.8	43.2
92	20.3	16.6	25.0

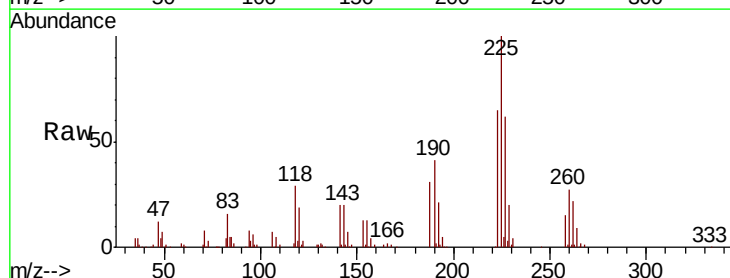


Abundance Ion 127.00 (126.70 to 127.70): E
200000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

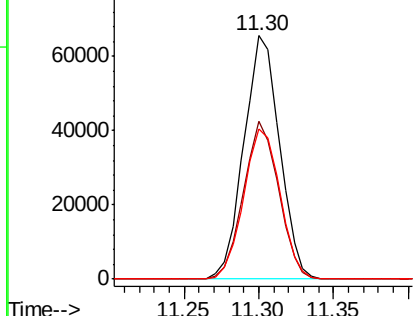
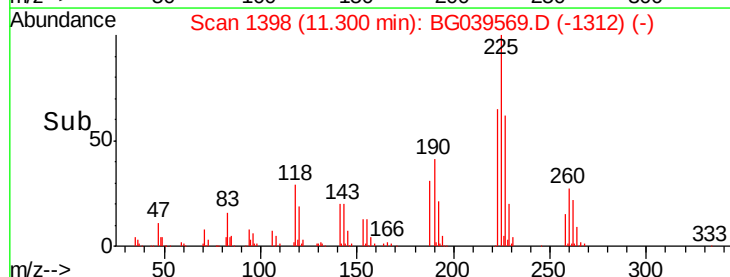


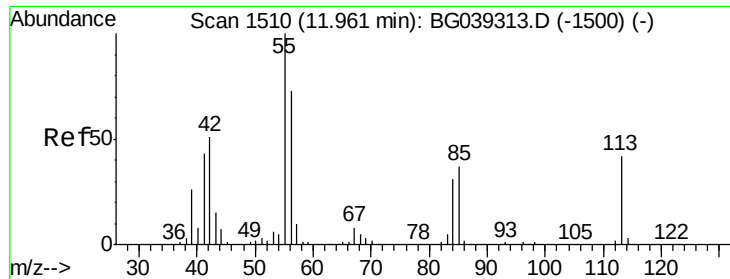
#34
Hexachlorobutadiene
Concen: 41.105 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion:	225	Resp:	108538
Ion	Ratio	Lower	Upper
225	100		
223	64.6	49.0	73.6
227	61.9	46.3	69.5



Abundance Ion 225.00 (224.70 to 225.70): E
80000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.552 ng

RT: 11.94 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

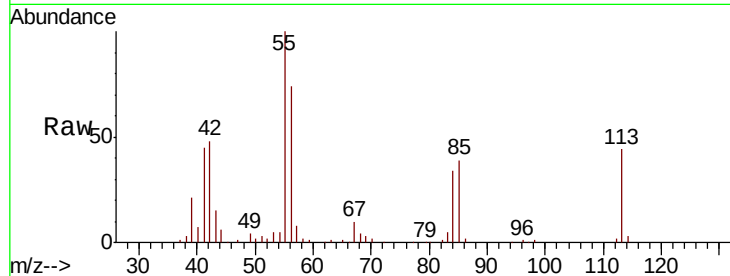
Tgt Ion:113 Resp: 49102

Ion Ratio Lower Upper

113 100

55 227.1 216.9 256.9

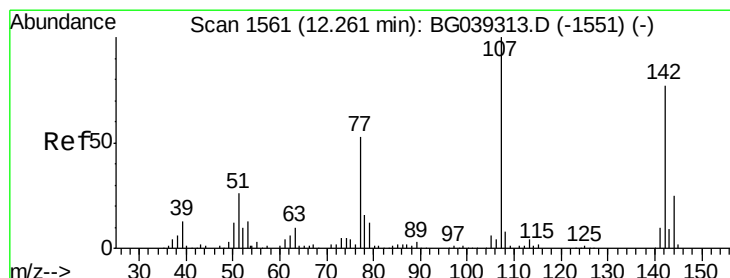
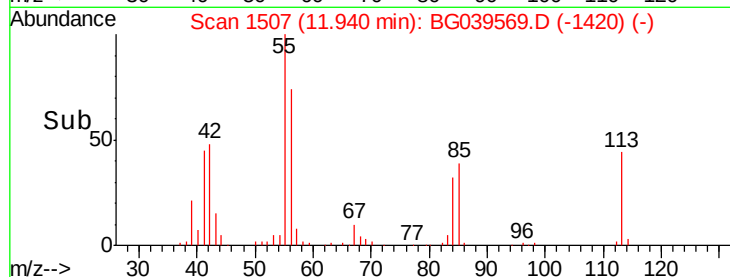
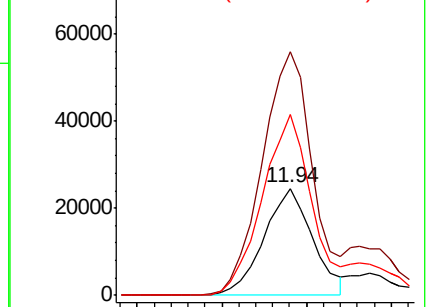
56 168.5 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 46.084 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

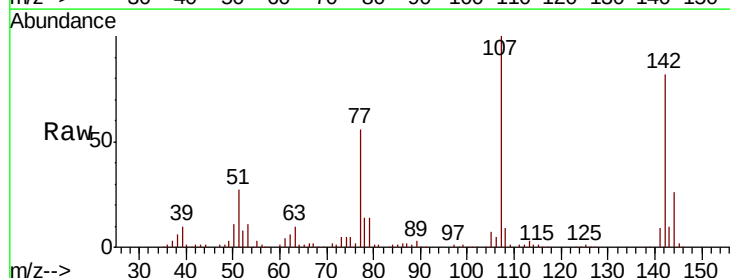
Tgt Ion:107 Resp: 188485

Ion Ratio Lower Upper

107 100

144 25.8 20.2 30.2

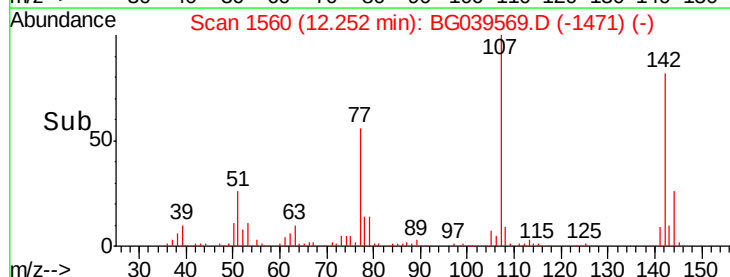
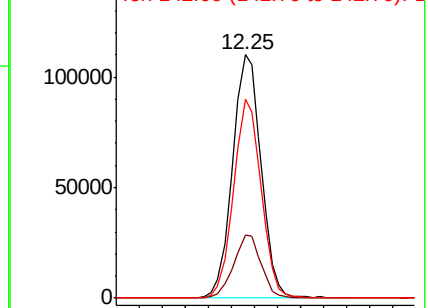
142 81.6 61.4 92.2

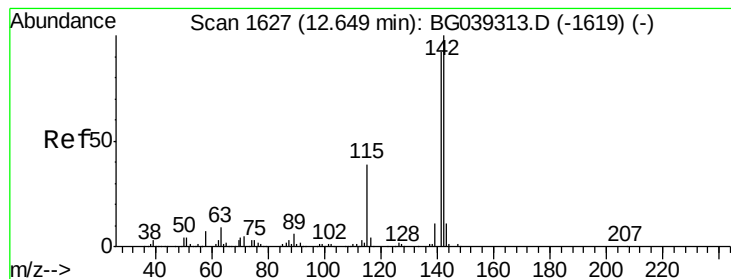


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.121 ng

RT: 12.63 min Scan# 1625

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

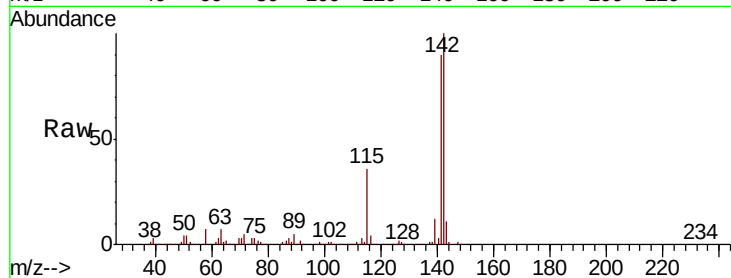
Tgt Ion:142 Resp: 382151

Ion Ratio Lower Upper

142 100

141 89.6 73.5 110.3

115 36.2 30.8 46.2

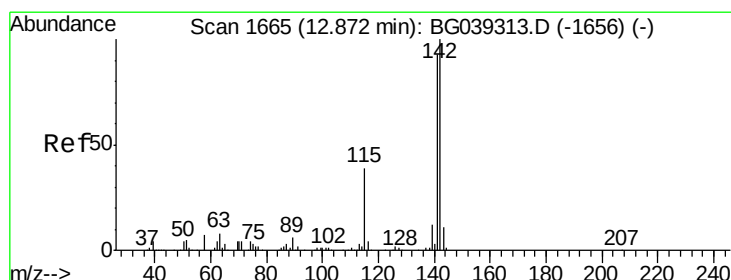
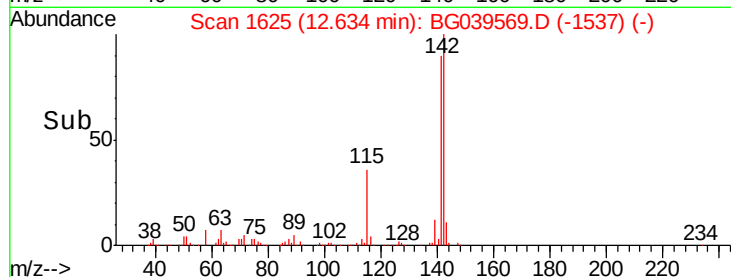
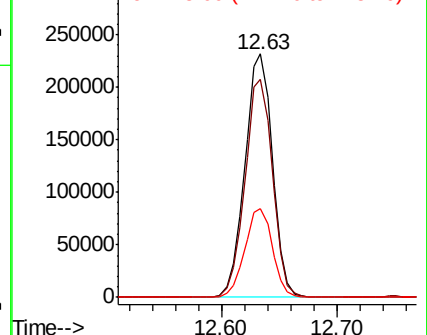


Abundance

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

1-Methylnaphthalene

Concen: 45.452 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

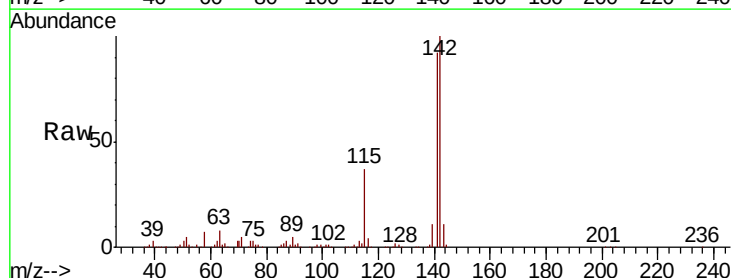
Tgt Ion:142 Resp: 363028

Ion Ratio Lower Upper

142 100

141 92.0 74.2 111.4

116 4.4 3.0 4.6

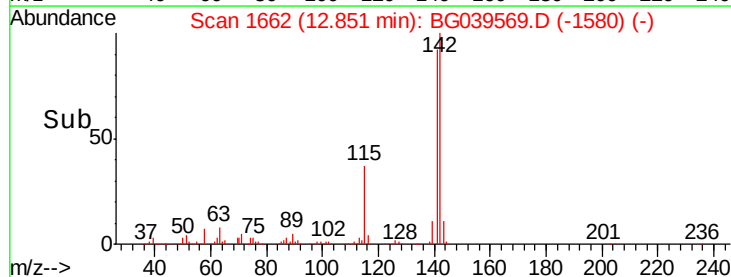
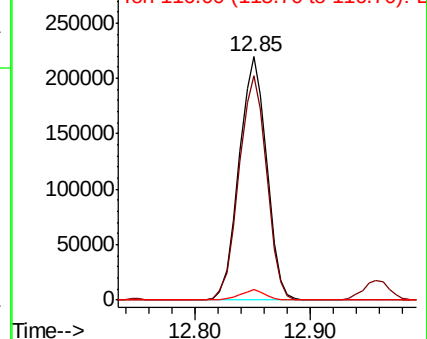


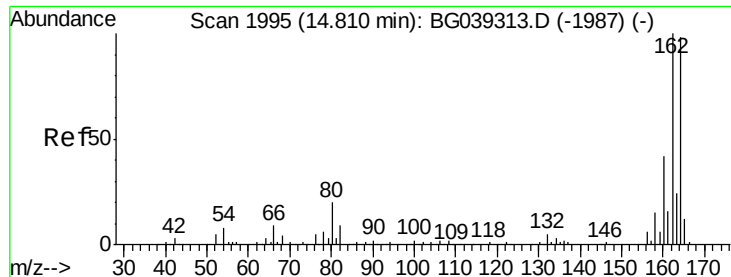
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

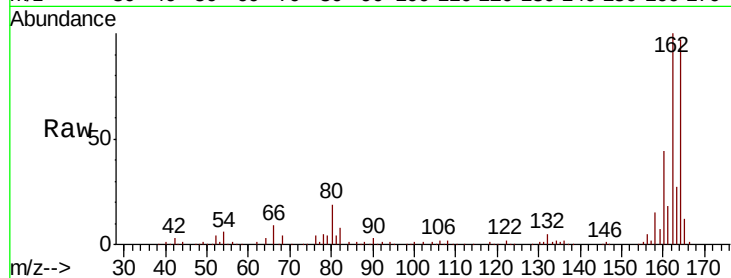
Tgt Ion:164 Resp: 152051

Ion Ratio Lower Upper

164 100

162 102.7 81.6 122.4

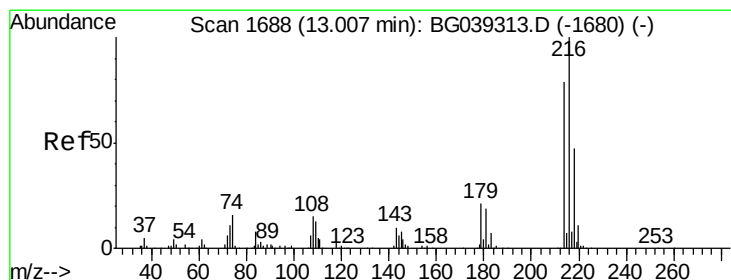
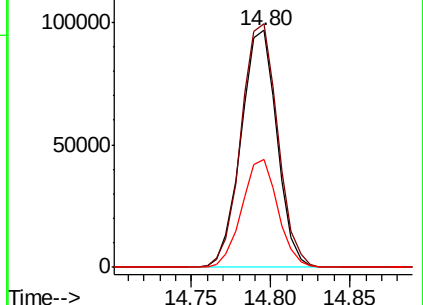
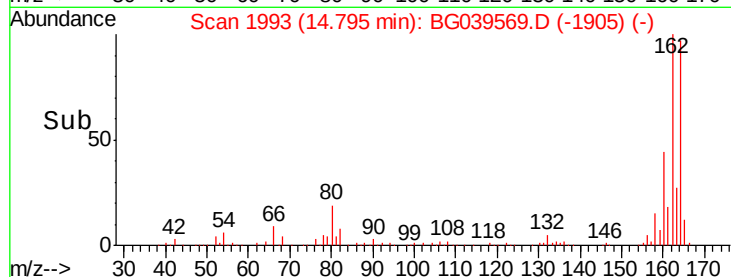
160 45.3 34.2 51.2



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.947 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Tgt Ion:216 Resp: 207772

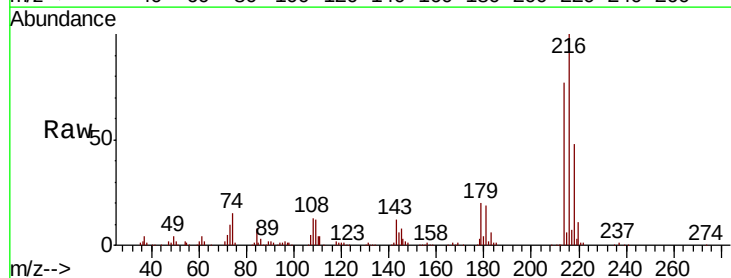
Ion Ratio Lower Upper

216 100

214 78.8 62.6 94.0

179 20.6 16.6 25.0

108 17.8 14.0 21.0

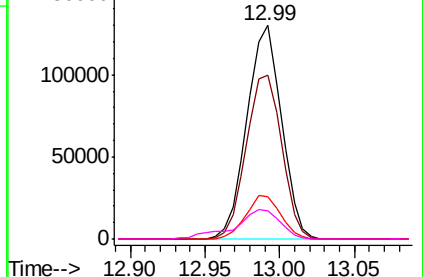
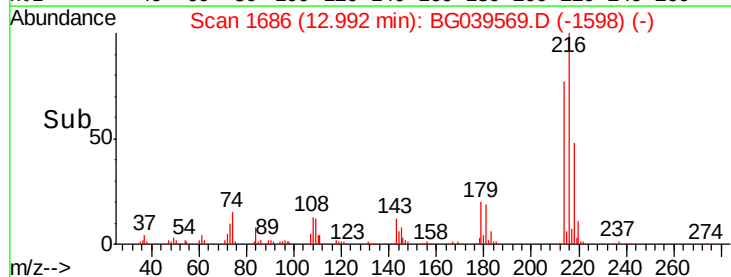


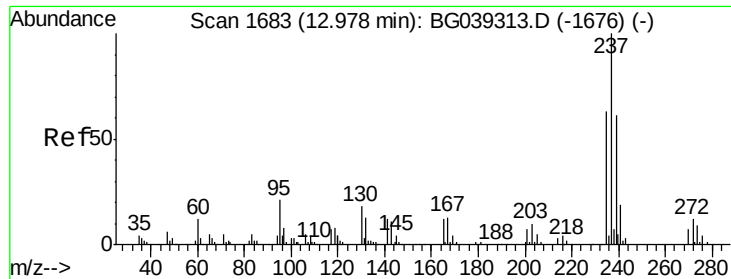
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 98.214 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

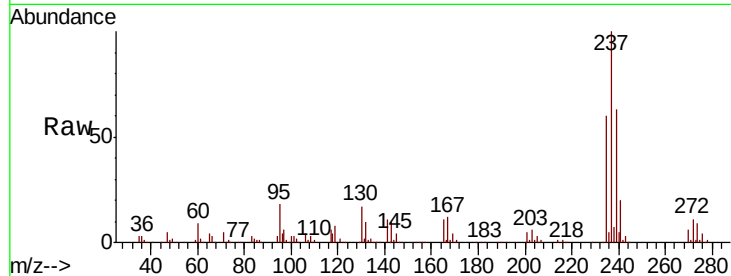
Tgt Ion: 237 Resp: 258912

Ion Ratio Lower Upper

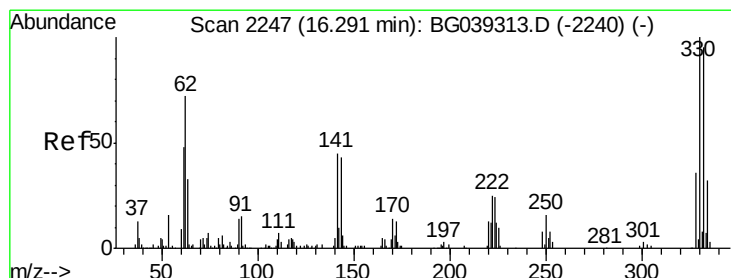
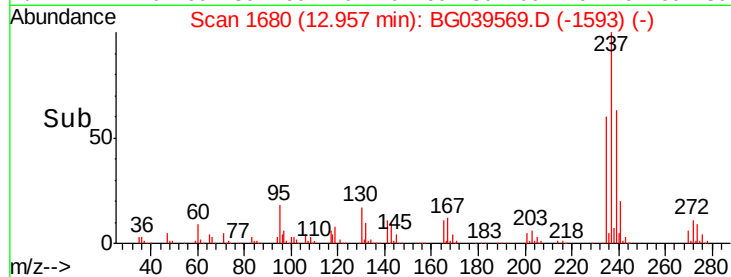
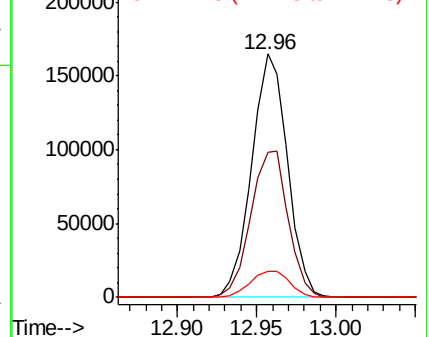
237 100

235 59.7 43.3 83.3

272 10.9 0.0 32.3



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



#42

2,4,6-Tribromophenol

Concen: 167.843 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

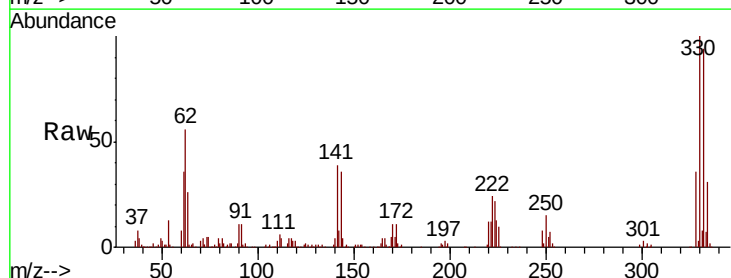
Tgt Ion: 330 Resp: 274814

Ion Ratio Lower Upper

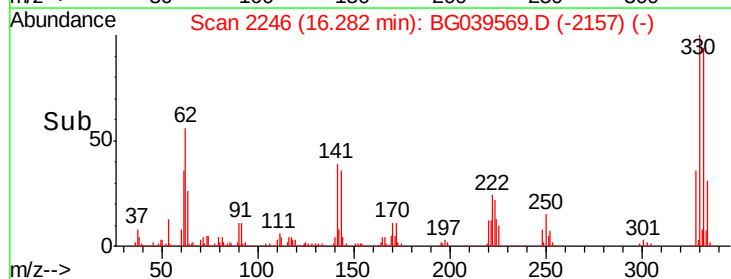
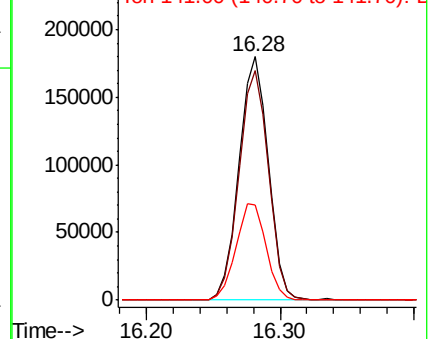
330 100

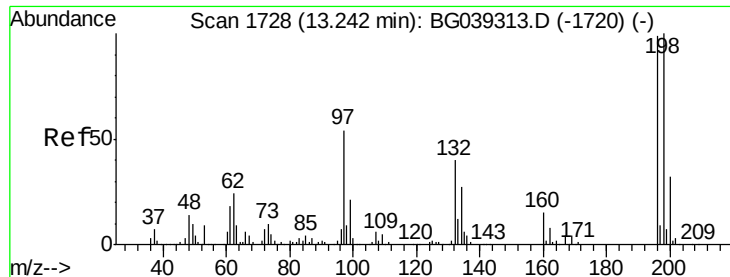
332 94.9 75.7 113.5

141 40.7 35.6 53.4



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

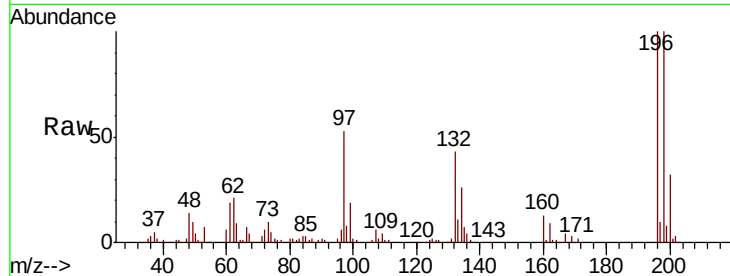




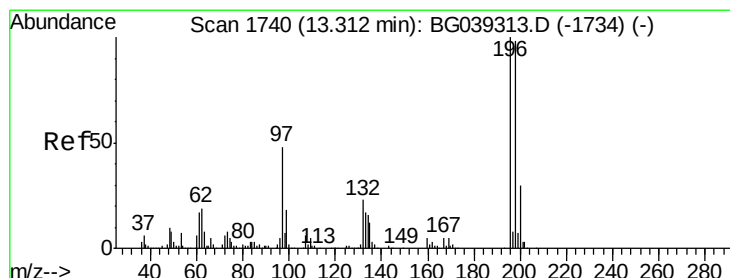
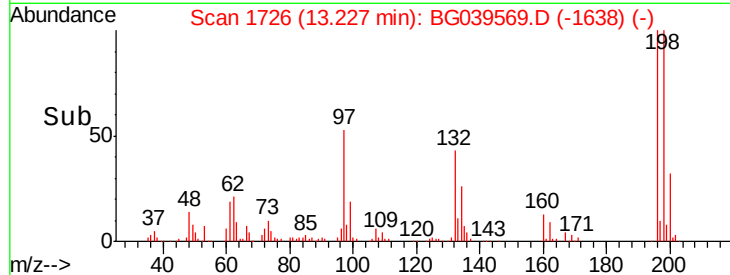
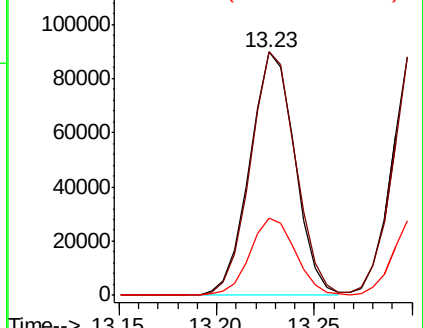
#43
 2,4,6-Trichlorophenol
 Concen: 48.172 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.02 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

Instrument :
 BNA_G
 ClientSampleId :
 PB117221BS

Tgt Ion:196 Resp: 143290
 Ion Ratio Lower Upper
 196 100
 198 100.1 80.6 121.0
 200 32.0 26.1 39.1

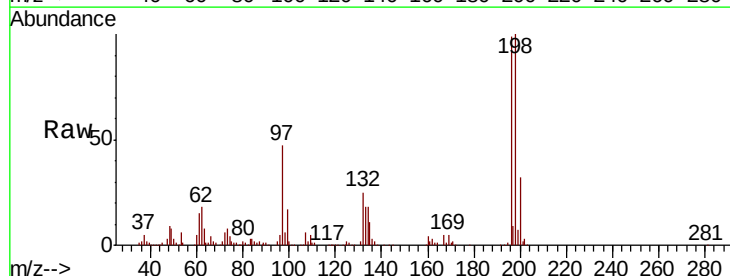


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

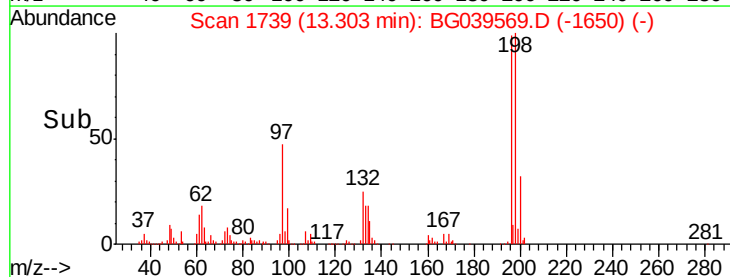
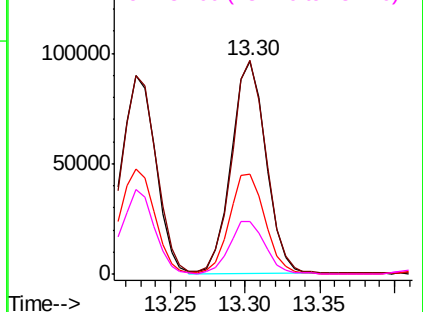


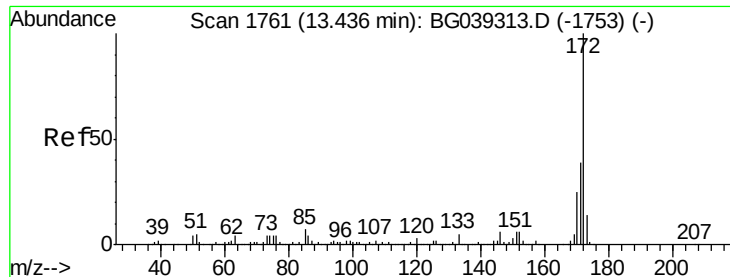
#44
 2,4,5-Trichlorophenol
 Concen: 49.881 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

Tgt Ion:196 Resp: 155507
 Ion Ratio Lower Upper
 196 100
 198 100.5 78.5 117.7
 97 46.9 38.4 57.6
 132 24.7 19.2 28.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

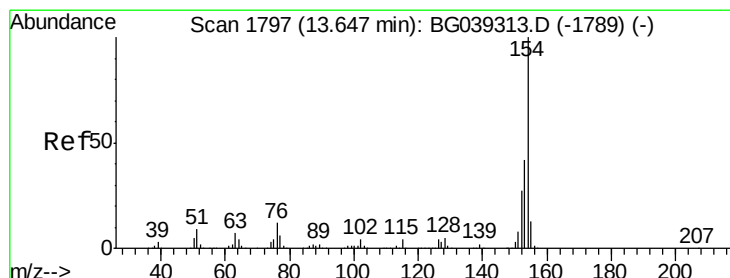
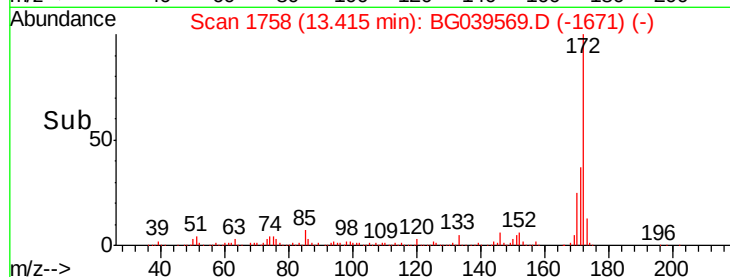
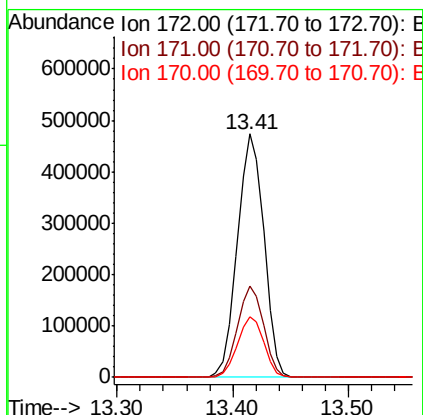
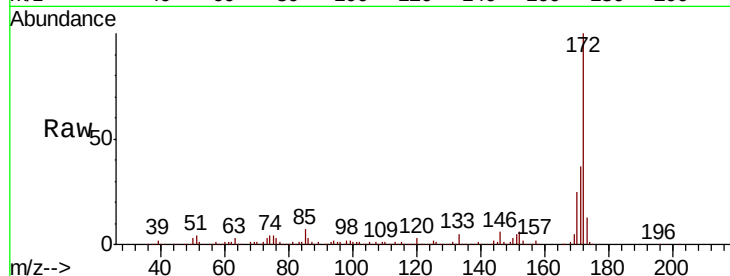




#45
2-Fluorobiphenyl
Concen: 71.012 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

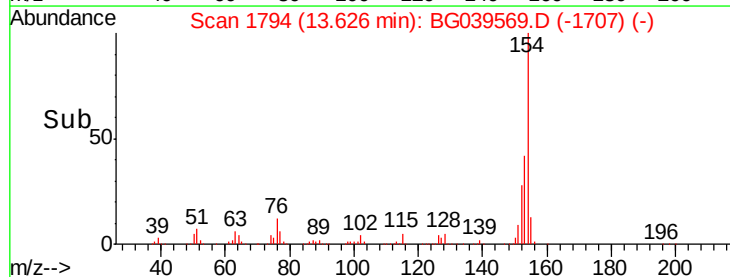
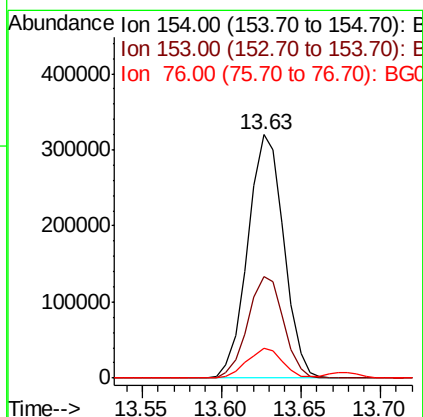
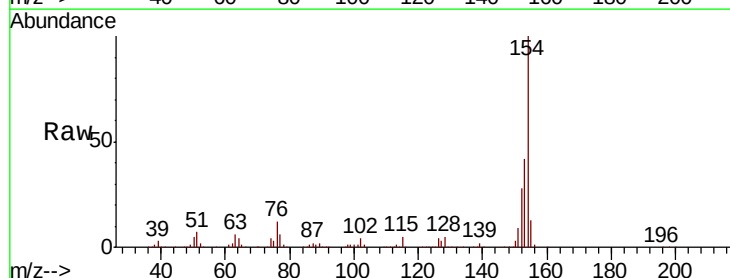
Instrument :
BNA_G
ClientSampleId :
PB117221BS

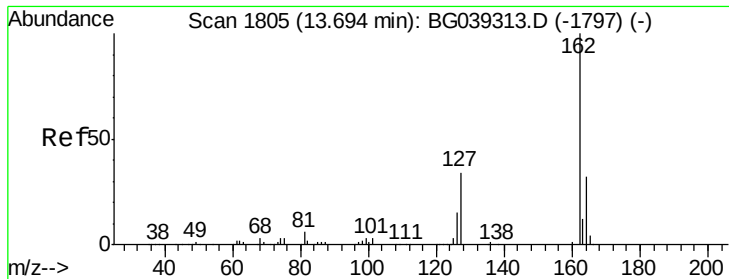
Tgt Ion:172 Resp: 752672
Ion Ratio Lower Upper
172 100
171 37.4 30.8 46.2
170 24.8 20.2 30.4



#46
1,1'-Biphenyl
Concen: 39.798 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion:154 Resp: 503489
Ion Ratio Lower Upper
154 100
153 41.8 22.1 62.1
76 12.4 0.0 32.4

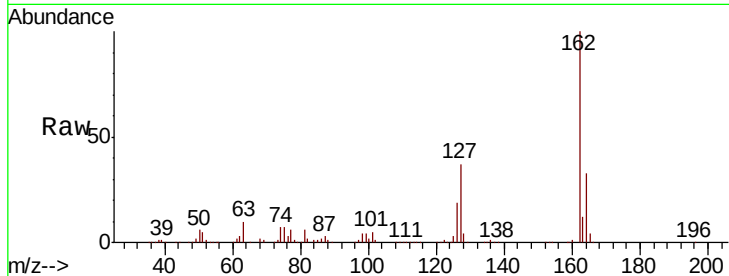




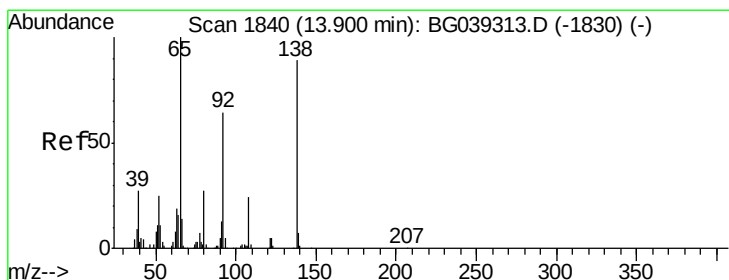
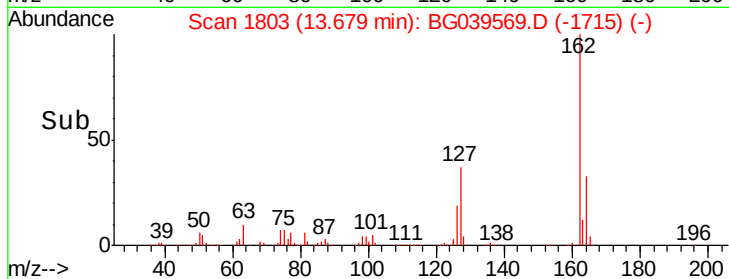
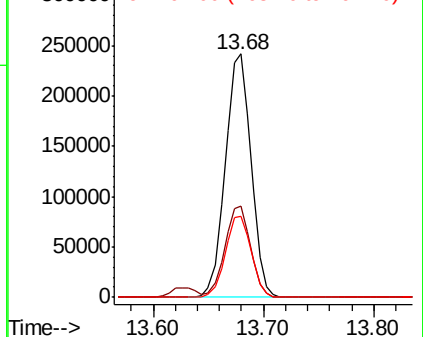
#47
2-Chloronaphthalene
Concen: 41.431 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tgt Ion: 162 Resp: 394304
Ion Ratio Lower Upper
162 100
127 37.4 31.0 46.6
164 33.1 25.7 38.5

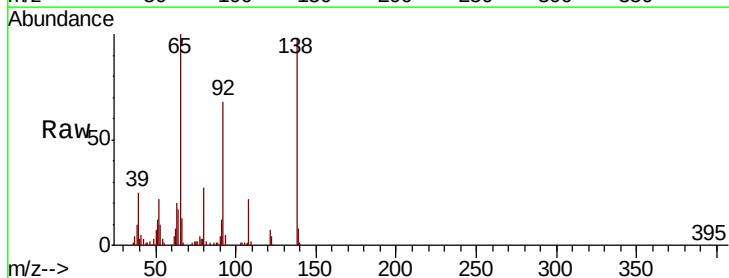


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

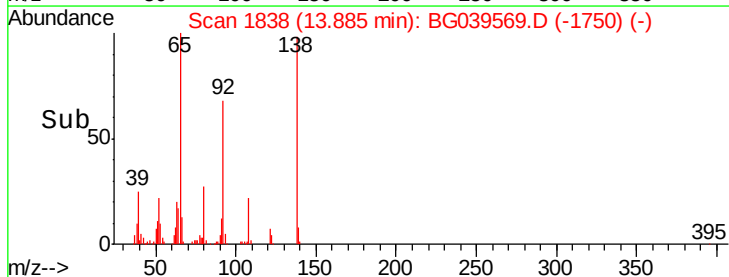
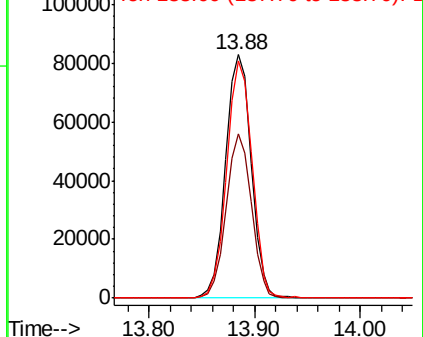


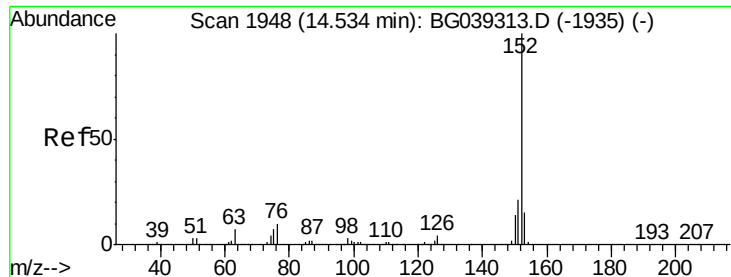
#48
2-Nitroaniline
Concen: 50.306 ng
RT: 13.88 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion: 65 Resp: 138848
Ion Ratio Lower Upper
65 100
92 67.5 51.4 77.2
138 97.6 71.4 107.2



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): E





#49

Acenaphthylene

Concen: 43.971 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

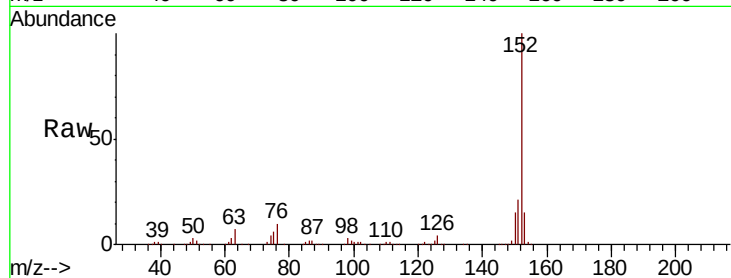
Tgt Ion:152 Resp: 631442

Ion Ratio Lower Upper

152 100

151 21.5 16.8 25.2

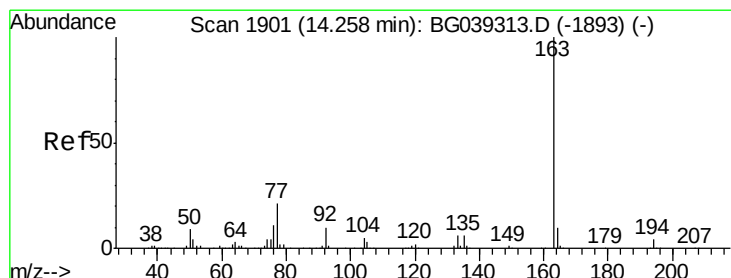
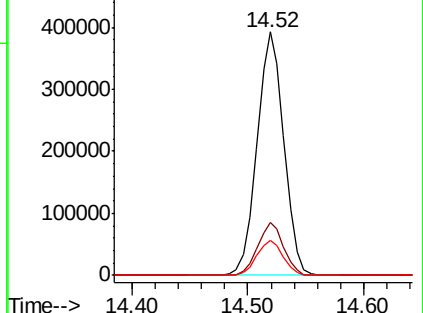
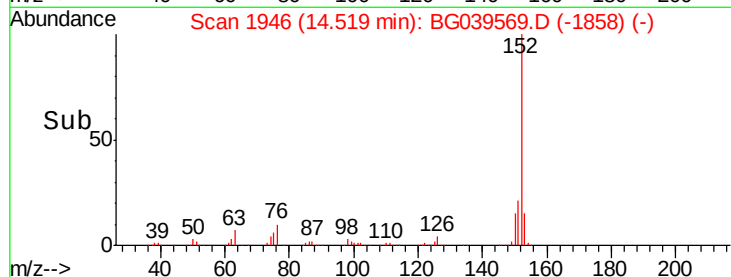
153 14.5 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.469 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

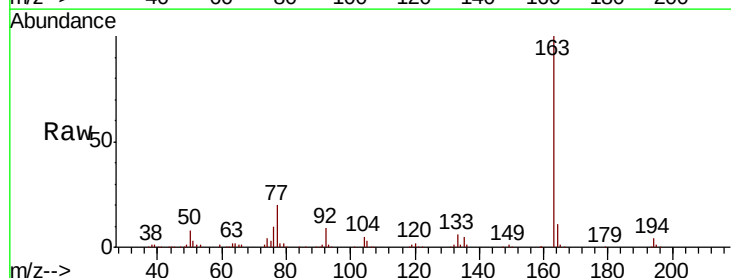
Tgt Ion:163 Resp: 521523

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

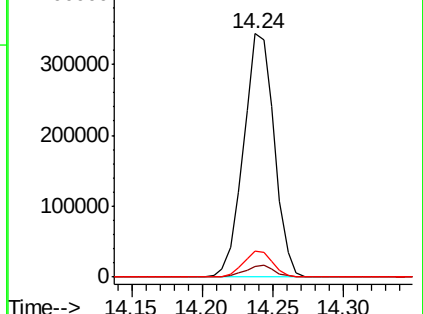
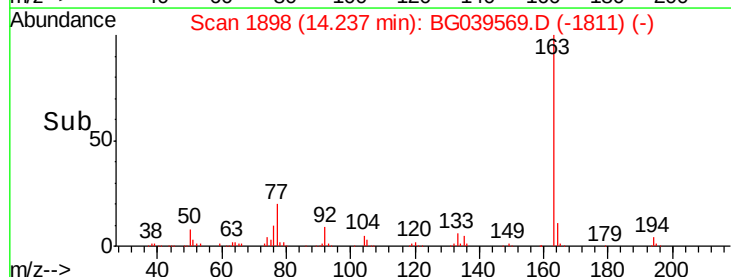
164 10.7 8.4 12.6

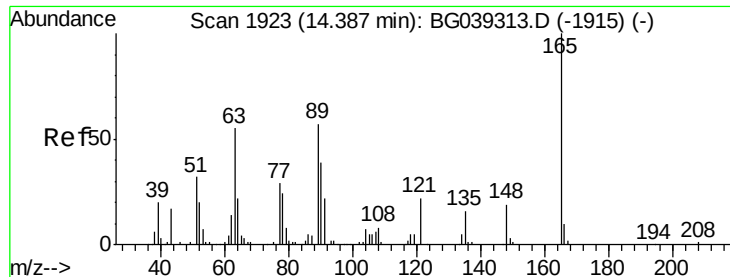


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 50.822 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

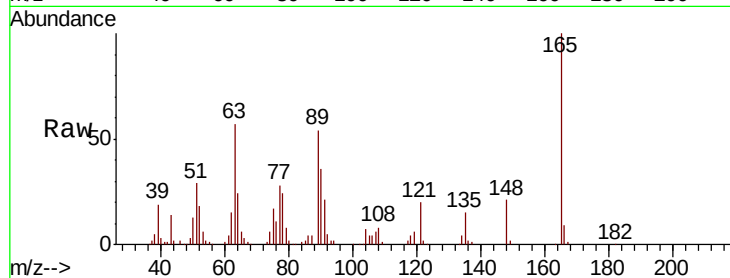
Tgt Ion:165 Resp: 117667

Ion Ratio Lower Upper

165 100

63 56.8 47.0 70.6

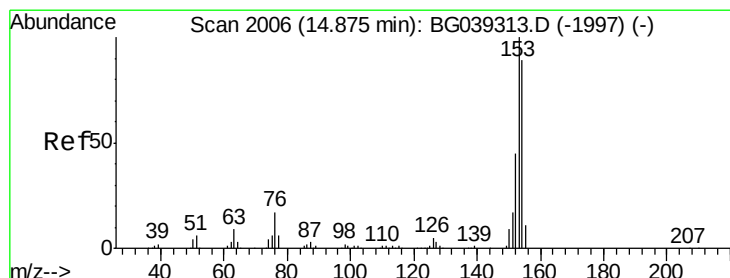
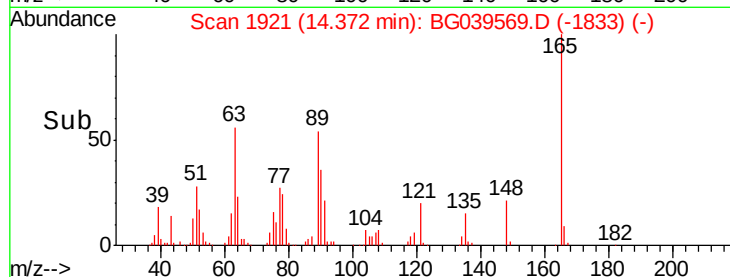
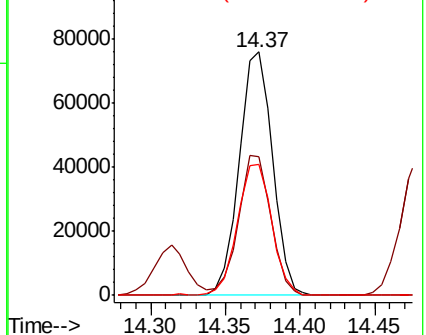
89 54.0 45.8 68.8



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



#52

Acenaphthene

Concen: 41.252 ng

RT: 14.85 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

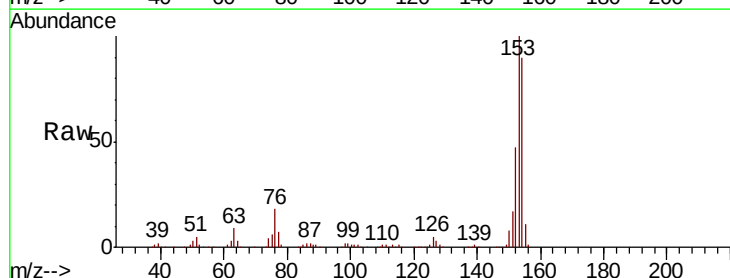
Tgt Ion:154 Resp: 384541

Ion Ratio Lower Upper

154 100

153 111.2 90.1 135.1

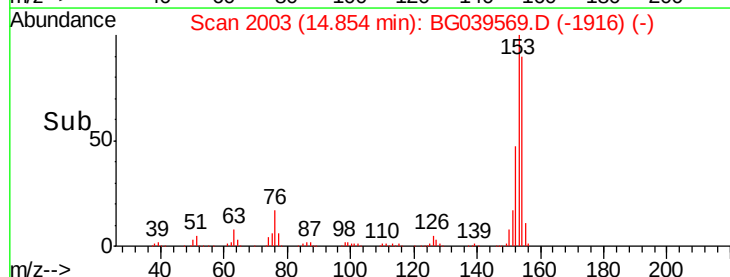
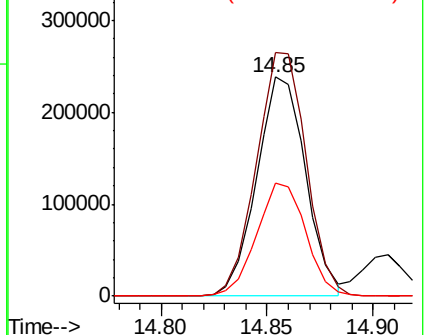
152 51.9 40.9 61.3

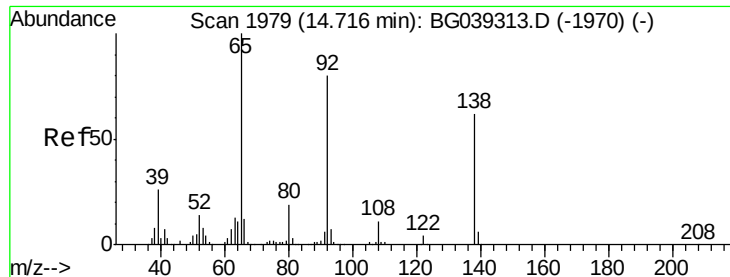


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

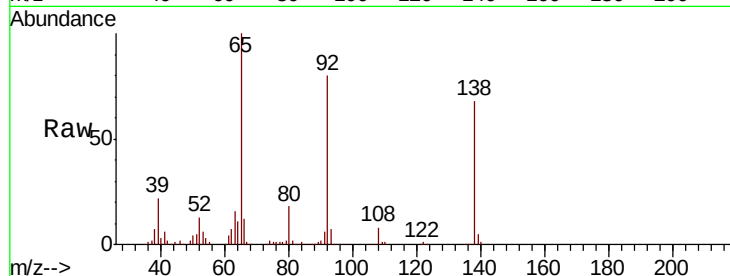




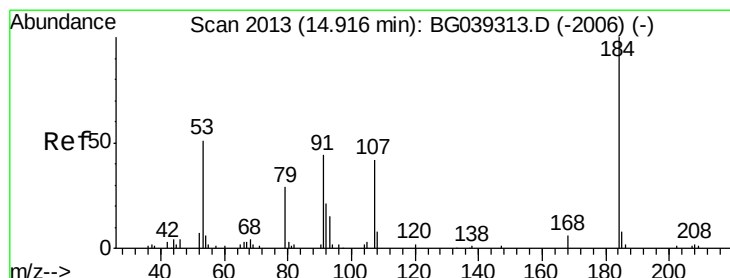
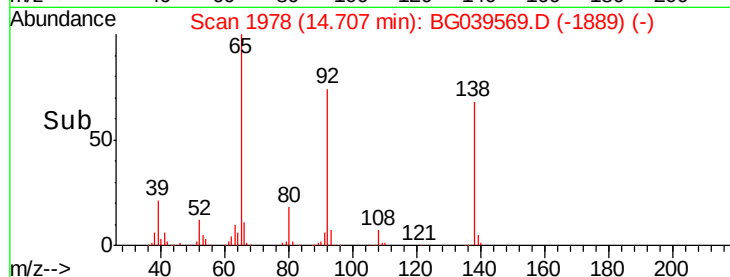
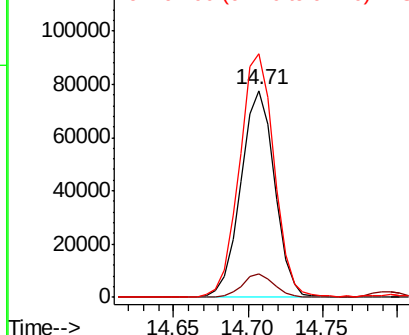
#53
3-Nitroaniline
Concen: 49.130 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tgt Ion:138 Resp: 122054
Ion Ratio Lower Upper
138 100
108 11.1 13.8 20.8#
92 117.8 103.7 155.5

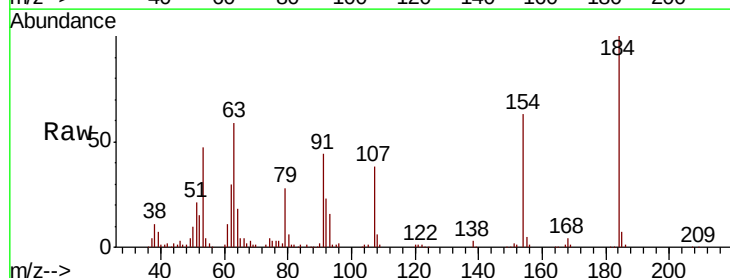


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

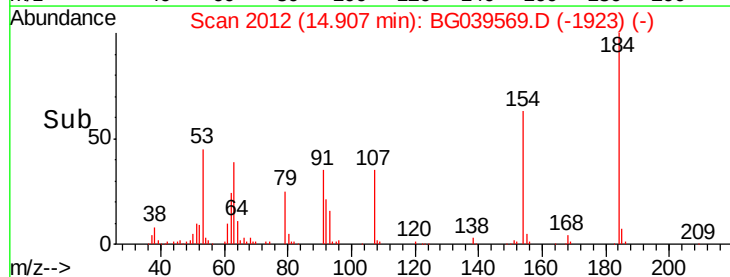
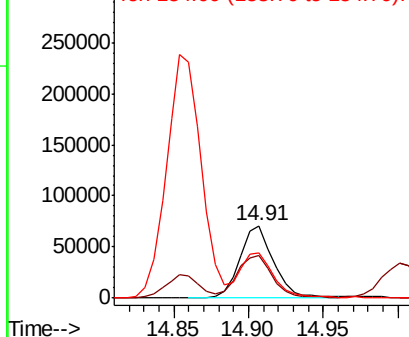


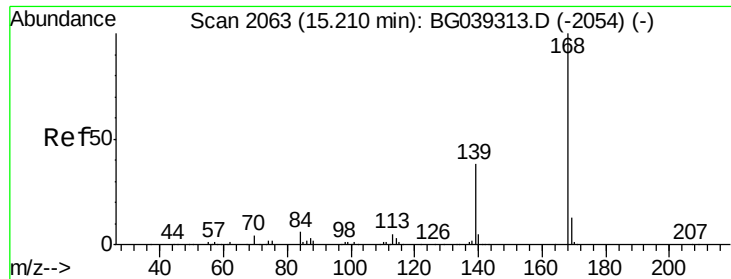
#54
2,4-Dinitrophenol
Concen: 98.151 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion:184 Resp: 110708
Ion Ratio Lower Upper
184 100
63 59.2 50.9 76.3
154 63.0 53.0 79.6



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

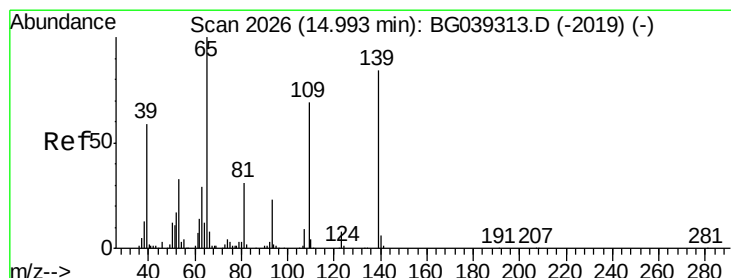
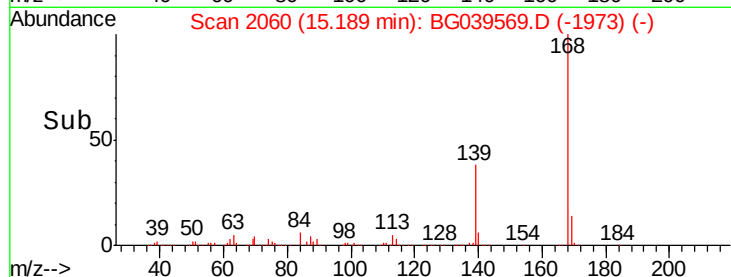
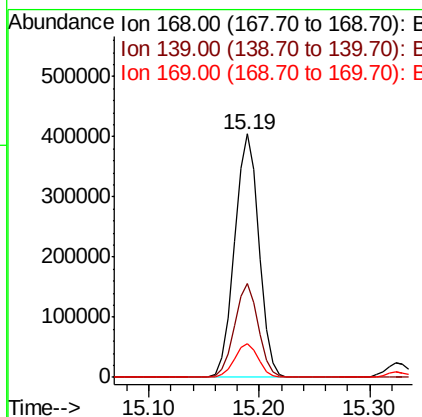
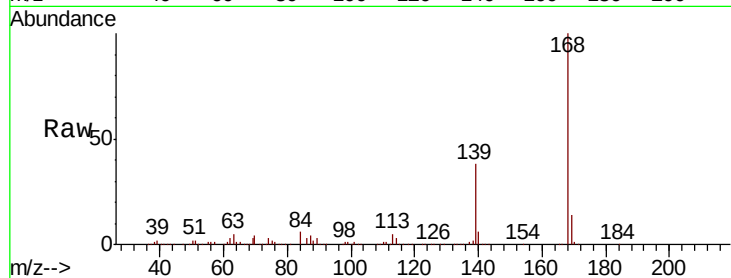




#55
Dibenzofuran
Concen: 41.781 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

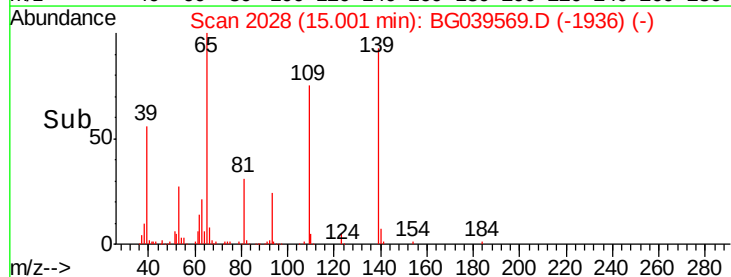
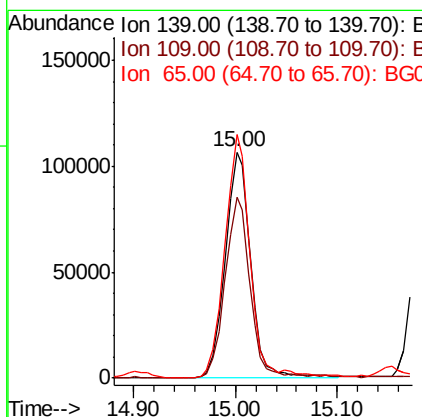
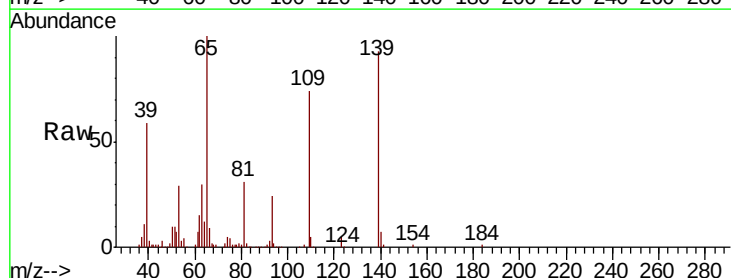
Instrument :
BNA_G
ClientSampleId :
PB117221BS

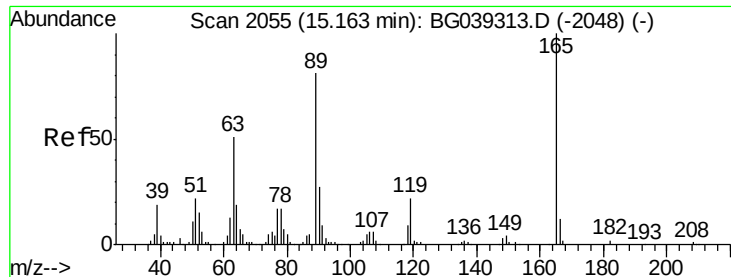
Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1
169	14.0	10.6	16.0



#56
4-Nitrophenol
Concen: 83.401 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.1	61.9	101.9
65	107.6	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 55.644 ng

RT: 15.15 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

Tgt Ion:165 Resp: 167965

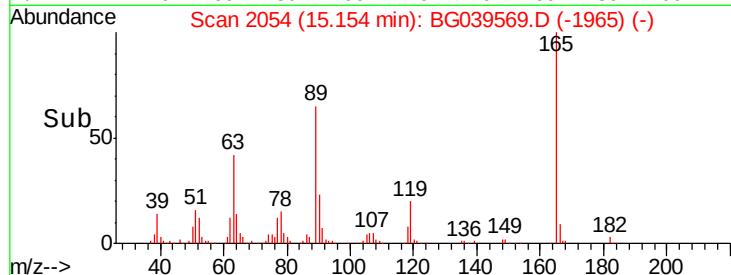
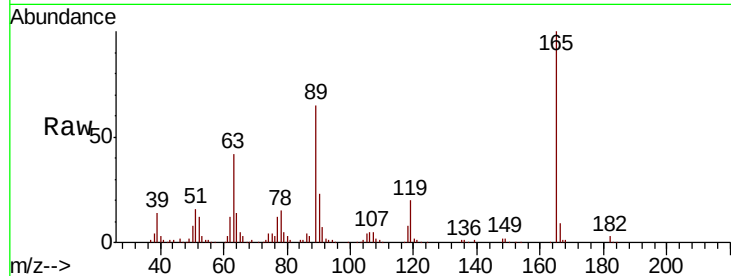
Ion Ratio Lower Upper

165 100

63 41.8 41.0 61.6

89 65.3 64.6 96.8

182 2.9 2.0 3.0

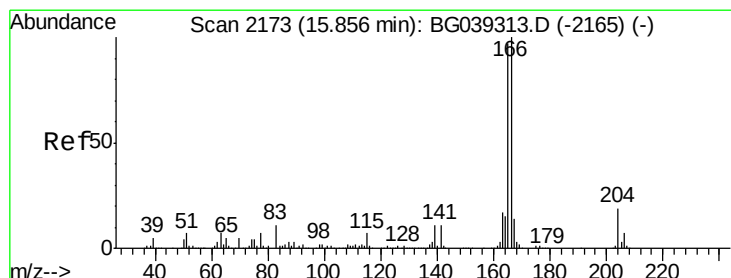
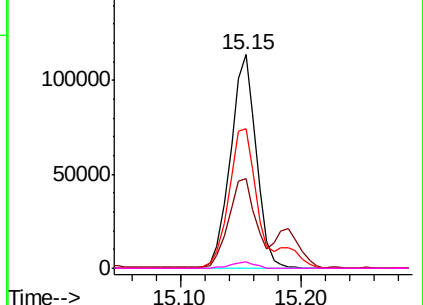


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.553 ng

RT: 15.84 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

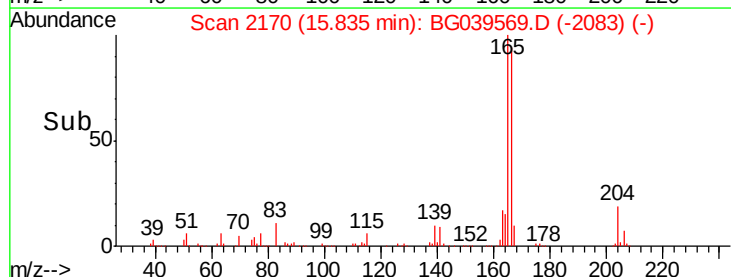
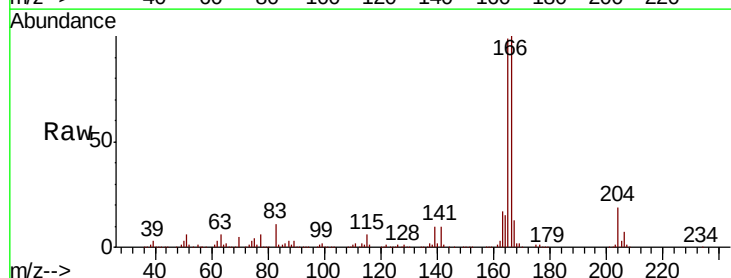
Tgt Ion:166 Resp: 496383

Ion Ratio Lower Upper

166 100

165 99.5 77.9 116.9

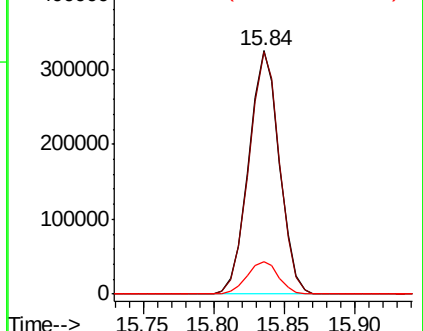
167 13.2 10.8 16.2

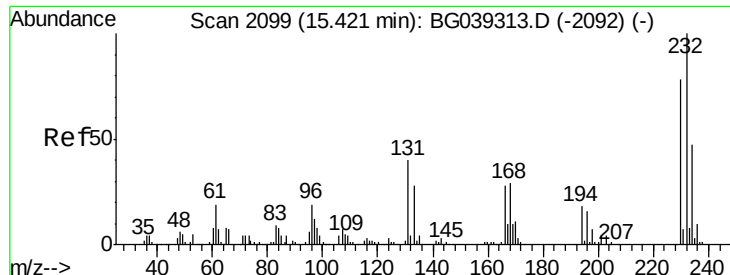


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

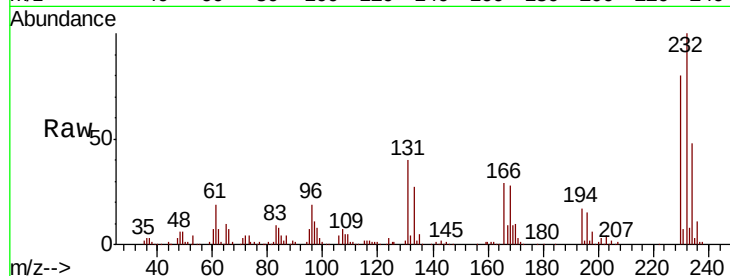




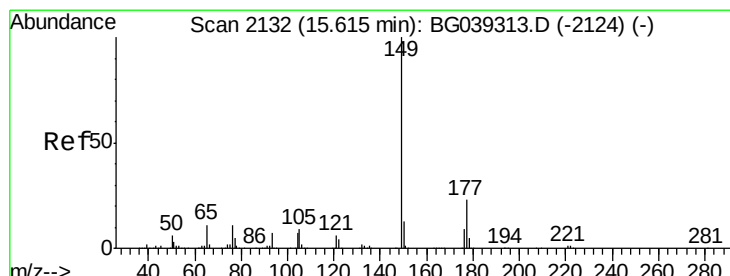
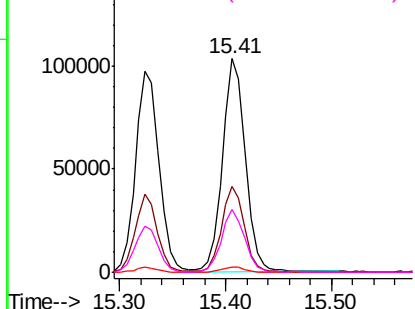
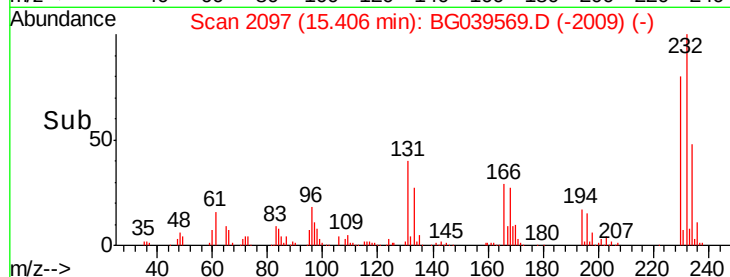
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.064 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.02 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

Instrument :
 BNA_G
 ClientSampleId :
 PB117221BS

Tgt Ion:	232	Resp:	154896
Ion	Ratio	Lower	Upper
232	100		
131	40.1	34.9	52.3
130	2.4	2.0	3.0
166	28.9	24.1	36.1

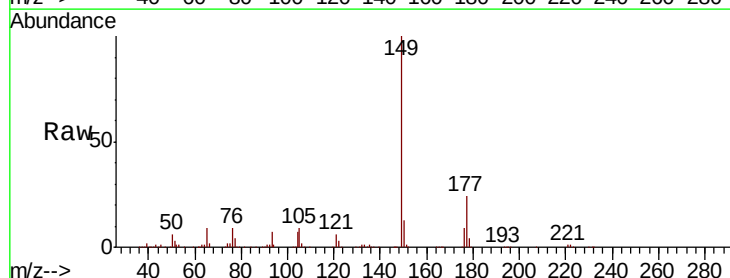


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

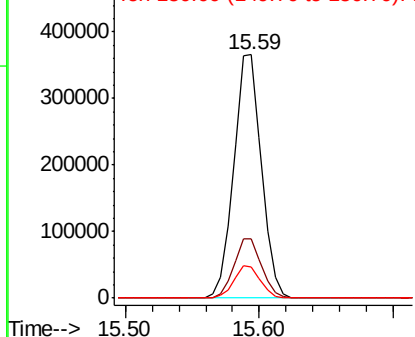
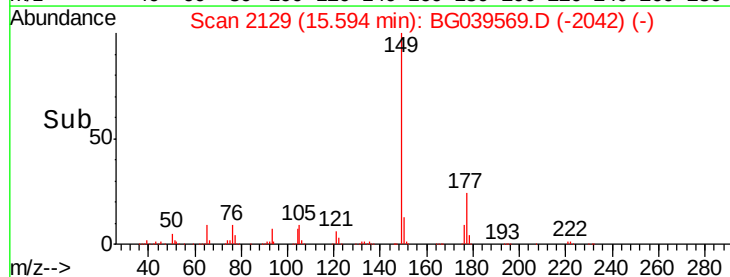


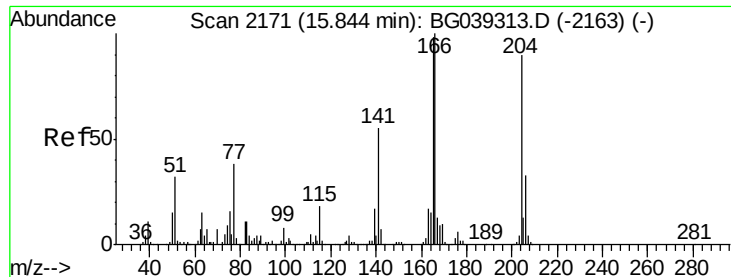
#60
 Diethylphthalate
 Concen: 41.372 ng
 RT: 15.59 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

Tgt Ion:	149	Resp:	525298
Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.3	27.5
150	12.7	10.2	15.2



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

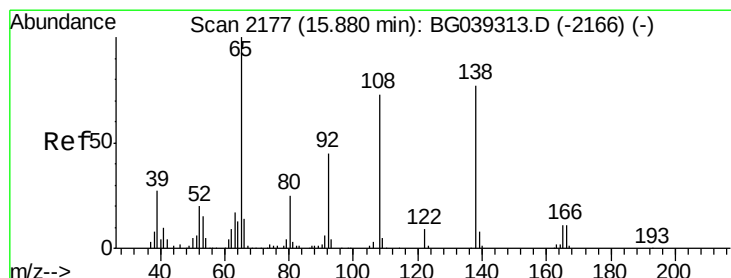
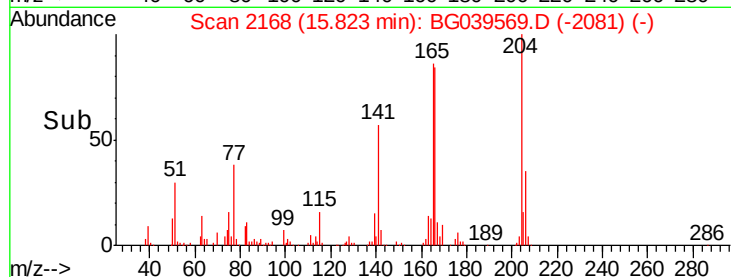
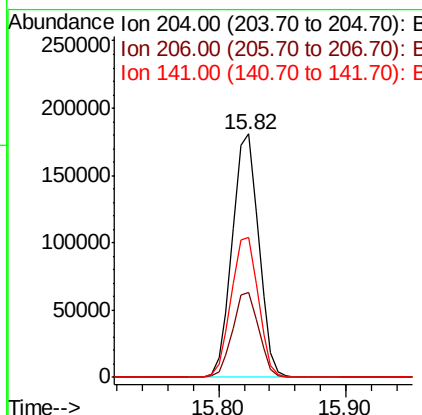
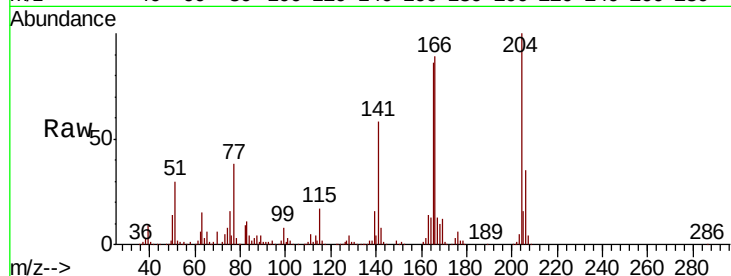




#61
 4-Chlorophenyl-phenylether
 Concen: 41.241 ng
 RT: 15.82 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

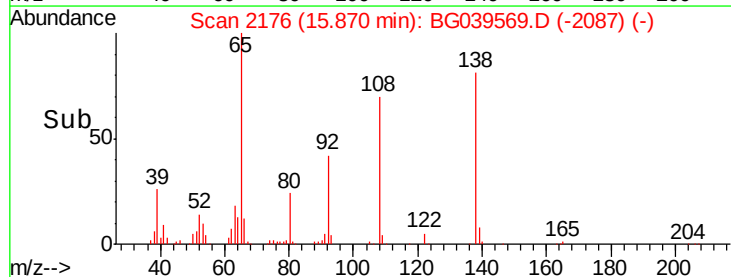
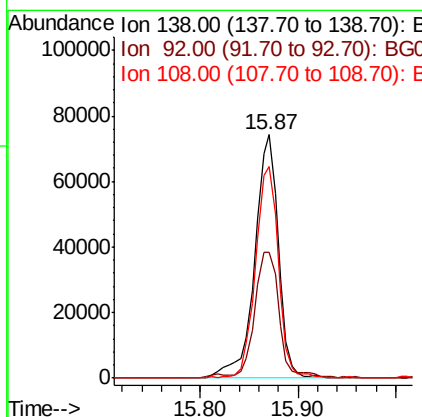
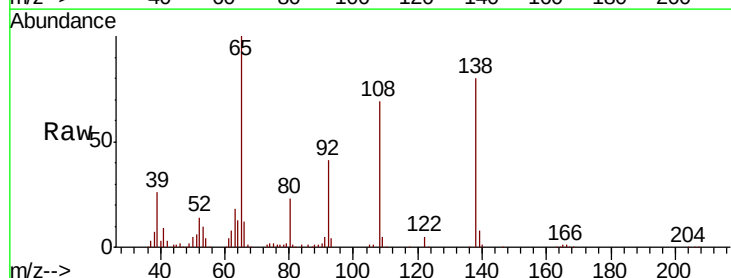
Instrument :
 BNA_G
 ClientSampleId :
 PB117221BS

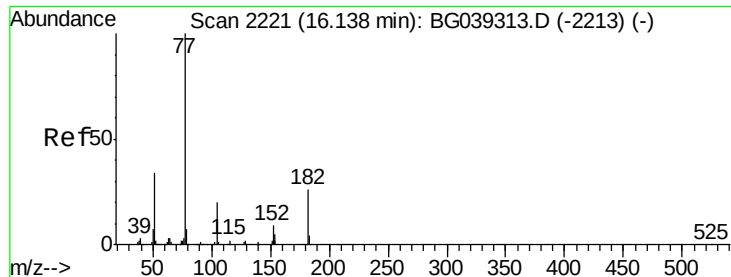
Tgt Ion: 204 Resp: 260178
 Ion Ratio Lower Upper
 204 100
 206 35.1 29.2 43.8
 141 57.7 49.0 73.4



#62
 4-Nitroaniline
 Concen: 48.793 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

Tgt Ion: 138 Resp: 125844
 Ion Ratio Lower Upper
 138 100
 92 51.7 38.7 78.7
 108 86.9 74.6 114.6

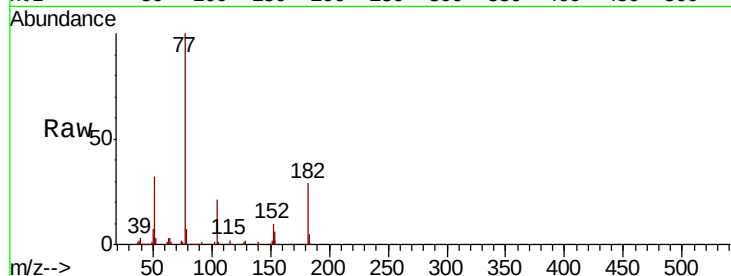




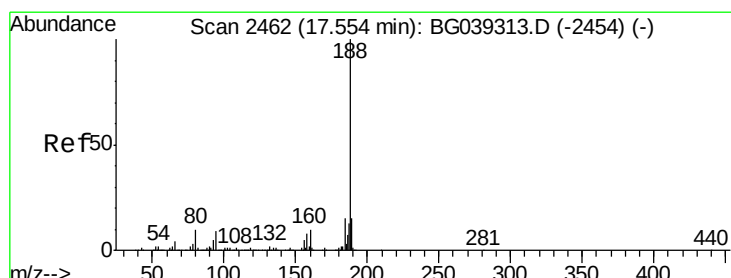
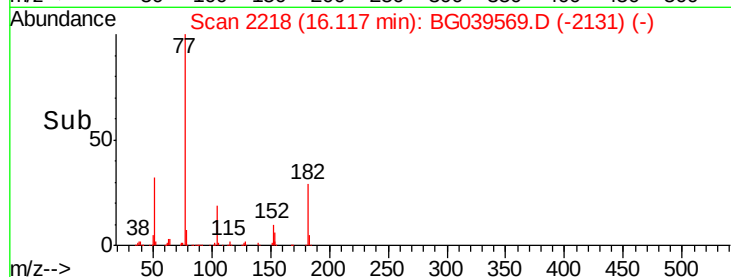
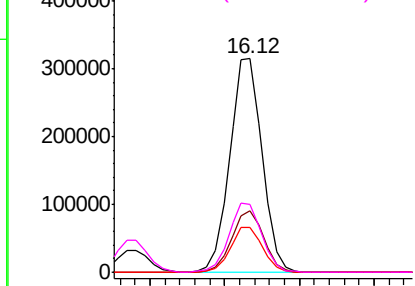
#63
Azobenzene
Concen: 38.230 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tgt Ion:	77	Resp:	474427
Ion	Ratio	Lower	Upper
77	100		
182	28.9	6.4	46.4
105	21.3	0.0	39.8
51	32.0	14.1	54.1

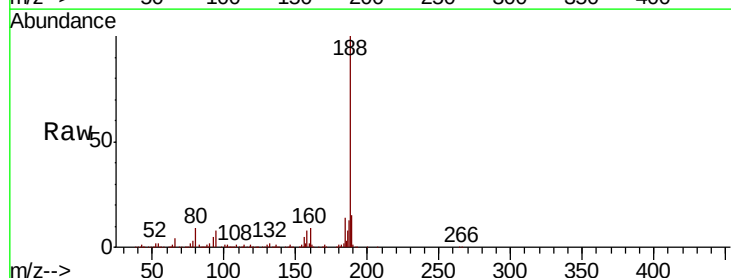


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

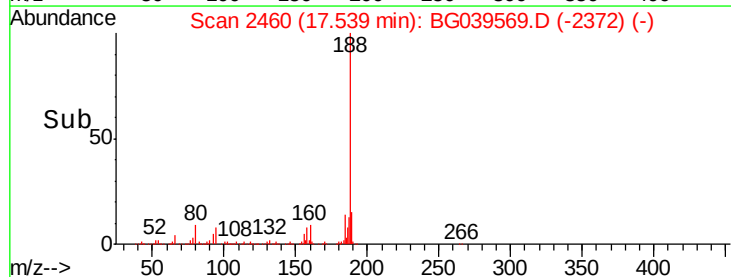
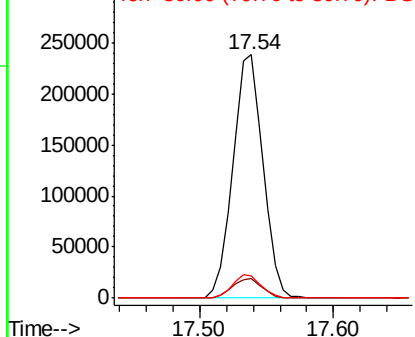


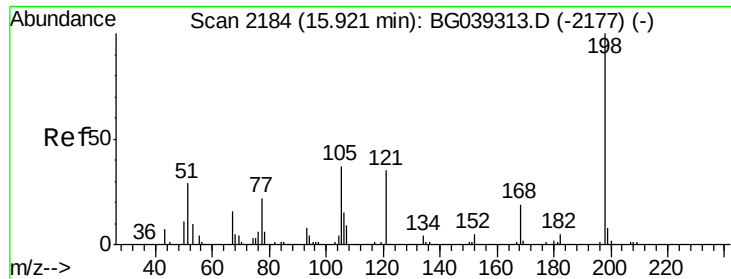
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion:	188	Resp:	372104
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	8.9	8.1	12.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

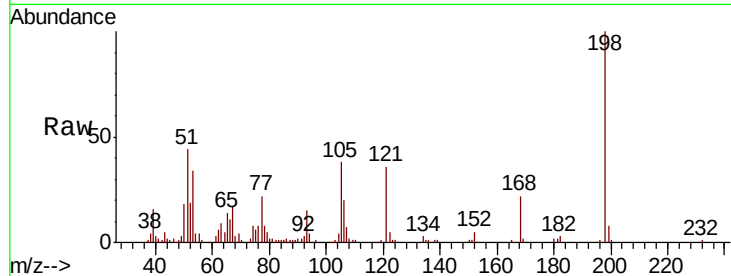




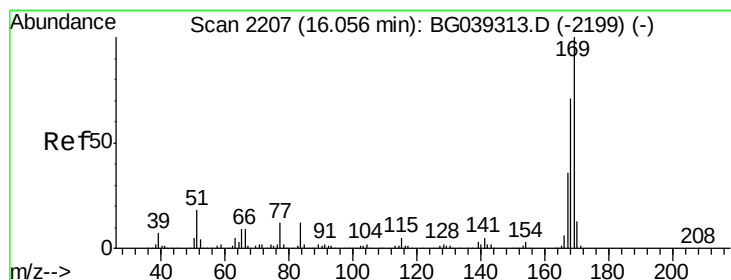
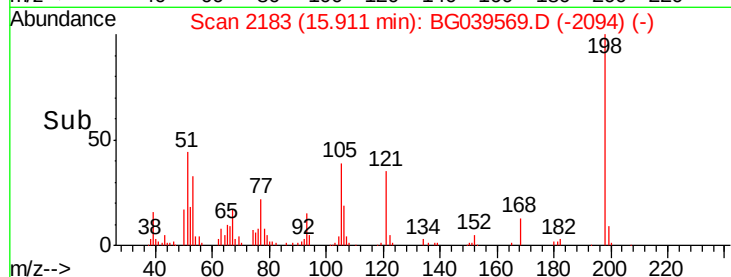
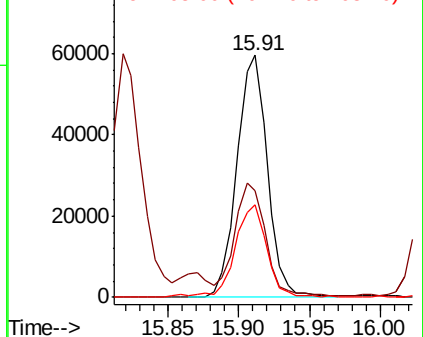
#65
4,6-Dinitro-2-methylphenol
Concen: 57.032 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	44.0	27.4	67.4
105	38.4	19.7	59.7

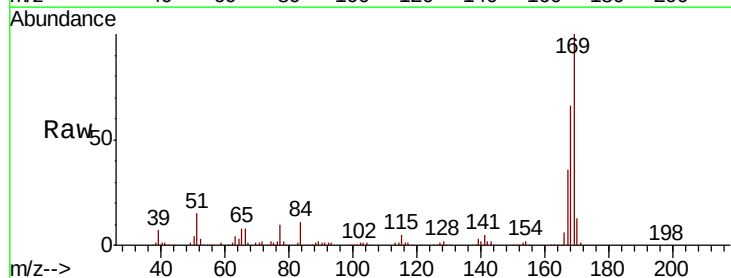


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

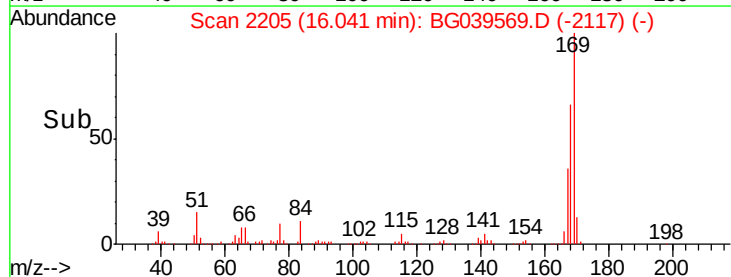
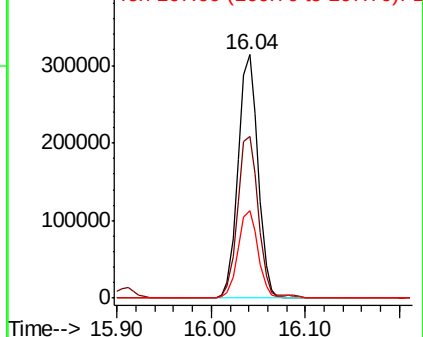


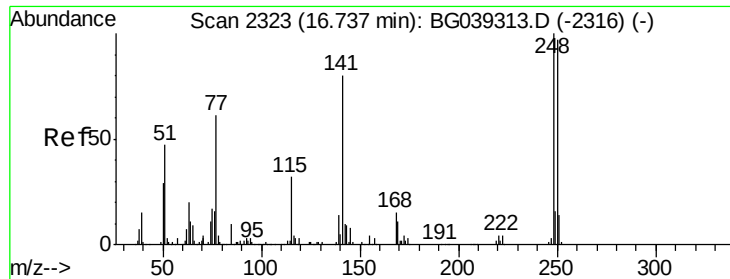
#66
n-Nitrosodiphenylamine
Concen: 40.677 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	56.6	85.0
167	36.1	28.8	43.2



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

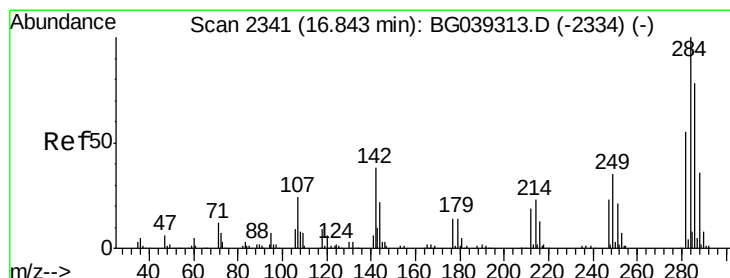
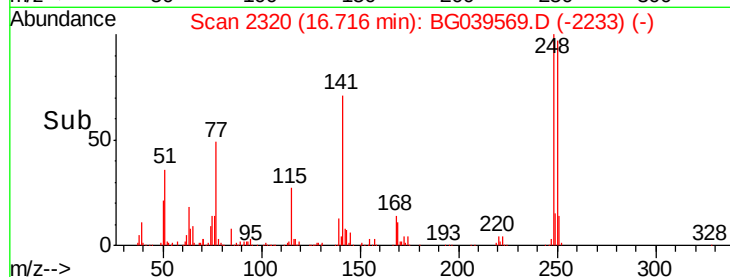
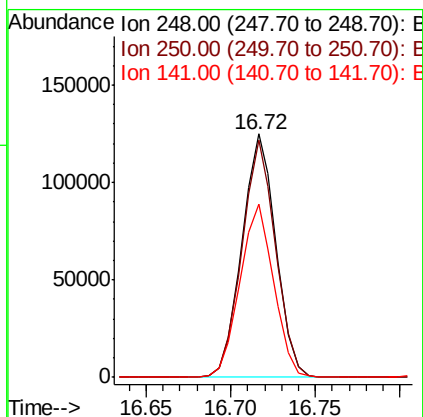
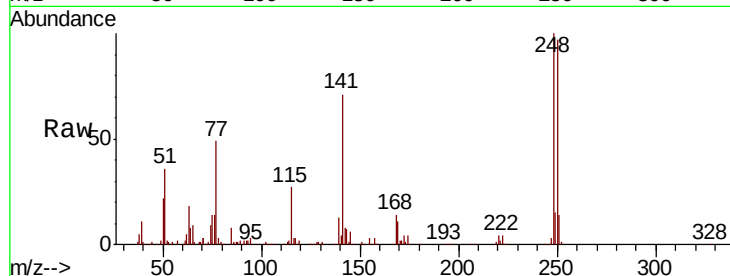




#67
 4-Bromophenyl-phenylether
 Concen: 42.161 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

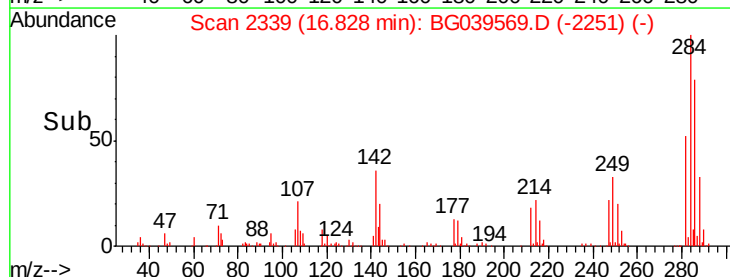
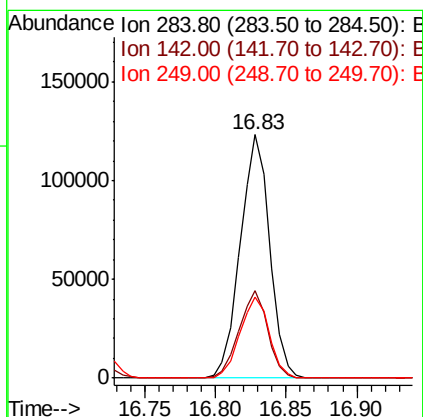
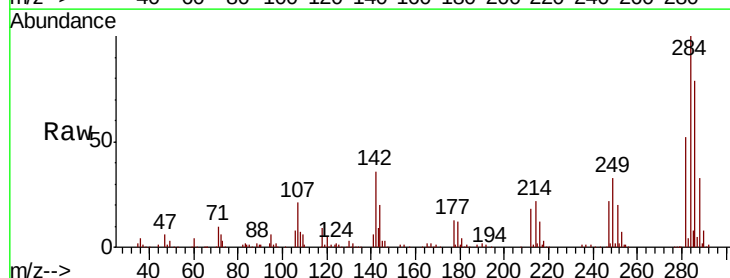
Instrument :
 BNA_G
 ClientSampleId :
 PB117221BS

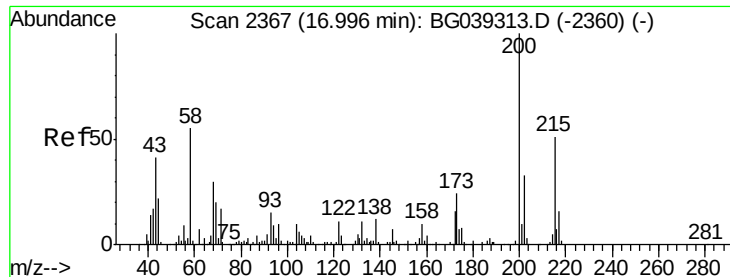
Tgt Ion:248 Resp: 174042
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.6 116.4
 141 71.2 63.9 95.9



#68
 Hexachlorobenzene
 Concen: 43.091 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.02 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

Tgt Ion:284 Resp: 178470
 Ion Ratio Lower Upper
 284 100
 142 35.9 30.6 45.8
 249 33.3 28.2 42.2





#69

Atrazine

Concen: 39.323 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

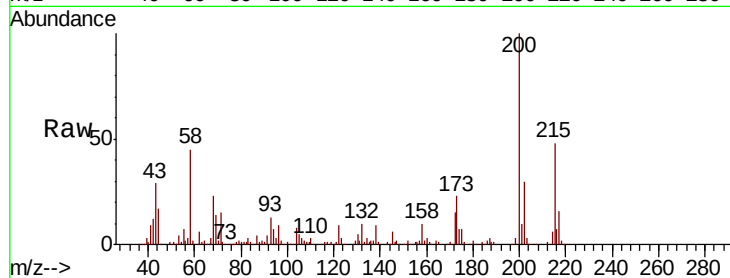
Tgt Ion:200 Resp: 162591

Ion Ratio Lower Upper

200 100

173 23.1 3.9 43.9

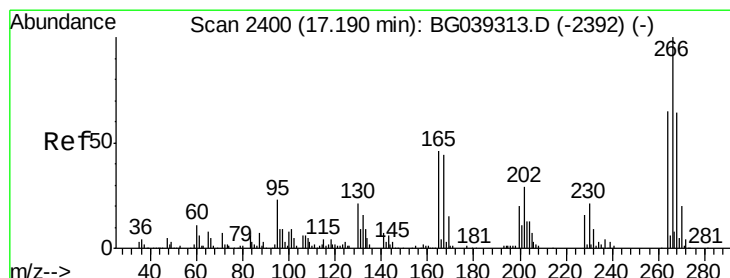
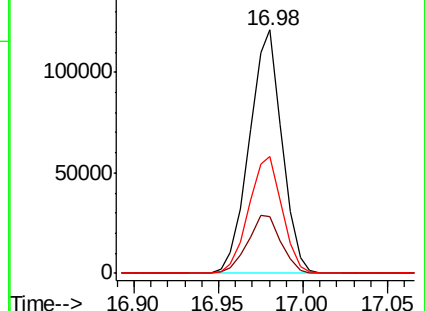
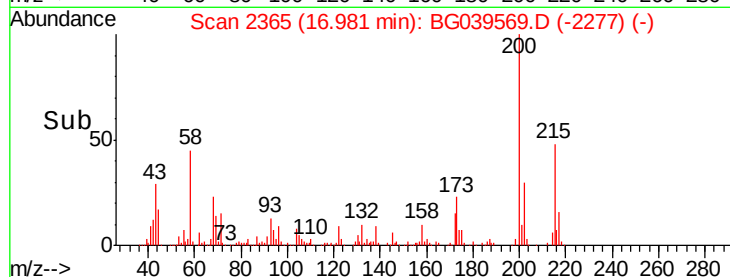
215 48.2 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 74.733 ng

RT: 17.17 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

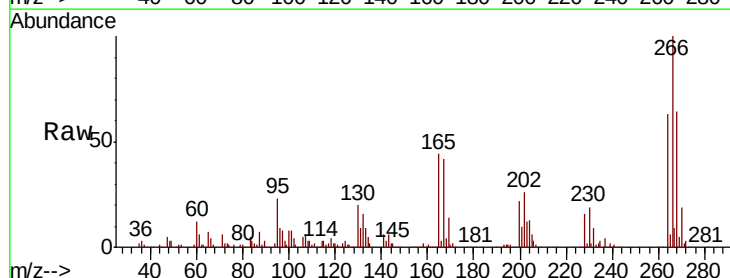
Tgt Ion:266 Resp: 215122

Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

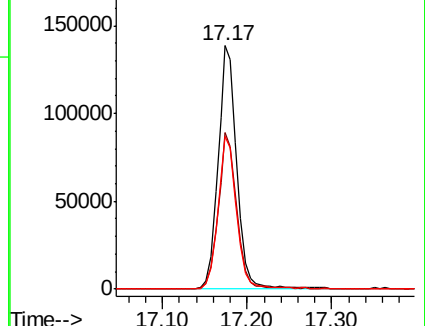
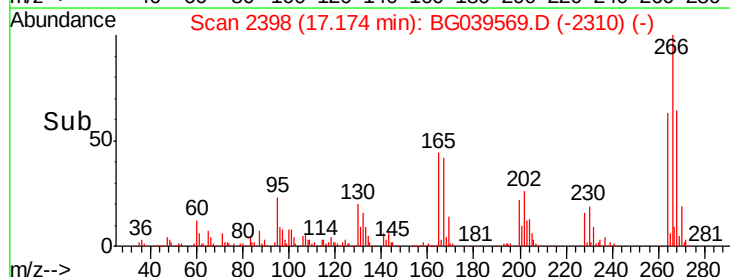
264 62.9 52.1 78.1

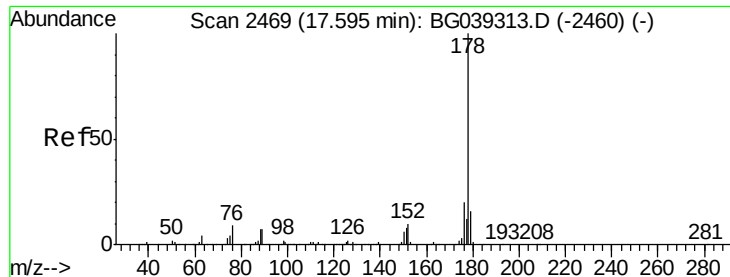


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

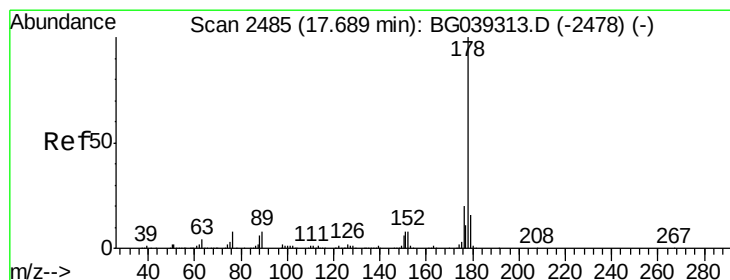
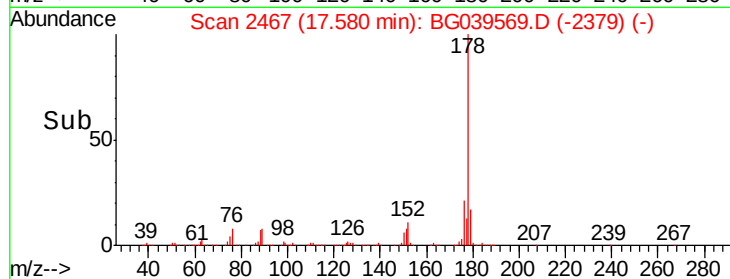
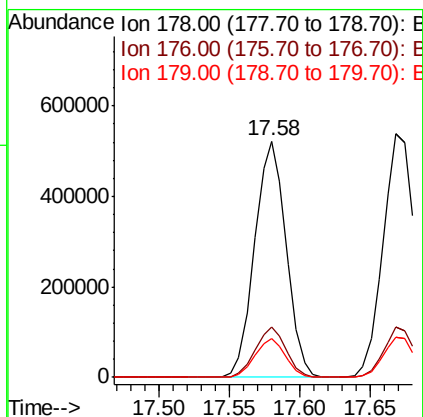
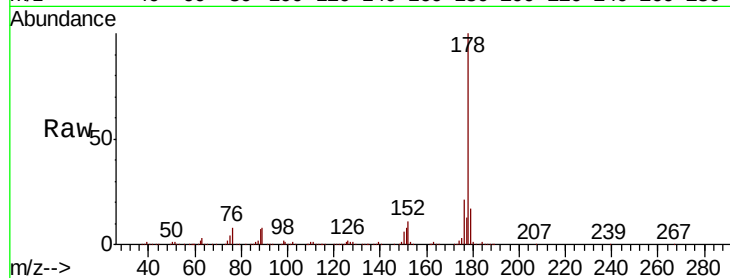




#71
Phenanthrene
Concen: 42.532 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

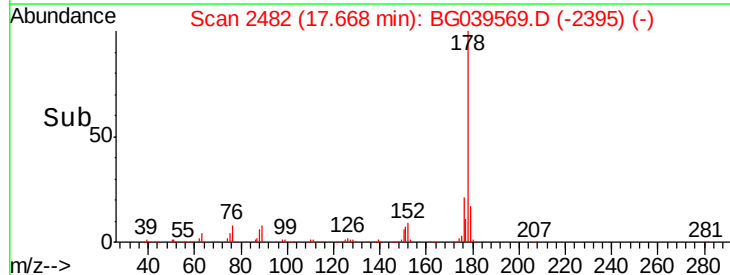
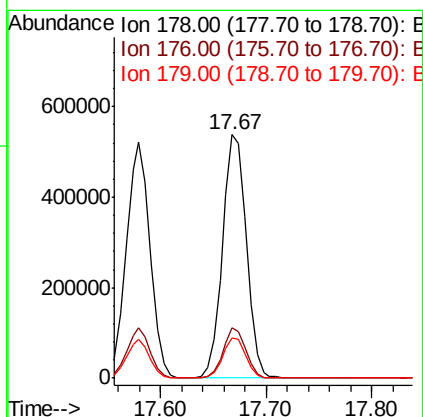
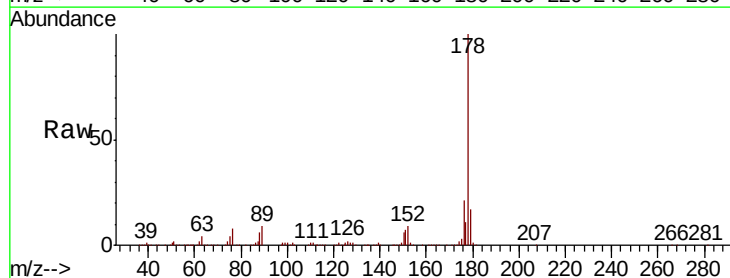
Instrument :
BNA_G
ClientSampleId :
PB117221BS

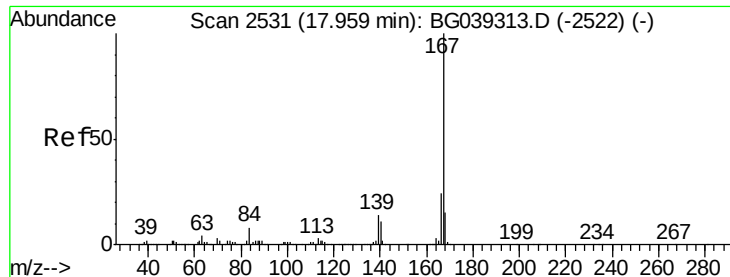
Tgt Ion:178 Resp: 819119
Ion Ratio Lower Upper
178 100
176 21.2 16.2 24.4
179 16.6 12.6 19.0



#72
Anthracene
Concen: 44.326 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion:178 Resp: 840868
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.6
179 16.7 12.5 18.7





#73

Carbazole

Concen: 38.513 ng

RT: 17.94 min Scan# 2529

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

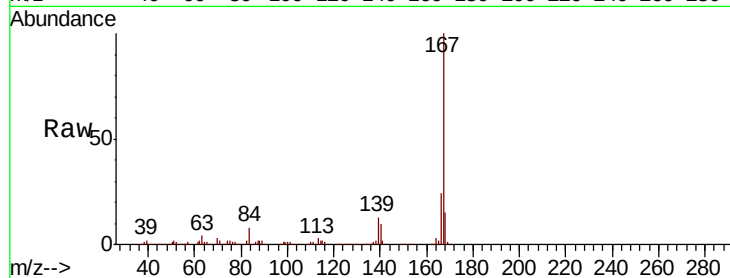
Tgt Ion:167 Resp: 729122

Ion Ratio Lower Upper

167 100

166 24.2 19.4 29.2

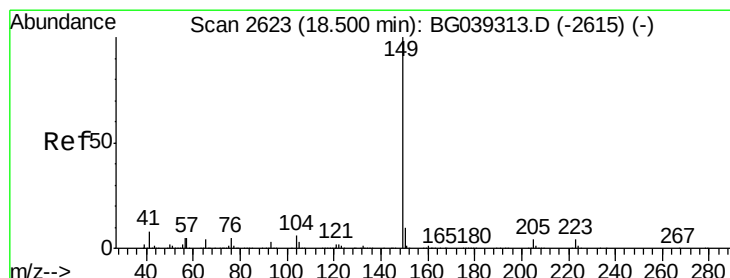
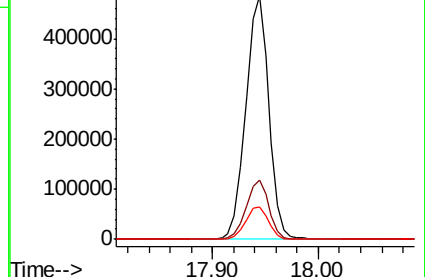
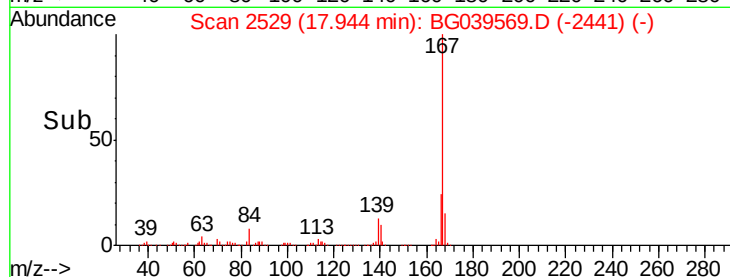
139 13.4 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.279 ng

RT: 18.47 min Scan# 2619

Delta R.T. -0.03 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

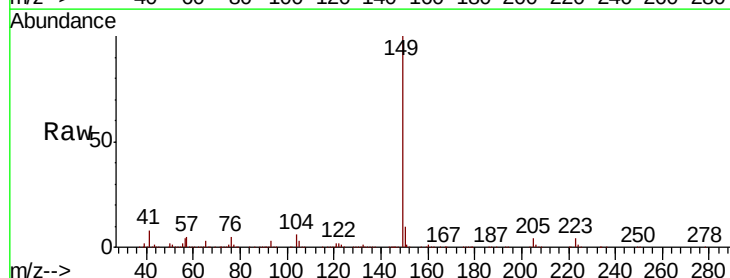
Tgt Ion:149 Resp: 889635

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

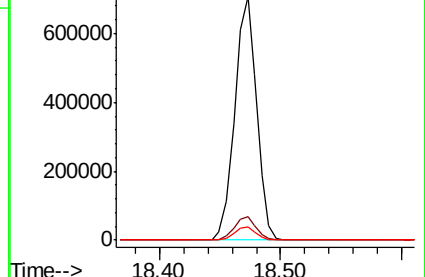
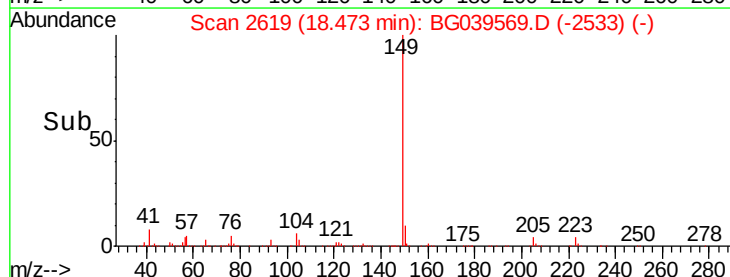
104 5.5 4.5 6.7

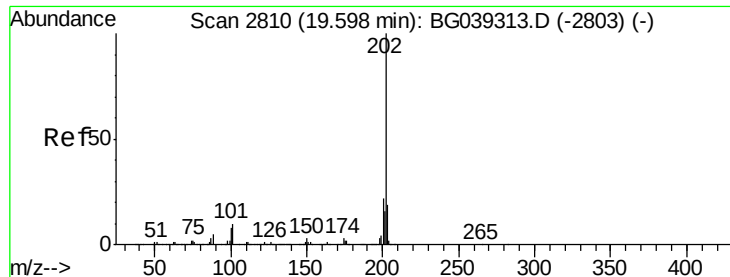


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.199 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

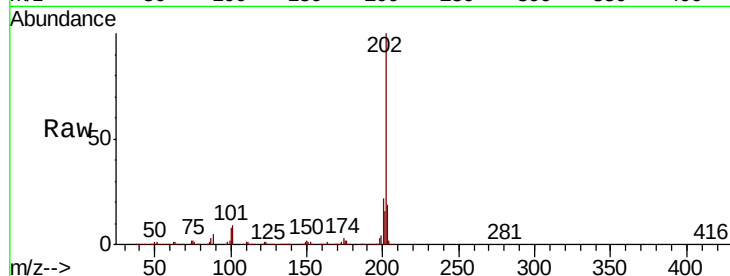
Tgt Ion:202 Resp: 965647

Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.0

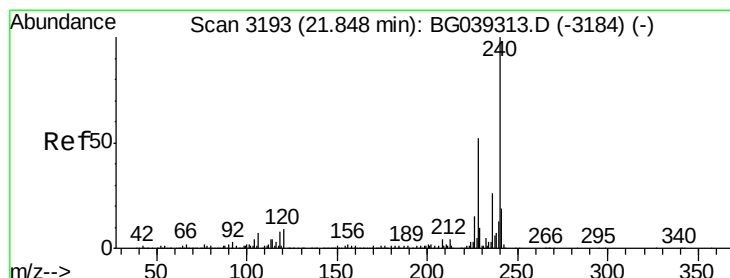
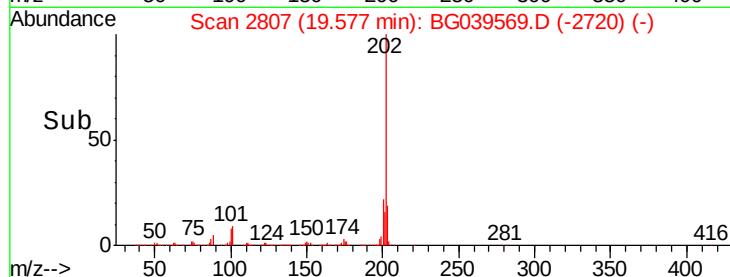
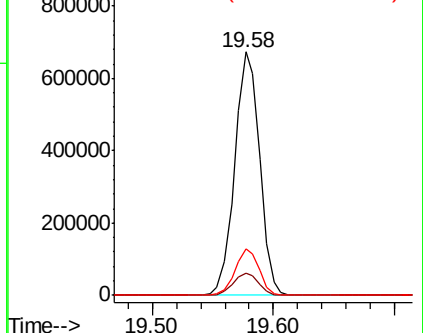
203 19.3 0.0 38.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

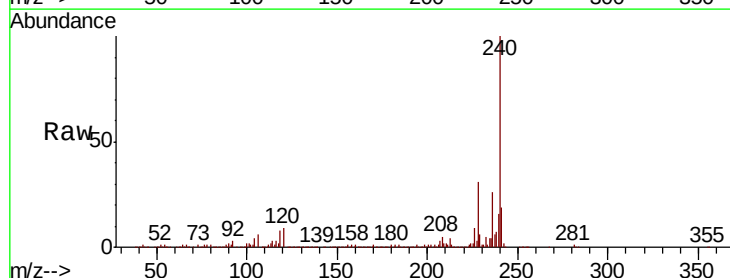
Tgt Ion:240 Resp: 361637

Ion Ratio Lower Upper

240 100

120 9.4 7.0 10.6

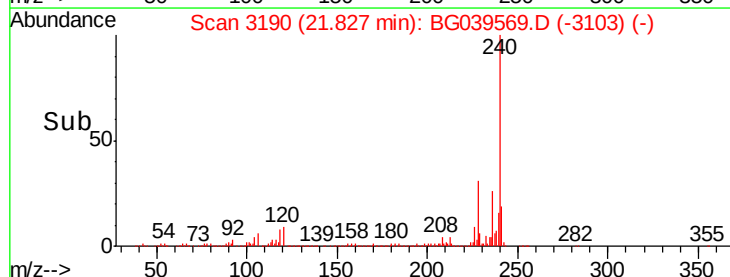
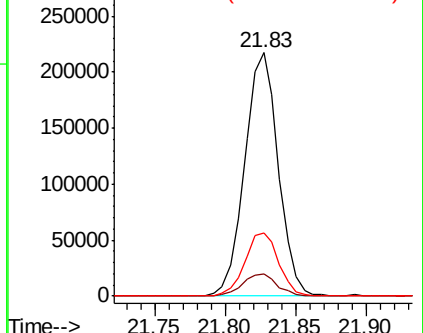
236 25.8 21.0 31.4

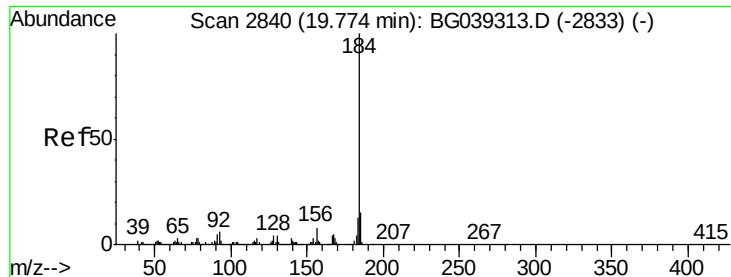


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 63.163 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

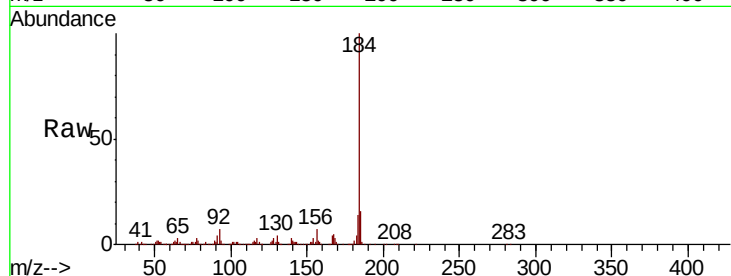
Tgt Ion:184 Resp: 748895

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.2

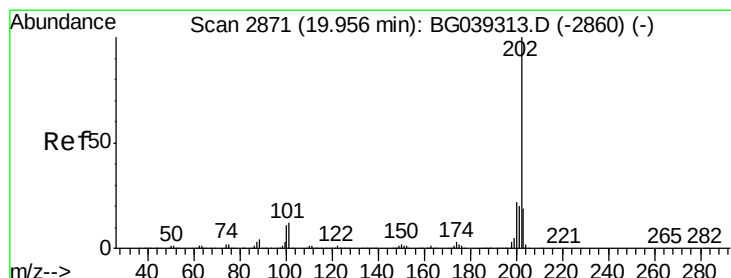
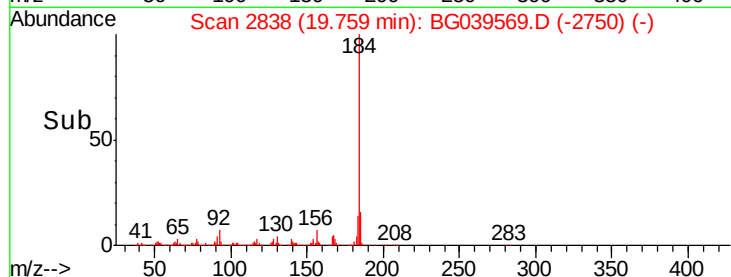
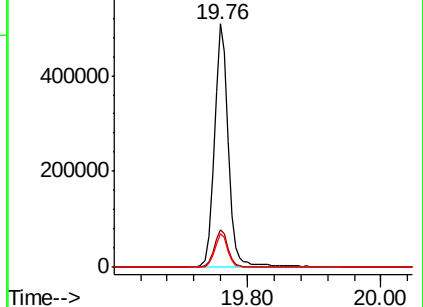
183 13.6 10.6 15.8



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



#78

Pyrene

Concen: 42.350 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

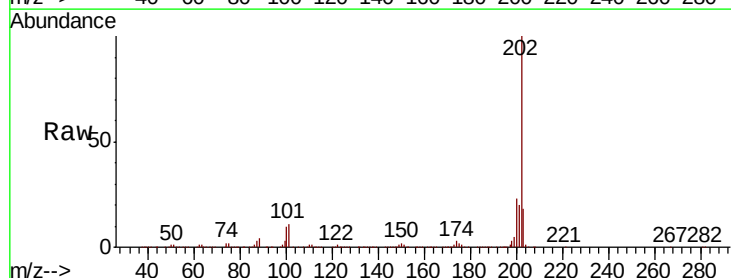
Tgt Ion:202 Resp: 953419

Ion Ratio Lower Upper

202 100

200 23.0 17.8 26.8

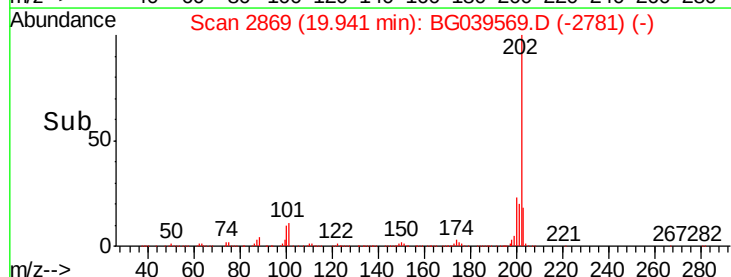
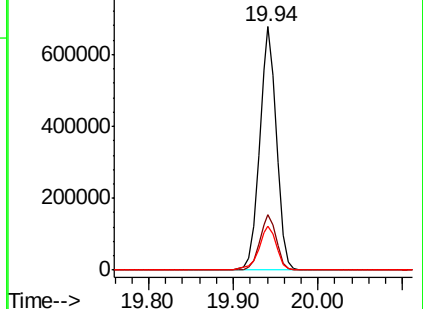
203 18.3 15.3 22.9

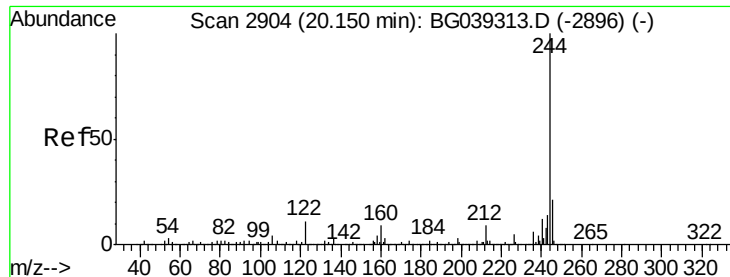


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.548 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

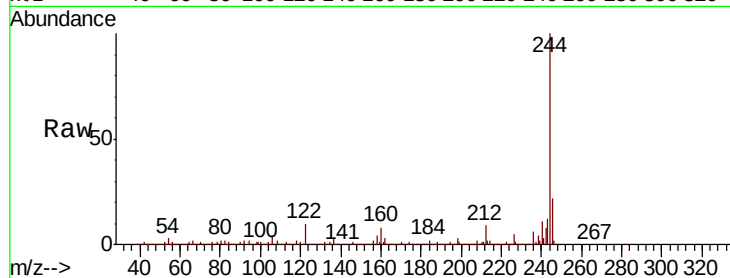
Tgt Ion:244 Resp: 1273658

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

122 10.0 8.4 12.6

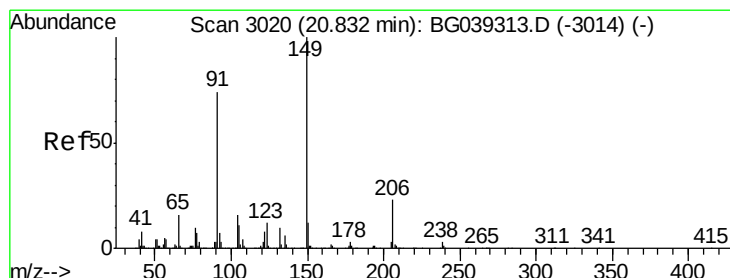
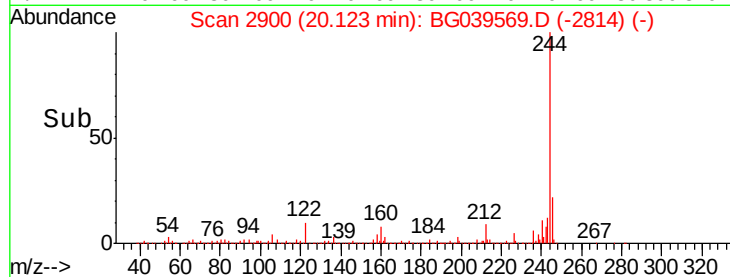
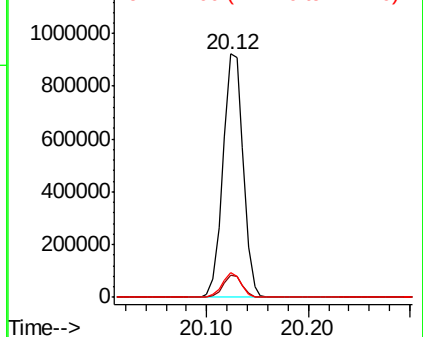


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.236 ng

RT: 20.80 min Scan# 3016

Delta R.T. -0.03 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

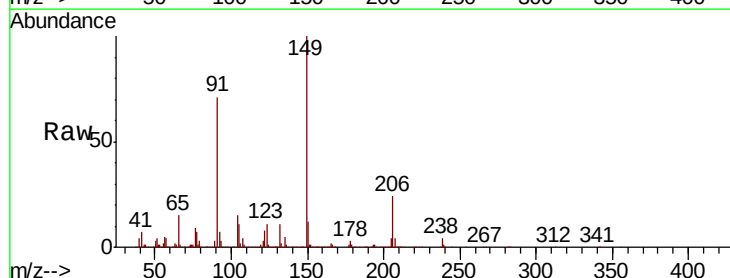
Tgt Ion:149 Resp: 410601

Ion Ratio Lower Upper

149 100

91 71.1 59.5 89.3

206 24.2 18.6 27.8

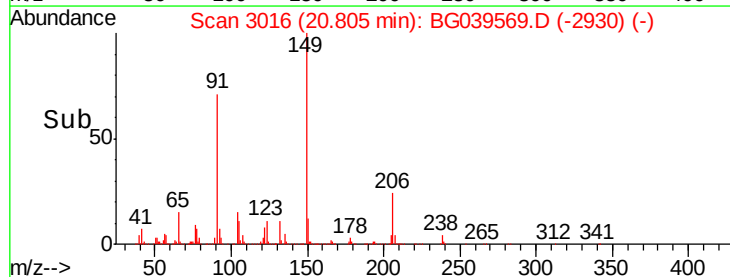
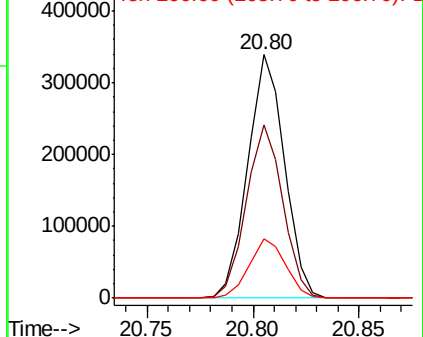


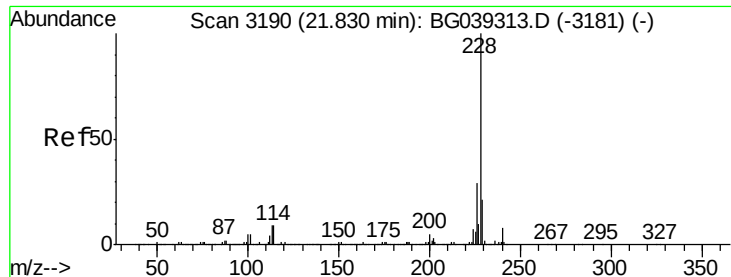
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.030 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.03 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

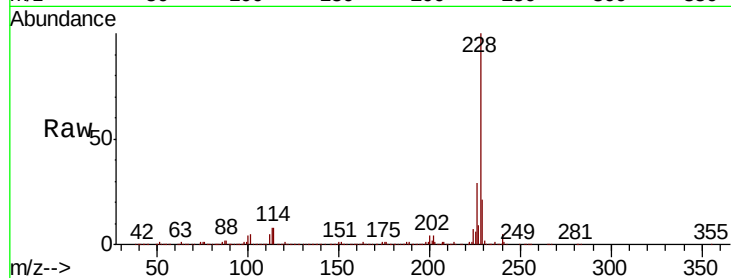
Tgt Ion:228 Resp: 940865

Ion Ratio Lower Upper

228 100

226 28.8 23.0 34.6

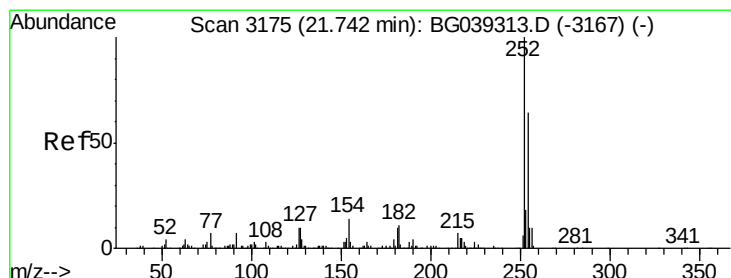
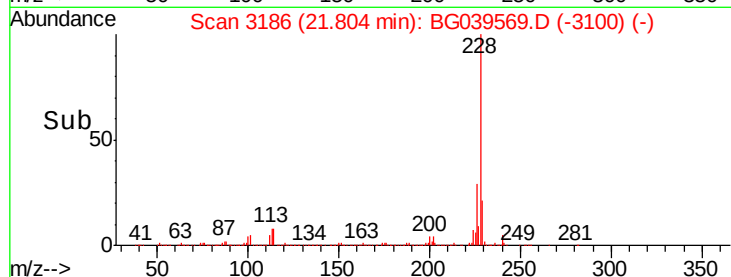
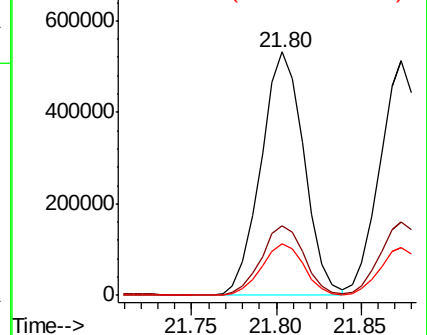
229 21.3 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.063 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.03 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

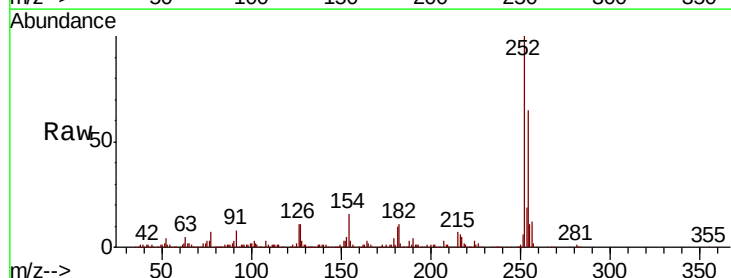
Tgt Ion:252 Resp: 333284

Ion Ratio Lower Upper

252 100

254 64.7 51.3 76.9

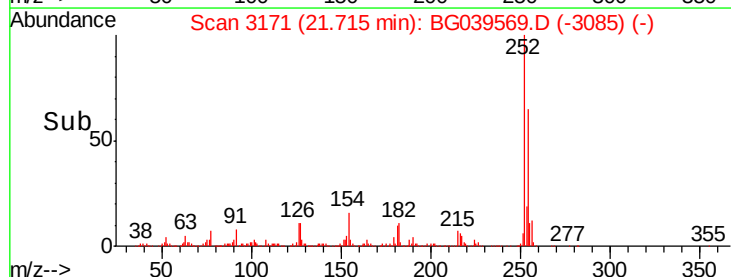
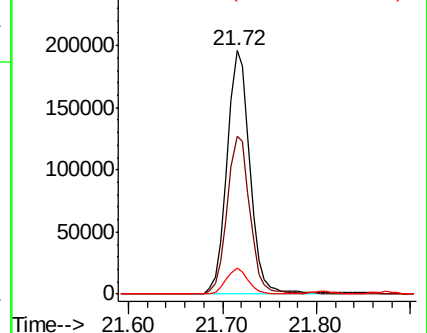
126 10.8 8.0 12.0

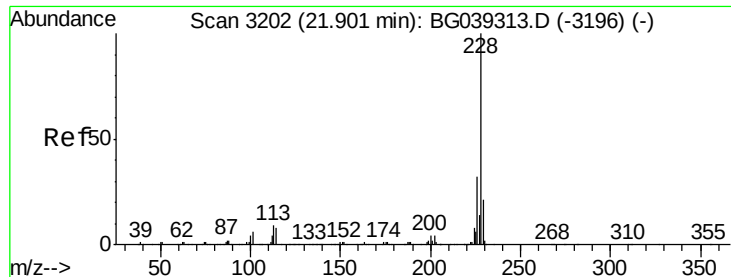


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.312 ng

RT: 21.87 min Scan# 3198

Delta R.T. -0.03 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

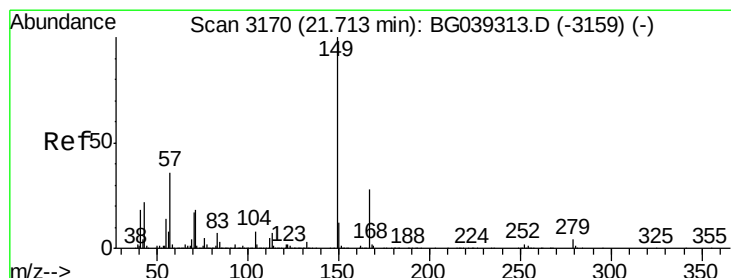
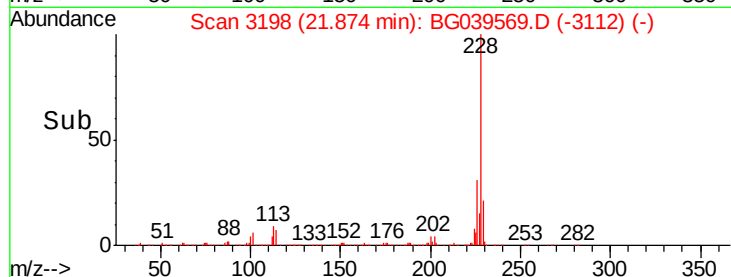
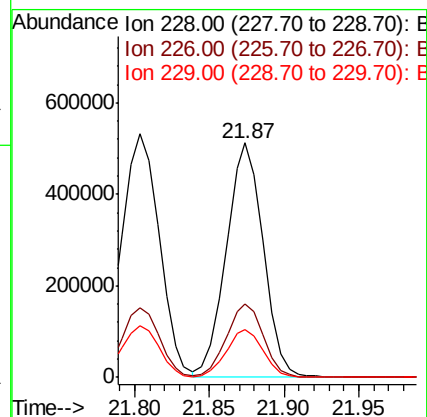
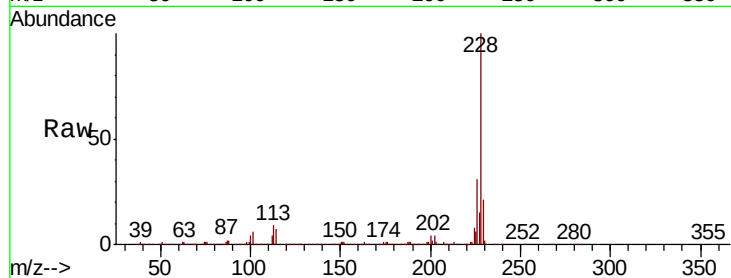
Tgt Ion:228 Resp: 881041

Ion Ratio Lower Upper

228 100

226 31.5 25.8 38.6

229 20.6 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.978 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

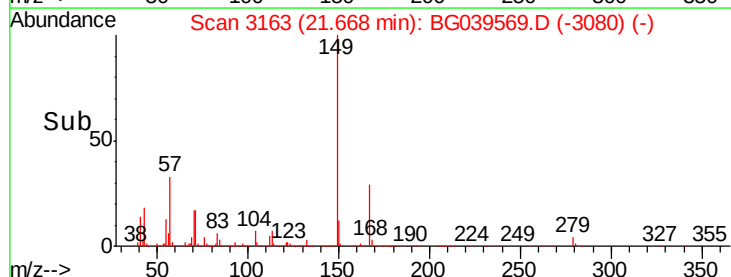
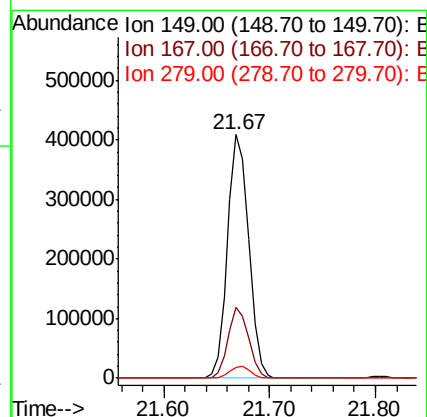
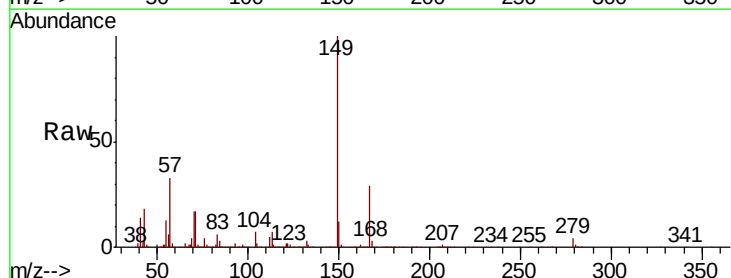
Tgt Ion:149 Resp: 568741

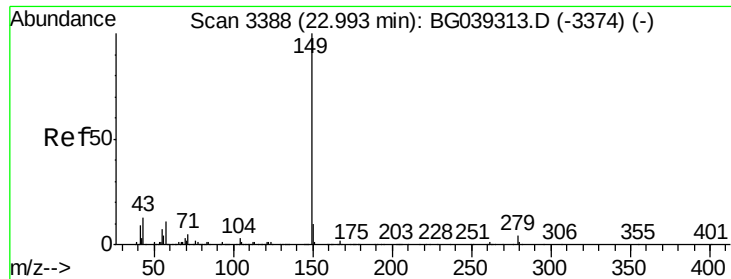
Ion Ratio Lower Upper

149 100

167 29.1 22.6 34.0

279 4.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 43.085 ng

RT: 22.93 min Scan# 3378

Delta R.T. -0.06 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

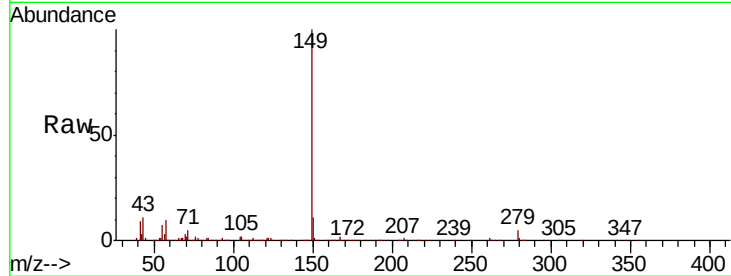
Tgt Ion:149 Resp: 964388

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

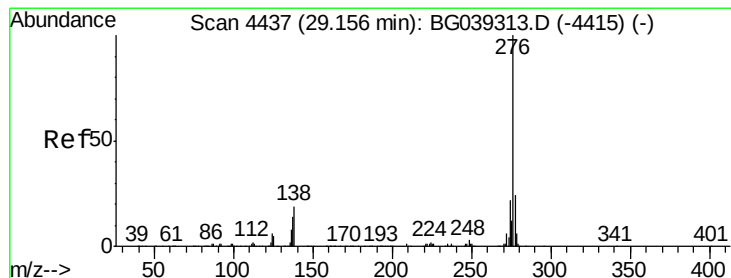
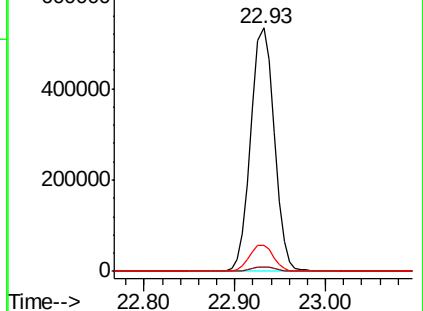
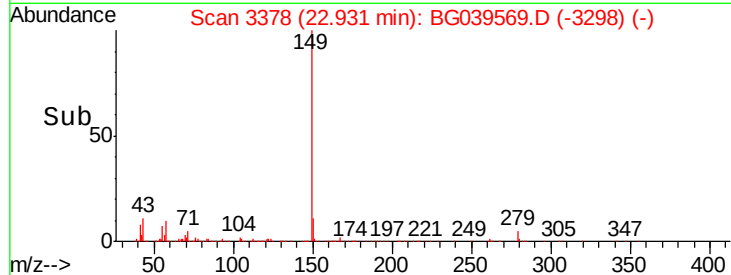
43 10.9 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.603 ng

RT: 29.09 min Scan# 4426

Delta R.T. -0.07 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

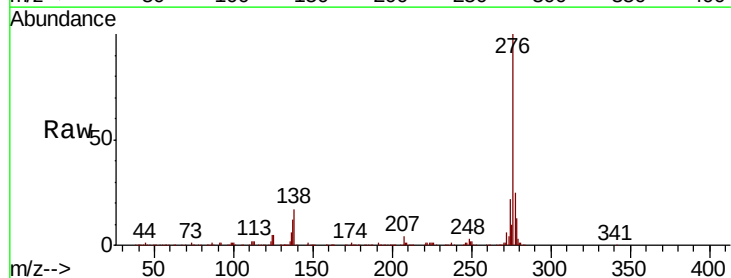
Tgt Ion:276 Resp: 951641

Ion Ratio Lower Upper

276 100

138 12.2 12.6 19.0#

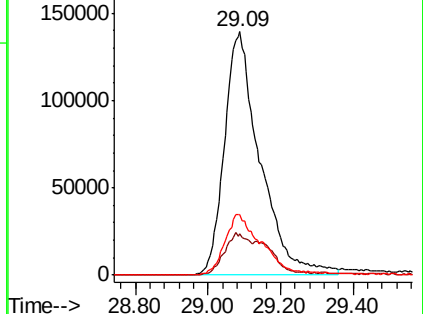
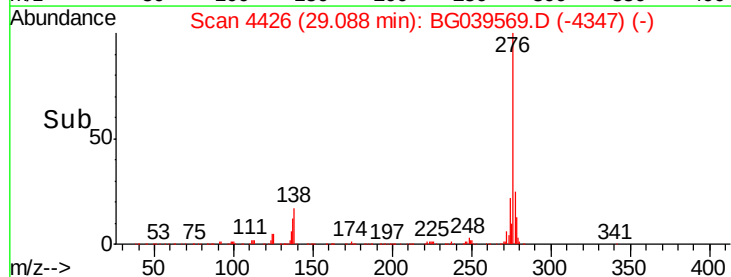
277 25.4 20.8 31.2

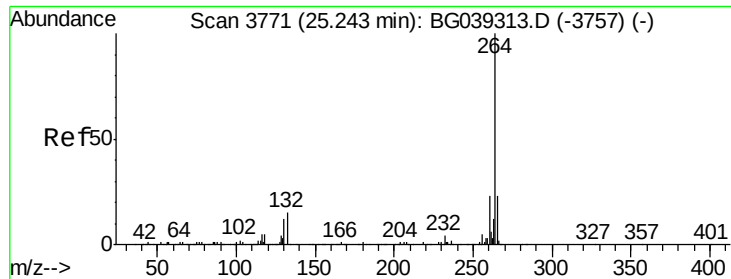


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3764

Delta R.T. -0.04 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

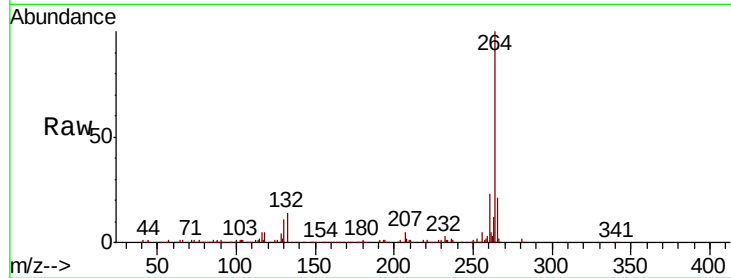
Tgt Ion:264 Resp: 358865

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

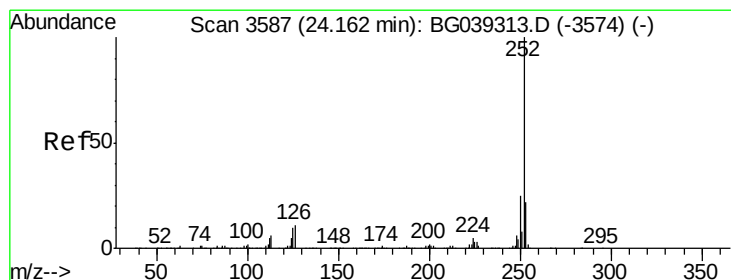
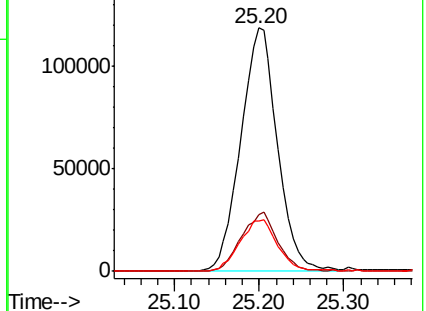
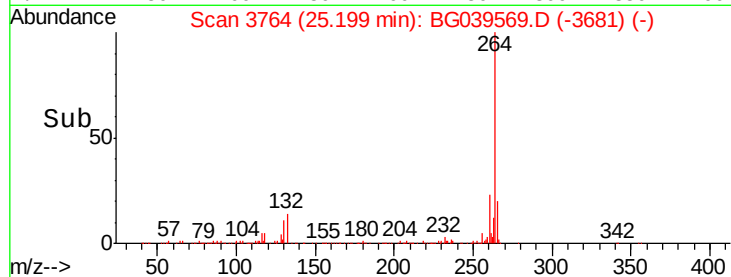
265 20.8 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.219 ng

RT: 24.12 min Scan# 3581

Delta R.T. -0.04 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

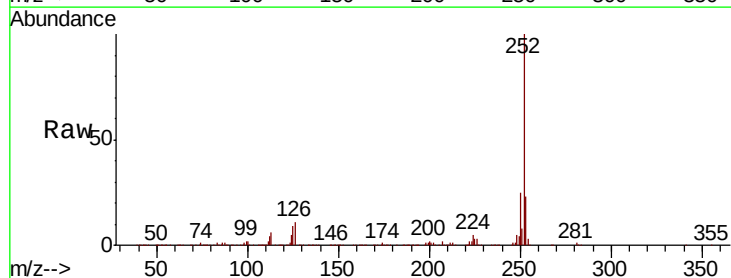
Tgt Ion:252 Resp: 884976

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

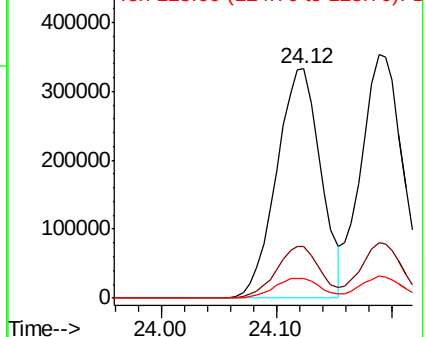
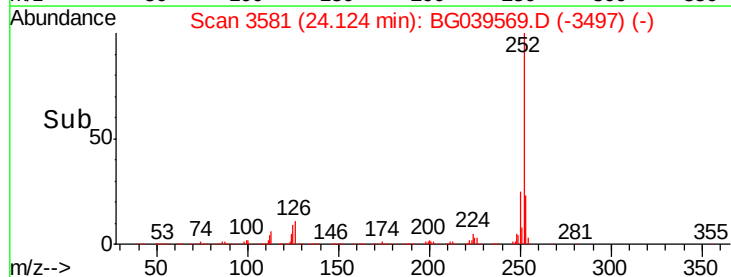
125 8.8 7.8 11.6

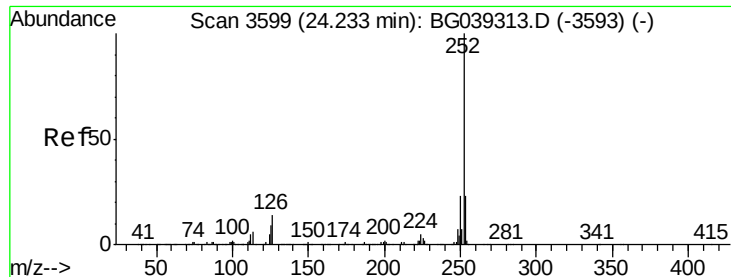


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

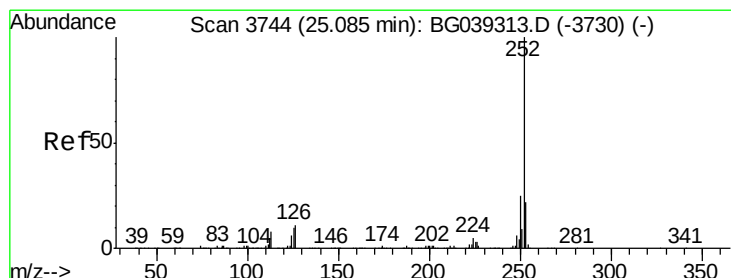
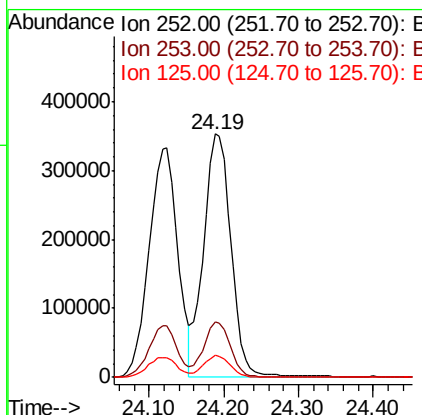
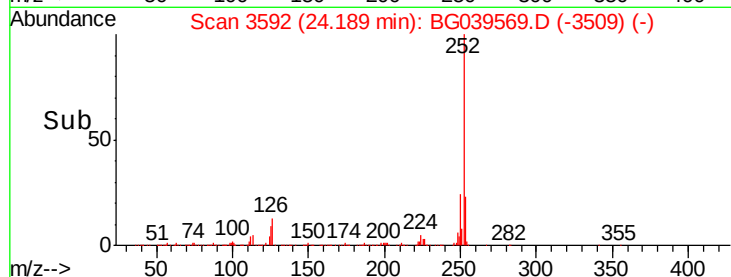
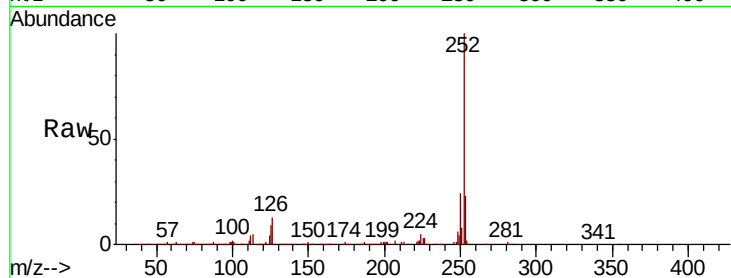




#89
Benzo(k)fluoranthene
Concen: 45.530 ng
RT: 24.19 min Scan# 3592
Delta R.T. -0.04 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

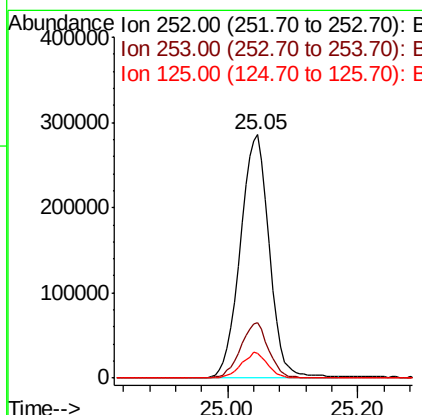
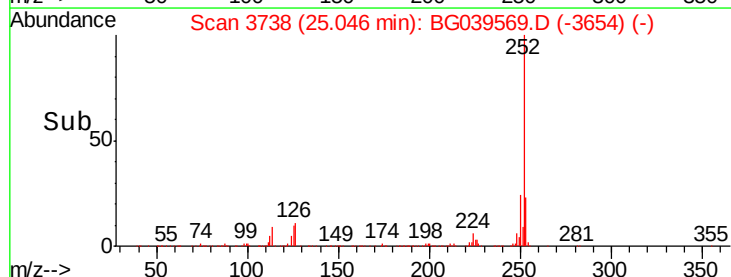
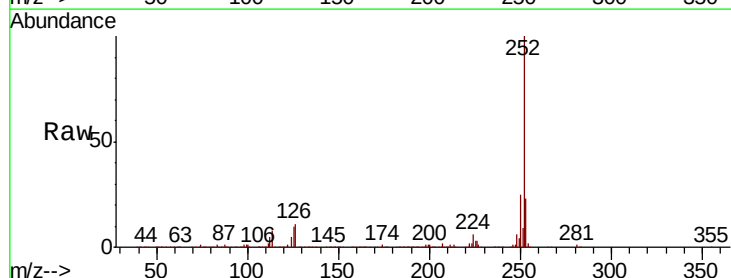
Instrument :
BNA_G
ClientSampleId :
PB117221BS

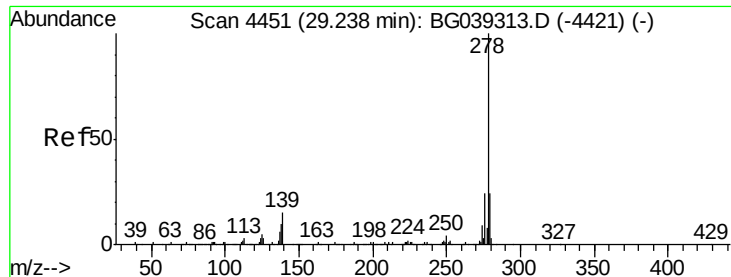
Tgt Ion:252 Resp: 894599
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 9.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 46.553 ng
RT: 25.05 min Scan# 3738
Delta R.T. -0.04 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion:252 Resp: 877443
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 10.0 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 43.008 ng

RT: 29.16 min Scan# 4438

Delta R.T. -0.08 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

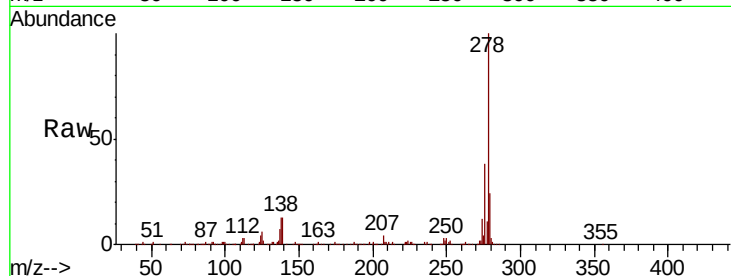
Tgt Ion:278 Resp: 759143

Ion Ratio Lower Upper

278 100

139 13.5 11.7 17.5

279 23.7 19.1 28.7

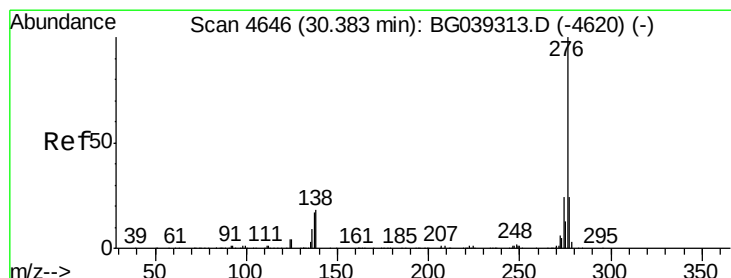
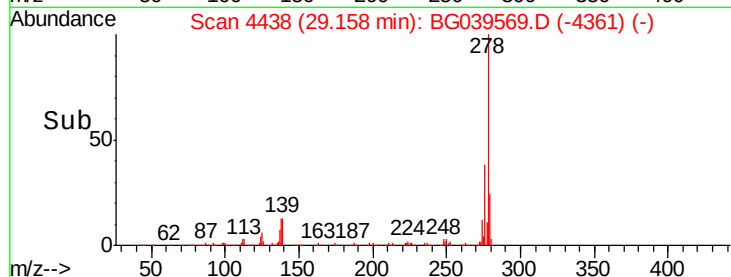
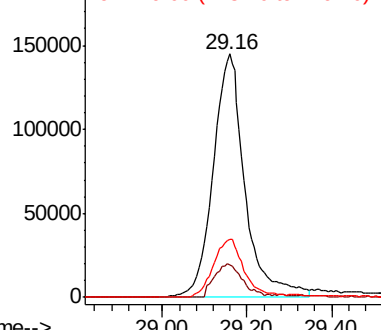


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 42.685 ng

RT: 30.31 min Scan# 4634

Delta R.T. -0.07 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

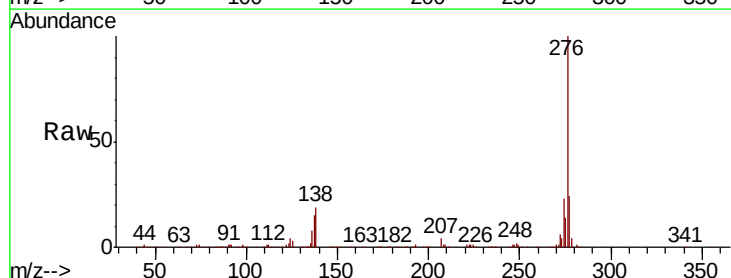
Tgt Ion:276 Resp: 750991

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 18.8 14.7 22.1



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

