

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061019\
 Data File : BG041169.D
 Acq On : 10 Jun 2019 18:54
 Operator : HP/JU
 Sample : PB120476BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120476BS

Quant Time: Jun 11 03:49:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	41406	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	175306	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	127309	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	317766	20.00	ng	0.00
76) Chrysene-d12	21.76	240	313908	20.00	ng	0.00
87) Perylene-d12	25.09	264	314703	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	365741	159.28	ng	0.00
7) Phenol-d6	7.26	99	549823	155.04	ng	0.01
23) Nitrobenzene-d5	9.29	82	367530	93.07	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	284245	150.39	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	858178	97.08	ng	0.00
79) Terphenyl-d14	20.08	244	1464643	99.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	35539	34.107	ng	# 93
3) Pyridine	3.91	79	103202	33.472	ng	98
4) n-Nitrosodimethylamine	3.83	42	63781	44.573	ng	92
6) Aniline	7.43	93	93981	19.854	ng	100
8) 2-Chlorophenol	7.66	128	131080	47.882	ng	96
9) Benzaldehyde	7.25	77	44312	20.947	ng	91
10) Phenol	7.29	94	180967	47.593	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	117478	42.589	ng	98
12) 1,3-Dichlorobenzene	7.99	146	136136	41.637	ng	97
13) 1,4-Dichlorobenzene	8.14	146	138098	41.727	ng	99
14) 1,2-Dichlorobenzene	8.46	146	134859	41.967	ng	97
15) Benzyl Alcohol	8.35	79	148616	45.303	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.63	45	179459	39.814	ng	99
17) 2-Methylphenol	8.54	107	127837	46.434	ng	98
18) Hexachloroethane	9.19	117	51543	40.408	ng	93
19) n-Nitroso-di-n-propylamine	8.92	70	114653	42.012	ng	98
20) 3+4-Methylphenols	8.87	107	170648	44.748	ng	95
22) Acetophenone	8.94	105	217138	44.155	ng	97
24) Nitrobenzene	9.33	77	177239	44.043	ng	99
25) Isophorone	9.84	82	315227	41.946	ng	98
26) 2-Nitrophenol	10.04	139	79627	47.997	ng	89
27) 2,4-Dimethylphenol	10.08	122	140552	51.297	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	172385	42.501	ng	100
29) 2,4-Dichlorophenol	10.57	162	161235	46.340	ng	95
30) 1,2,4-Trichlorobenzene	10.78	180	170709	43.129	ng	98
31) Naphthalene	10.98	128	415331	44.126	ng	98
32) Benzoic acid	10.24	122	90601	43.453	ng	92
33) 4-Chloroaniline	11.10	127	42714	9.781	ng	96
34) Hexachlorobutadiene	11.24	225	122795	40.545	ng	97
35) Caprolactam	11.89	113	30277	26.351	ng	97
36) 4-Chloro-3-methylphenol	12.20	107	178416	44.899	ng	98
37) 2-Methylnaphthalene	12.58	142	319246	44.039	ng	99
38) 1-Methylnaphthalene	12.79	142	307205	44.971	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	236799	46.148	ng	99

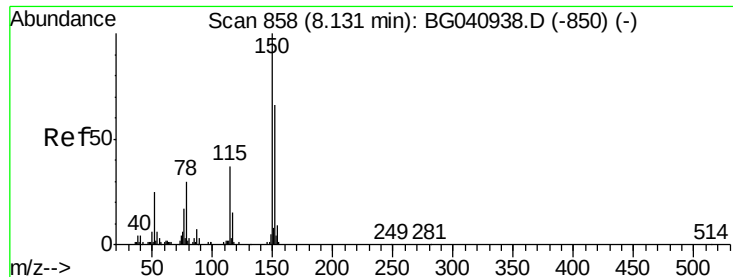
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061019\
 Data File : BG041169.D
 Acq On : 10 Jun 2019 18:54
 Operator : HP/JU
 Sample : PB120476BS
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Instrument :
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Quant Time: Jun 11 03:49:30 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	275978	97.990	ng	98
43) 2,4,6-Trichlorophenol	13.18	196	152833	46.042	ng	94
44) 2,4,5-Trichlorophenol	13.25	196	163545	46.716	ng	98
46) 1,1'-Biphenyl	13.57	154	434728	46.132	ng	100
47) 2-Chloronaphthalene	13.62	162	360413	44.550	ng	99
48) 2-Nitroaniline	13.83	65	130500	44.964	ng	93
49) Acenaphthylene	14.47	152	558834	45.896	ng	99
50) Dimethylphthalate	14.19	163	463293	42.990	ng	100
51) 2,6-Dinitrotoluene	14.32	165	103768	44.659	ng	98
52) Acenaphthene	14.80	154	326704	44.292	ng	98
53) 3-Nitroaniline	14.66	138	55862	24.042	ng	99
54) 2,4-Dinitrophenol	14.86	184	138496	102.266	ng	92
55) Dibenzofuran	15.14	168	566772	45.665	ng	97
56) 4-Nitrophenol	14.96	139	155712	97.705	ng	96
57) 2,4-Dinitrotoluene	15.10	165	150087	45.727	ng	# 97
58) Fluorene	15.78	166	447591	45.283	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	166877	48.505	ng	98
60) Diethylphthalate	15.54	149	463995	42.189	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	281016	43.740	ng	98
62) 4-Nitroaniline	15.82	138	104832	42.618	ng	97
63) Azobenzene	16.06	77	437887	43.806	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	95459	54.618	ng	98
66) n-Nitrosodiphenylamine	15.99	169	403623	45.185	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	183666	42.829	ng	98
68) Hexachlorobenzene	16.78	284	193124	42.292	ng	98
69) Atrazine	16.93	200	165184	47.924	ng	98
70) Pentachlorophenol	17.12	266	235073	95.239	ng	95
71) Phenanthrene	17.53	178	758126	45.803	ng	99
72) Anthracene	17.62	178	778970	47.717	ng	100
73) Carbazole	17.89	167	671549	47.943	ng	100
74) Di-n-butylphthalate	18.42	149	773383	44.424	ng	99
75) Fluoranthene	19.53	202	965711	47.236	ng	99
77) Benzidine	19.71	184	186413	24.894	ng	95
78) Pyrene	19.89	202	969628	47.517	ng	99
80) Butylbenzylphthalate	20.75	149	361184	45.482	ng	98
81) Benzo(a)anthracene	21.74	228	937823	44.881	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	162157	22.064	ng	96
83) Chrysene	21.81	228	926757	46.346	ng	97
84) Bis(2-ethylhexyl)phthalate	21.61	149	487424	43.602	ng	100
85) Di-n-octyl phthalate	22.85	149	827829	44.464	ng	99
86) Indeno(1,2,3-cd)pyrene	28.90	276	898397	36.677	ng	98
88) Benzo(b)fluoranthene	24.02	252	904745	47.399	ng	100
89) Benzo(k)fluoranthene	24.09	252	924068	48.922	ng	98
90) Benzo(a)pyrene	24.93	252	889846	48.863	ng	96
91) Dibenzo(a,h)anthracene	28.98	278	726393	39.919	ng	99
92) Benzo(g,h,i)perylene	30.13	276	712769	40.318	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

ClientSampleId :

PB120476BS

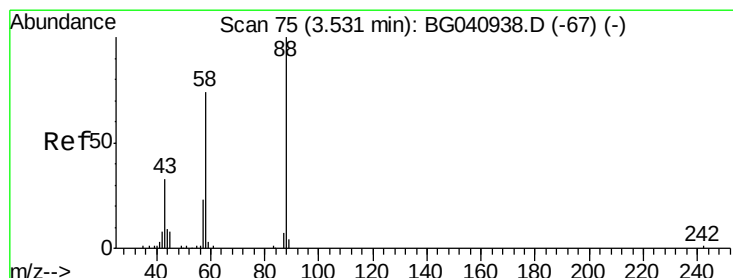
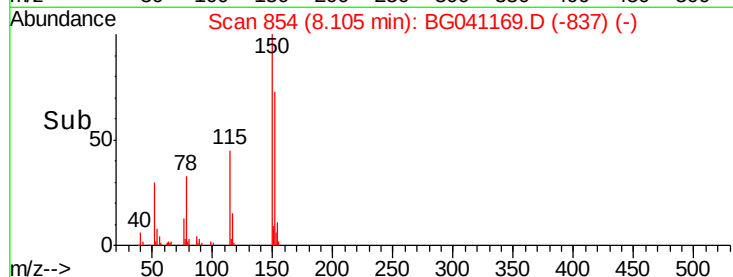
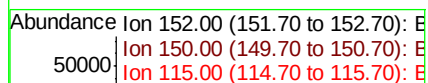
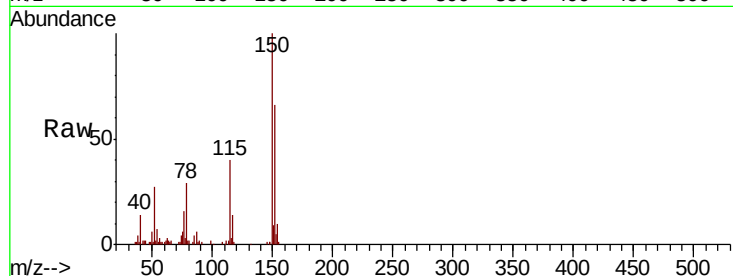
Tgt Ion:152 Resp: 41406

Ion Ratio Lower Upper

152 100

150 152.3 120.6 180.8

115 60.7 45.1 67.7



#2

1,4-Dioxane

Concen: 34.107 ng

RT: 3.50 min Scan# 70

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

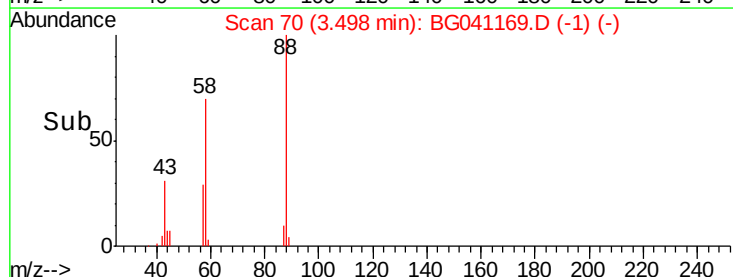
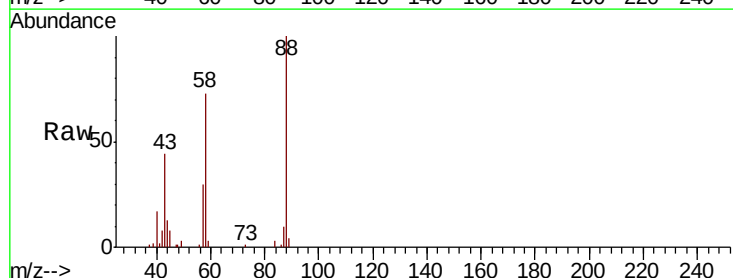
Tgt Ion: 88 Resp: 35539

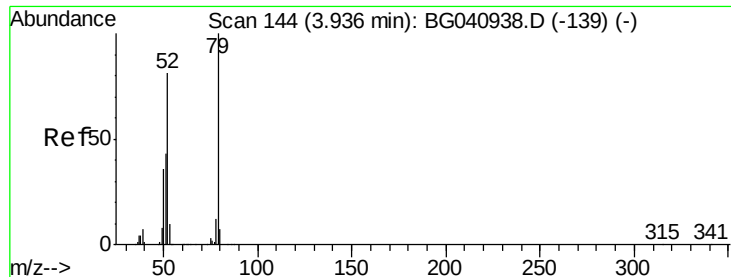
Ion Ratio Lower Upper

88 100

58 77.0 59.0 88.6

43 42.2 27.2 40.8#





#3

Pyridine

Concen: 33.472 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

ClientSampleId :

PB120476BS

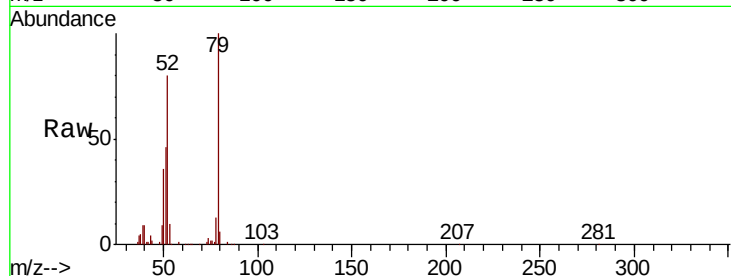
Tgt Ion: 79 Resp: 103202

Ion Ratio Lower Upper

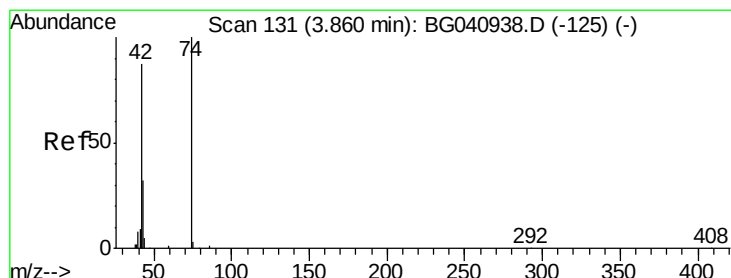
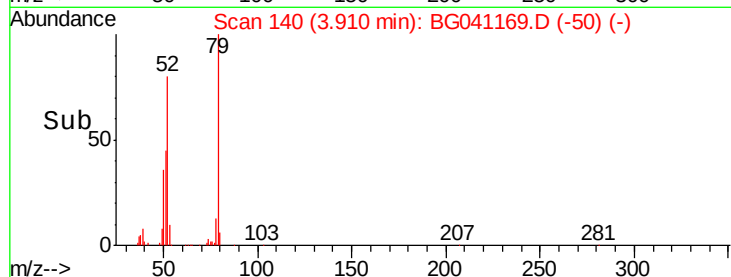
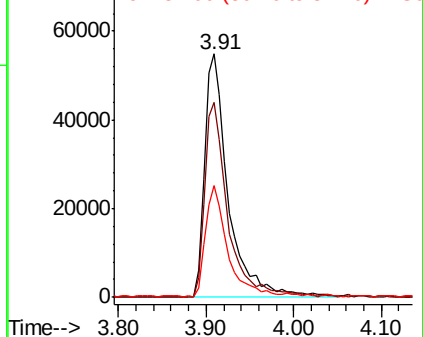
79 100

52 80.0 64.8 97.2

51 46.2 35.3 52.9



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: 44.573 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

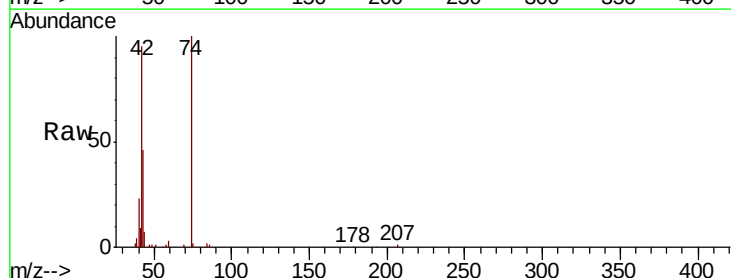
Tgt Ion: 42 Resp: 63781

Ion Ratio Lower Upper

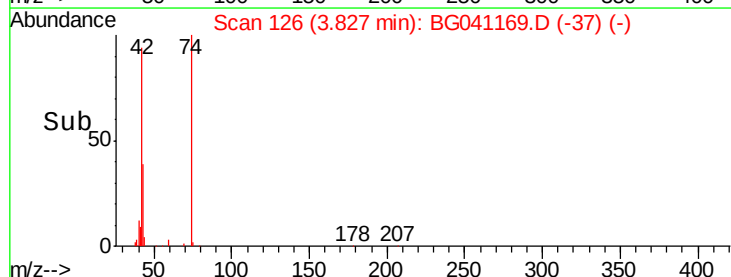
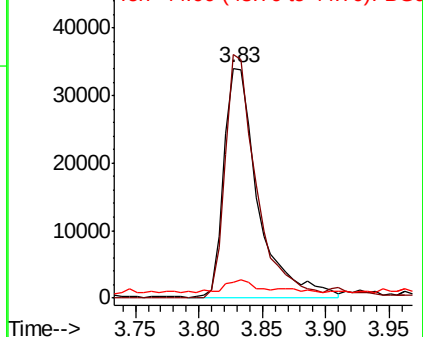
42 100

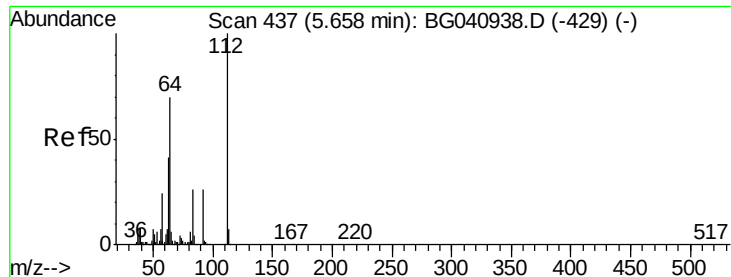
74 105.8 91.8 137.6

44 7.0 6.0 9.0



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: 159.278 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

ClientSampleId :

PB120476BS

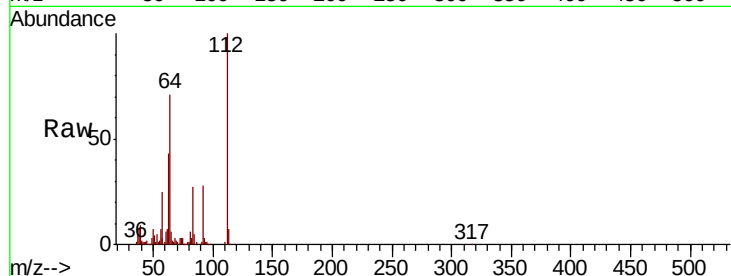
Tgt Ion: 112 Resp: 365741

Ion Ratio Lower Upper

112 100

64 71.4 56.2 84.2

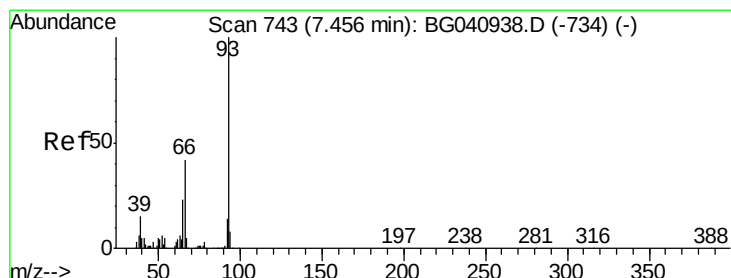
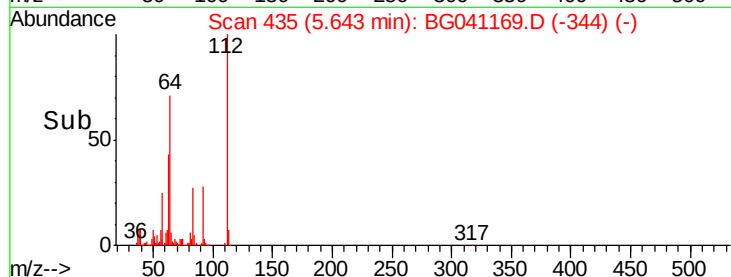
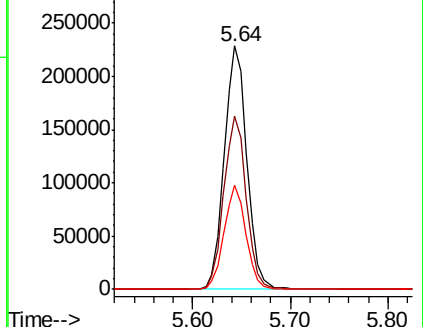
63 42.5 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.854 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

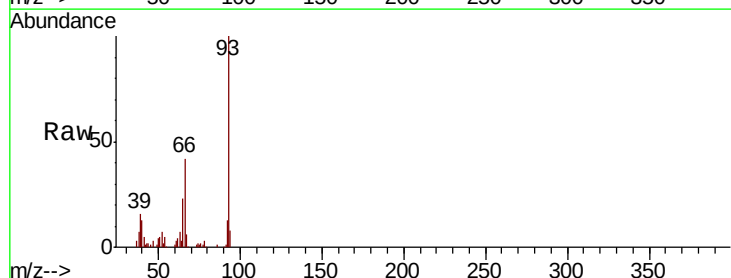
Tgt Ion: 93 Resp: 93981

Ion Ratio Lower Upper

93 100

66 42.4 33.8 50.8

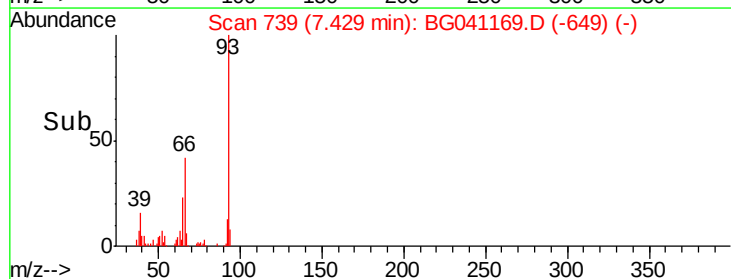
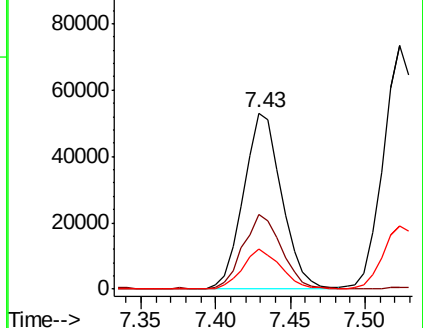
65 23.1 18.3 27.5

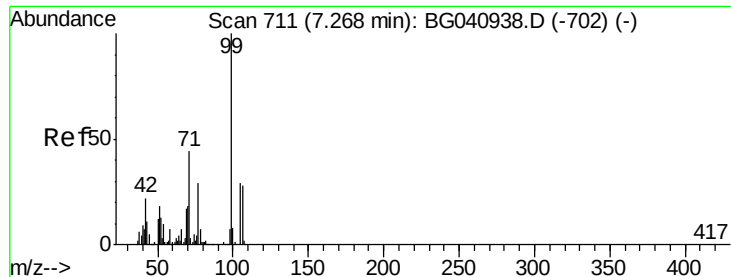


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 155.041 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

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ClientSampleId :

PB120476BS

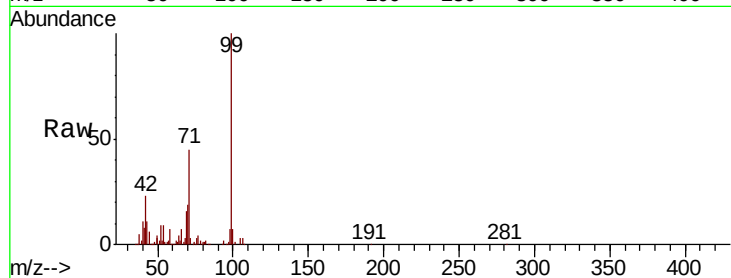
Tgt Ion: 99 Resp: 549823

Ion Ratio Lower Upper

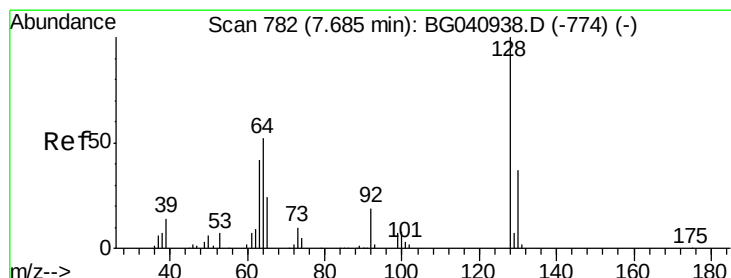
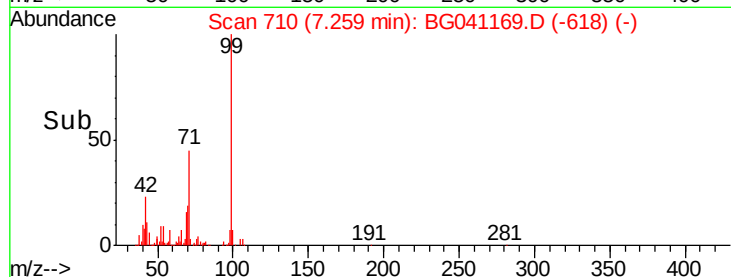
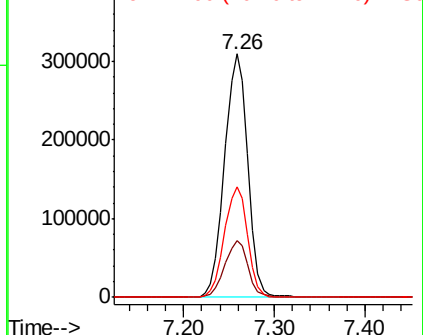
99 100

42 23.1 17.9 26.9

71 45.3 35.4 53.0



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: 47.882 ng

RT: 7.66 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

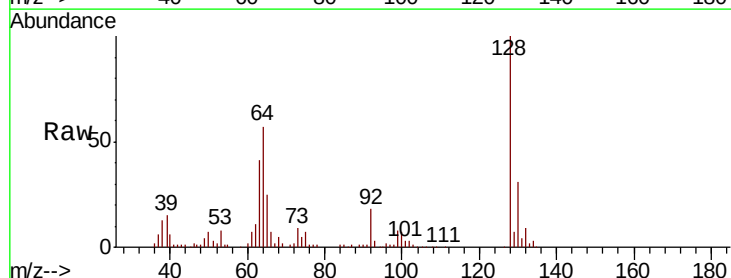
Tgt Ion: 128 Resp: 131080

Ion Ratio Lower Upper

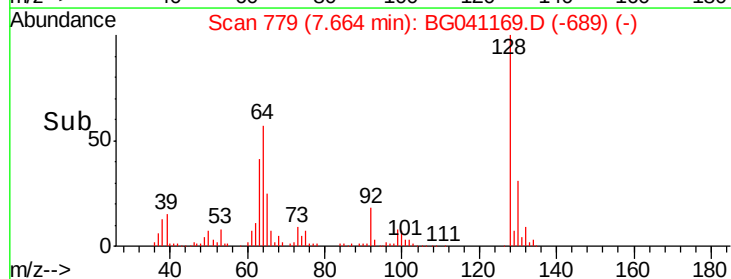
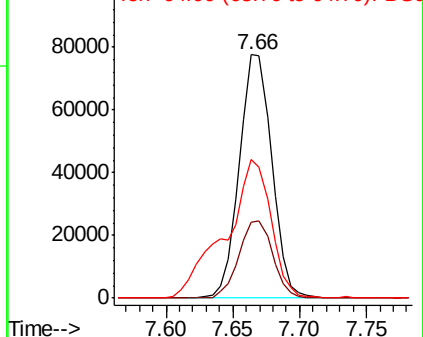
128 100

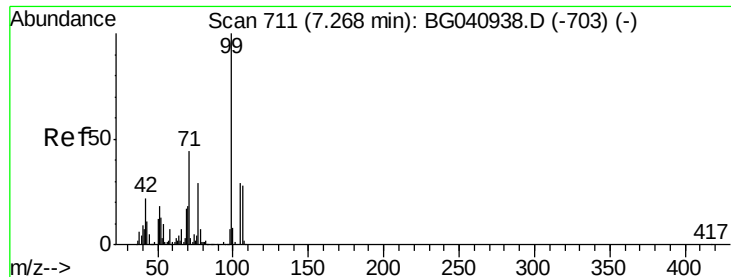
130 31.0 16.6 56.6

64 57.0 37.8 77.8



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





#9

Benzaldehyde

Concen: 20.947 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

ClientSampleId :

PB120476BS

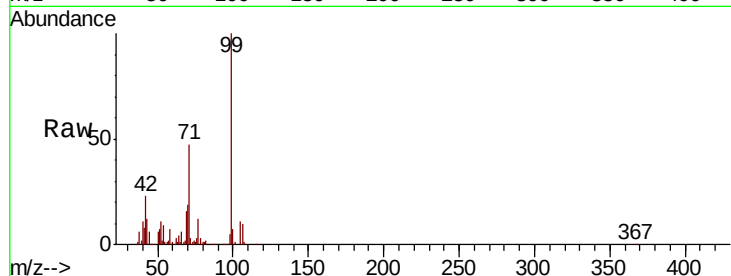
Tgt Ion: 77 Resp: 44312

Ion Ratio Lower Upper

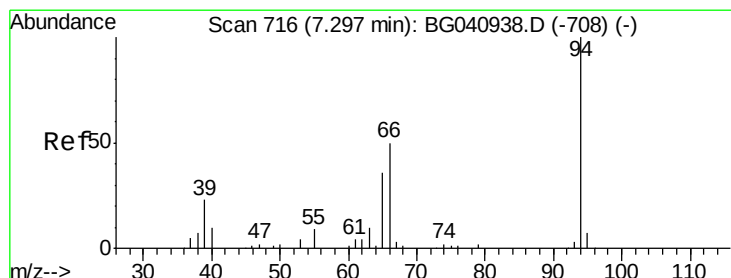
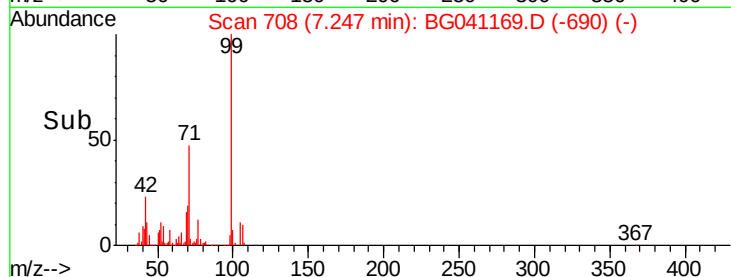
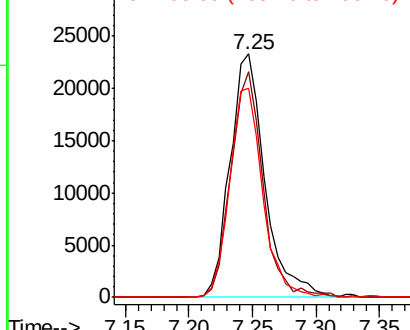
77 100

105 92.8 78.9 118.9

106 85.6 76.7 116.7



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: 47.593 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

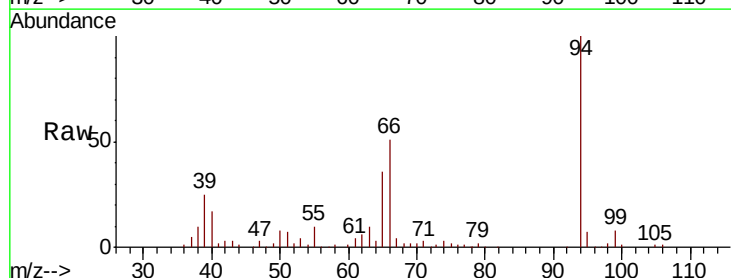
Tgt Ion: 94 Resp: 180967

Ion Ratio Lower Upper

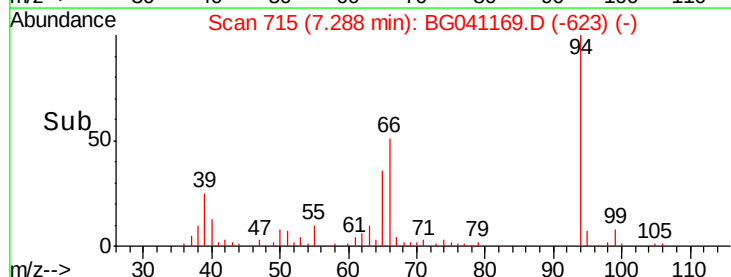
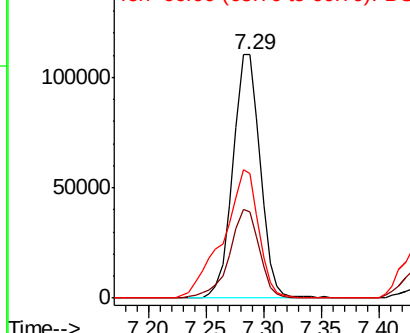
94 100

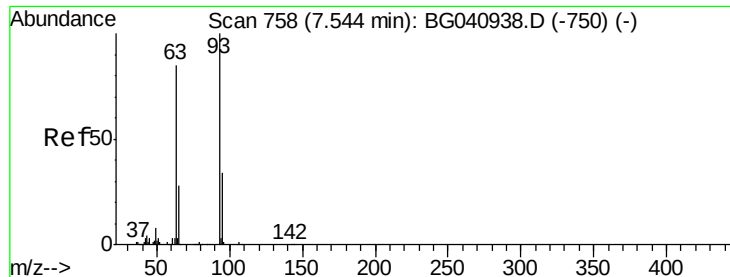
65 35.6 17.0 57.0

66 51.3 32.4 72.4



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

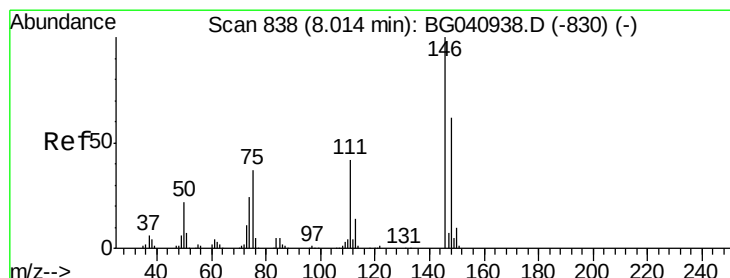
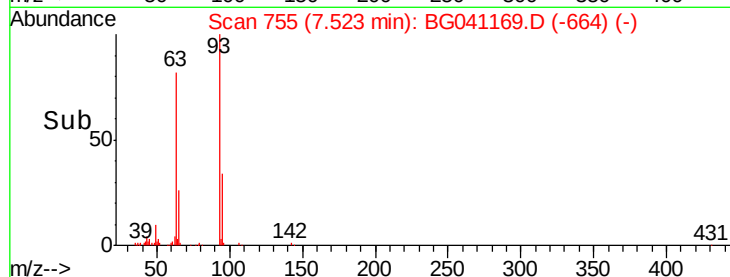
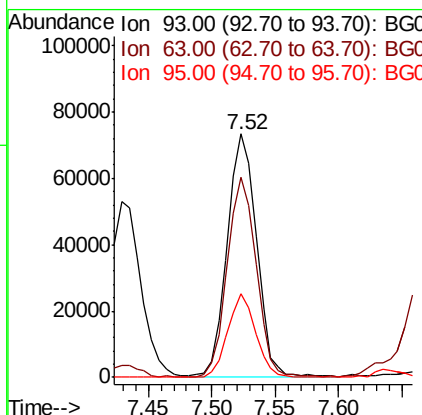
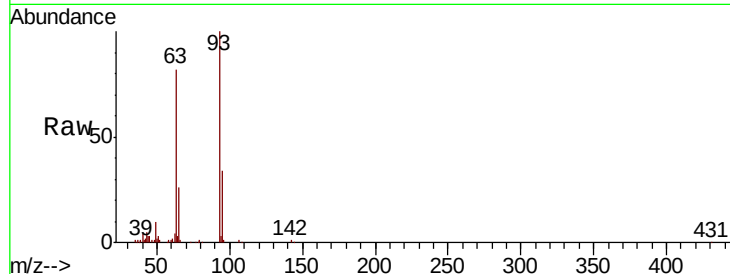




#11
 bis(2-Chloroethyl)ether
 Concen: 42.589 ng
 RT: 7.52 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

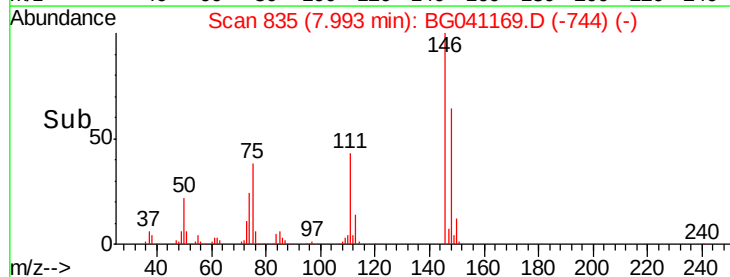
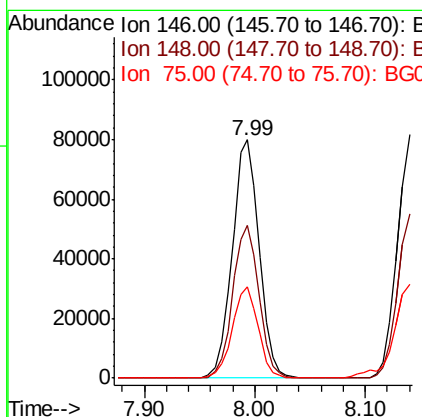
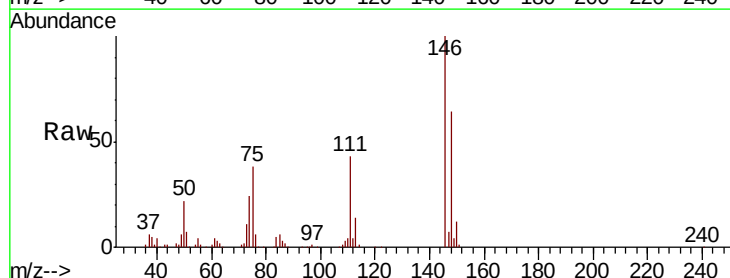
Instrument :
 BNA_G
 ClientSampleId :
 PB120476BS

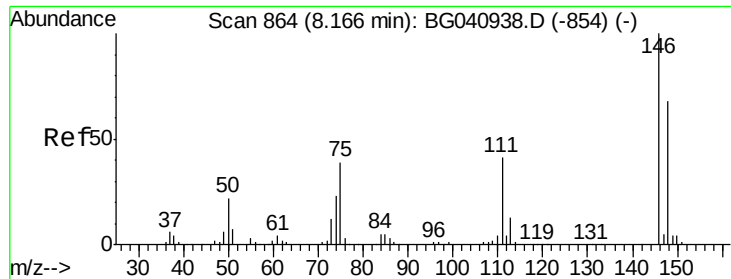
Tgt Ion: 93 Resp: 117478
 Ion Ratio Lower Upper
 93 100
 63 82.4 64.5 104.5
 95 34.2 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 41.637 ng
 RT: 7.99 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Tgt Ion: 146 Resp: 136136
 Ion Ratio Lower Upper
 146 100
 148 64.0 49.2 73.8
 75 38.1 29.4 44.0

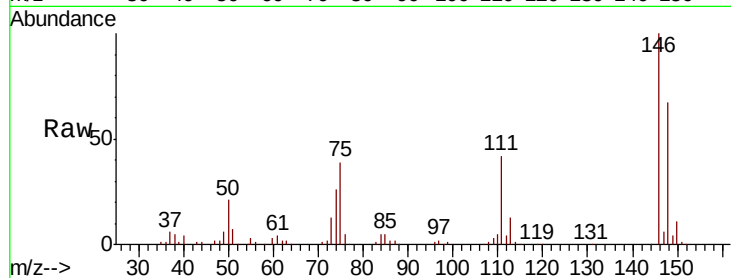




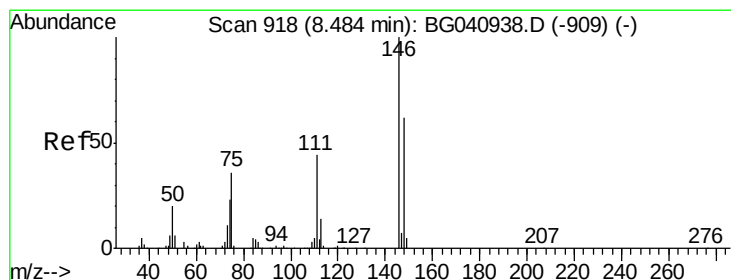
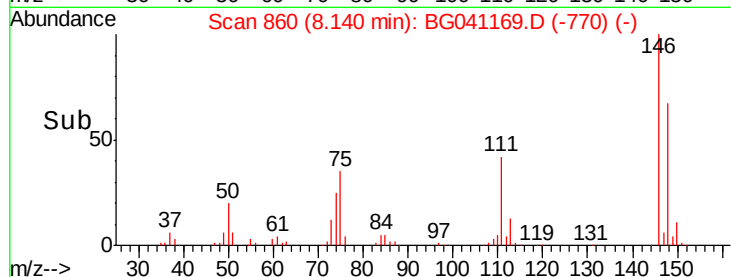
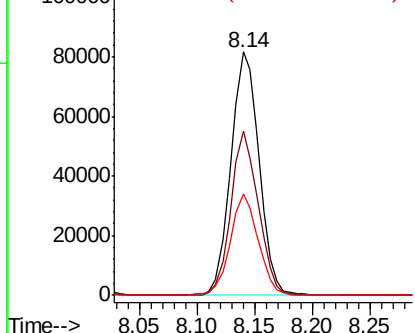
#13
 1,4-Dichlorobenzene
 Concen: 41.727 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Instrument :
 BNA_G
 ClientSampleId :
 PB120476BS

Tgt Ion:146 Resp: 138098
 Ion Ratio Lower Upper
 146 100
 148 67.5 54.2 81.4
 111 41.7 32.9 49.3

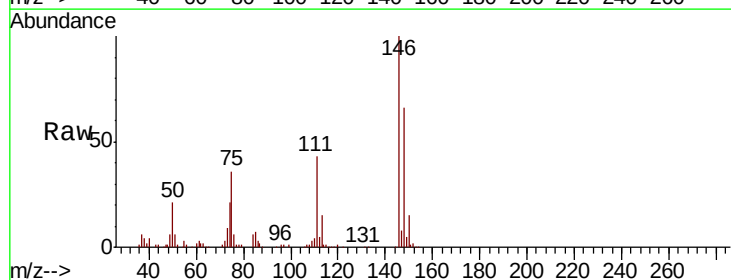


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

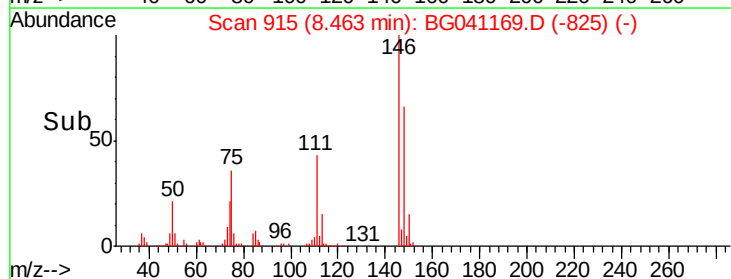
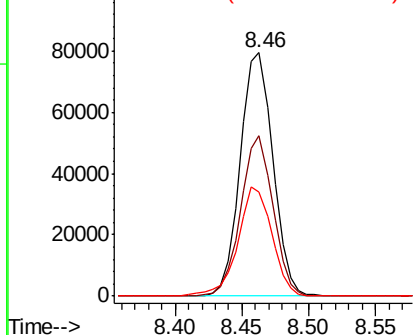


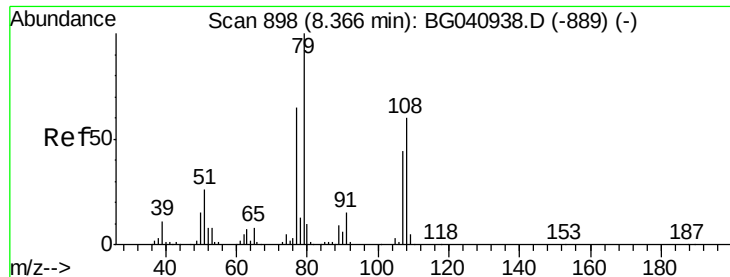
#14
 1,2-Dichlorobenzene
 Concen: 41.967 ng
 RT: 8.46 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Tgt Ion:146 Resp: 134859
 Ion Ratio Lower Upper
 146 100
 148 65.6 49.8 74.6
 111 42.8 35.0 52.4



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: 45.303 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

ClientSampleId :

PB120476BS

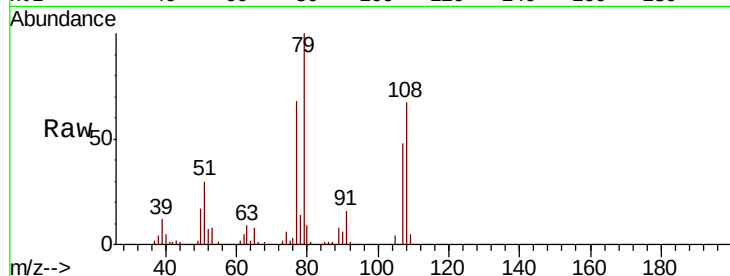
Tgt Ion: 79 Resp: 148616

Ion Ratio Lower Upper

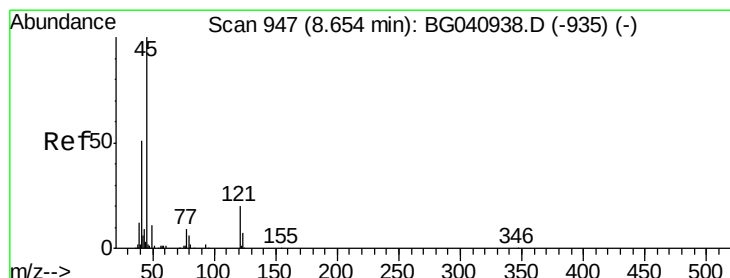
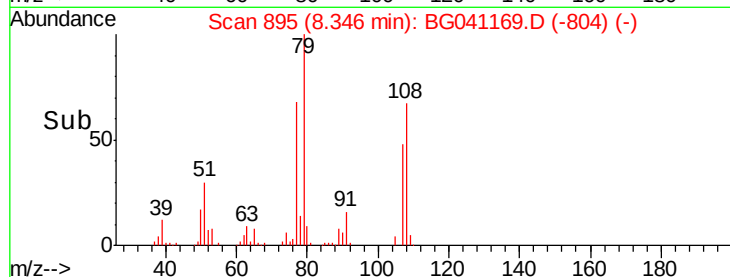
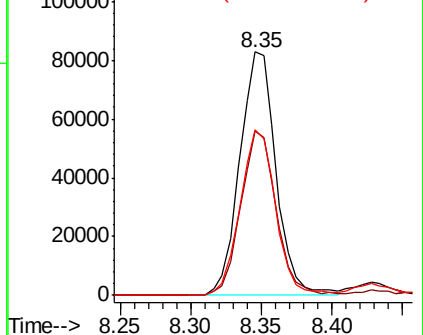
79 100

108 67.4 48.3 72.5

77 67.9 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.814 ng

RT: 8.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

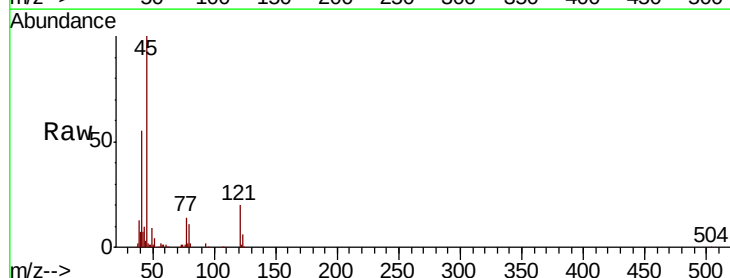
Tgt Ion: 45 Resp: 179459

Ion Ratio Lower Upper

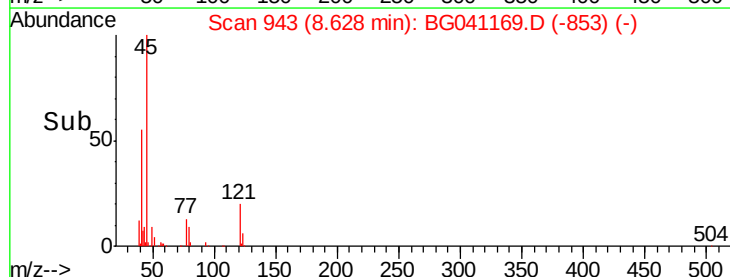
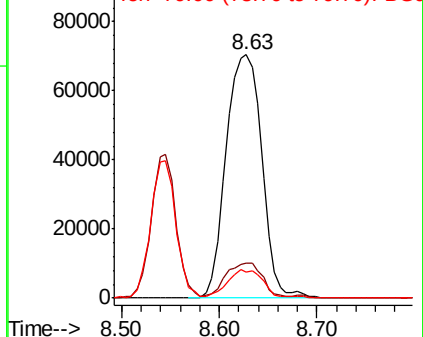
45 100

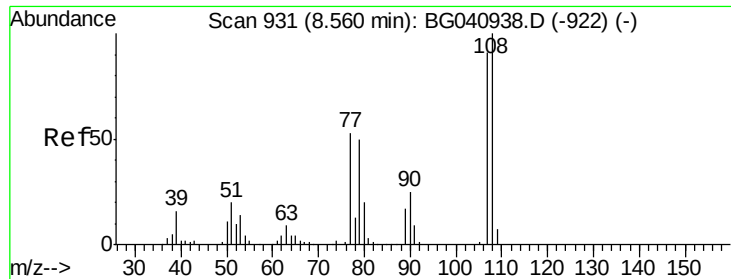
77 14.1 0.0 33.7

79 10.6 0.0 30.2



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

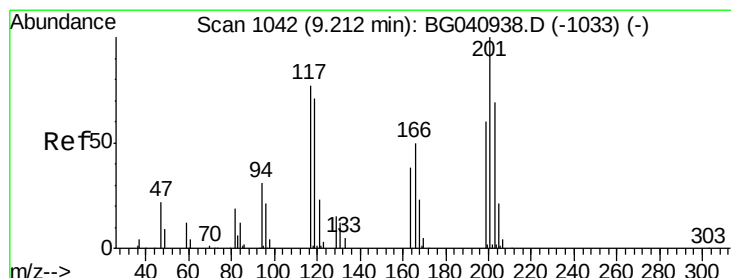
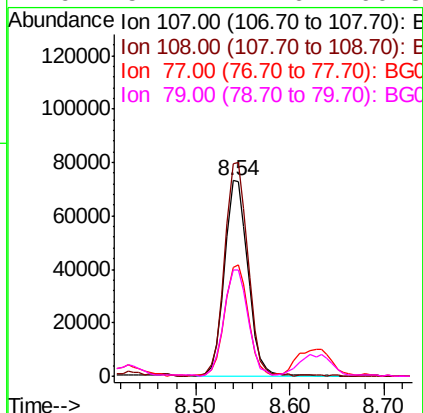
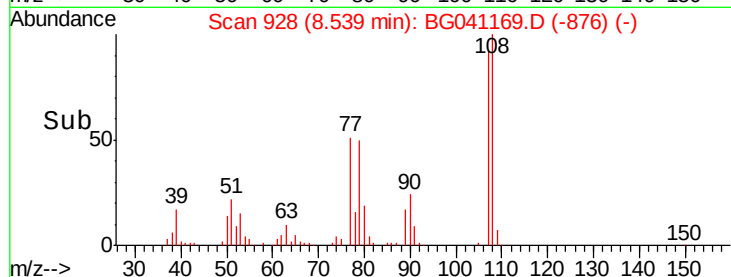
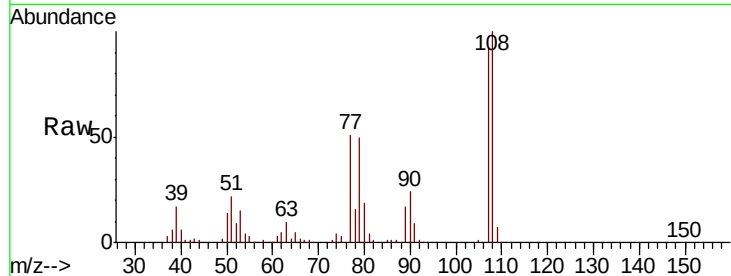




#17
2-Methylphenol
Concen: 46.434 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

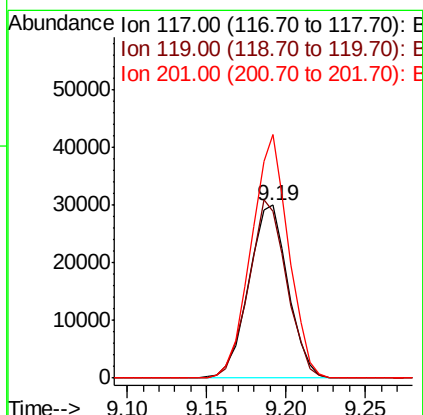
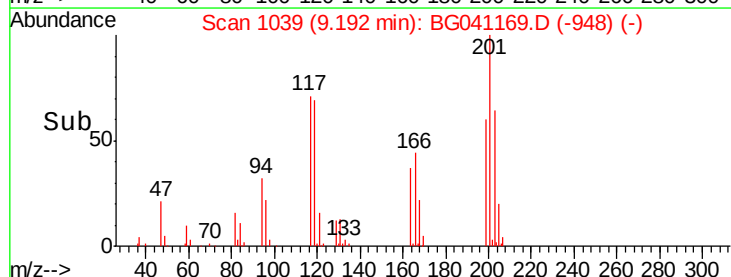
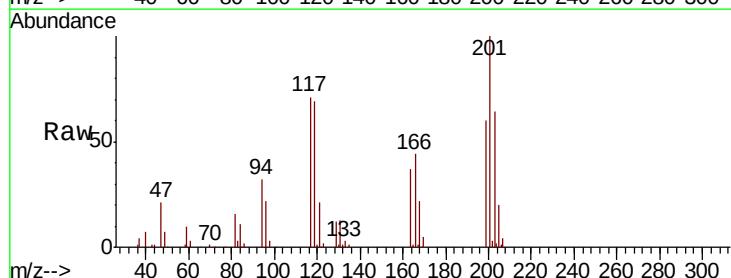
Instrument :
BNA_G
ClientSampleId :
PB120476BS

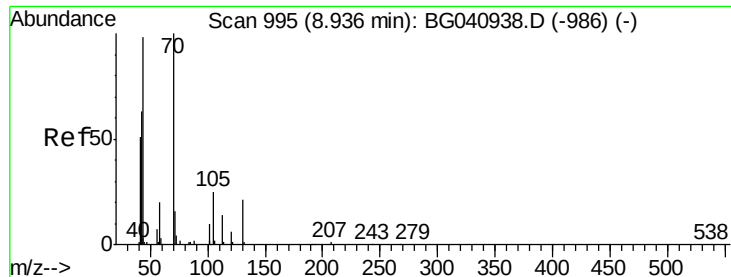
Tgt Ion:	107	Resp:	127837
Ion	Ratio	Lower	Upper
107	100		
108	108.8	87.7	131.5
77	55.9	46.6	70.0
79	54.1	44.6	66.8



#18
Hexachloroethane
Concen: 40.408 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion:	117	Resp:	51543
Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.0	112.6
201	141.0	103.5	155.3

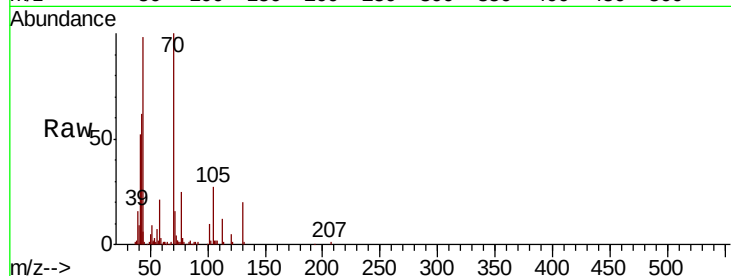




#19
n-Nitroso-di-n-propylamine
Concen: 42.012 ng
RT: 8.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tgt Ion:	70	Resp:	114653
Ion	Ratio	Lower	Upper
70	100		
42	62.5	51.5	77.3
101	9.8	8.1	12.1
130	20.4	16.6	24.8



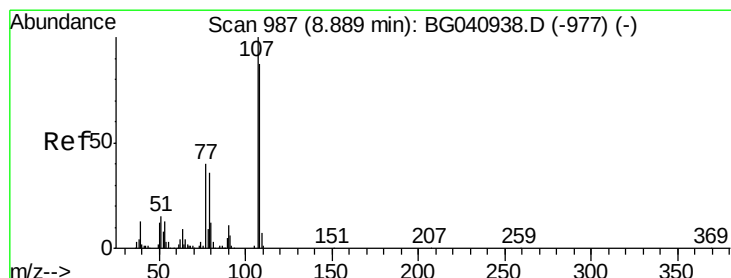
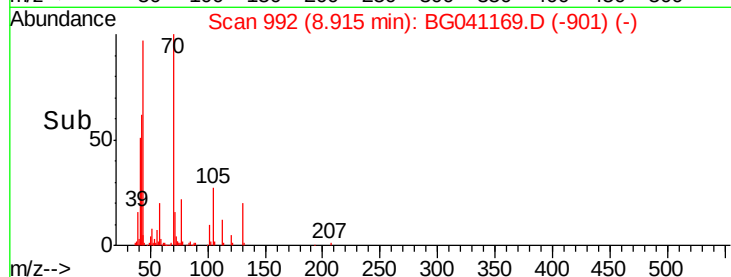
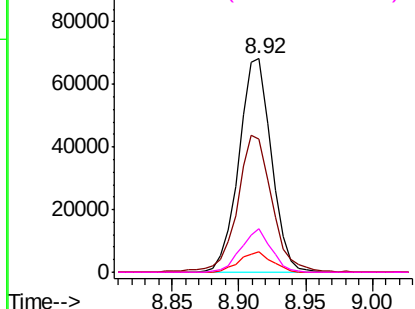
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

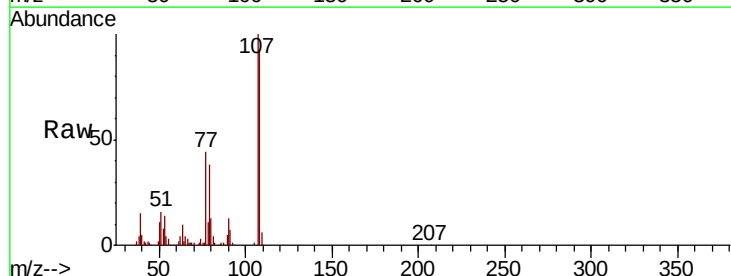
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 44.748 ng
RT: 8.87 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion:	107	Resp:	170648
Ion	Ratio	Lower	Upper
107	100		
108	91.5	66.8	106.8
77	43.8	20.5	60.5
79	38.2	15.8	55.8



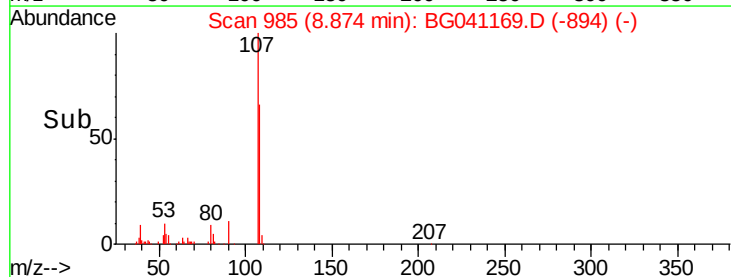
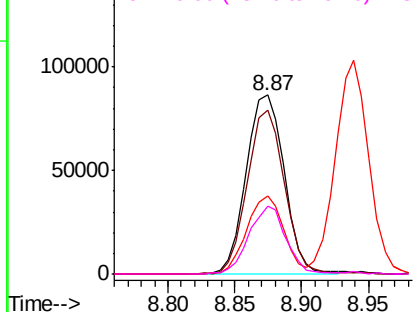
Abundance

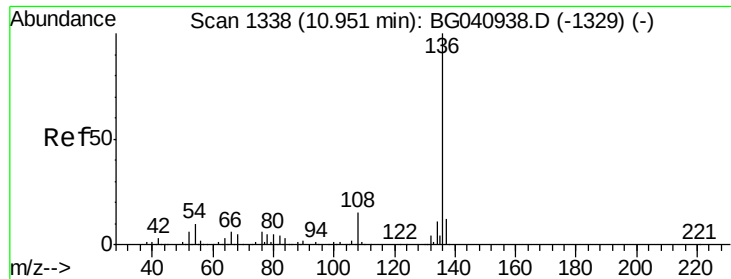
Ion 107.00 (106.70 to 107.70): BGC

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

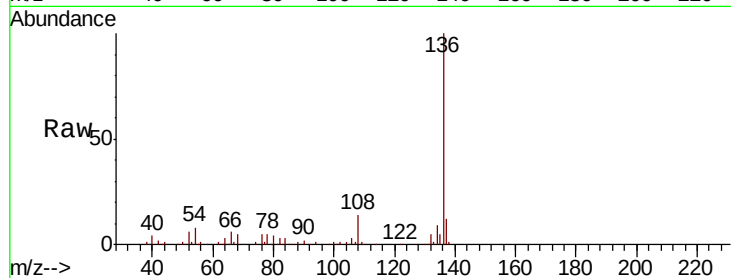




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tgt Ion:	136	Resp:	175306
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	8.4	7.6	11.4
68	4.8	3.9	5.9



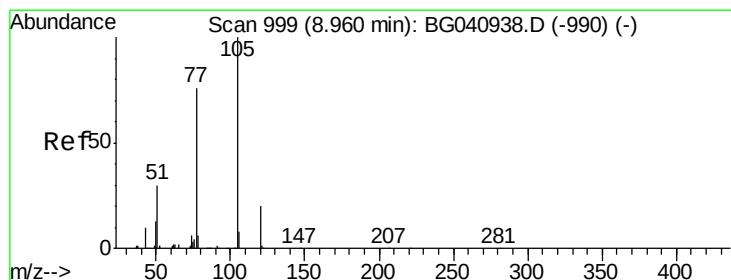
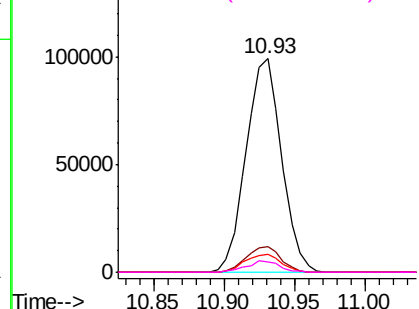
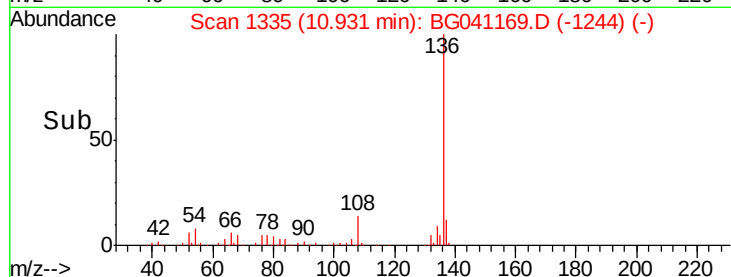
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

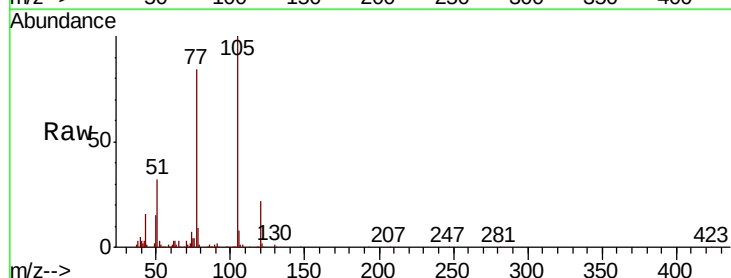
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 44.155 ng
RT: 8.94 min Scan# 996
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion:	105	Resp:	217138
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.4	0.6
51	32.1	27.0	40.6
120	22.2	16.2	24.4



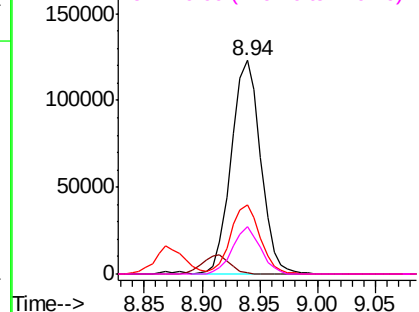
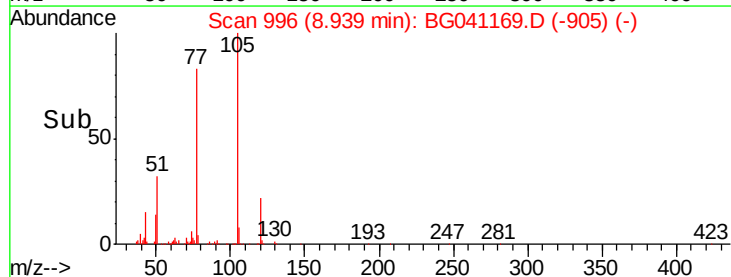
Abundance

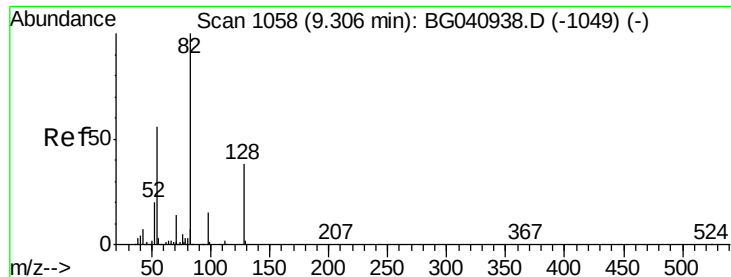
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

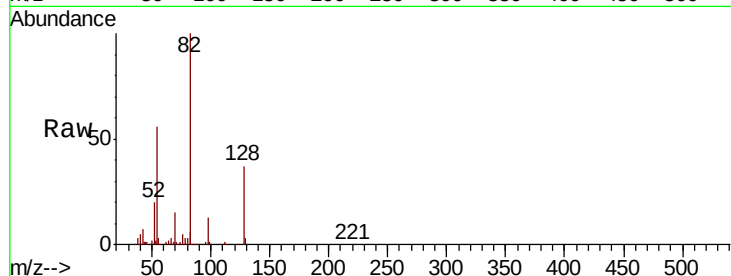




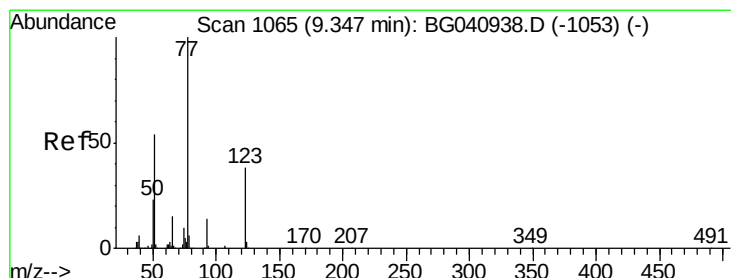
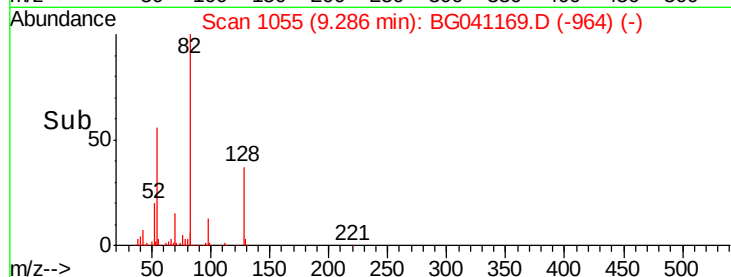
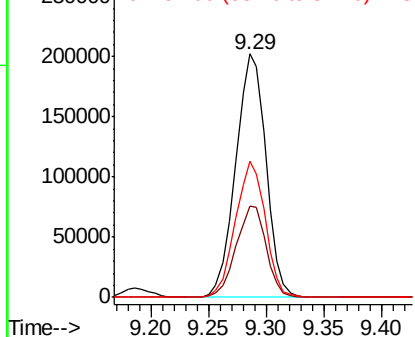
#23
 Nitrobenzene-d5
 Concen: 93.072 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Instrument :
 BNA_G
 ClientSampleId :
 PB120476BS

Tgt Ion: 82 Resp: 367530
 Ion Ratio Lower Upper
 82 100
 128 37.3 30.5 45.7
 54 55.9 44.6 66.8

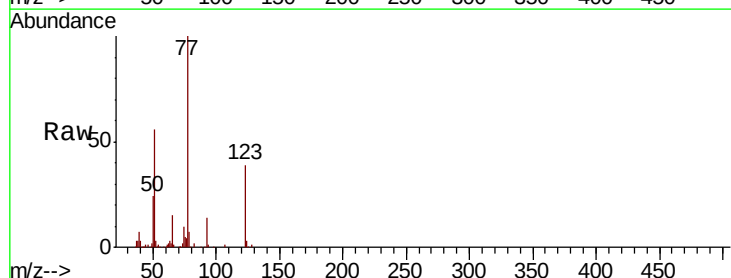


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

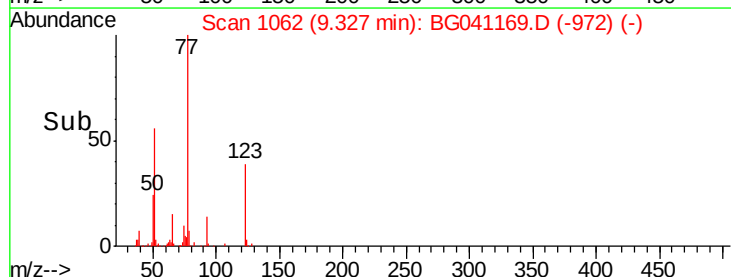
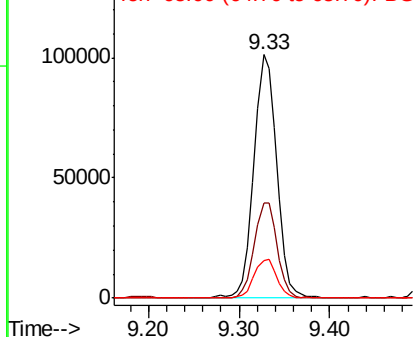


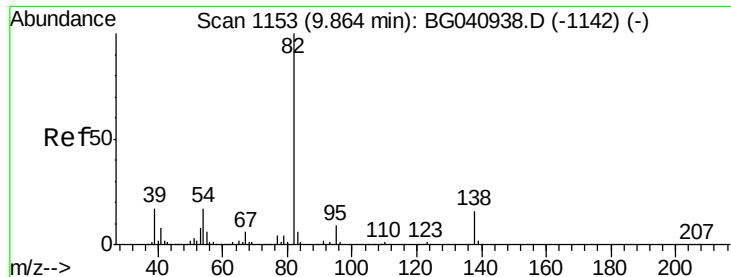
#24
 Nitrobenzene
 Concen: 44.043 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Tgt Ion: 77 Resp: 177239
 Ion Ratio Lower Upper
 77 100
 123 39.3 30.6 46.0
 65 15.5 12.3 18.5



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





#25

Isophorone

Concen: 41.946 ng

RT: 9.84 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

ClientSampleId :

PB120476BS

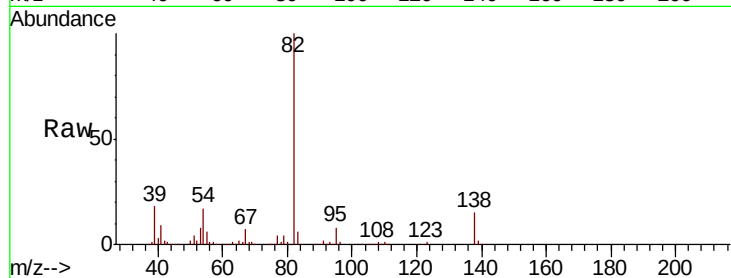
Tgt Ion: 82 Resp: 315227

Ion Ratio Lower Upper

82 100

95 8.1 7.0 10.4

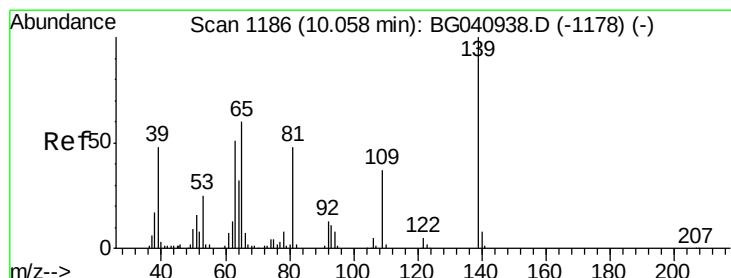
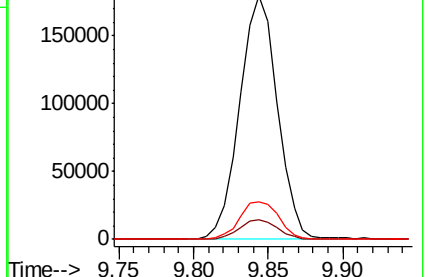
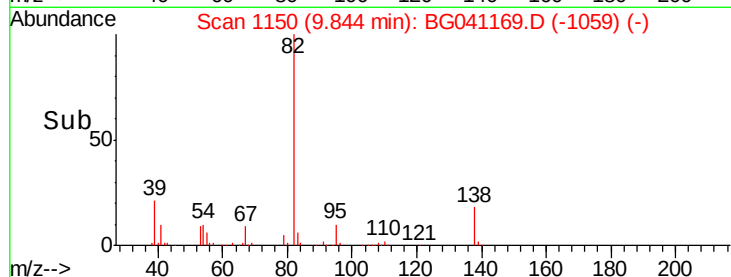
138 15.2 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BG040938.D (-1142) (-)

Ion 95.00 (94.70 to 95.70): BG040938.D (-1142) (-)

Ion 138.00 (137.70 to 138.70): BG040938.D (-1142) (-)



#26

2-Nitrophenol

Concen: 47.997 ng

RT: 10.04 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

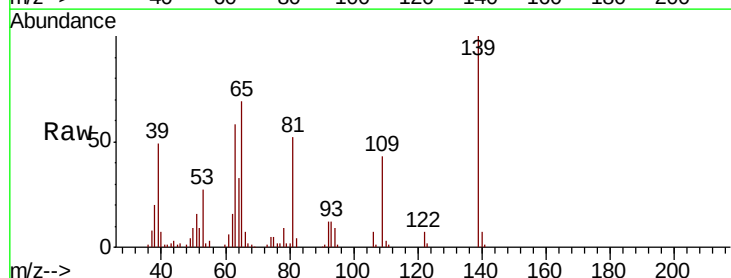
Tgt Ion: 139 Resp: 79627

Ion Ratio Lower Upper

139 100

109 43.4 29.8 44.6

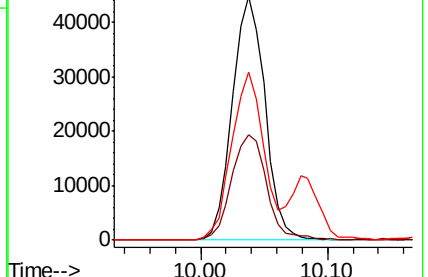
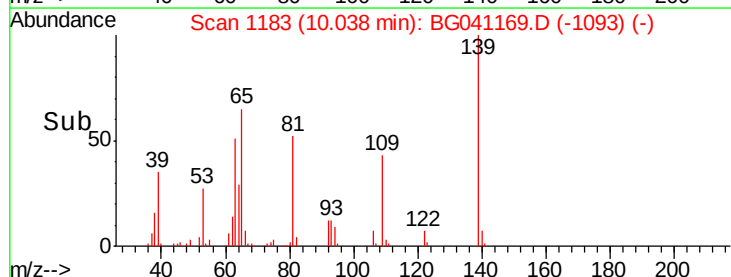
65 68.8 47.8 71.6

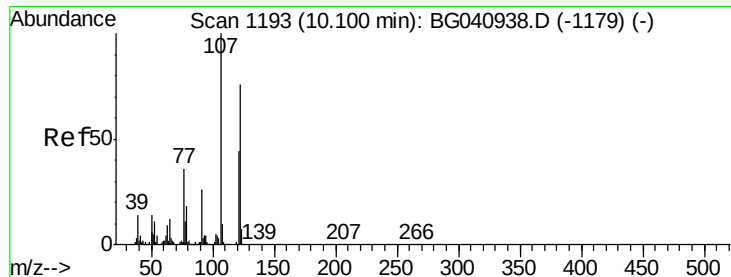


Abundance Ion 139.00 (138.70 to 139.70): BG040938.D (-1178) (-)

Ion 109.00 (108.70 to 109.70): BG040938.D (-1178) (-)

Ion 65.00 (64.70 to 65.70): BG040938.D (-1178) (-)

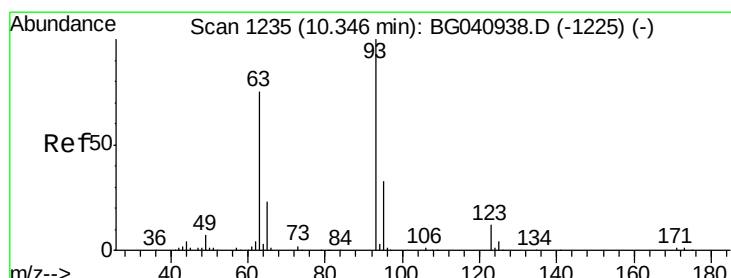
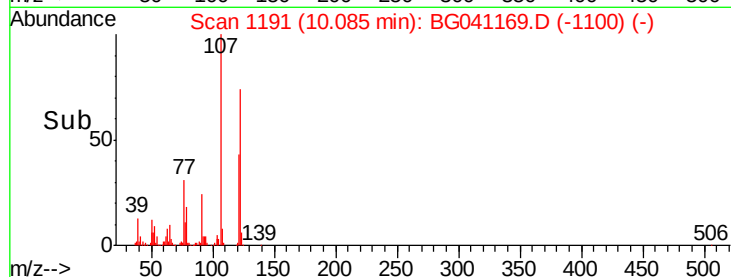
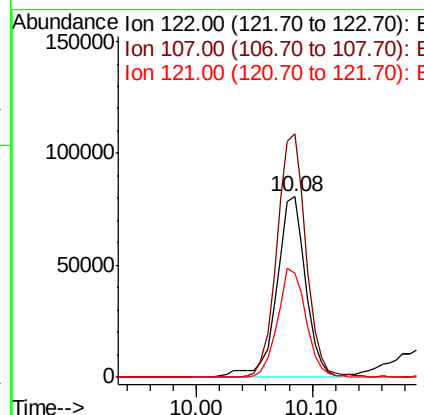
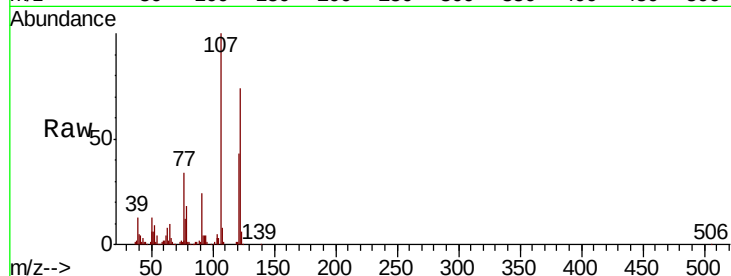




#27
 2,4-Dimethylphenol
 Concen: 51.297 ng
 RT: 10.08 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

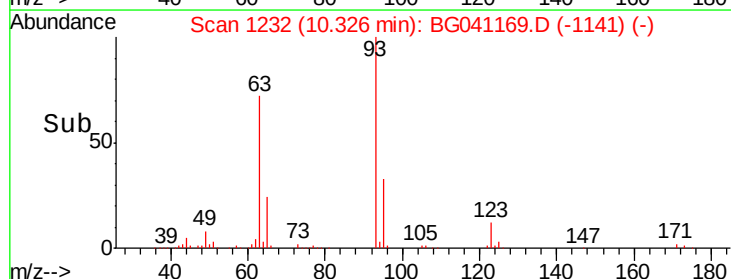
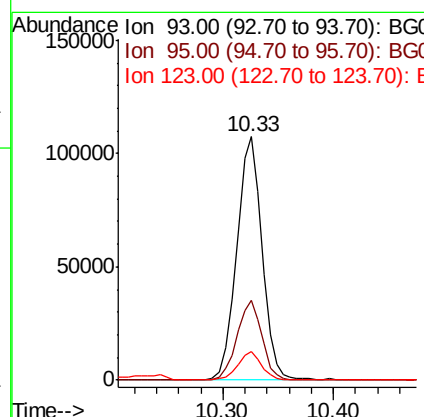
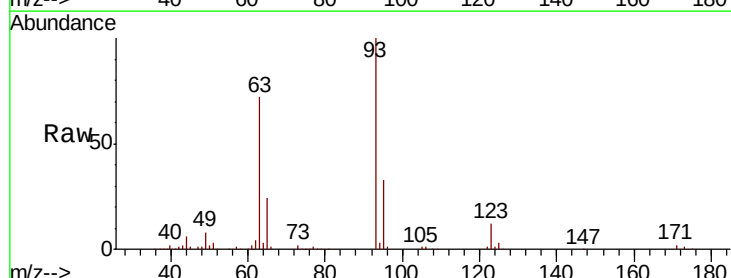
Instrument :
 BNA_G
 ClientSampleId :
 PB120476BS

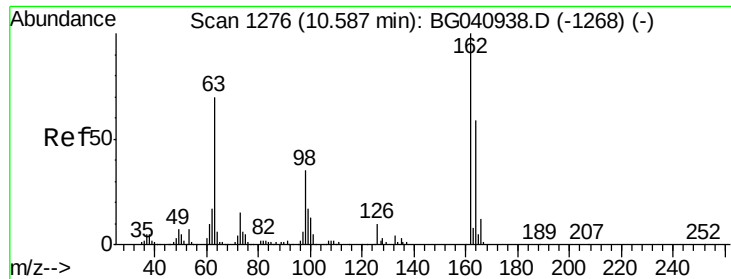
Tgt Ion	Ratio	Lower	Upper
122	100		
107	134.9	105.9	158.9
121	57.6	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.501 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.2
123	11.6	9.5	14.3

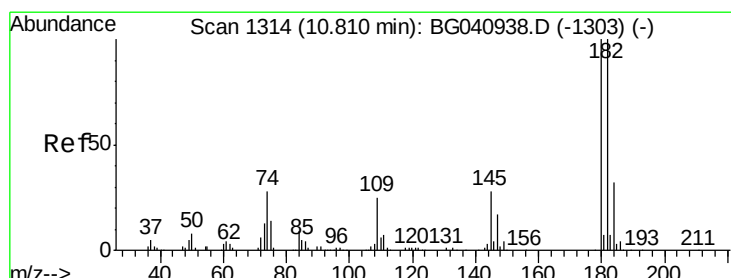
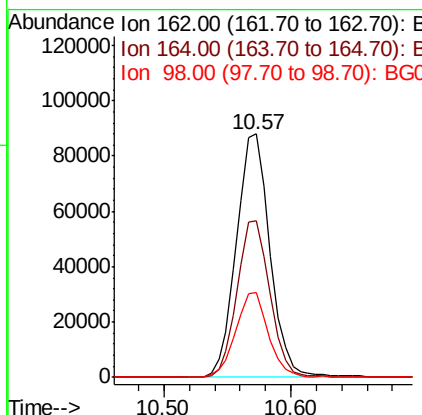
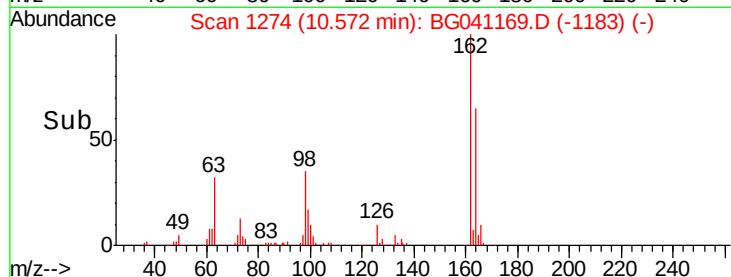
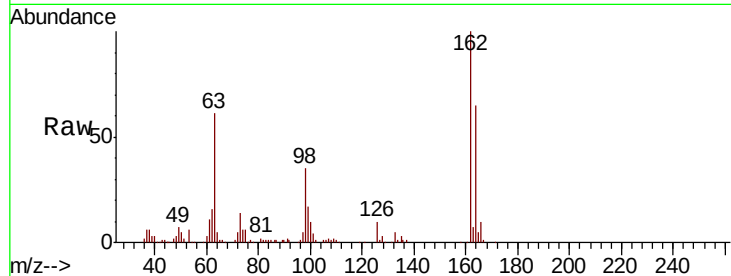




#29
 2,4-Dichlorophenol
 Concen: 46.340 ng
 RT: 10.57 min Scan# 1274
 Delta R.T. 0.01 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

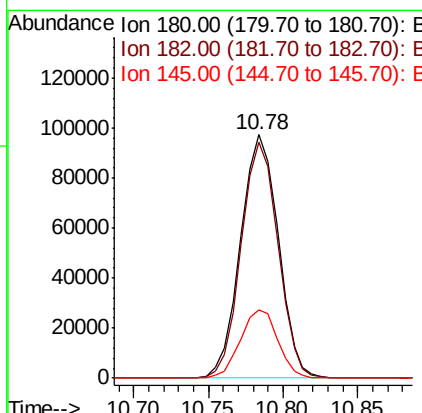
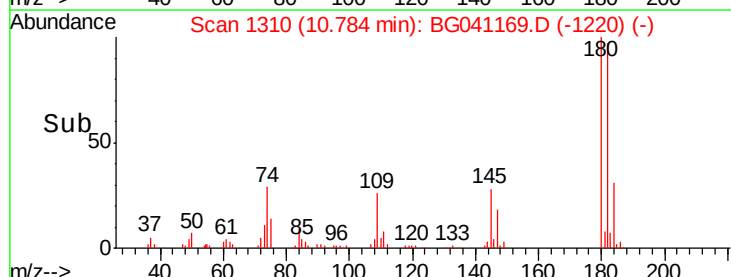
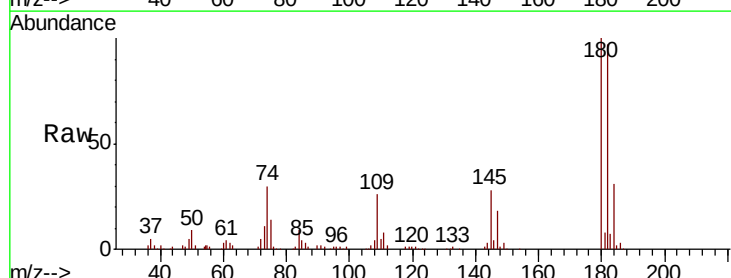
Instrument :
 BNA_G
 ClientSampleId :
 PB120476BS

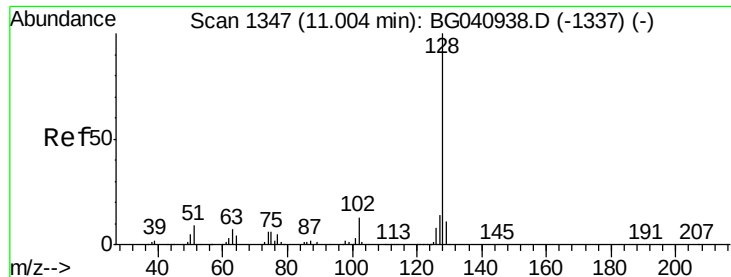
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	39.4	79.4
98	35.0	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 43.129 ng
 RT: 10.78 min Scan# 1310
 Delta R.T. -0.00 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	79.7	119.5
145	28.0	22.6	34.0

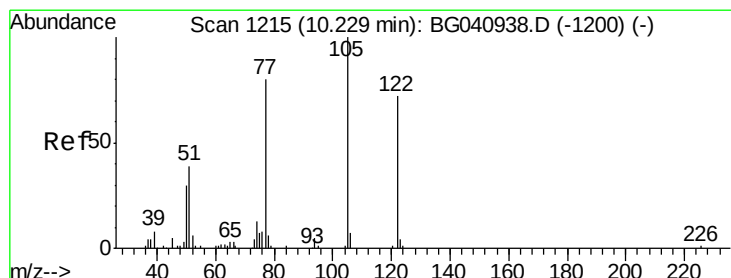
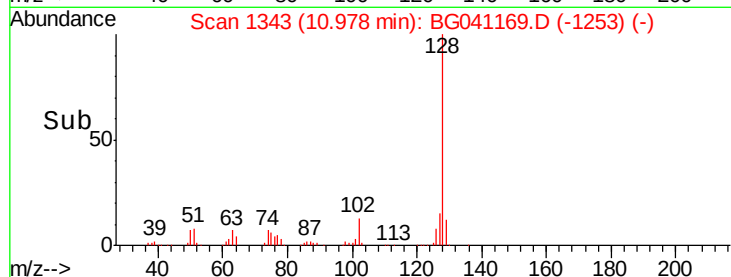
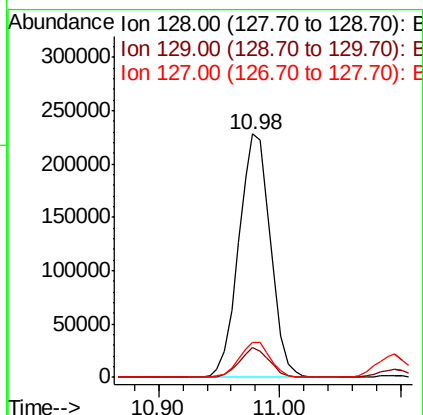
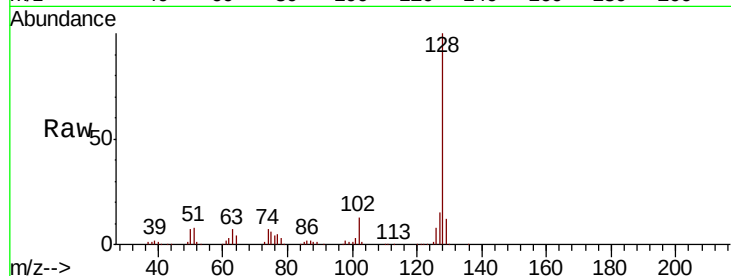




#31
Naphthalene
Concen: 44.126 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

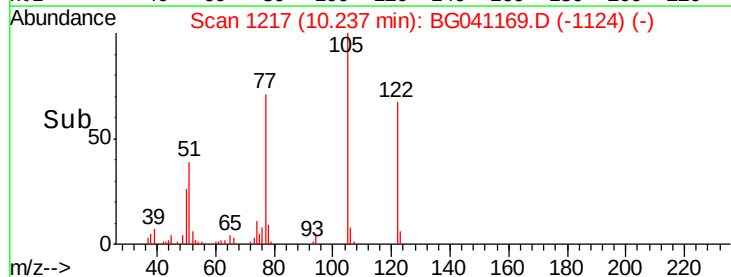
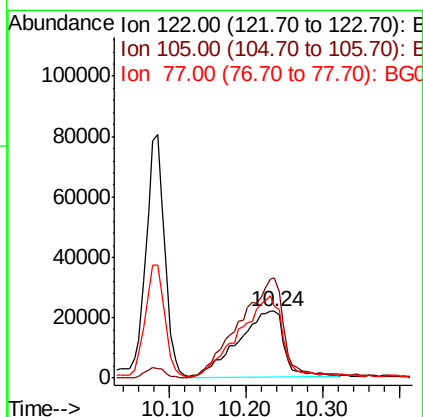
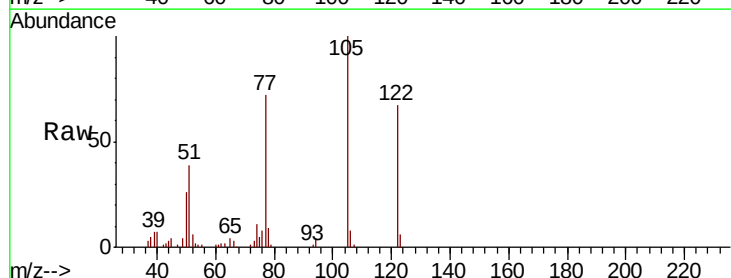
Instrument :
BNA_G
ClientSampleId :
PB120476BS

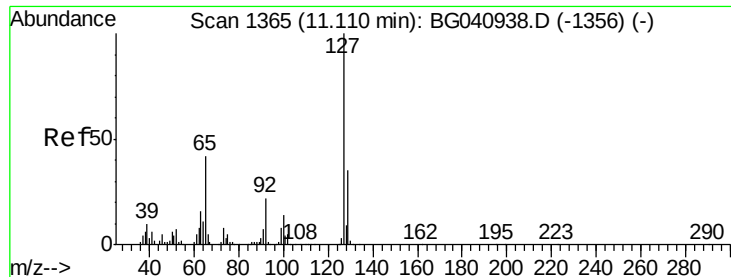
Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.5	12.7
127	14.6	11.4	17.2



#32
Benzoic acid
Concen: 43.453 ng
RT: 10.24 min Scan# 1217
Delta R.T. 0.02 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	150.3	114.8	154.8
77	108.4	89.9	129.9

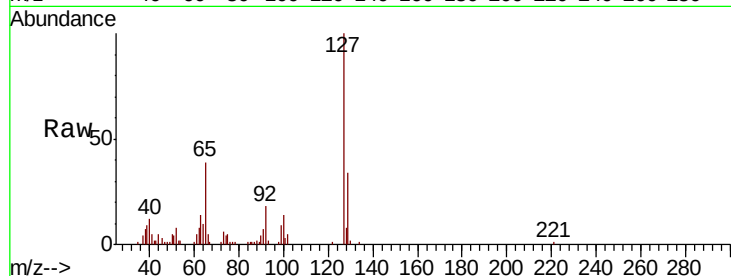




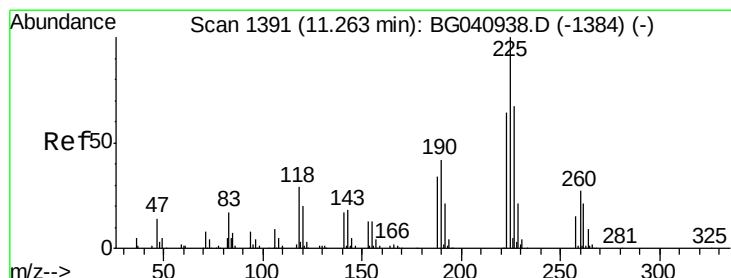
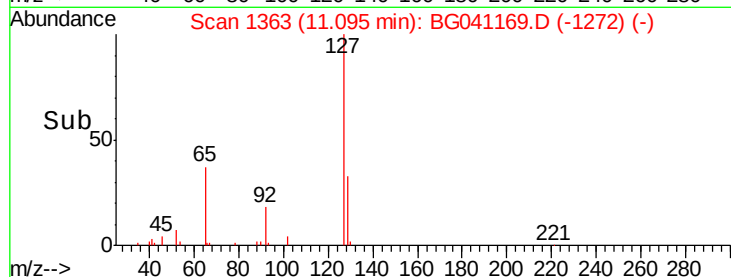
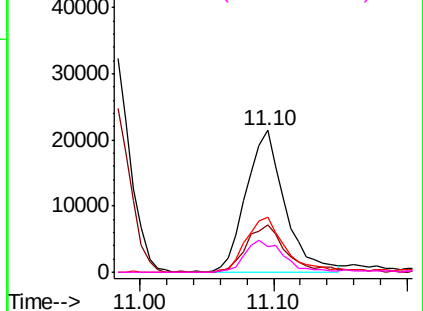
#33
4-Chloroaniline
Concen: 9.781 ng
RT: 11.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tgt Ion:	127	Resp:	42714
Ion	Ratio	Lower	Upper
127	100		
129	33.6	27.7	41.5
65	39.0	33.2	49.8
92	18.5	17.2	25.8

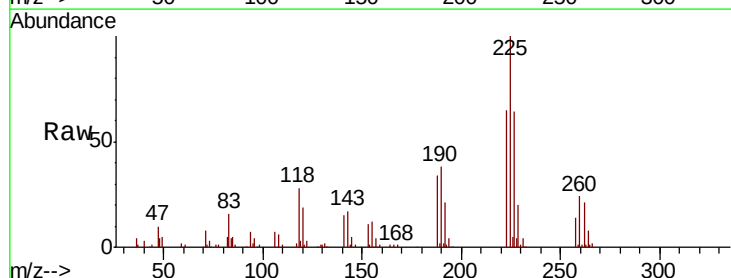


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

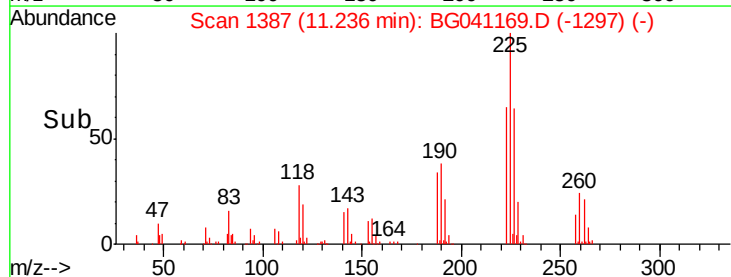
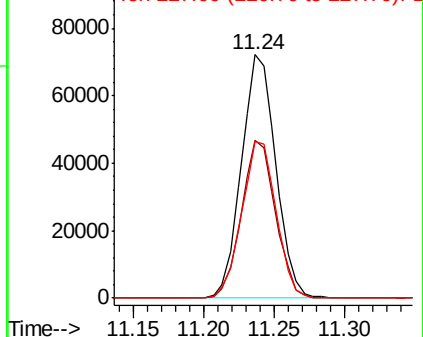


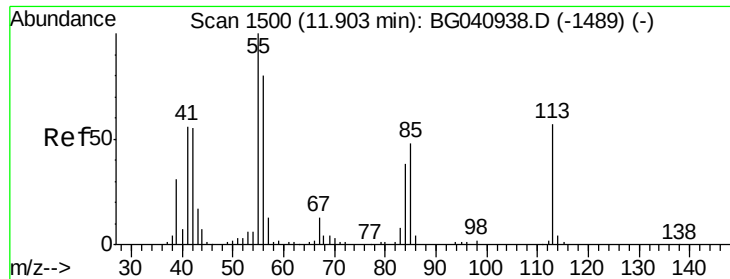
#34
Hexachlorobutadiene
Concen: 40.545 ng
RT: 11.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion:	225	Resp:	122795
Ion	Ratio	Lower	Upper
225	100		
223	64.8	48.8	73.2
227	64.4	51.4	77.0



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





#35

Caprolactam

Concen: 26.351 ng

RT: 11.89 min Scan# 1498

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

ClientSampleId :

PB120476BS

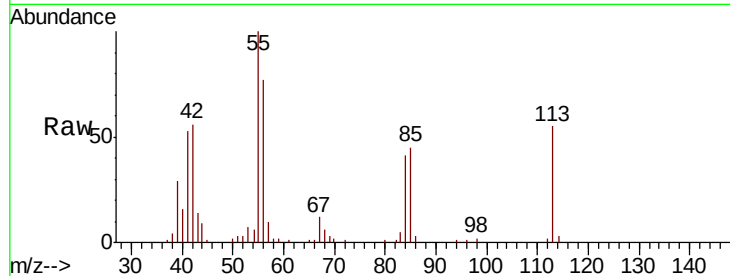
Tgt Ion:113 Resp: 30277

Ion Ratio Lower Upper

113 100

55 181.8 155.9 195.9

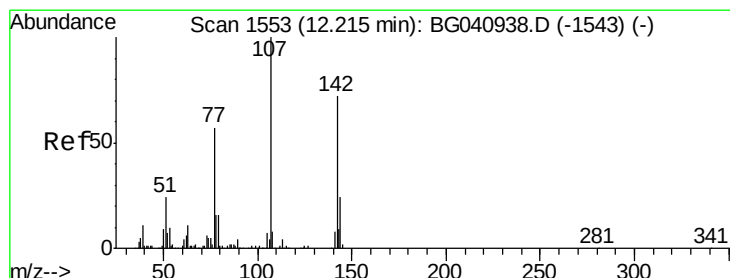
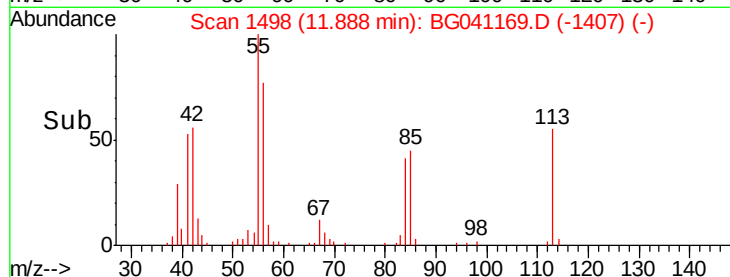
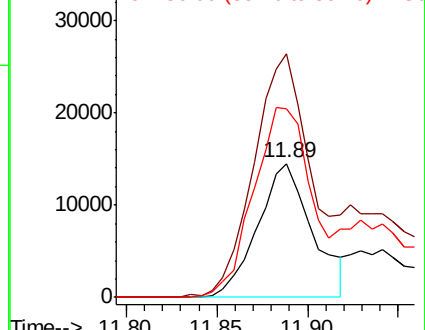
56 140.4 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.899 ng

RT: 12.20 min Scan# 1551

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

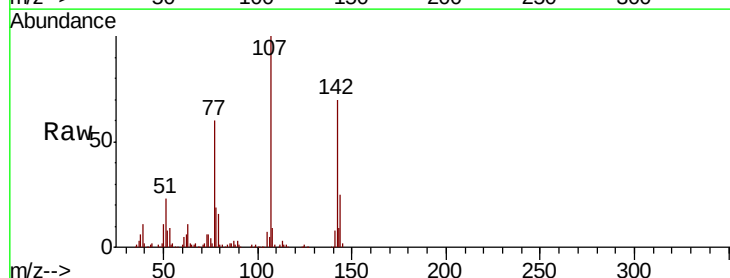
Tgt Ion:107 Resp: 178416

Ion Ratio Lower Upper

107 100

144 25.1 19.4 29.0

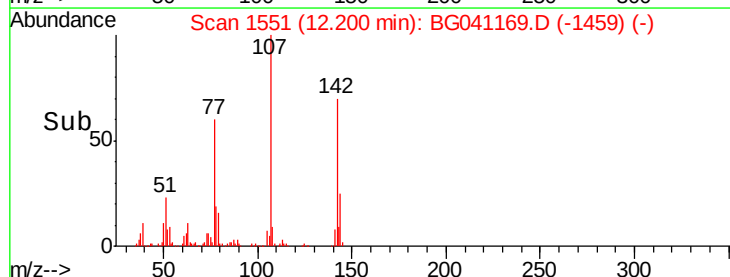
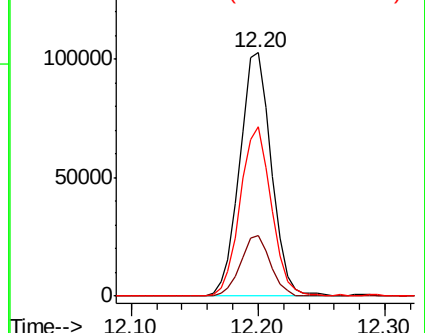
142 69.5 57.3 85.9

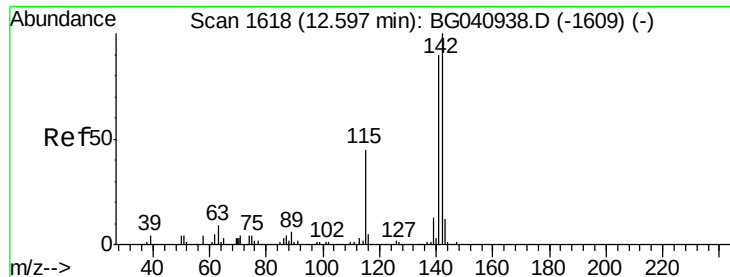


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

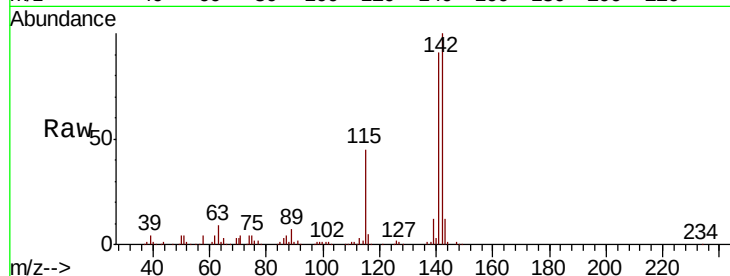




#37
 2-Methylnaphthalene
 Concen: 44.039 ng
 RT: 12.58 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Instrument :
 BNA_G
 ClientSampleId :
 PB120476BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.2	108.4
115	44.8	36.2	54.4

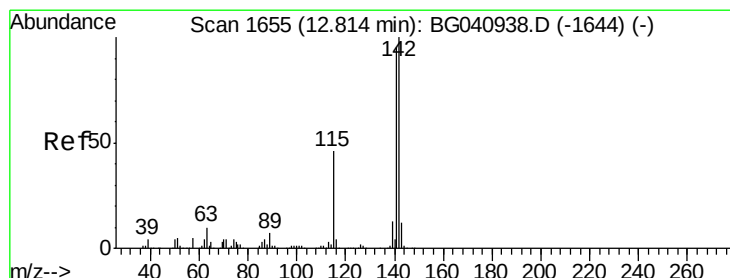
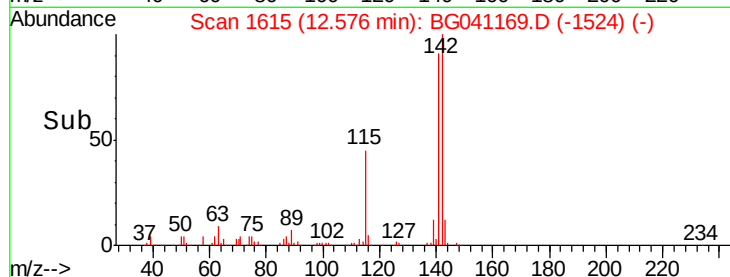
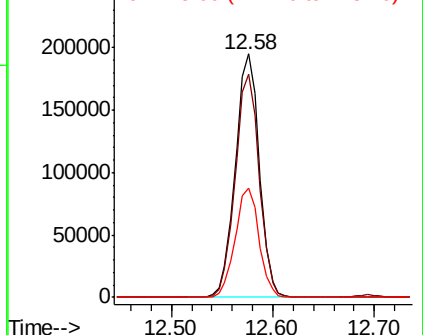


Abundance

Ion 142.00 (141.70 to 142.70): E

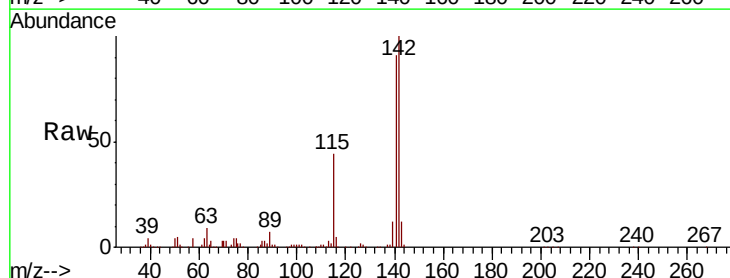
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 44.971 ng
 RT: 12.79 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	75.7	113.5
116	4.7	3.4	5.2

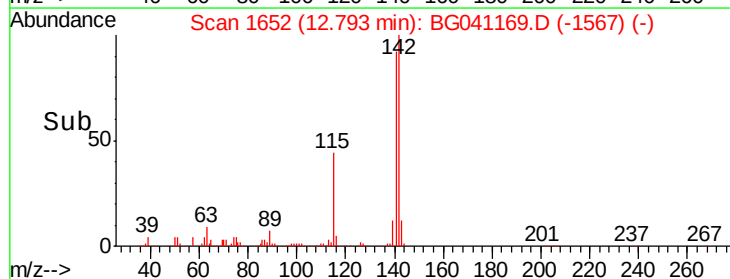
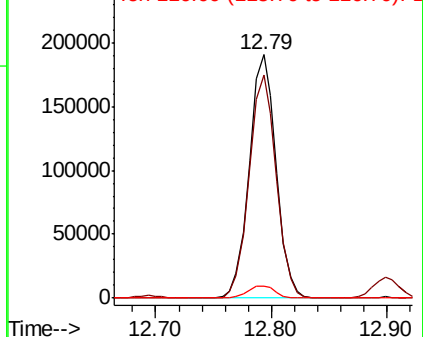


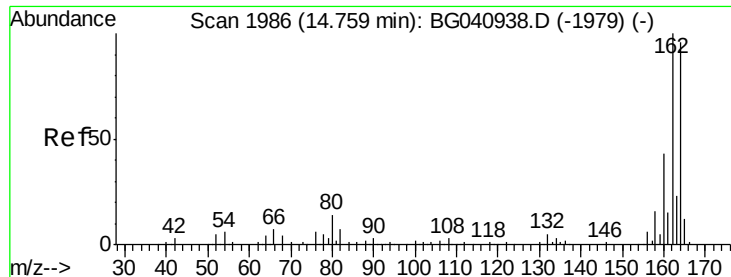
Abundance

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: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

ClientSampleId :

PB120476BS

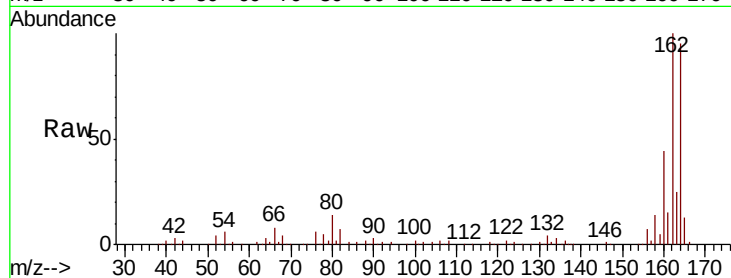
Tgt Ion:164 Resp: 127309

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.4

160 46.2 35.6 53.4

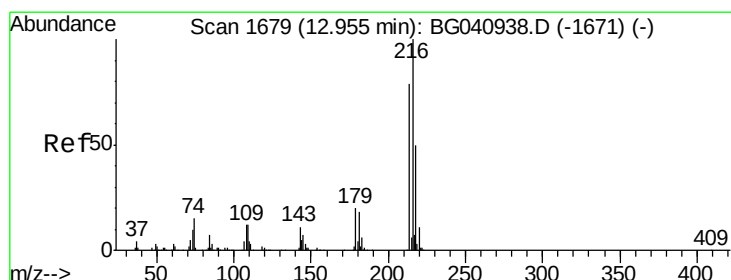
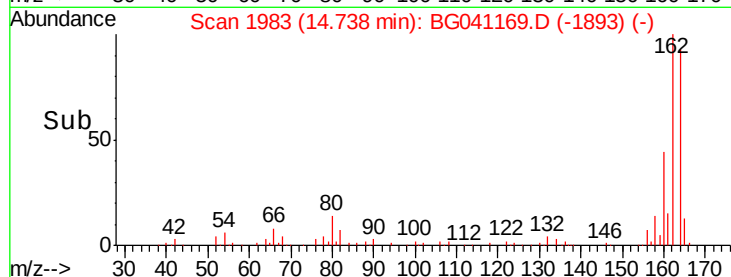
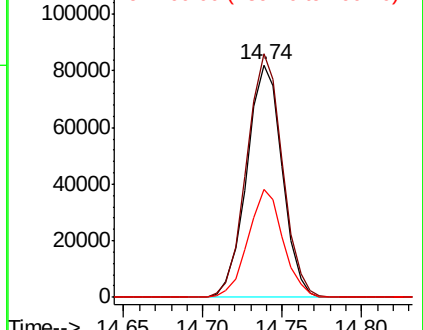


Abundance

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: 46.148 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Tgt Ion:216 Resp: 236799

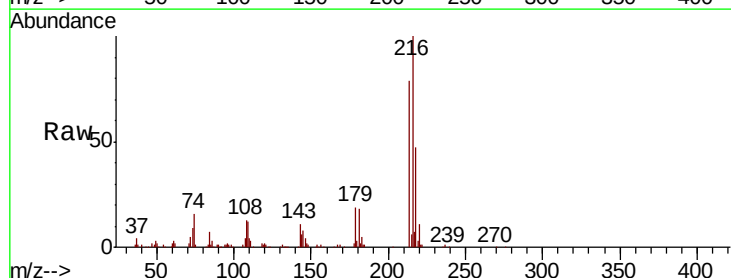
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 18.9 15.2 22.8

108 16.8 11.4 17.2



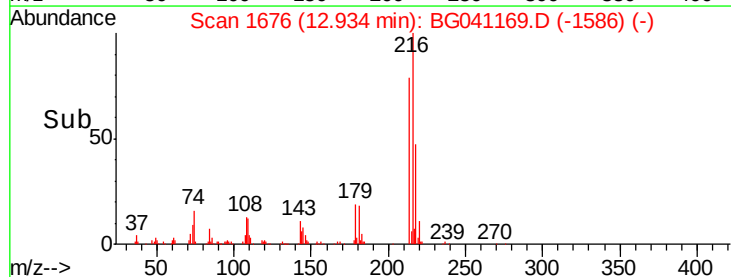
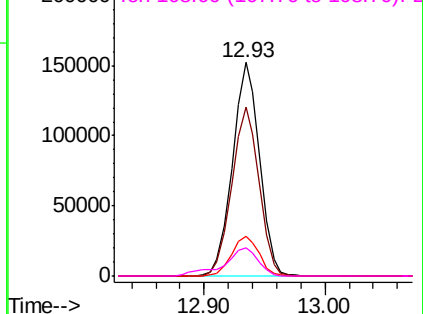
Abundance

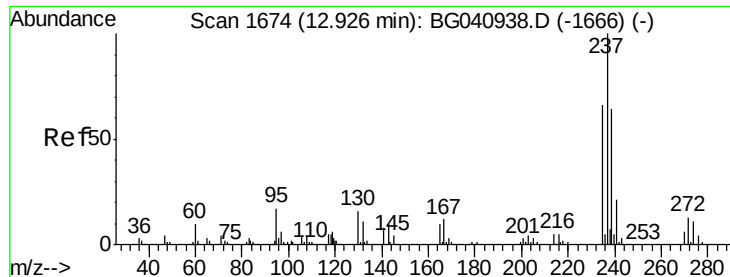
Ion 216.00 (215.70 to 216.70): E

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

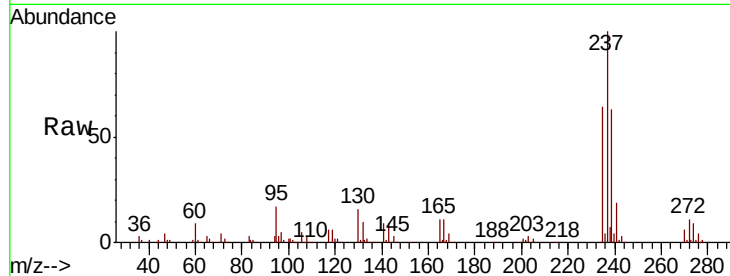




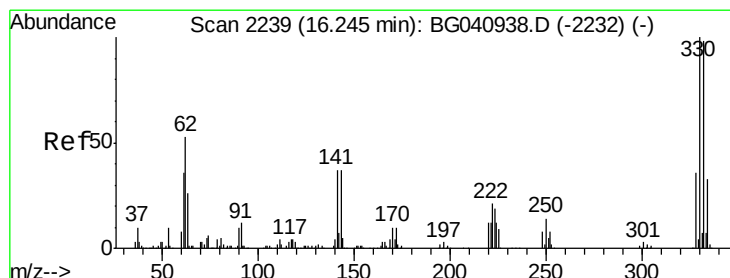
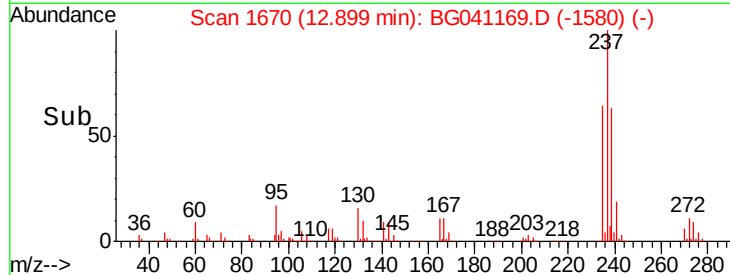
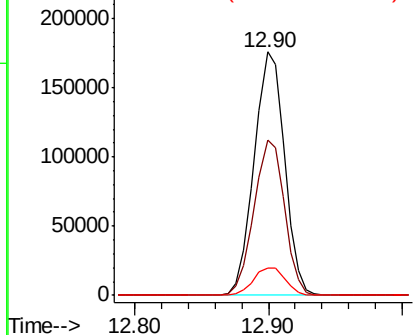
#41
Hexachlorocyclopentadiene
Concen: 97.990 ng
RT: 12.90 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tgt Ion: 237 Resp: 275978
Ion Ratio Lower Upper
237 100
235 63.8 45.5 85.5
272 11.4 0.0 32.9

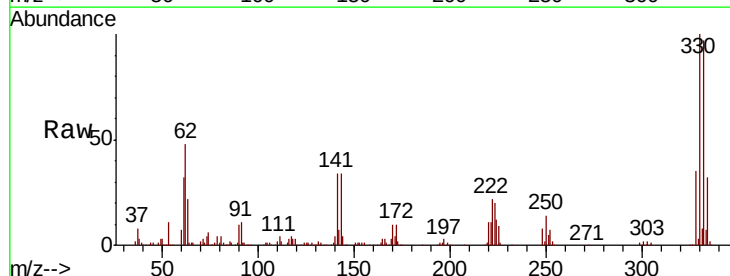


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

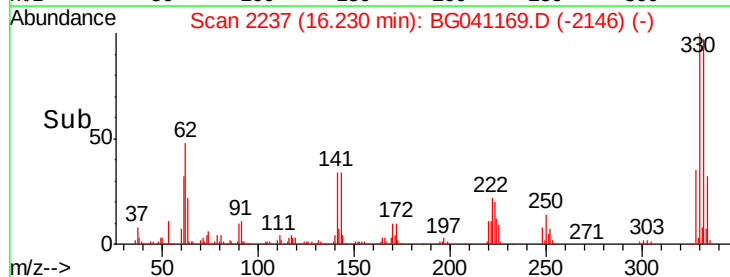
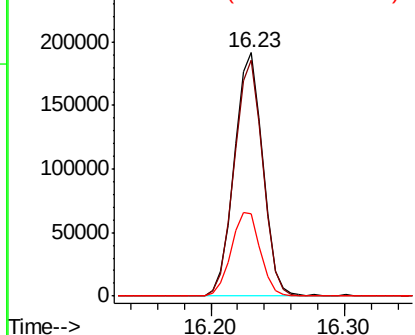


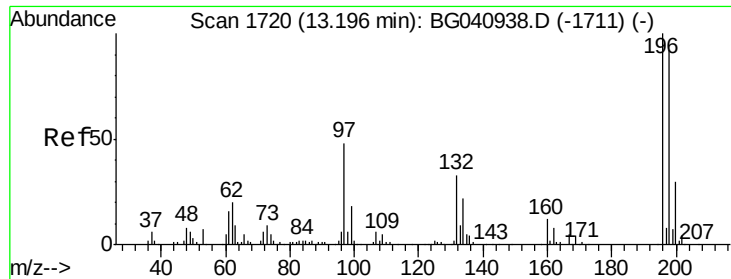
#42
2,4,6-Tribromophenol
Concen: 150.395 ng
RT: 16.23 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion: 330 Resp: 284245
Ion Ratio Lower Upper
330 100
332 96.6 78.5 117.7
141 35.5 28.7 43.1



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

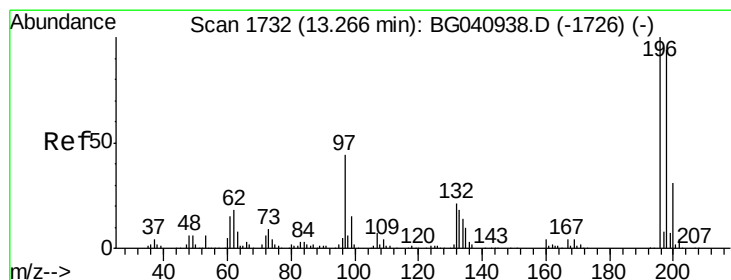
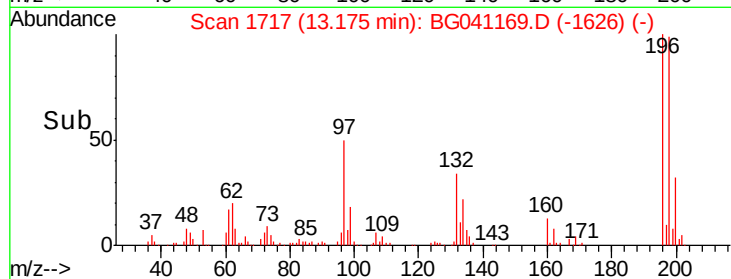
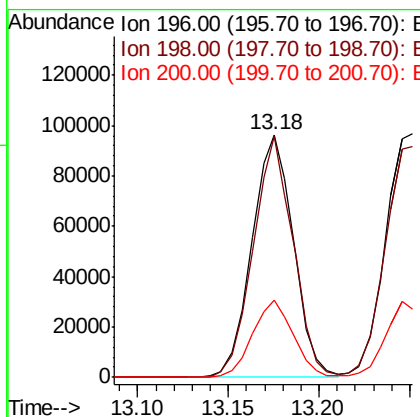
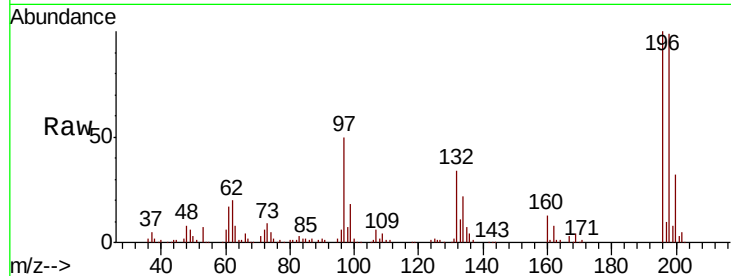




#43
 2,4,6-Trichlorophenol
 Concen: 46.042 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

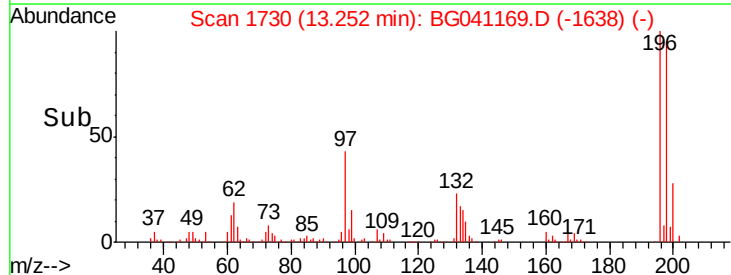
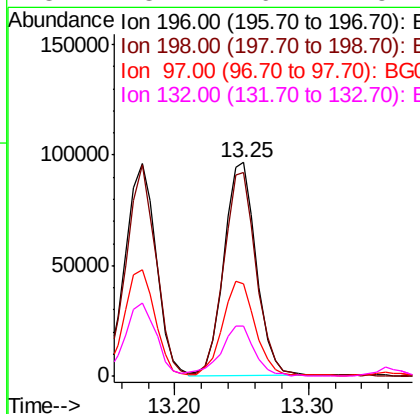
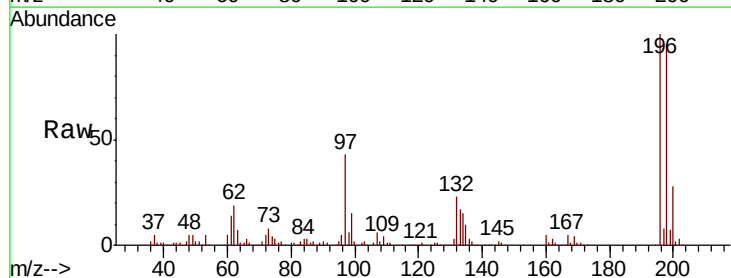
Instrument :
 BNA_G
 ClientSampleId :
 PB120476BS

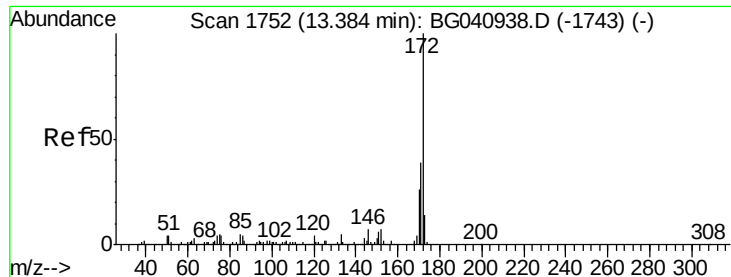
Tgt Ion:196 Resp: 152833
 Ion Ratio Lower Upper
 196 100
 198 99.4 73.8 110.6
 200 31.8 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 46.716 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. 0.01 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Tgt Ion:196 Resp: 163545
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.1 112.7
 97 43.3 35.6 53.4
 132 23.1 16.7 25.1

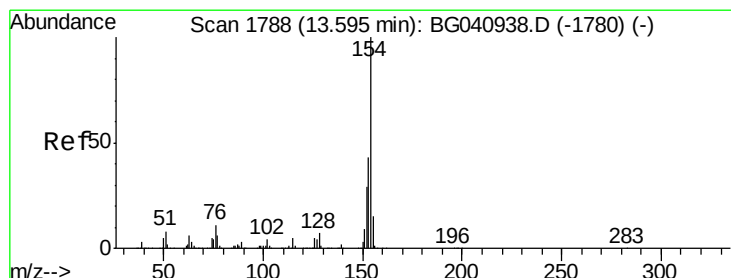
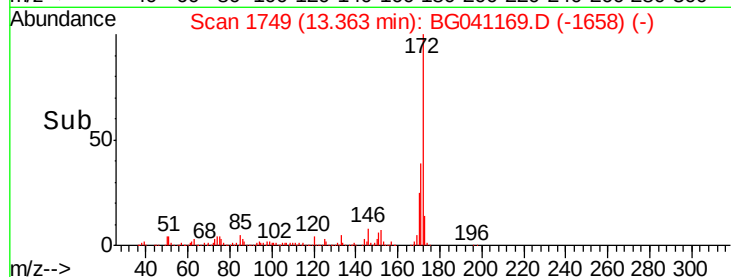
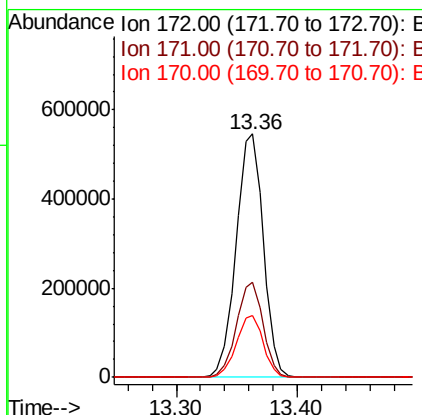
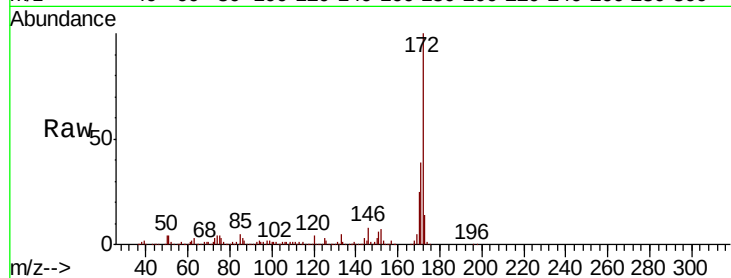




#45
2-Fluorobiphenyl
Concen: 97.076 ng
RT: 13.36 min Scan# 1749
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

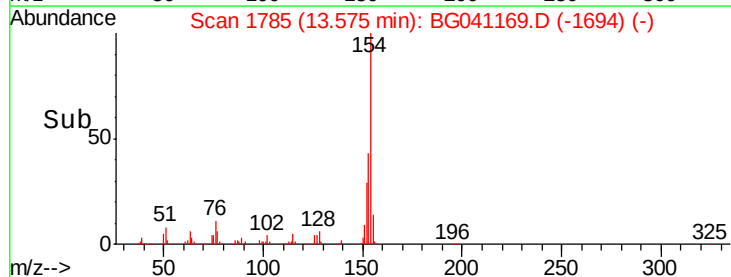
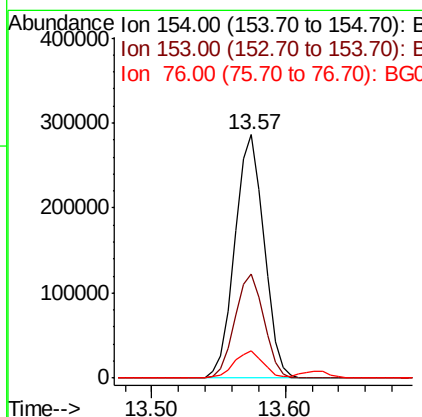
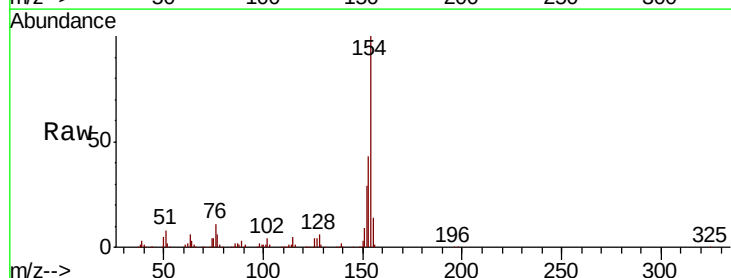
Instrument :
BNA_G
ClientSampleId :
PB120476BS

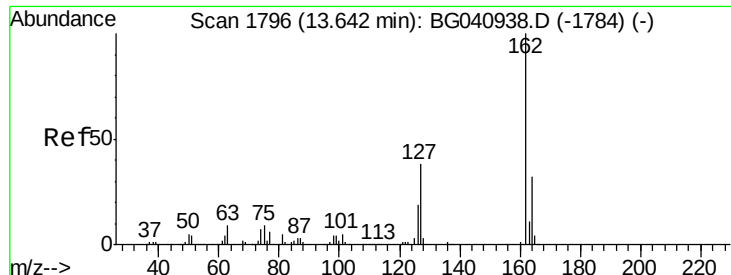
Tgt Ion:172 Resp: 858178
Ion Ratio Lower Upper
172 100
171 39.0 31.1 46.7
170 25.3 20.5 30.7



#46
1,1'-Biphenyl
Concen: 46.132 ng
RT: 13.57 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion:154 Resp: 434728
Ion Ratio Lower Upper
154 100
153 43.0 23.3 63.3
76 11.0 0.0 31.1

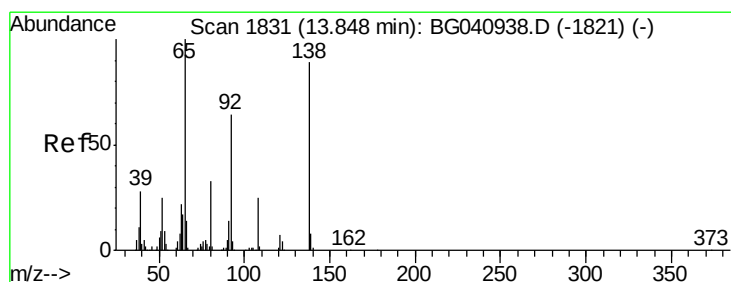
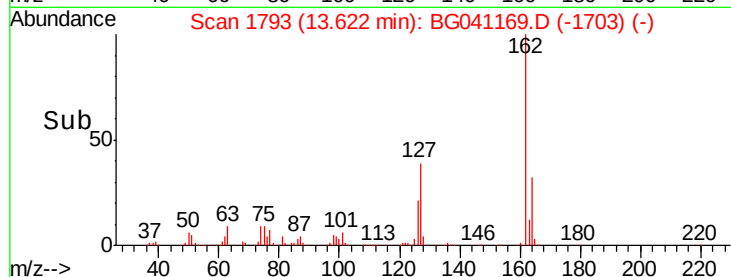
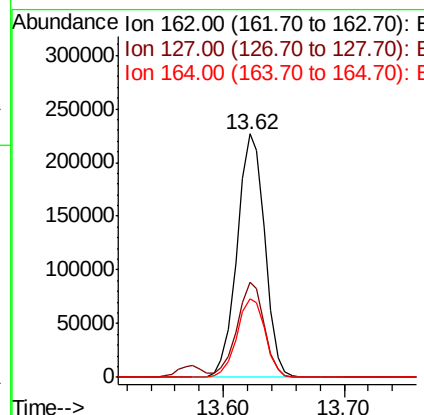
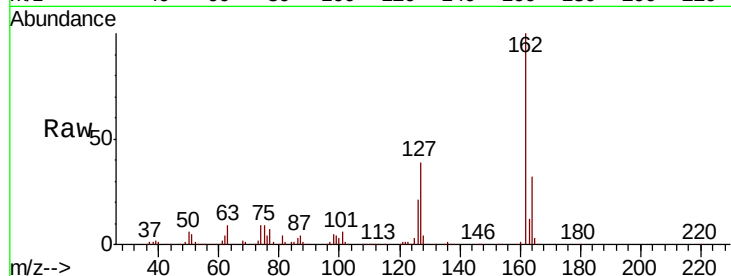




#47
 2-Chloronaphthalene
 Concen: 44.550 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

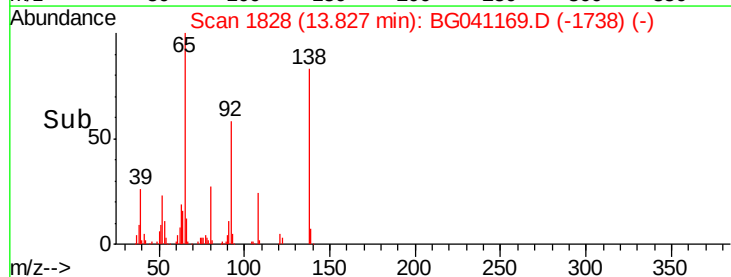
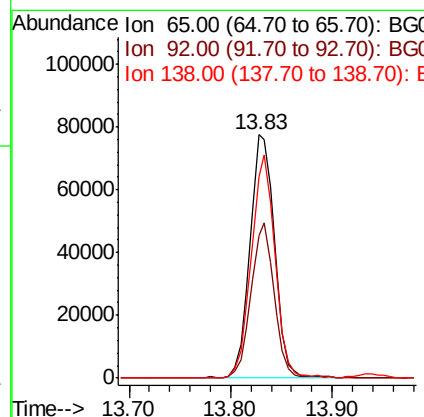
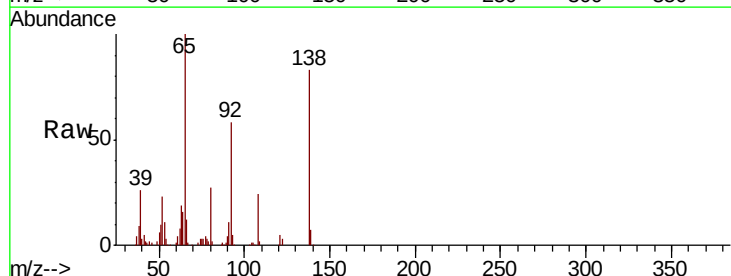
Instrument :
 BNA_G
 ClientSampleId :
 PB120476BS

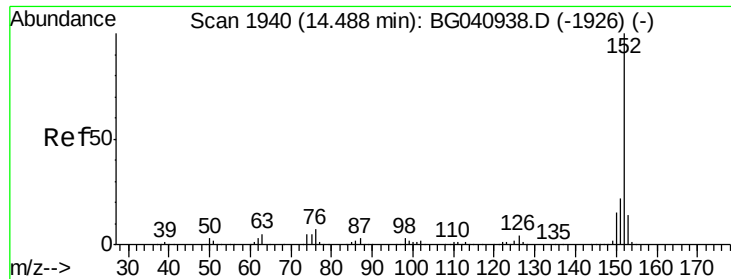
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	30.5	45.7
164	32.4	25.8	38.6



#48
 2-Nitroaniline
 Concen: 44.964 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.4	51.0	76.6
138	82.7	71.2	106.8





#49

Acenaphthylene

Concen: 45.896 ng

RT: 14.47 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

ClientSampleId :

PB120476BS

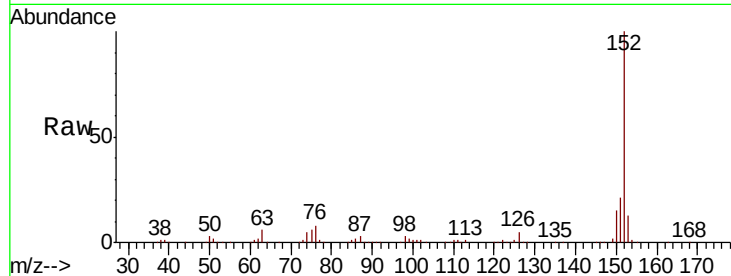
Tgt Ion:152 Resp: 558834

Ion Ratio Lower Upper

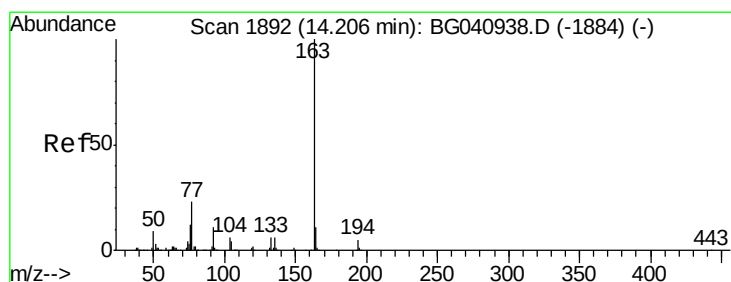
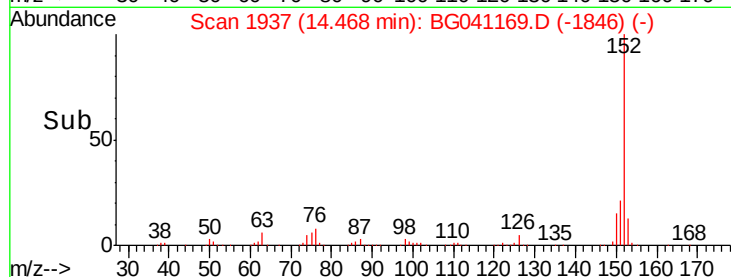
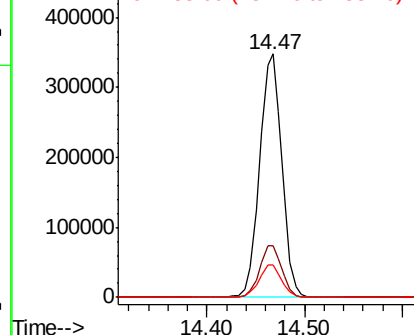
152 100

151 21.4 17.4 26.0

153 13.2 11.0 16.4



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: 42.990 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

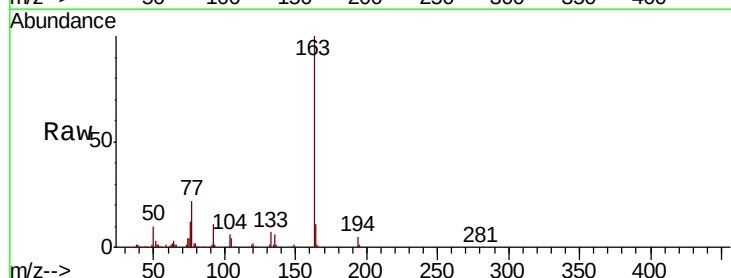
Tgt Ion:163 Resp: 463293

Ion Ratio Lower Upper

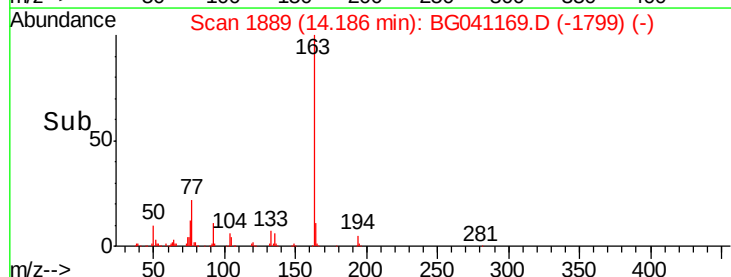
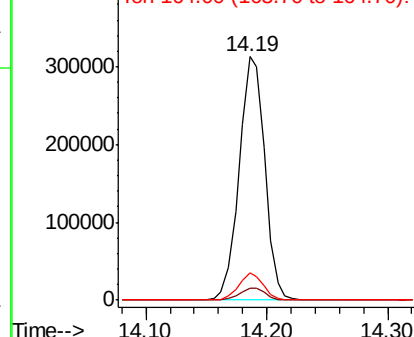
163 100

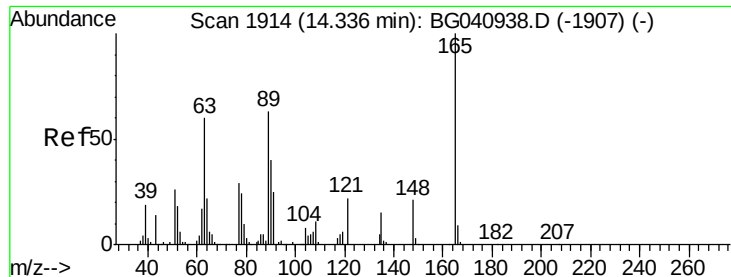
194 4.8 3.8 5.8

164 11.0 8.7 13.1



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

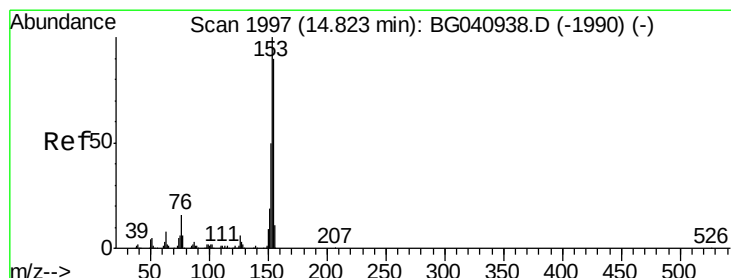
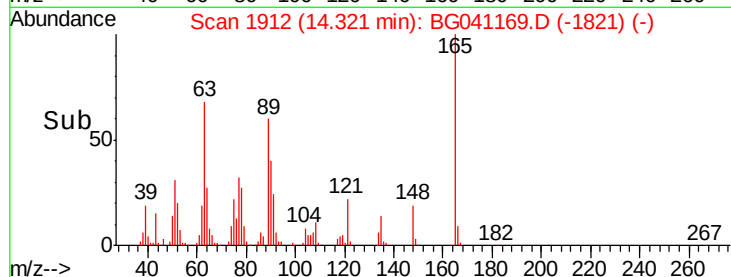
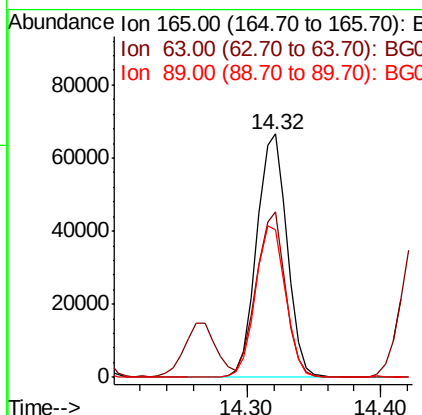
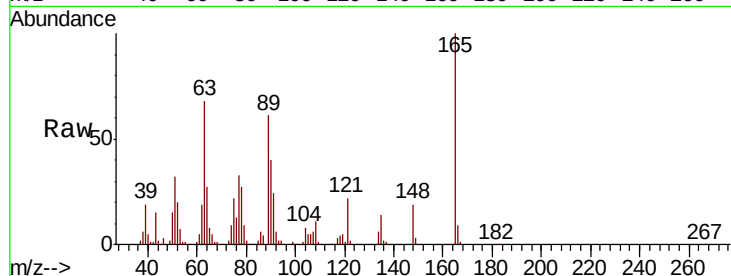




#51
2,6-Dinitrotoluene
Concen: 44.659 ng
RT: 14.32 min Scan# 1912
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

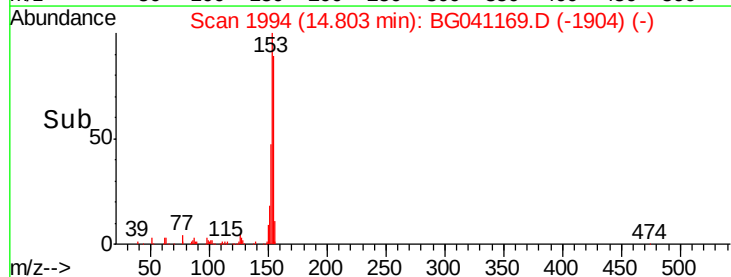
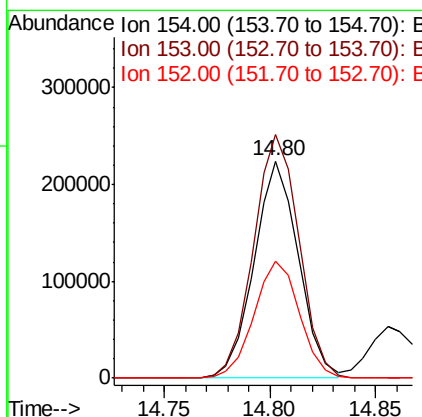
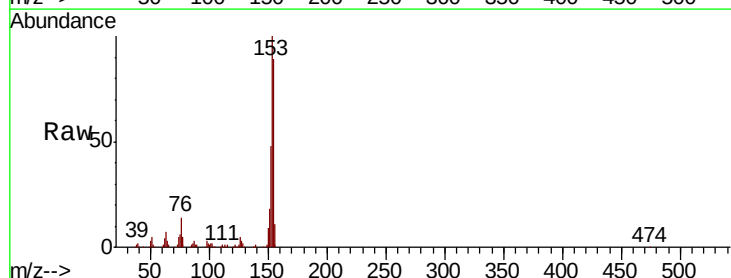
Instrument :
BNA_G
ClientSampleId :
PB120476BS

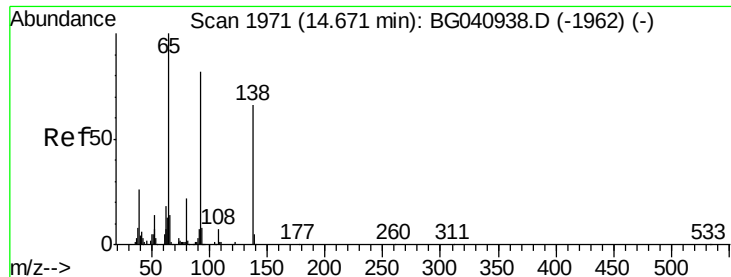
Tgt Ion:165 Resp: 103768
Ion Ratio Lower Upper
165 100
63 68.0 53.6 80.4
89 60.6 50.4 75.6



#52
Acenaphthene
Concen: 44.292 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion:154 Resp: 326704
Ion Ratio Lower Upper
154 100
153 112.3 88.6 133.0
152 53.7 44.2 66.4





#53

3-Nitroaniline

Concen: 24.042 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

ClientSampleId :

PB120476BS

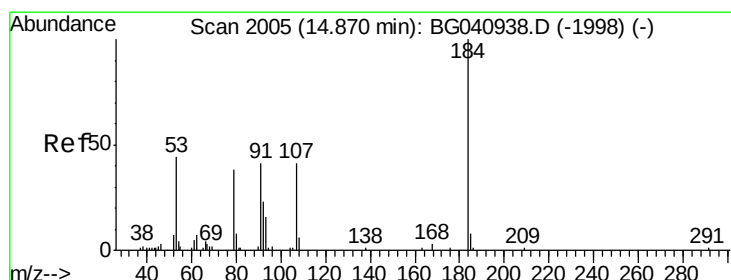
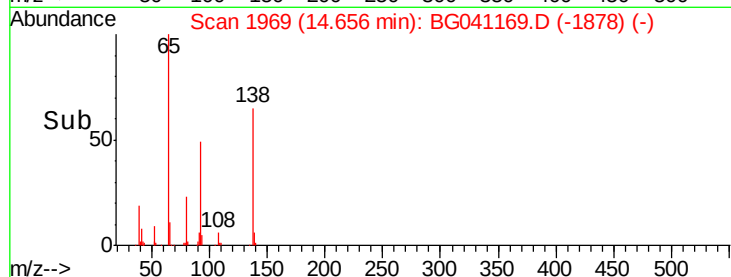
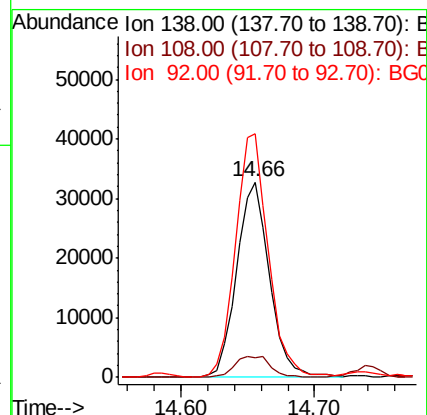
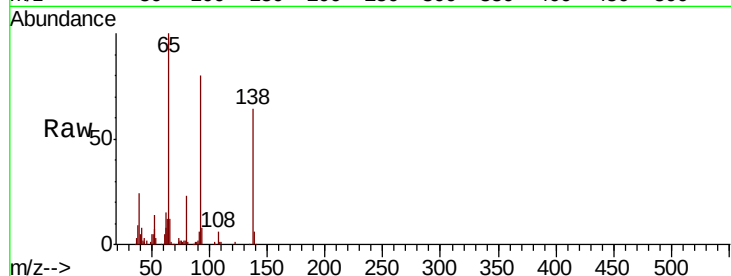
Tgt Ion:138 Resp: 55862

Ion Ratio Lower Upper

138 100

108 10.1 8.5 12.7

92 124.8 99.0 148.6



#54

2,4-Dinitrophenol

Concen: 102.266 ng

RT: 14.86 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

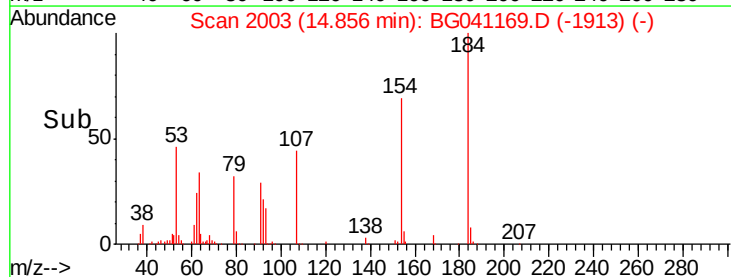
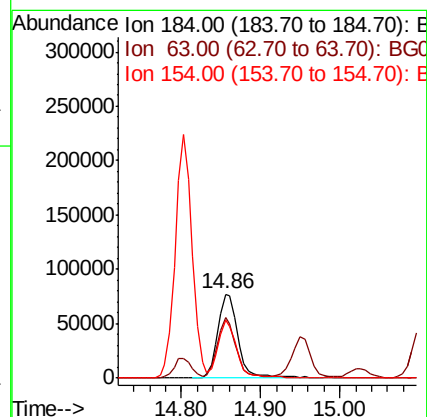
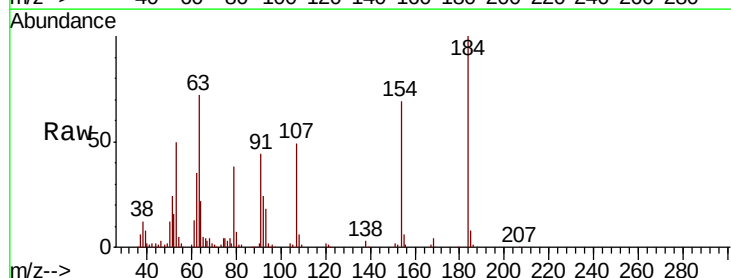
Tgt Ion:184 Resp: 138496

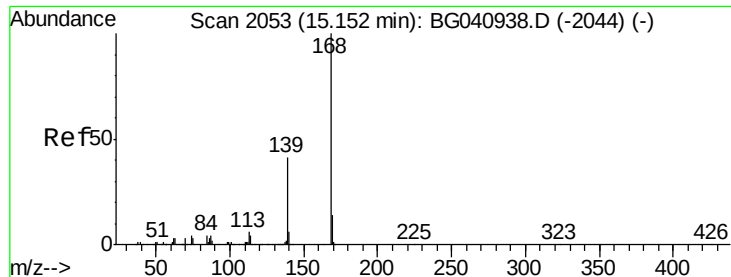
Ion Ratio Lower Upper

184 100

63 72.1 49.8 74.6

154 68.7 52.2 78.4





#55

Dibenzenofuran

Concen: 45.665 ng

RT: 15.14 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

ClientSampleId :

PB120476BS

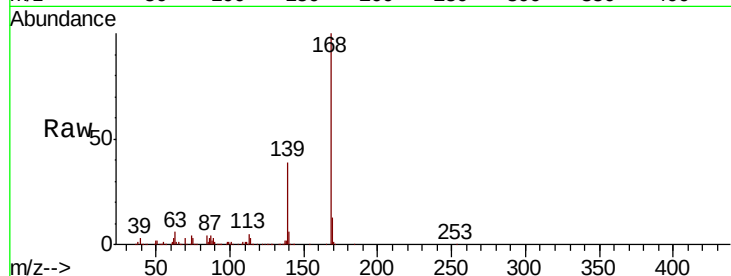
Tgt Ion:168 Resp: 566772

Ion Ratio Lower Upper

168 100

139 38.9 32.8 49.2

169 13.3 11.3 16.9

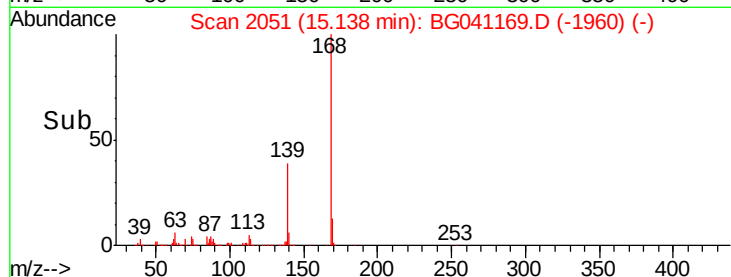


Abundance Ion 168.00 (167.70 to 168.70): E

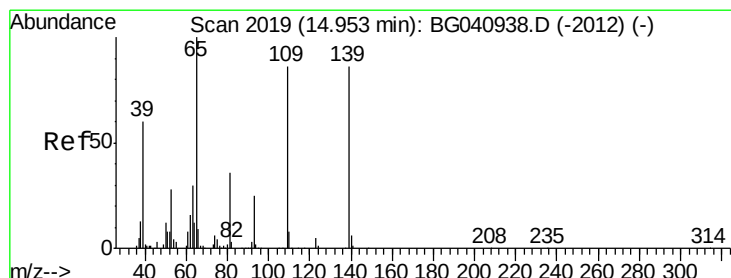
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

15.14



Time-->



#56

4-Nitrophenol

Concen: 97.705 ng

RT: 14.96 min Scan# 2020

Delta R.T. 0.02 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

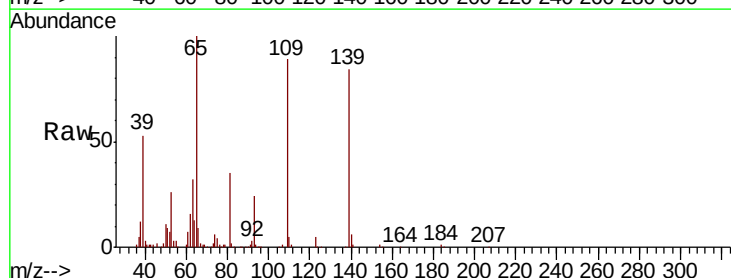
Tgt Ion:139 Resp: 155712

Ion Ratio Lower Upper

139 100

109 106.2 79.6 119.6

65 118.8 96.9 136.9

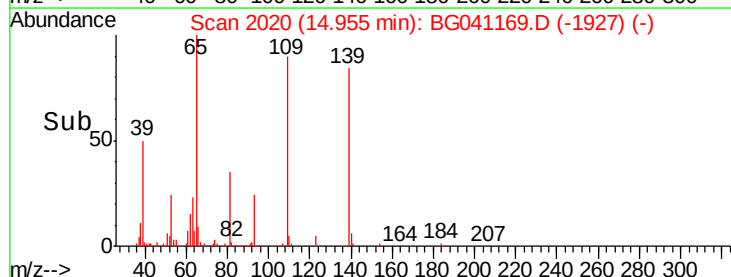


Abundance Ion 139.00 (138.70 to 139.70): E

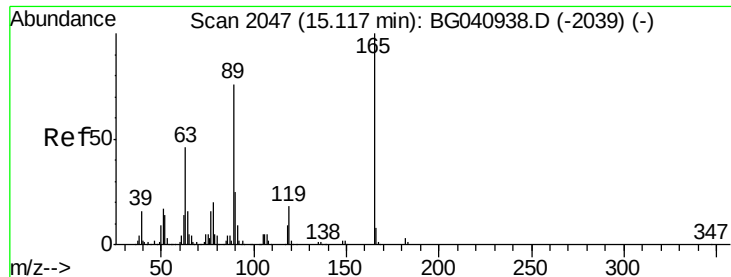
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

14.96



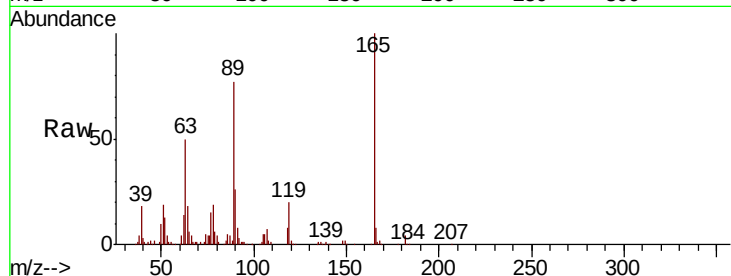
Time-->



#57
2,4-Dinitrotoluene
Concen: 45.727 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.1	37.3	55.9
89	77.3	61.0	91.6
182	3.6	2.2	3.2#



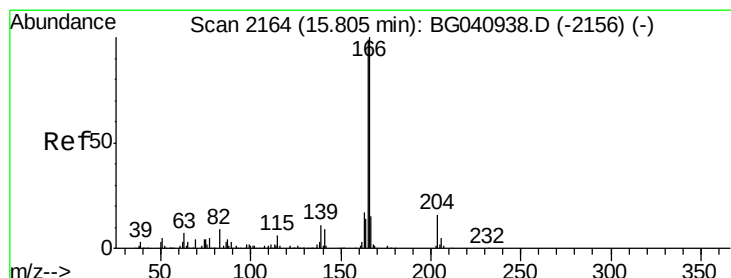
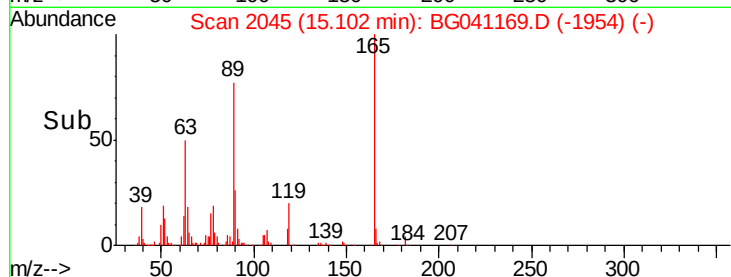
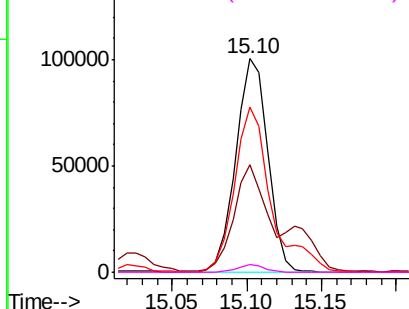
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

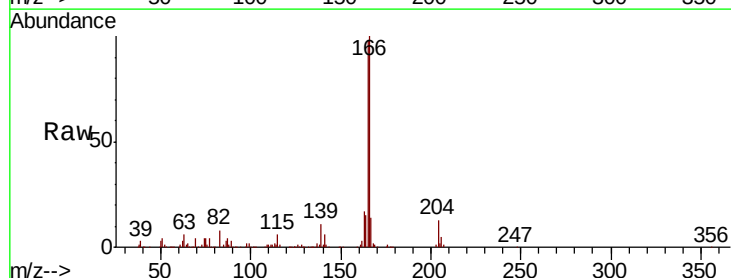
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.283 ng
RT: 15.78 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.2	118.8
167	14.5	11.8	17.6

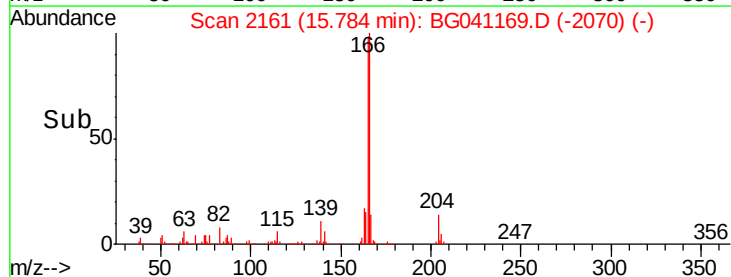
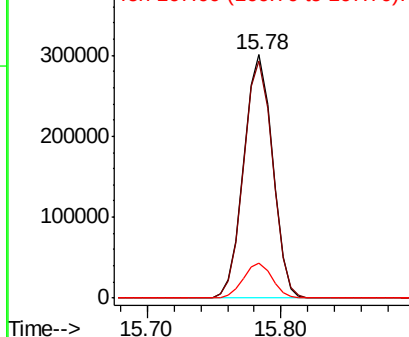


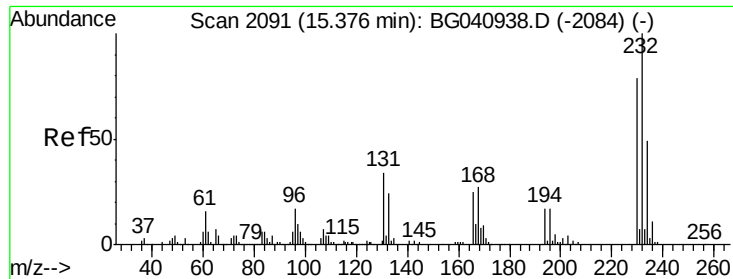
Abundance

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

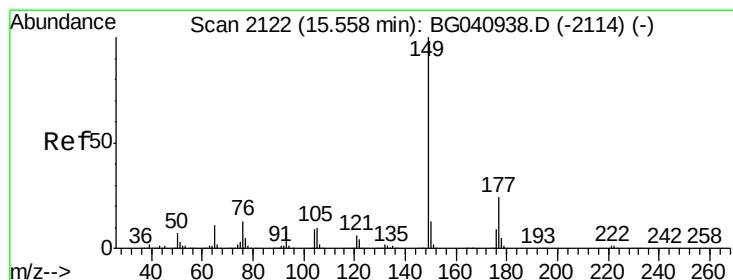
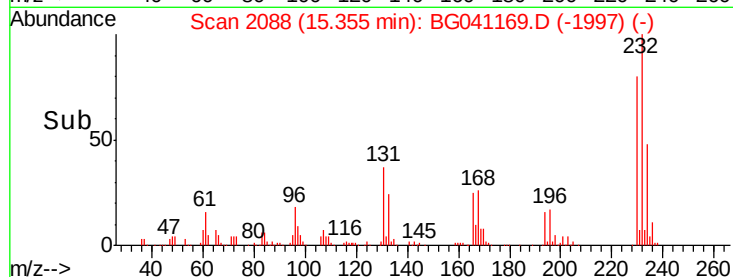
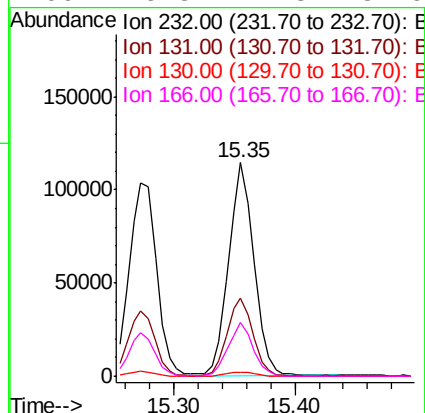
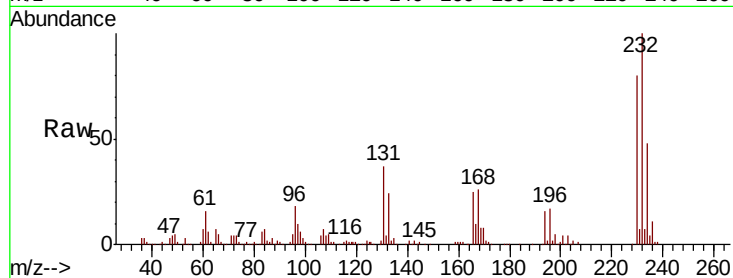




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.505 ng
RT: 15.35 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

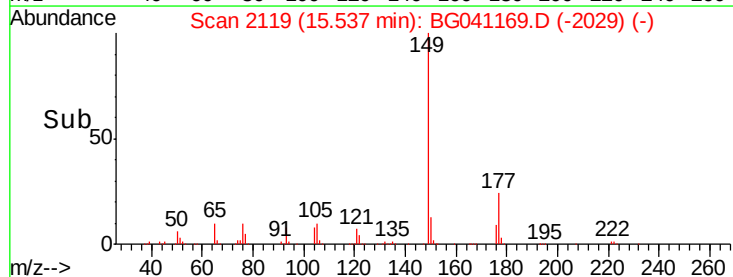
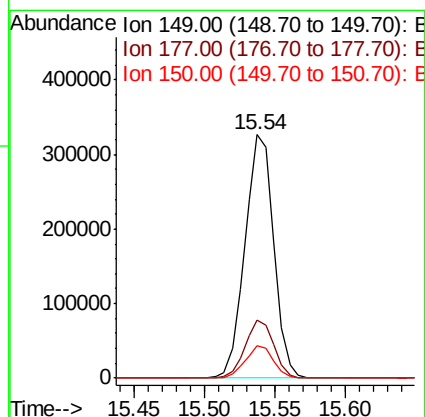
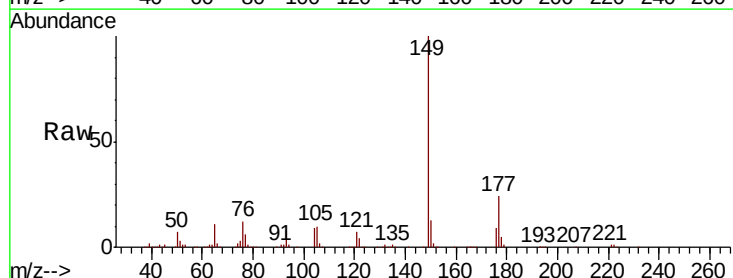
Instrument :
BNA_G
ClientSampleId :
PB120476BS

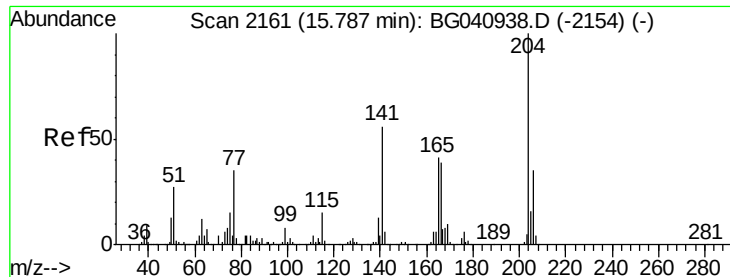
Tgt Ion:	232	Resp:	166877
Ion	Ratio	Lower	Upper
232	100		
131	37.3	30.3	45.5
130	2.3	1.8	2.8
166	25.3	21.3	31.9



#60
Diethylphthalate
Concen: 42.189 ng
RT: 15.54 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion:	149	Resp:	463995
Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.4	29.0
150	13.2	10.3	15.5

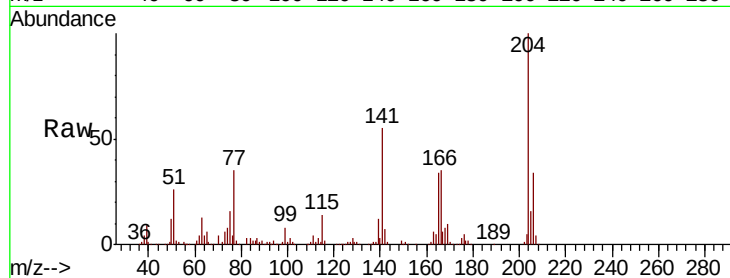




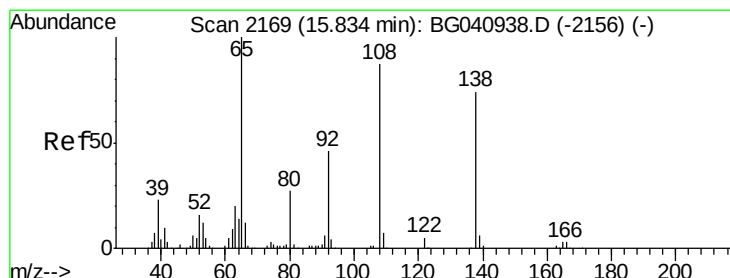
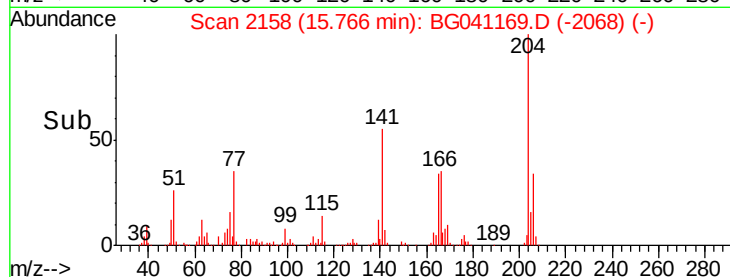
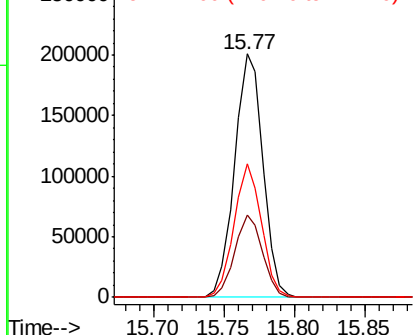
#61
 4-Chlorophenyl-phenylether
 Concen: 43.740 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.00 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Instrument :
 BNA_G
 ClientSampleId :
 PB120476BS

Tgt Ion:204 Resp: 281016
 Ion Ratio Lower Upper
 204 100
 206 33.8 27.6 41.4
 141 55.1 45.1 67.7

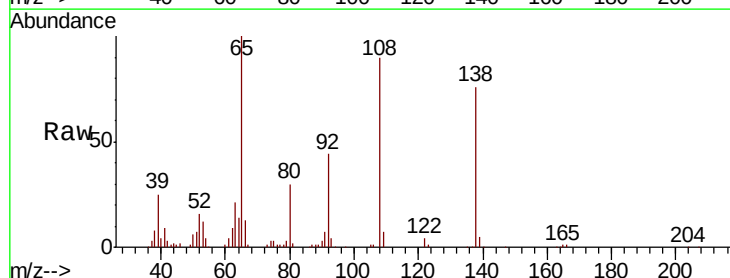


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

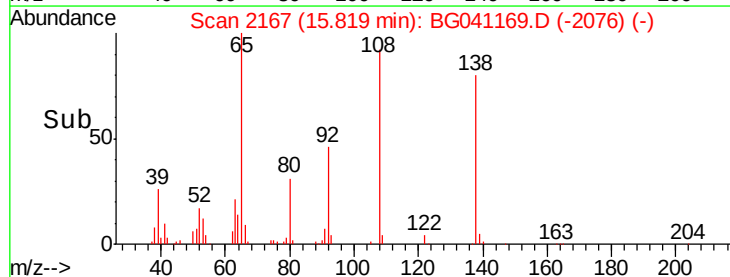
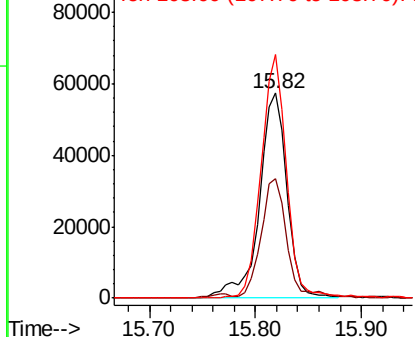


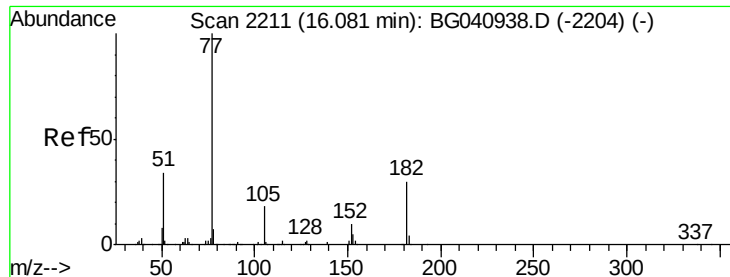
#62
 4-Nitroaniline
 Concen: 42.618 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.01 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Tgt Ion:138 Resp: 104832
 Ion Ratio Lower Upper
 138 100
 92 58.5 42.4 82.4
 108 118.9 96.9 136.9



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





#63

Azobenzene

Concen: 43.806 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

ClientSampleId :

PB120476BS

Tgt Ion: 77 Resp: 437887

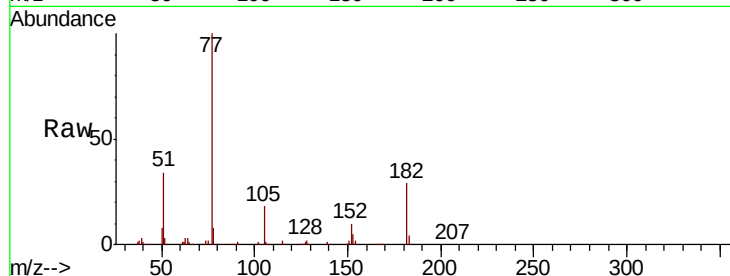
Ion	Ratio	Lower	Upper
77	100		
182	29.3	9.6	49.6
105	17.8	0.0	37.5
51	34.5	13.7	53.7

77 100

182 29.3 9.6 49.6

105 17.8 0.0 37.5

51 34.5 13.7 53.7

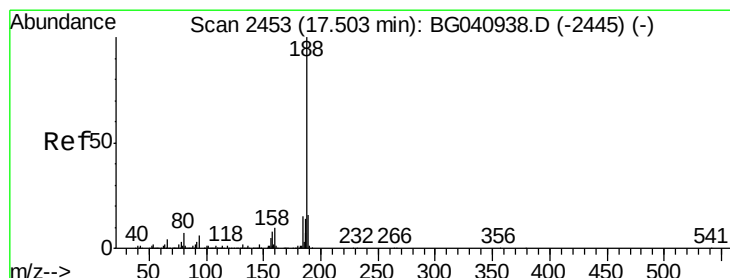
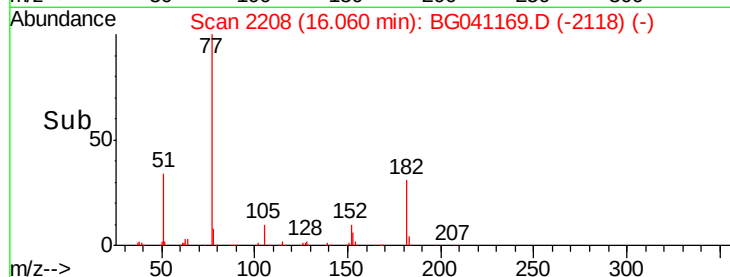
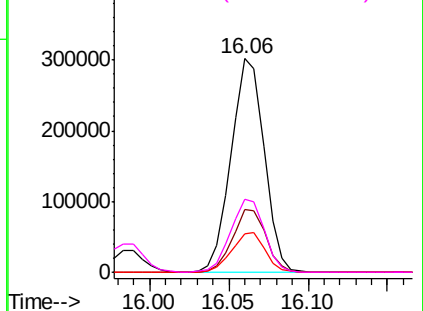


Abundance Ion 77.00 (76.70 to 77.70): BG041169.D (-2118) (-)

Ion 182.00 (181.70 to 182.70): BG041169.D (-2118) (-)

Ion 105.00 (104.70 to 105.70): BG041169.D (-2118) (-)

Ion 51.00 (50.70 to 51.70): BG041169.D (-2118) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

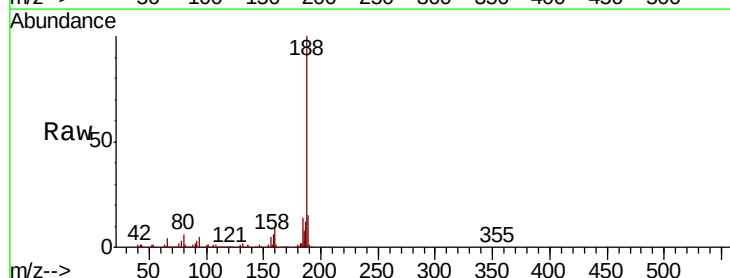
Tgt Ion: 188 Resp: 317766

Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.7	7.1
80	6.4	5.8	8.8

188 100

94 5.3 4.7 7.1

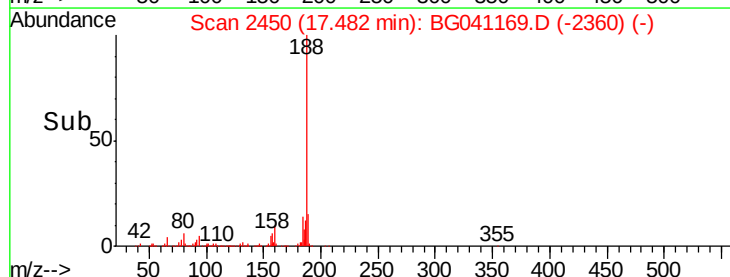
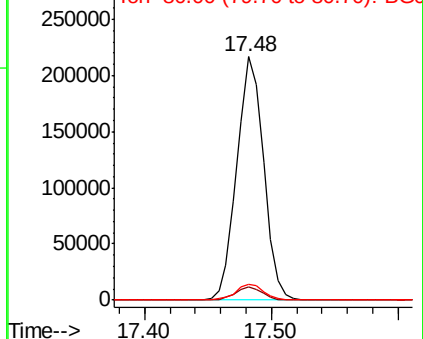
80 6.4 5.8 8.8

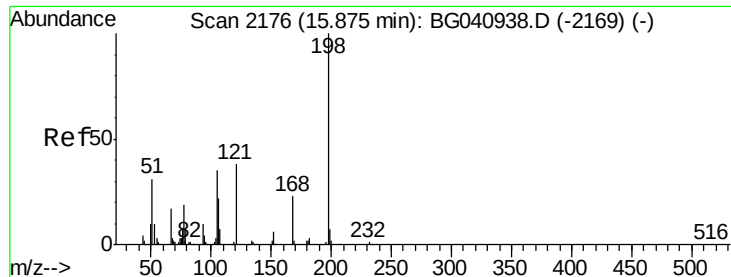


Abundance Ion 188.00 (187.70 to 188.70): BG041169.D (-2360) (-)

Ion 94.00 (93.70 to 94.70): BG041169.D (-2360) (-)

Ion 80.00 (79.70 to 80.70): BG041169.D (-2360) (-)

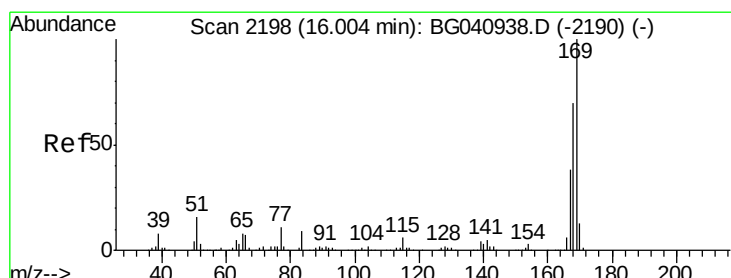
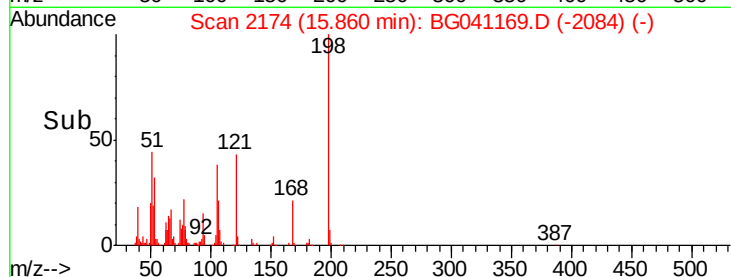
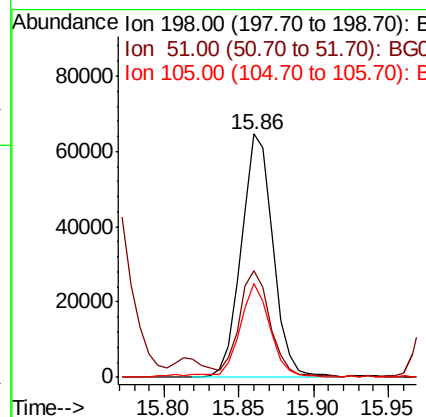
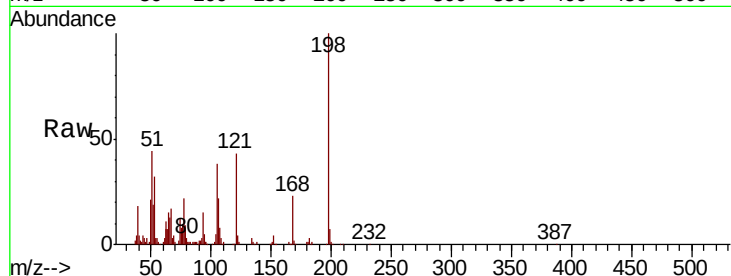




#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.618 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

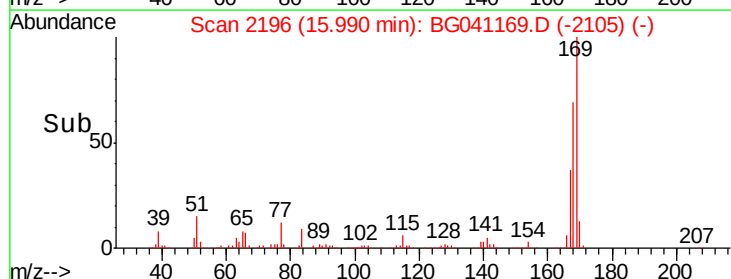
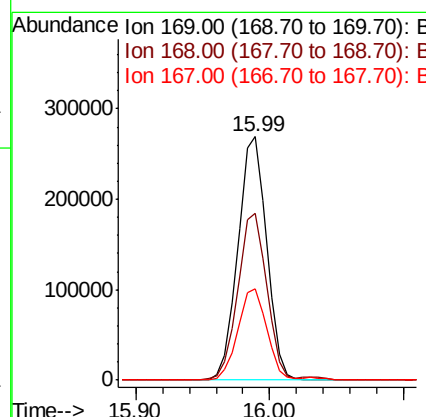
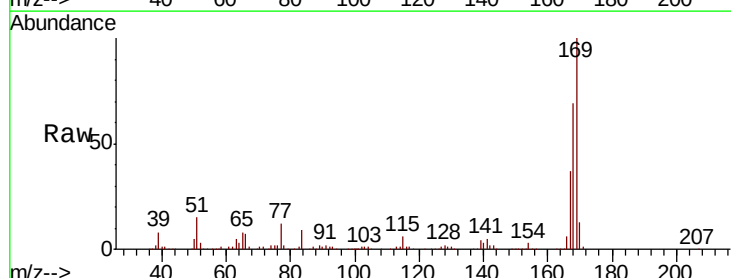
Instrument :
 BNA_G
 ClientSampleId :
 PB120476BS

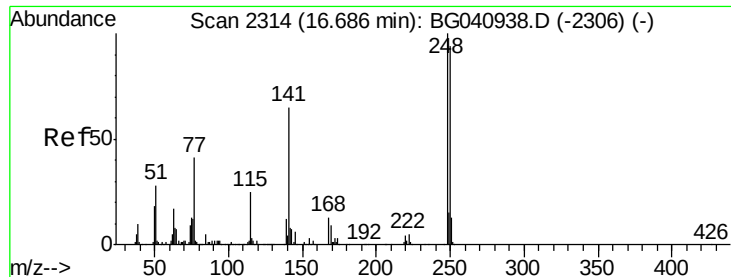
Tgt Ion	Ratio	Lower	Upper
198	100		
51	43.6	21.6	61.6
105	38.4	17.5	57.5



#66
 n-Nitrosodiphenylamine
 Concen: 45.185 ng
 RT: 15.99 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.6	55.7	83.5
167	37.3	30.2	45.2

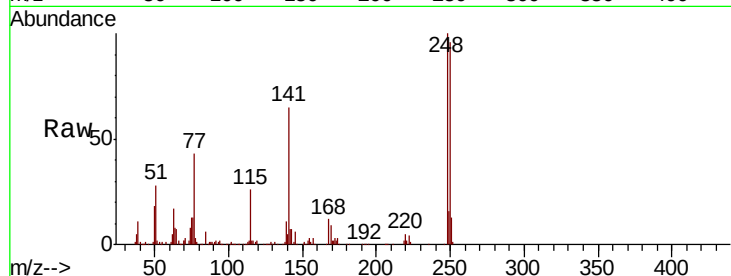




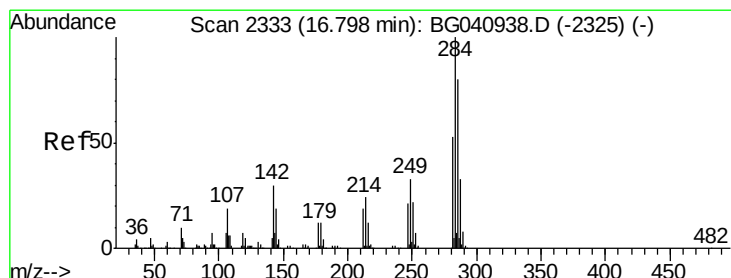
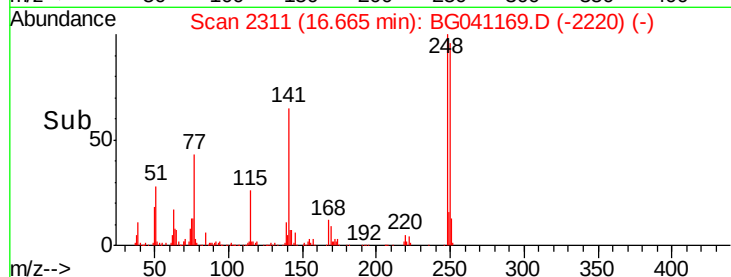
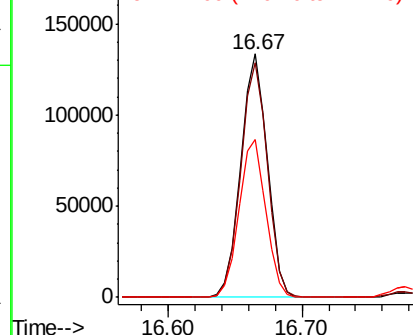
#67
4-Bromophenyl-phenylether
Concen: 42.829 ng
RT: 16.67 min Scan# 2311
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tgt Ion:248 Resp: 183666
Ion Ratio Lower Upper
248 100
250 96.5 75.0 112.4
141 65.0 52.4 78.6

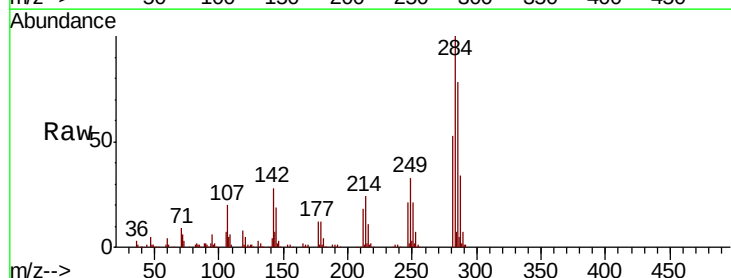


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

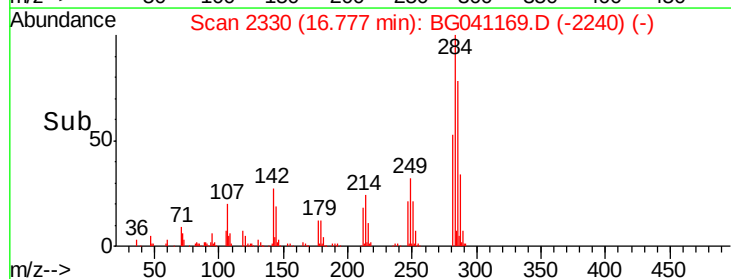
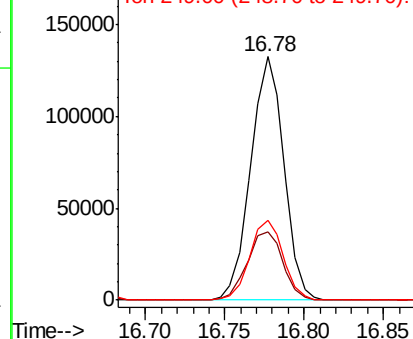


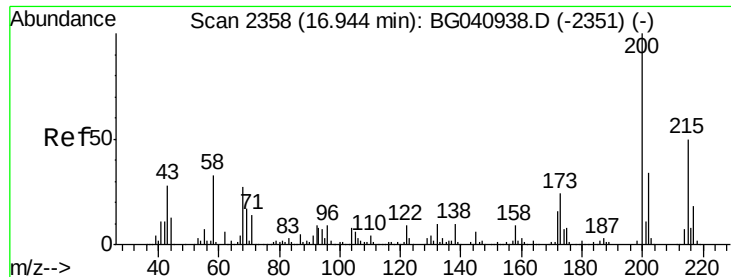
#68
Hexachlorobenzene
Concen: 42.292 ng
RT: 16.78 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion:284 Resp: 193124
Ion Ratio Lower Upper
284 100
142 28.1 23.9 35.9
249 32.7 26.8 40.2



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

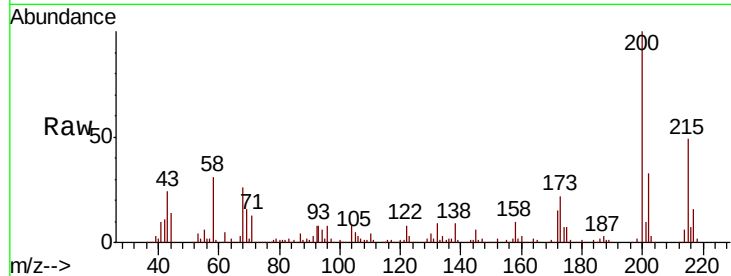




#69
 Atrazine
 Concen: 47.924 ng
 RT: 16.93 min Scan# 2356
 Delta R.T. 0.01 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Instrument :
 BNA_G
 ClientSampleId :
 PB120476BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	21.8	3.6	43.6
215	48.6	29.6	69.6

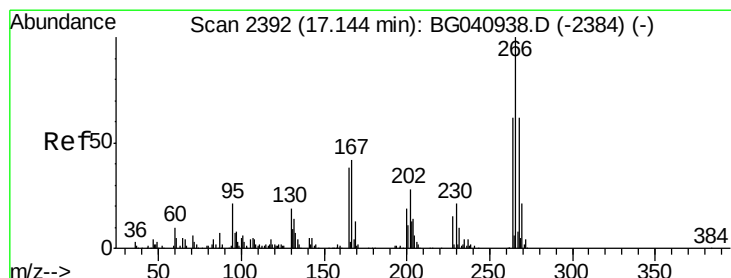
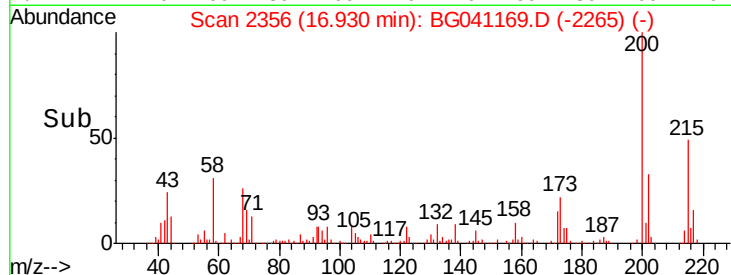
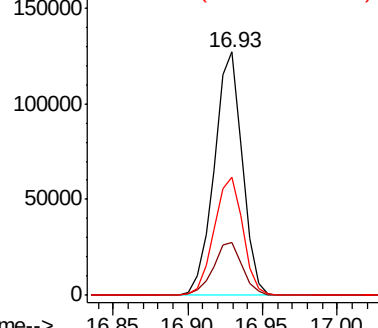


Abundance

Ion 200.00 (199.70 to 200.70): E

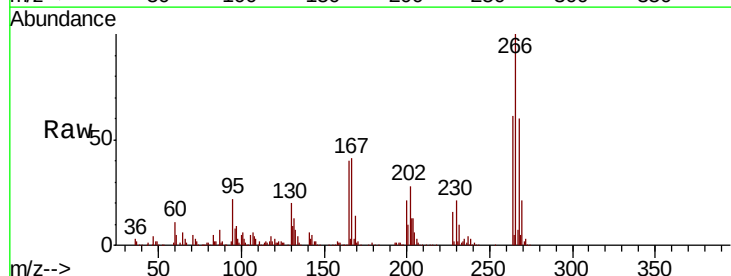
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 95.239 ng
 RT: 17.12 min Scan# 2389
 Delta R.T. -0.00 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.2	53.1	79.7
264	60.6	49.9	74.9

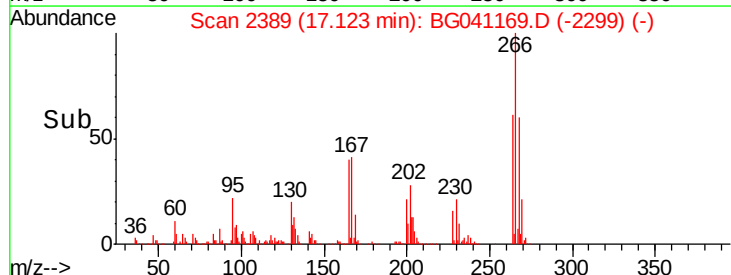
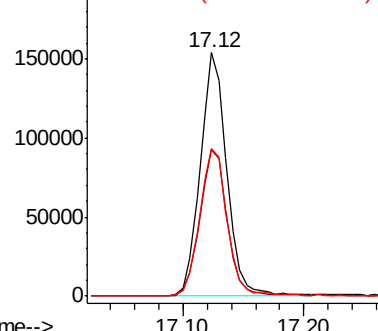


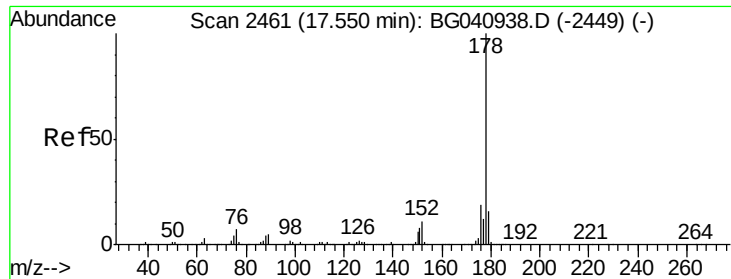
Abundance

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

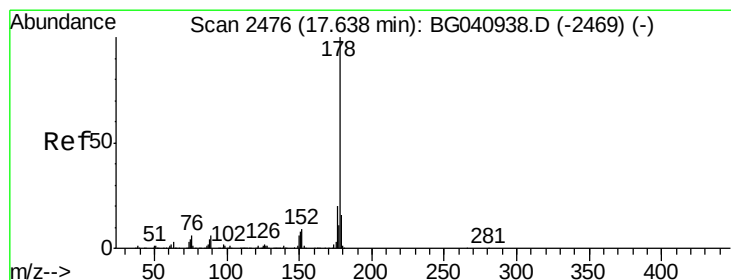
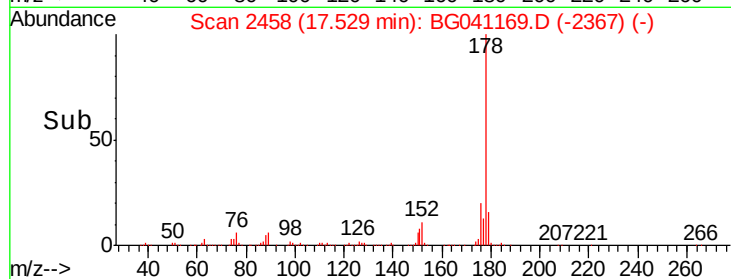
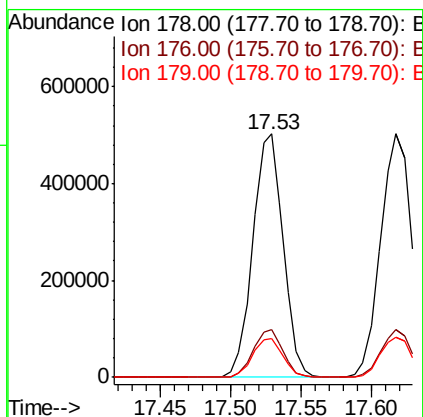
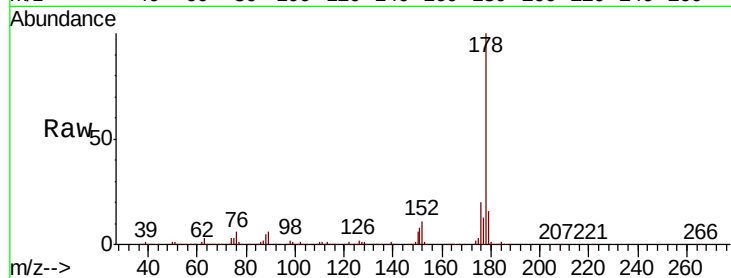




#71
Phenanthrene
Concen: 45.803 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

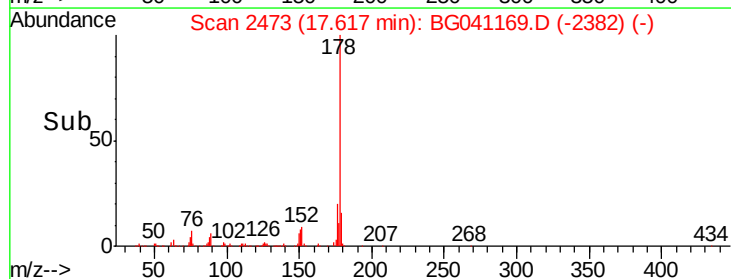
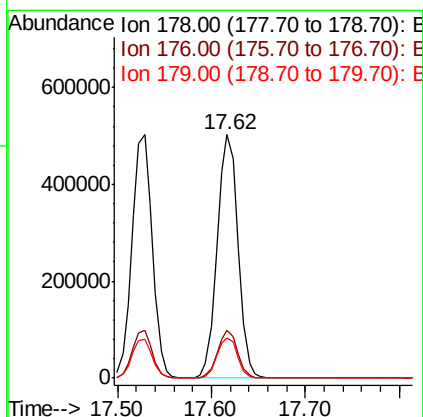
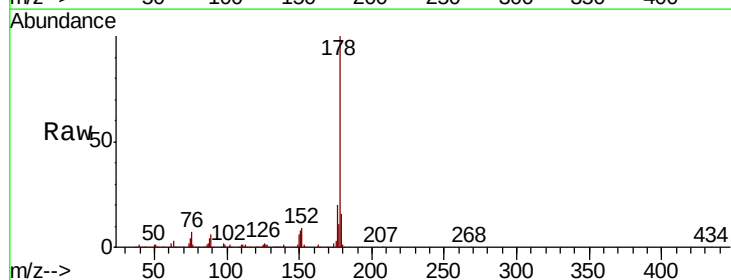
Instrument :
BNA_G
ClientSampleId :
PB120476BS

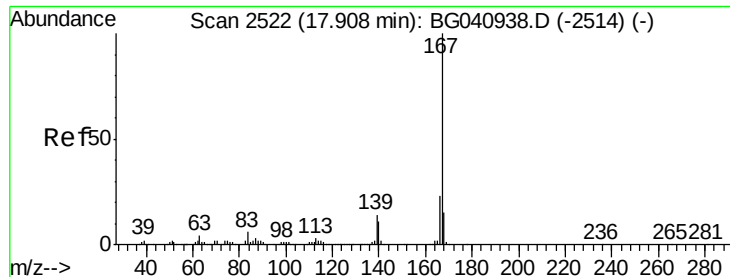
Tgt Ion:178 Resp: 758126
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 16.1 12.7 19.1



#72
Anthracene
Concen: 47.717 ng
RT: 17.62 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion:178 Resp: 778970
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 16.4 13.0 19.4





#73

Carbazole

Concen: 47.943 ng

RT: 17.89 min Scan# 2519

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

ClientSampleId :

PB120476BS

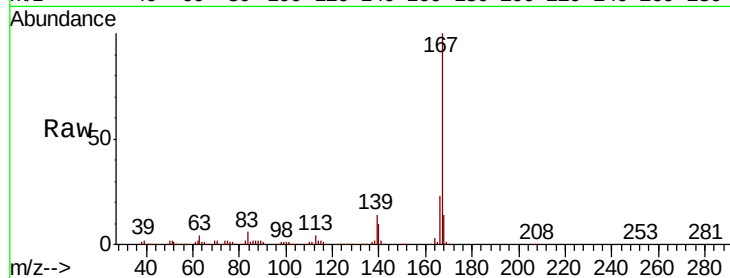
Tgt Ion:167 Resp: 671549

Ion Ratio Lower Upper

167 100

166 23.0 18.2 27.4

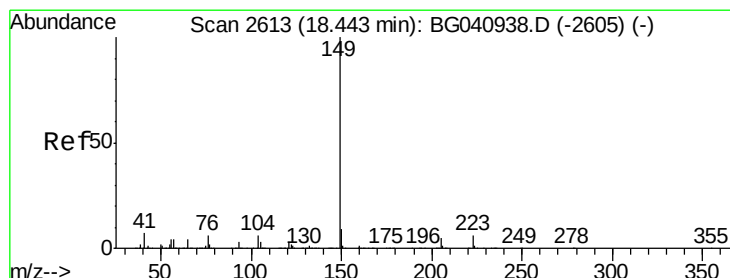
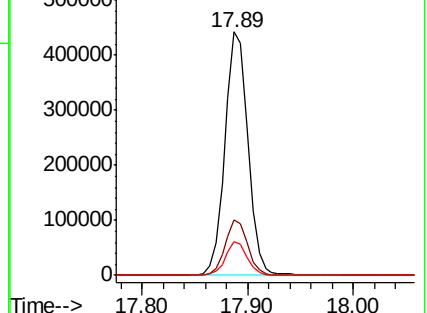
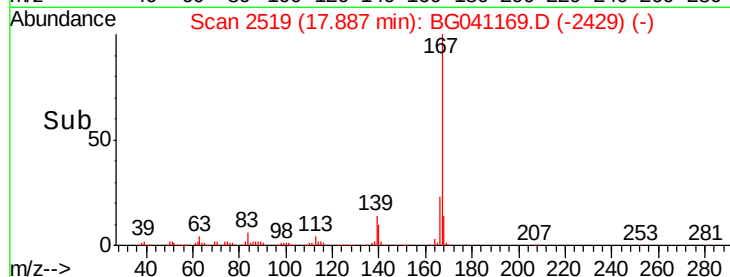
139 13.7 10.8 16.2



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: 44.424 ng

RT: 18.42 min Scan# 2609

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

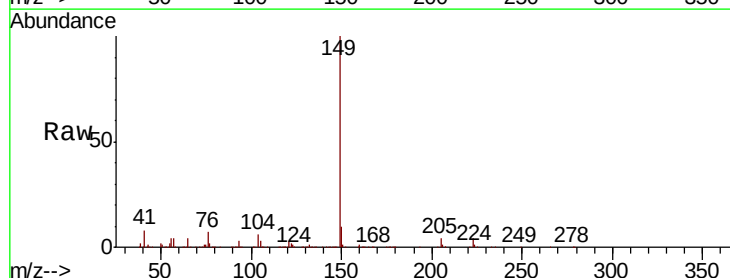
Tgt Ion:149 Resp: 773383

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

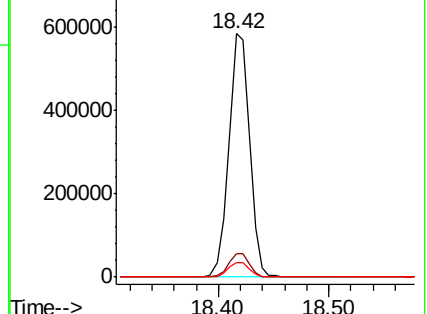
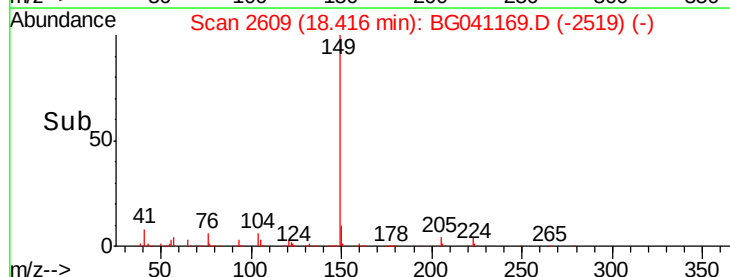
104 6.0 5.0 7.4

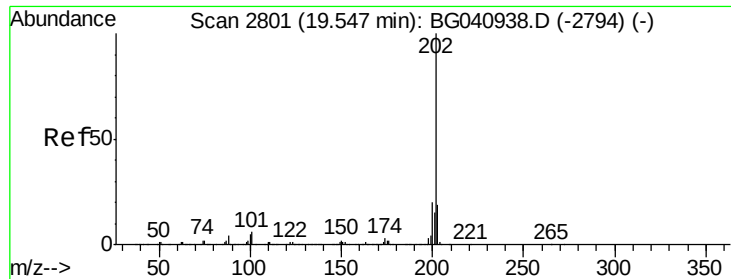


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.236 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

ClientSampleId :

PB120476BS

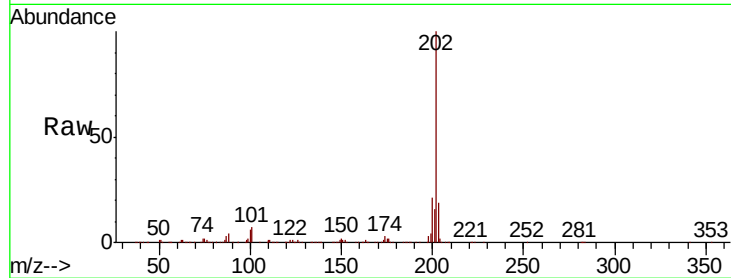
Tgt Ion:202 Resp: 965711

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.2

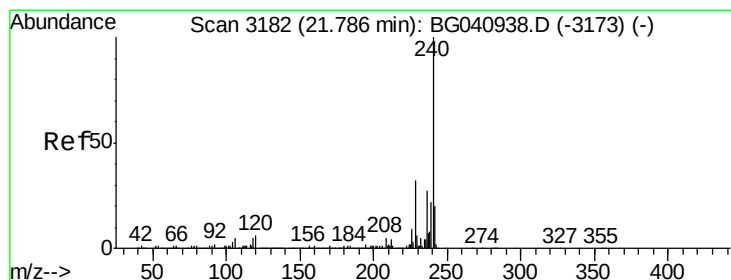
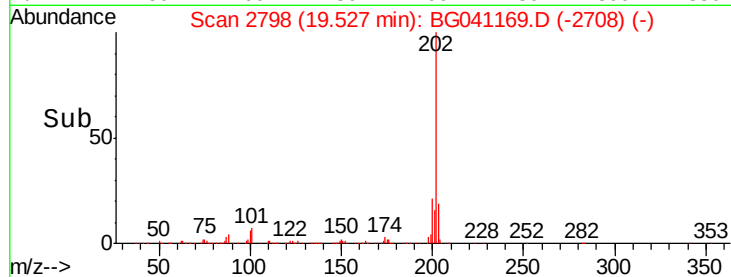
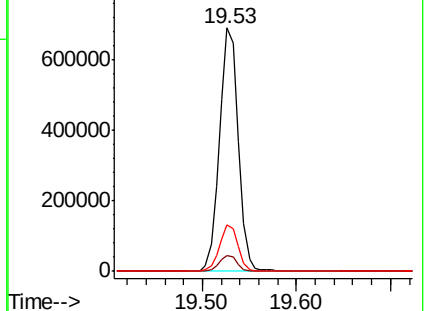
203 19.0 0.0 38.7



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: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

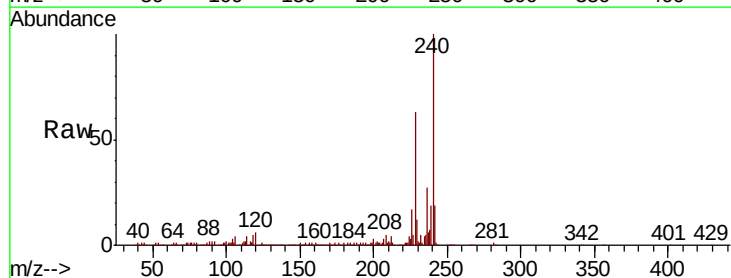
Tgt Ion:240 Resp: 313908

Ion Ratio Lower Upper

240 100

120 5.5 4.5 6.7

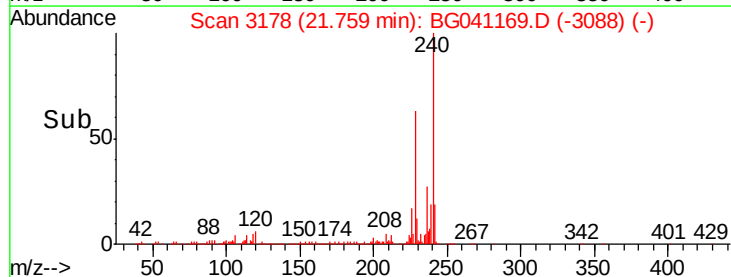
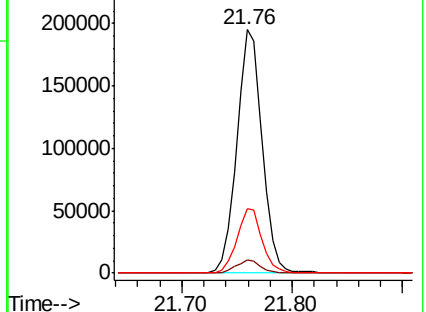
236 26.7 21.3 31.9

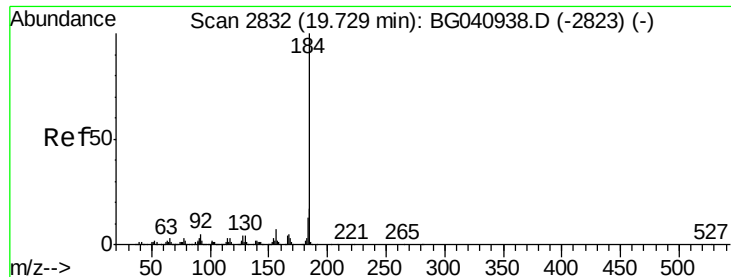


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.894 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

ClientSampleId :

PB120476BS

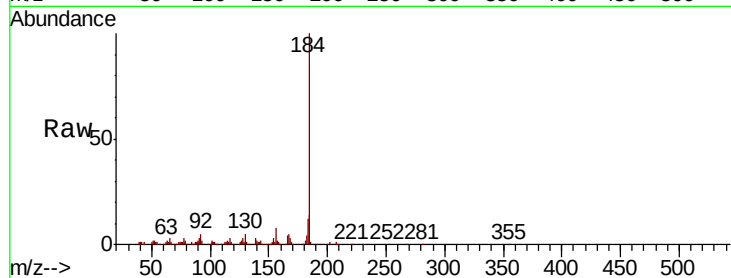
Tgt Ion:184 Resp: 186413

Ion Ratio Lower Upper

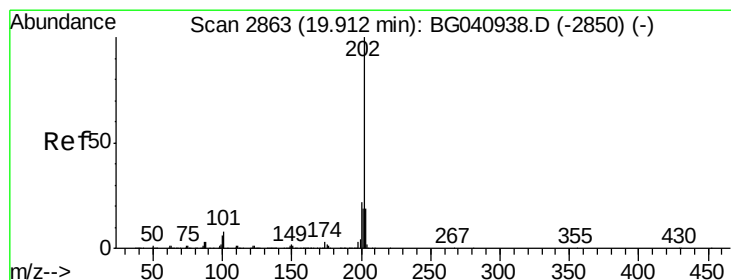
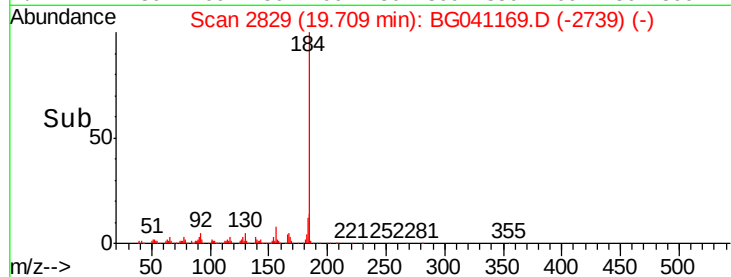
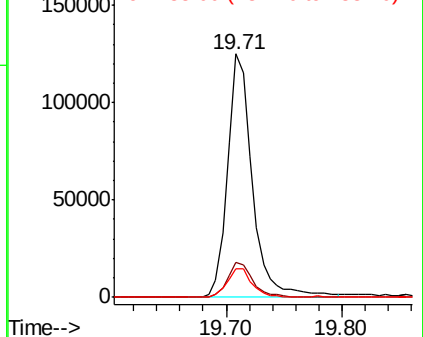
184 100

185 14.5 13.3 19.9

183 11.7 10.7 16.1



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: 47.517 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

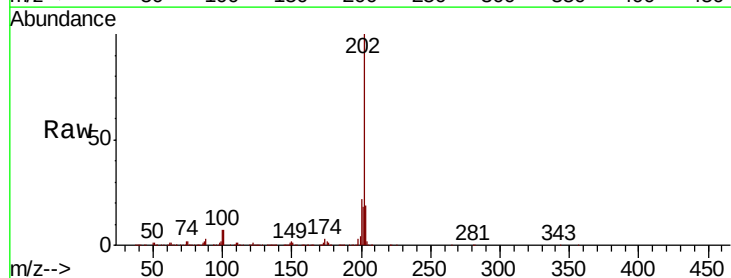
Tgt Ion:202 Resp: 969628

Ion Ratio Lower Upper

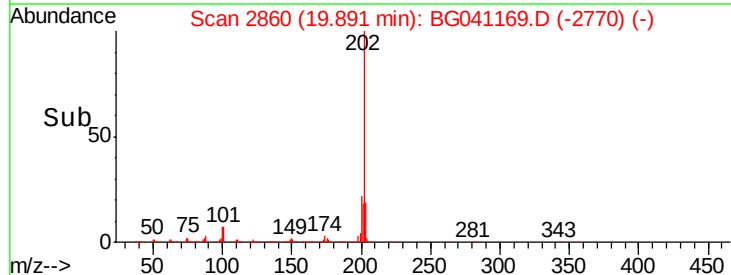
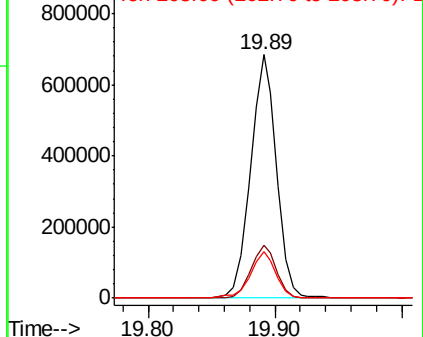
202 100

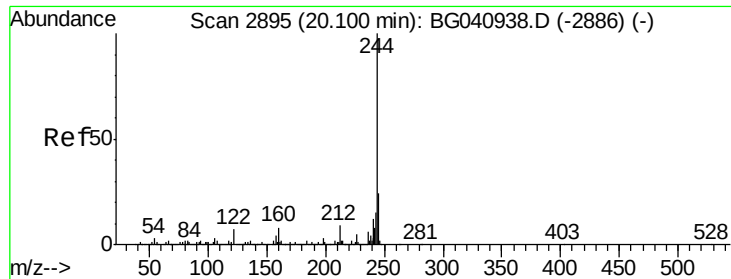
200 22.0 17.5 26.3

203 19.1 15.6 23.4



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: 99.025 ng

RT: 20.08 min Scan# 2892

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

ClientSampled :

PB120476BS

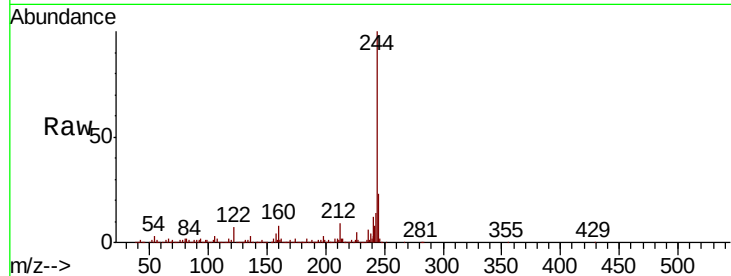
Tgt Ion:244 Resp: 1464643

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.4

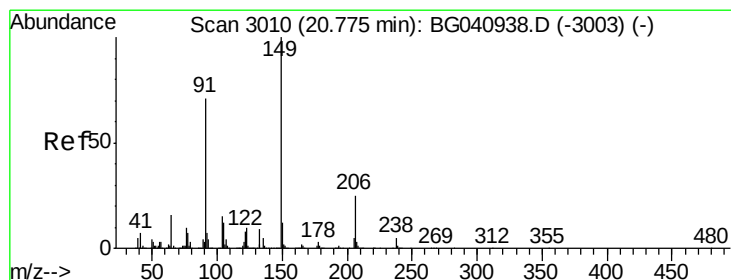
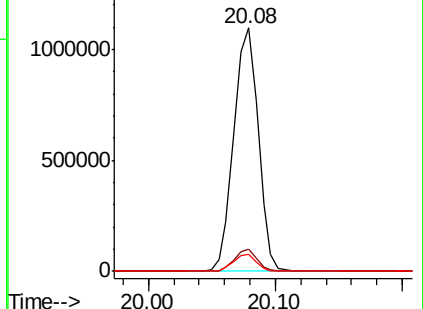
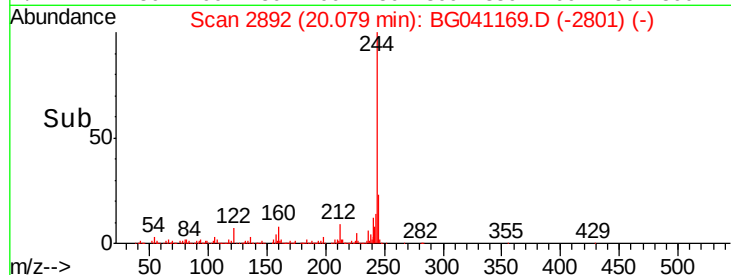
122 7.0 5.4 8.0



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: 45.482 ng

RT: 20.75 min Scan# 3007

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

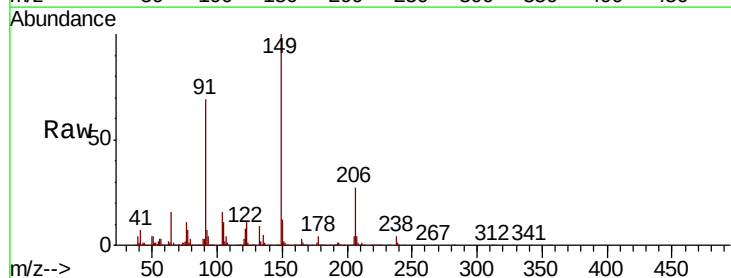
Tgt Ion:149 Resp: 361184

Ion Ratio Lower Upper

149 100

91 69.4 56.5 84.7

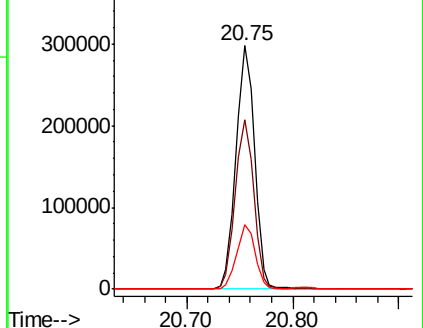
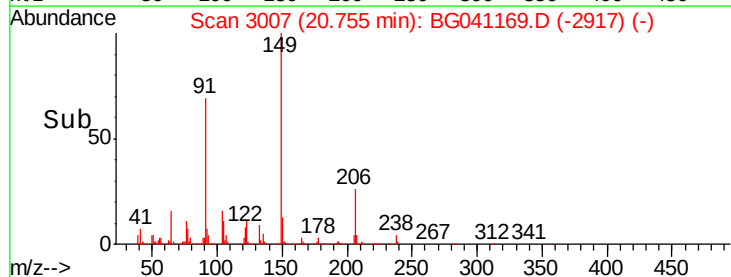
206 26.5 20.3 30.5

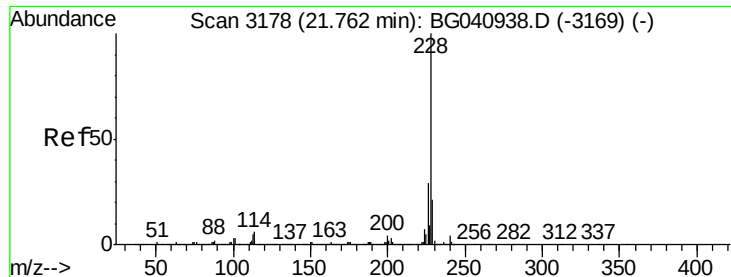


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.881 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

ClientSampleId :

PB120476BS

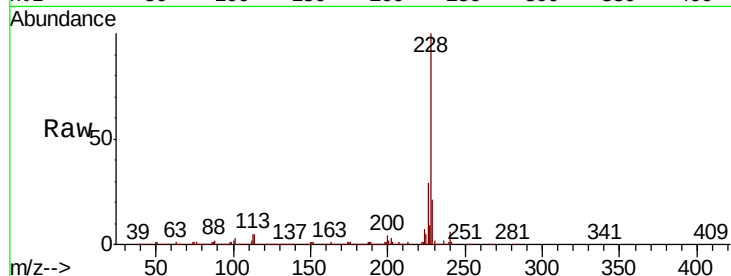
Tgt Ion:228 Resp: 937823

Ion Ratio Lower Upper

228 100

226 28.9 23.5 35.3

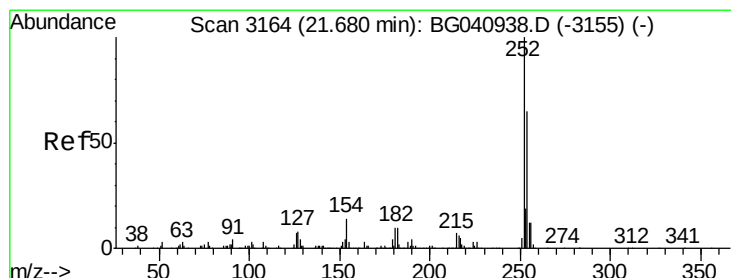
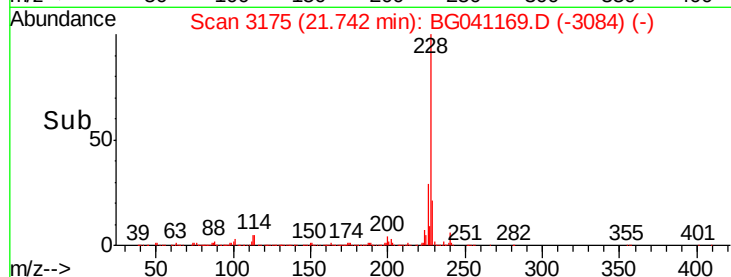
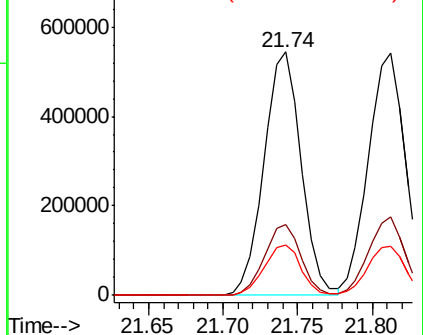
229 20.9 16.7 25.1



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: 22.064 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

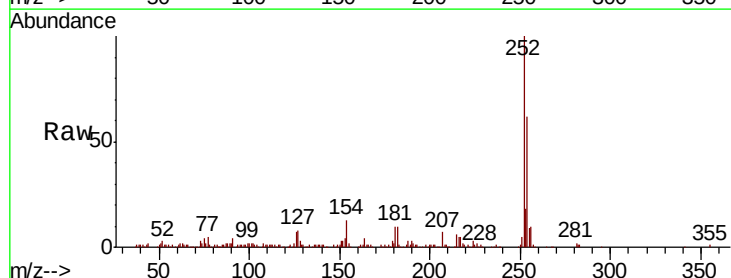
Tgt Ion:252 Resp: 162157

Ion Ratio Lower Upper

252 100

254 62.1 52.1 78.1

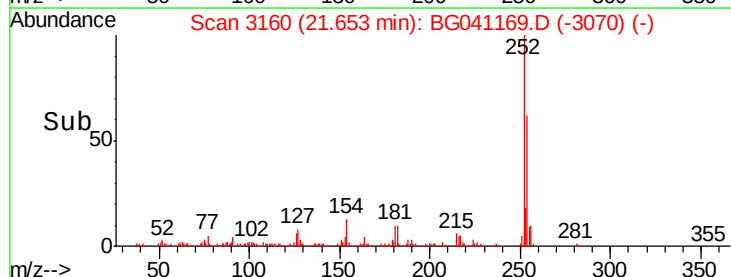
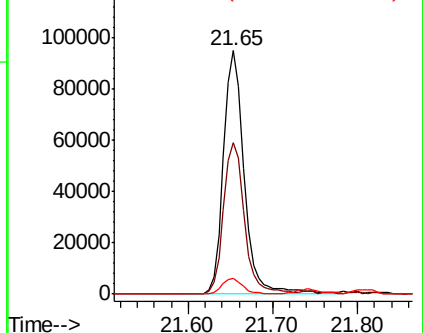
126 6.5 5.5 8.3

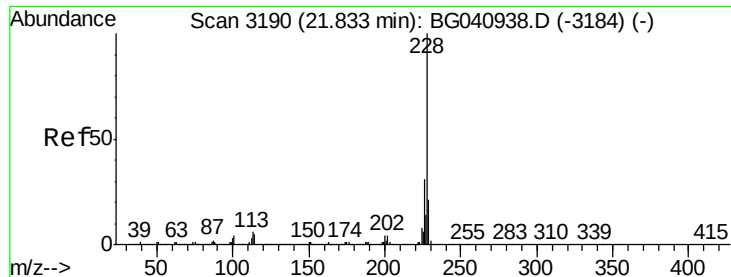


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.346 ng

RT: 21.81 min Scan# 3187

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

ClientSampleId :

PB120476BS

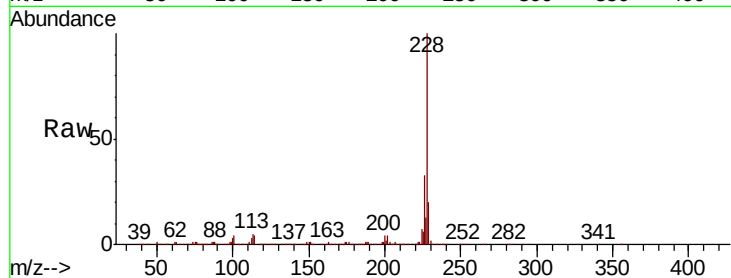
Tgt Ion: 228 Resp: 926757

Ion Ratio Lower Upper

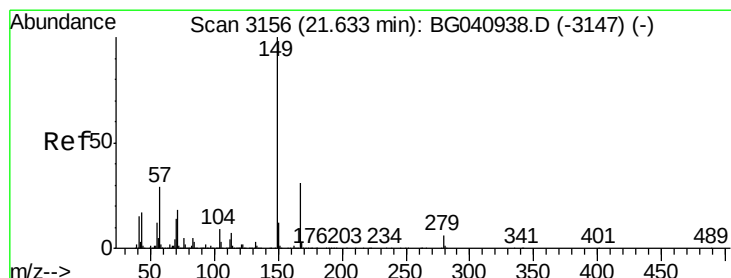
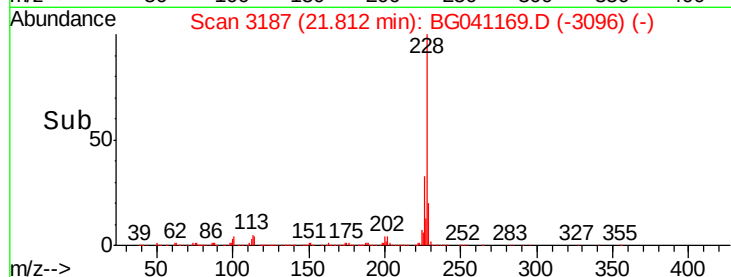
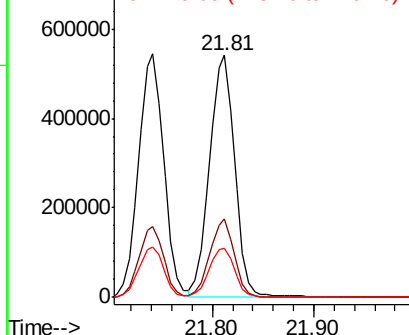
228 100

226 32.6 24.6 37.0

229 20.0 16.6 24.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.602 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

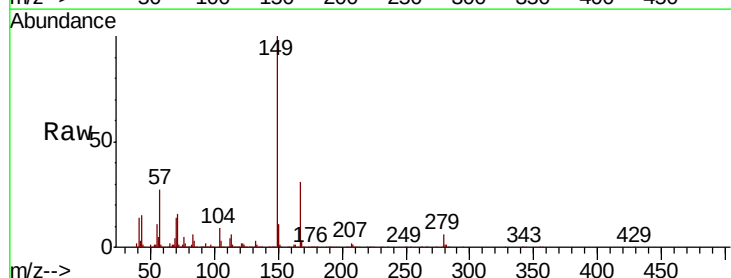
Tgt Ion: 149 Resp: 487424

Ion Ratio Lower Upper

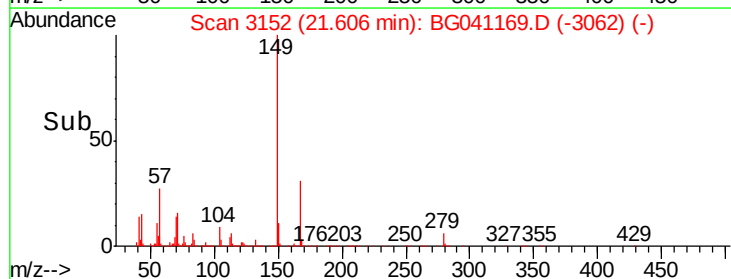
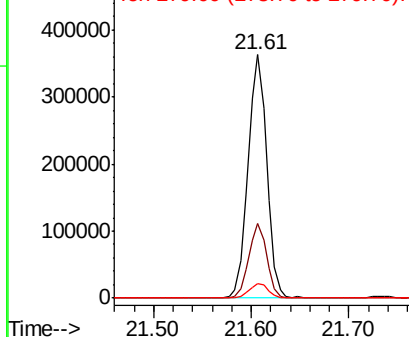
149 100

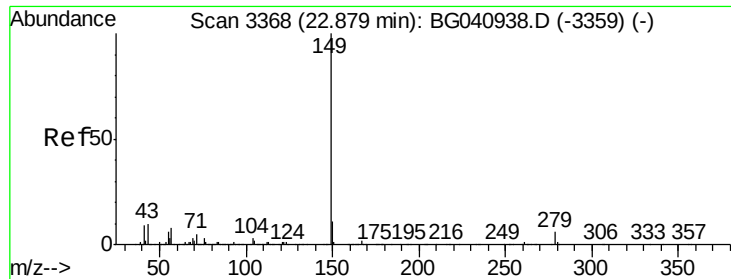
167 30.8 24.6 37.0

279 6.2 5.0 7.6



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

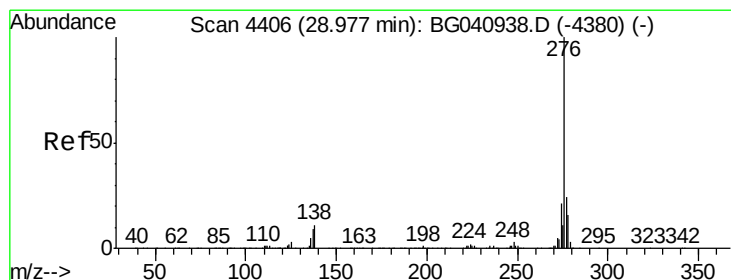
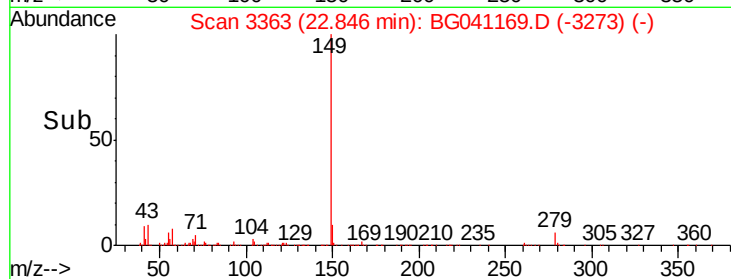
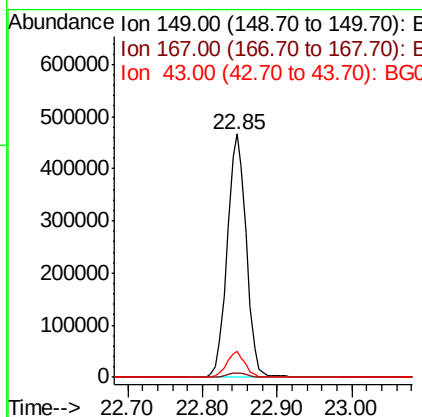
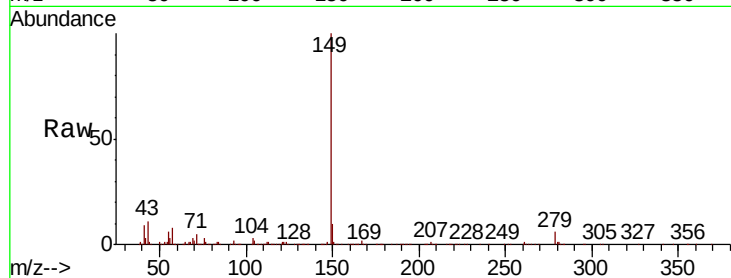




#85
Di-n-octyl phthalate
Concen: 44.464 ng
RT: 22.85 min Scan# 3363
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

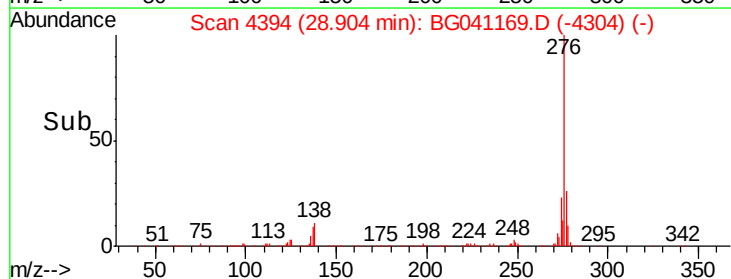
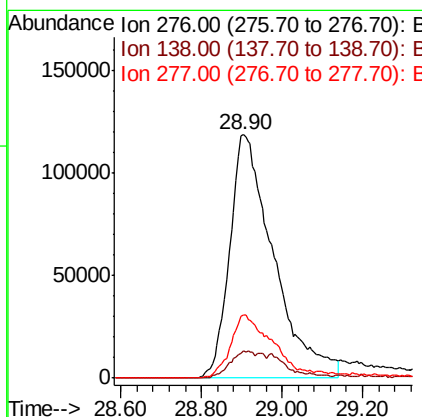
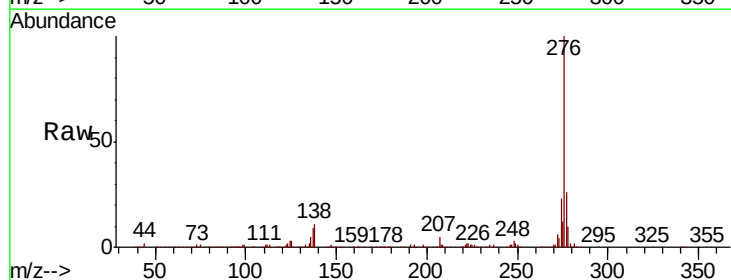
Instrument :
BNA_G
ClientSampleId :
PB120476BS

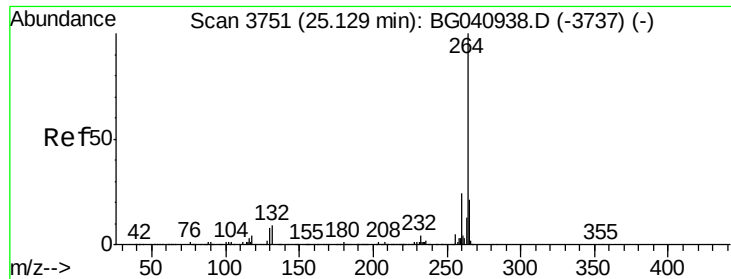
Tgt Ion:149 Resp: 827829
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 9.8 8.1 12.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.677 ng
RT: 28.90 min Scan# 4394
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion:276 Resp: 898397
Ion Ratio Lower Upper
276 100
138 6.1 5.7 8.5
277 24.9 20.8 31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3745

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

ClientSampleId :

PB120476BS

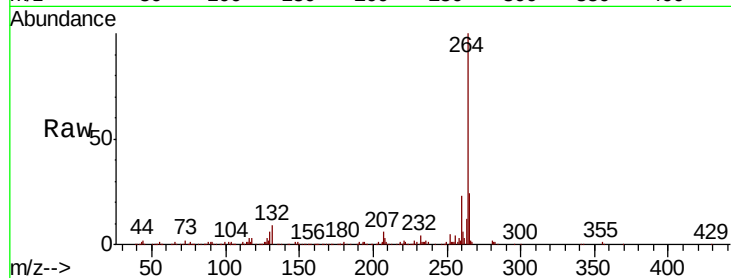
Tgt Ion:264 Resp: 314703

Ion Ratio Lower Upper

264 100

260 22.6 19.0 28.4

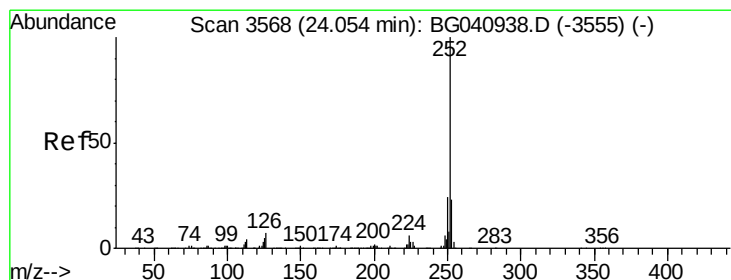
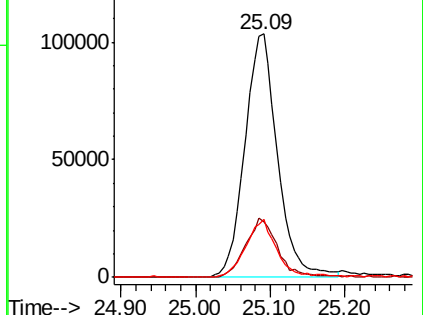
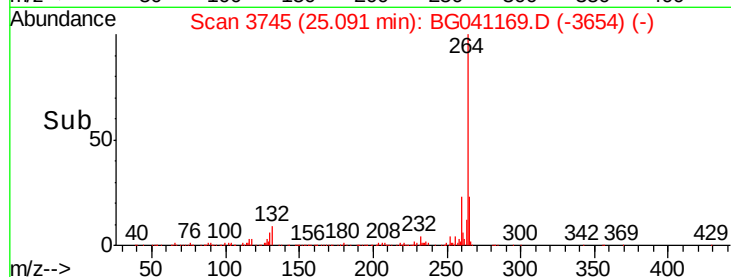
265 23.7 17.0 25.4



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: 47.399 ng

RT: 24.02 min Scan# 3563

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

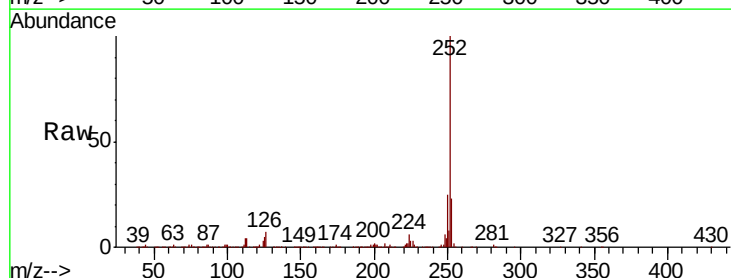
Tgt Ion:252 Resp: 904745

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

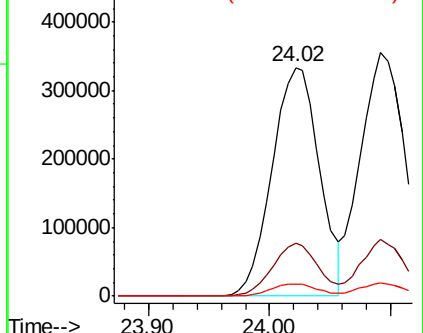
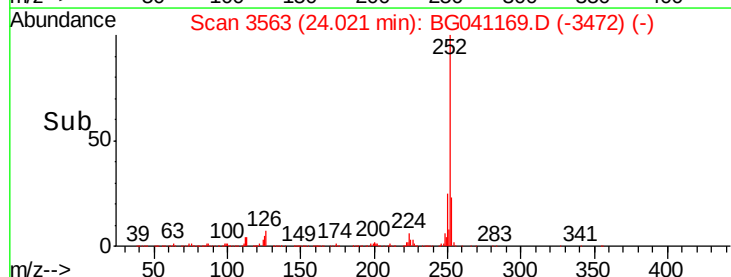
125 5.4 4.3 6.5

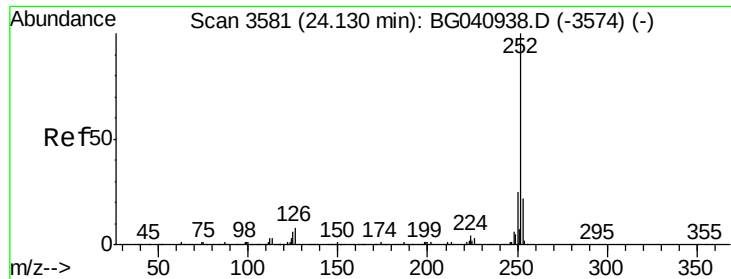


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

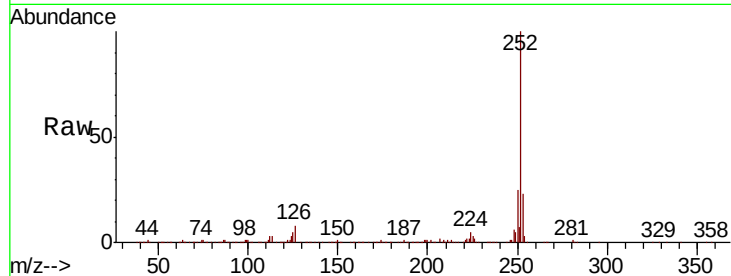




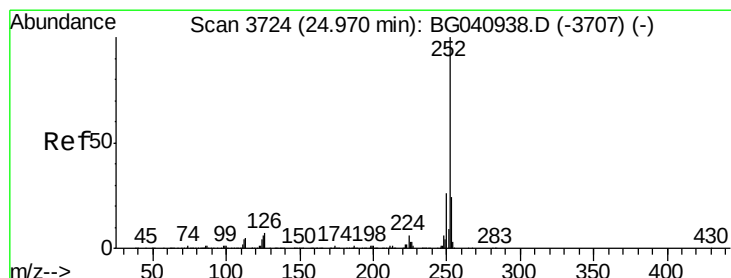
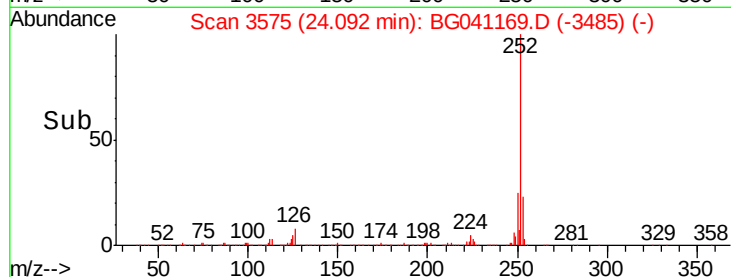
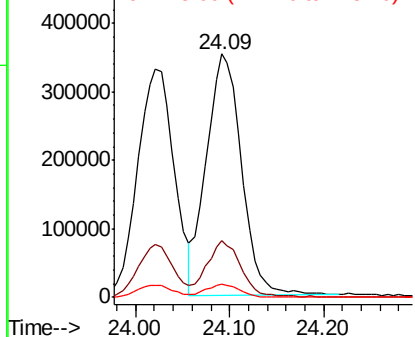
#89
Benzo(k)fluoranthene
Concen: 48.922 ng
RT: 24.09 min Scan# 3575
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tgt Ion:252 Resp: 924068
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 5.2 4.7 7.1

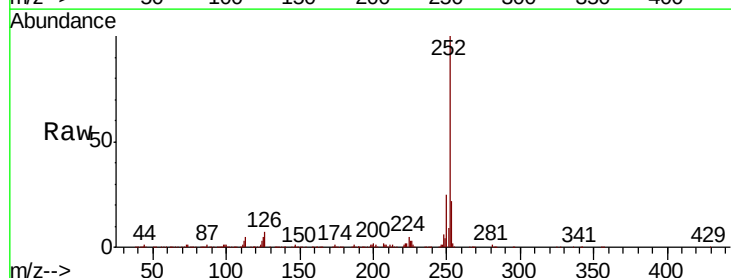


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

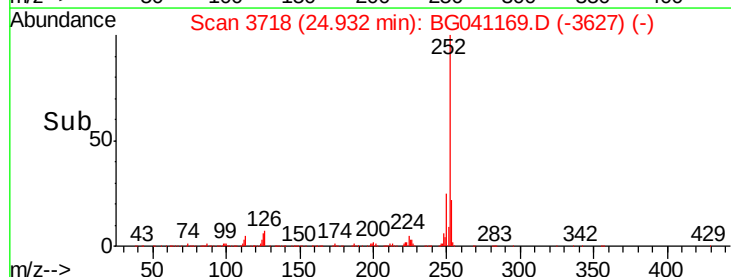
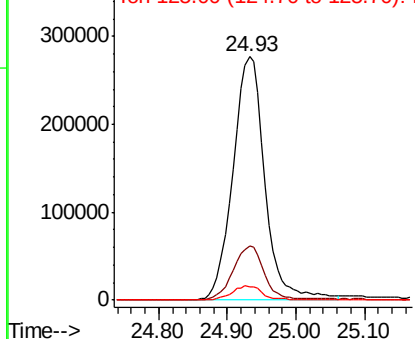


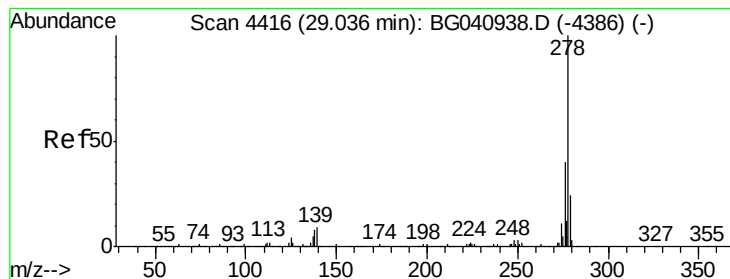
#90
Benzo(a)pyrene
Concen: 48.863 ng
RT: 24.93 min Scan# 3718
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion:252 Resp: 889846
Ion Ratio Lower Upper
252 100
253 22.4 19.5 29.3
125 5.5 5.1 7.7



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

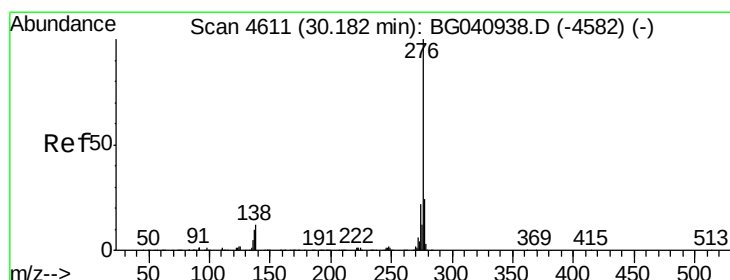
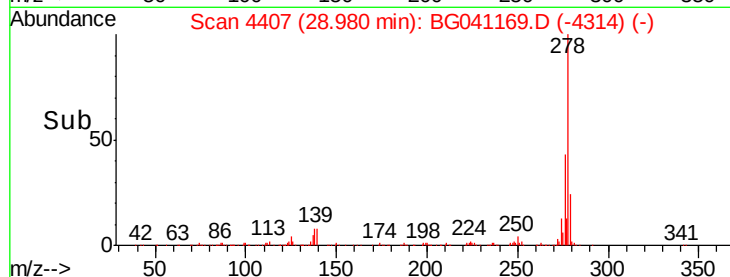
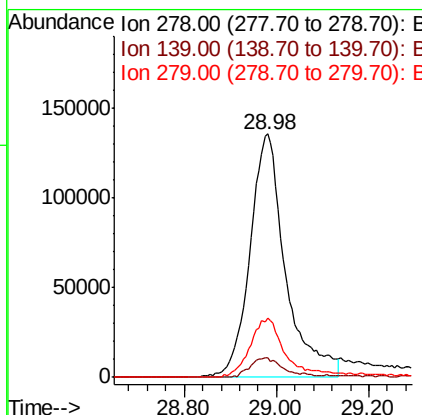
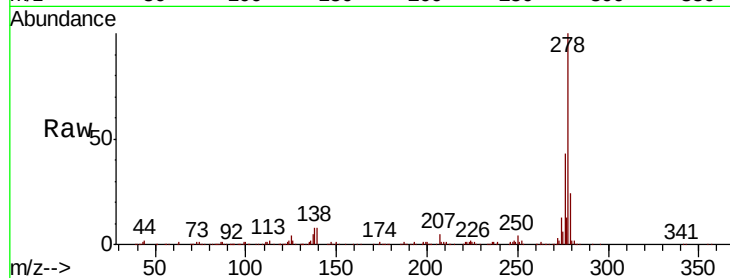




#91
Dibenzo(a,h)anthracene
Concen: 39.919 ng
RT: 28.98 min Scan# 4407
Delta R.T. 0.02 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.0	7.1	10.7
279	24.2	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 40.318 ng
RT: 30.13 min Scan# 4602
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.0
138	9.7	9.7	14.5

