

Data File : BG041060.D
Acq On : 4 Jun 2019 16:19
Operator : HP/JU
Sample : PB120267BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Quant Time: Jun 05 05:22:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	37203	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	136689	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	98251	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	261342	20.00	ng	-0.01
76) Chrysene-d12	21.77	240	282892	20.00	ng	-0.02
87) Perylene-d12	25.10	264	306526	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	278152	134.82	ng	0.00
7) Phenol-d6	7.26	99	386315	121.24	ng	0.00
23) Nitrobenzene-d5	9.29	82	258180	83.85	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	212246	145.51	ng	-0.01
45) 2-Fluorobiphenyl	13.36	172	585628	85.84	ng	-0.02
79) Terphenyl-d14	20.08	244	1149802	86.26	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	40246	42.988	ng	# 92
3) Pyridine	3.92	79	106051	38.282	ng	96
4) n-Nitrosodimethylamine	3.84	42	55692	43.317	ng	# 96
6) Aniline	7.44	93	102188	24.027	ng	97
8) 2-Chlorophenol	7.67	128	104670	42.555	ng	95
9) Benzaldehyde	7.25	77	39786	20.932	ng	86
10) Phenol	7.29	94	139120	40.721	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	94407	38.092	ng	97
12) 1,3-Dichlorobenzene	8.00	146	119013	40.512	ng	98
13) 1,4-Dichlorobenzene	8.15	146	122248	41.111	ng	98
14) 1,2-Dichlorobenzene	8.46	146	113667	39.369	ng	99
15) Benzyl Alcohol	8.35	79	116554	39.544	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	149717	36.968	ng	99
17) 2-Methylphenol	8.55	107	96924	39.183	ng	98
18) Hexachloroethane	9.20	117	45647	39.828	ng	98
19) n-Nitroso-di-n-propylamine	8.92	70	91303	37.235	ng	96
20) 3+4-Methylphenols	8.88	107	134998	39.399	ng	99
22) Acetophenone	8.94	105	170411	44.443	ng	# 98
24) Nitrobenzene	9.33	77	141924	45.231	ng	100
25) Isophorone	9.84	82	257164	43.888	ng	99
26) 2-Nitrophenol	10.04	139	62720	48.486	ng	95
27) 2,4-Dimethylphenol	10.09	122	106223	49.721	ng	90
28) bis(2-Chloroethoxy)methane	10.33	93	132524	41.904	ng	97
29) 2,4-Dichlorophenol	10.57	162	124758	45.986	ng	95
30) 1,2,4-Trichlorobenzene	10.79	180	127814	41.414	ng	97
31) Naphthalene	10.98	128	322611	43.959	ng	99
32) Benzoic acid	10.20	122	47289	31.775	ng	97
33) 4-Chloroaniline	11.10	127	84303	24.757	ng	96
34) Hexachlorobutadiene	11.24	225	94327	39.945	ng	96
35) Caprolactam	11.88	113	29777	33.238	ng	86
36) 4-Chloro-3-methylphenol	12.20	107	140426	45.323	ng	97
37) 2-Methylnaphthalene	12.58	142	237728	42.058	ng	98
38) 1-Methylnaphthalene	12.58	142	237728	44.632	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	170508	43.057	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	222297	101.913	ng	98
43) 2,4,6-Trichlorophenol	13.18	196	118696	46.333	ng	98
44) 2,4,5-Trichlorophenol	13.25	196	127778	47.294	ng	98
46) 1,1'-Biphenyl	13.58	154	326145	44.845	ng	100
47) 2-Chloronaphthalene	13.63	162	265582	42.537	ng	99
48) 2-Nitroaniline	13.83	65	102628	45.819	ng	95
49) Acenaphthylene	14.47	152	425591	45.291	ng	98
50) Dimethylphthalate	14.19	163	368741	44.336	ng	98
51) 2,6-Dinitrotoluene	14.32	165	81482	45.439	ng	97
52) Acenaphthene	14.81	154	243425	42.762	ng	94
53) 3-Nitroaniline	14.66	138	52220	29.122	ng	93
54) 2,4-Dinitrophenol	14.86	184	89076	90.291	ng	95
55) Dibenzofuran	15.14	168	428530	44.738	ng	98
56) 4-Nitrophenol	14.95	139	136299	110.818	ng	93
57) 2,4-Dinitrotoluene	15.10	165	118496	46.780	ng	# 96
58) Fluorene	15.78	166	341167	44.724	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	131489	49.522	ng	99
60) Diethylphthalate	15.54	149	378451	44.588	ng	100
61) 4-Chlorophenyl-phenylether	15.77	204	212530	42.864	ng	96
62) 4-Nitroaniline	15.82	138	87685	46.190	ng	96
63) Azobenzene	16.07	77	344610	44.671	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	72521	51.108	ng	99
66) n-Nitrosodiphenylamine	15.99	169	315273	42.914	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	139873	39.659	ng	94
68) Hexachlorobenzene	16.78	284	148454	39.529	ng	98
69) Atrazine	16.93	200	136454	48.136	ng	97
70) Pentachlorophenol	17.13	266	179407	88.686	ng	96
71) Phenanthrene	17.53	178	596971	43.853	ng	99
72) Anthracene	17.62	178	619544	46.145	ng	99
73) Carbazole	17.89	167	553571	48.053	ng	98
74) Di-n-butylphthalate	18.42	149	639397	44.657	ng	99
75) Fluoranthene	19.53	202	796855	47.392	ng	99
77) Benzidine	19.72	184	325024	48.163	ng	96
78) Pyrene	19.90	202	799098	43.453	ng	99
80) Butylbenzylphthalate	20.76	149	303112	42.355	ng	98
81) Benzo(a)anthracene	21.75	228	795616	42.250	ng	100
82) 3,3'-Dichlorobenzidine	21.66	252	182358	27.533	ng	97
83) Chrysene	21.82	228	783922	43.502	ng	100
84) Bis(2-ethylhexyl)phthalate	21.61	149	421211	41.810	ng	100
85) Di-n-octyl phthalate	22.86	149	735277	43.823	ng	99
86) Indeno(1,2,3-cd)pyrene	28.93	276	965550	43.740	ng	# 96
88) Benzo(b)fluoranthene	24.03	252	810108	43.573	ng	98
89) Benzo(k)fluoranthene	24.10	252	803840	43.692	ng	99
90) Benzo(a)pyrene	24.94	252	799006	45.045	ng	98
91) Dibenzo(a,h)anthracene	28.99	278	799379	45.102	ng	99
92) Benzo(g,h,i)perylene	30.14	276	805638	46.787	ng	97

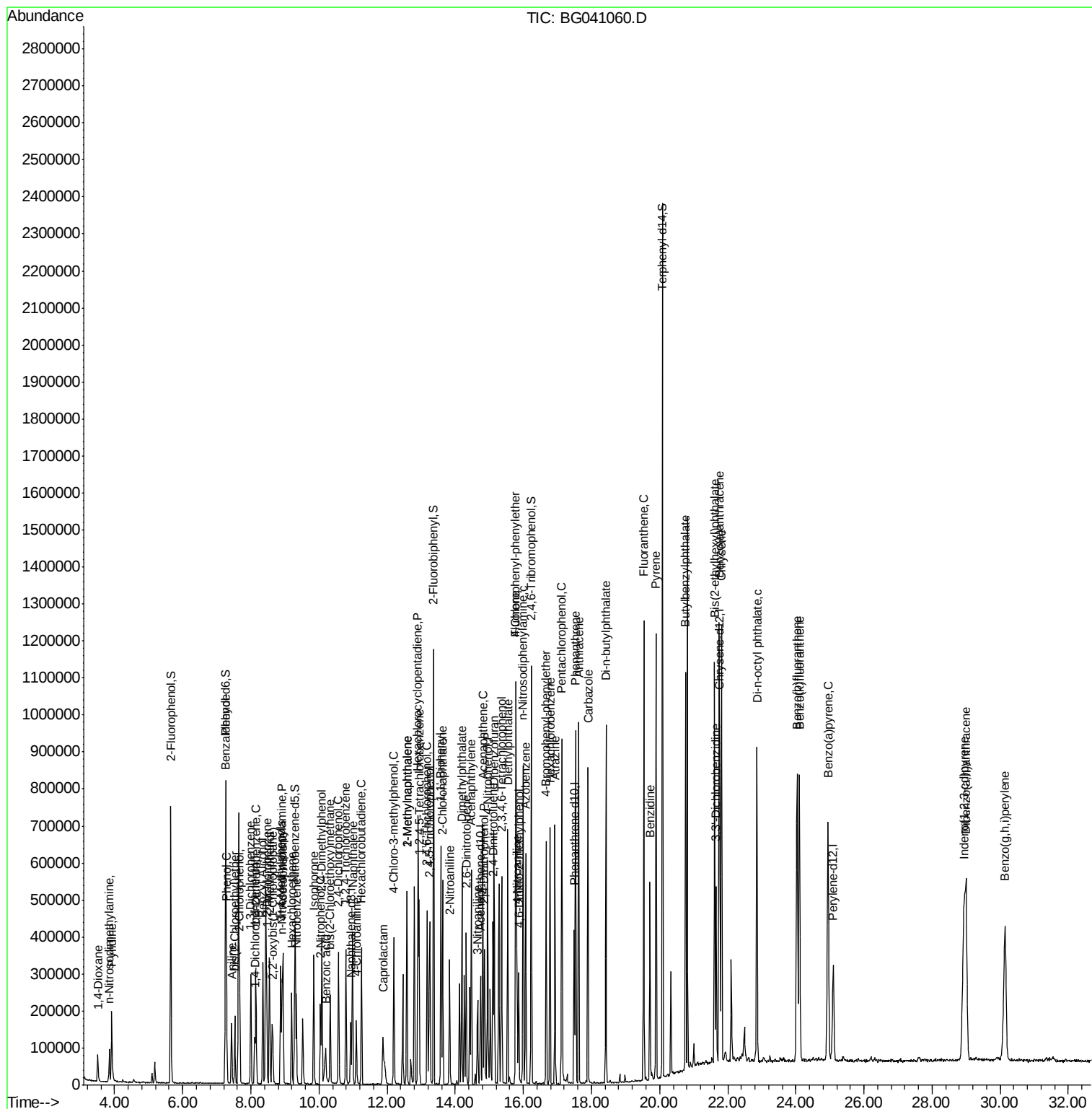
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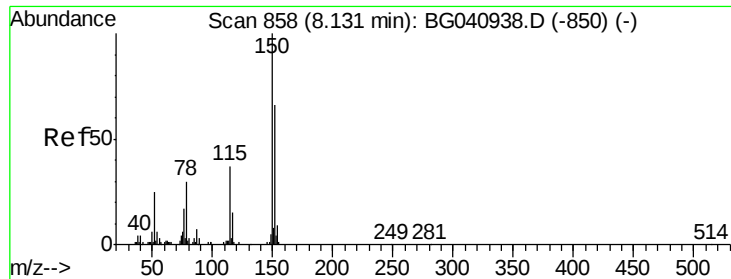
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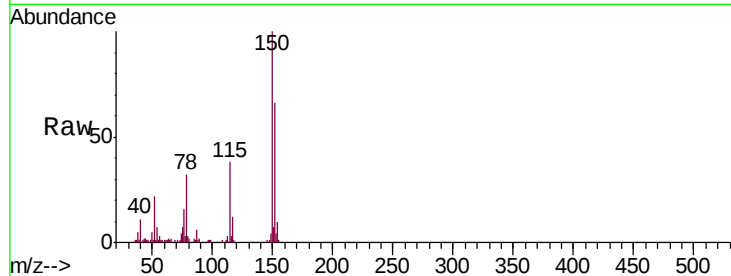


#1

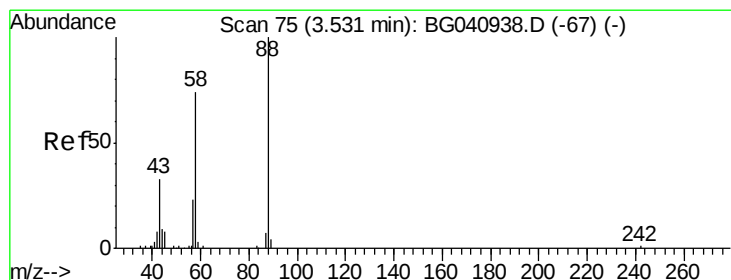
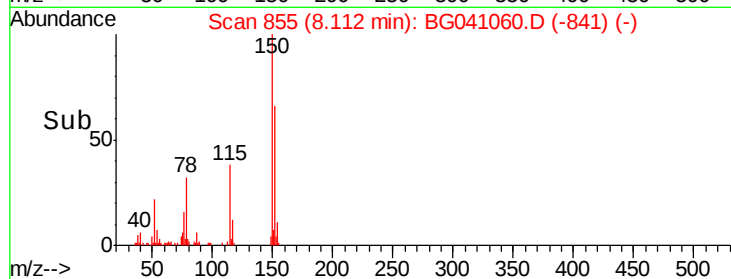
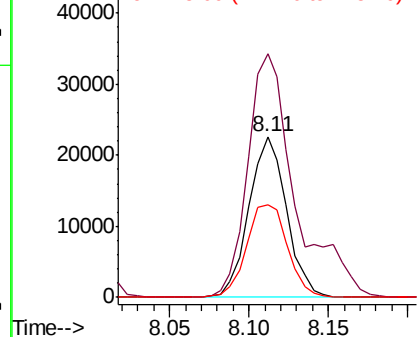
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tgt Ion:152 Resp: 37203
Ion Ratio Lower Upper
152 100
150 151.6 120.6 180.8
115 57.4 45.1 67.7



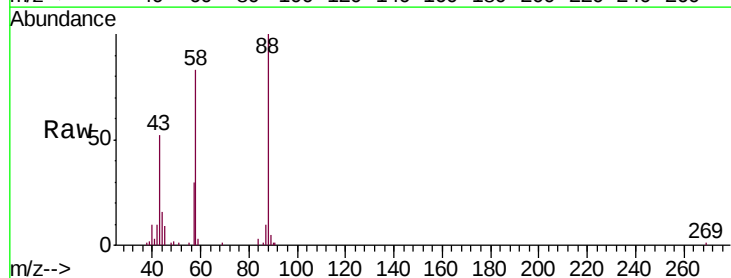
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



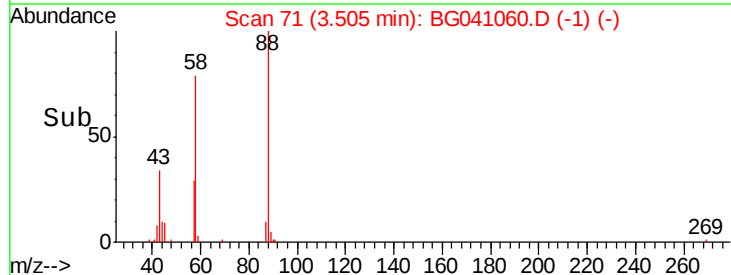
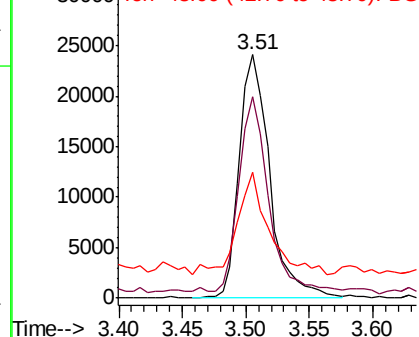
#2

1,4-Dioxane
Concen: 42.988 ng
RT: 3.51 min Scan# 71
Delta R.T. -0.03 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion: 88 Resp: 40246
Ion Ratio Lower Upper
88 100
58 77.2 59.0 88.6
43 43.1 27.2 40.8#



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





#3

Pyridine

Concen: 38.282 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB120267BS

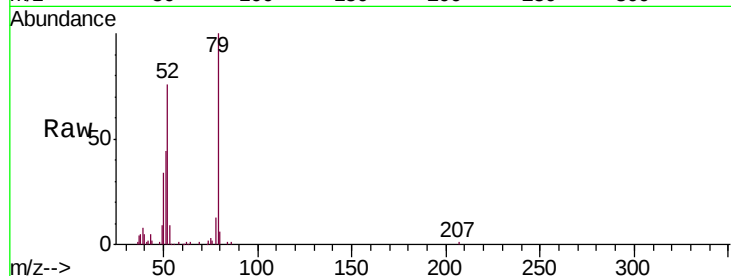
Tgt Ion: 79 Resp: 106051

Ion Ratio Lower Upper

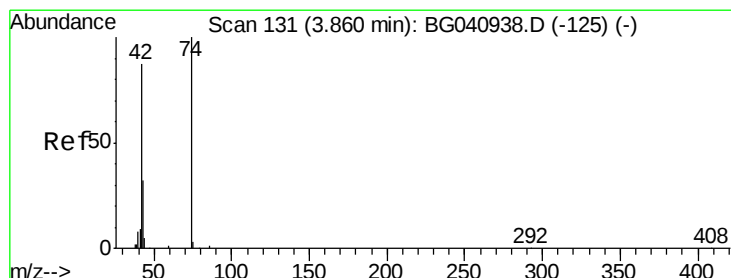
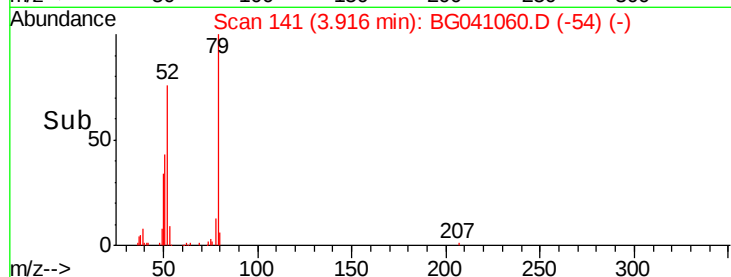
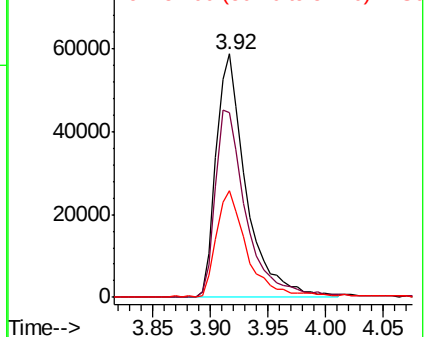
79 100

52 75.8 64.8 97.2

51 43.8 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: 43.317 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

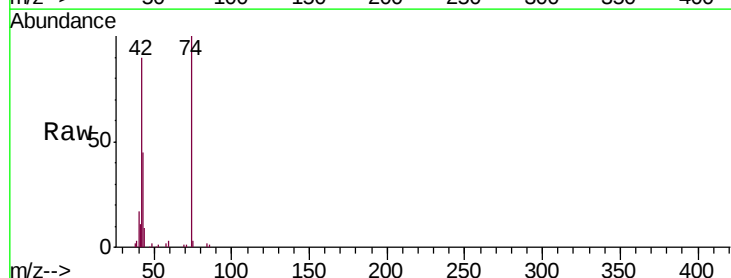
Tgt Ion: 42 Resp: 55692

Ion Ratio Lower Upper

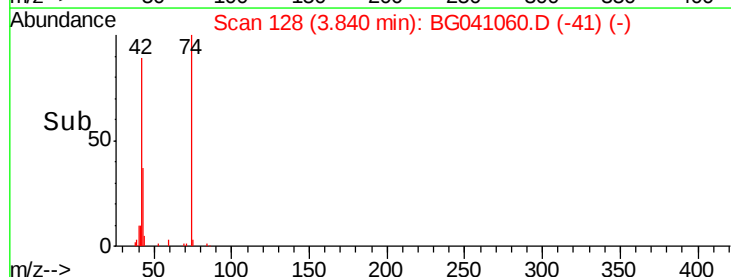
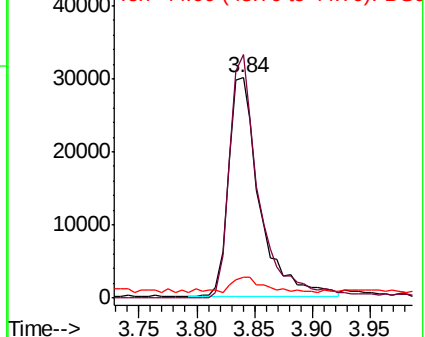
42 100

74 110.6 91.8 137.6

44 9.7 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: 134.819 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

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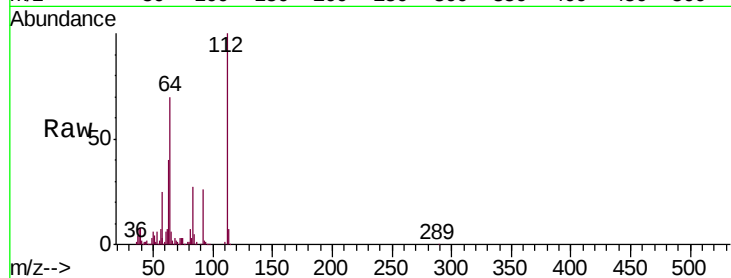
Tgt Ion: 112 Resp: 278152

Ion Ratio Lower Upper

112 100

64 69.6 56.2 84.2

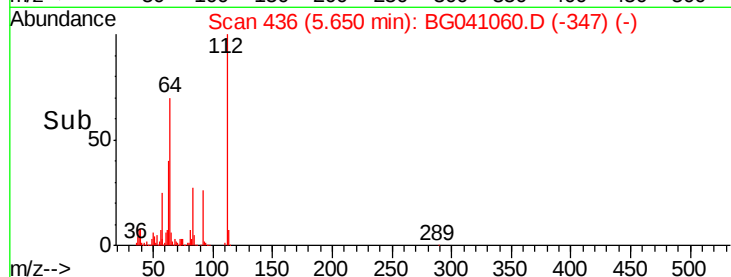
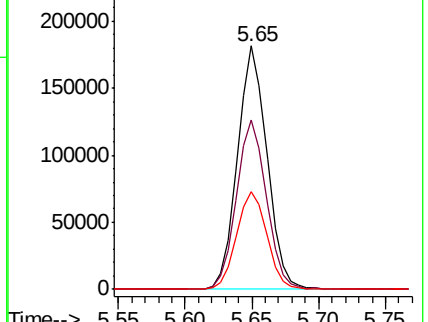
63 39.9 32.8 49.2



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: 24.027 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

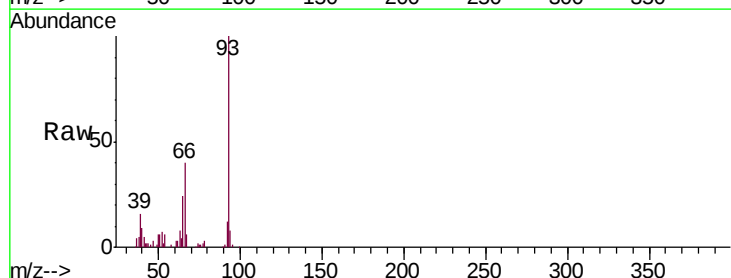
Tgt Ion: 93 Resp: 102188

Ion Ratio Lower Upper

93 100

66 40.4 33.8 50.8

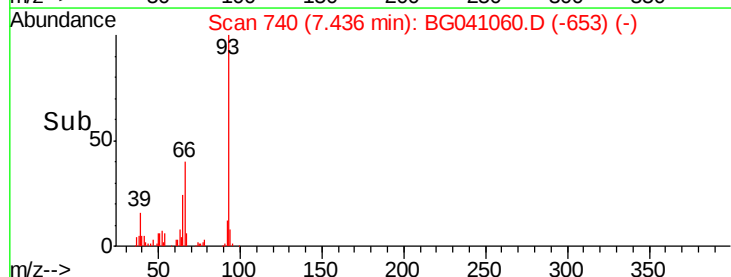
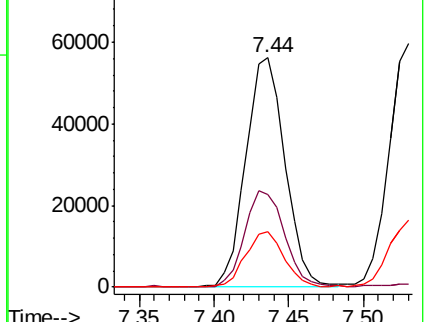
65 24.0 18.3 27.5



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: 121.242 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

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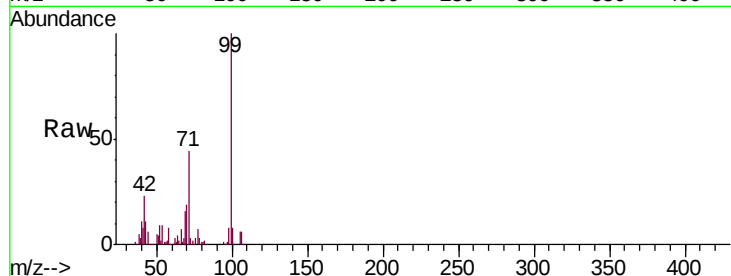
Tgt Ion: 99 Resp: 386315

Ion Ratio Lower Upper

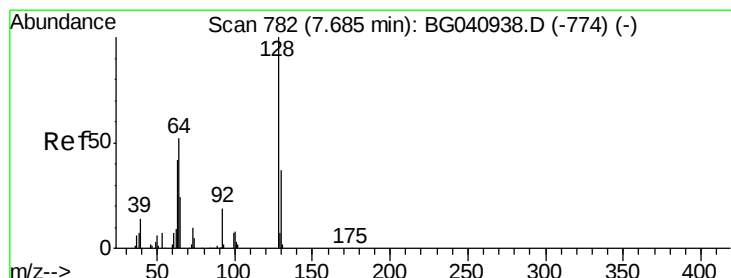
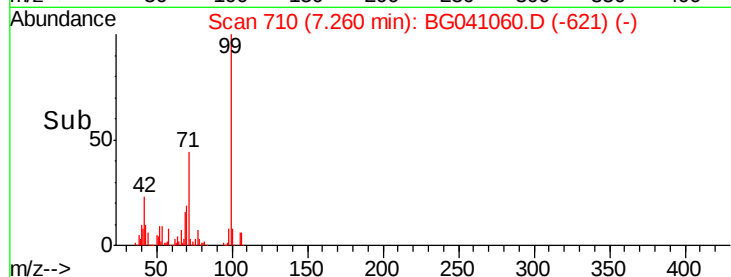
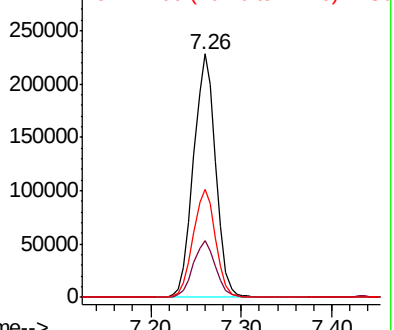
99 100

42 23.1 17.9 26.9

71 44.4 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: 42.555 ng

RT: 7.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

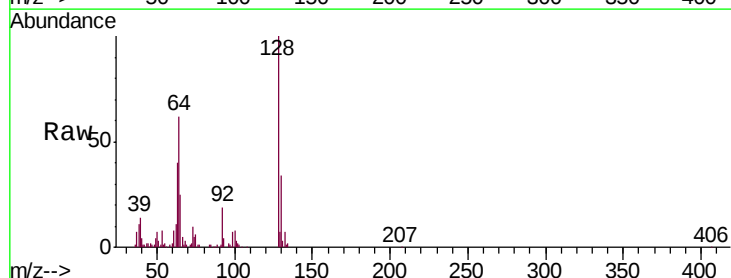
Tgt Ion: 128 Resp: 104670

Ion Ratio Lower Upper

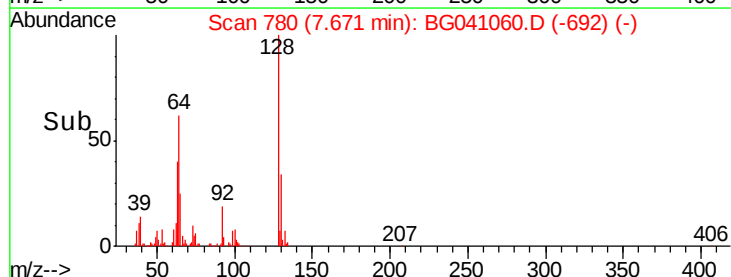
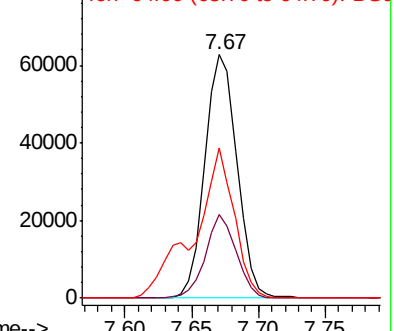
128 100

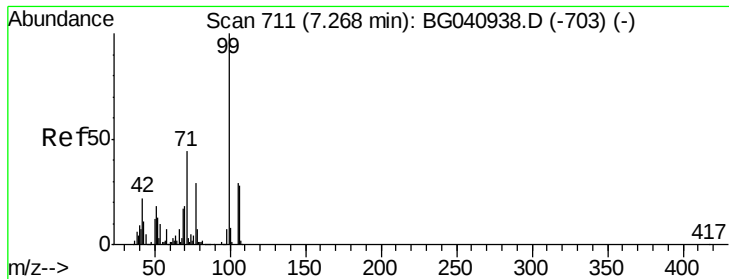
130 34.5 16.6 56.6

64 61.8 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: 20.932 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.02 min

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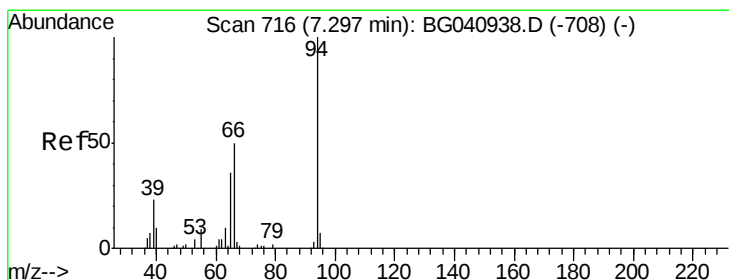
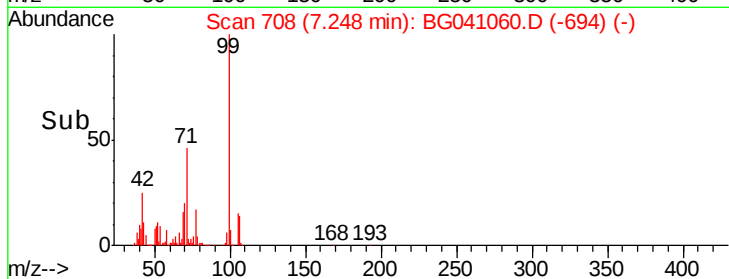
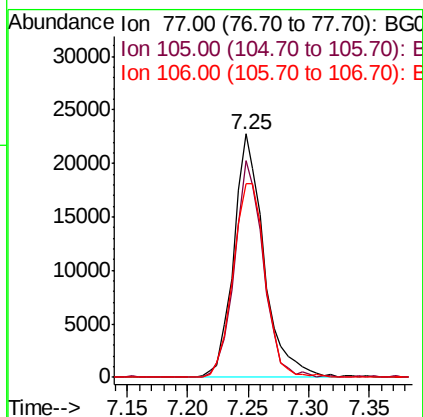
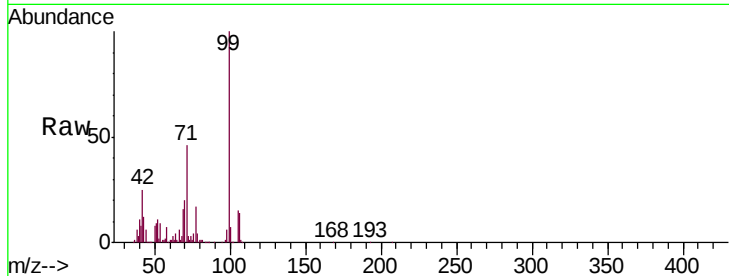
Tgt Ion: 77 Resp: 39786

Ion Ratio Lower Upper

77 100

105 89.2 78.9 118.9

106 79.7 76.7 116.7



#10

Phenol

Concen: 40.721 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

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Acq: 4 Jun 2019 16:19

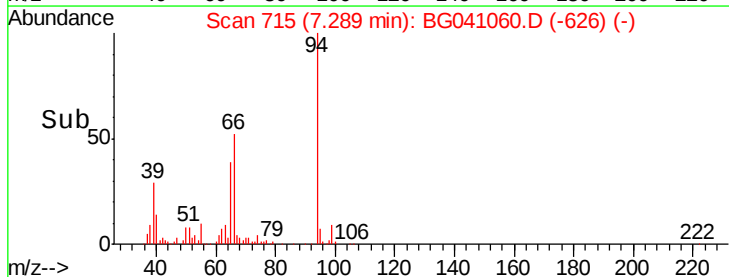
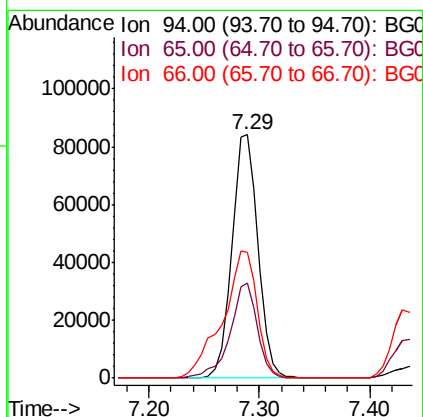
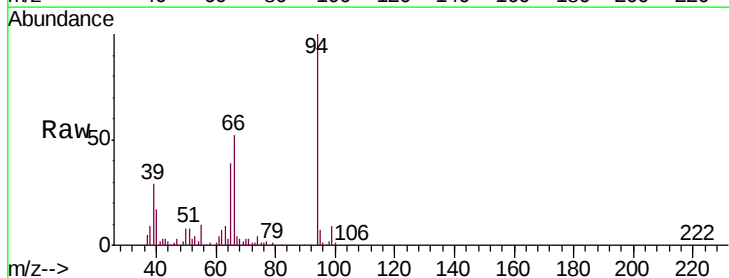
Tgt Ion: 94 Resp: 139120

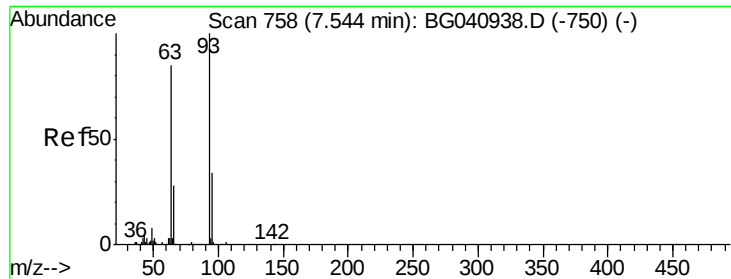
Ion Ratio Lower Upper

94 100

65 38.9 17.0 57.0

66 51.6 32.4 72.4

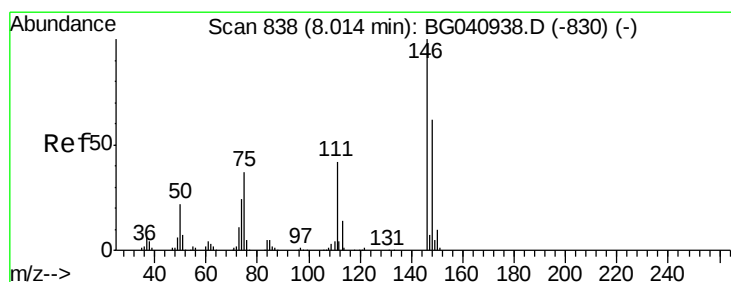
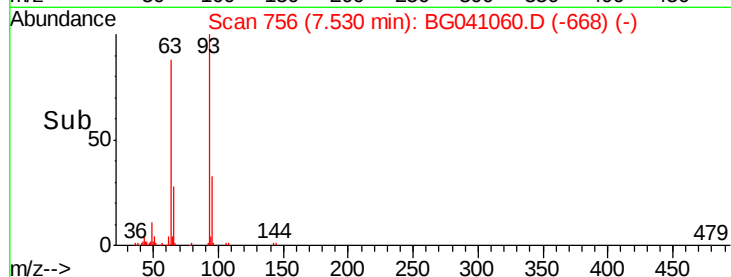
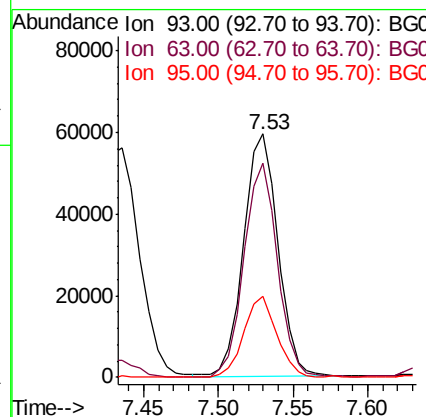
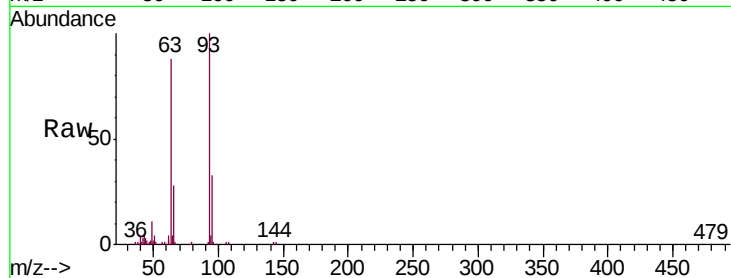




#11
bis(2-Chloroethyl)ether
Concen: 38.092 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

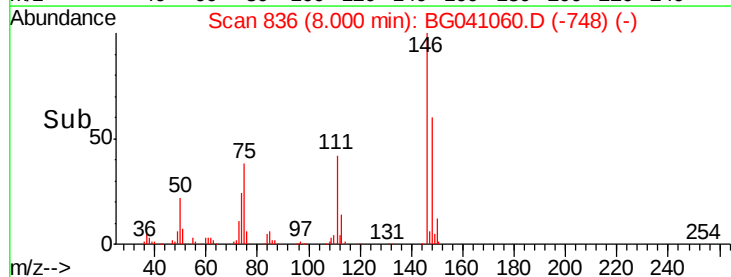
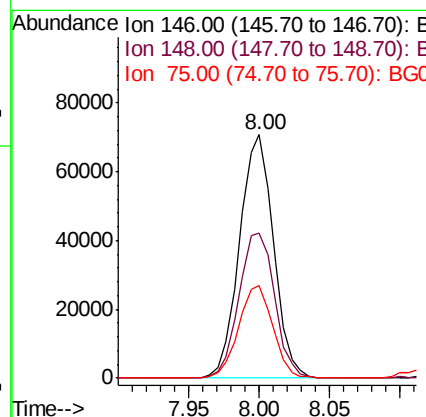
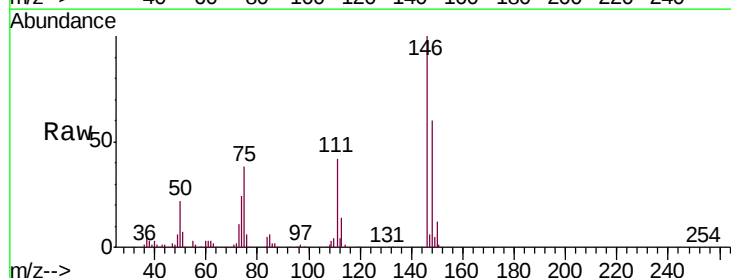
Instrument :
BNA_G
ClientSampleId :
PB120267BS

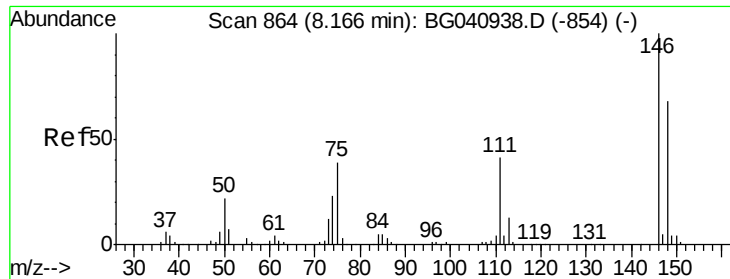
Tgt Ion: 93 Resp: 94407
Ion Ratio Lower Upper
93 100
63 87.9 64.5 104.5
95 33.1 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.512 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion: 146 Resp: 119013
Ion Ratio Lower Upper
146 100
148 59.8 49.2 73.8
75 37.9 29.4 44.0

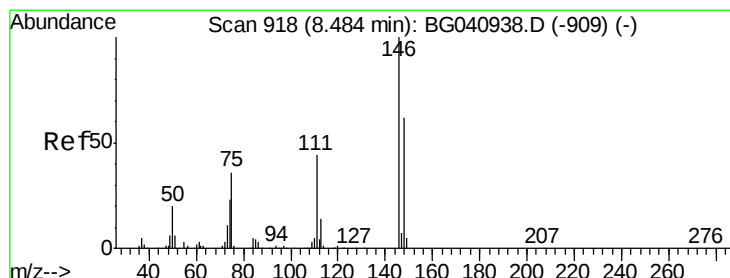
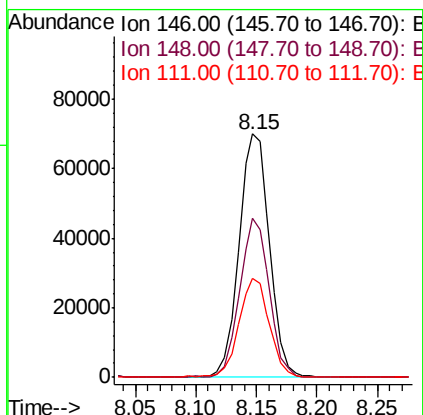
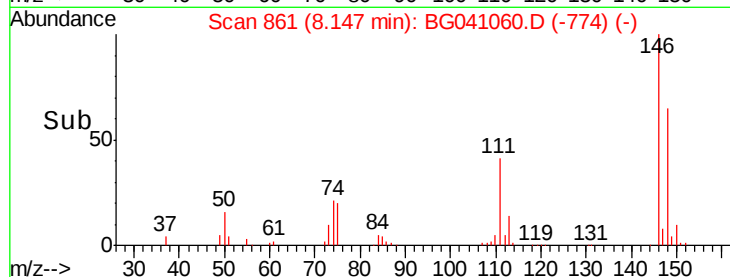
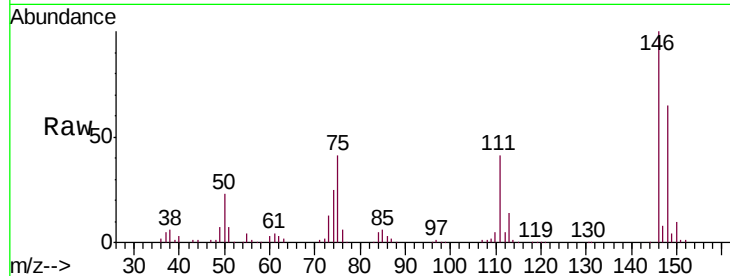




#13
 1,4-Dichlorobenzene
 Concen: 41.111 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

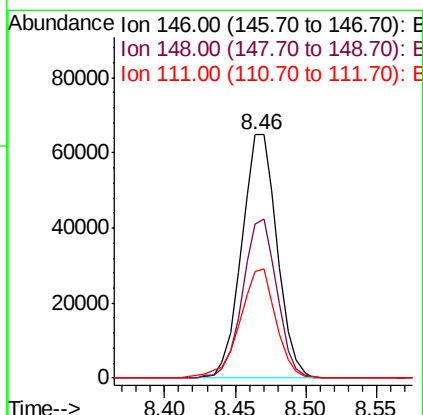
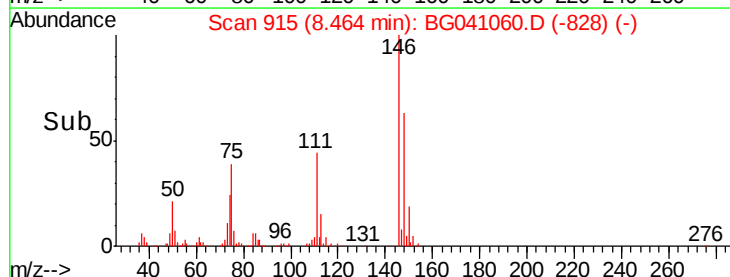
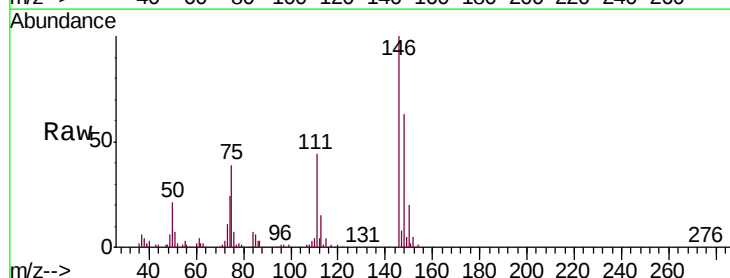
Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

Tgt Ion:146 Resp: 122248
 Ion Ratio Lower Upper
 146 100
 148 65.5 54.2 81.4
 111 40.7 32.9 49.3



#14
 1,2-Dichlorobenzene
 Concen: 39.369 ng
 RT: 8.46 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

Tgt Ion:146 Resp: 113667
 Ion Ratio Lower Upper
 146 100
 148 63.5 49.8 74.6
 111 43.6 35.0 52.4





#15

Benzyl Alcohol

Concen: 39.544 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB120267BS

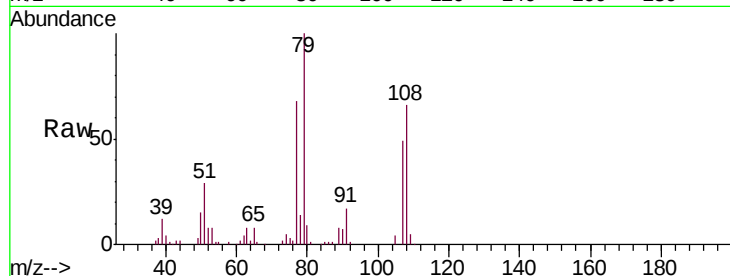
Tgt Ion: 79 Resp: 116554

Ion Ratio Lower Upper

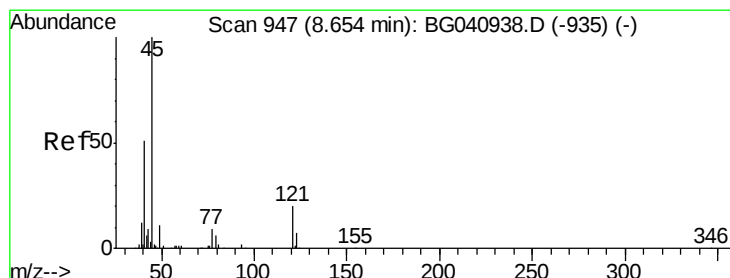
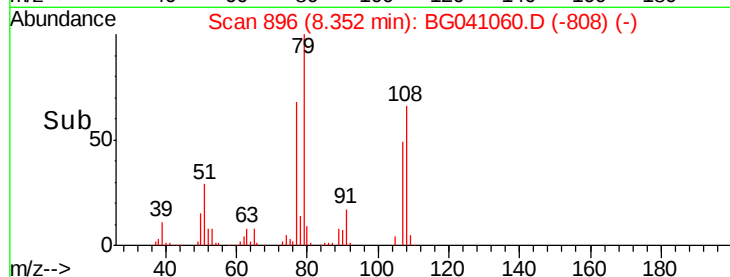
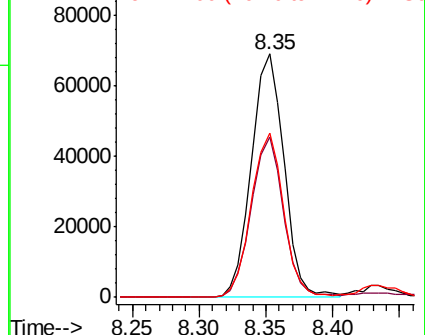
79 100

108 65.8 48.3 72.5

77 67.7 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: 36.968 ng

RT: 8.63 min Scan# 944

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

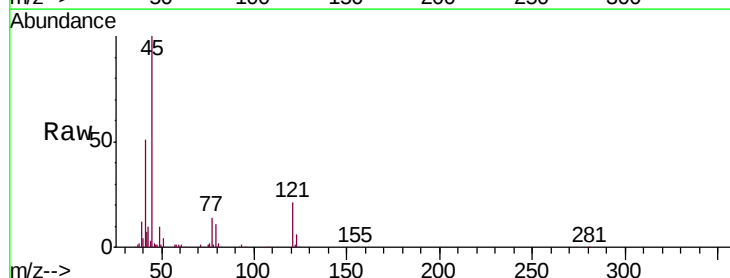
Tgt Ion: 45 Resp: 149717

Ion Ratio Lower Upper

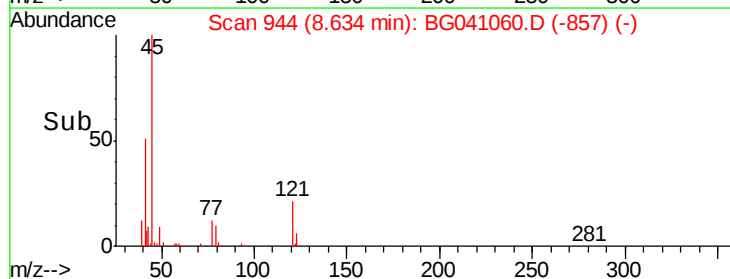
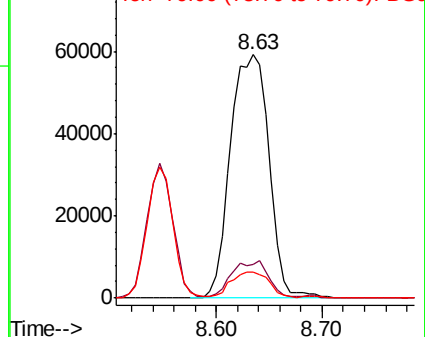
45 100

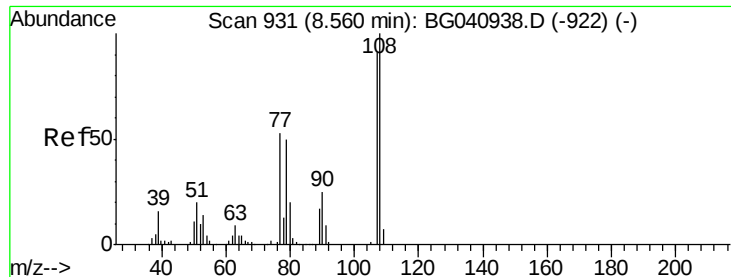
77 13.9 0.0 33.7

79 10.9 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

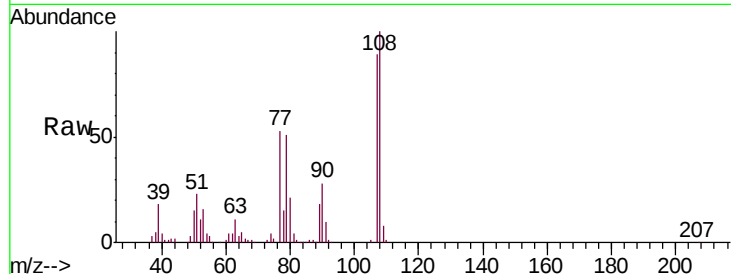




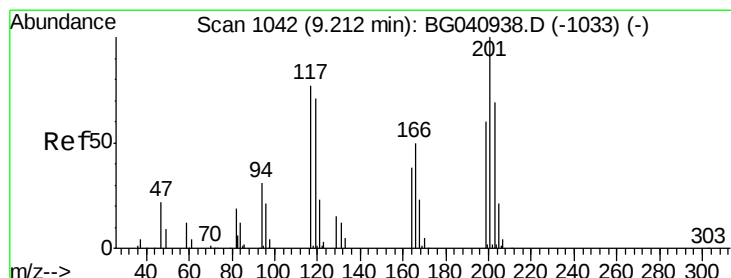
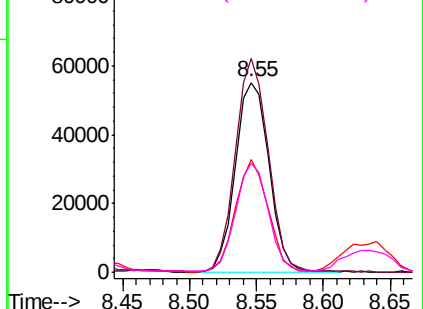
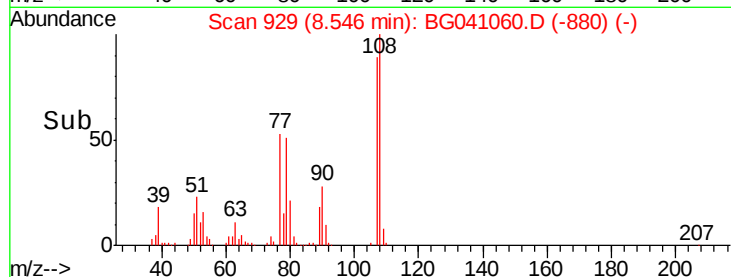
#17
2-Methylphenol
Concen: 39.183 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tgt Ion:	107	Resp:	96924
Ion	Ratio	Lower	Upper
107	100		
108	112.5	87.7	131.5
77	59.3	46.6	70.0
79	57.4	44.6	66.8

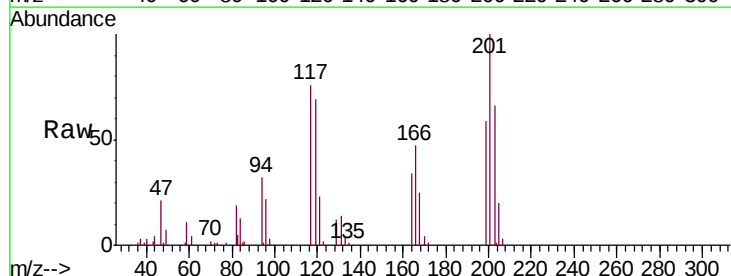


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

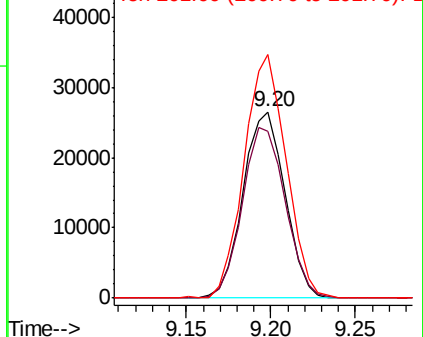
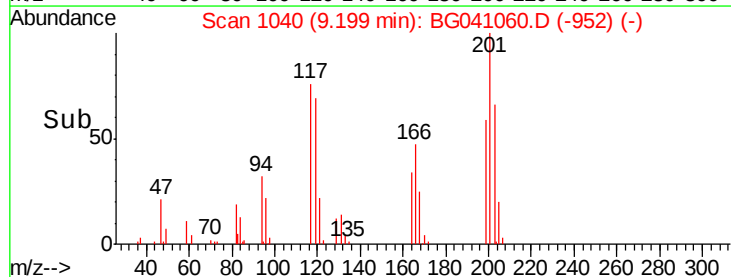


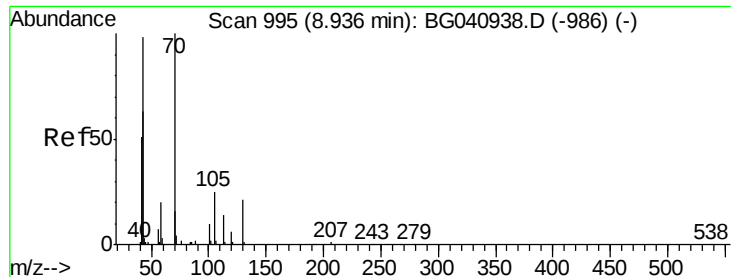
#18
Hexachloroethane
Concen: 39.828 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion:	117	Resp:	45647
Ion	Ratio	Lower	Upper
117	100		
119	89.7	75.0	112.6
201	130.8	103.5	155.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

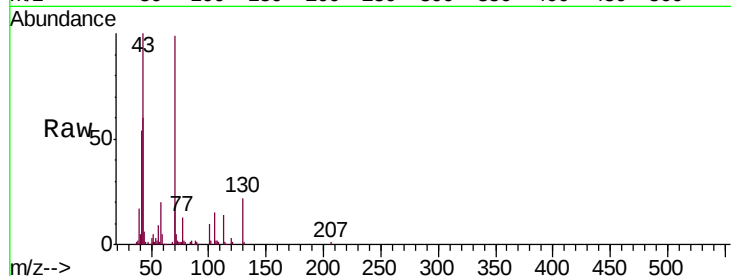




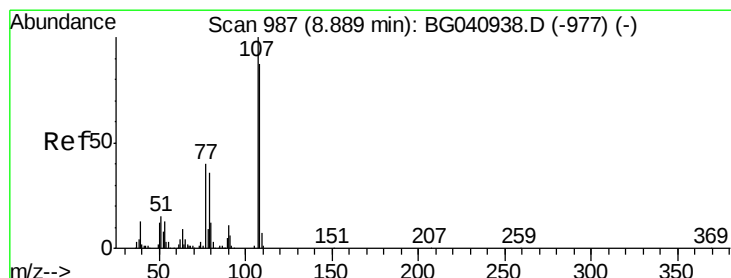
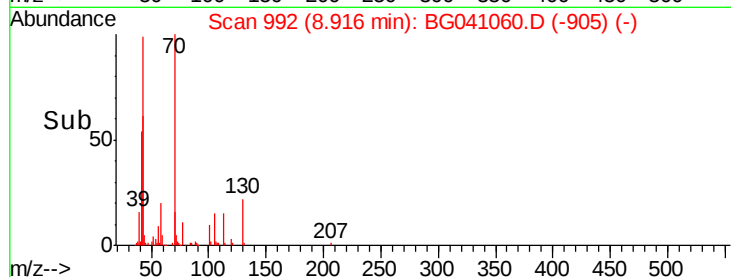
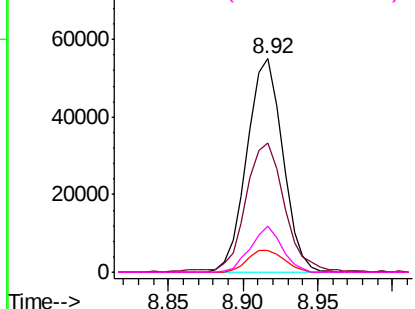
#19
n-Nitroso-di-n-propylamine
Concen: 37.235 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tgt Ion:	70	Resp:	91303
Ion	Ratio	Lower	Upper
70	100		
42	60.6	51.5	77.3
101	10.0	8.1	12.1
130	21.8	16.6	24.8

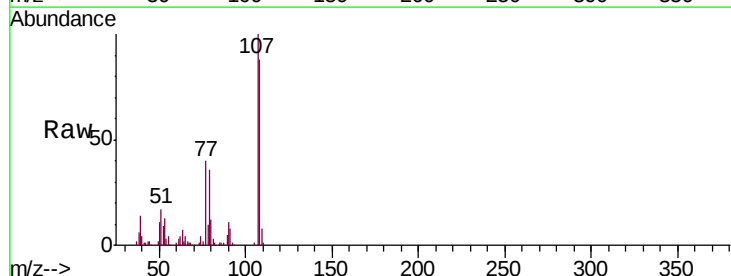


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

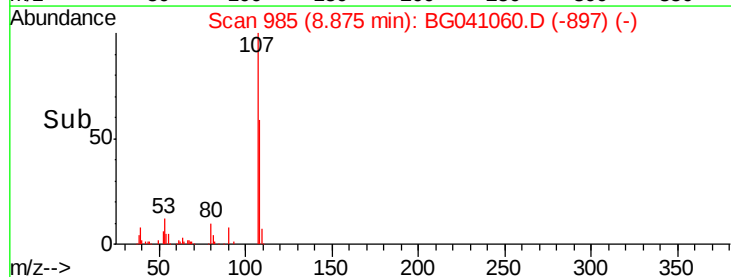
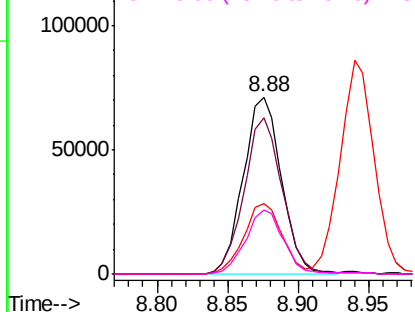


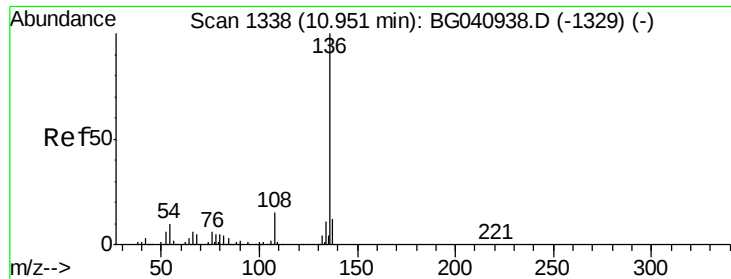
#20
3+4-Methylphenols
Concen: 39.399 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion:	107	Resp:	134998
Ion	Ratio	Lower	Upper
107	100		
108	88.3	66.8	106.8
77	39.5	20.5	60.5
79	36.1	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

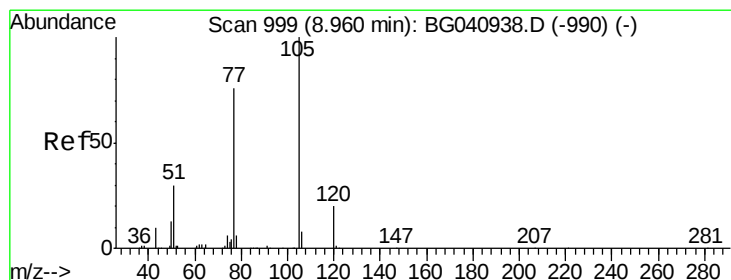
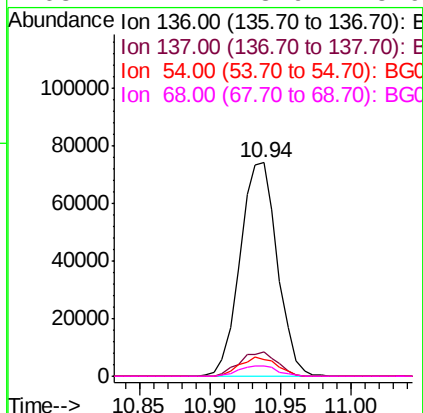
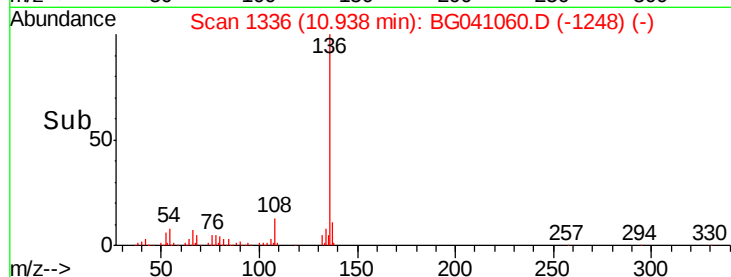
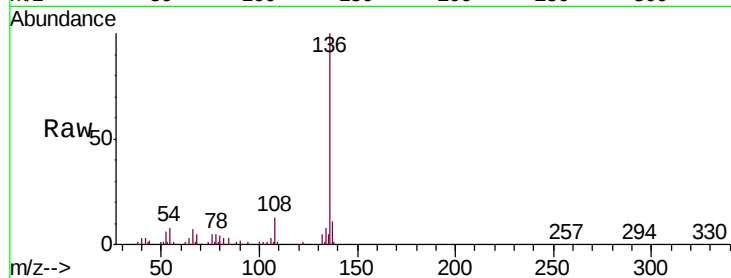




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

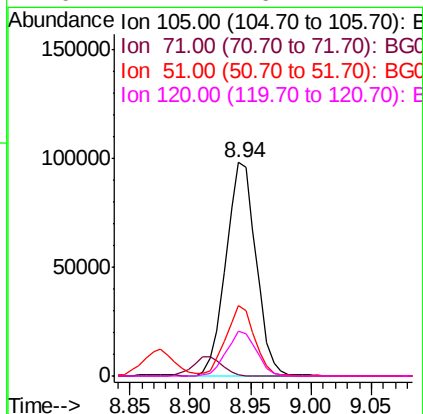
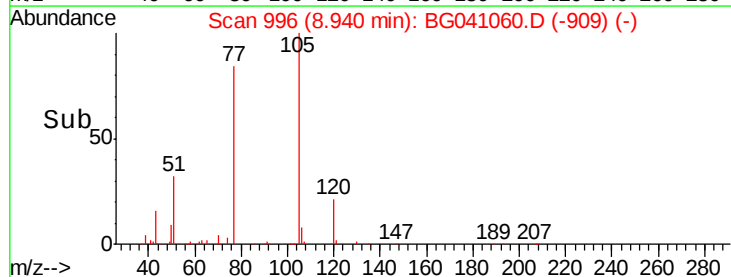
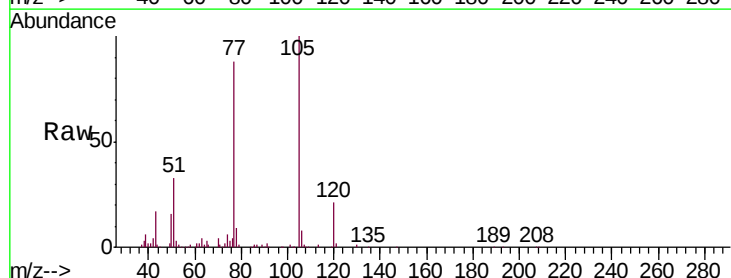
Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tgt Ion:	136	Resp:	136689
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.5	14.3
54	8.1	7.6	11.4
68	4.7	3.9	5.9



#22
Acetophenone
Concen: 44.443 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.02 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion:	105	Resp:	170411
Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.4	0.6#
51	32.9	27.0	40.6
120	21.2	16.2	24.4

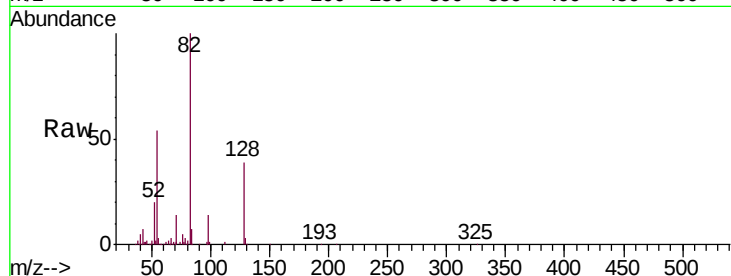




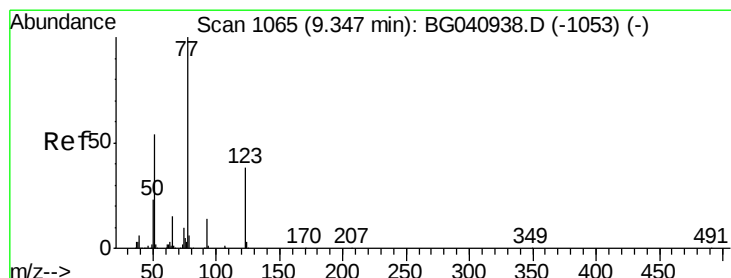
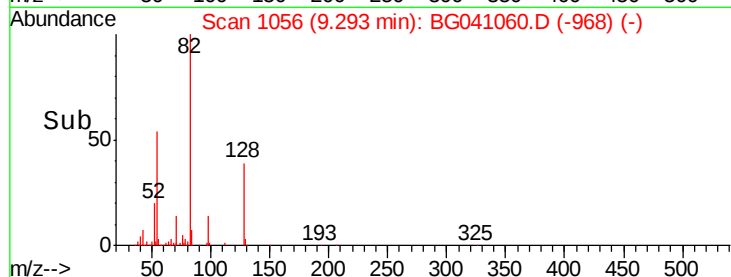
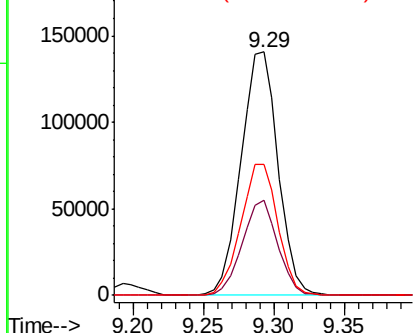
#23
 Nitrobenzene-d5
 Concen: 83.851 ng
 RT: 9.29 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.5	45.7
54	53.9	44.6	66.8

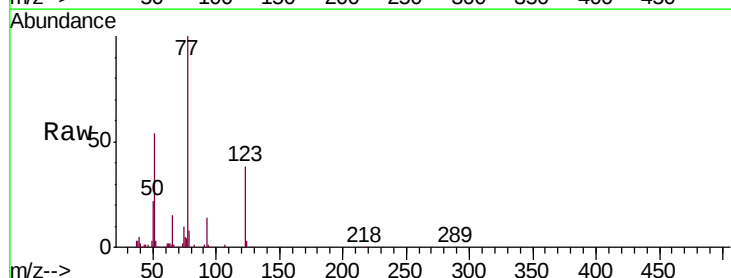


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

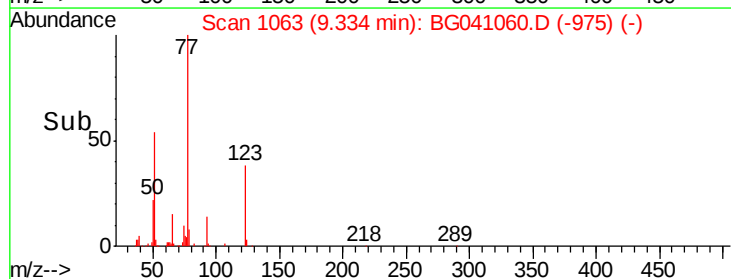
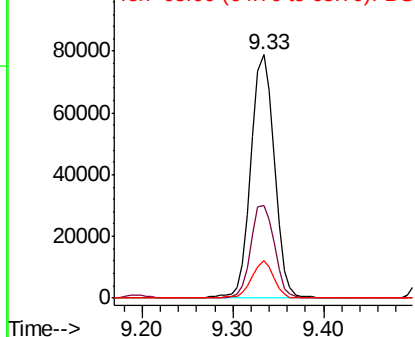


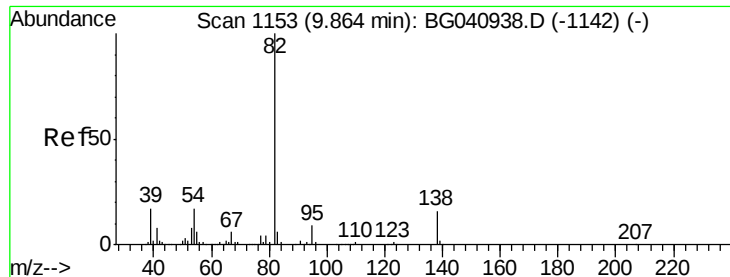
#24
 Nitrobenzene
 Concen: 45.231 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.0	30.6	46.0
65	15.4	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: 43.888 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB120267BS

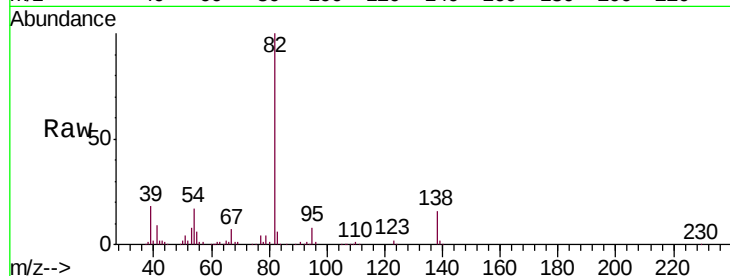
Tgt Ion: 82 Resp: 257164

Ion Ratio Lower Upper

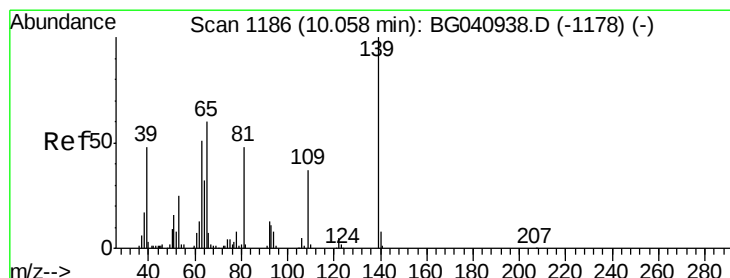
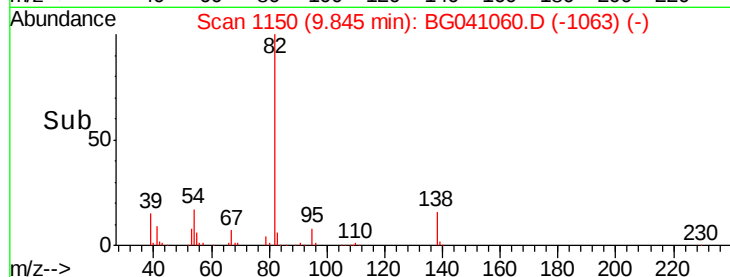
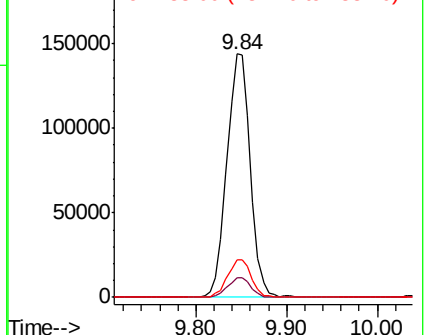
82 100

95 8.3 7.0 10.4

138 15.6 12.6 19.0



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



#26

2-Nitrophenol

Concen: 48.486 ng

RT: 10.04 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

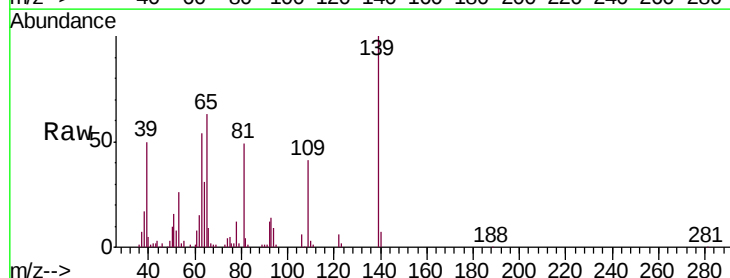
Tgt Ion: 139 Resp: 62720

Ion Ratio Lower Upper

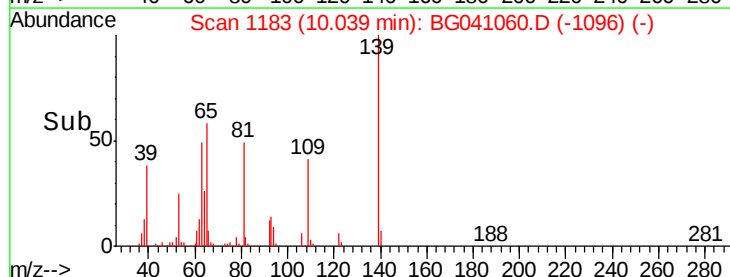
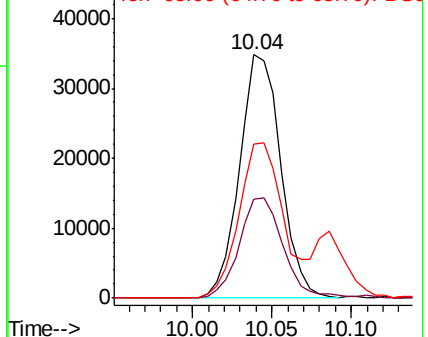
139 100

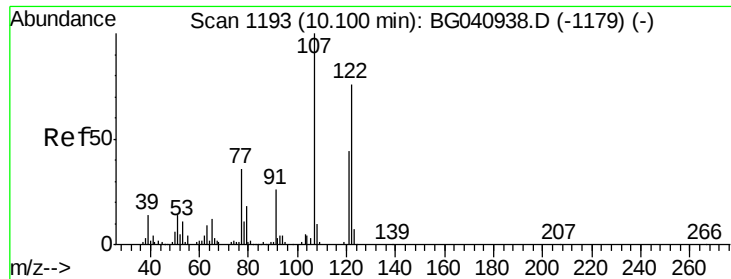
109 40.6 29.8 44.6

65 63.1 47.8 71.6



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

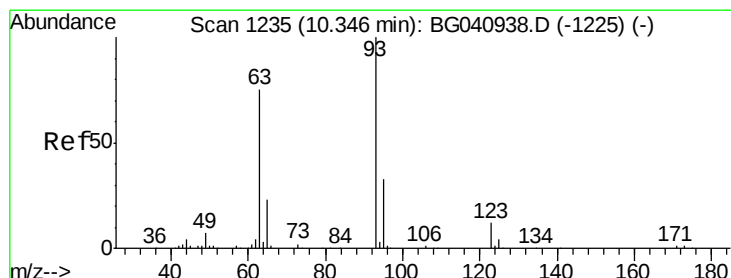
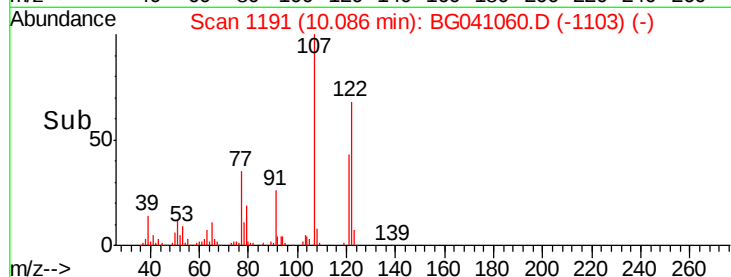
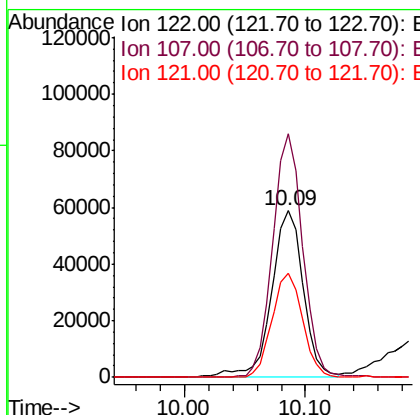
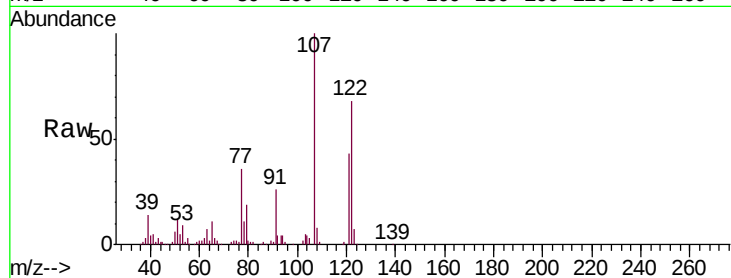




#27
2,4-Dimethylphenol
Concen: 49.721 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

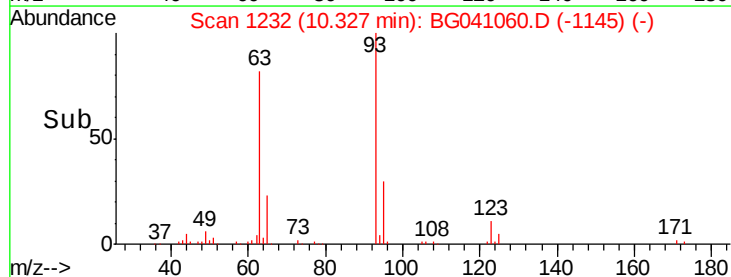
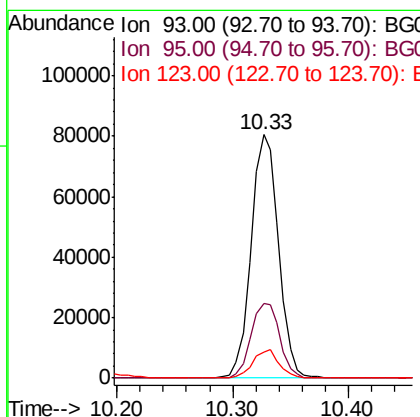
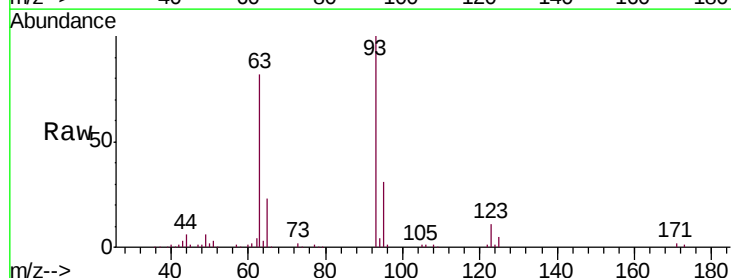
Instrument :
BNA_G
ClientSampleId :
PB120267BS

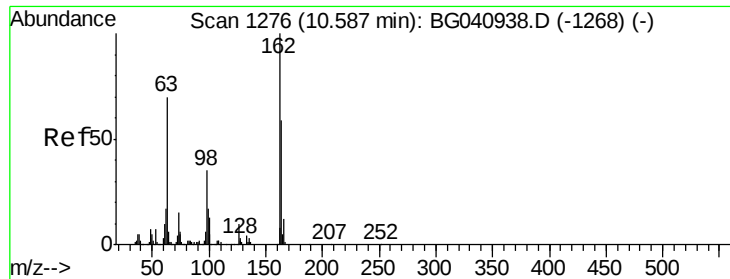
Tgt Ion: 122 Resp: 106223
Ion Ratio Lower Upper
122 100
107 146.0 105.9 158.9
121 62.4 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.904 ng
RT: 10.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion: 93 Resp: 132524
Ion Ratio Lower Upper
93 100
95 30.7 26.2 39.2
123 10.7 9.5 14.3

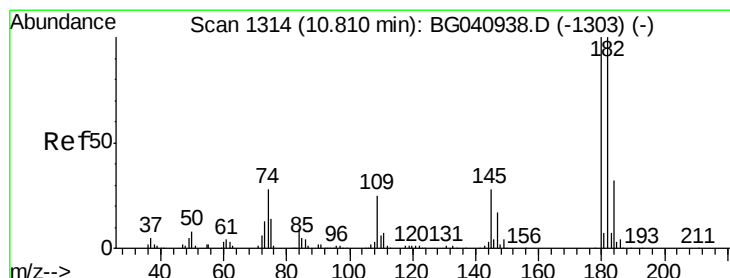
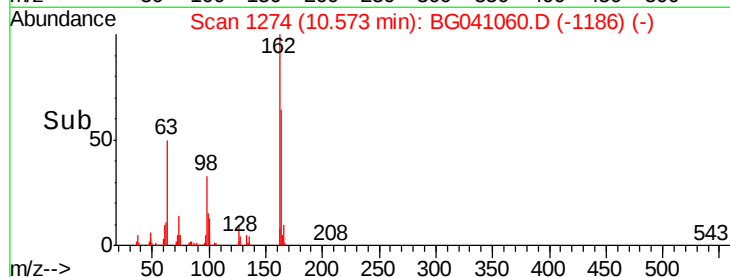
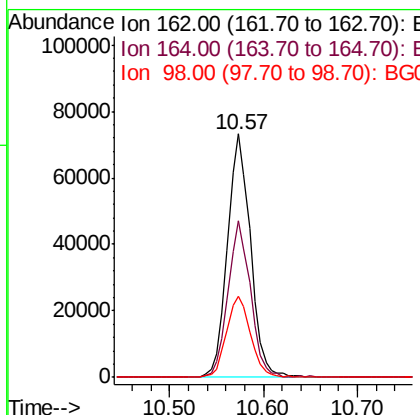
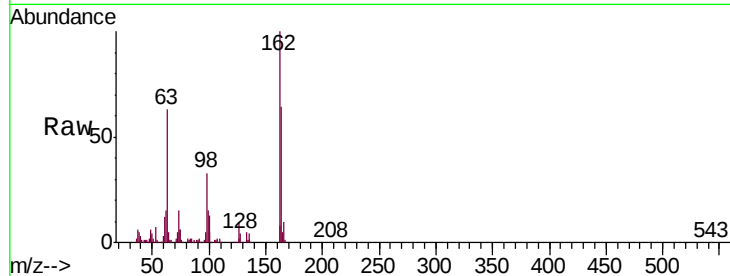




#29
2,4-Dichlorophenol
Concen: 45.986 ng
RT: 10.57 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

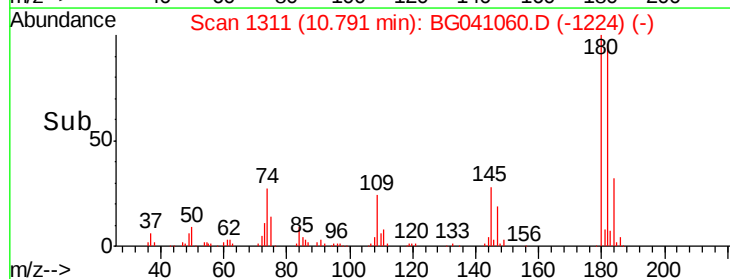
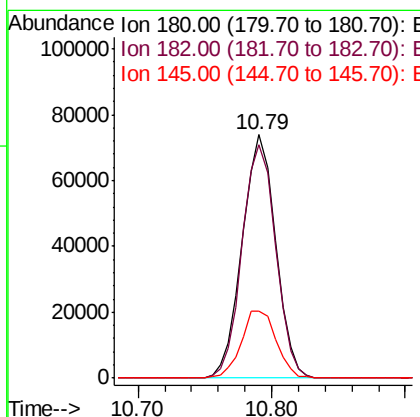
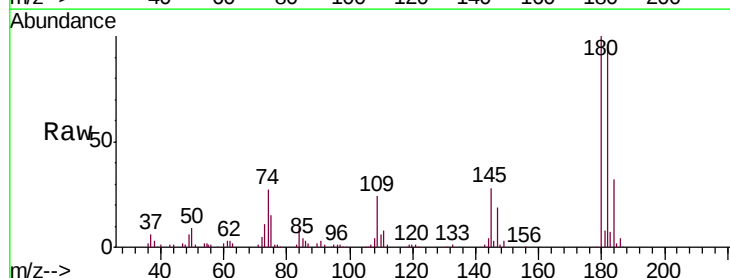
Instrument :
BNA_G
ClientSampleId :
PB120267BS

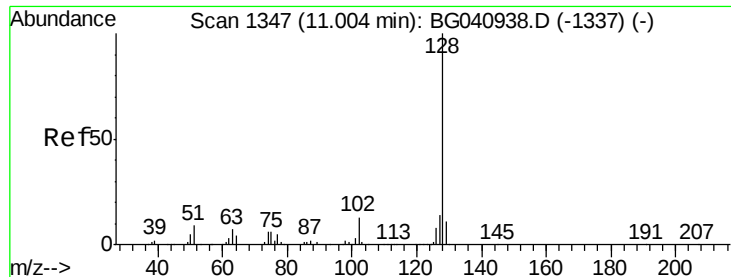
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	39.4	79.4
98	33.3	15.3	55.3



#30
1,2,4-Trichlorobenzene
Concen: 41.414 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	79.7	119.5
145	27.6	22.6	34.0

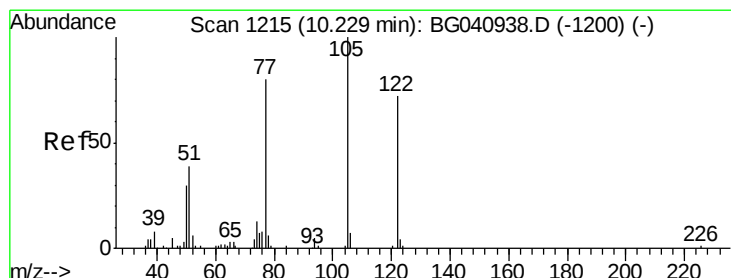
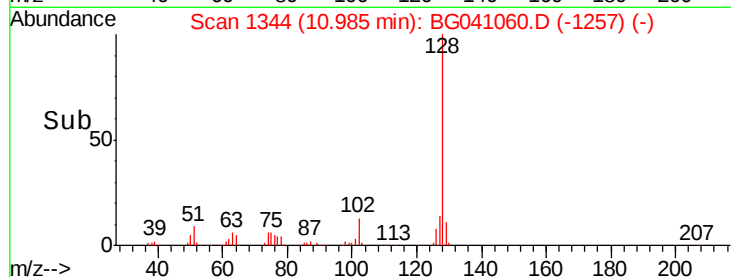
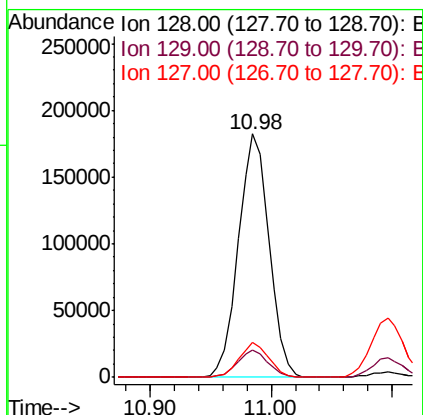
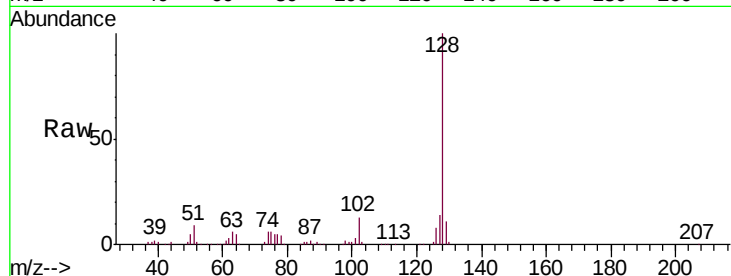




#31
Naphthalene
Concen: 43.959 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

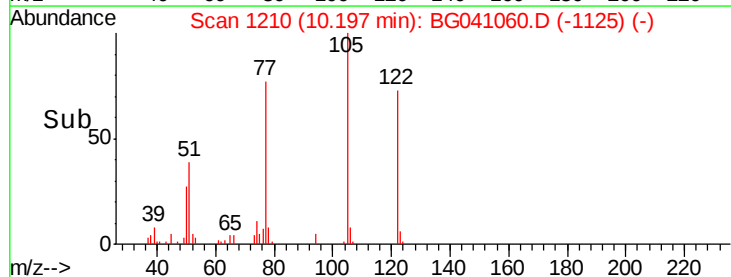
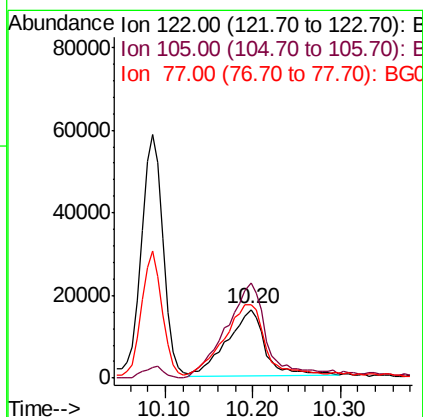
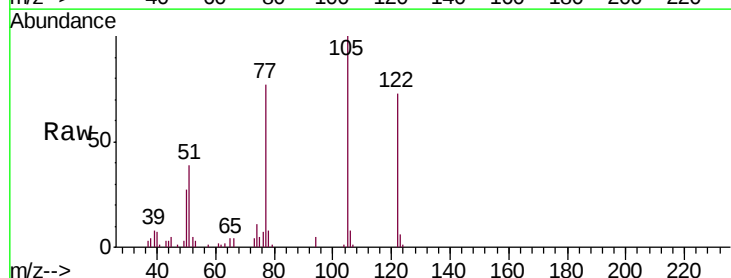
Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tgt Ion:128 Resp: 322611
Ion Ratio Lower Upper
128 100
129 11.5 8.5 12.7
127 14.1 11.4 17.2



#32
Benzoic acid
Concen: 31.775 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.03 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion:122 Resp: 47289
Ion Ratio Lower Upper
122 100
105 137.6 114.8 154.8
77 106.4 89.9 129.9

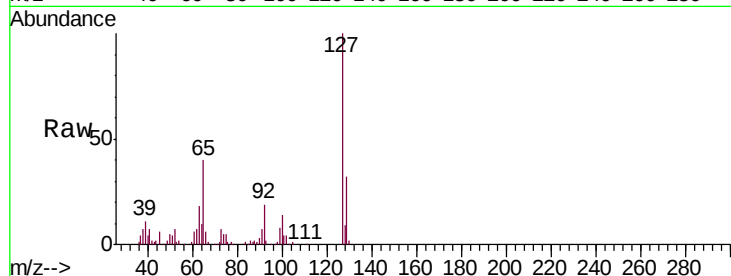




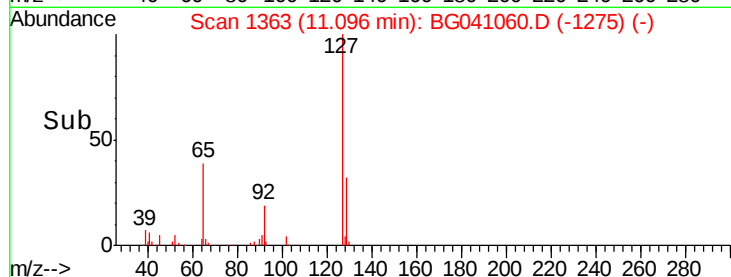
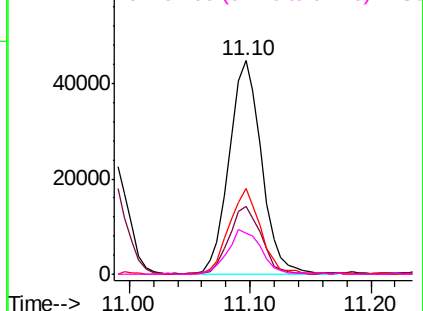
#33
4-Chloroaniline
Concen: 24.757 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tgt Ion:	127	Resp:	84303
Ion	Ratio	Lower	Upper
127	100		
129	31.8	27.7	41.5
65	40.0	33.2	49.8
92	19.1	17.2	25.8

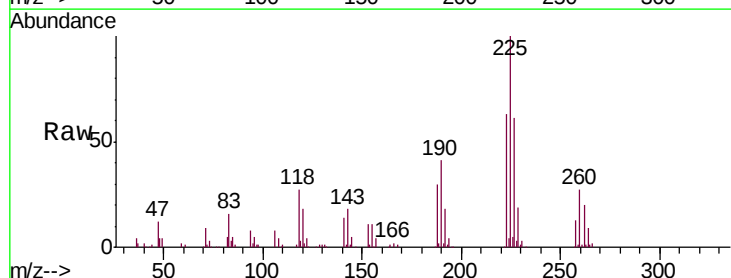


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

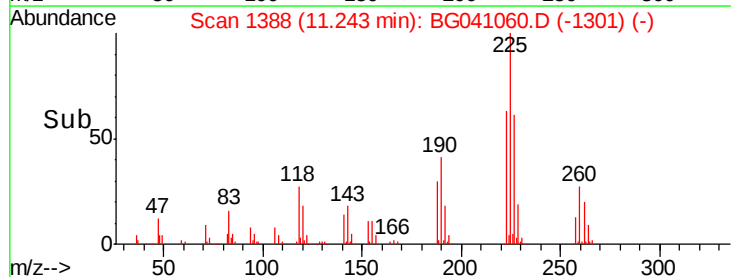
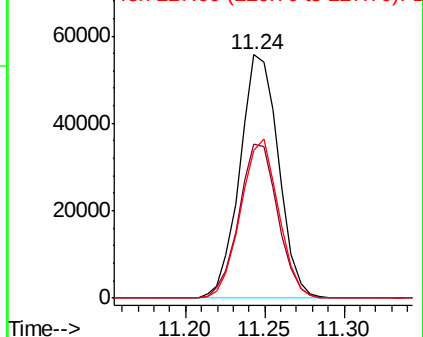


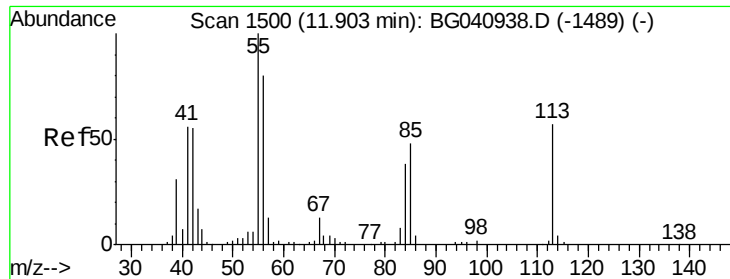
#34
Hexachlorobutadiene
Concen: 39.945 ng
RT: 11.24 min Scan# 1388
Delta R.T. -0.02 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion:	225	Resp:	94327
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	60.6	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: 33.238 ng

RT: 11.88 min Scan# 1496

Delta R.T. -0.03 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB120267BS

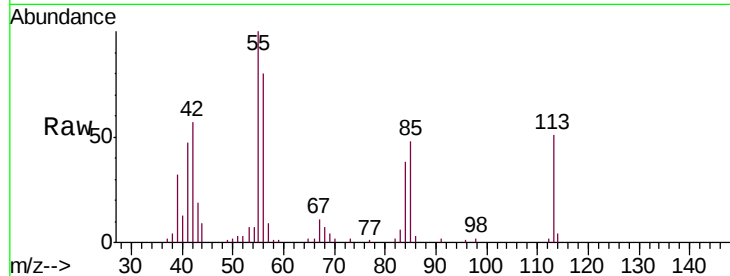
Tgt Ion:113 Resp: 29777

Ion Ratio Lower Upper

113 100

55 195.8 155.9 195.9

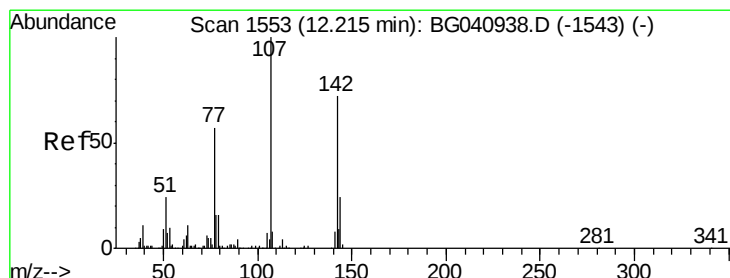
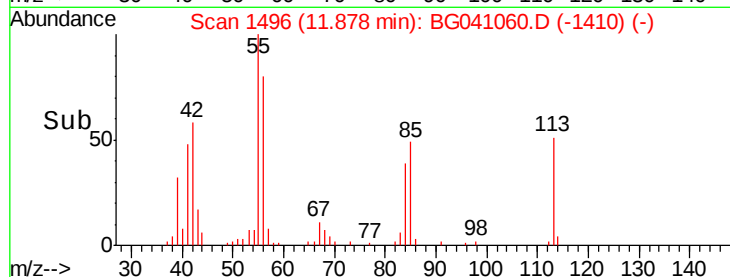
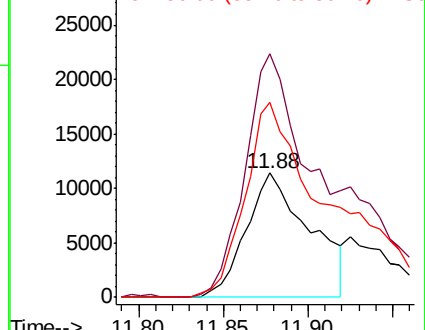
56 156.4 119.9 159.9



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: 45.323 ng

RT: 12.20 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

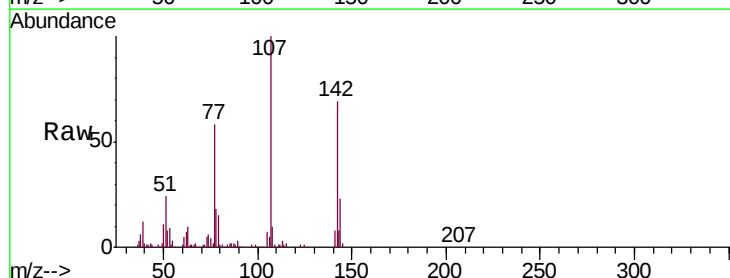
Tgt Ion:107 Resp: 140426

Ion Ratio Lower Upper

107 100

144 23.3 19.4 29.0

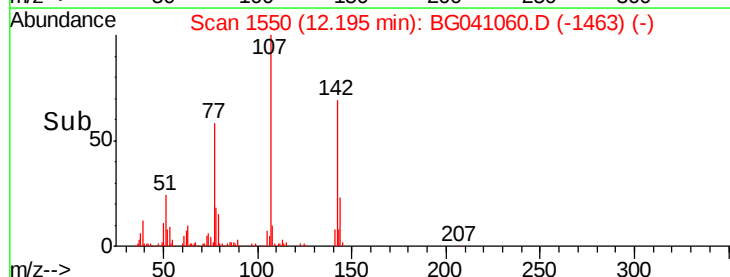
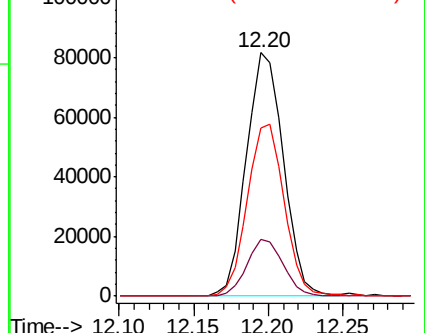
142 69.1 57.3 85.9

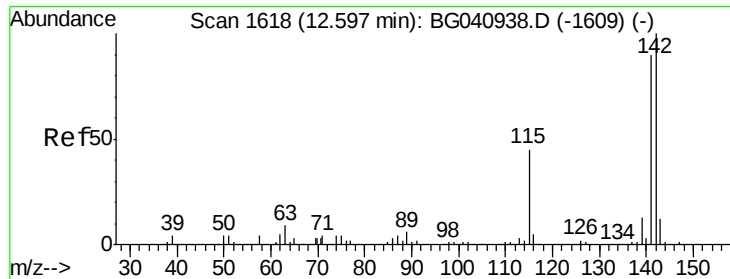


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

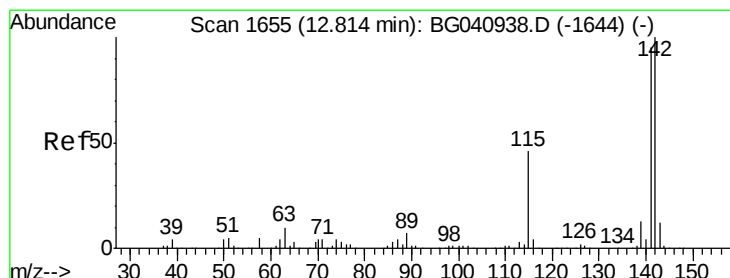
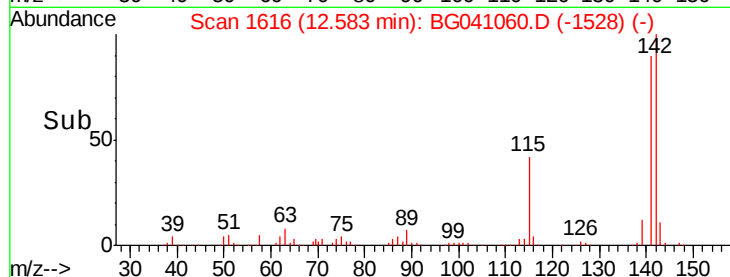
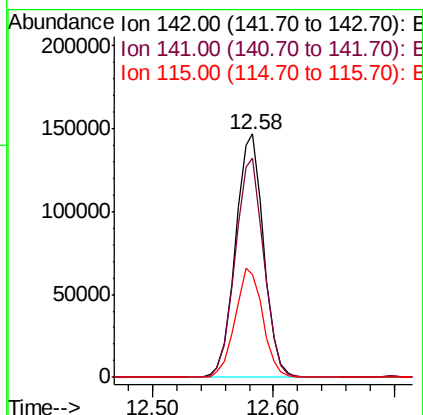
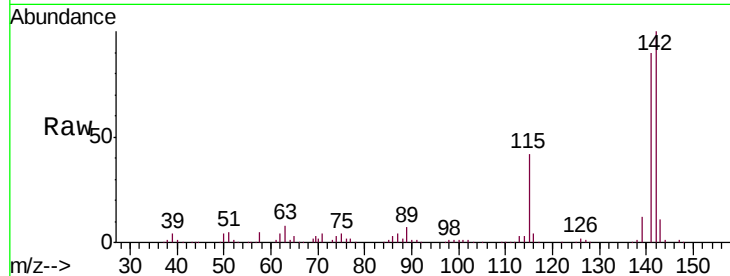




#37
2-Methylnaphthalene
Concen: 42.058 ng
RT: 12.58 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

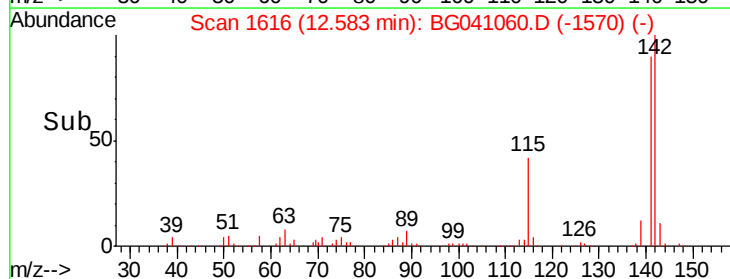
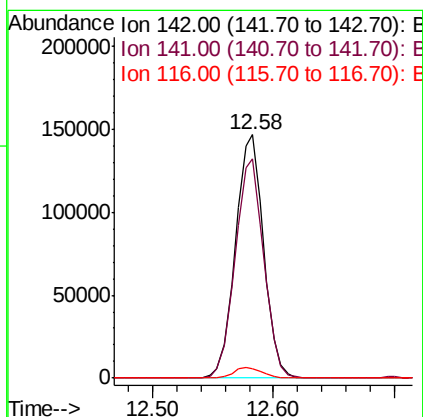
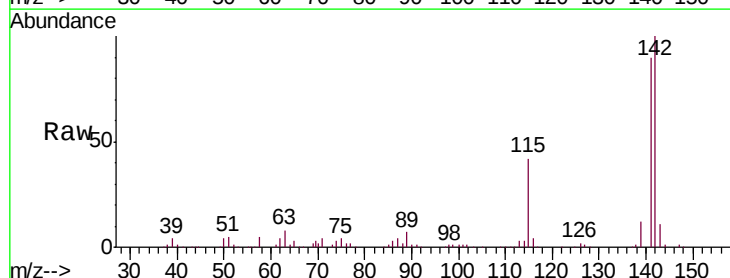
Instrument :
BNA_G
ClientSampleId :
PB120267BS

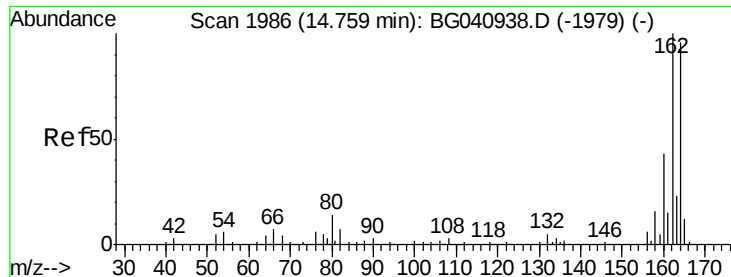
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.2	108.4
115	42.2	36.2	54.4



#38
1-Methylnaphthalene
Concen: 44.632 ng
RT: 12.58 min Scan# 1616
Delta R.T. -0.23 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	75.7	113.5
116	4.1	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB120267BS

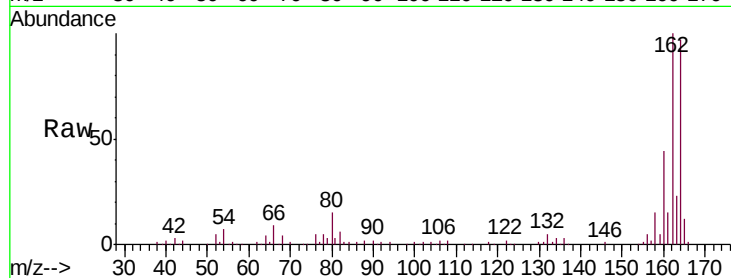
Tgt Ion:164 Resp: 98251

Ion Ratio Lower Upper

164 100

162 103.5 83.0 124.4

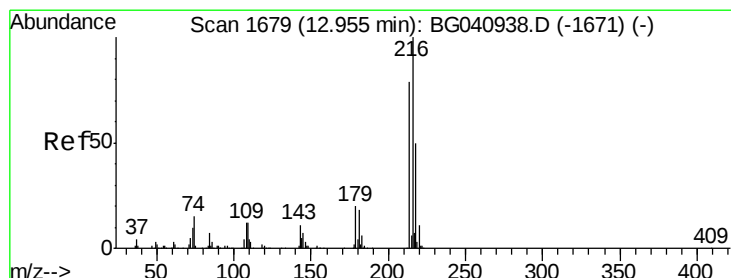
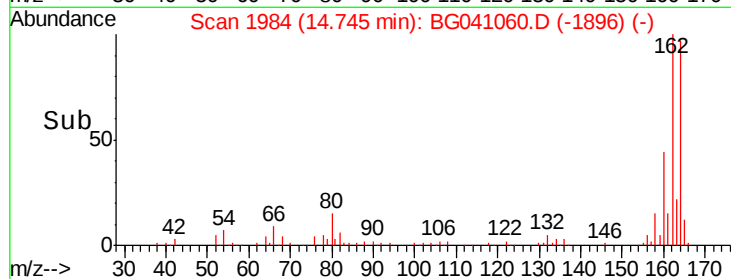
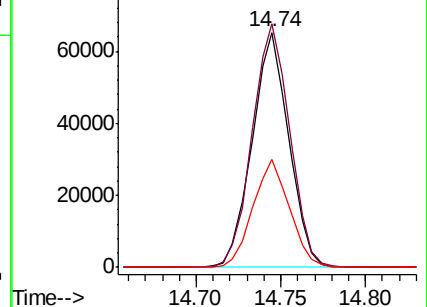
160 46.0 35.6 53.4



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: 43.057 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Tgt Ion:216 Resp: 170508

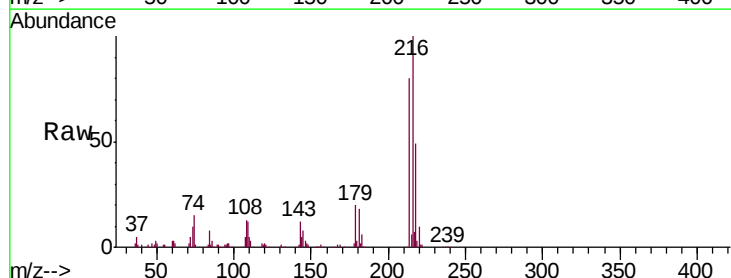
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 19.3 15.2 22.8

108 16.9 11.4 17.2

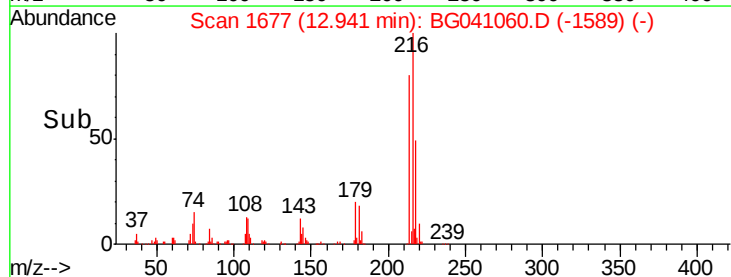
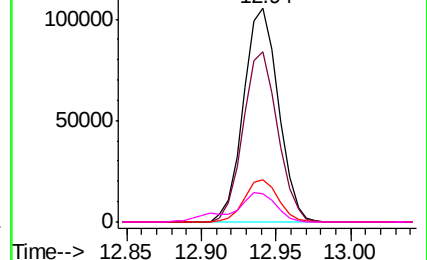


Abundance Ion 216.00 (215.70 to 216.70): E

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: 101.913 ng

RT: 12.91 min Scan# 1671

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB120267BS

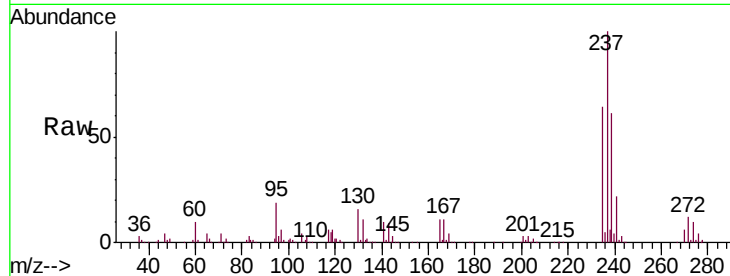
Tgt Ion:237 Resp: 222297

Ion Ratio Lower Upper

237 100

235 63.8 45.5 85.5

272 11.6 0.0 32.9

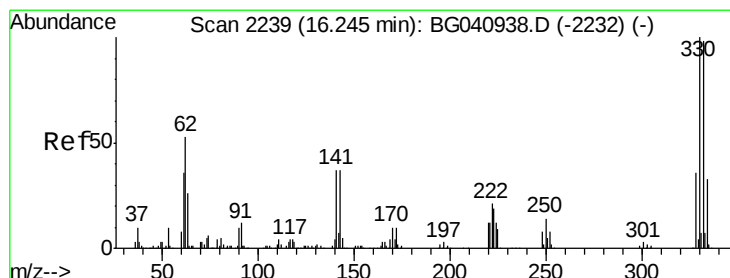
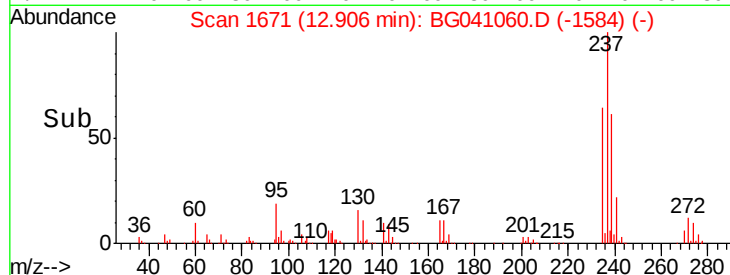
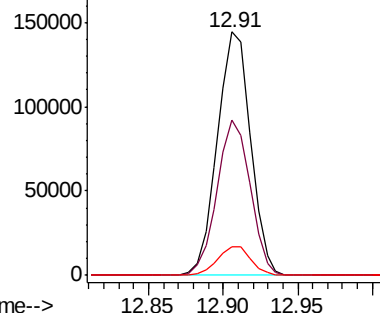


Abundance

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: 145.513 ng

RT: 16.23 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

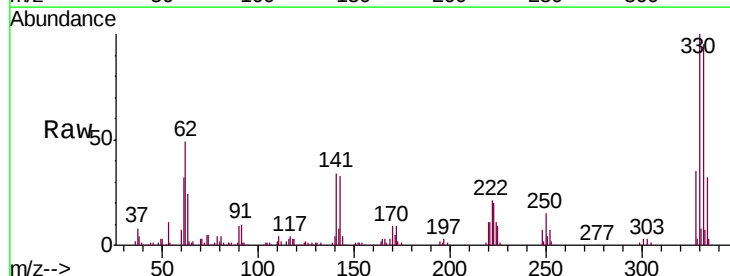
Tgt Ion:330 Resp: 212246

Ion Ratio Lower Upper

330 100

332 95.4 78.5 117.7

141 34.8 28.7 43.1

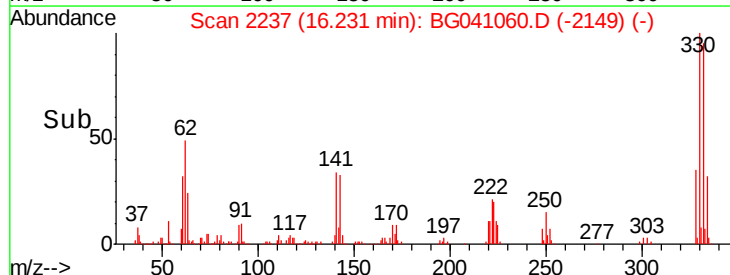
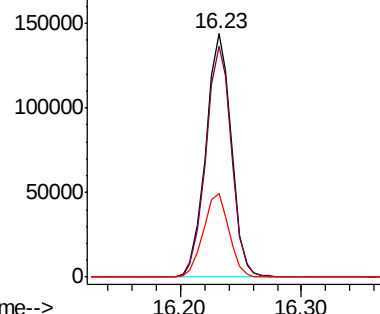


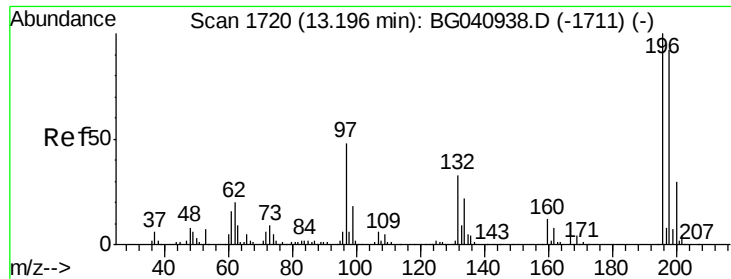
Abundance

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

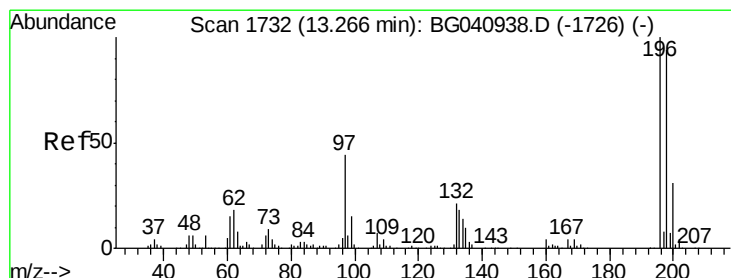
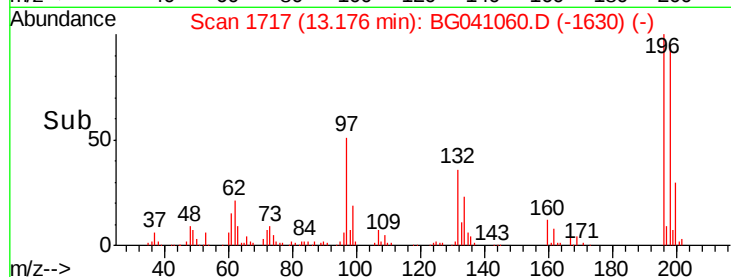
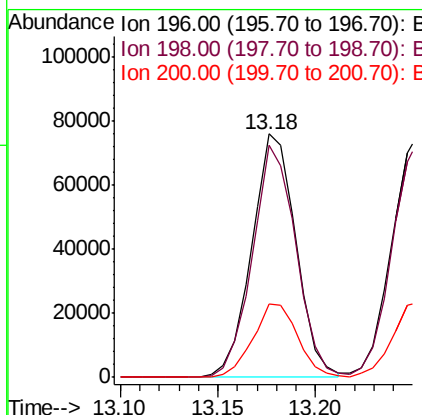
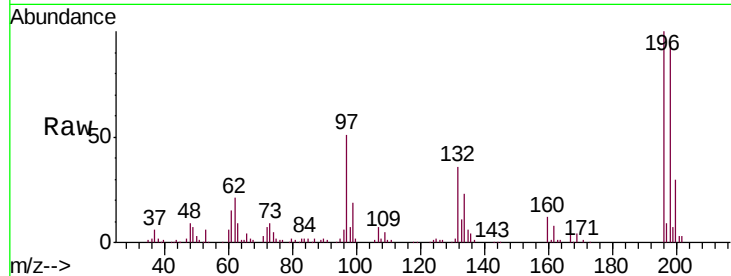




#43
 2,4,6-Trichlorophenol
 Concen: 46.333 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

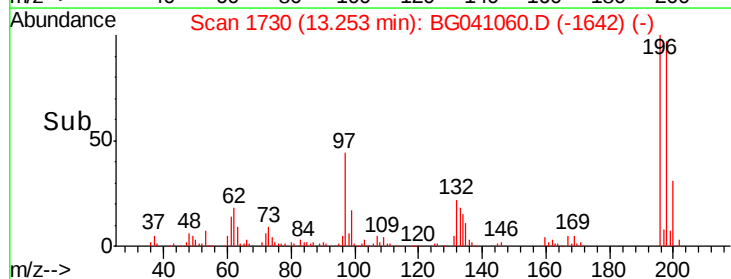
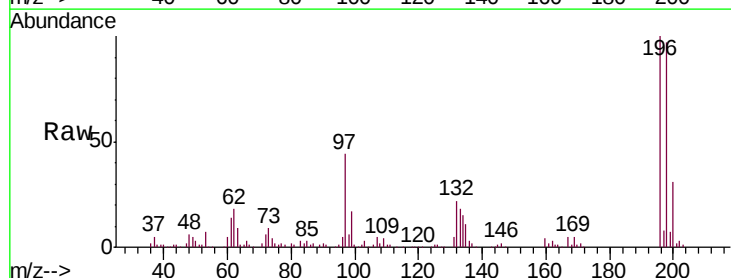
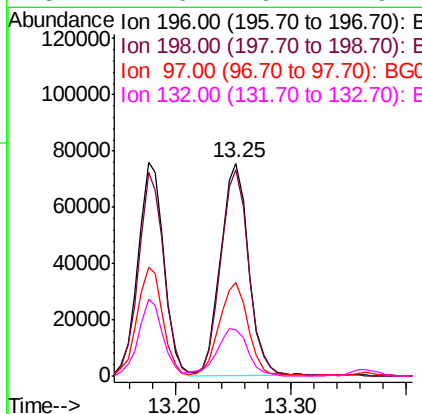
Instrument :
 BNA_G
 ClientSampleID :
 PB120267BS

Tgt Ion:196 Resp: 118696
 Ion Ratio Lower Upper
 196 100
 198 95.1 73.8 110.6
 200 30.4 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 47.294 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

Tgt Ion:196 Resp: 127778
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.1 112.7
 97 44.0 35.6 53.4
 132 21.6 16.7 25.1

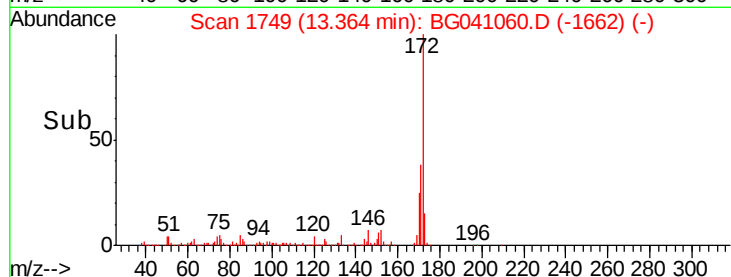
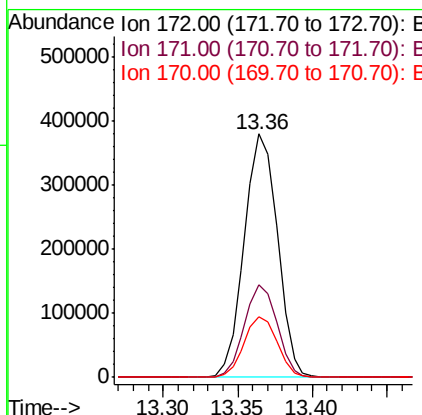
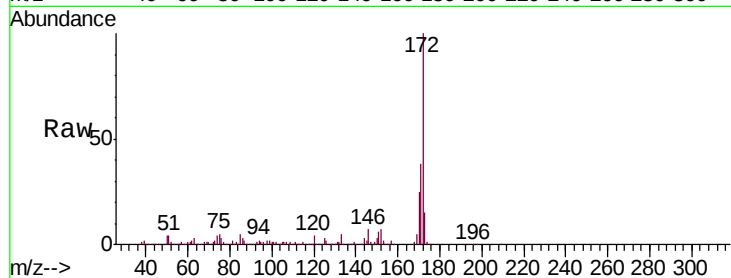




#45
2-Fluorobiphenyl
Concen: 85.838 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

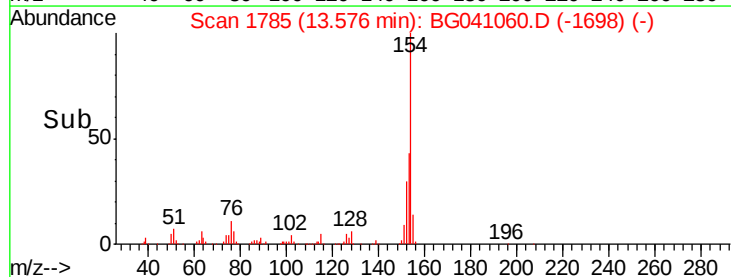
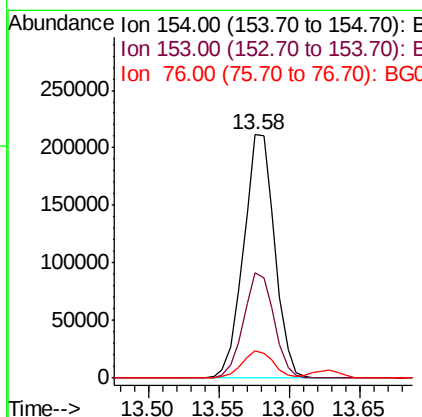
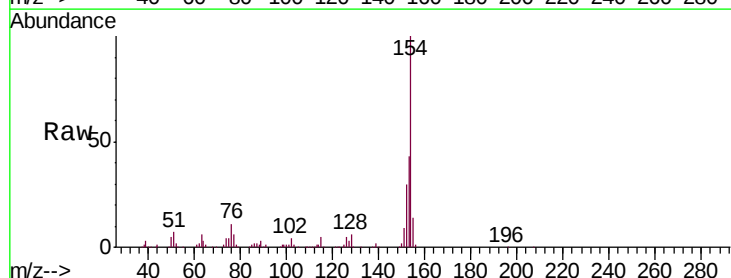
Instrument :
BNA_G
ClientSampleId :
PB120267BS

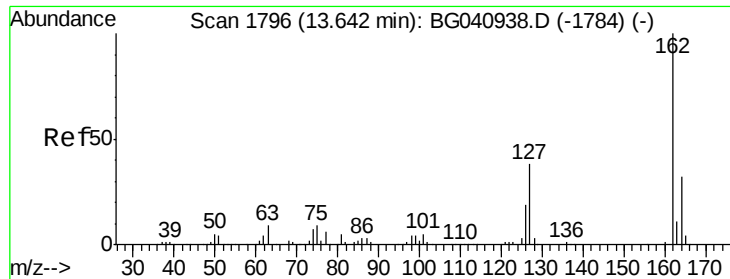
Tgt Ion:172 Resp: 585628
Ion Ratio Lower Upper
172 100
171 38.1 31.1 46.7
170 24.9 20.5 30.7



#46
1,1'-Biphenyl
Concen: 44.845 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.02 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion:154 Resp: 326145
Ion Ratio Lower Upper
154 100
153 43.3 23.3 63.3
76 11.3 0.0 31.1





#47

2-Chloronaphthalene

Concen: 42.537 ng

RT: 13.63 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB120267BS

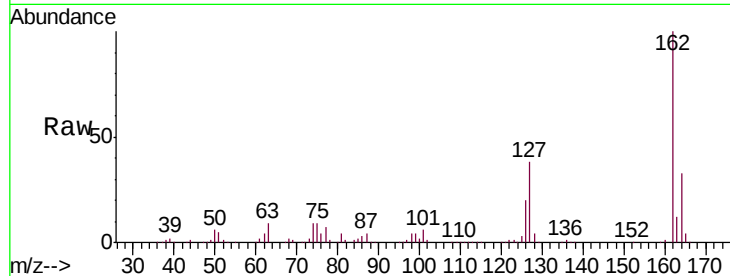
Tgt Ion: 162 Resp: 265582

Ion Ratio Lower Upper

162 100

127 38.0 30.5 45.7

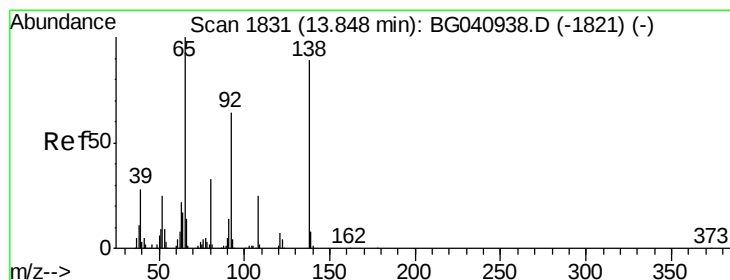
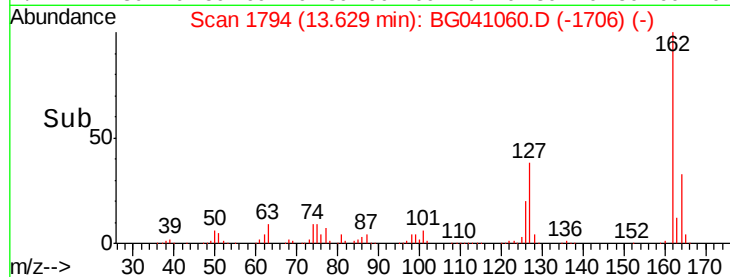
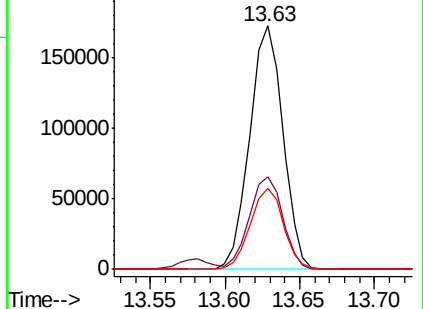
164 33.1 25.8 38.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 45.819 ng

RT: 13.83 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

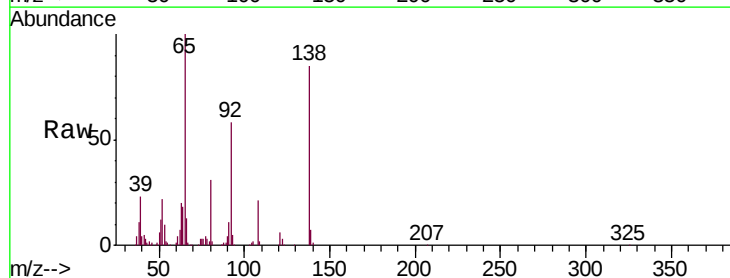
Tgt Ion: 65 Resp: 102628

Ion Ratio Lower Upper

65 100

92 58.2 51.0 76.6

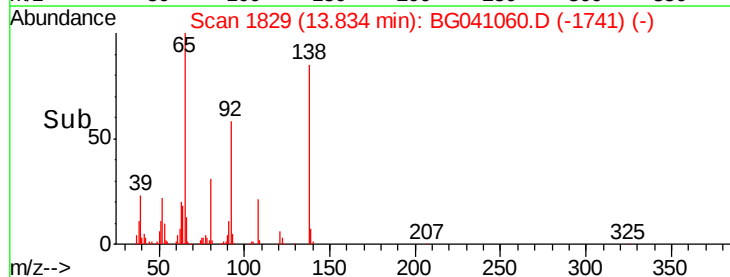
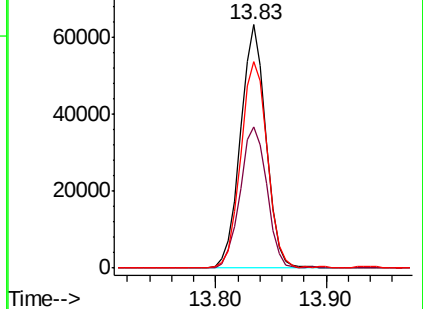
138 85.0 71.2 106.8

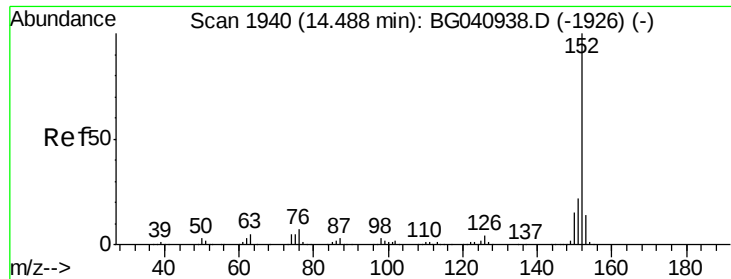


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.291 ng

RT: 14.47 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB120267BS

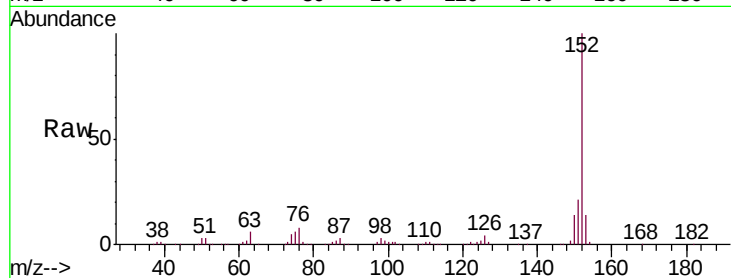
Tgt Ion:152 Resp: 425591

Ion Ratio Lower Upper

152 100

151 20.8 17.4 26.0

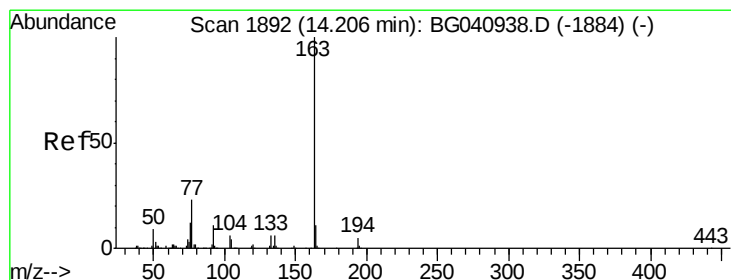
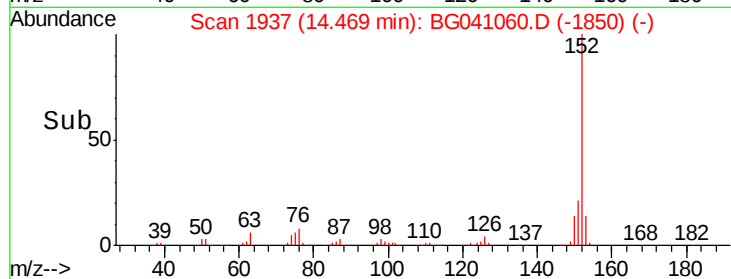
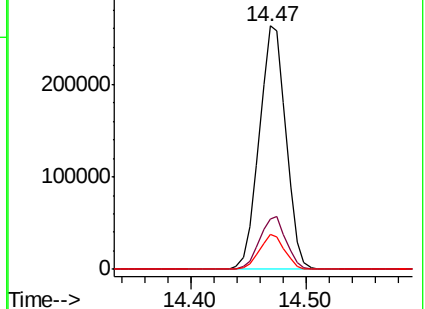
153 14.4 11.0 16.4



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: 44.336 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

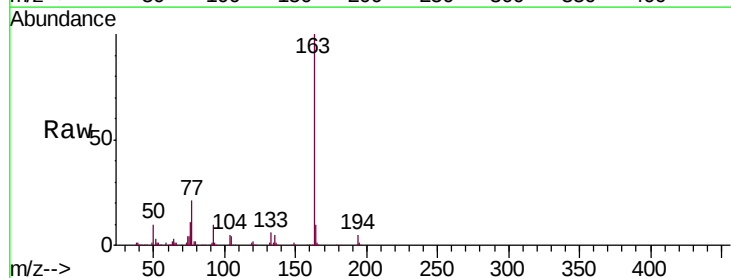
Tgt Ion:163 Resp: 368741

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.8

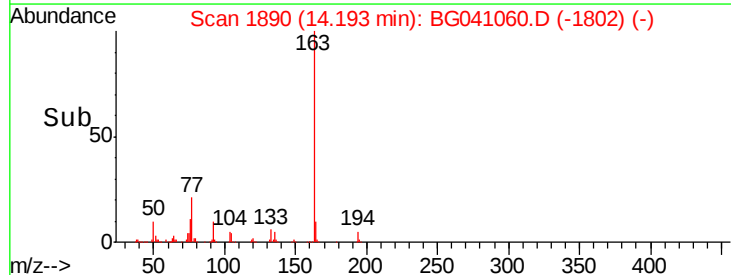
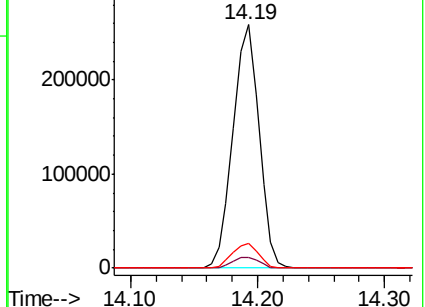
164 10.0 8.7 13.1



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

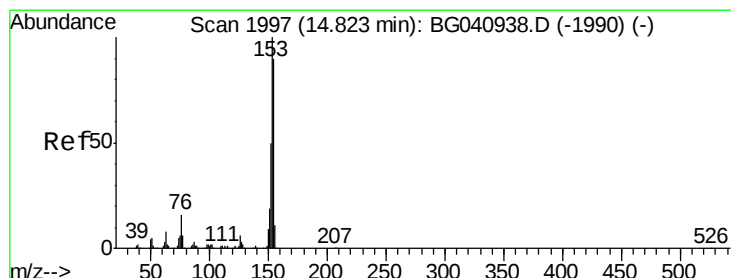
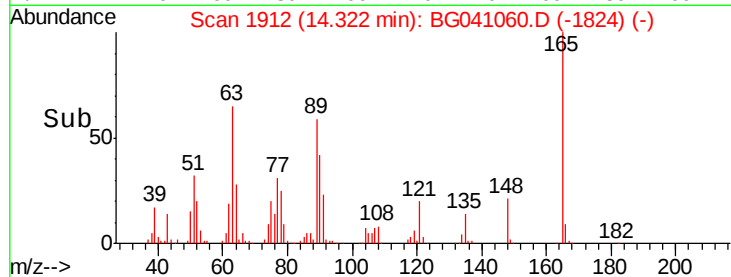
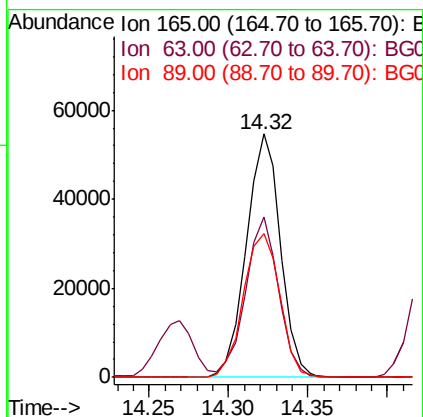
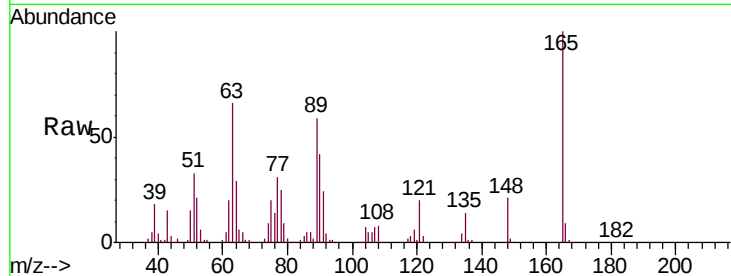




#51
 2,6-Dinitrotoluene
 Concen: 45.439 ng
 RT: 14.32 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

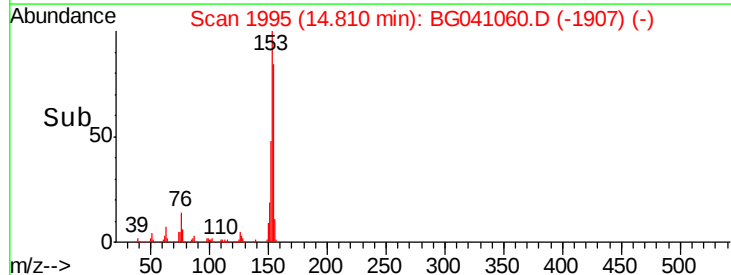
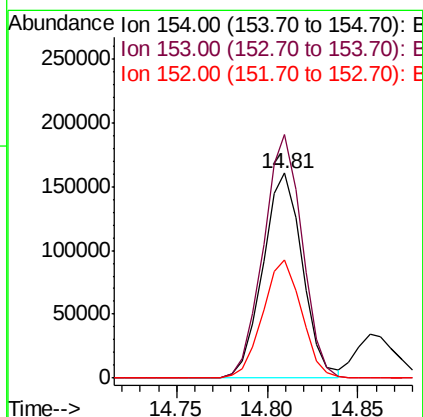
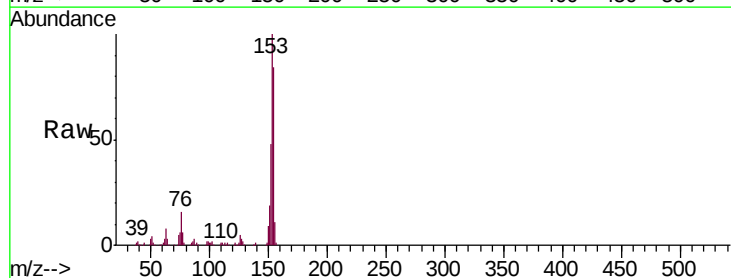
Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

Tgt Ion:165 Resp: 81482
 Ion Ratio Lower Upper
 165 100
 63 65.9 53.6 80.4
 89 59.2 50.4 75.6



#52
 Acenaphthene
 Concen: 42.762 ng
 RT: 14.81 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

Tgt Ion:154 Resp: 243425
 Ion Ratio Lower Upper
 154 100
 153 118.7 88.6 133.0
 152 57.5 44.2 66.4





#53

3-Nitroaniline

Concen: 29.122 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB120267BS

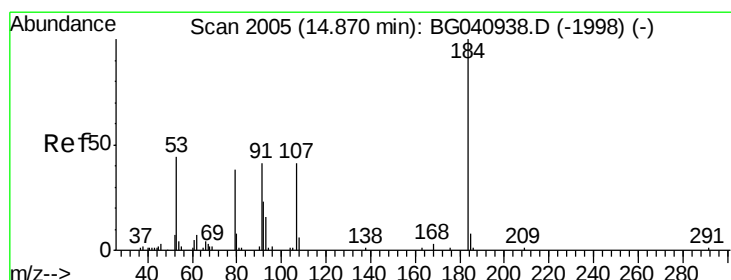
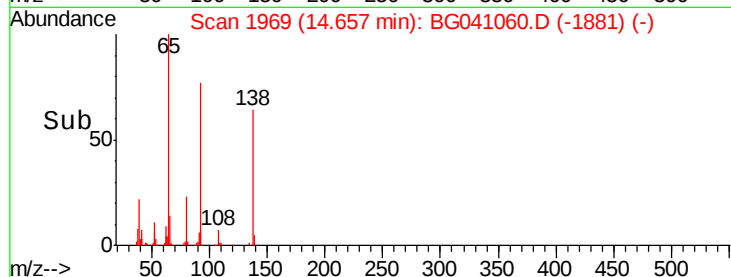
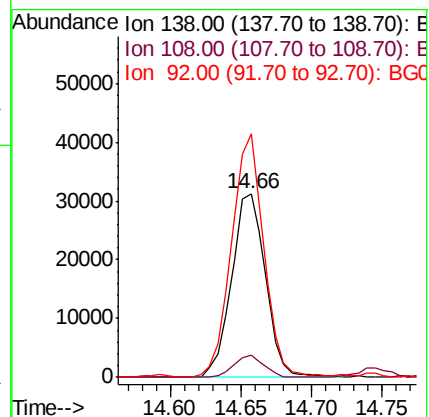
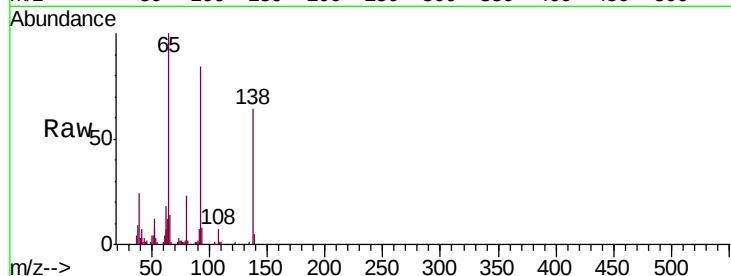
Tgt Ion:138 Resp: 52220

Ion Ratio Lower Upper

138 100

108 11.8 8.5 12.7

92 132.3 99.0 148.6



#54

2,4-Dinitrophenol

Concen: 90.291 ng

RT: 14.86 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

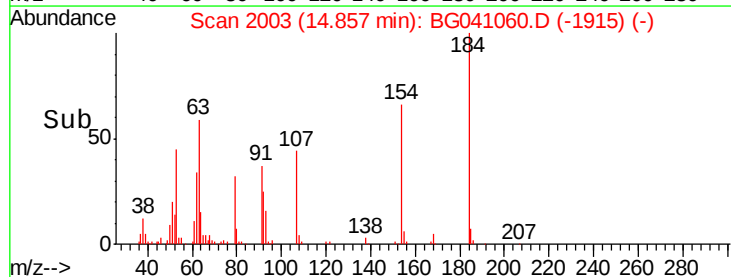
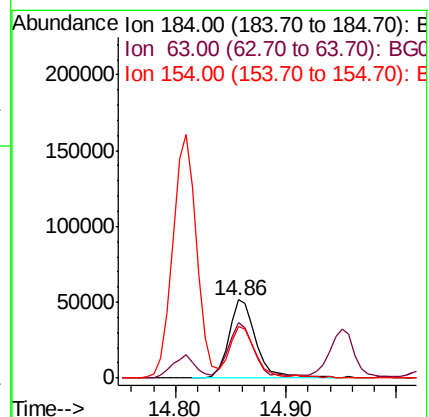
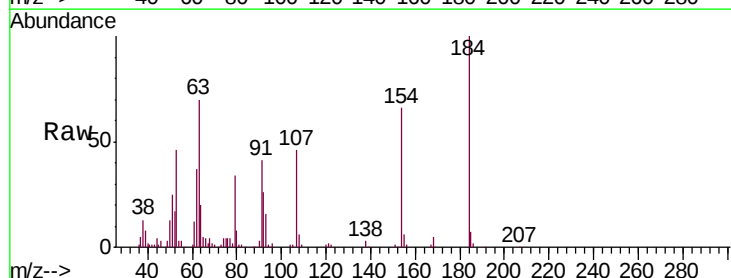
Tgt Ion:184 Resp: 89076

Ion Ratio Lower Upper

184 100

63 70.2 49.8 74.6

154 65.9 52.2 78.4

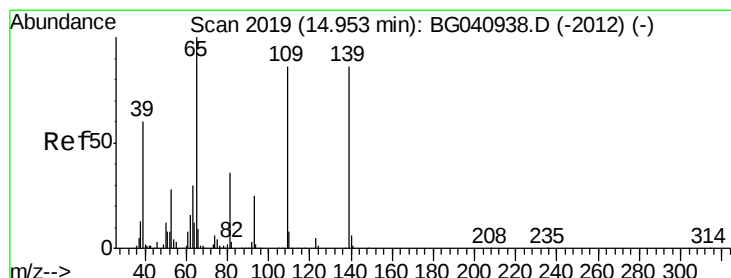
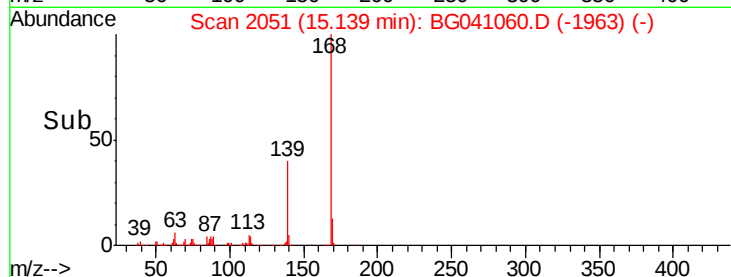
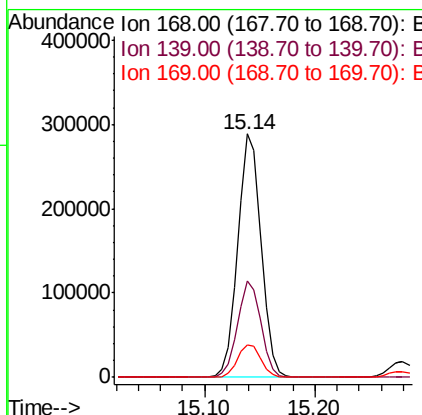
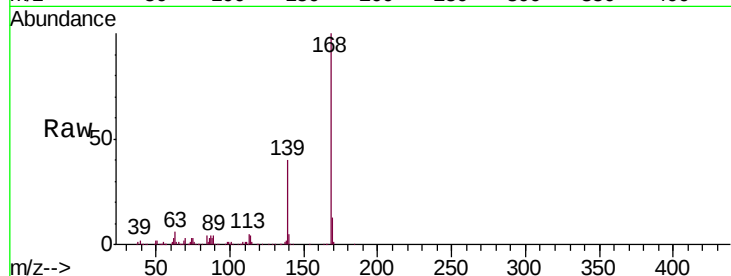




#55
Dibenzenofuran
Concen: 44.738 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

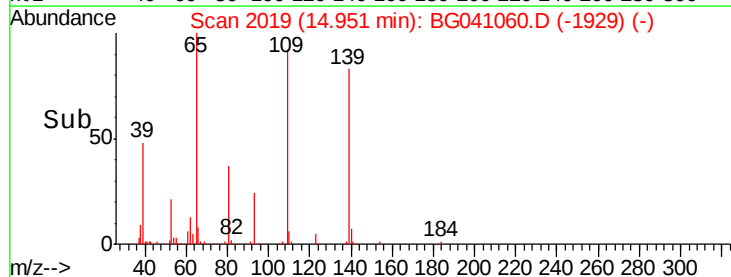
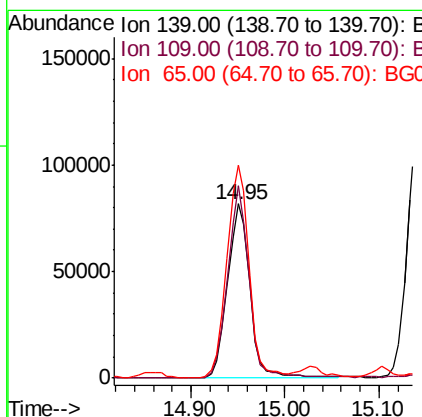
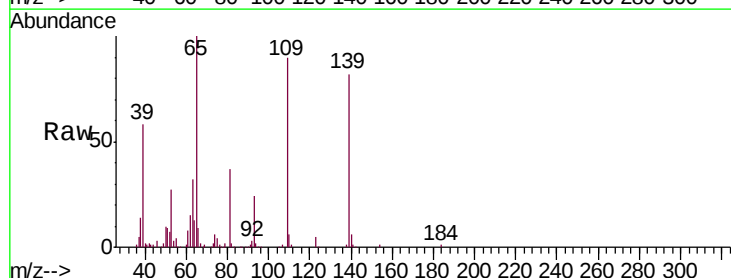
Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	32.8	49.2
169	13.3	11.3	16.9



#56
4-Nitrophenol
Concen: 110.818 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	110.3	79.6	119.6
65	122.0	96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 46.780 ng

RT: 15.10 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB120267BS

Tgt Ion:165 Resp: 118496

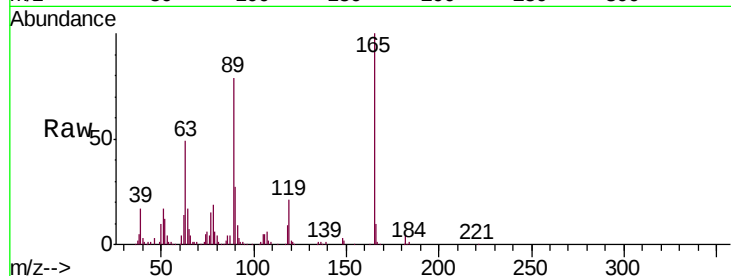
Ion Ratio Lower Upper

165 100

63 49.0 37.3 55.9

89 79.4 61.0 91.6

182 3.7 2.2 3.2#

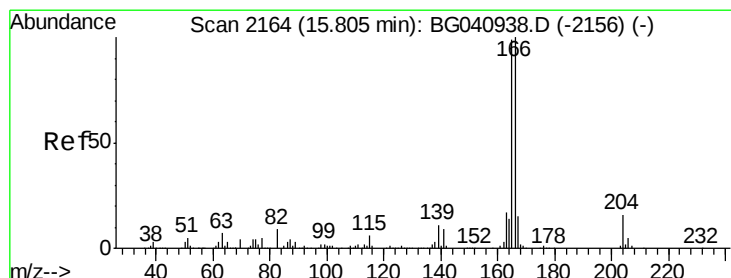
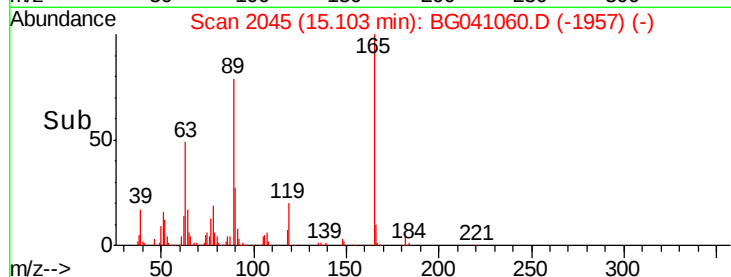
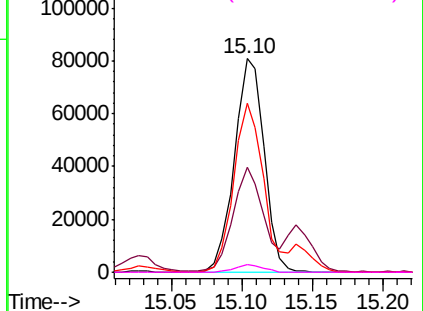


Abundance Ion 165.00 (164.70 to 165.70): E

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: 44.724 ng

RT: 15.78 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

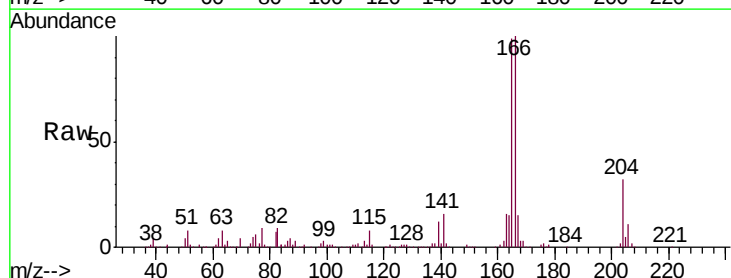
Tgt Ion:166 Resp: 341167

Ion Ratio Lower Upper

166 100

165 98.7 79.2 118.8

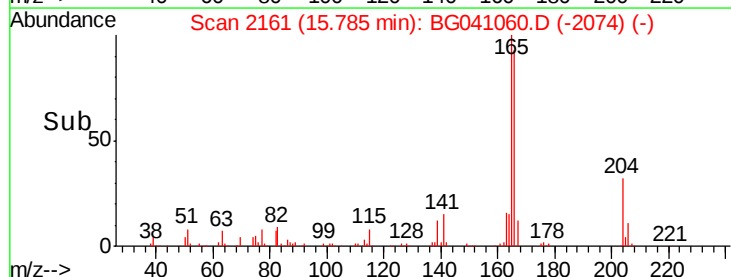
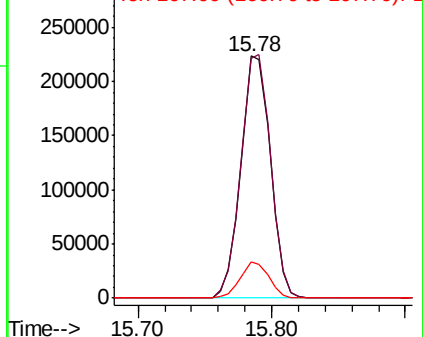
167 15.0 11.8 17.6



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

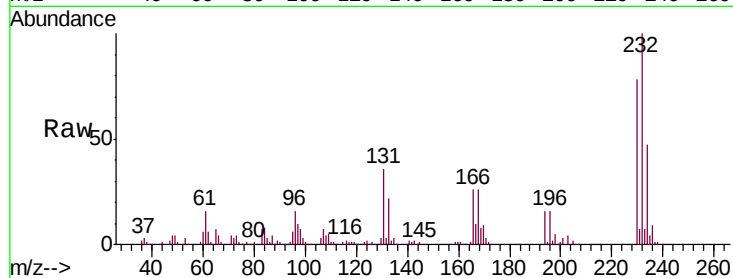




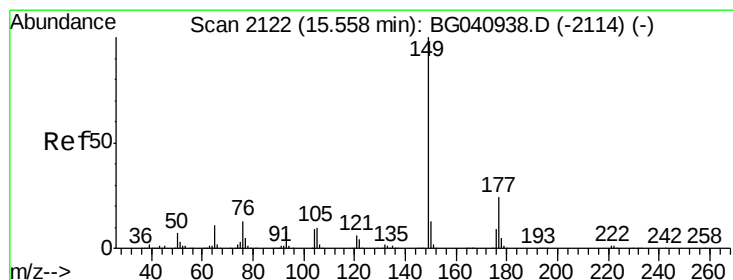
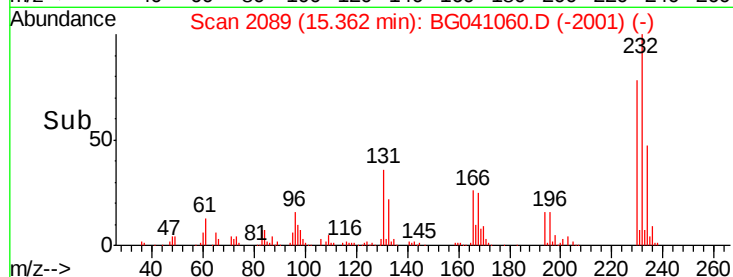
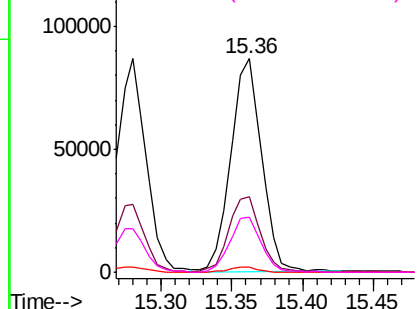
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.522 ng
 RT: 15.36 min Scan# 2089
 Delta R.T. -0.01 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

Tgt Ion:	232	Resp:	131489
Ion	Ratio	Lower	Upper
232	100		
131	36.9	30.3	45.5
130	2.3	1.8	2.8
166	26.1	21.3	31.9

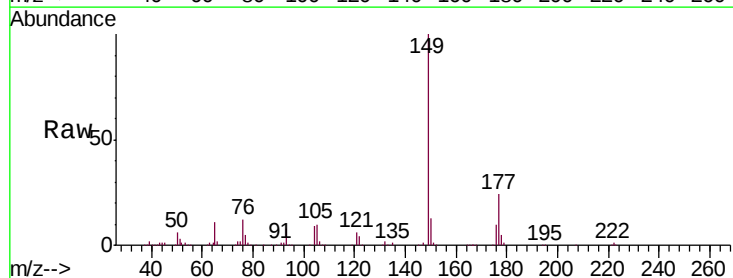


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

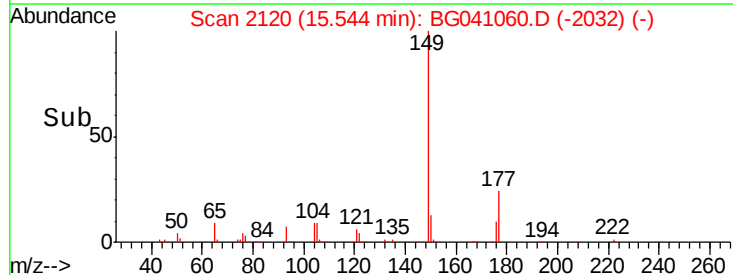
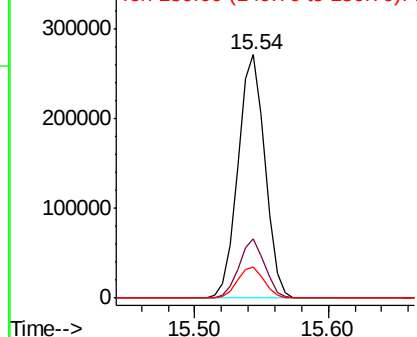


#60
 Diethylphthalate
 Concen: 44.588 ng
 RT: 15.54 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

Tgt Ion:	149	Resp:	378451
Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.4	29.0
150	12.5	10.3	15.5



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

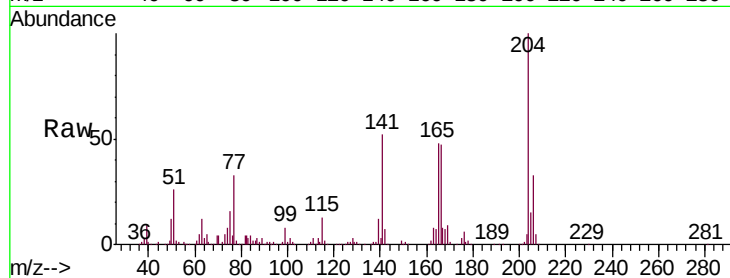




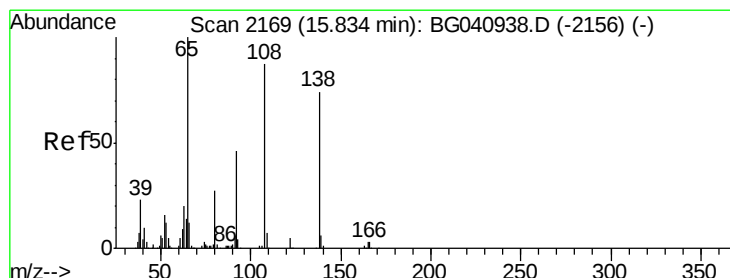
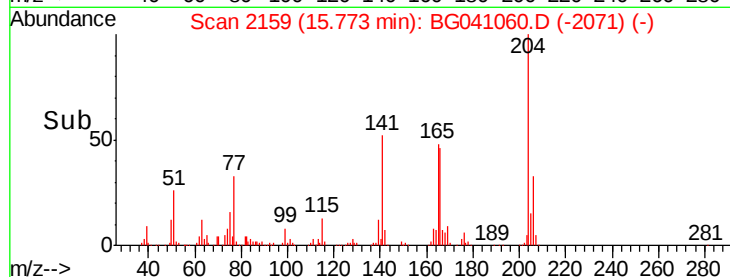
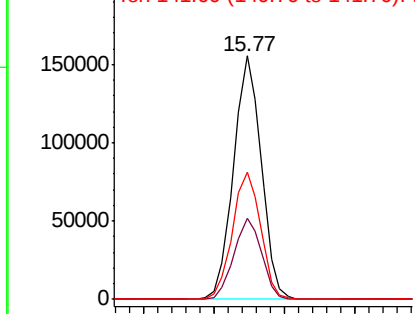
#61
4-Chlorophenyl-phenylether
Concen: 42.864 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tgt Ion: 204 Resp: 212530
Ion Ratio Lower Upper
204 100
206 33.1 27.6 41.4
141 52.3 45.1 67.7

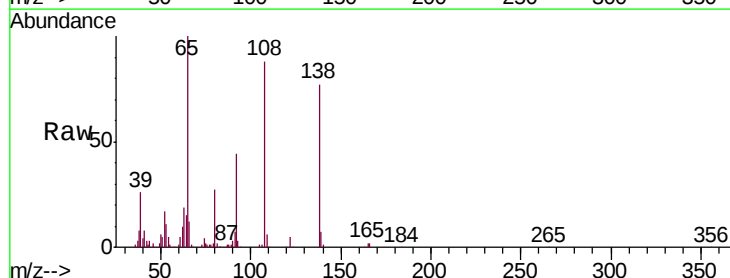


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

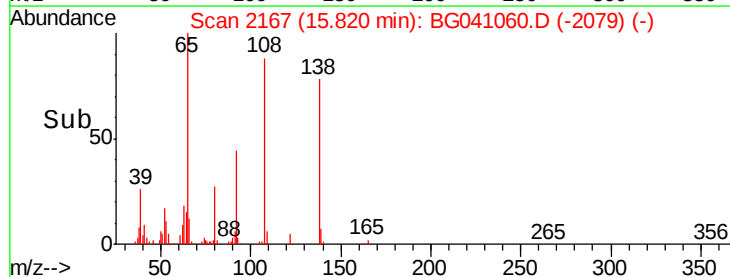
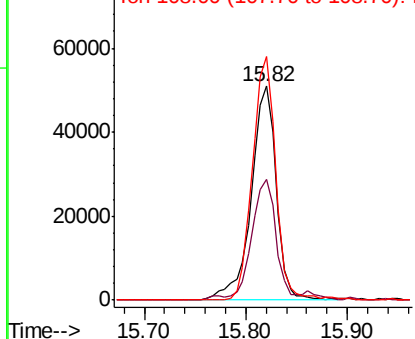


#62
4-Nitroaniline
Concen: 46.190 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion: 138 Resp: 87685
Ion Ratio Lower Upper
138 100
92 56.5 42.4 82.4
108 113.9 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: 44.671 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB120267BS

Tgt Ion: 77 Resp: 344610

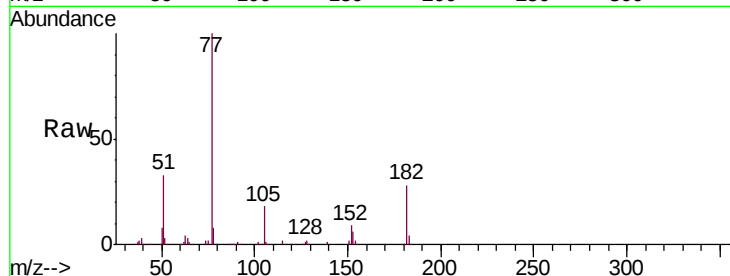
Ion Ratio Lower Upper

77 100

182 28.5 9.6 49.6

105 17.9 0.0 37.5

51 32.9 13.7 53.7

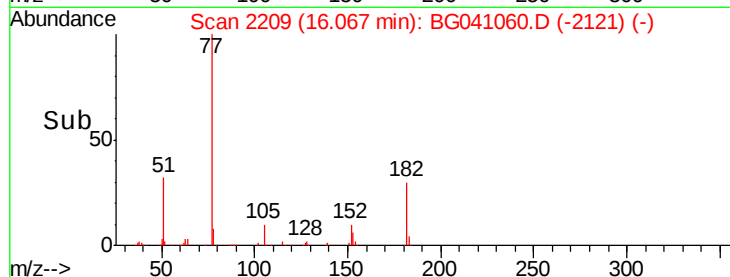
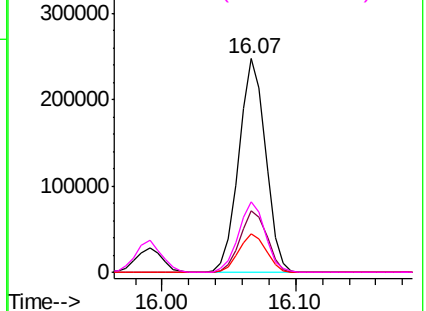


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

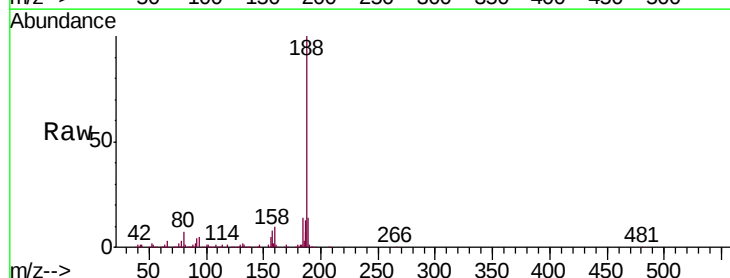
Tgt Ion: 188 Resp: 261342

Ion Ratio Lower Upper

188 100

94 5.2 4.7 7.1

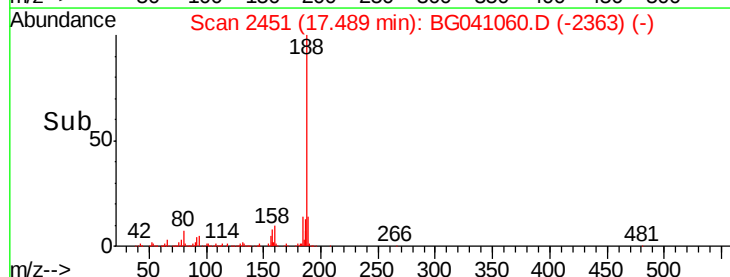
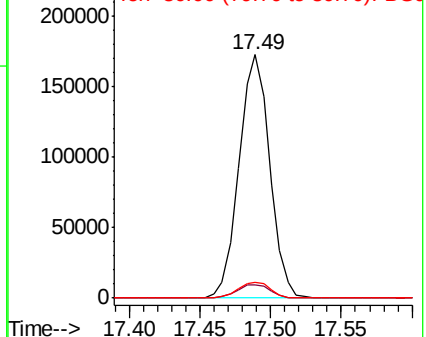
80 6.7 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

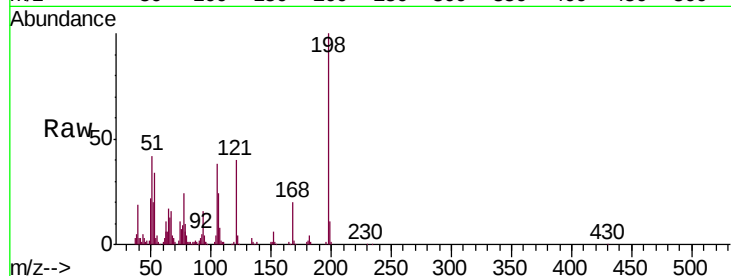




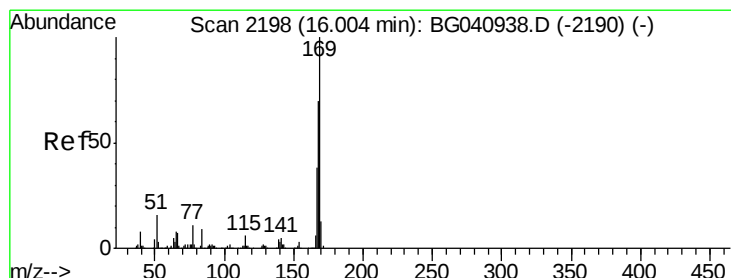
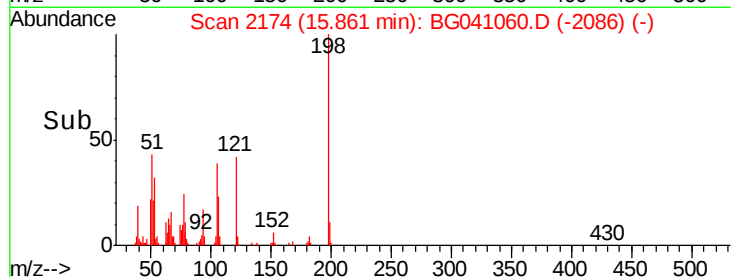
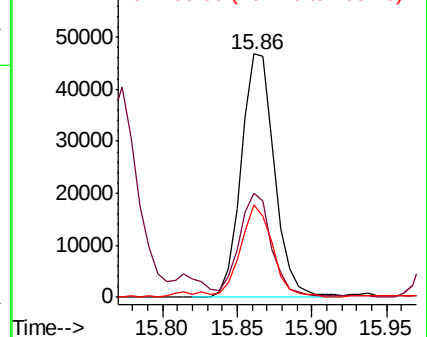
#65
4,6-Dinitro-2-methylphenol
Concen: 51.108 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tgt Ion:198 Resp: 72521
Ion Ratio Lower Upper
198 100
51 42.5 21.6 61.6
105 37.8 17.5 57.5

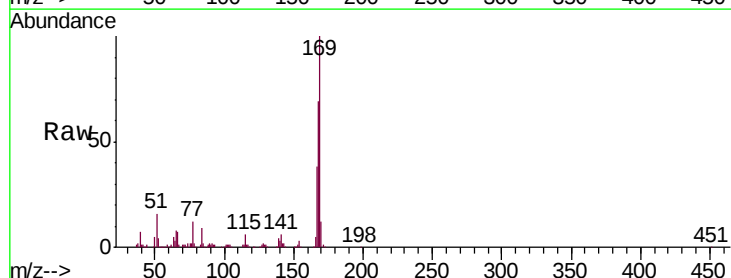


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

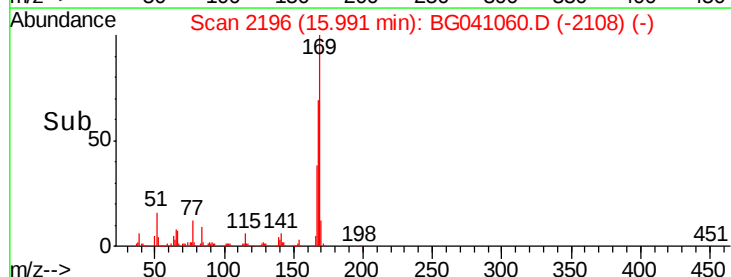
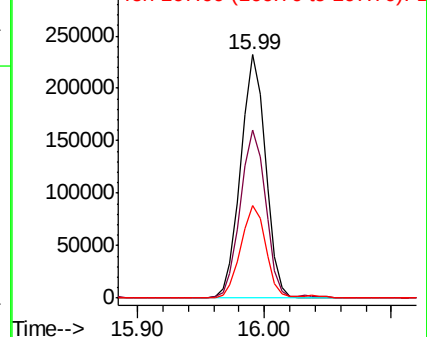


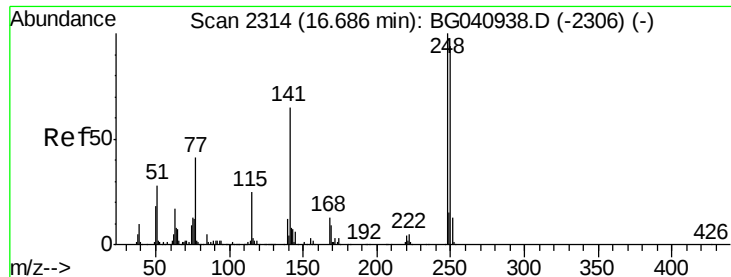
#66
n-Nitrosodiphenylamine
Concen: 42.914 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion:169 Resp: 315273
Ion Ratio Lower Upper
169 100
168 69.2 55.7 83.5
167 38.2 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

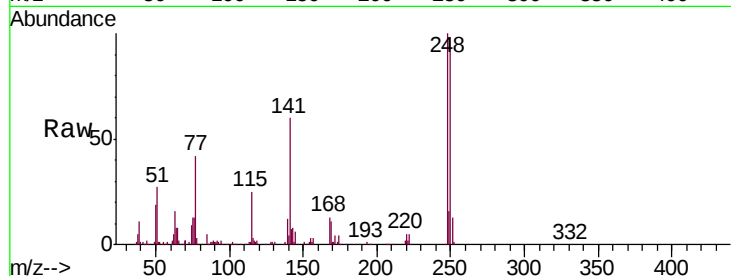




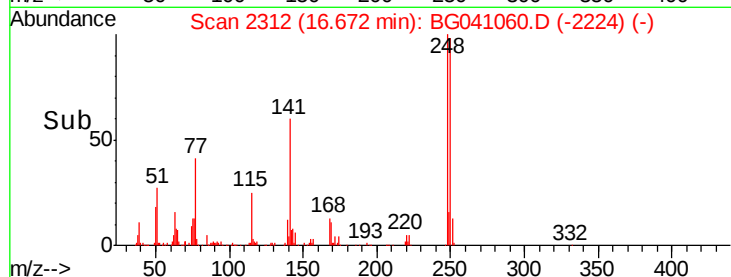
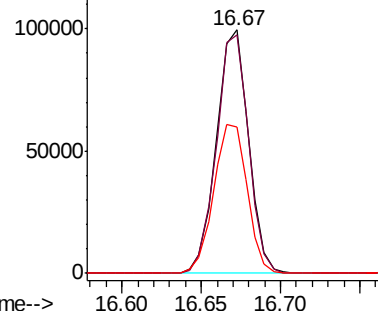
#67
4-Bromophenyl-phenylether
Concen: 39.659 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tgt Ion:248 Resp: 139873
Ion Ratio Lower Upper
248 100
250 98.0 75.0 112.4
141 59.9 52.4 78.6

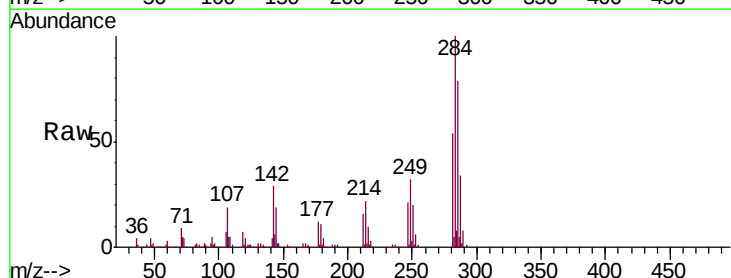


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

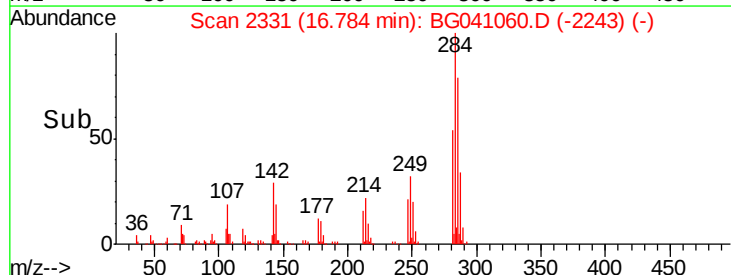
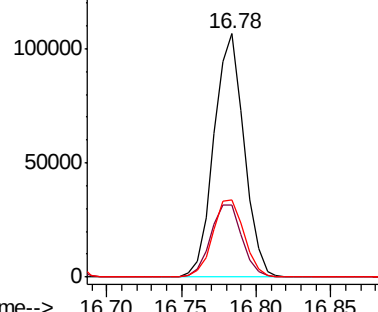


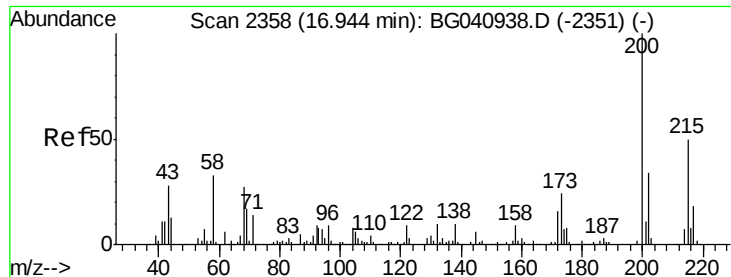
#68
Hexachlorobenzene
Concen: 39.529 ng
RT: 16.78 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion:284 Resp: 148454
Ion Ratio Lower Upper
284 100
142 29.4 23.9 35.9
249 32.0 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

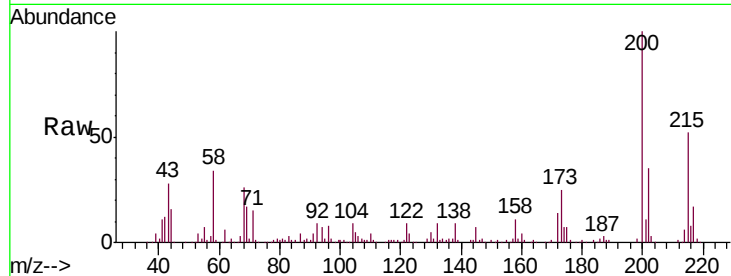




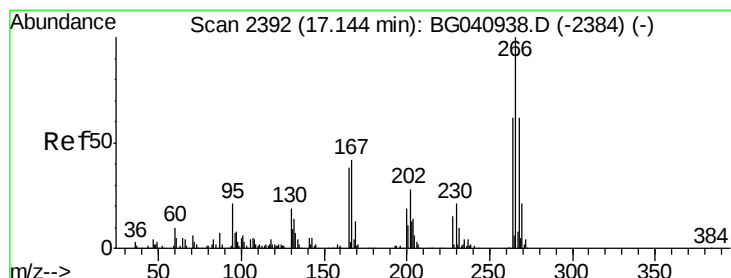
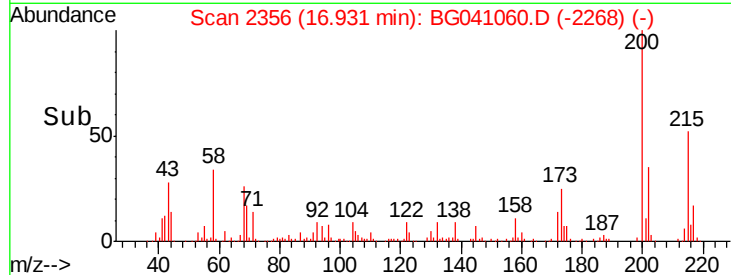
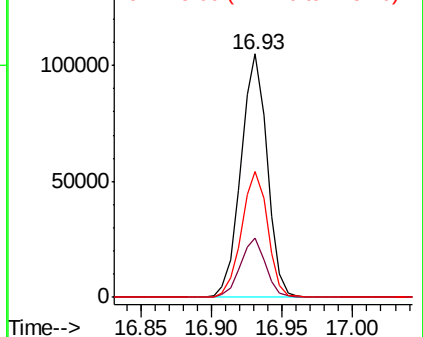
#69
 Atrazine
 Concen: 48.136 ng
 RT: 16.93 min Scan# 2356
 Delta R.T. -0.01 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.5	3.6	43.6
215	51.9	29.6	69.6

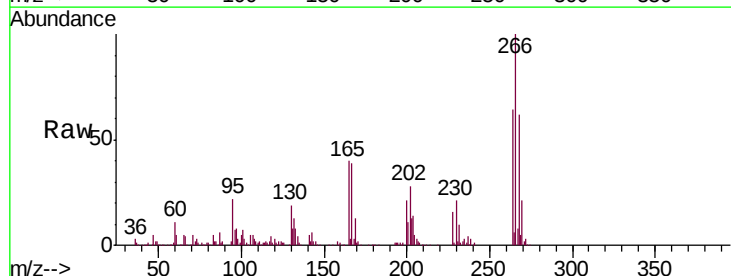


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

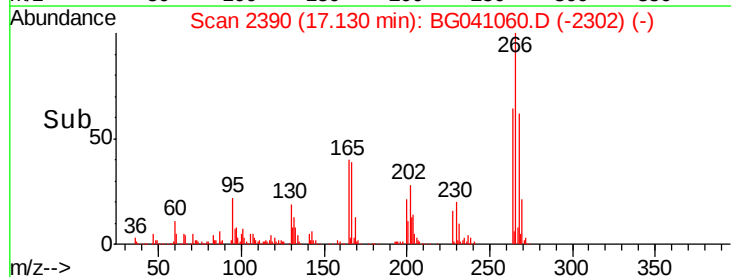
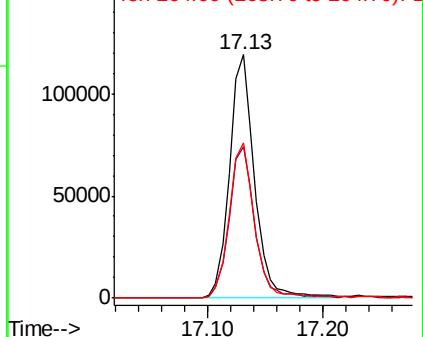


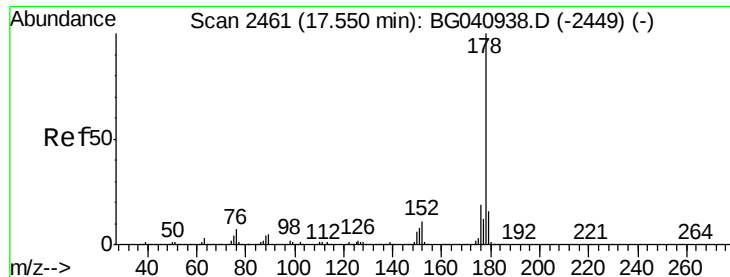
#70
 Pentachlorophenol
 Concen: 88.686 ng
 RT: 17.13 min Scan# 2390
 Delta R.T. -0.01 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.1	53.1	79.7
264	63.9	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: 43.853 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB120267BS

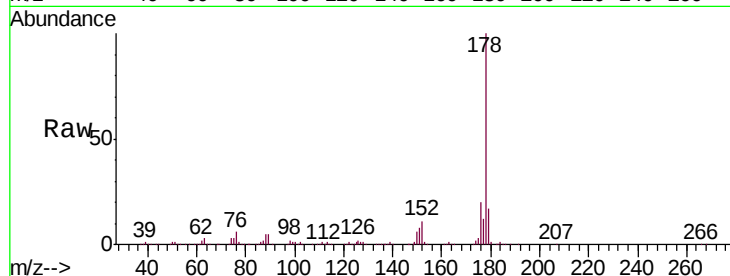
Tgt Ion:178 Resp: 596971

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

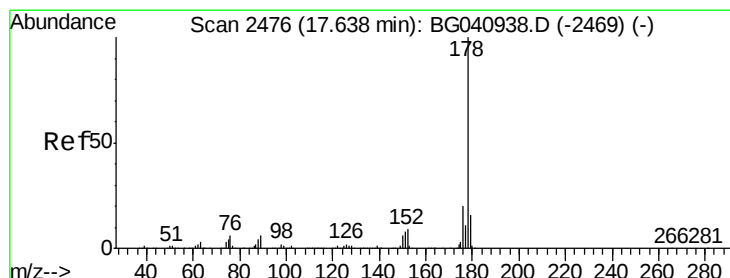
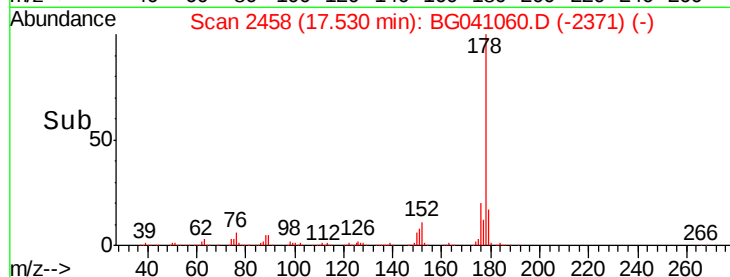
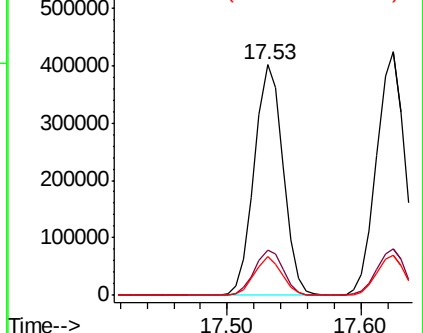
179 16.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.145 ng

RT: 17.62 min Scan# 2474

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

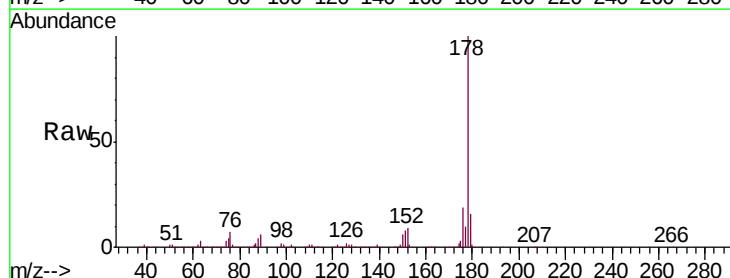
Tgt Ion:178 Resp: 619544

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

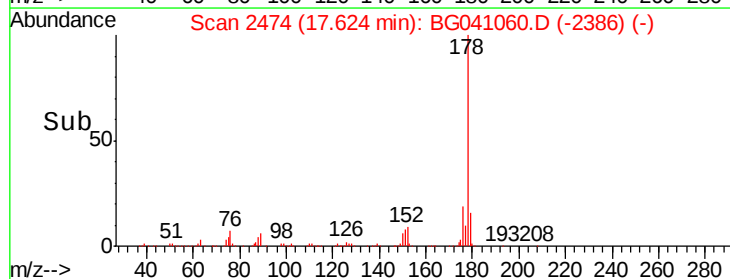
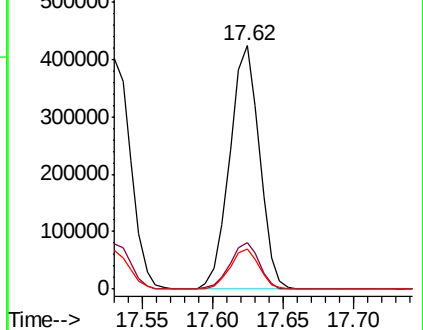
179 16.5 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

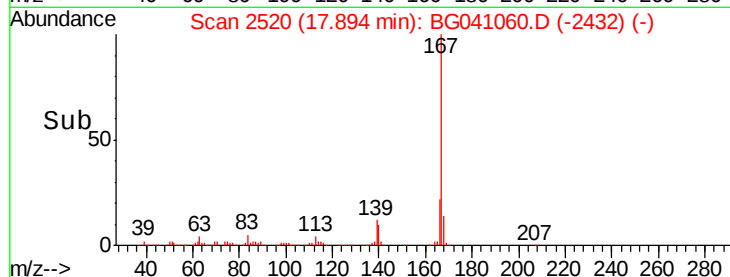
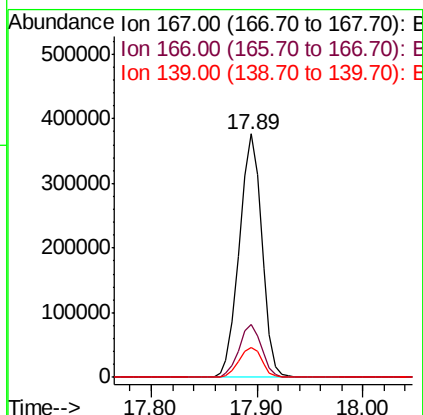
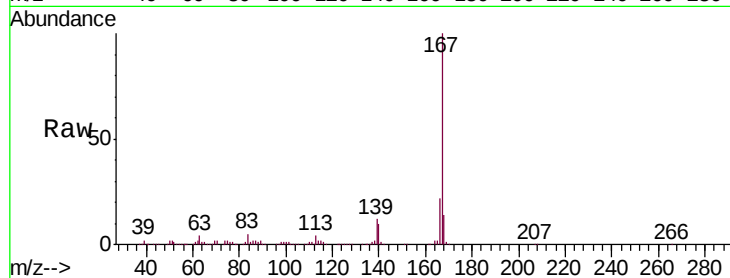




#73
 Carbazole
 Concen: 48.053 ng
 RT: 17.89 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

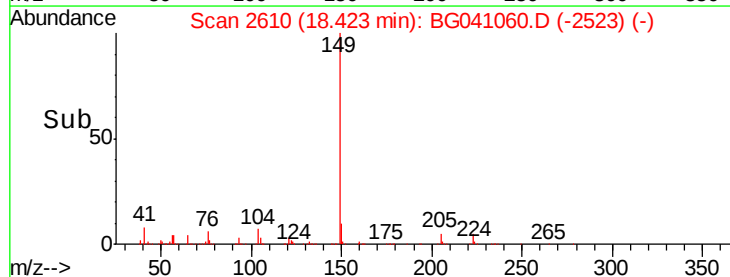
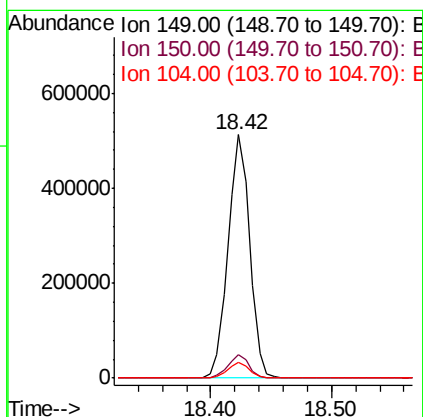
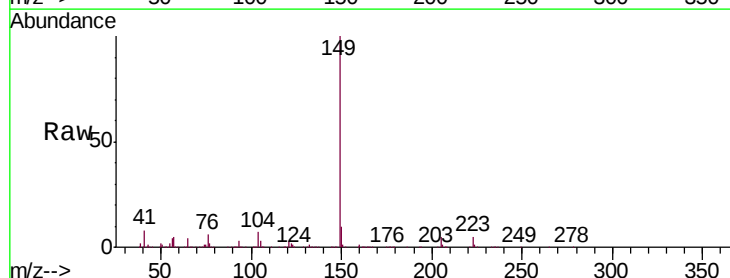
Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

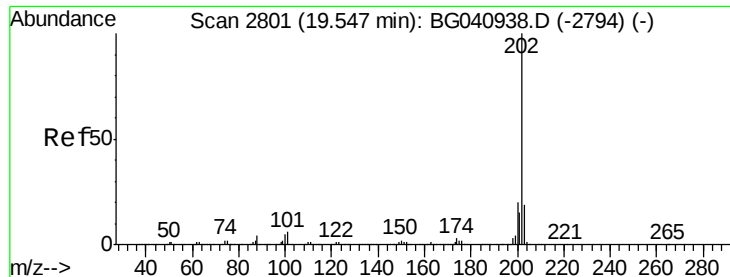
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.4
139	12.3	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 44.657 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.2
104	6.7	5.0	7.4





#75

Fluoranthene

Concen: 47.392 ng

RT: 19.53 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB120267BS

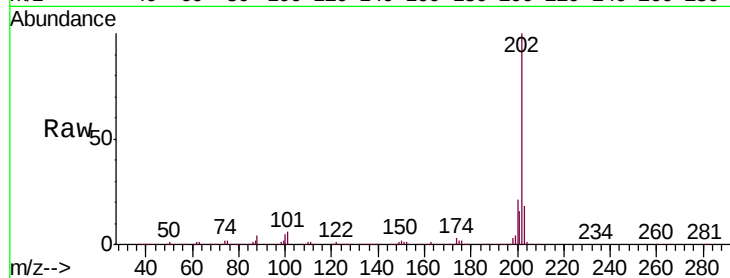
Tgt Ion:202 Resp: 796855

Ion Ratio Lower Upper

202 100

101 6.4 0.0 26.2

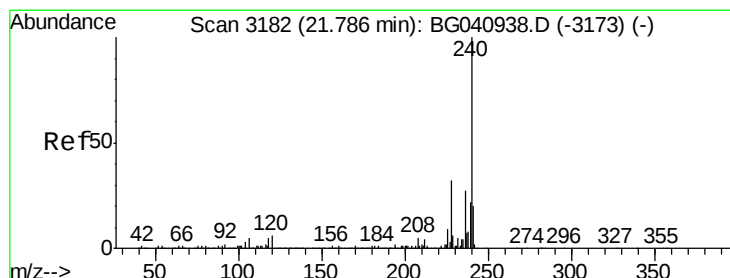
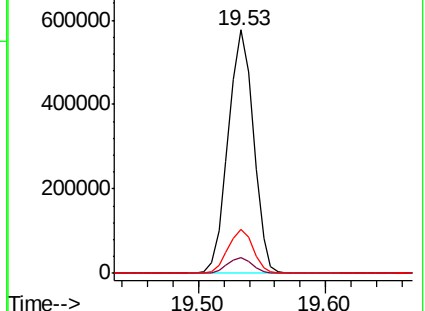
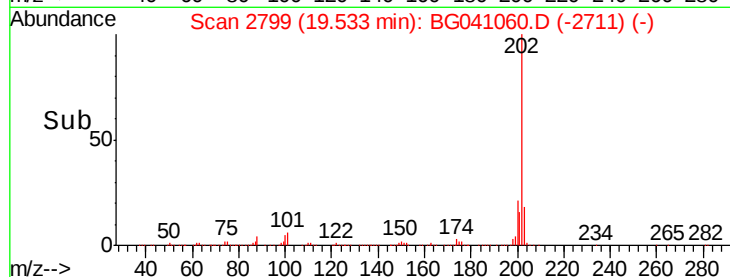
203 18.1 0.0 38.7



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: 21.77 min Scan# 3179

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

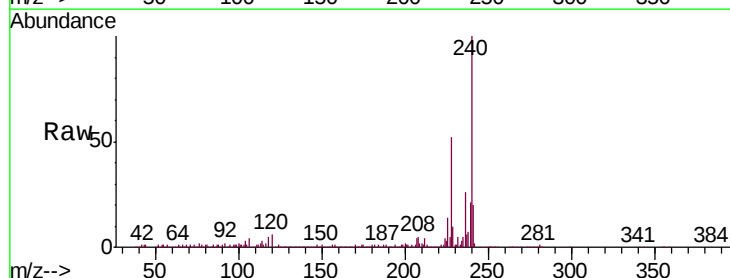
Tgt Ion:240 Resp: 282892

Ion Ratio Lower Upper

240 100

120 5.5 4.5 6.7

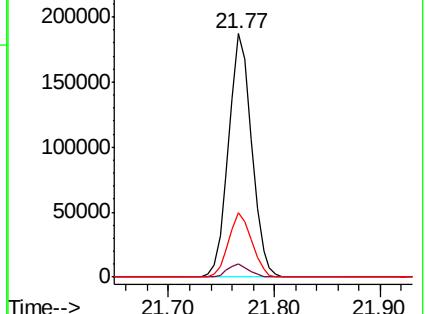
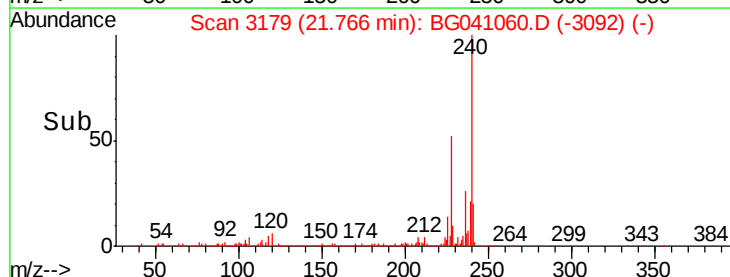
236 26.4 21.3 31.9



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: 48.163 ng

RT: 19.72 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB120267BS

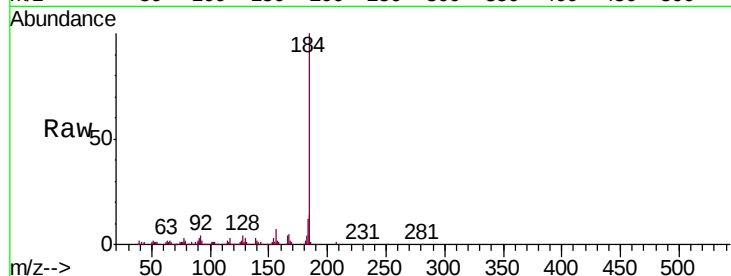
Tgt Ion:184 Resp: 325024

Ion Ratio Lower Upper

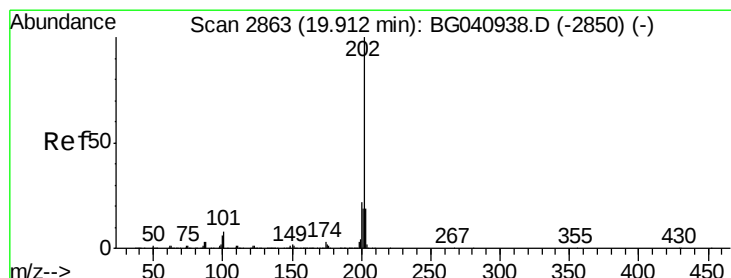
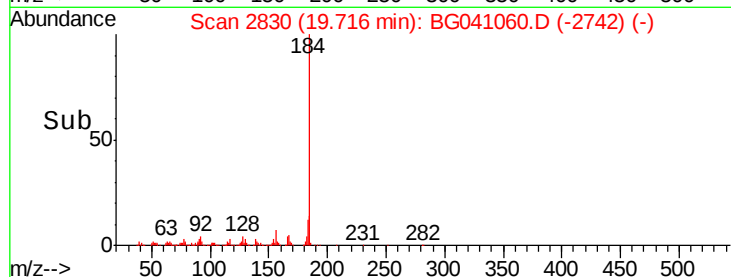
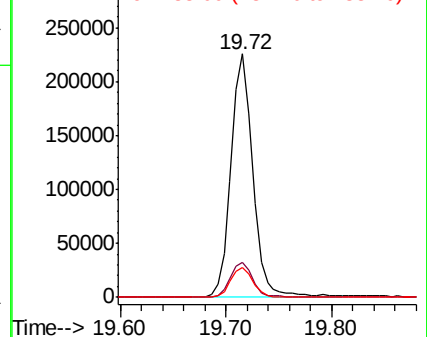
184 100

185 14.4 13.3 19.9

183 12.3 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: 43.453 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

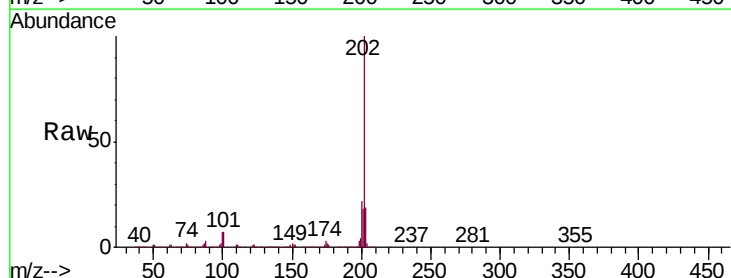
Tgt Ion:202 Resp: 799098

Ion Ratio Lower Upper

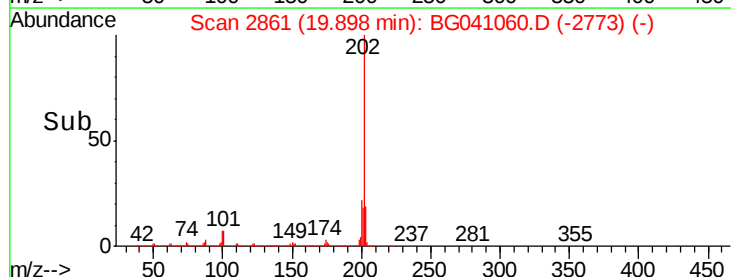
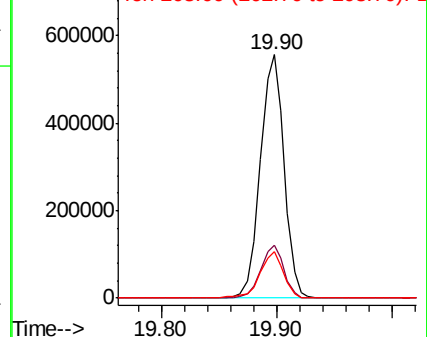
202 100

200 21.6 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: 86.262 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB120267BS

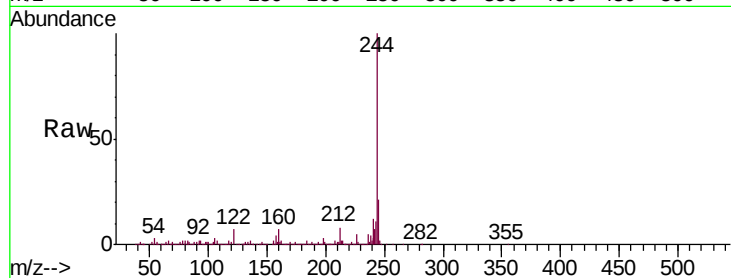
Tgt Ion:244 Resp: 1149802

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

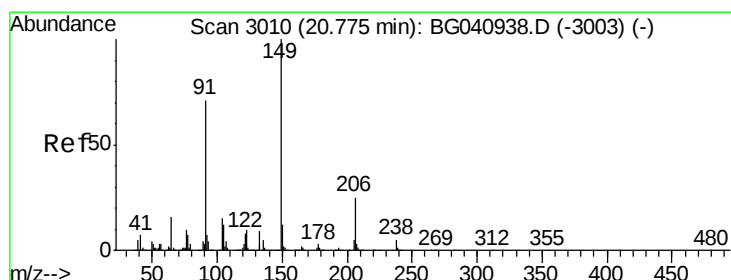
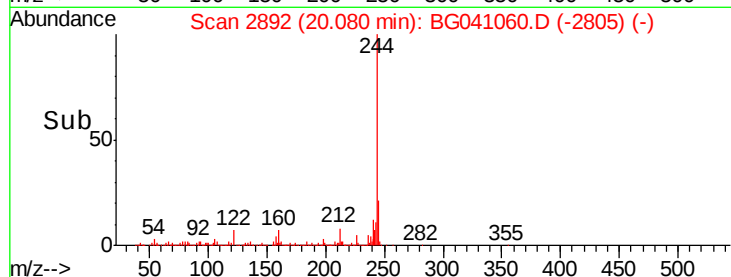
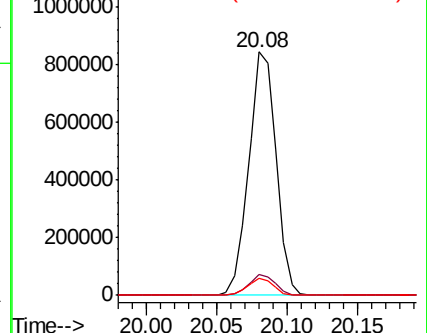
122 6.8 5.4 8.0



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: 42.355 ng

RT: 20.76 min Scan# 3008

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

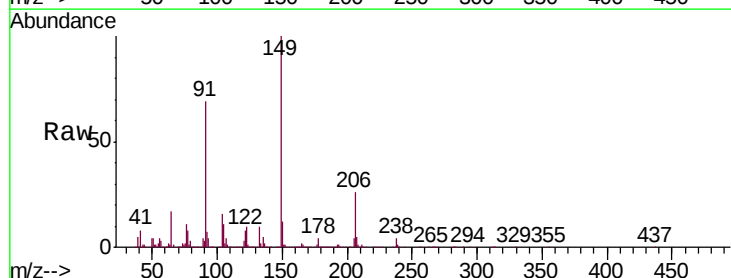
Tgt Ion:149 Resp: 303112

Ion Ratio Lower Upper

149 100

91 68.9 56.5 84.7

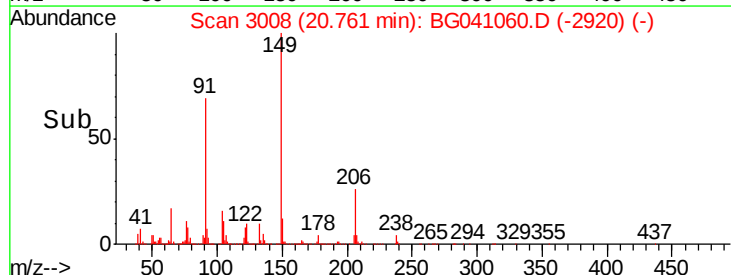
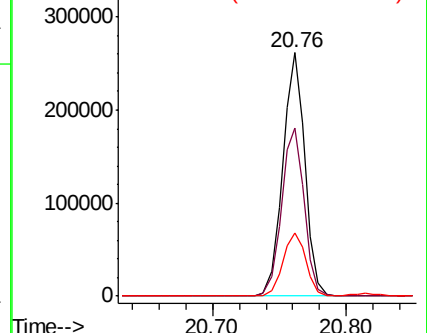
206 26.1 20.3 30.5

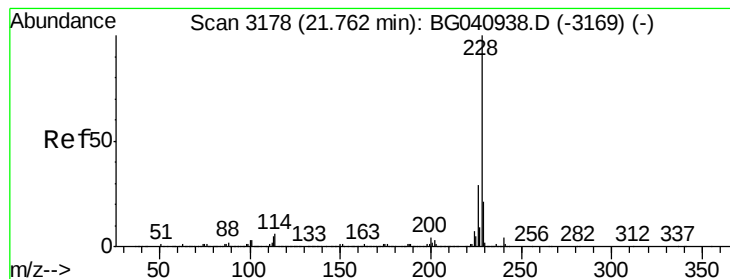


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.250 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB120267BS

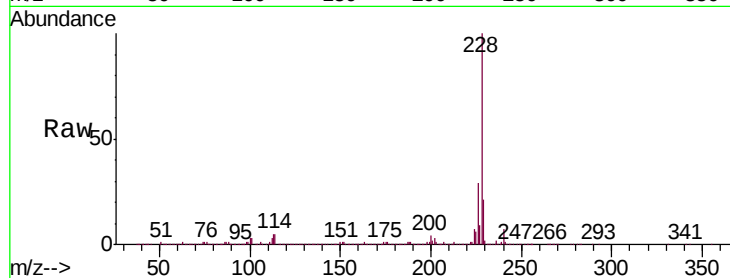
Tgt Ion:228 Resp: 795616

Ion Ratio Lower Upper

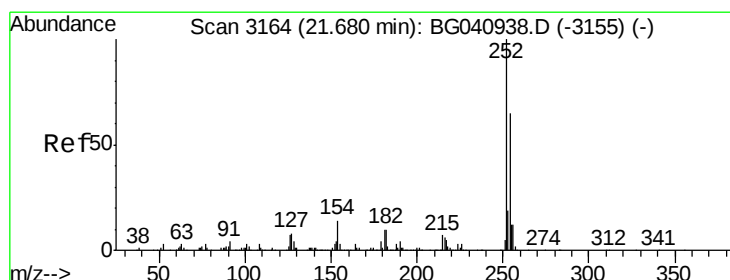
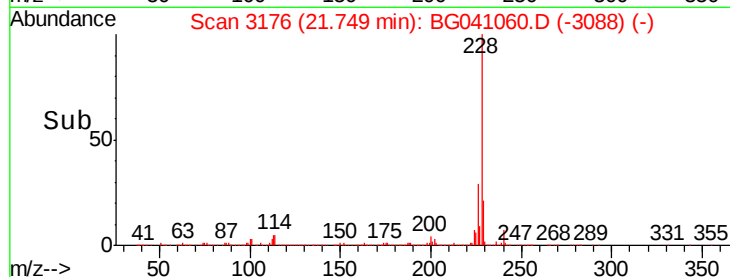
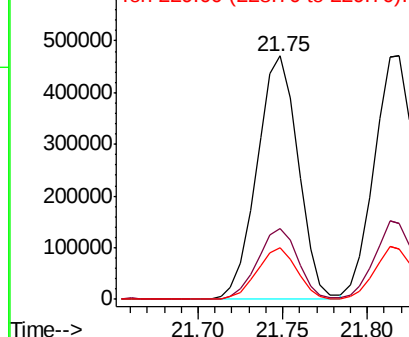
228 100

226 29.1 23.5 35.3

229 21.0 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: 27.533 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

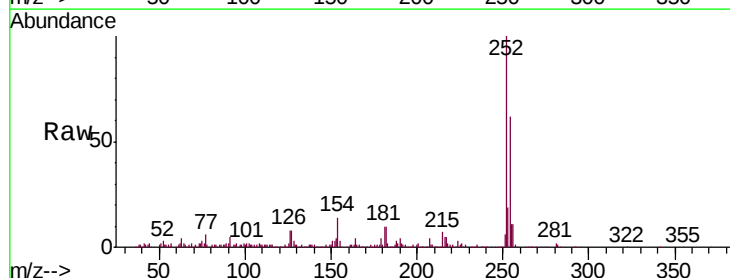
Tgt Ion:252 Resp: 182358

Ion Ratio Lower Upper

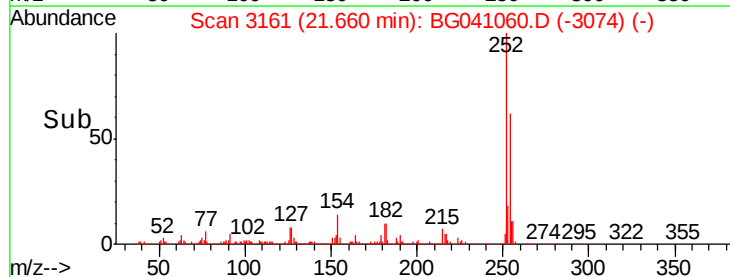
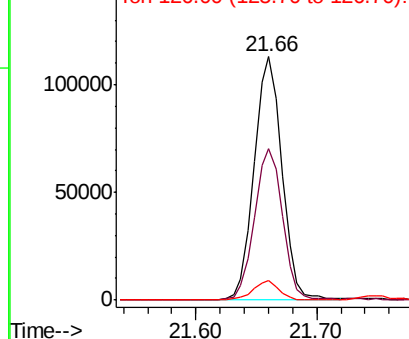
252 100

254 62.3 52.1 78.1

126 7.8 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: 43.502 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB120267BS

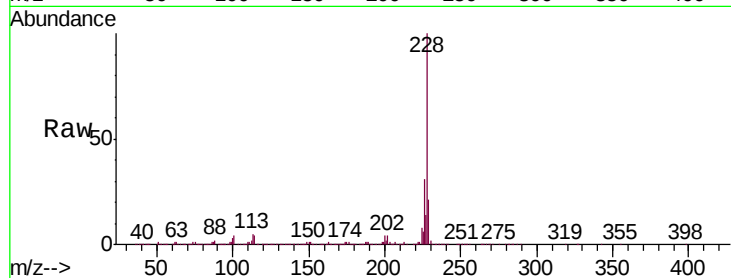
Tgt Ion:228 Resp: 783922

Ion Ratio Lower Upper

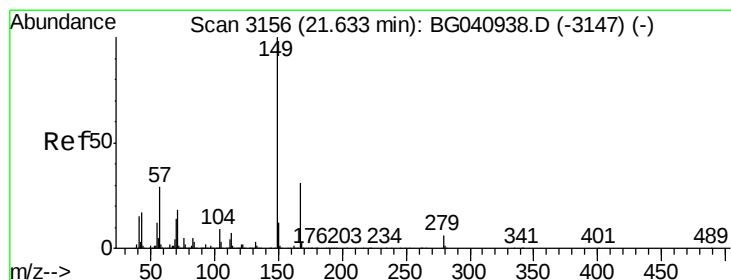
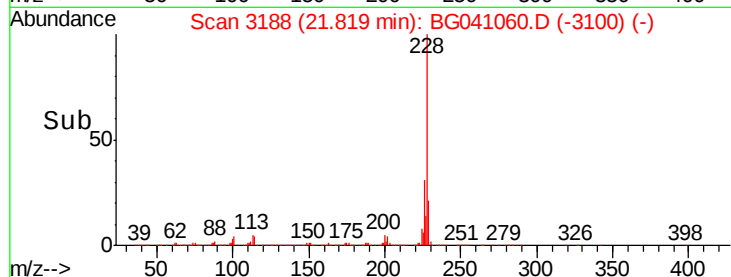
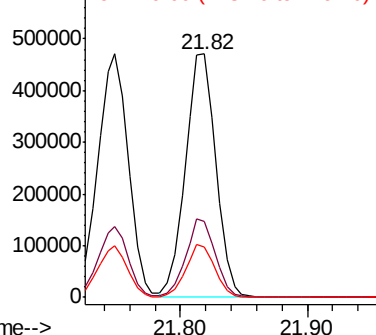
228 100

226 31.1 24.6 37.0

229 20.9 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: 41.810 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

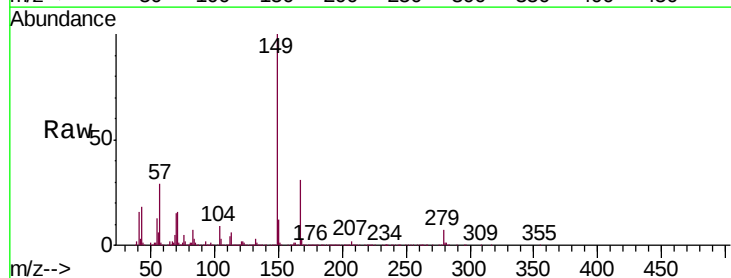
Tgt Ion:149 Resp: 421211

Ion Ratio Lower Upper

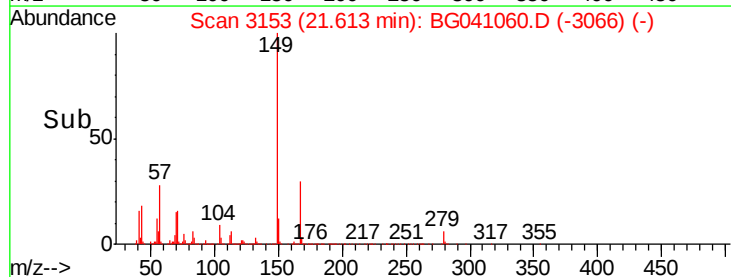
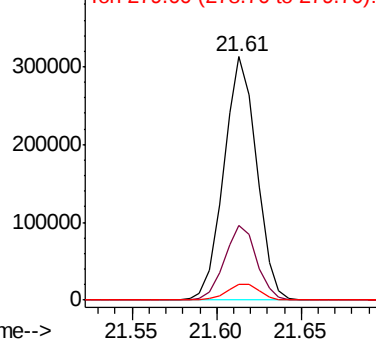
149 100

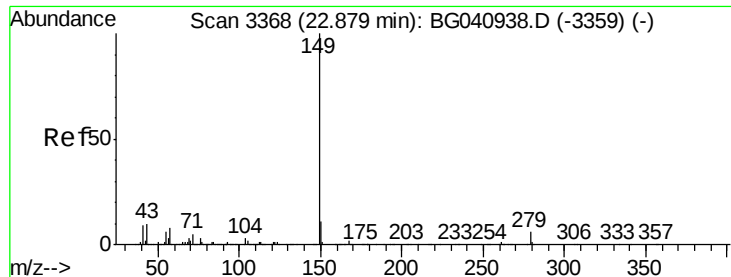
167 30.6 24.6 37.0

279 6.6 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

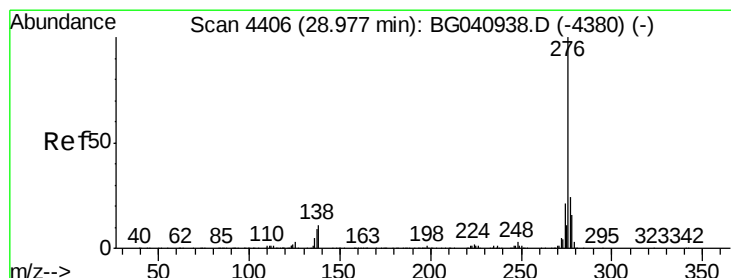
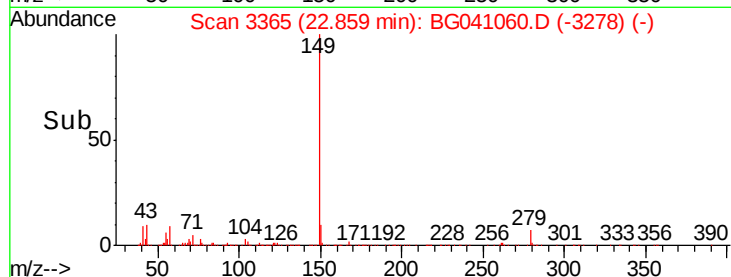
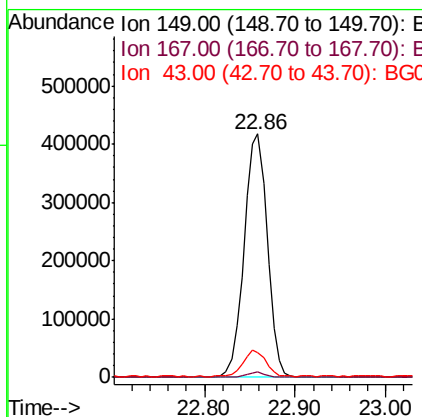
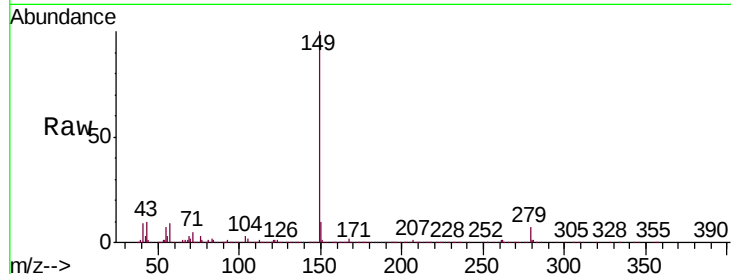




#85
Di-n-octyl phthalate
Concen: 43.823 ng
RT: 22.86 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

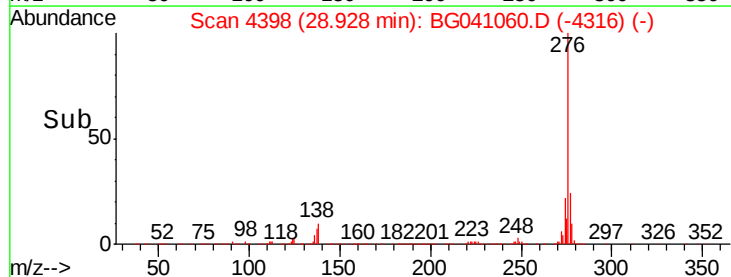
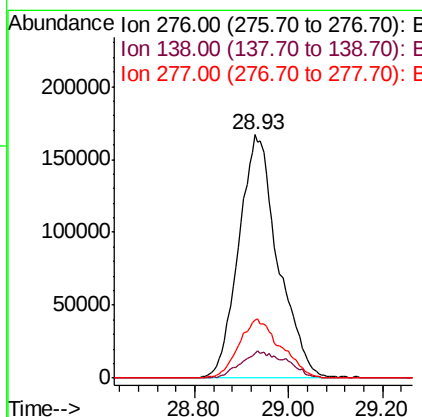
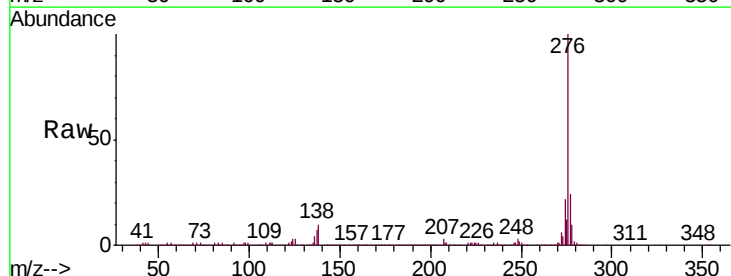
Instrument :
BNA_G
ClientSampleId :
PB120267BS

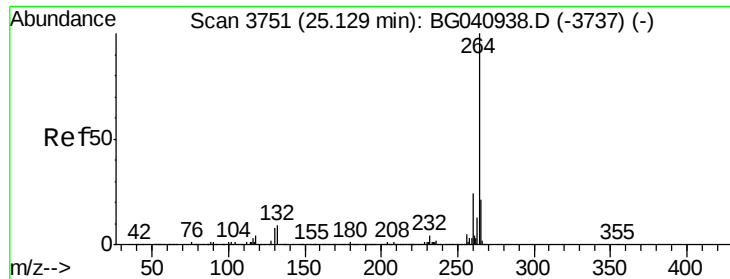
Tgt Ion:149 Resp: 735277
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 10.6 8.1 12.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.740 ng
RT: 28.93 min Scan# 4398
Delta R.T. -0.05 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion:276 Resp: 965550
Ion Ratio Lower Upper
276 100
138 12.9 5.7 8.5#
277 26.0 20.8 31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3747

Delta R.T. -0.03 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB120267BS

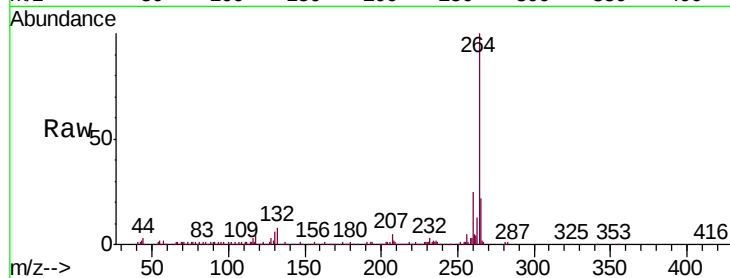
Tgt Ion:264 Resp: 306526

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.4

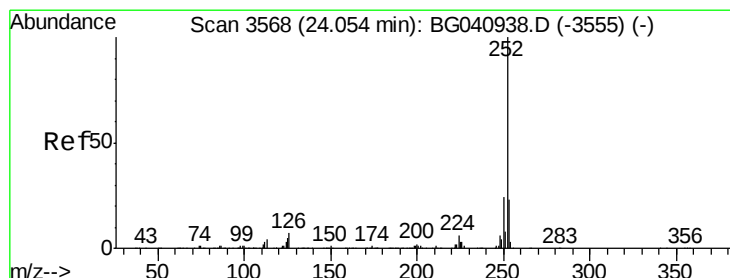
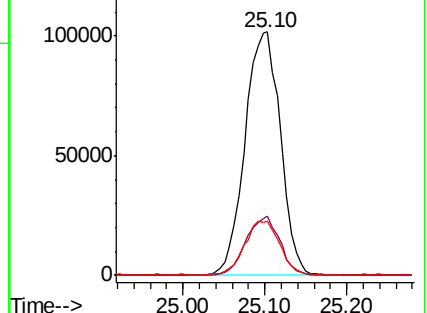
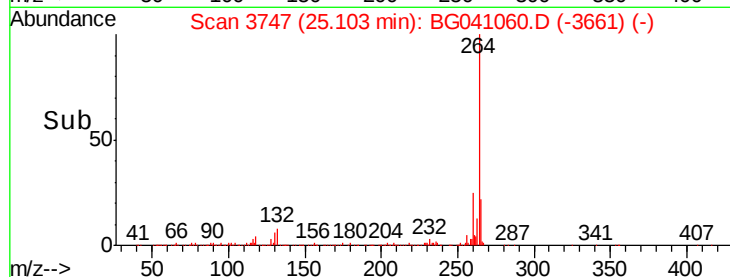
265 22.3 17.0 25.4



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: 43.573 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

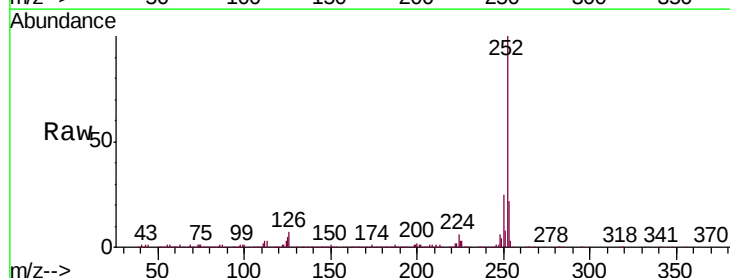
Tgt Ion:252 Resp: 810108

Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

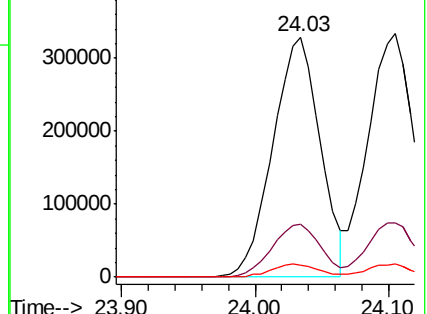
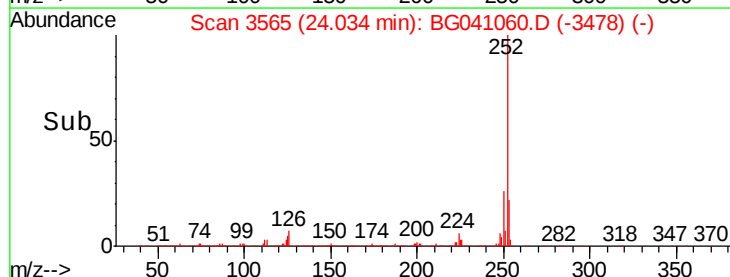
125 5.1 4.3 6.5

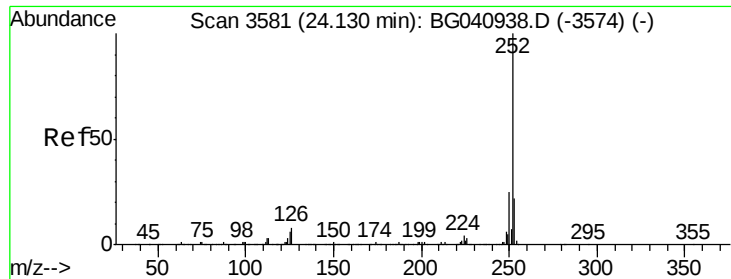


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.692 ng

RT: 24.10 min Scan# 3577

Delta R.T. -0.03 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB120267BS

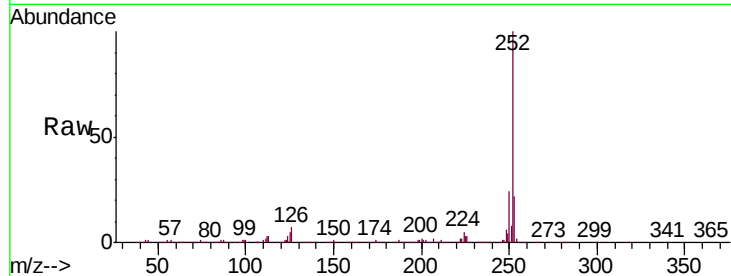
Tgt Ion:252 Resp: 803840

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

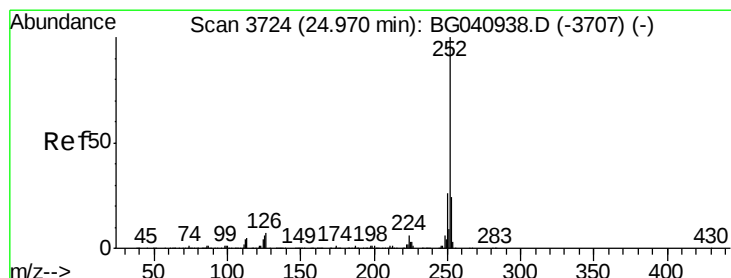
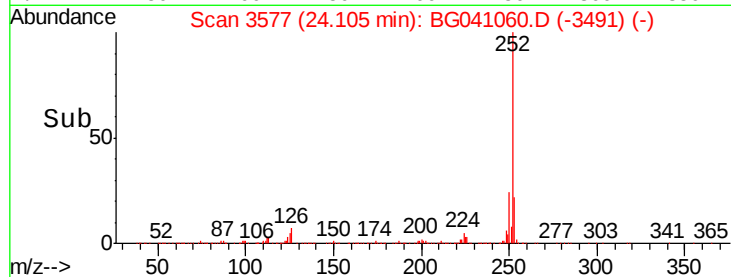
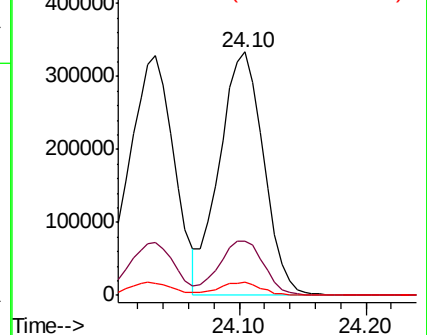
125 5.3 4.7 7.1



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: 45.045 ng

RT: 24.94 min Scan# 3720

Delta R.T. -0.03 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

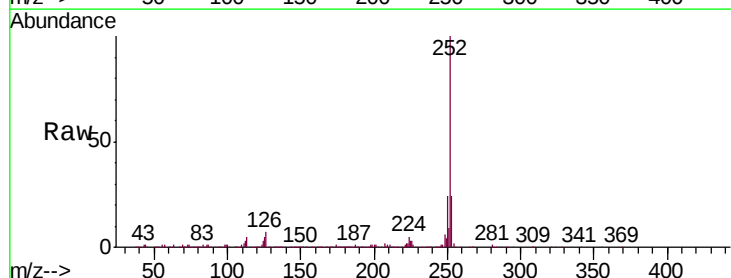
Tgt Ion:252 Resp: 799006

Ion Ratio Lower Upper

252 100

253 23.6 19.5 29.3

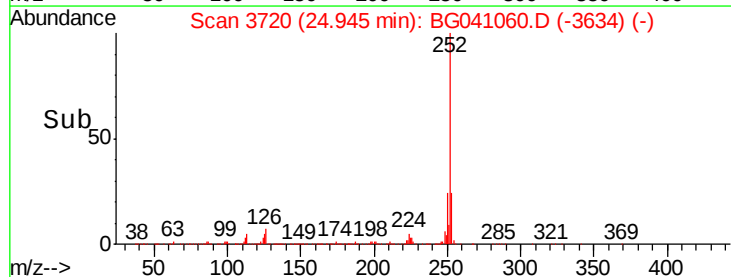
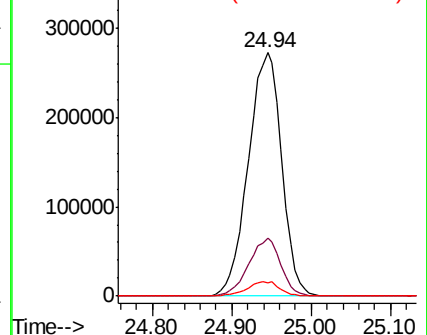
125 5.5 5.1 7.7

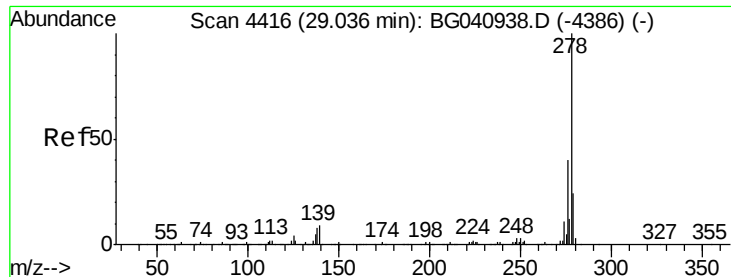


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.102 ng

RT: 28.99 min Scan# 4409

Delta R.T. -0.04 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB120267BS

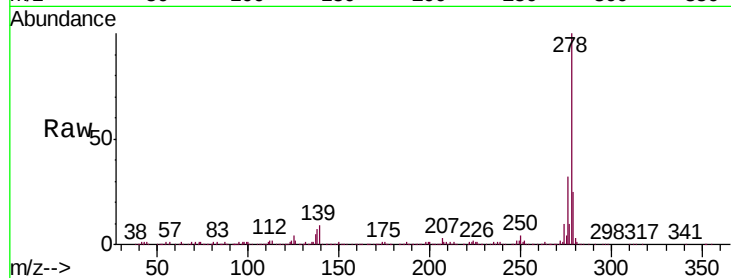
Tgt Ion: 278 Resp: 799379

Ion Ratio Lower Upper

278 100

139 9.0 7.1 10.7

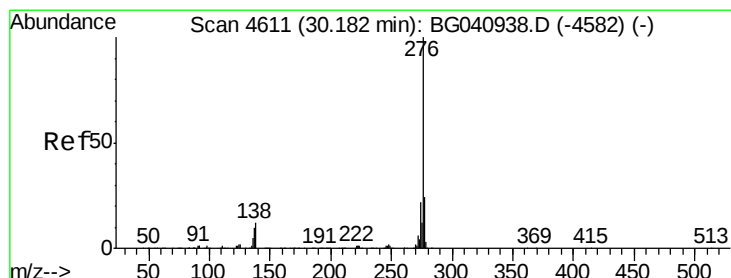
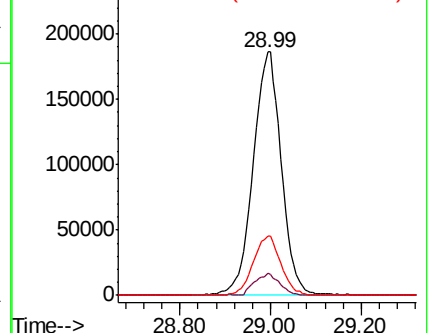
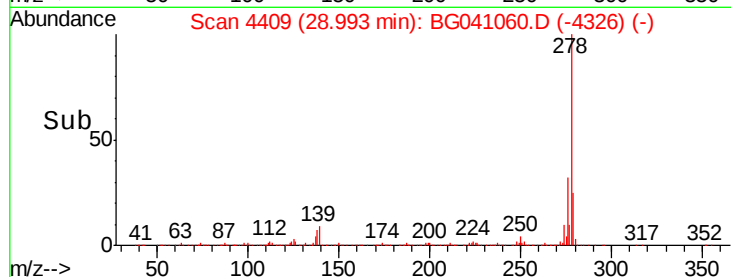
279 24.6 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.787 ng

RT: 30.14 min Scan# 4604

Delta R.T. -0.04 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

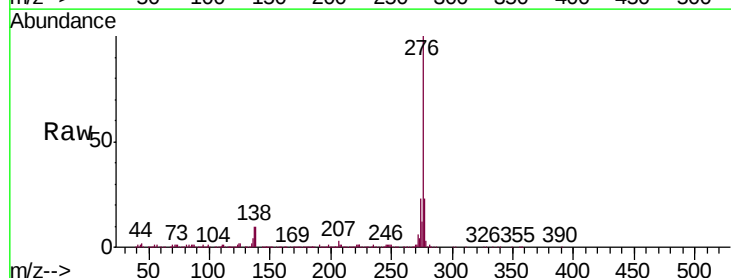
Tgt Ion: 276 Resp: 805638

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.0

138 10.3 9.7 14.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

