

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
 Data File : BG040708.D
 Acq On : 2 May 2019 15:50
 Operator : JU/SJ
 Sample : PB119403BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119403BS

Quant Time: May 03 04:22:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	41314	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	179740	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	135056	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	385897	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	422110	20.00	ng	-0.02
87) Perylene-d12	25.16	264	379551	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	353092	150.66	ng	0.00
7) Phenol-d6	7.29	99	505376	140.05	ng	0.00
23) Nitrobenzene-d5	9.32	82	305951	78.65	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	284018	153.00	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	678275	72.53	ng	-0.02
79) Terphenyl-d14	20.11	244	1447069	75.95	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	59780	56.085	ng	96
3) Pyridine	3.95	79	101974	33.007	ng	94
4) n-Nitrosodimethylamine	3.87	42	66431	38.766	ng	98
6) Aniline	7.47	93	145592	30.439	ng	95
8) 2-Chlorophenol	7.70	128	125947	44.010	ng	93
9) Benzaldehyde	7.29	77	137846	85.762	ng	95
10) Phenol	7.31	94	181002	46.661	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	114783	39.460	ng	100
12) 1,3-Dichlorobenzene	8.03	146	125924	40.314	ng	95
13) 1,4-Dichlorobenzene	8.18	146	131669	41.582	ng	98
14) 1,2-Dichlorobenzene	8.50	146	126490	41.422	ng	95
15) Benzyl Alcohol	8.38	79	154890	41.251	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	202744	35.008	ng	99
17) 2-Methylphenol	8.58	107	123211	44.882	ng	97
18) Hexachloroethane	9.24	117	49143	37.834	ng	95
19) n-Nitroso-di-n-propylamine	8.95	70	118714	36.545	ng	# 97
20) 3+4-Methylphenols	8.90	107	170937	44.698	ng	98
22) Acetophenone	8.98	105	211615	42.339	ng	# 93
24) Nitrobenzene	9.37	77	180453	43.479	ng	94
25) Isophorone	9.88	82	334332	38.585	ng	99
26) 2-Nitrophenol	10.08	139	71375	47.976	ng	94
27) 2,4-Dimethylphenol	10.12	122	139987	50.150	ng	99
28) bis(2-Chloroethoxy)methane	10.36	93	170489	39.217	ng	98
29) 2,4-Dichlorophenol	10.60	162	151429	47.718	ng	96
30) 1,2,4-Trichlorobenzene	10.83	180	150551	42.781	ng	98
31) Naphthalene	11.02	128	399021	41.787	ng	99
32) Benzoic acid	10.23	122	102113	53.437	ng	91
33) 4-Chloroaniline	11.13	127	117855	27.837	ng	94
34) Hexachlorobutadiene	11.29	225	108122	41.616	ng	98
35) Caprolactam	11.90	113	55485	44.285	ng	99
36) 4-Chloro-3-methylphenol	12.23	107	186879	46.681	ng	99
37) 2-Methylnaphthalene	12.61	142	305597	42.803	ng	98
38) 1-Methylnaphthalene	12.83	142	288764	41.379	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	209803	41.701	ng	98

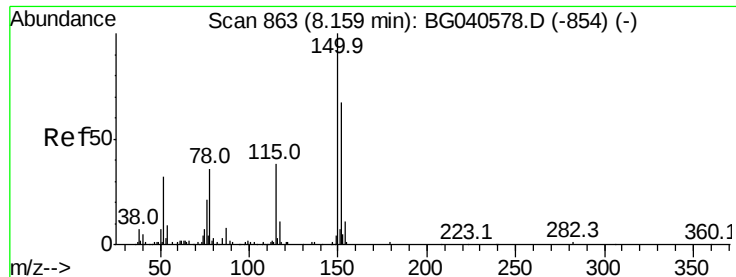
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
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 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	225292	75.887	nq	98
43) 2,4,6-Trichlorophenol	13.21	196	146274	48.110	nq	98
44) 2,4,5-Trichlorophenol	13.28	196	161585	48.787	nq	99
46) 1,1'-Biphenyl	13.61	154	416384	39.709	nq	95
47) 2-Chloronaphthalene	13.66	162	340088	41.443	nq	98
48) 2-Nitroaniline	13.86	65	145786	49.908	nq	98
49) Acenaphthylene	14.51	152	561683	40.343	nq	100
50) Dimethylphthalate	14.22	163	490326	43.392	nq	98
51) 2,6-Dinitrotoluene	14.35	165	109245	49.536	nq	95
52) Acenaphthene	14.84	154	325567	40.154	nq	96
53) 3-Nitroaniline	14.68	138	85756	37.951	nq	# 97
54) 2,4-Dinitrophenol	14.88	184	116700	92.612	nq	# 84
55) Dibenzofuran	15.18	168	571055	43.000	nq	99
56) 4-Nitrophenol	14.97	139	191766	97.871	nq	99
57) 2,4-Dinitrotoluene	15.13	165	165794	55.324	nq	91
58) Fluorene	15.82	166	456439	42.523	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	172645	51.789	nq	99
60) Diethylphthalate	15.58	149	526284	44.143	nq	99
61) 4-Chlorophenyl-phenylether	15.80	204	279749	44.810	nq	98
62) 4-Nitroaniline	15.85	138	123172	48.729	nq	90
63) Azobenzene	16.10	77	508312	41.400	nq	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	86303	45.775	nq	89
66) n-Nitrosodiphenylamine	16.02	169	438217	38.598	nq	99
67) 4-Bromophenyl-phenylether	16.70	248	190287	39.579	nq	96
68) Hexachlorobenzene	16.81	284	197176	39.663	nq	97
69) Atrazine	16.96	200	194574	43.256	nq	98
70) Pentachlorophenol	17.16	266	262670	90.296	nq	96
71) Phenanthrene	17.56	178	841528	40.486	nq	99
72) Anthracene	17.66	178	856073	40.975	nq	99
73) Carbazole	17.93	167	768507	40.373	nq	99
74) Di-n-butylphthalate	18.46	149	937945	40.825	nq	99
75) Fluoranthene	19.57	202	1118992	43.201	nq	98
77) Benzidine	19.74	184	349214	30.215	nq	99
78) Pyrene	19.92	202	1098552	41.524	nq	98
80) Butylbenzylphthalate	20.79	149	422458	40.970	nq	97
81) Benzo(a)anthracene	21.79	228	1044290	39.145	nq	99
82) 3,3'-Dichlorobenzidine	21.70	252	299438	31.491	nq	96
83) Chrysene	21.85	228	1029034	40.559	nq	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	585442	39.332	nq	98
85) Di-n-octyl phthalate	22.92	149	1000927	39.929	nq	98
86) Indeno(1,2,3-cd)pyrene	29.02	276	1203230	39.225	nq	96
88) Benzo(b)fluoranthene	24.09	252	1080604	46.590	nq	99
89) Benzo(k)fluoranthene	24.15	252	1023273	47.241	nq	99
90) Benzo(a)pyrene	25.01	252	1042520	47.485	nq	98
91) Dibenzo(a,h)anthracene	29.10	278	974919	43.880	nq	97
92) Benzo(g,h,i)perylene	30.24	276	986496	44.614	nq	98

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

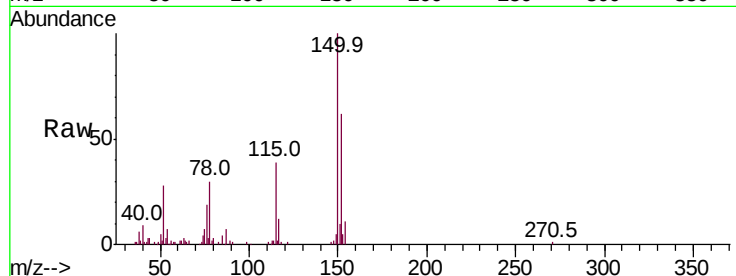


#1

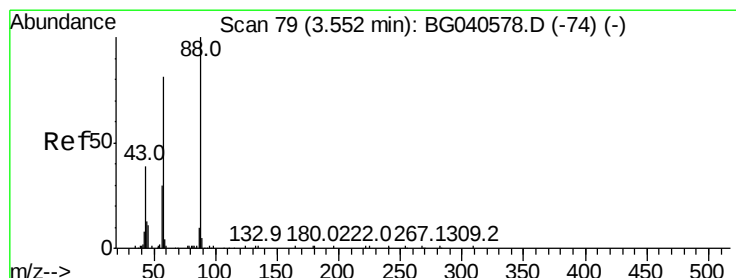
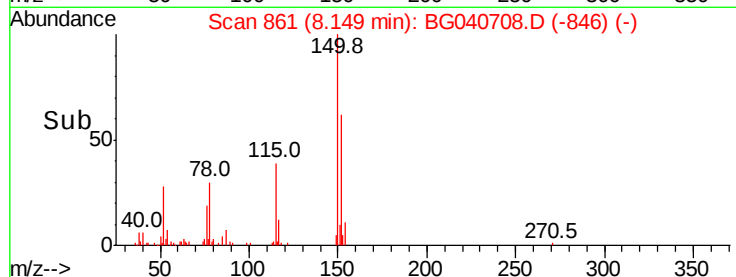
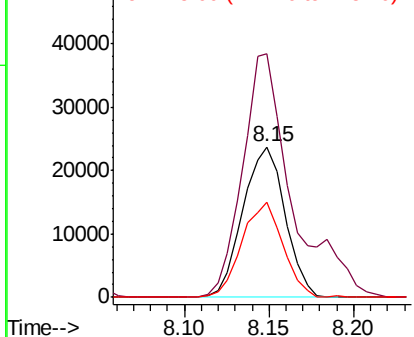
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

Instrument :
BNA_G
ClientSampleId :
PB119403BS

Tot Ion:152 Resp: 41314
Ion Ratio Lower Upper
152 100
150 161.5 120.2 180.2
115 63.1 46.2 69.2



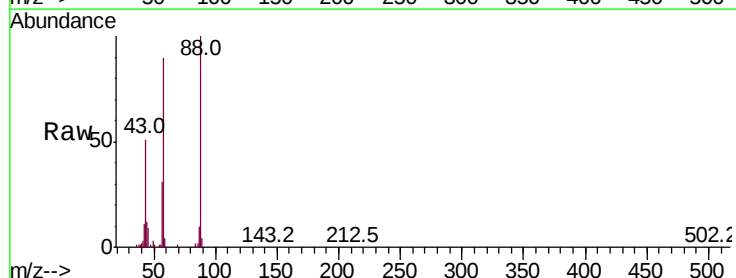
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



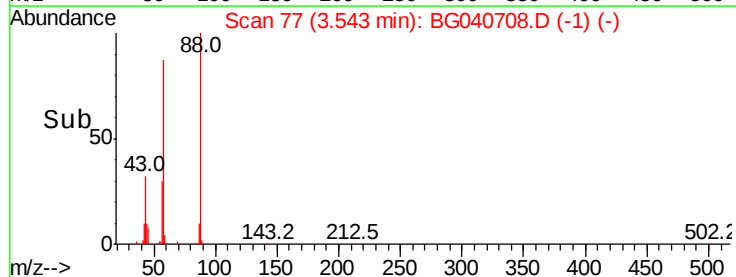
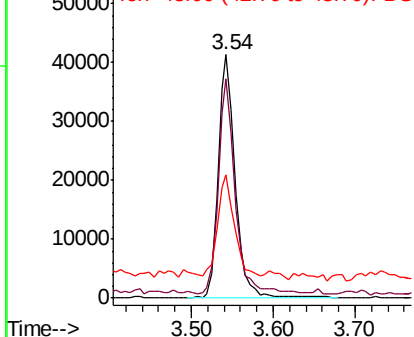
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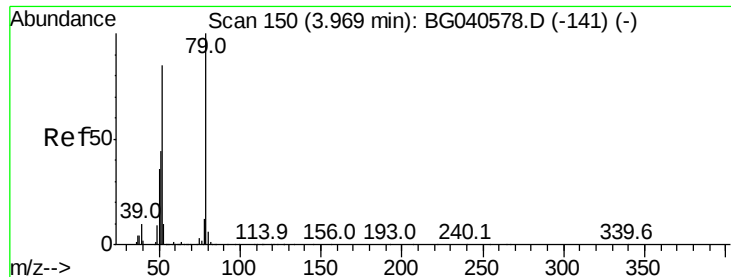
1,4-Dioxane
Concen: 56.085 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

Tgt Ion: 88 Resp: 59780
Ion Ratio Lower Upper
88 100
58 86.7 71.2 106.8
43 40.5 35.6 53.4



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





#3

Pvridine

Concen: 33.007 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

BNA_G

ClientSampleId :

PB119403BS

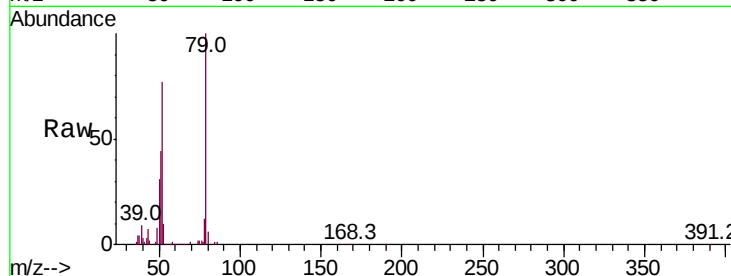
Tot Ion: 79 Resp: 101974

Ion Ratio Lower Upper

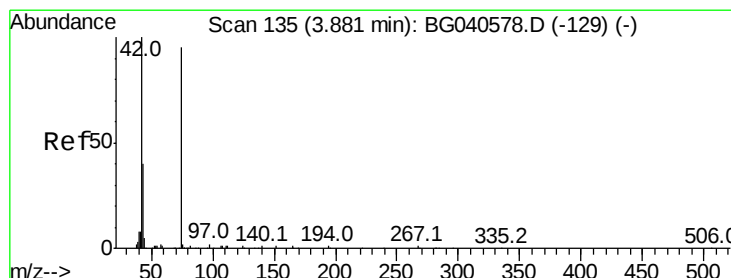
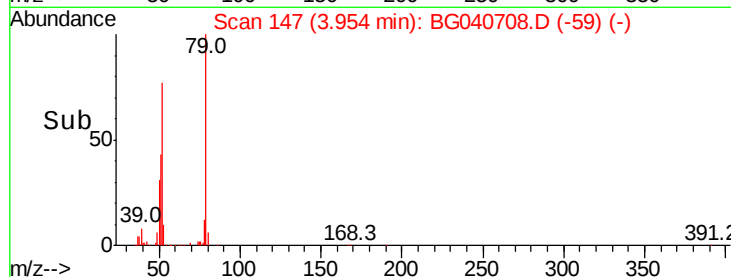
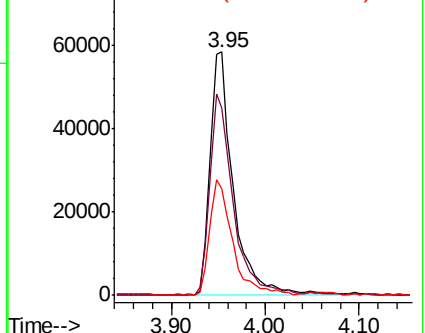
79 100

52 76.8 67.5 101.3

51 43.8 35.6 53.4



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: 38.766 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

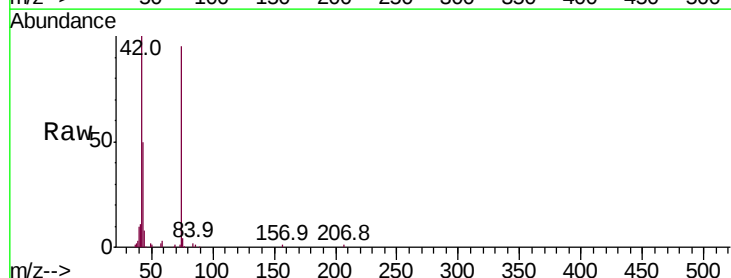
Tgt Ion: 42 Resp: 66431

Ion Ratio Lower Upper

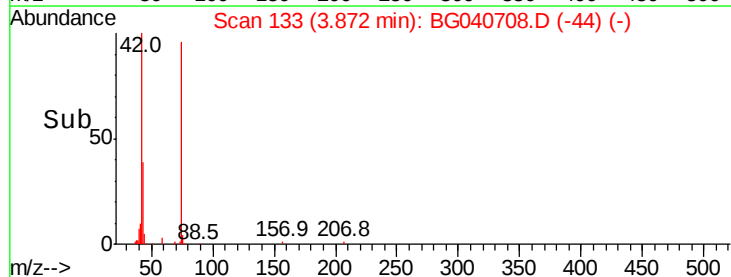
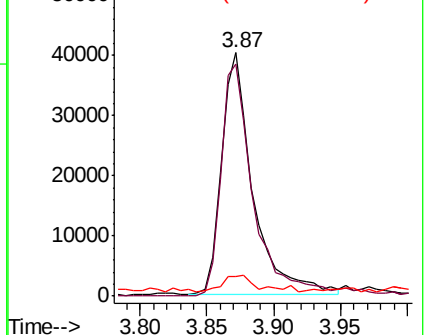
42 100

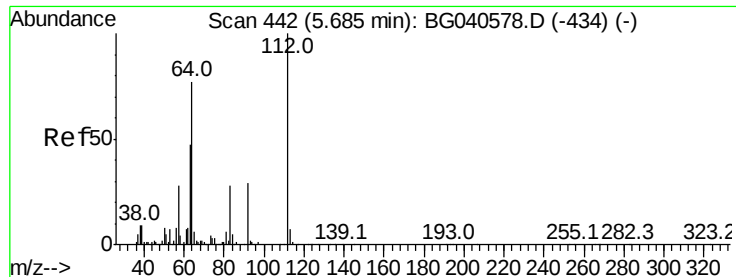
74 95.4 74.6 111.8

44 7.8 7.4 11.0



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: 150.656 ng

RT: 5.68 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

BNA_G

ClientSampleId :

PB119403BS

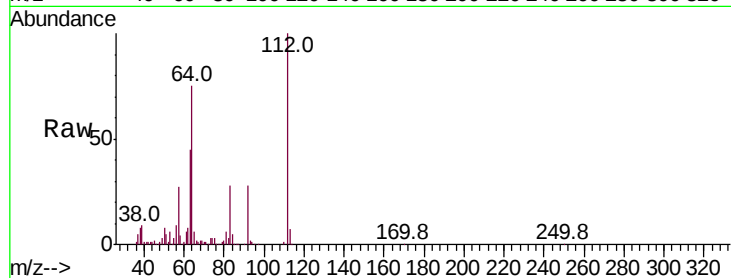
Tot Ion:112 Resp: 353092

Ion Ratio Lower Upper

112 100

64 74.8 61.4 92.0

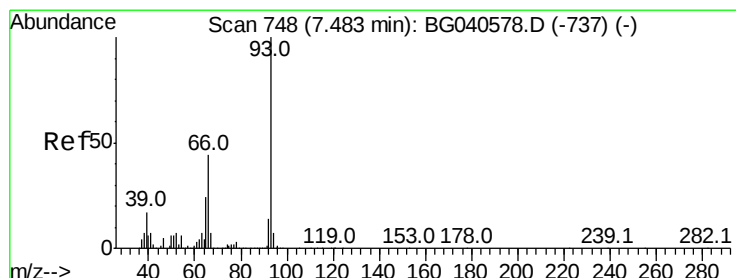
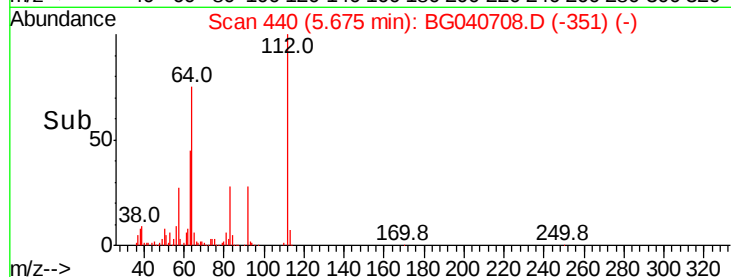
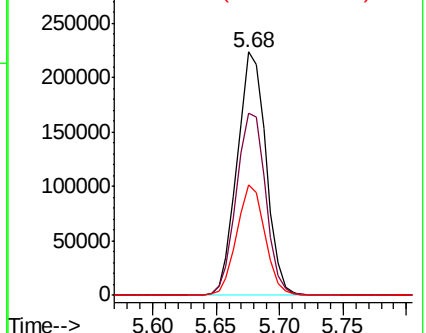
63 45.2 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.439 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

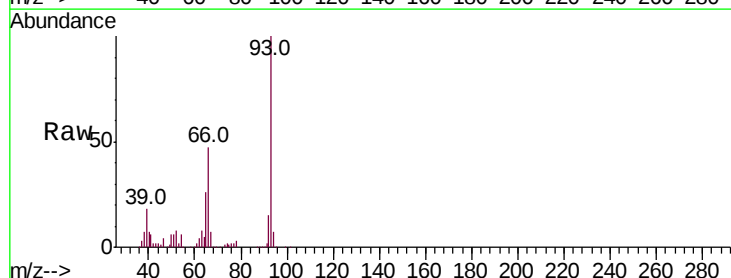
Tgt Ion: 93 Resp: 145592

Ion Ratio Lower Upper

93 100

66 47.3 35.5 53.3

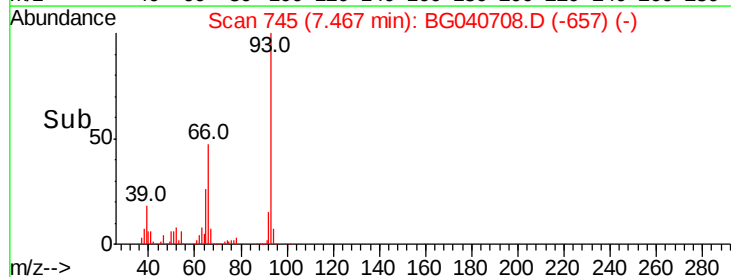
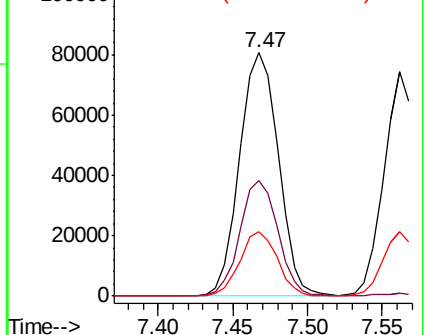
65 26.5 19.2 28.8

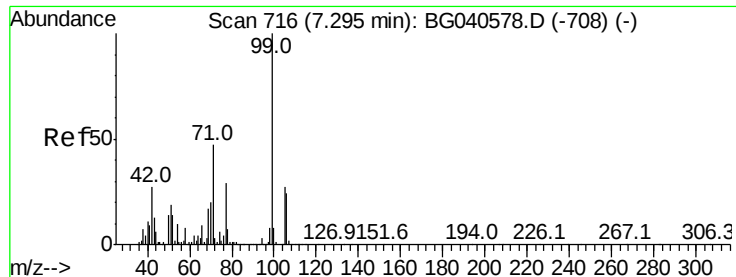


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 140.046 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

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ClientSampleId :

PB119403BS

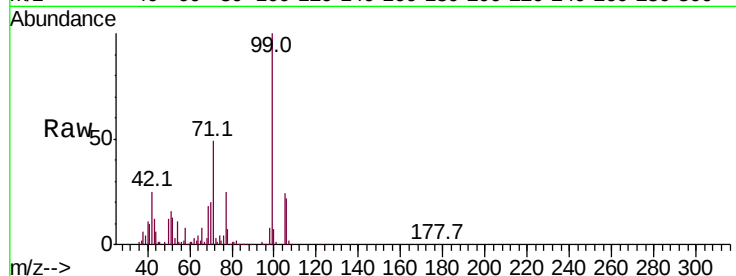
Tot Ion: 99 Resp: 505376

Ion Ratio Lower Upper

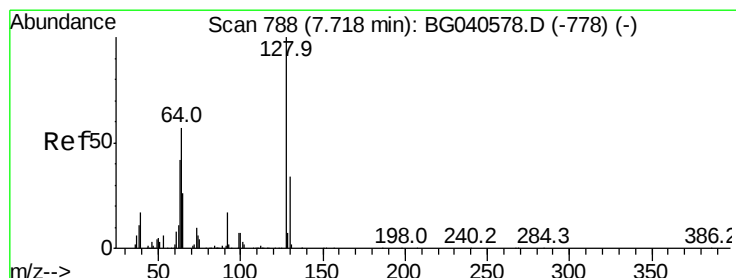
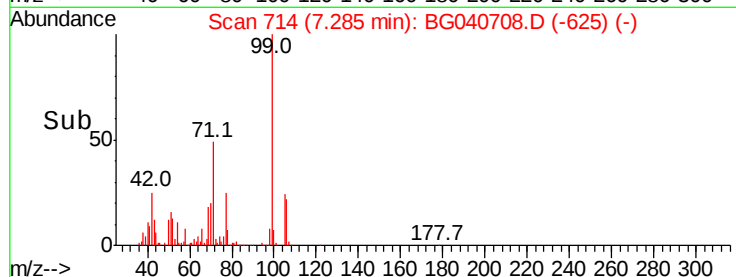
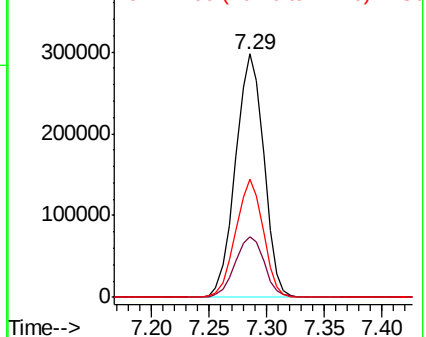
99 100

42 25.0 21.8 32.8

71 48.7 38.6 57.8



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: 44.010 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

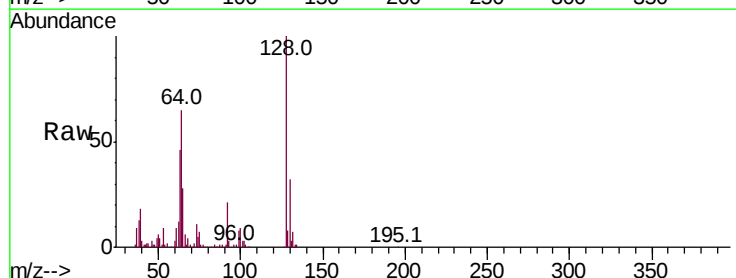
Tgt Ion: 128 Resp: 125947

Ion Ratio Lower Upper

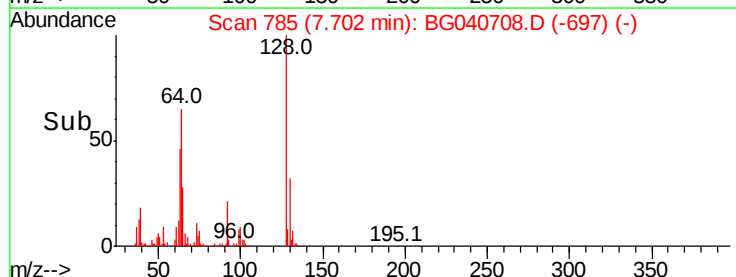
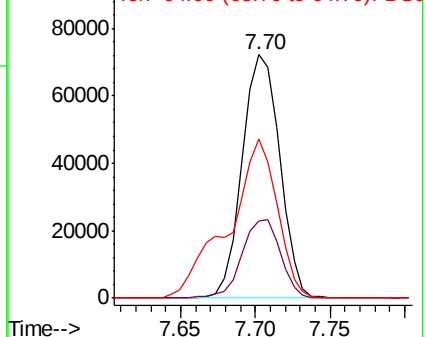
128 100

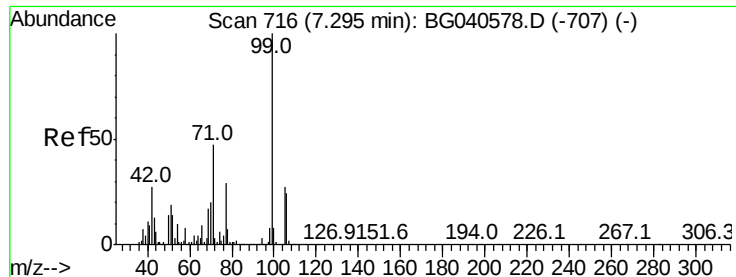
130 31.9 14.5 54.5

64 65.2 38.4 78.4



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: 85.762 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

BNA_G

ClientSampleId :

PB119403BS

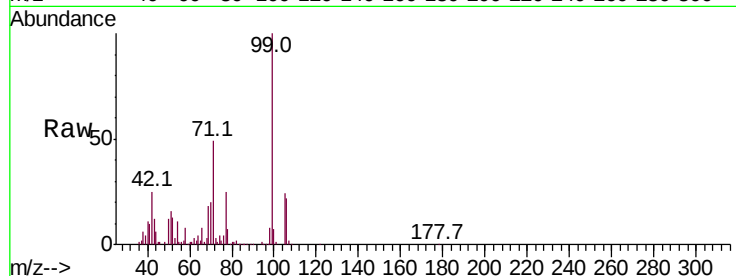
Tot Ion: 77 Resp: 137846

Ion Ratio Lower Upper

77 100

105 95.2 72.0 112.0

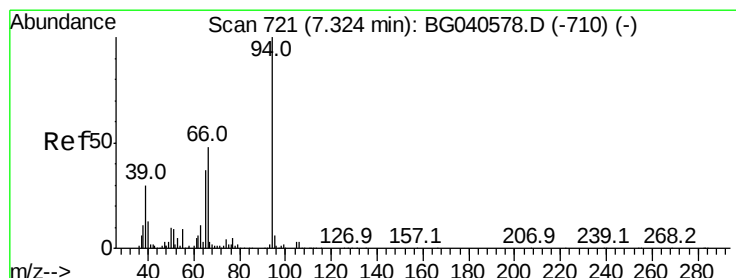
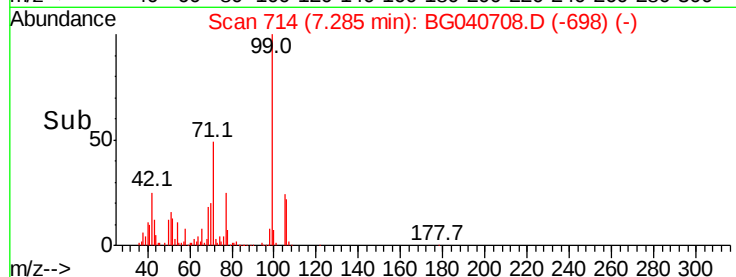
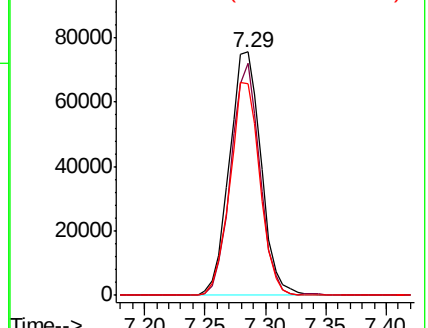
106 86.7 61.2 101.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.661 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

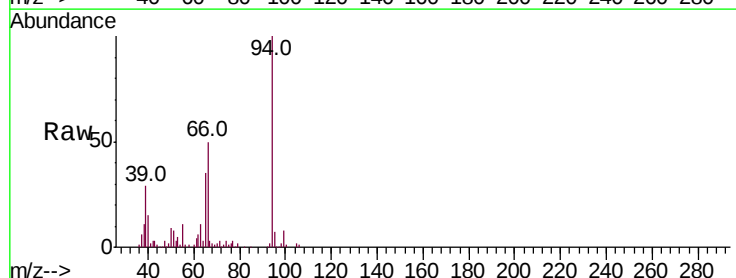
Tgt Ion: 94 Resp: 181002

Ion Ratio Lower Upper

94 100

65 34.9 17.0 57.0

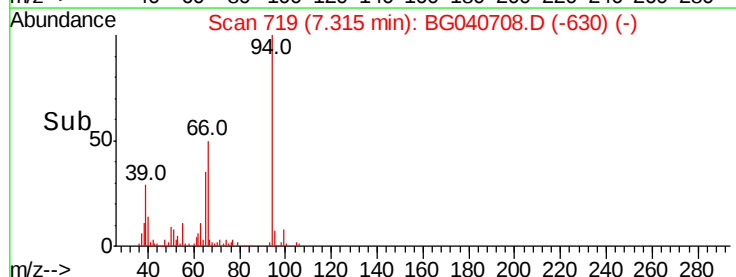
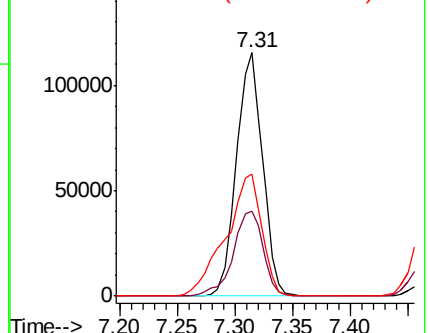
66 50.2 28.6 68.6

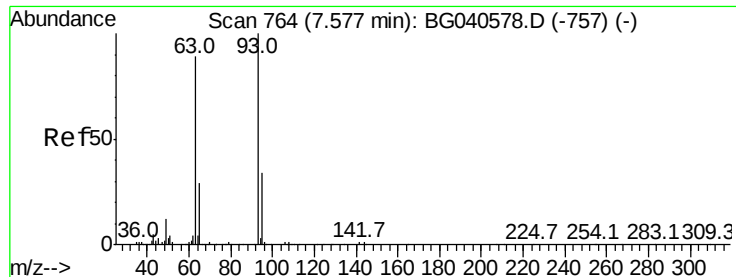


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

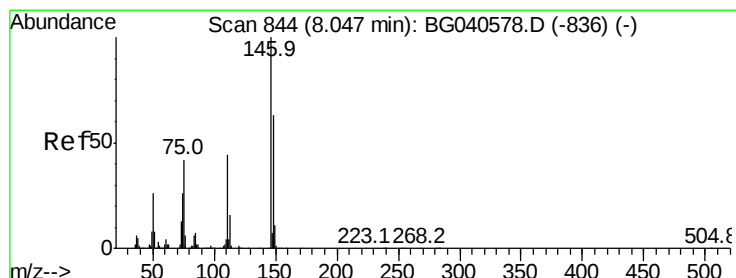
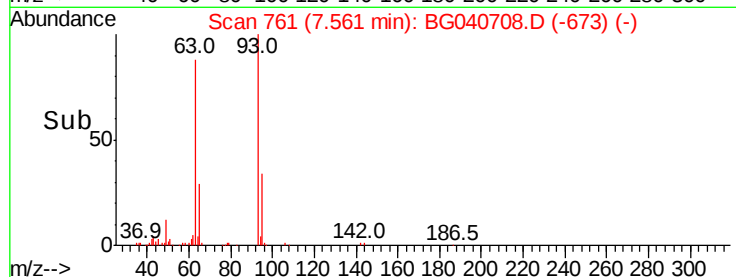
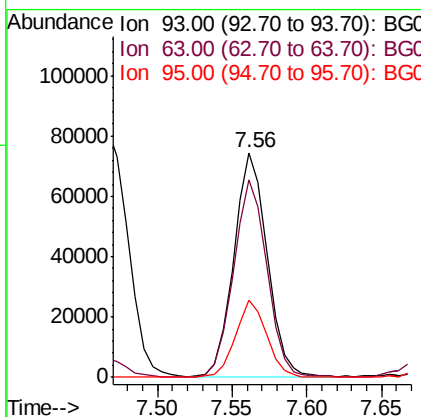
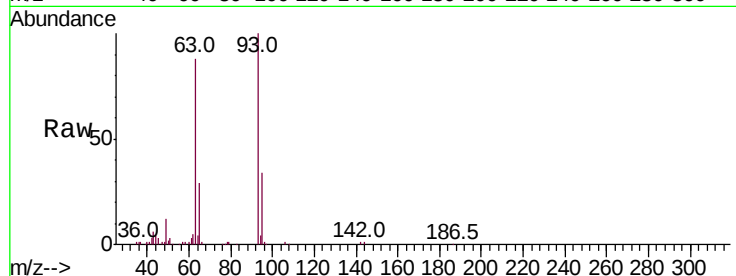




#11
bis(2-Chloroethyl)ether
Concen: 39.460 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

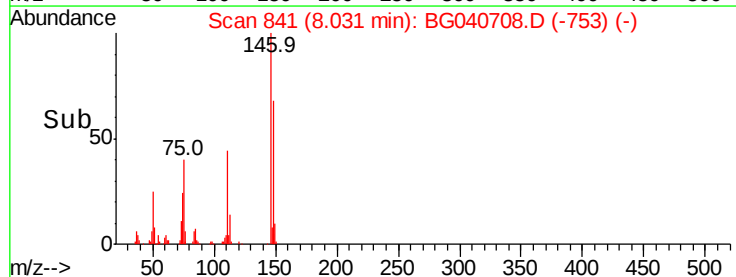
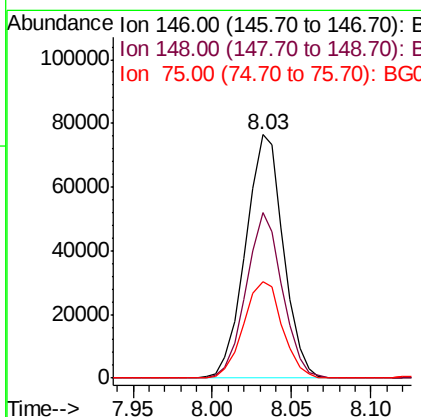
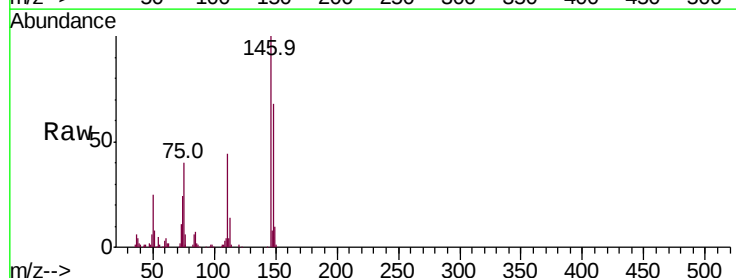
Instrument :
BNA_G
ClientSampleId :
PB119403BS

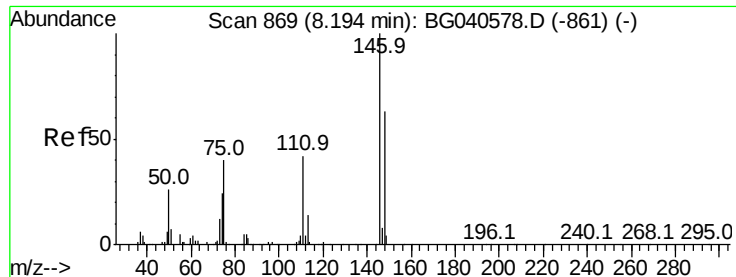
Tot Ion: 93 Resp: 114783
Ion Ratio Lower Upper
93 100
63 88.1 68.2 108.2
95 34.2 14.3 54.3



#12
1,3-Dichlorobenzene
Concen: 40.314 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

Tgt Ion: 146 Resp: 125924
Ion Ratio Lower Upper
146 100
148 68.0 50.7 76.1
75 39.7 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 41.582 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

BNA_G

ClientSampleId :

PB119403BS

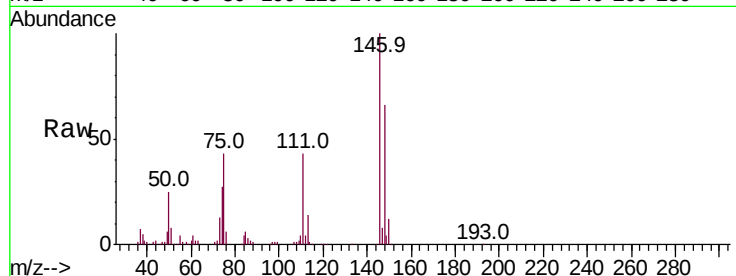
Tot Ion:146 Resp: 131669

Ion Ratio Lower Upper

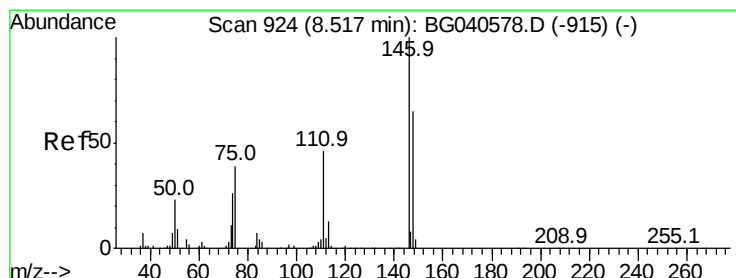
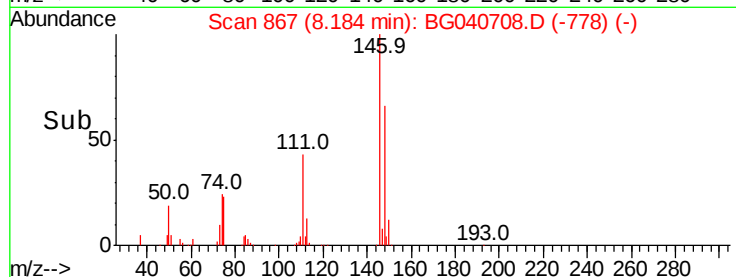
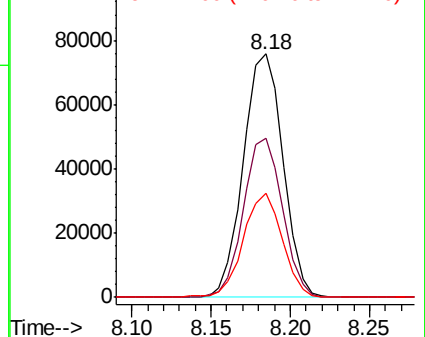
146 100

148 65.6 50.6 75.8

111 42.9 34.3 51.5



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



#14

1,2-Dichlorobenzene

Concen: 41.422 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

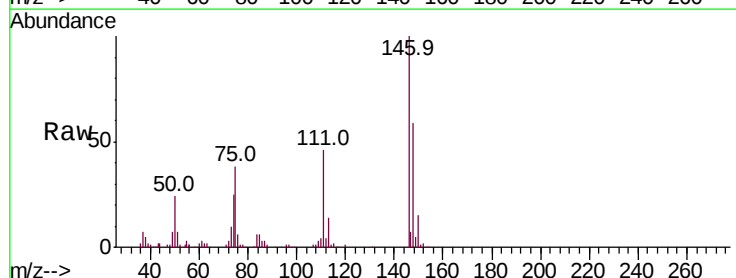
Tgt Ion:146 Resp: 126490

Ion Ratio Lower Upper

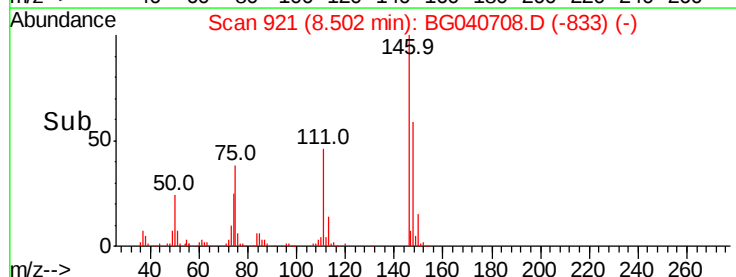
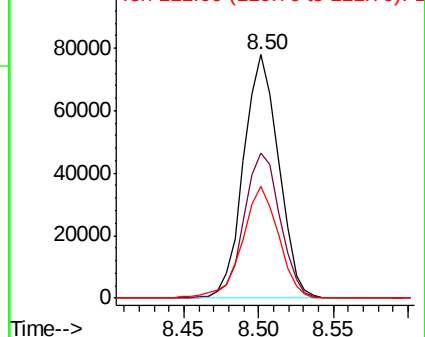
146 100

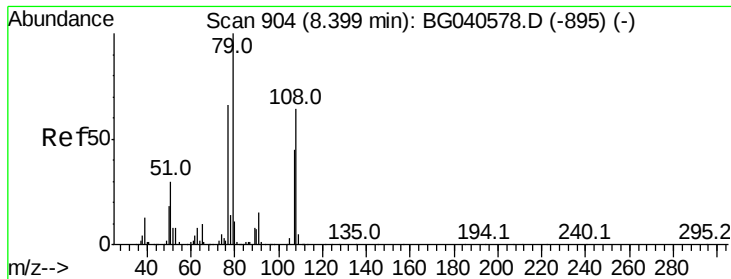
148 59.4 52.2 78.4

111 45.7 37.4 56.0



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





#15

Benzyl Alcohol

Concen: 41.251 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

BNA_G

ClientSampleId :

PB119403BS

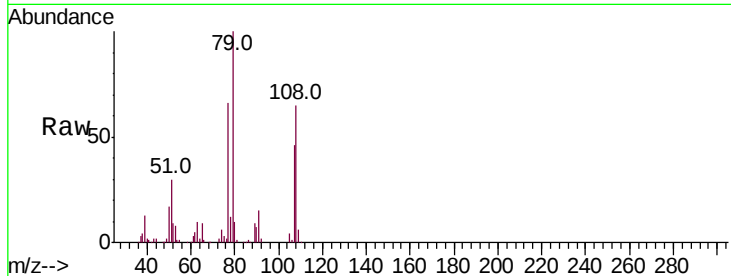
Tot Ion: 79 Resp: 154890

Ion Ratio Lower Upper

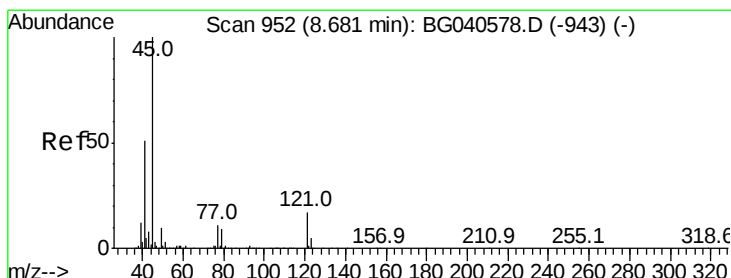
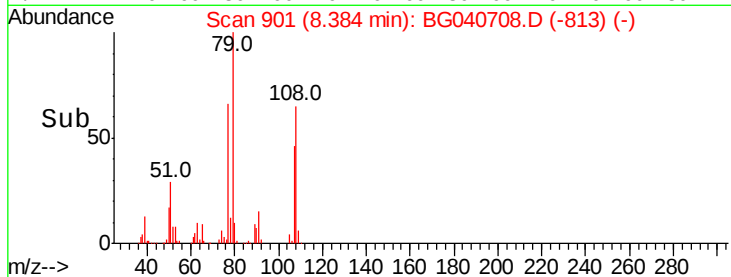
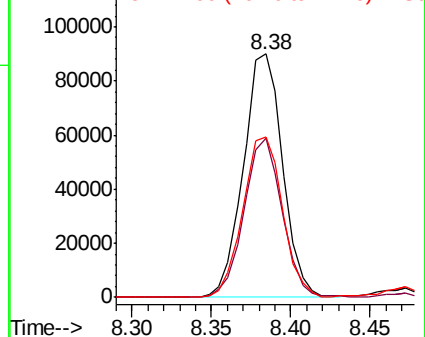
79 100

108 65.2 51.4 77.0

77 65.8 52.6 79.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.008 ng

RT: 8.67 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

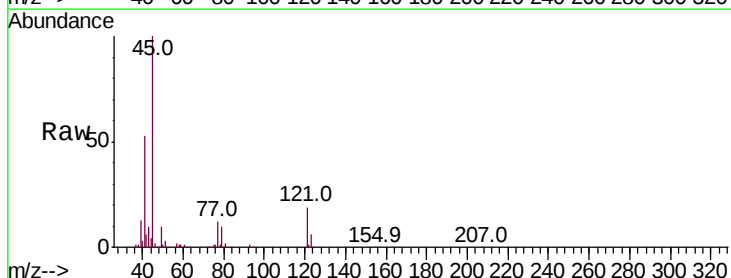
Tgt Ion: 45 Resp: 202744

Ion Ratio Lower Upper

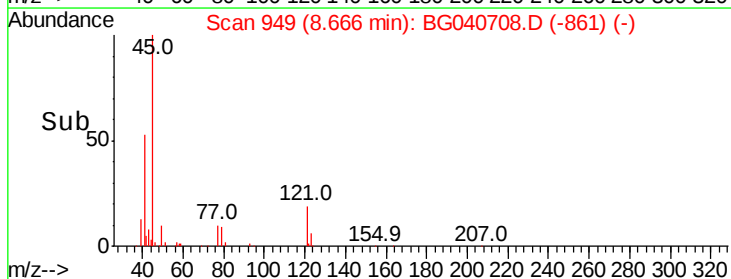
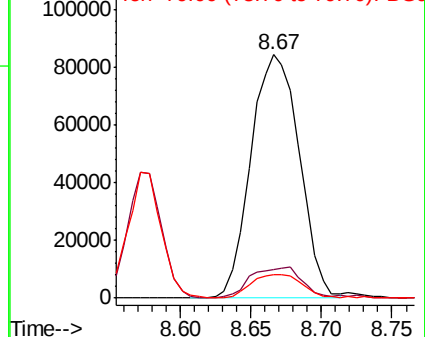
45 100

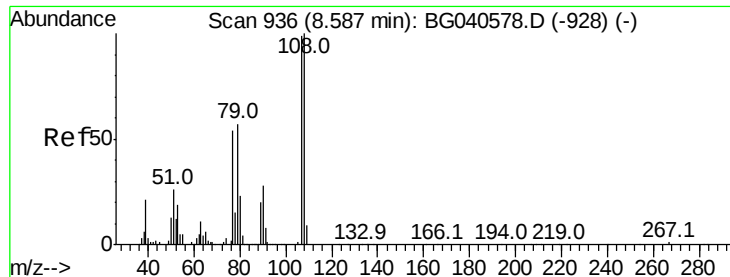
77 11.7 0.0 31.5

79 9.6 0.0 29.4



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

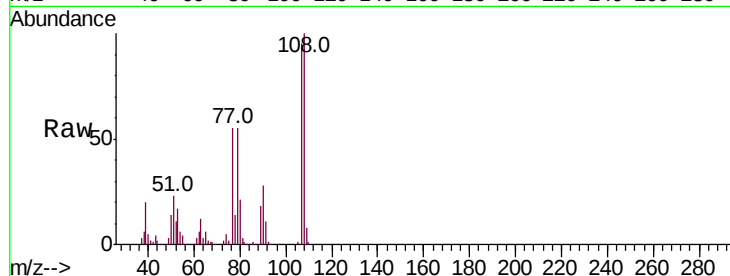




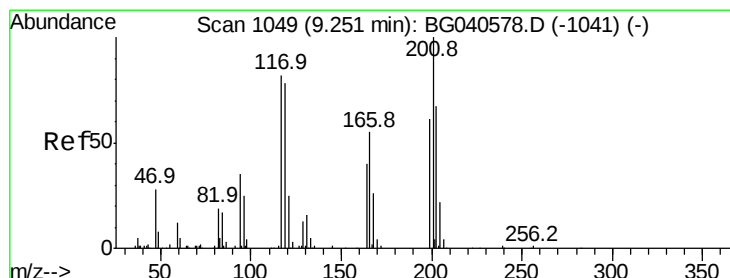
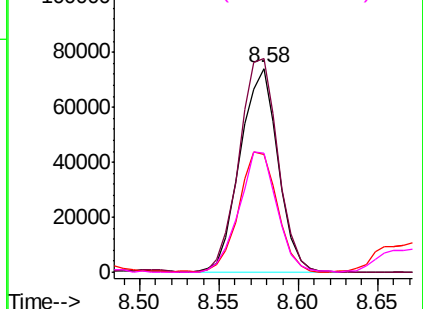
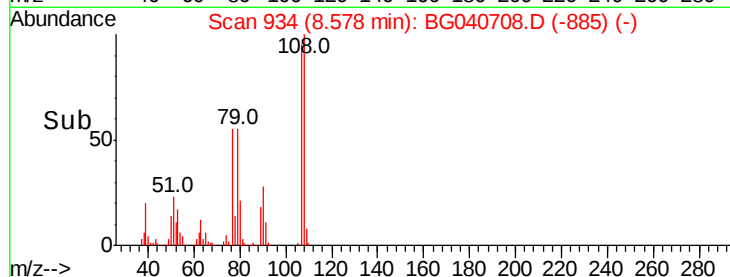
#17
2-Methylphenol
Concen: 44.882 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

Instrument :
BNA_G
ClientSampleId :
PB119403BS

Tot Ion:	107	Resp:	123211
Ion	Ratio	Lower	Upper
107	100		
108	104.8	81.2	121.8
77	58.1	44.4	66.6
79	58.1	47.0	70.4

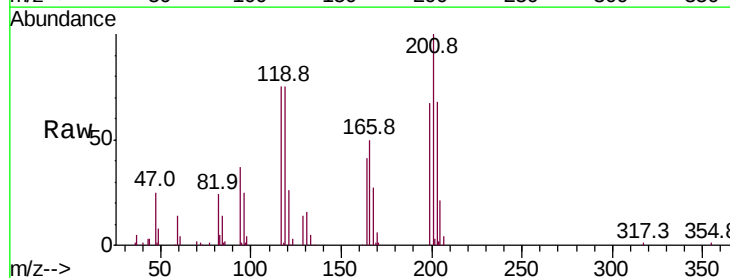


Abundance Ion 107.00 (106.70 to 107.70): E
120000 Ion 108.00 (107.70 to 108.70): E
100000 Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

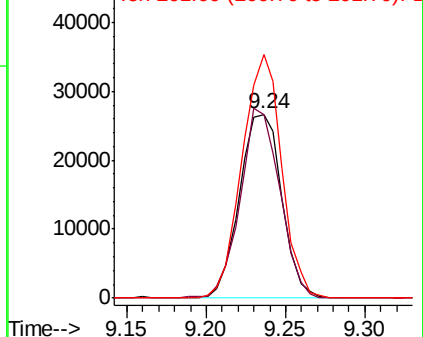
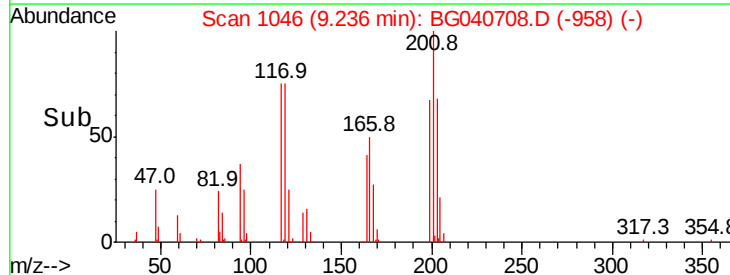


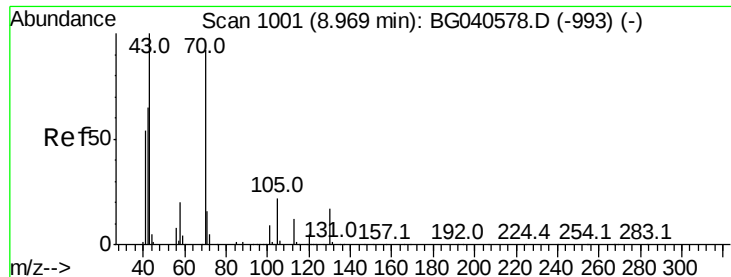
#18
Hexachloroethane
Concen: 37.834 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

Tgt Ion:	117	Resp:	49143
Ion	Ratio	Lower	Upper
117	100		
119	99.6	76.6	114.8
201	132.5	101.0	151.6



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





#19

n-Nitroso-di-n-propylamine

Concen: 36.545 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.02 min

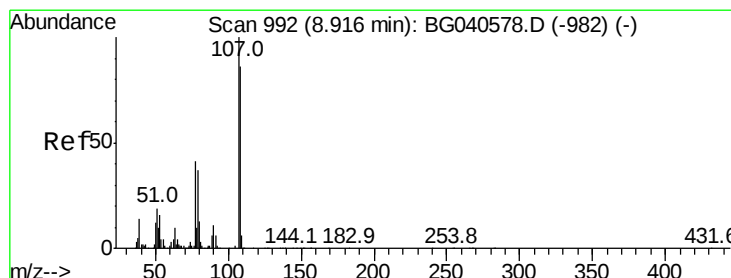
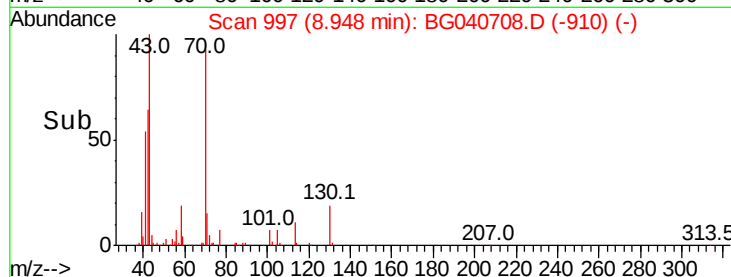
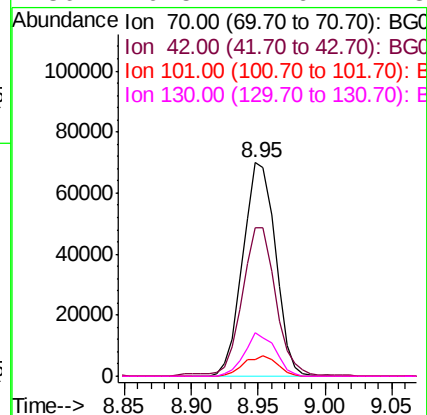
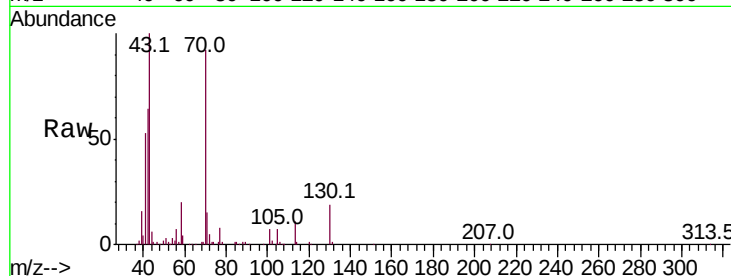
Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :
BNA_G
ClientSampleId :
PB119403BS

Tot Ion: 70 Resp: 118714

Ion	Ratio	Lower	Upper
70	100		
42	69.4	57.1	85.7
101	7.7	7.8	11.8#
130	20.5	14.6	21.8



#20

3+4-Methylphenols

Concen: 44.698 ng

RT: 8.90 min Scan# 989

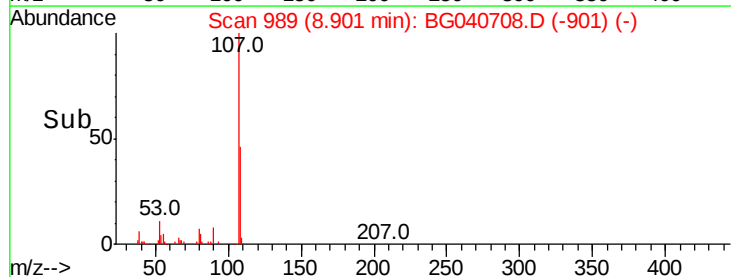
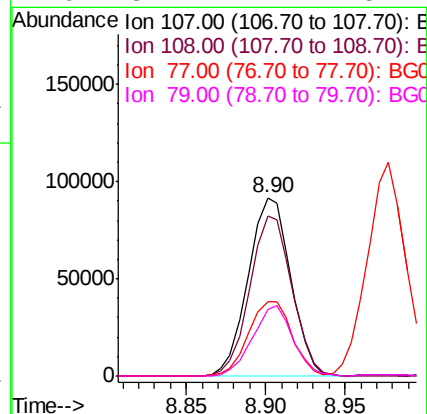
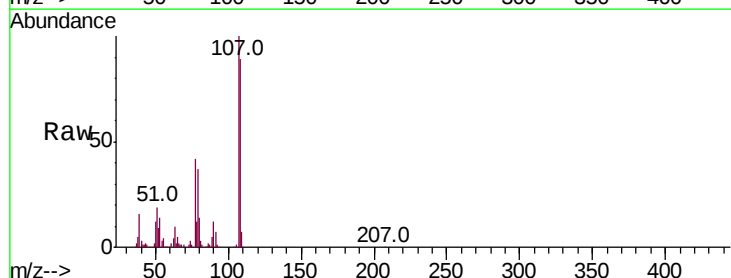
Delta R.T. -0.02 min

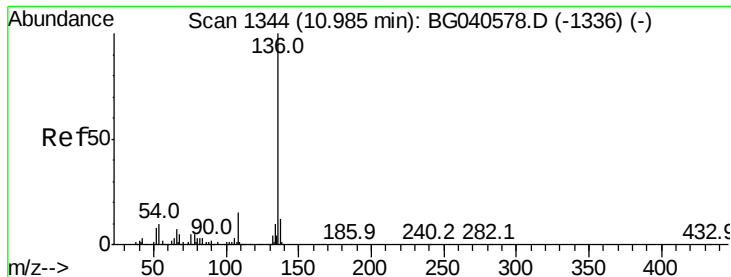
Lab File: BG040708.D

Acq: 2 May 2019 15:50

Tgt Ion: 107 Resp: 170937

Ion	Ratio	Lower	Upper
107	100		
108	89.4	66.1	106.1
77	41.6	21.6	61.6
79	37.4	17.4	57.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

BNA_G

ClientSampleId :

PB119403BS

Tot Ion:136 Resp: 179740

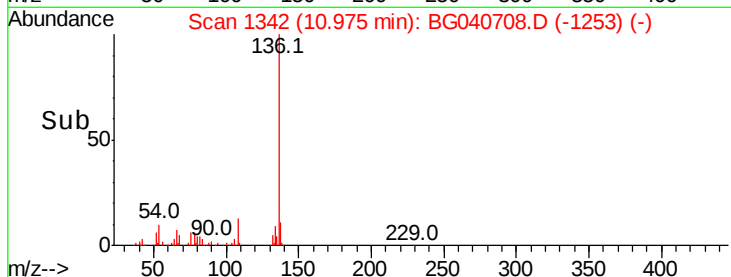
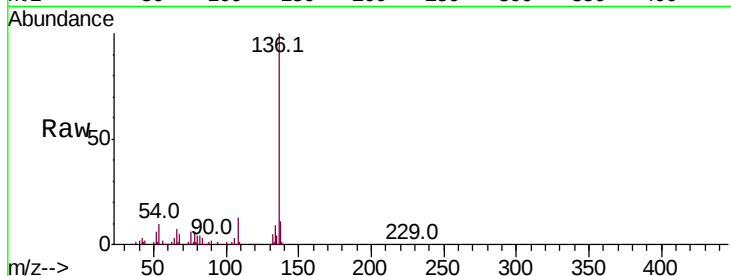
Ion Ratio Lower Upper

136 100

137 10.8 9.7 14.5

54 9.9 8.6 12.8

68 5.1 4.8 7.2



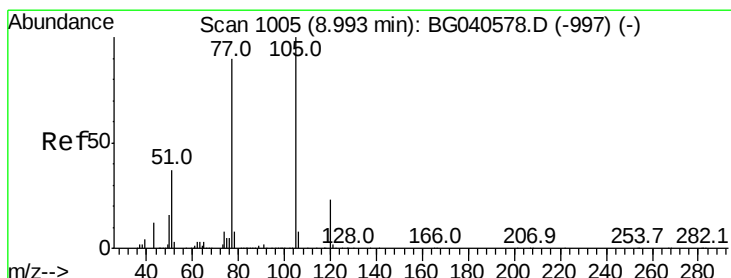
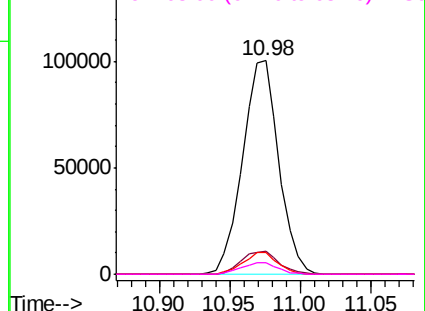
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 42.339 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Tgt Ion:105 Resp: 211615

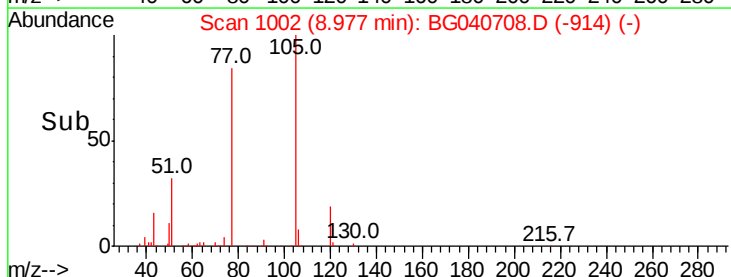
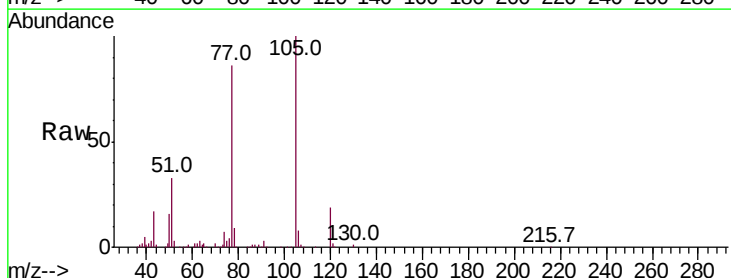
Ion Ratio Lower Upper

105 100

71 0.4 1.8 2.8#

51 33.0 29.8 44.8

120 19.4 18.4 27.6



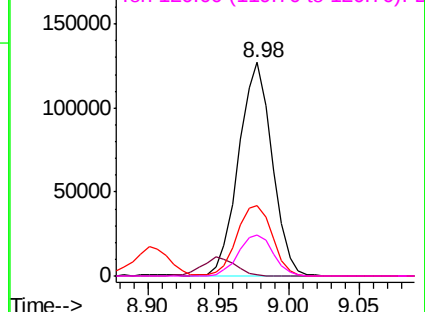
Abundance

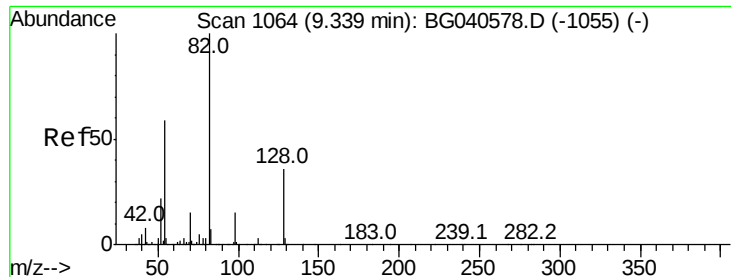
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

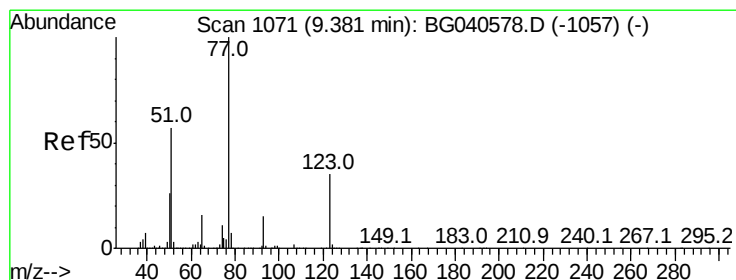
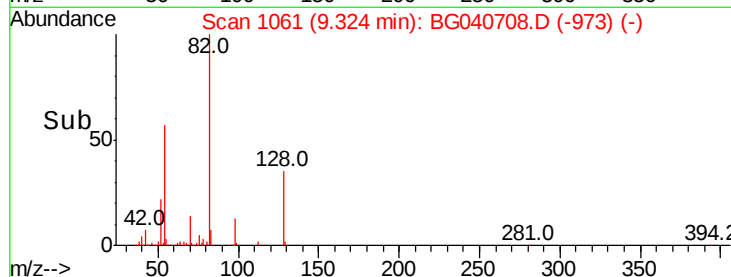
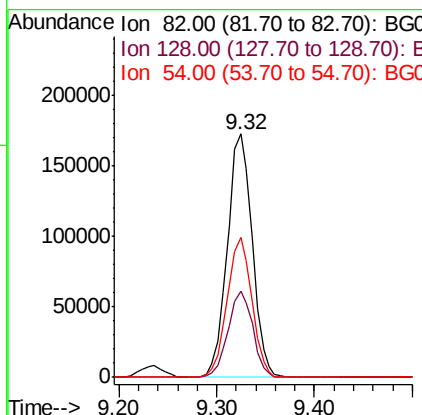
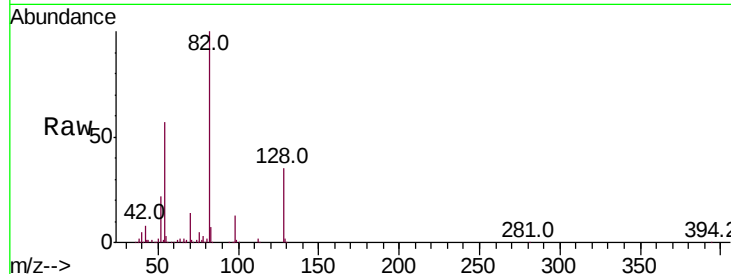




#23
 Nitrobenzene-d5
 Concen: 78.652 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040708.D
 Acq: 2 May 2019 15:50

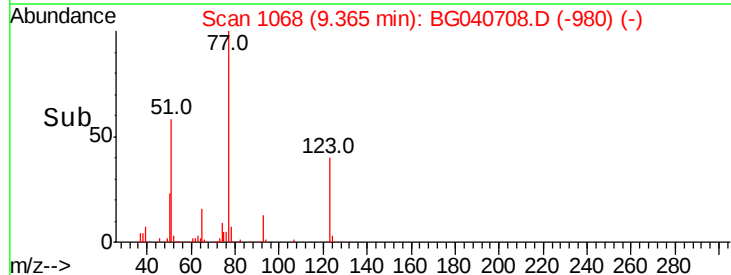
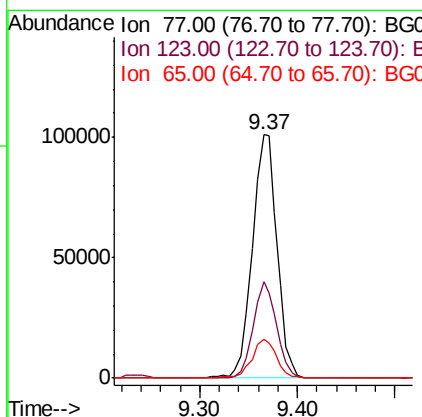
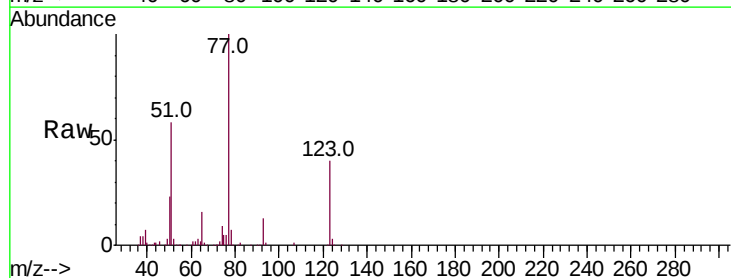
Instrument :
 BNA_G
 ClientSampleId :
 PB119403BS

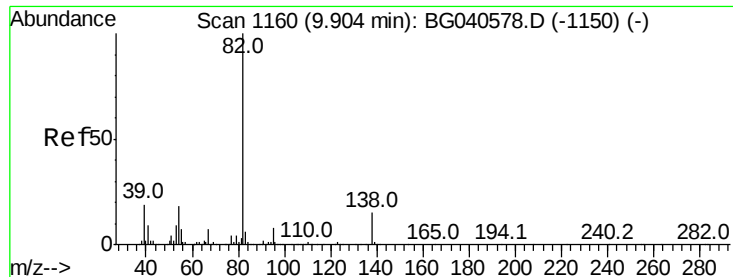
Tot Ion	82	Resp	305951
Ion Ratio	Lower	Upper	
82	100		
128	35.4	28.9	43.3
54	57.5	47.2	70.8



#24
 Nitrobenzene
 Concen: 43.479 ng
 RT: 9.37 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040708.D
 Acq: 2 May 2019 15:50

Tgt Ion	77	Resp	180453
Ion Ratio	Lower	Upper	
77	100		
123	39.6	27.8	41.6
65	15.9	12.4	18.6





#25

Isophorone

Concen: 38.585 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

BNA_G

ClientSampleId :

PB119403BS

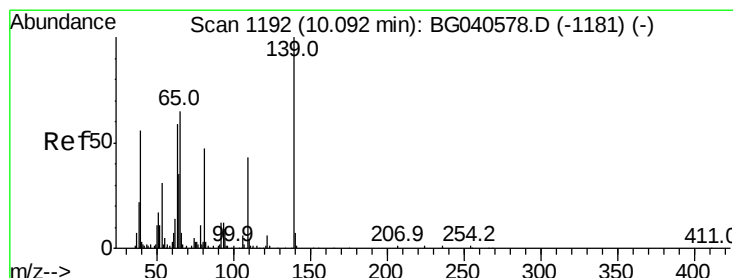
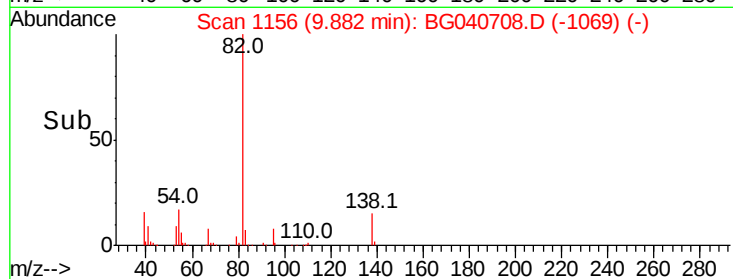
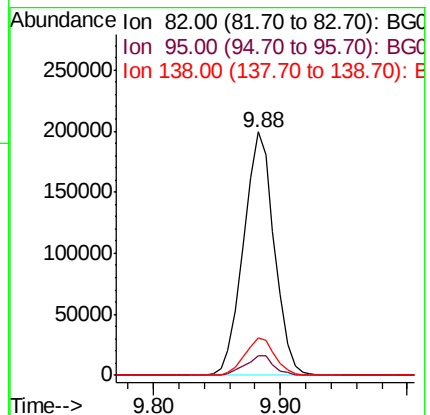
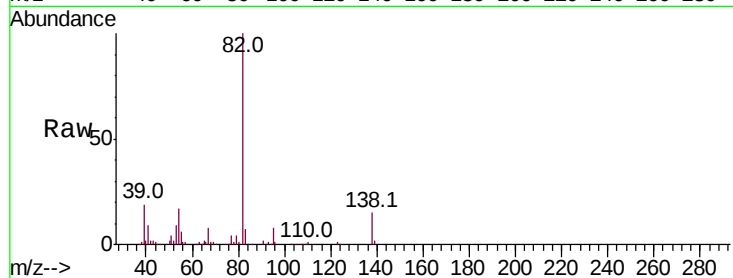
Tot Ion: 82 Resp: 334332

Ion Ratio Lower Upper

82 100

95 8.1 6.9 10.3

138 15.3 12.3 18.5



#26

2-Nitrophenol

Concen: 47.976 ng

RT: 10.08 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

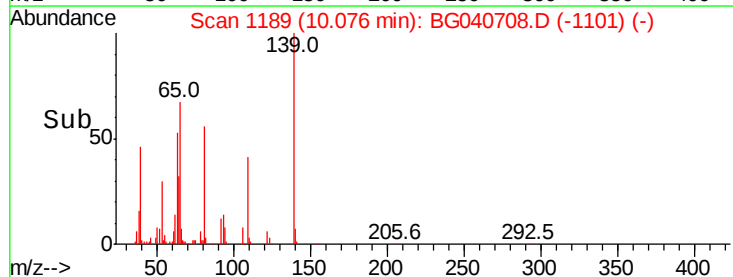
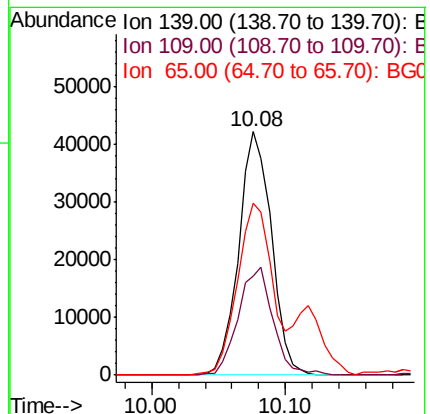
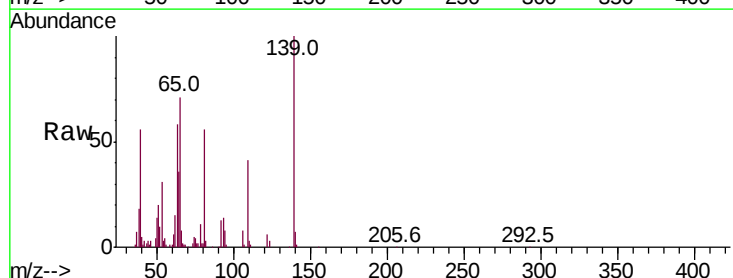
Tgt Ion: 139 Resp: 71375

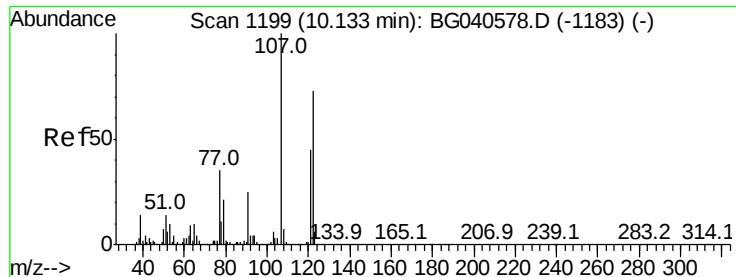
Ion Ratio Lower Upper

139 100

109 40.5 35.6 53.4

65 70.5 52.3 78.5

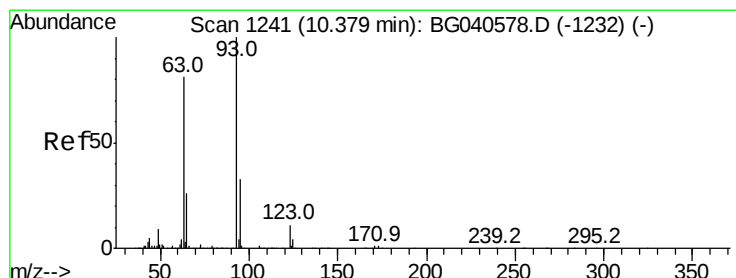
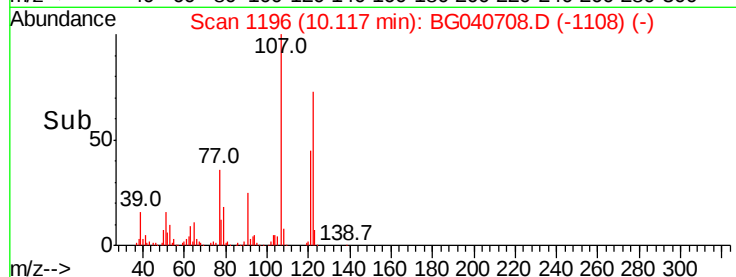
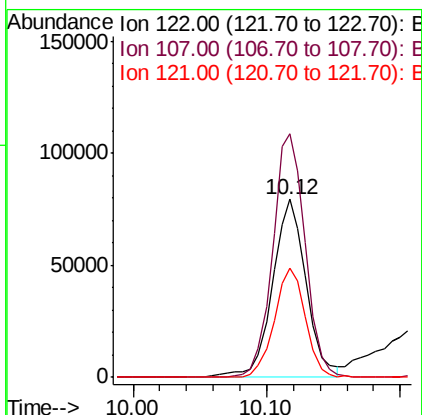
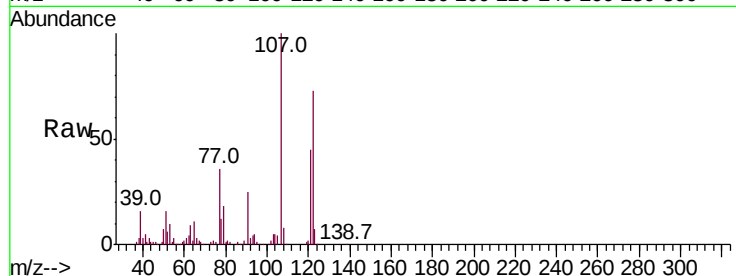




#27
2,4-Dimethylphenol
Concen: 50.150 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

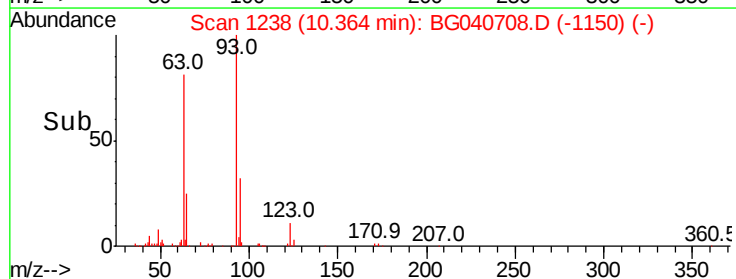
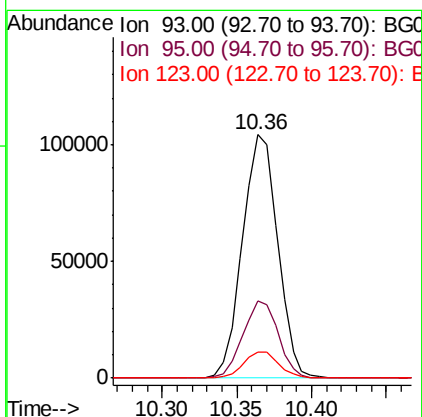
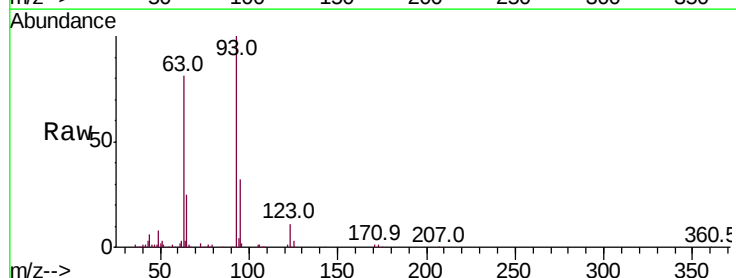
Instrument :
BNA_G
ClientSampleId :
PB119403BS

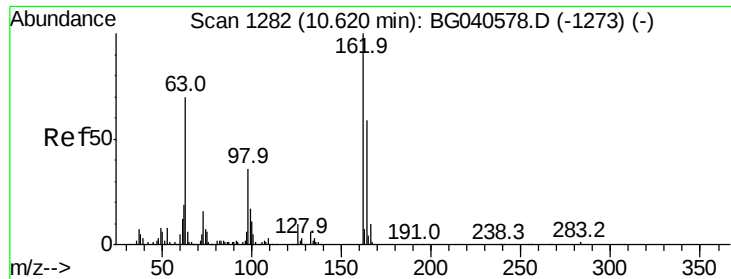
Tot Ion	Ratio	Lower	Upper
122	100		
107	136.6	110.1	165.1
121	61.2	49.4	74.0



#28
bis(2-Chloroethoxy)methane
Concen: 39.217 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.6	40.0
123	10.8	9.0	13.4

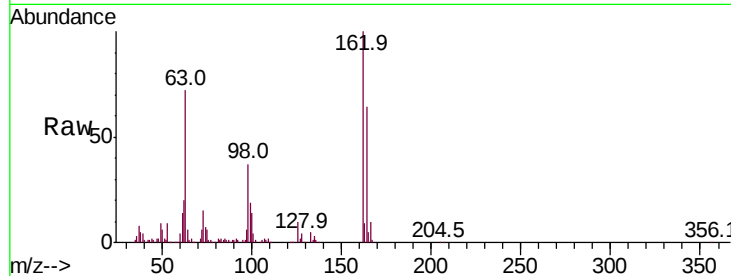




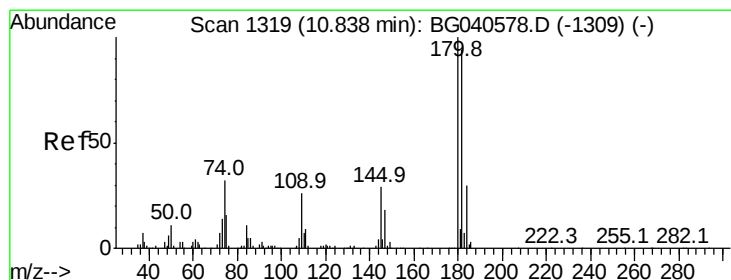
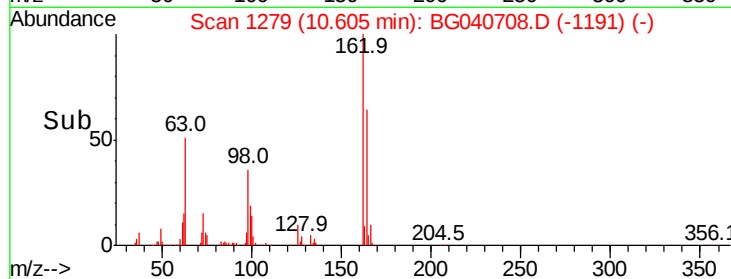
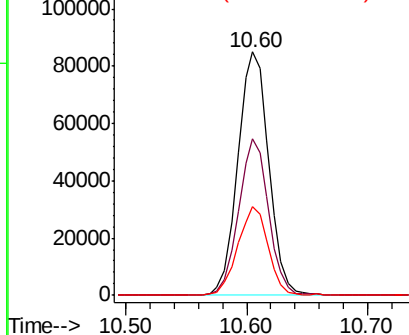
#29
2,4-Dichlorophenol
Concen: 47.718 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

Instrument :
BNA_G
ClientSampleId :
PB119403BS

Tot Ion:162 Resp: 151429
Ion Ratio Lower Upper
162 100
164 64.1 38.9 78.9
98 36.5 16.8 56.8

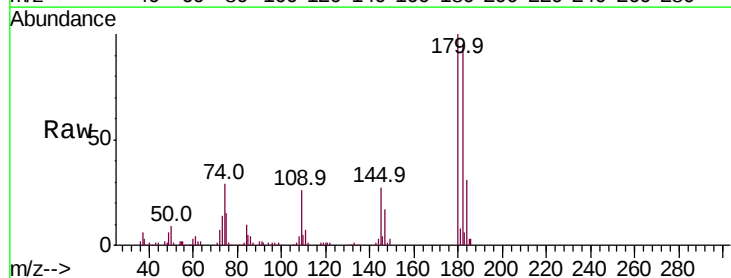


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

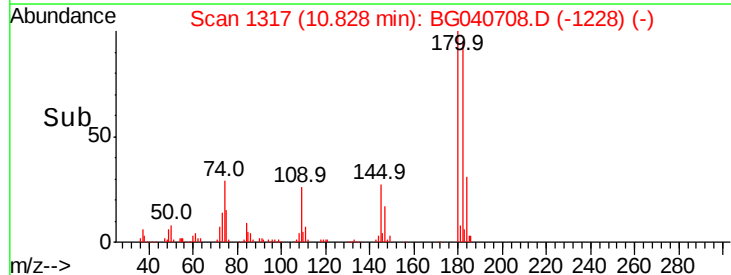
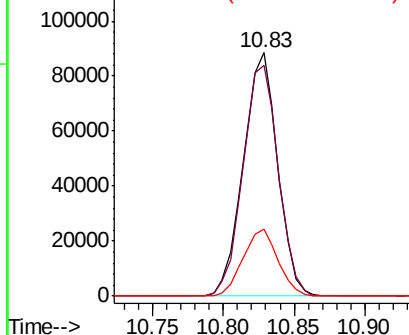


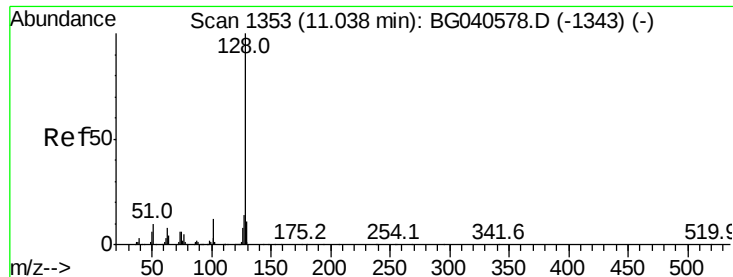
#30
1,2,4-Trichlorobenzene
Concen: 42.781 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

Tgt Ion:180 Resp: 150551
Ion Ratio Lower Upper
180 100
182 94.9 75.2 112.8
145 27.5 23.6 35.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

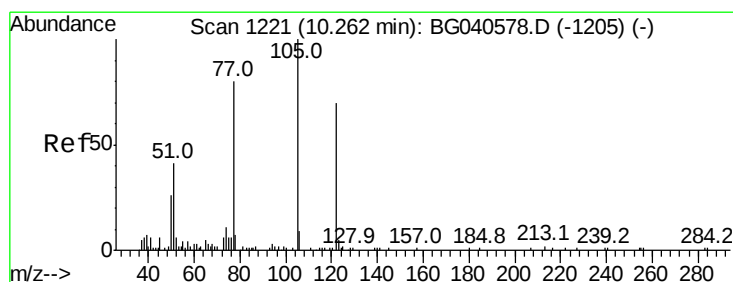
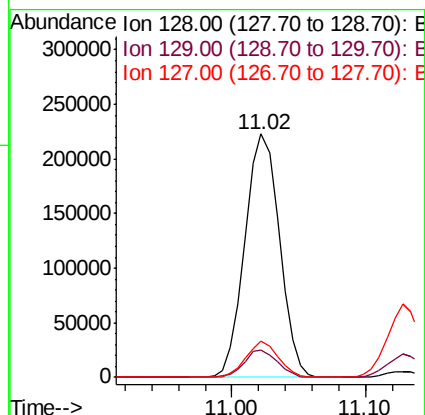
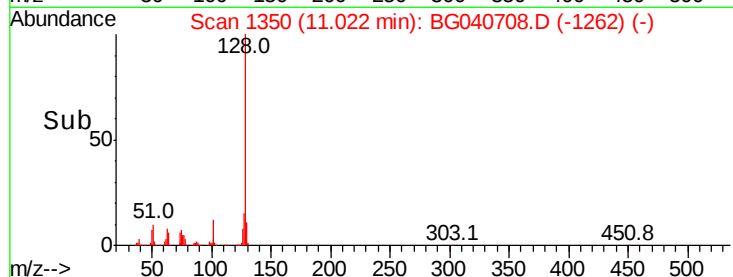
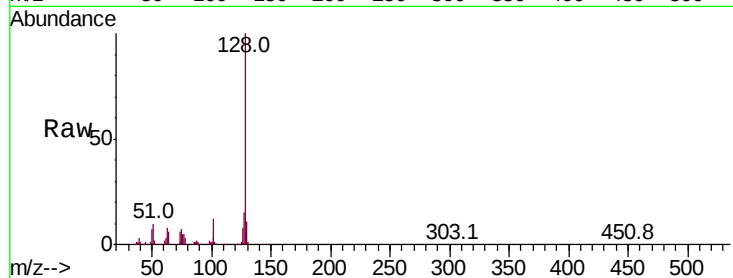




#31
Naphthalene
Concen: 41.787 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

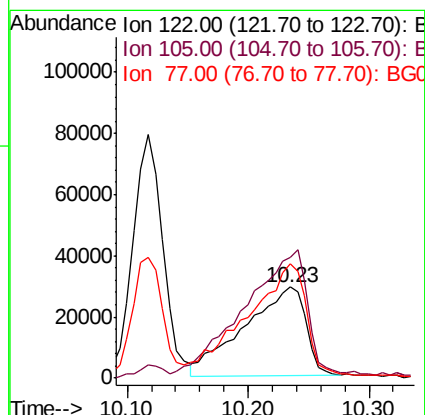
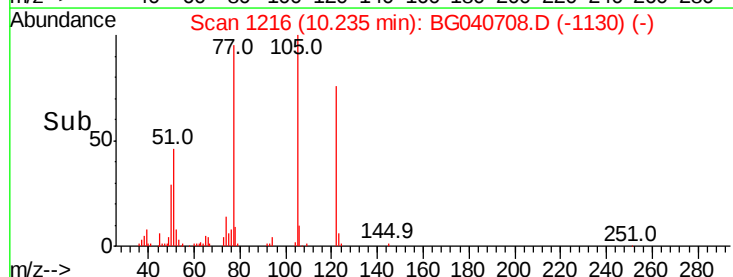
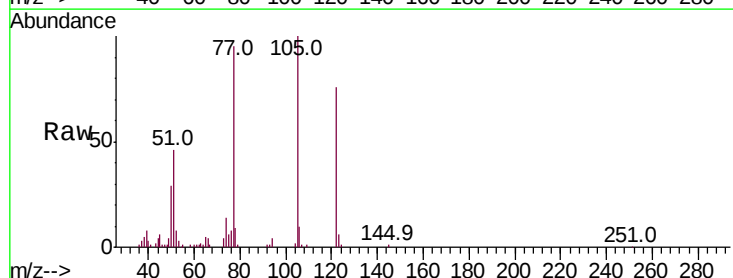
Instrument :
BNA_G
ClientSampleId :
PB119403BS

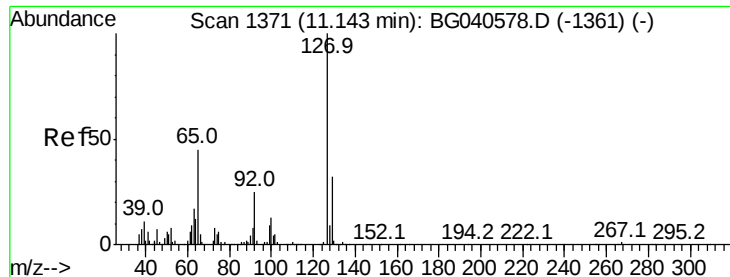
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	14.6	11.3	16.9



#32
Benzoic acid
Concen: 53.437 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.03 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.3	110.9	150.9
77	125.9	87.6	127.6

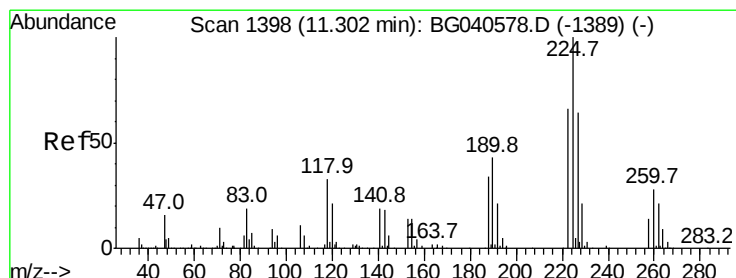
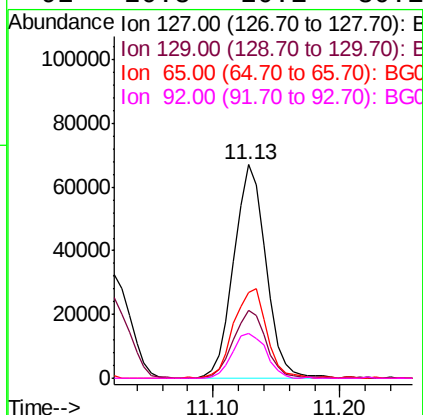
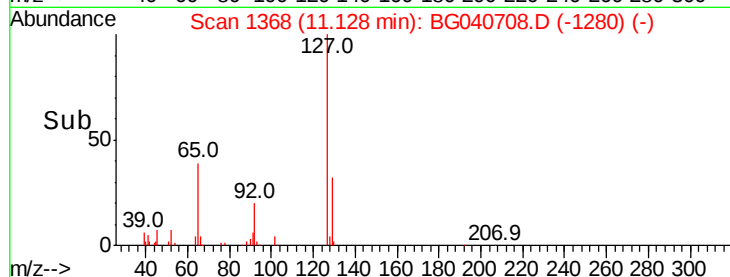
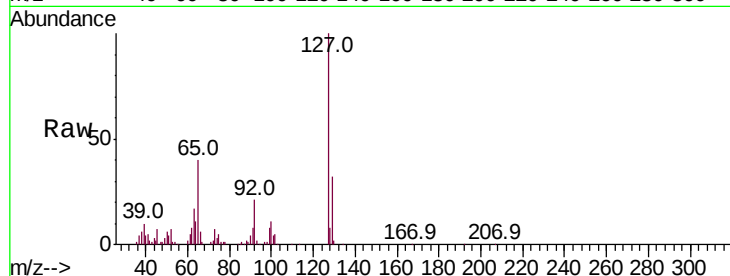




#33
4-Chloroaniline
Concen: 27.837 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

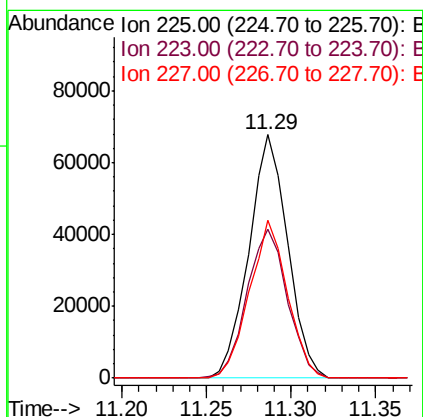
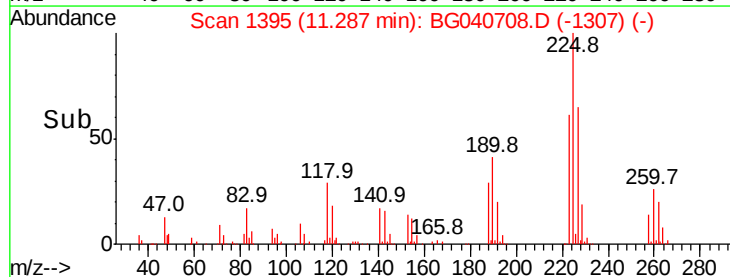
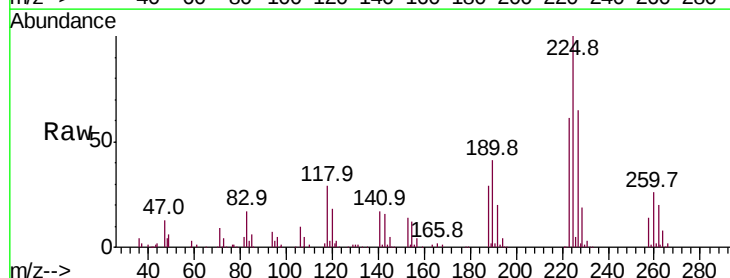
Instrument :
BNA_G
ClientSampleId :
PB119403BS

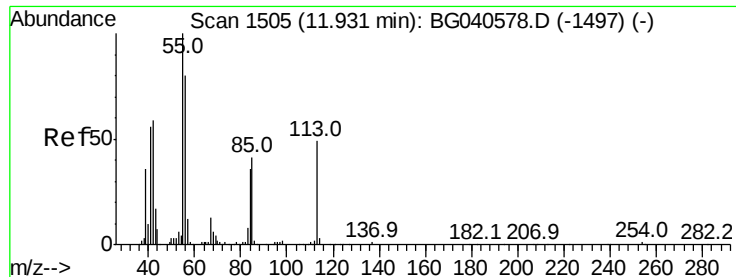
Tot Ion:	127	Resp:	117855
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.7	38.5
65	40.2	36.1	54.1
92	20.8	20.1	30.1



#34
Hexachlorobutadiene
Concen: 41.616 ng
RT: 11.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

Tgt Ion:	225	Resp:	108122
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.4	75.6
227	64.8	51.0	76.6





#35

Caprolactam

Concen: 44.285 ng

RT: 11.90 min Scan# 1500

Delta R.T. -0.03 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

BNA_G

ClientSampleId :

PB119403BS

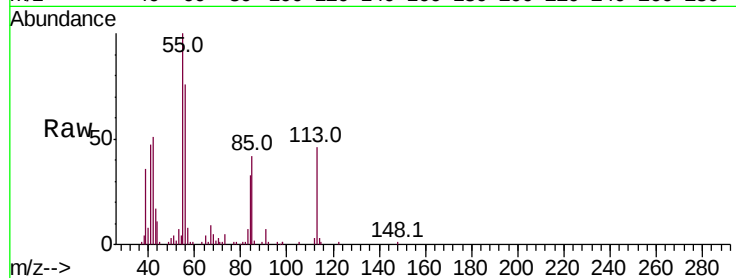
Tot Ion:113 Resp: 55485

Ion Ratio Lower Upper

113 100

55 219.5 198.6 238.6

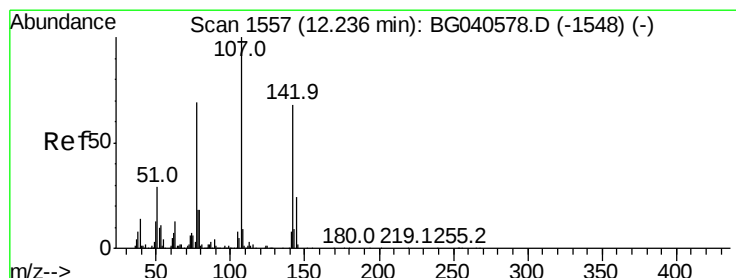
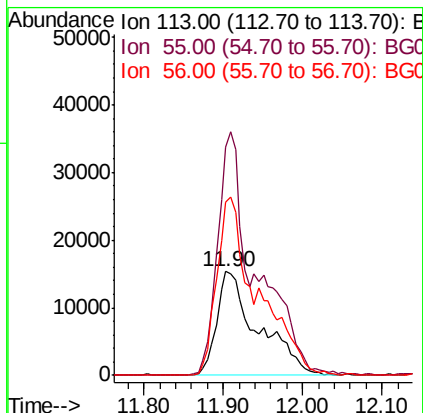
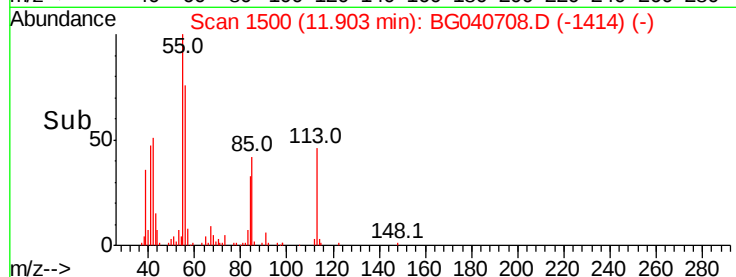
56 167.5 148.4 188.4



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: 46.681 ng

RT: 12.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

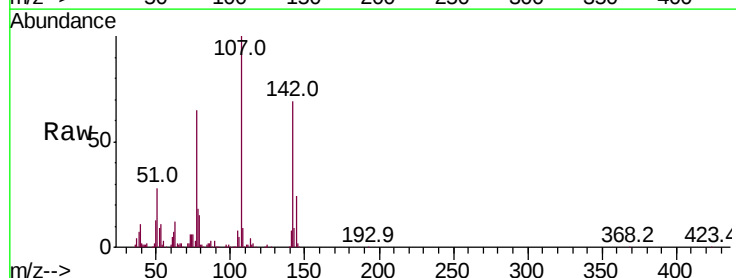
Tgt Ion:107 Resp: 186879

Ion Ratio Lower Upper

107 100

144 24.0 19.3 28.9

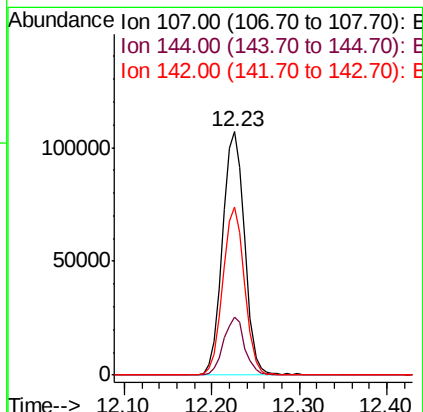
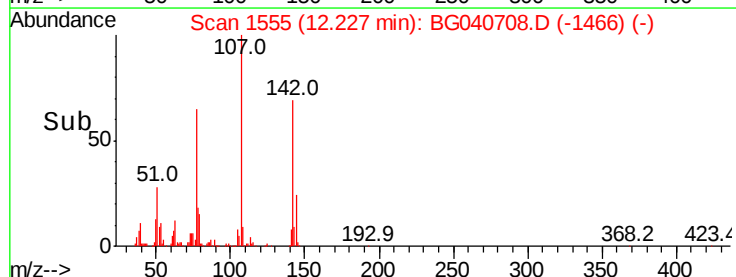
142 69.0 54.6 81.8

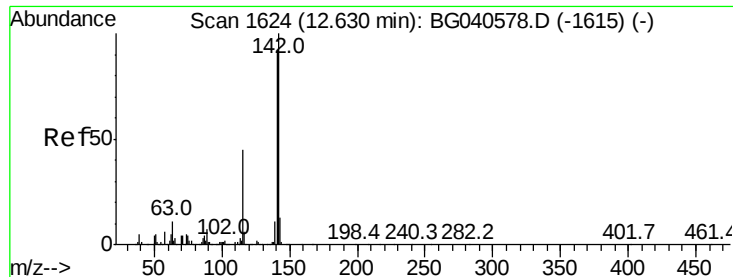


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.803 ng

RT: 12.61 min Scan# 1621

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

BNA_G

ClientSampleId :

PB119403BS

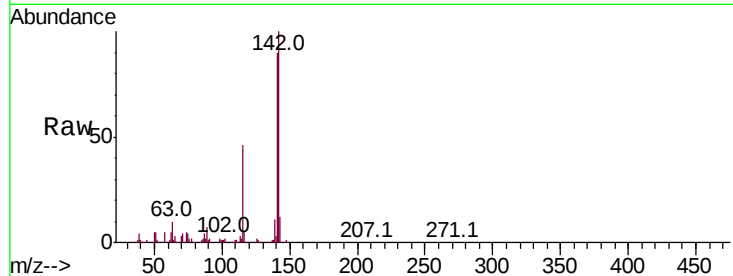
Tot Ion:142 Resp: 305597

Ion Ratio Lower Upper

142 100

141 90.4 73.4 110.2

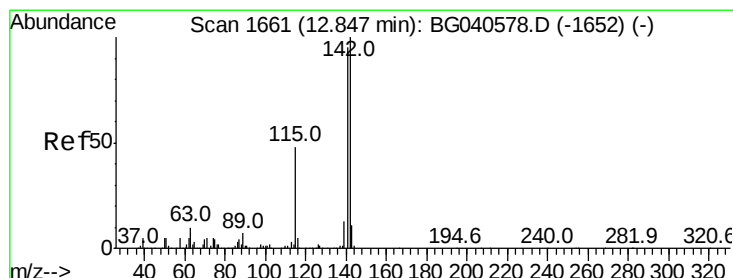
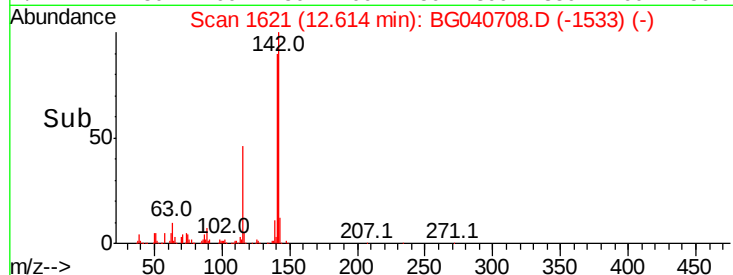
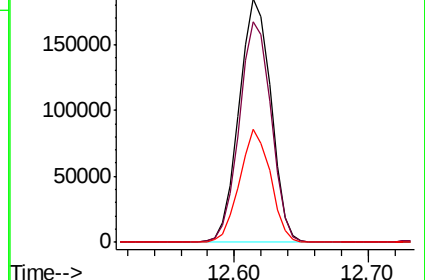
115 46.3 36.2 54.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.379 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

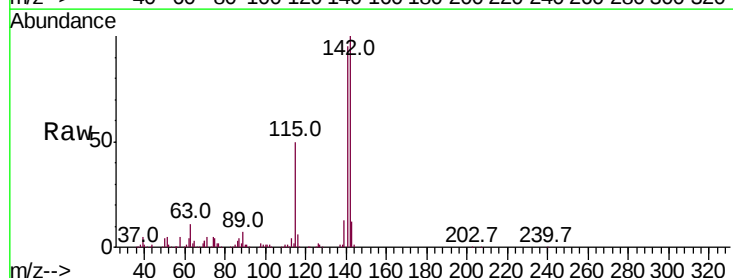
Tgt Ion:142 Resp: 288764

Ion Ratio Lower Upper

142 100

141 94.7 75.9 113.9

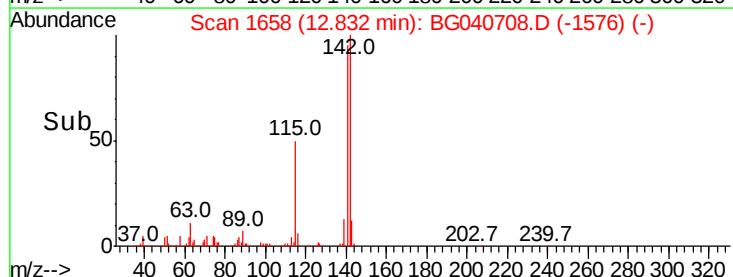
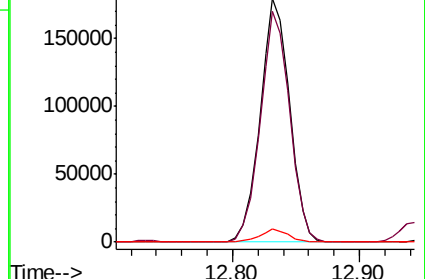
116 5.7 4.2 6.4

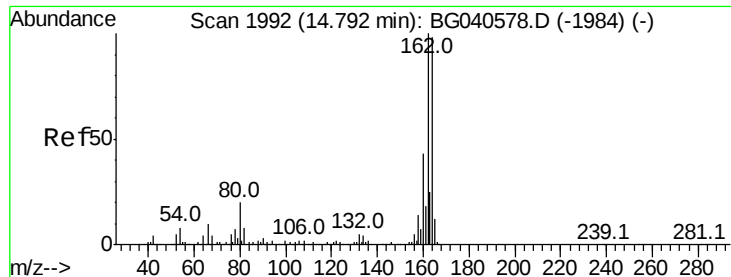


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

BNA_G

ClientSampleId :

PB119403BS

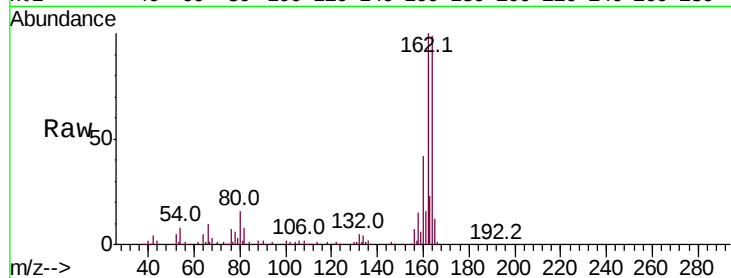
Tot Ion:164 Resp: 135056

Ion Ratio Lower Upper

164 100

162 100.9 81.9 122.9

160 42.8 35.4 53.2

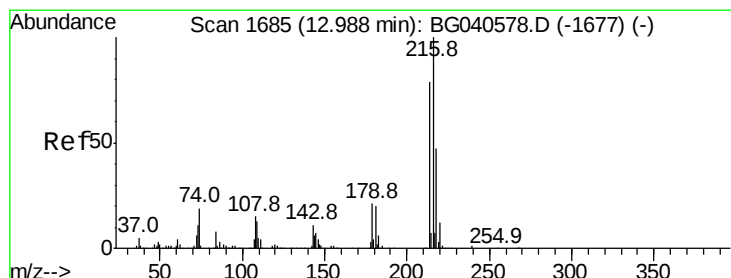
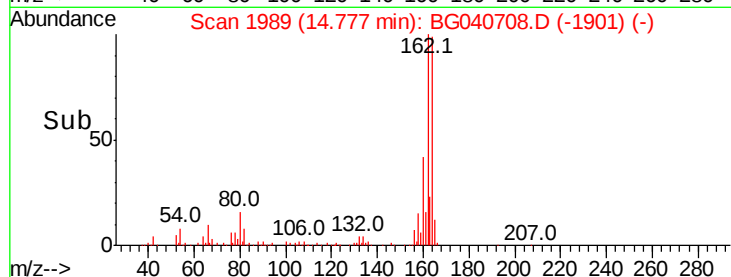
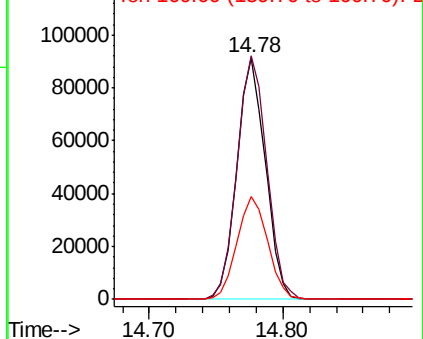


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.701 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Tgt Ion:216 Resp: 209803

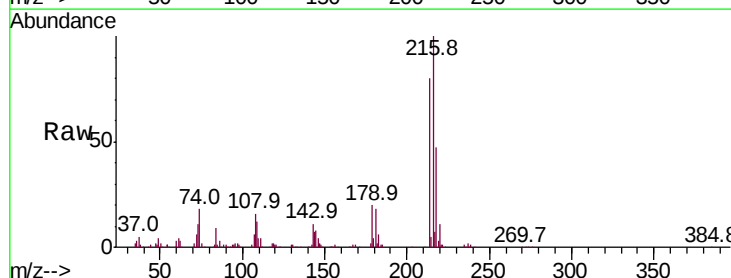
Ion Ratio Lower Upper

216 100

214 78.2 63.7 95.5

179 19.4 16.6 24.8

108 18.0 14.7 22.1



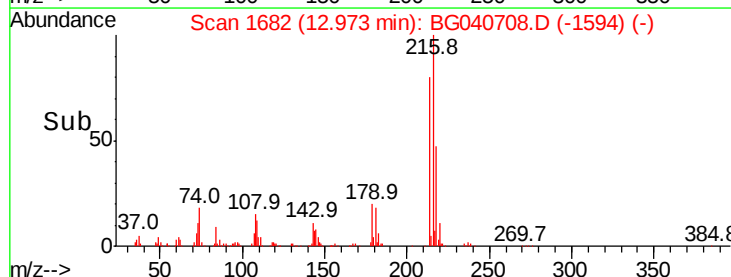
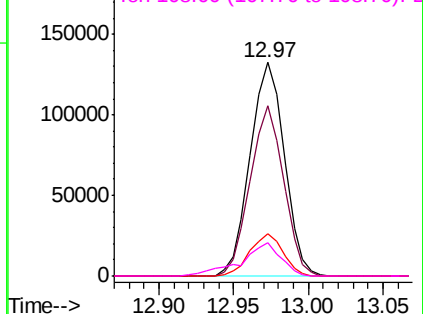
Abundance

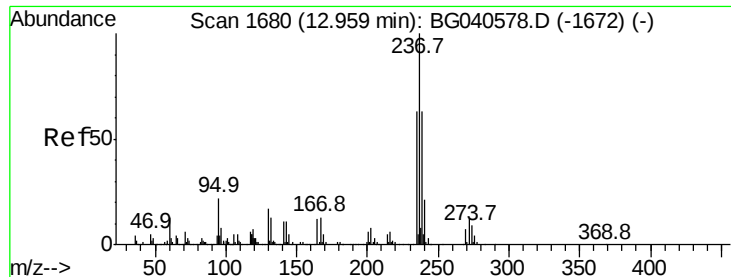
Ion 216.00 (215.70 to 216.70): E

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: 75.887 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

BNA_G

ClientSampleId :

PB119403BS

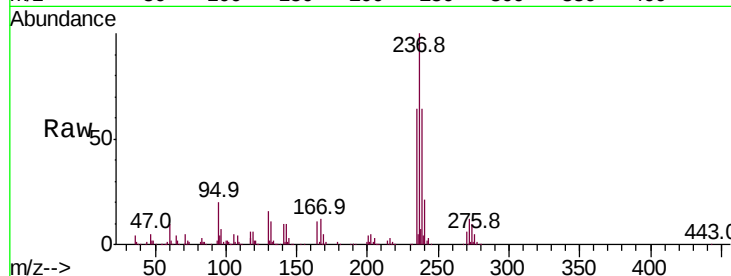
Tot Ion:237 Resp: 225292

Ion Ratio Lower Upper

237 100

235 64.1 42.5 82.5

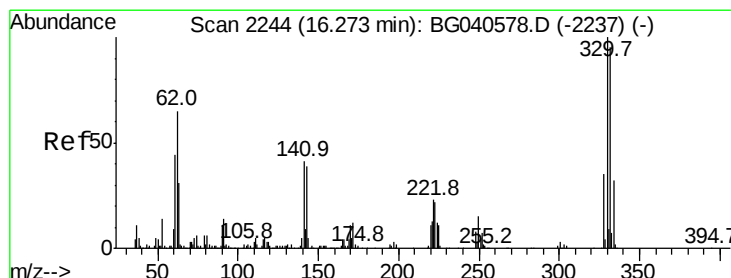
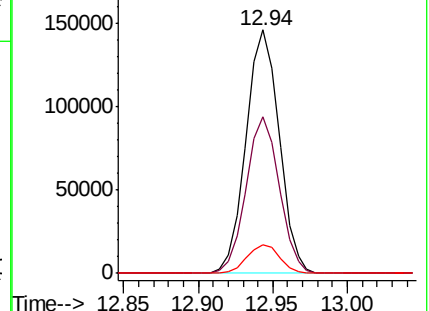
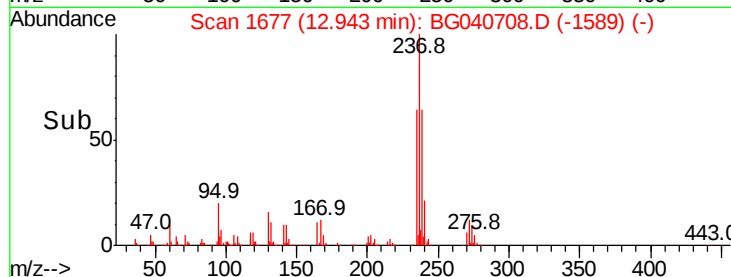
272 11.6 0.0 31.6



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: 152.996 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

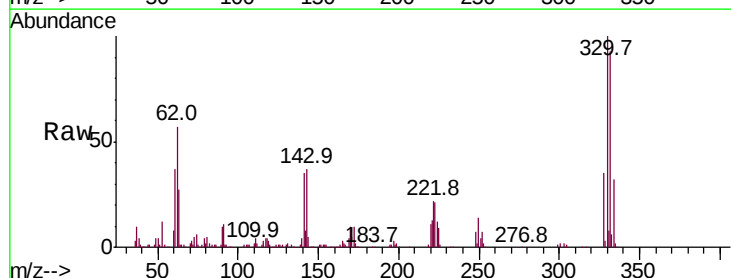
Tgt Ion:330 Resp: 284018

Ion Ratio Lower Upper

330 100

332 96.0 75.9 113.9

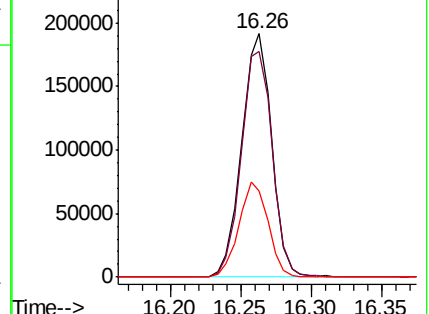
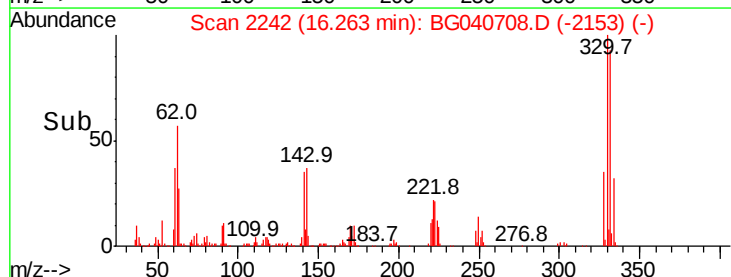
141 38.0 32.4 48.6

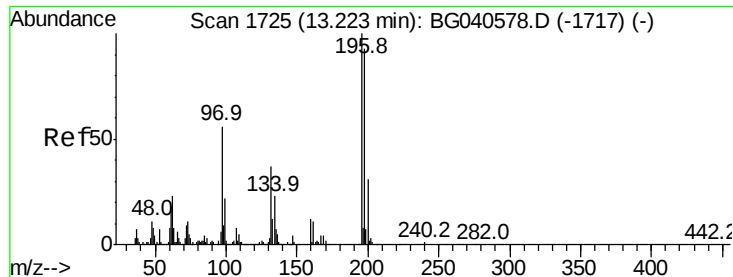


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

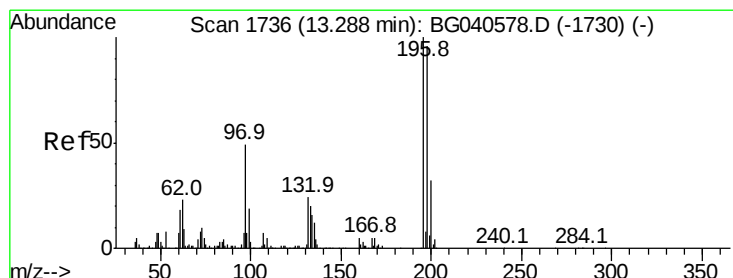
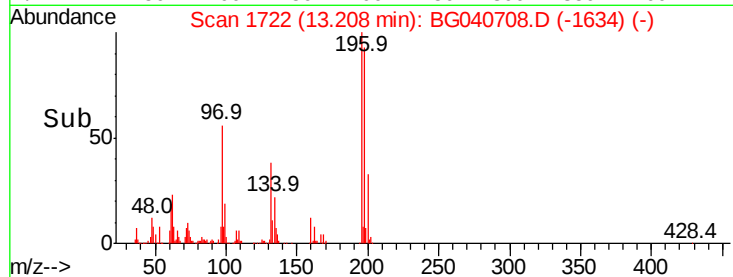
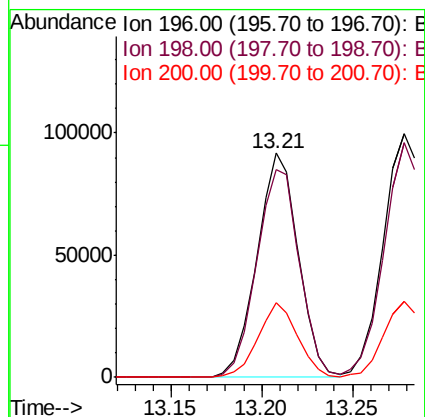
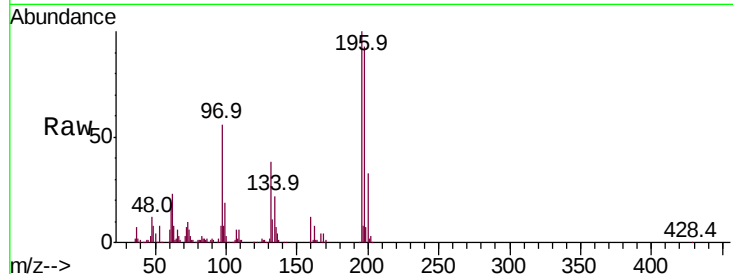




#43
 2,4,6-Trichlorophenol
 Concen: 48.110 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040708.D
 Acq: 2 May 2019 15:50

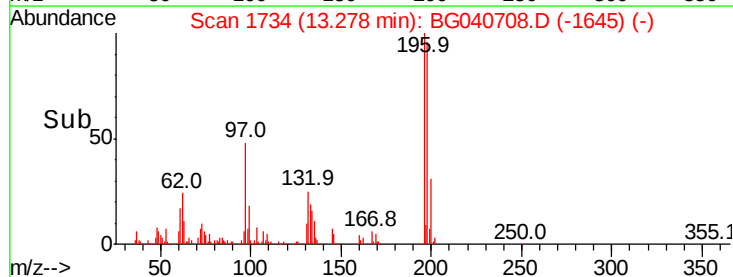
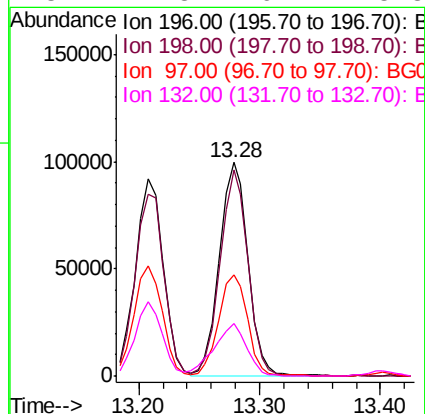
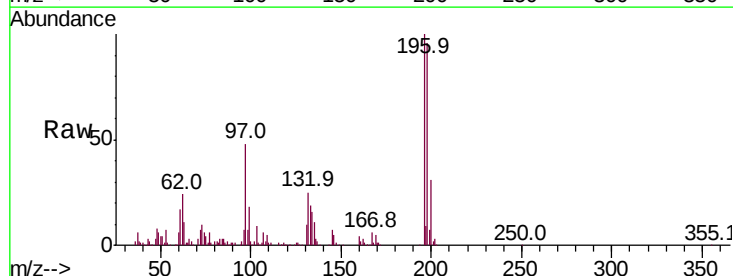
Instrument :
 BNA_G
 ClientSampleId :
 PB119403BS

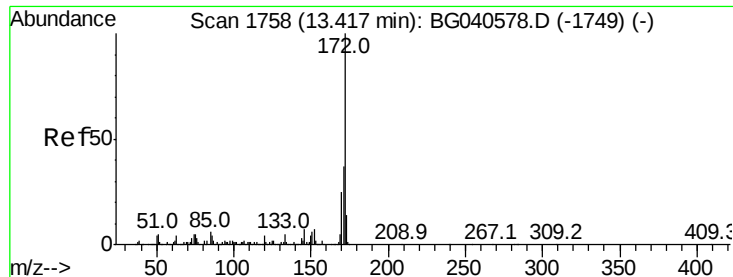
Tot Ion	Ratio	Lower	Upper
196	100		
198	92.8	74.8	112.2
200	33.2	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 48.787 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG040708.D
 Acq: 2 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.0	115.6
97	47.7	40.0	60.0
132	24.8	19.2	28.8

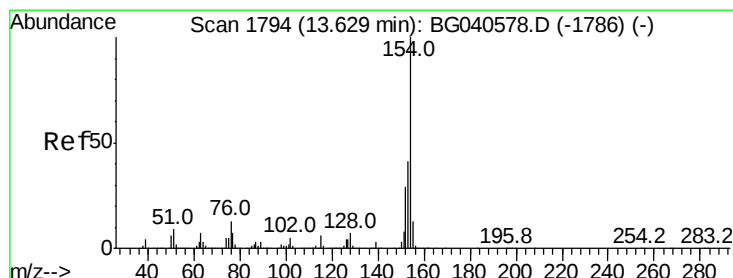
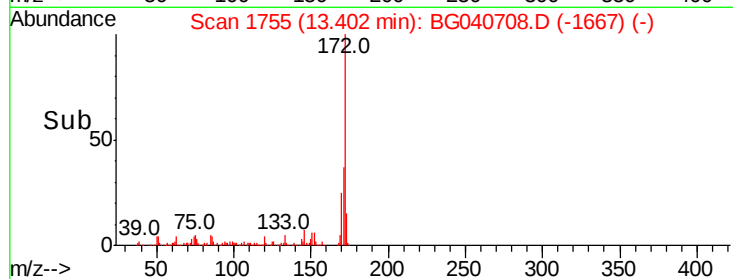
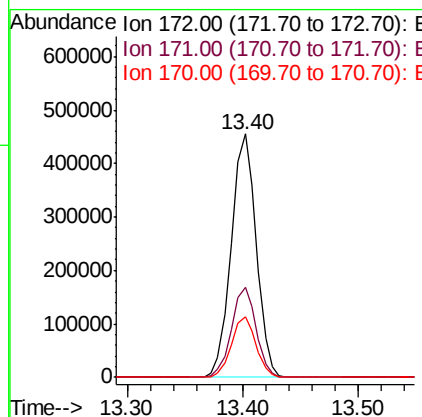
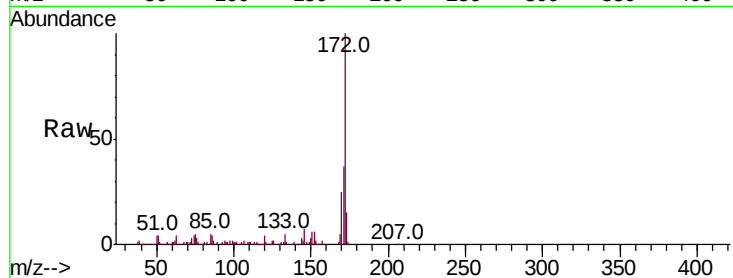




#45
2-Fluorobiphenyl
Concen: 72.530 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

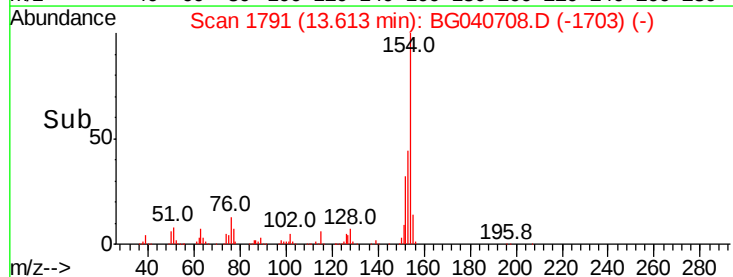
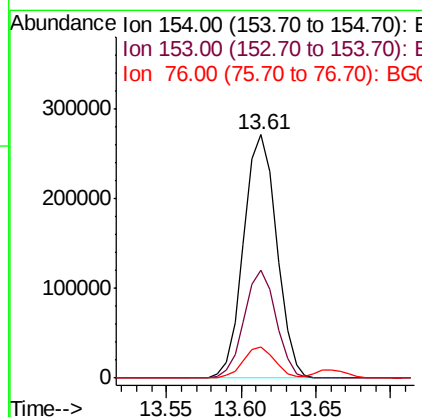
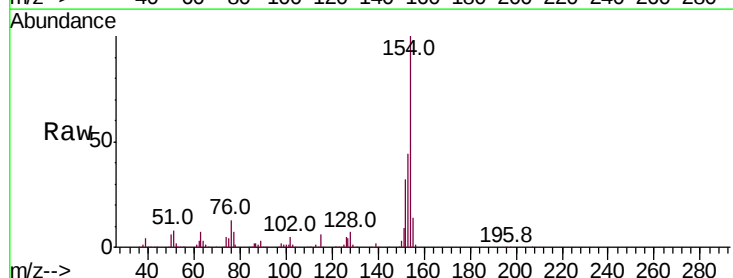
Instrument :
BNA_G
ClientSampleId :
PB119403BS

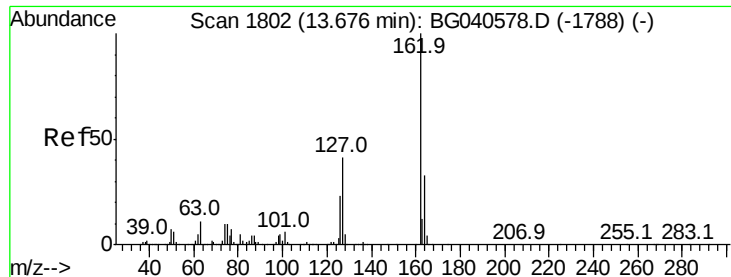
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.2
170	24.8	19.9	29.9



#46
1,1'-Biphenyl
Concen: 39.709 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.3	20.5	60.5
76	12.6	0.0	32.5

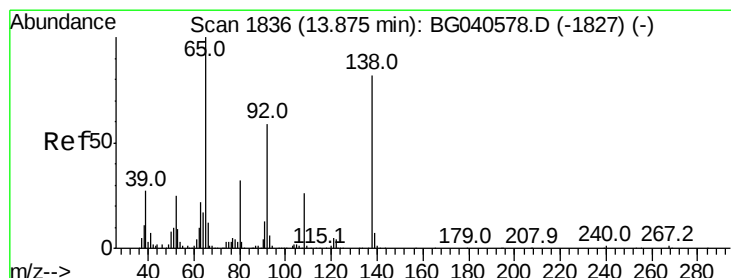
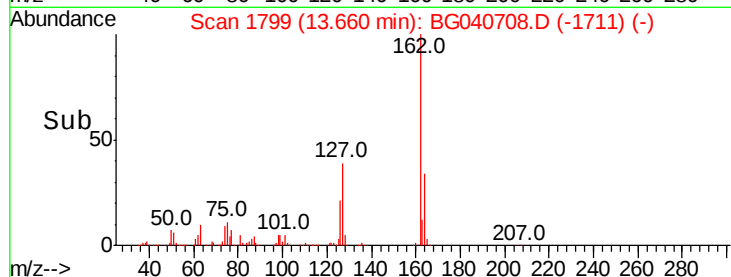
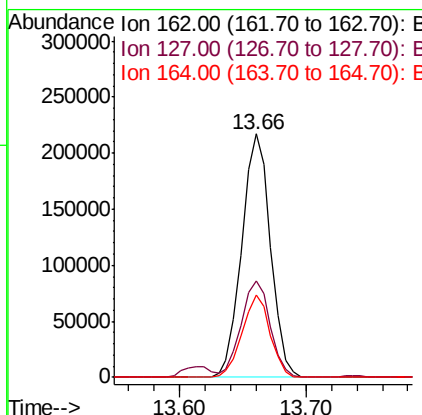
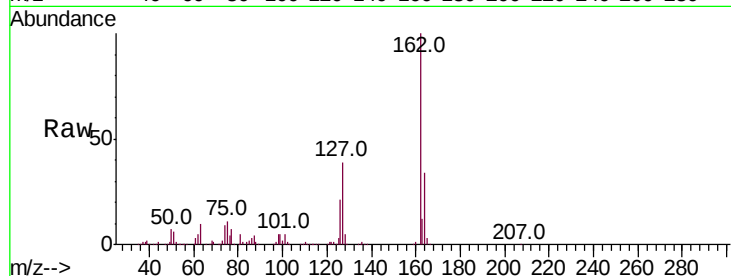




#47
 2-Chloronaphthalene
 Concen: 41.443 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040708.D
 Acq: 2 May 2019 15:50

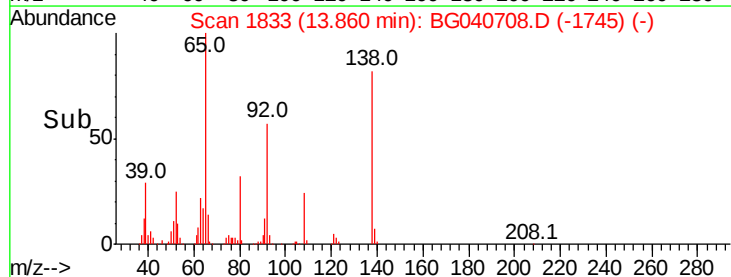
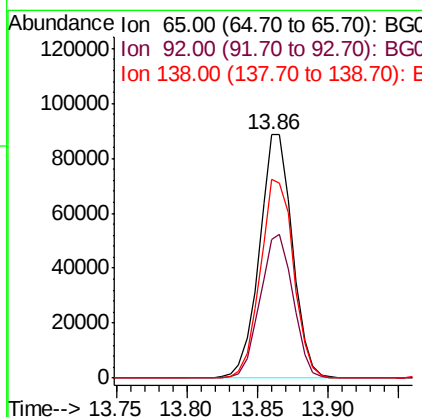
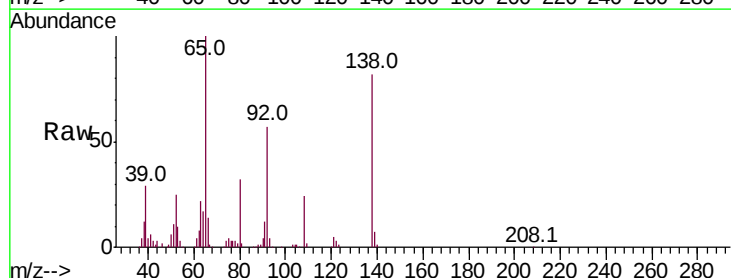
Instrument :
 BNA_G
 ClientSampleId :
 PB119403BS

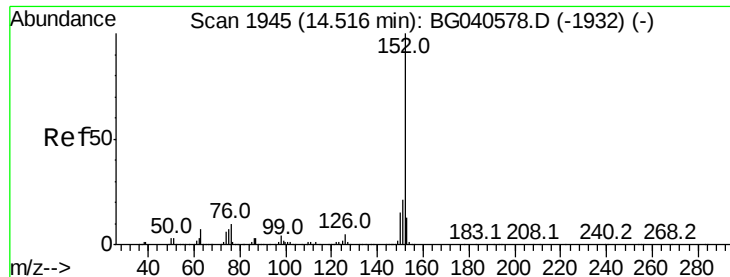
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	33.0	49.4
164	34.1	26.8	40.2



#48
 2-Nitroaniline
 Concen: 49.908 ng
 RT: 13.86 min Scan# 1833
 Delta R.T. -0.02 min
 Lab File: BG040708.D
 Acq: 2 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.0	47.4	71.0
138	81.9	66.1	99.1





#49

Acenaphthylene

Concen: 40.343 ng

RT: 14.51 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

BNA_G

ClientSampleId :

PB119403BS

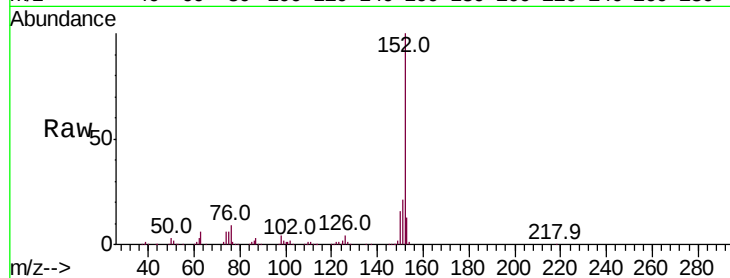
Tot Ion:152 Resp: 561683

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.2	25.8
153	13.4	10.7	16.1

152 100

151 21.1 17.2 25.8

153 13.4 10.7 16.1

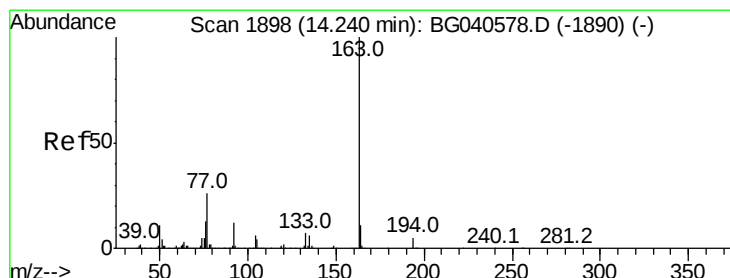
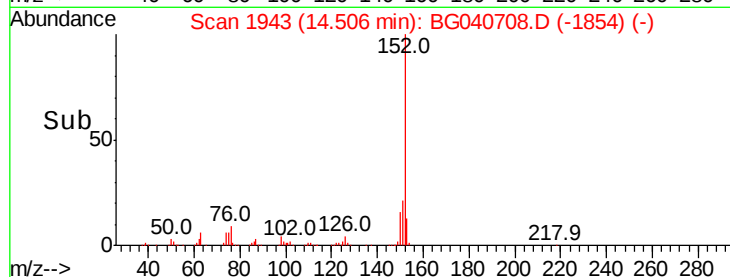
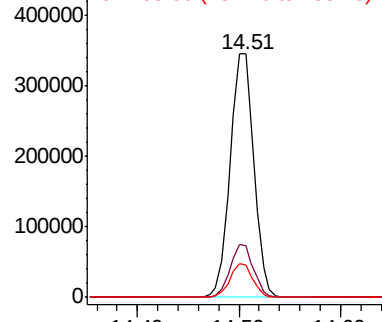


Abundance

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: 43.392 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

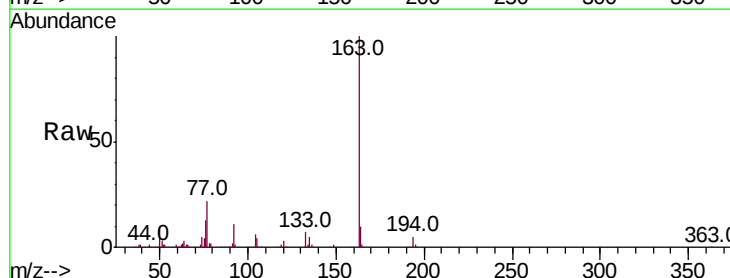
Tgt Ion:163 Resp: 490326

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.8	5.8
164	9.9	8.8	13.2

163 100

194 5.2 3.8 5.8

164 9.9 8.8 13.2

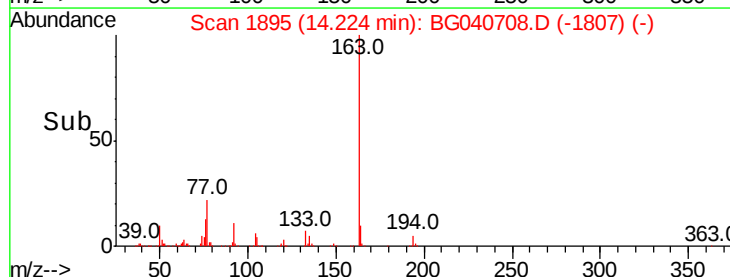
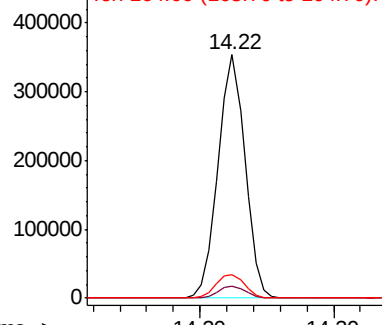


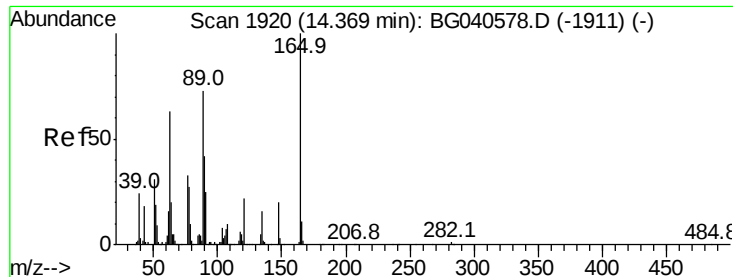
Abundance

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

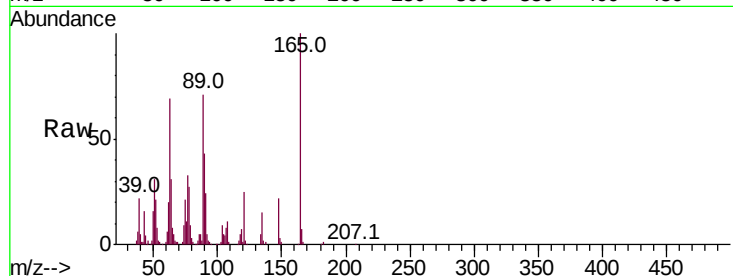




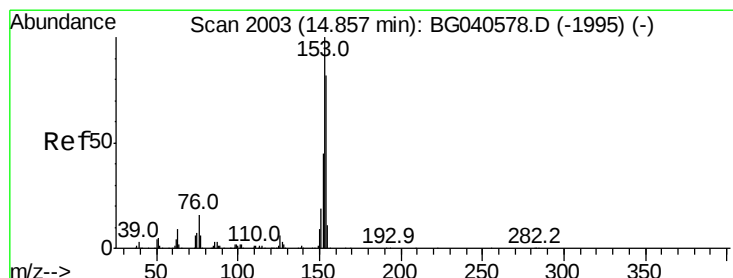
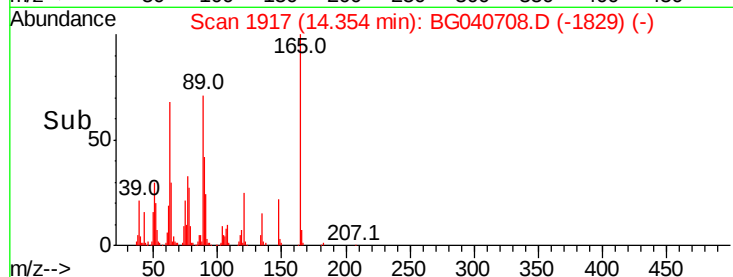
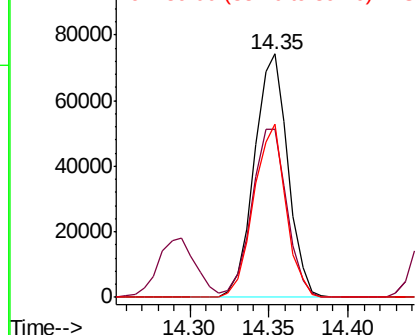
#51
2,6-Dinitrotoluene
Concen: 49.536 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

Instrument :
BNA_G
ClientSampleId :
PB119403BS

Tot Ion:165 Resp: 109245
Ion Ratio Lower Upper
165 100
63 69.2 61.0 91.4
89 71.2 58.6 87.8

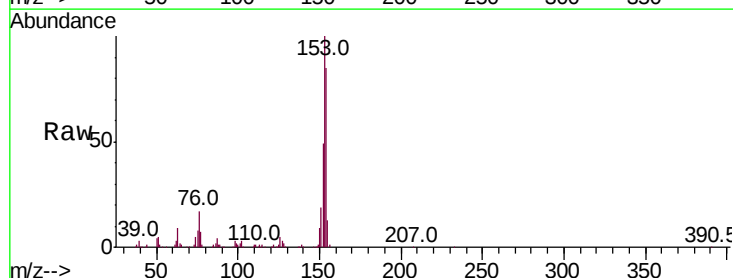


Abundance Ion 165.00 (164.70 to 165.70): E
100000
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

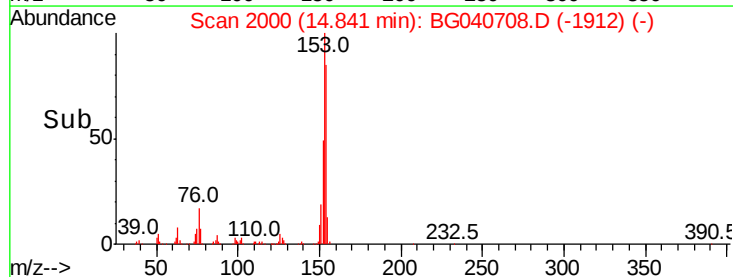
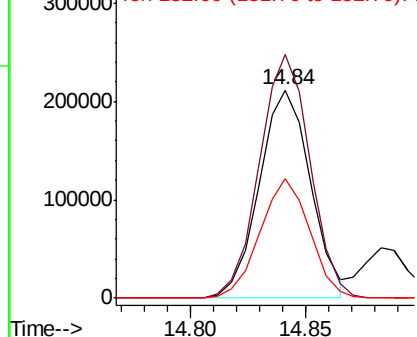


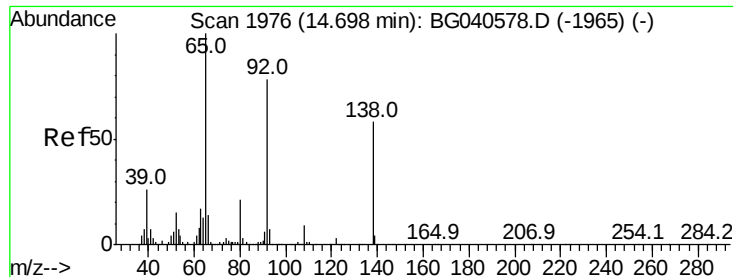
#52
Acenaphthene
Concen: 40.154 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

Tgt Ion:154 Resp: 325567
Ion Ratio Lower Upper
154 100
153 117.1 97.0 145.6
152 57.7 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E
300000
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

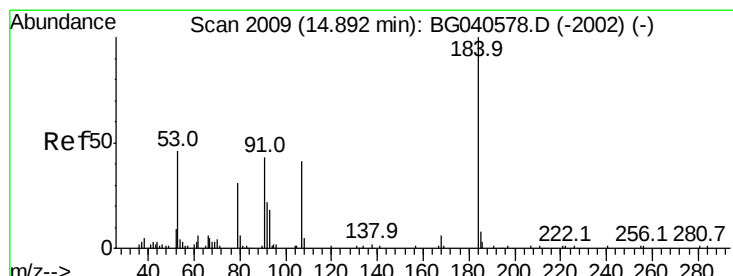
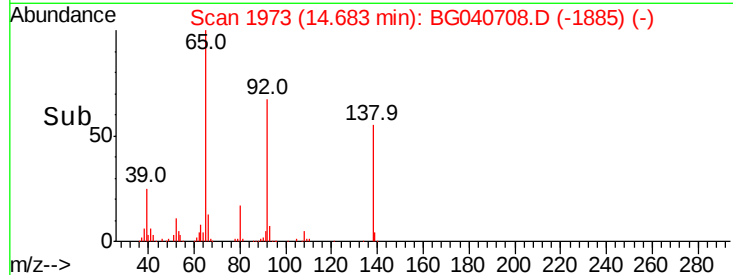
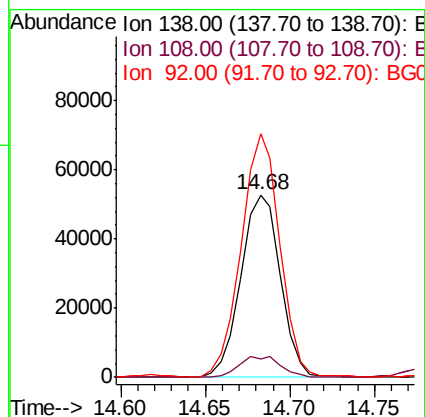
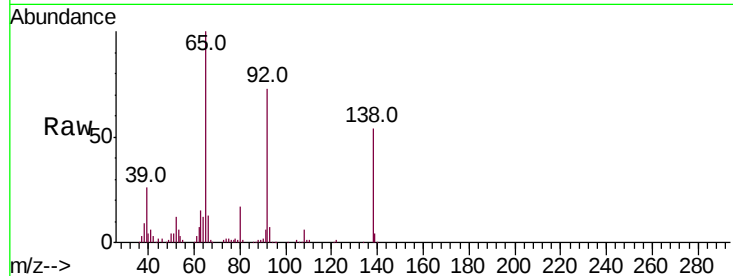




#53
3-Nitroaniline
Concen: 37.951 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

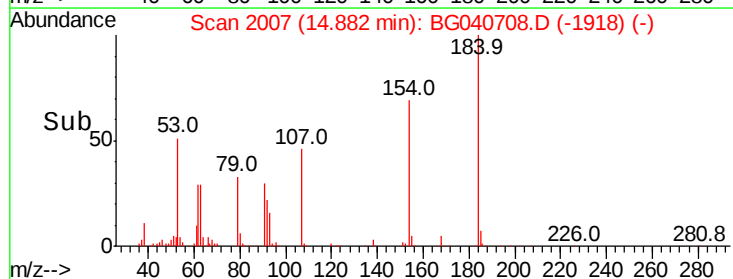
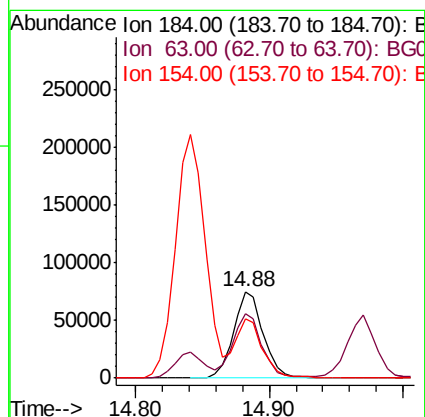
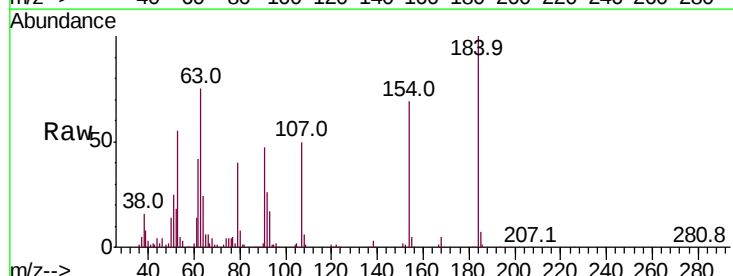
Instrument :
BNA_G
ClientSampleId :
PB119403BS

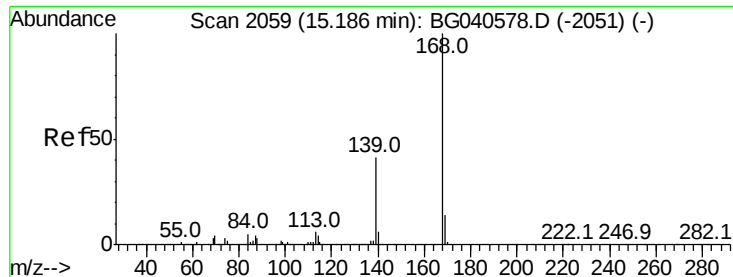
Tot Ion:138 Resp: 85756
Ion Ratio Lower Upper
138 100
108 10.4 12.4 18.6#
92 133.4 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 92.612 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

Tgt Ion:184 Resp: 116700
Ion Ratio Lower Upper
184 100
63 75.1 51.8 77.6
154 68.8 43.6 65.4#





#55

Dibenzofuran

Concen: 43.000 ng

RT: 15.18 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

BNA_G

ClientSampleId :

PB119403BS

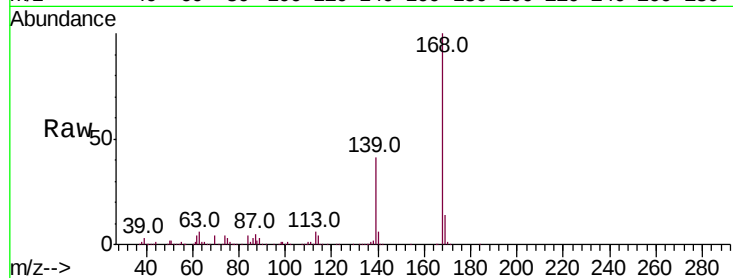
Tot Ion:168 Resp: 571055

Ion Ratio Lower Upper

168 100

139 40.7 33.0 49.4

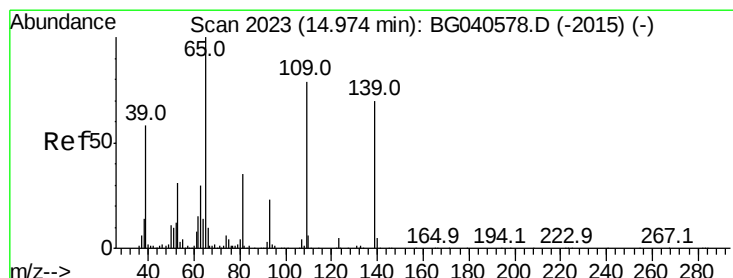
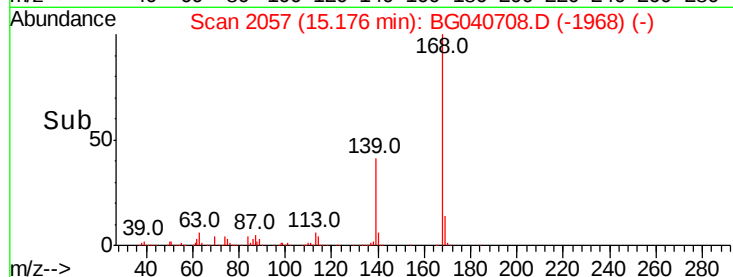
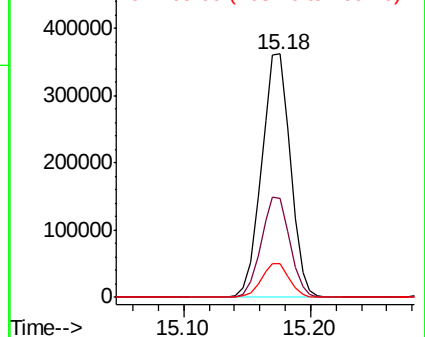
169 14.0 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 97.871 ng

RT: 14.97 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

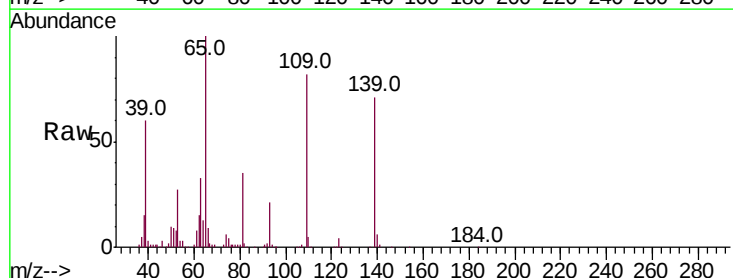
Tgt Ion:139 Resp: 191766

Ion Ratio Lower Upper

139 100

109 115.6 93.8 133.8

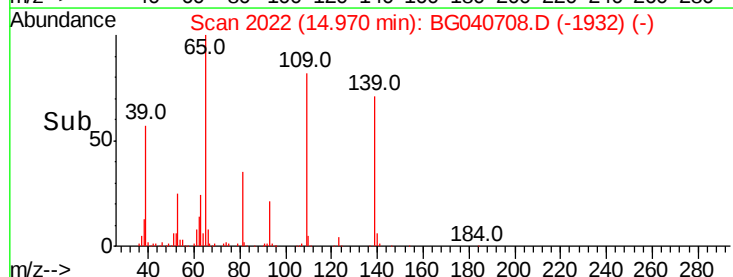
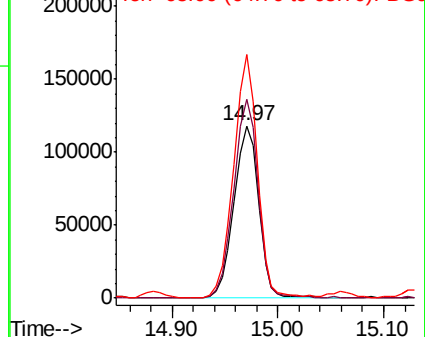
65 141.6 122.7 162.7

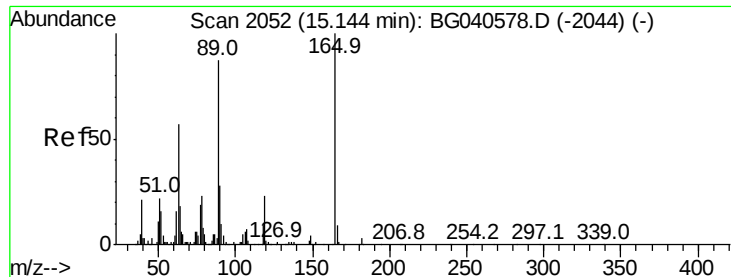


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#57

2,4-Dinitrotoluene

Concen: 55.324 ng

RT: 15.13 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

BNA_G

ClientSampleId :

PB119403BS

Tot Ion:165 Resp: 165794

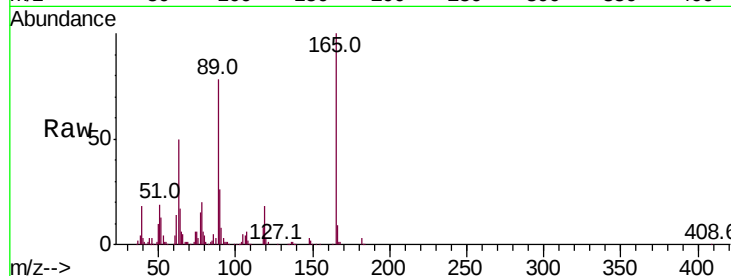
Ion Ratio Lower Upper

165 100

63 49.9 45.8 68.8

89 78.2 69.4 104.2

182 2.8 2.2 3.4

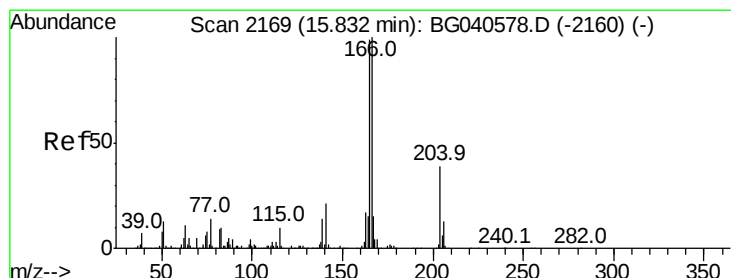
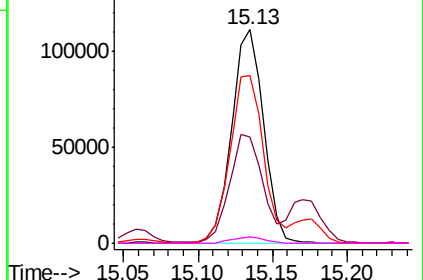
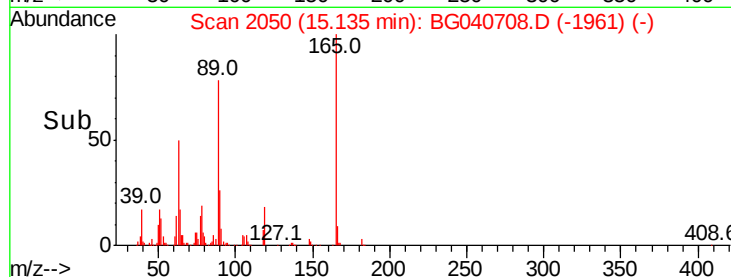


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.523 ng

RT: 15.82 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

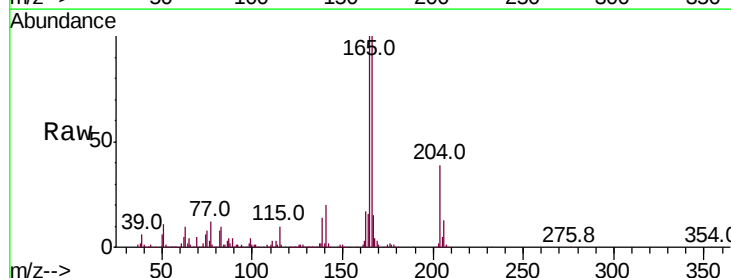
Tgt Ion:166 Resp: 456439

Ion Ratio Lower Upper

166 100

165 100.4 79.6 119.4

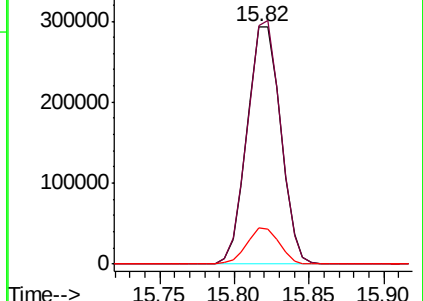
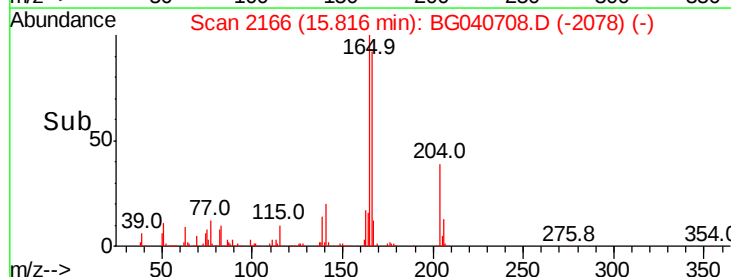
167 15.0 12.2 18.2

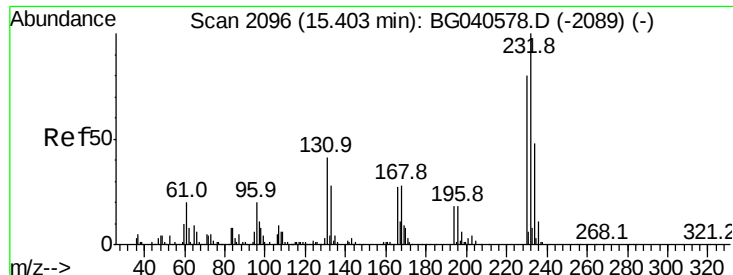


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

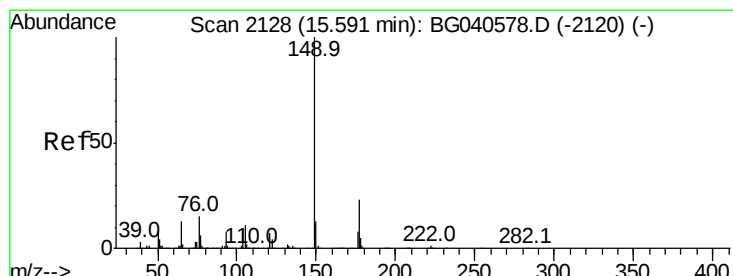
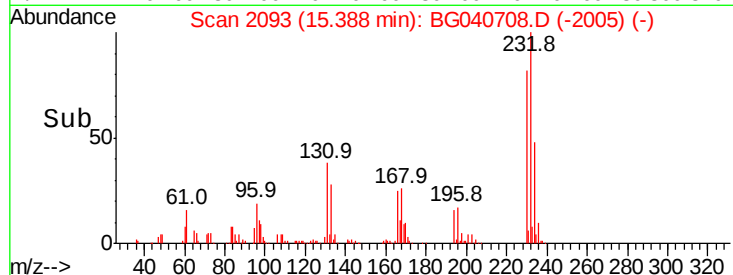
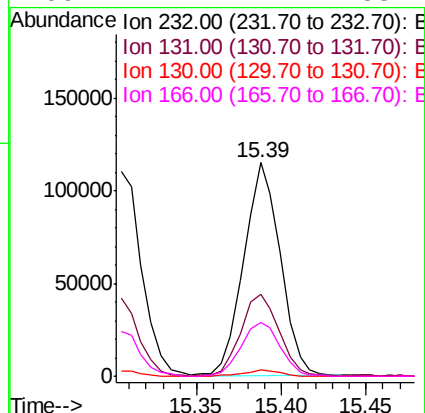
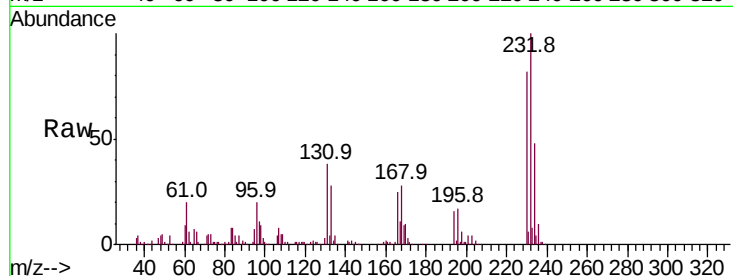




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.789 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040708.D
 Acq: 2 May 2019 15:50

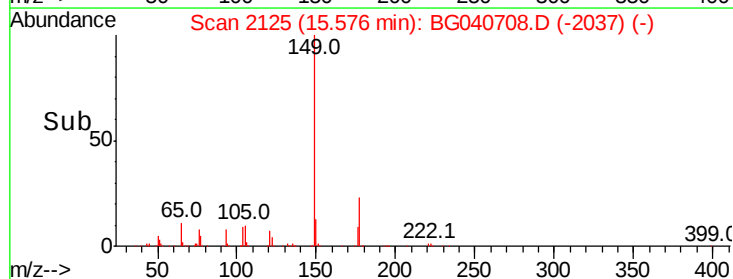
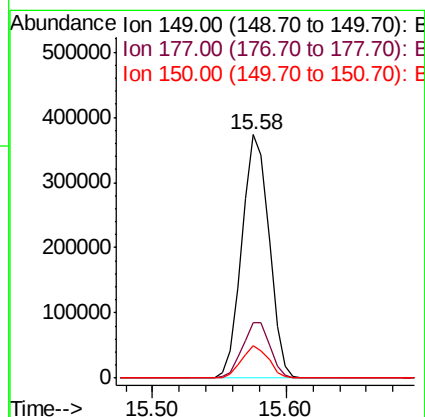
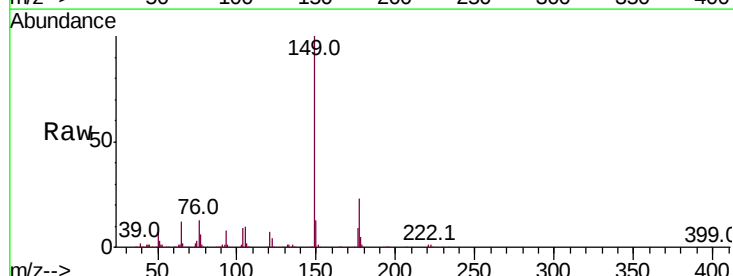
Instrument :
 BNA_G
 ClientSampleId :
 PB119403BS

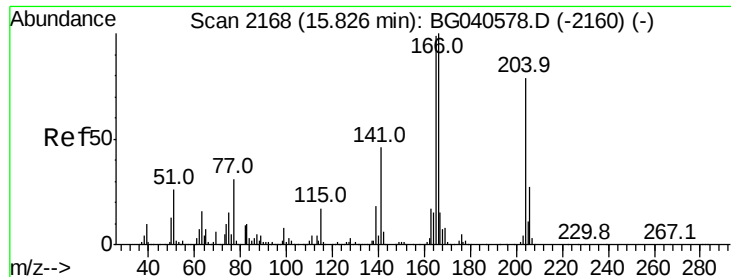
Tot Ion:	232	Resp:	172645
Ion	Ratio	Lower	Upper
232	100		
131	40.2	33.0	49.4
130	2.8	2.0	3.0
166	27.1	22.1	33.1



#60
 Diethylphthalate
 Concen: 44.143 ng
 RT: 15.58 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG040708.D
 Acq: 2 May 2019 15:50

Tgt Ion:	149	Resp:	526284
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.5	27.7
150	13.3	10.2	15.4

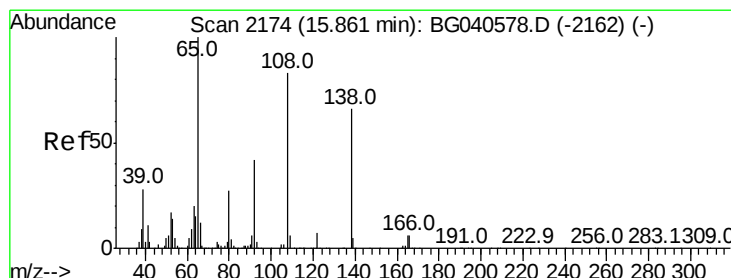
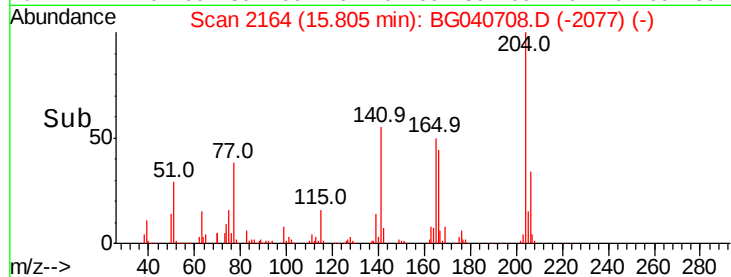
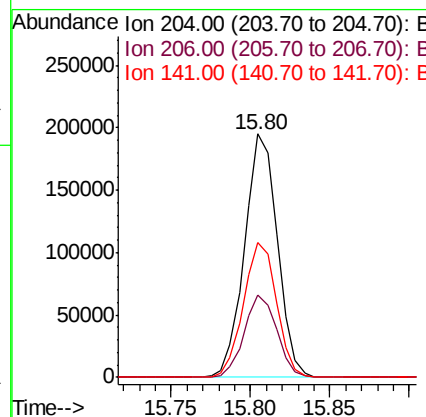
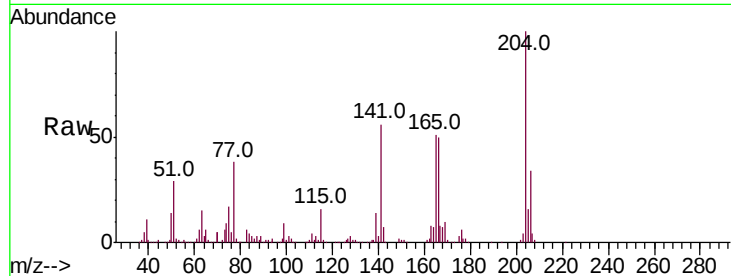




#61
4-Chlorophenyl-phenylether
Concen: 44.810 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

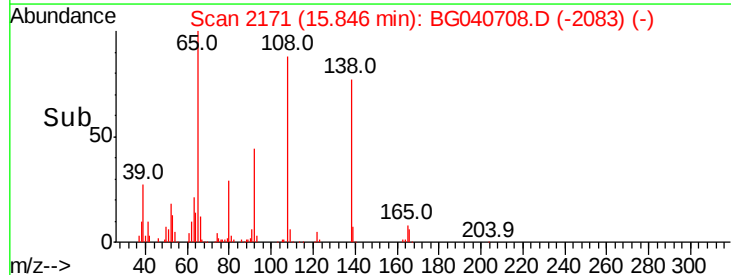
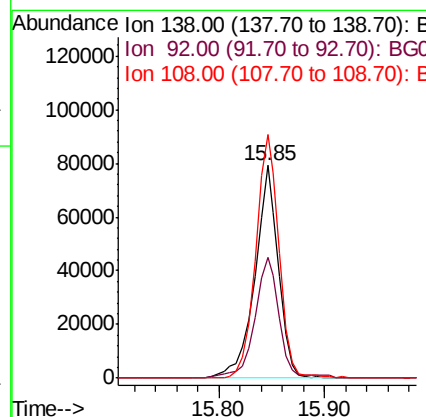
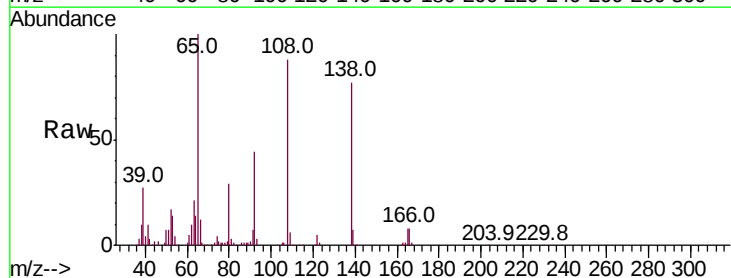
Instrument :
BNA_G
ClientSampleId :
PB119403BS

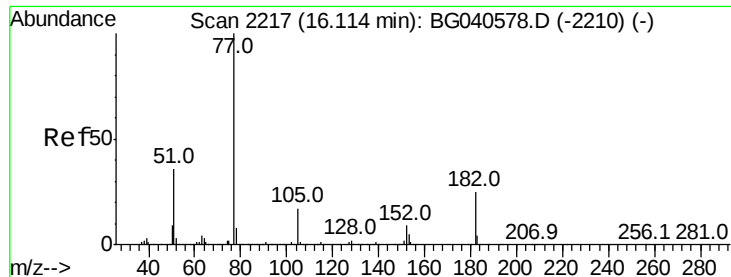
Tot Ion:204 Resp: 279749
Ion Ratio Lower Upper
204 100
206 33.7 27.4 41.2
141 55.6 46.0 69.0



#62
4-Nitroaniline
Concen: 48.729 ng
RT: 15.85 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

Tgt Ion:138 Resp: 123172
Ion Ratio Lower Upper
138 100
92 56.8 43.9 83.9
108 114.7 106.5 146.5





#63

Azobenzene

Concen: 41.400 ng

RT: 16.10 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

BNA_G

ClientSampleId :

PB119403BS

Tot Ion: 77 Resp: 508312

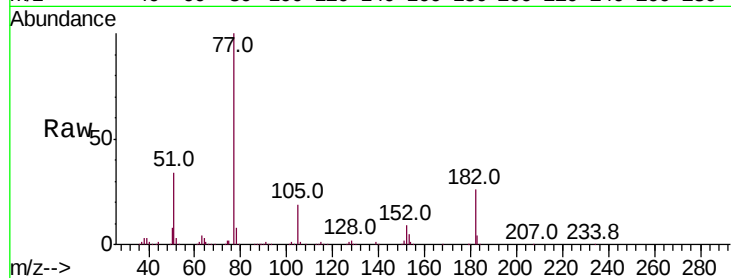
Ion Ratio Lower Upper

77 100

182 25.8 5.0 45.0

105 18.6 0.0 37.6

51 34.5 16.3 56.3

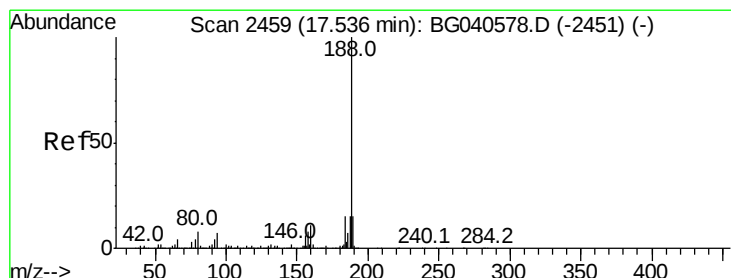
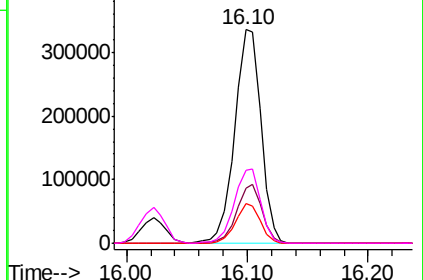
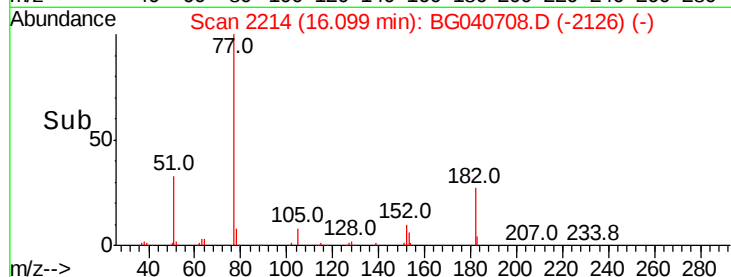


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

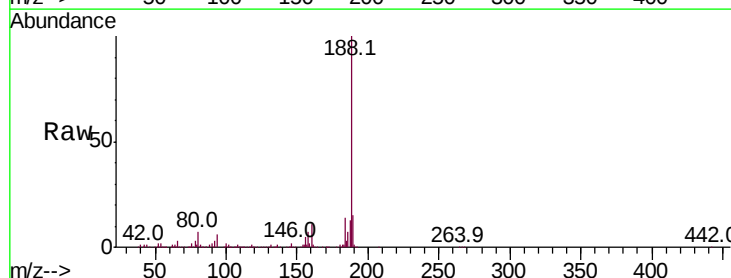
Tgt Ion: 188 Resp: 385897

Ion Ratio Lower Upper

188 100

94 6.2 5.6 8.4

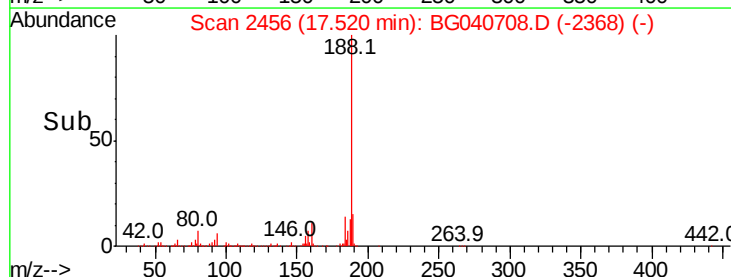
80 7.4 6.4 9.6



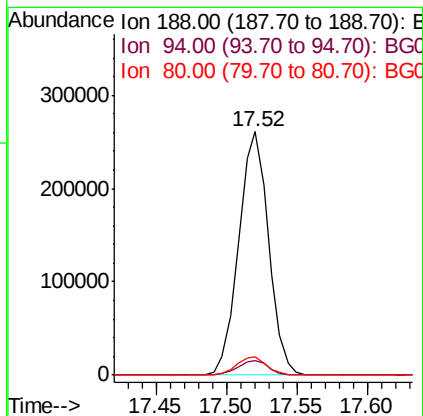
Abundance Ion 188.00 (187.70 to 188.70): BGC

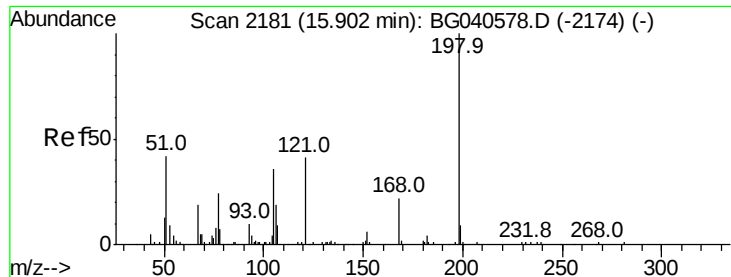
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 45.775 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

BNA_G

ClientSampleId :

PB119403BS

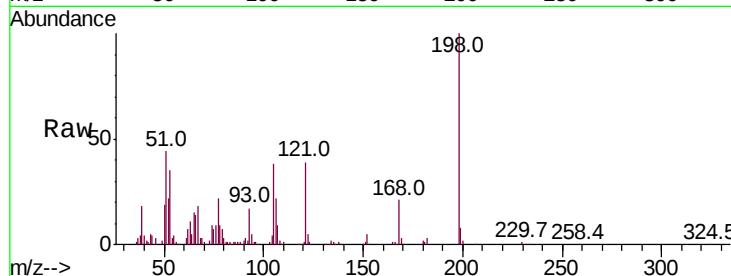
Tot Ion:198 Resp: 86303

Ion Ratio Lower Upper

198 100

51 44.1 35.9 75.9

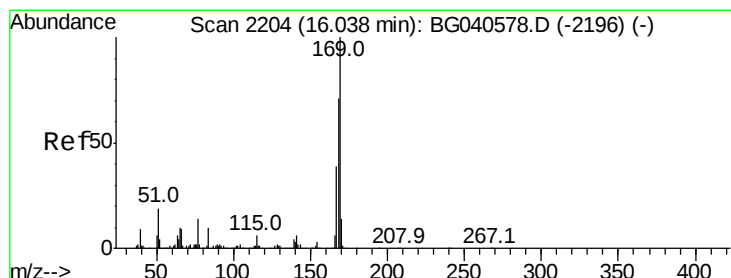
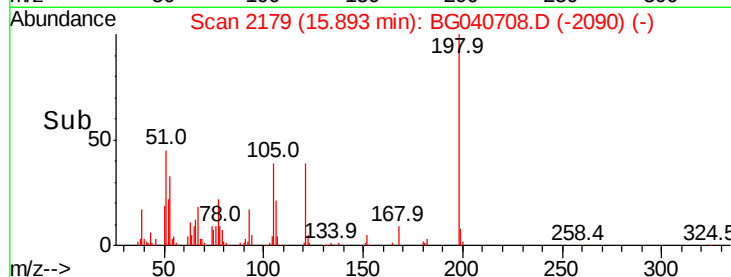
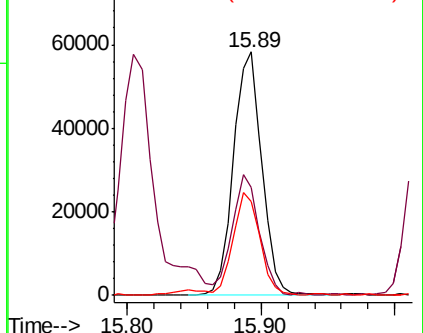
105 38.3 21.2 61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.598 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

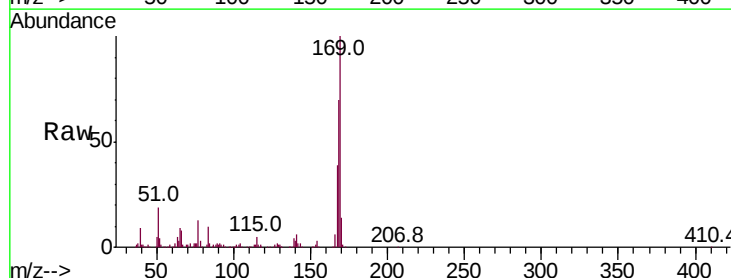
Tgt Ion:169 Resp: 438217

Ion Ratio Lower Upper

169 100

168 70.1 56.8 85.2

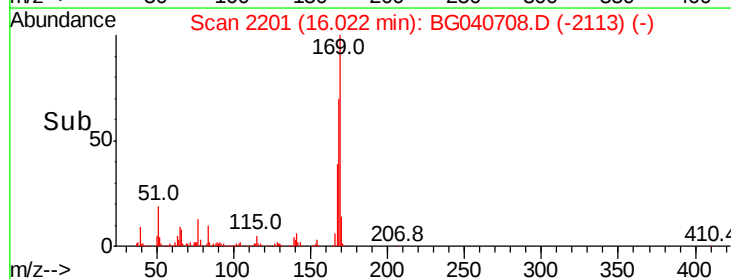
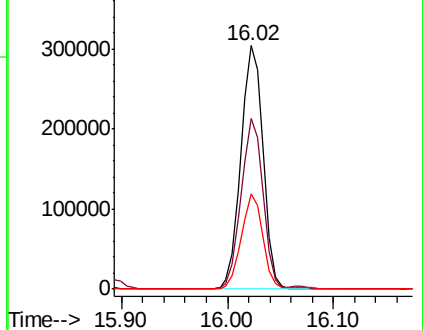
167 39.3 31.4 47.0

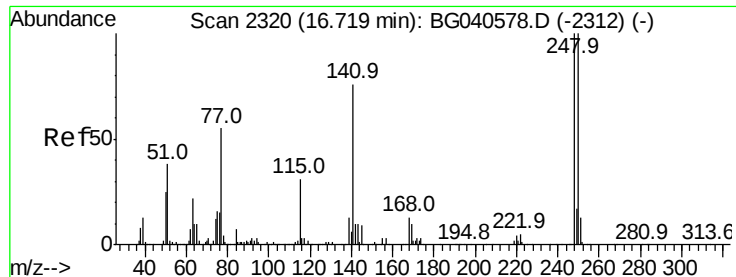


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

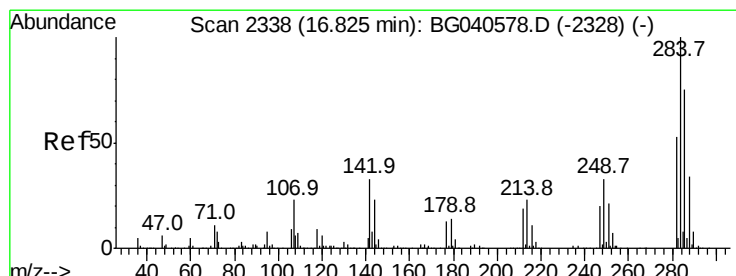
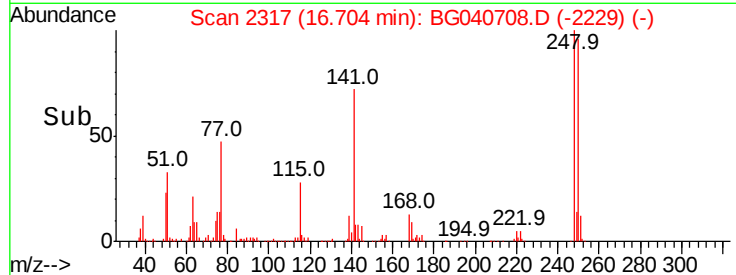
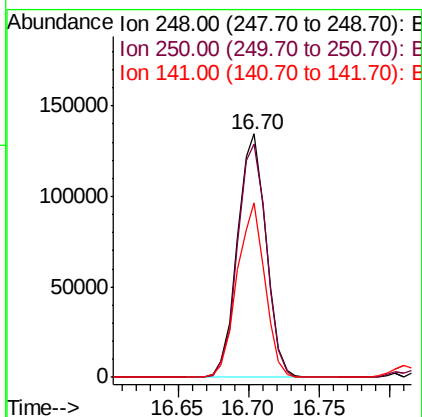
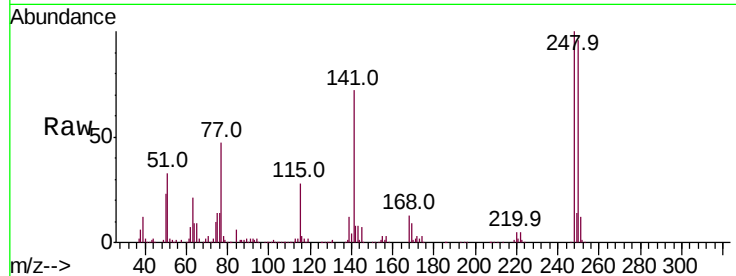




#67
 4-Bromophenyl-phenylether
 Concen: 39.579 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.02 min
 Lab File: BG040708.D
 Acq: 2 May 2019 15:50

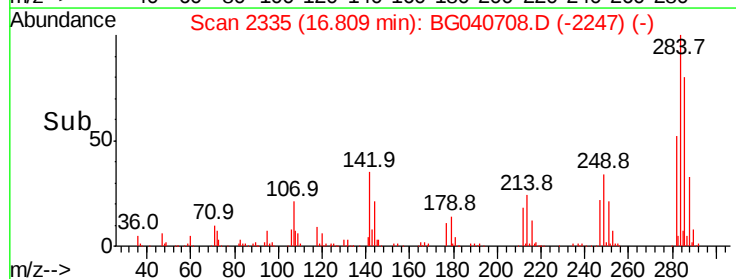
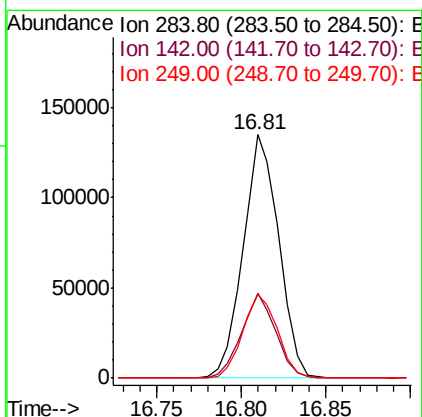
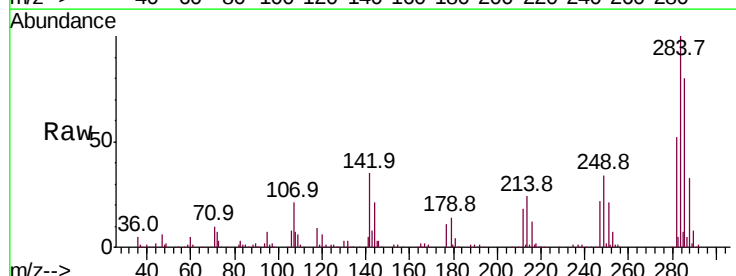
Instrument :
 BNA_G
 ClientSampleId :
 PB119403BS

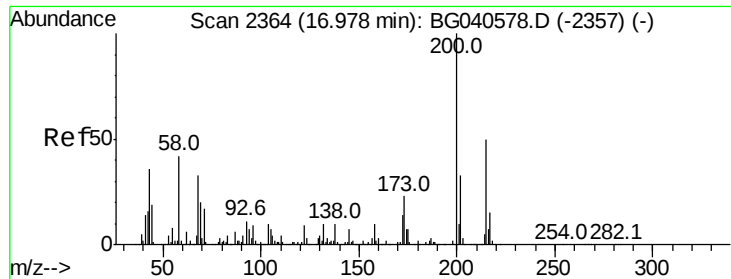
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	79.8	119.6
141	71.8	60.8	91.2



#68
 Hexachlorobenzene
 Concen: 39.663 ng
 RT: 16.81 min Scan# 2335
 Delta R.T. -0.02 min
 Lab File: BG040708.D
 Acq: 2 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	26.6	40.0
249	34.4	26.0	39.0

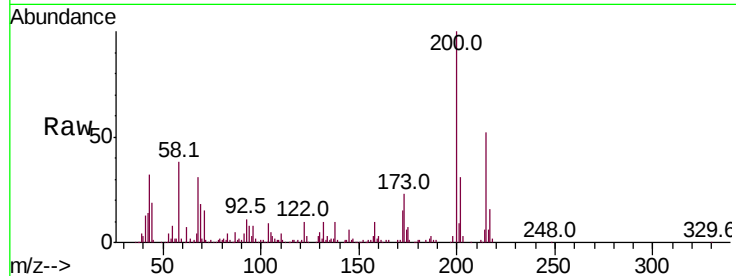




#69
Atrazine
Concen: 43.256 ng
RT: 16.96 min Scan# 2361
Delta R.T. -0.01 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

Instrument :
BNA_G
ClientSampleId :
PB119403BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.4	2.8	42.8
215	51.6	30.2	70.2

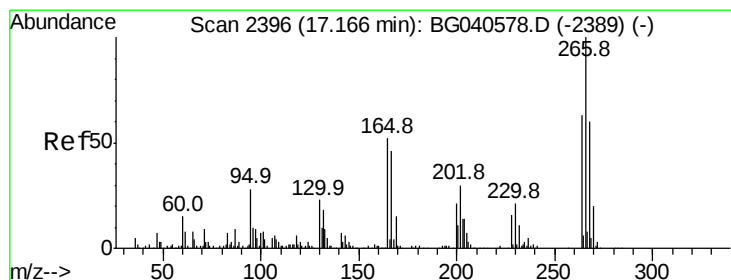
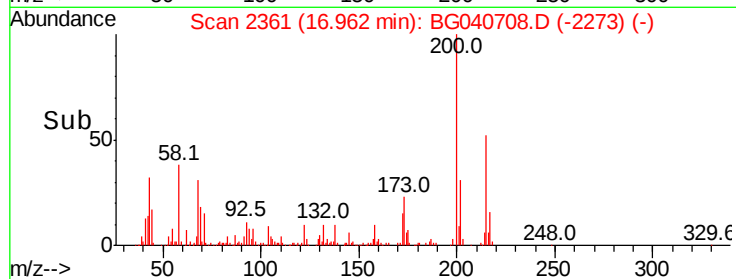
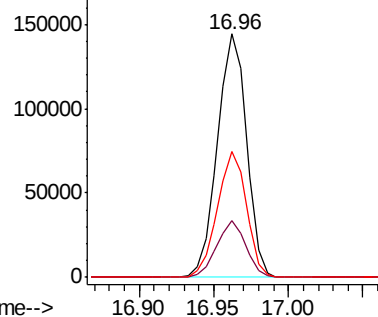


Abundance

Ion 200.00 (199.70 to 200.70): E

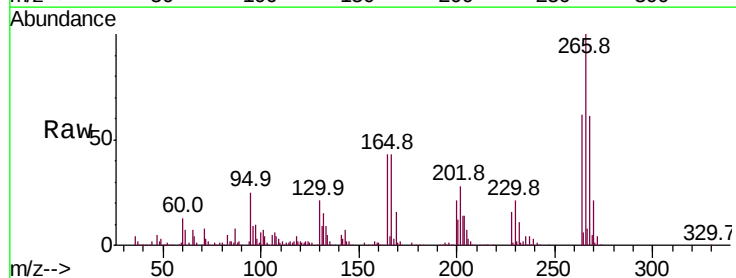
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 90.296 ng
RT: 17.16 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.7	52.3	78.5
264	61.6	50.0	75.0

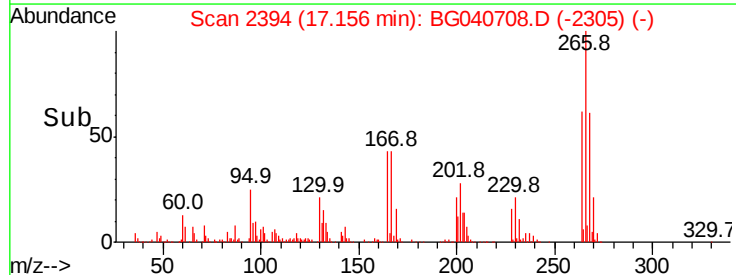
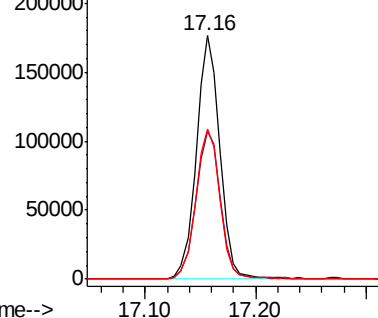


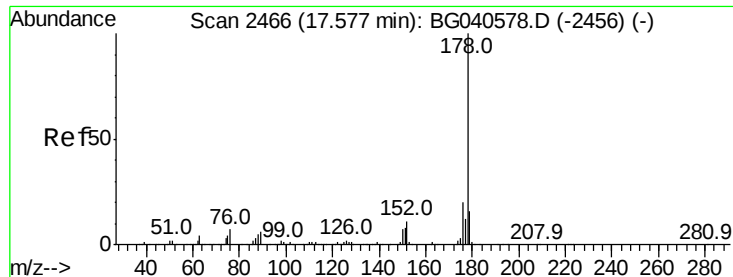
Abundance

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

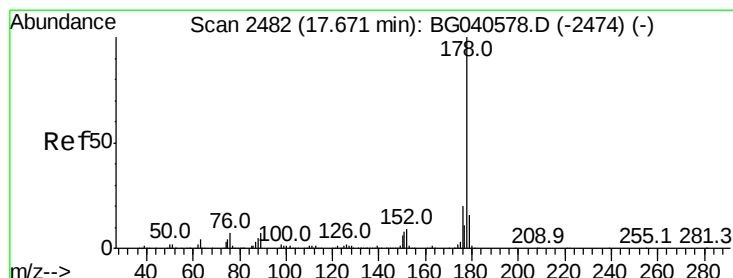
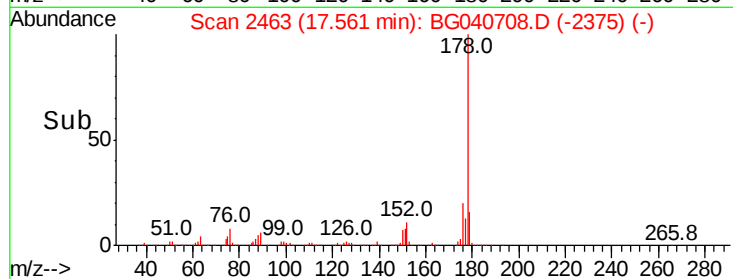
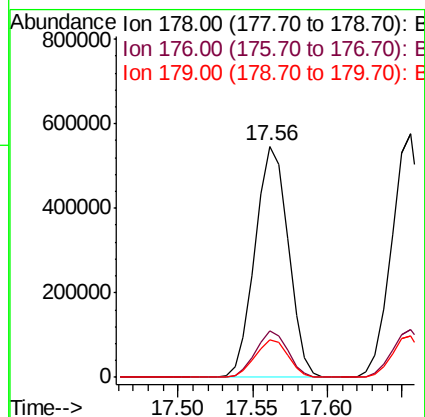
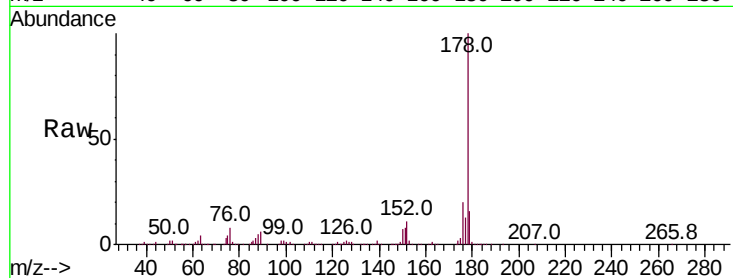




#71
Phenanthrene
Concen: 40.486 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

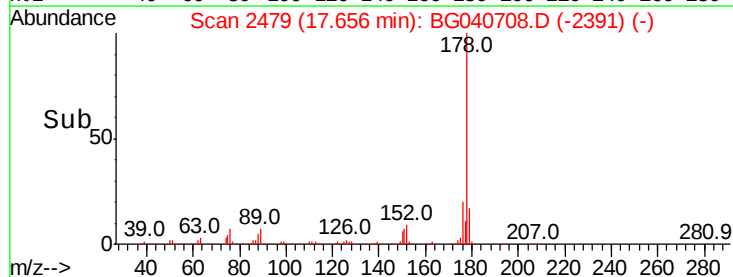
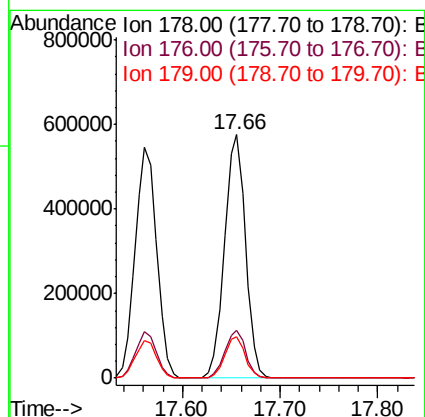
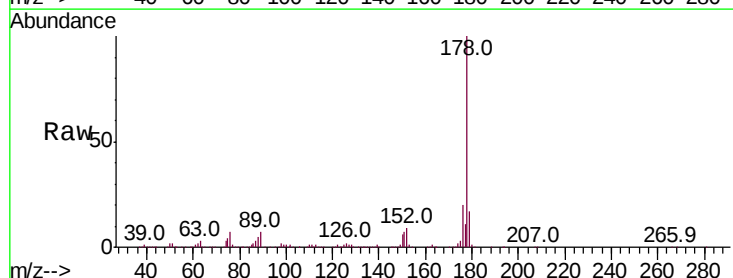
Instrument :
BNA_G
ClientSampleId :
PB119403BS

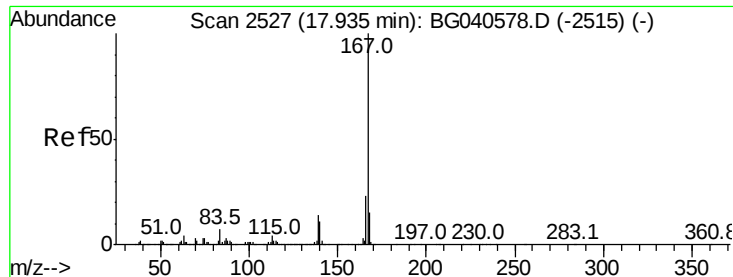
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	16.4	12.6	18.8



#72
Anthracene
Concen: 40.975 ng
RT: 17.66 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	16.8	12.9	19.3





#73

Carbazole

Concen: 40.373 ng

RT: 17.93 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

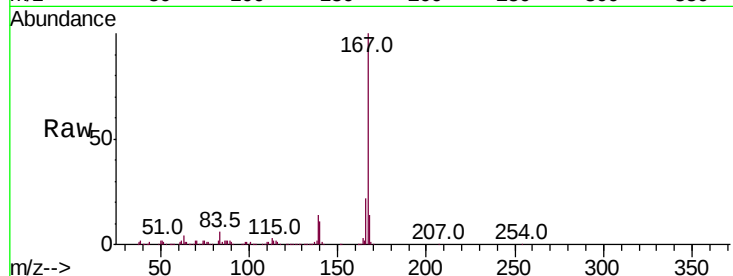
BNA_G

ClientSampleId :

PB119403BS

Tot Ion:167 Resp: 768507

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	13.6	11.4	17.0

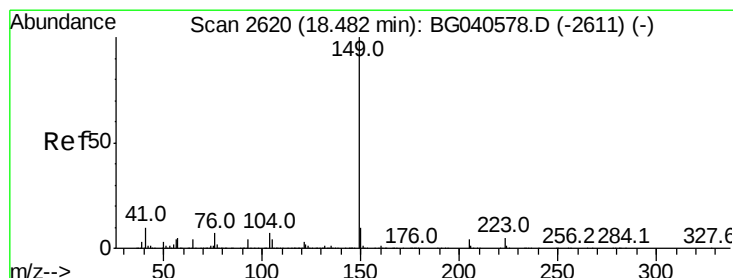
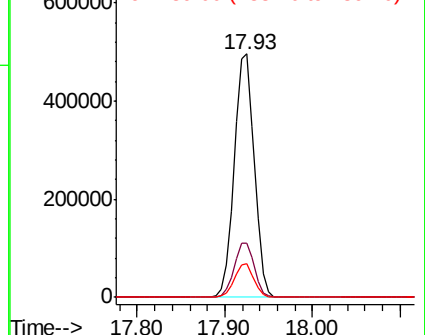
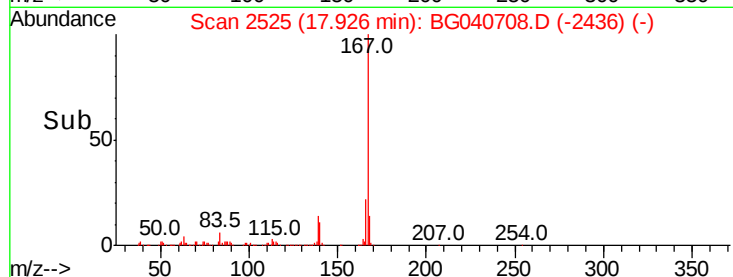


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.825 ng

RT: 18.46 min Scan# 2616

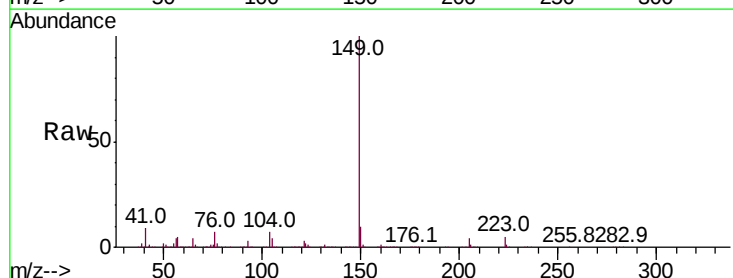
Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Tgt Ion:149 Resp: 937945

Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	7.2	5.4	8.2

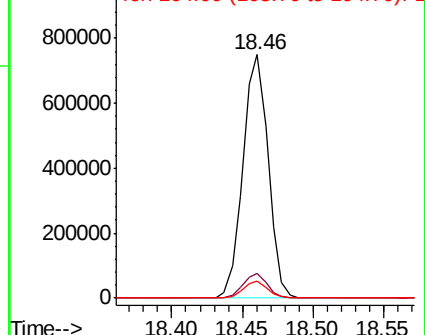
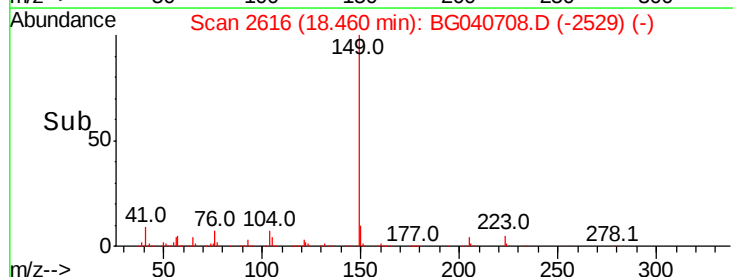


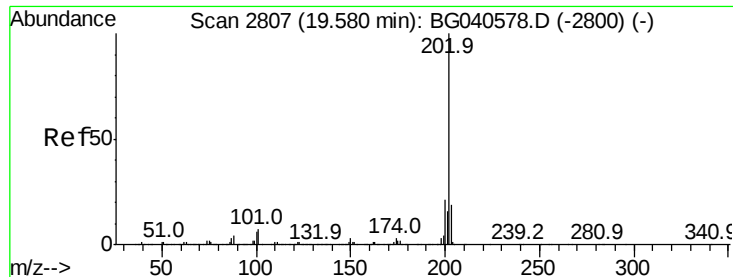
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.201 ng

RT: 19.57 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

BNA_G

ClientSampleId :

PB119403BS

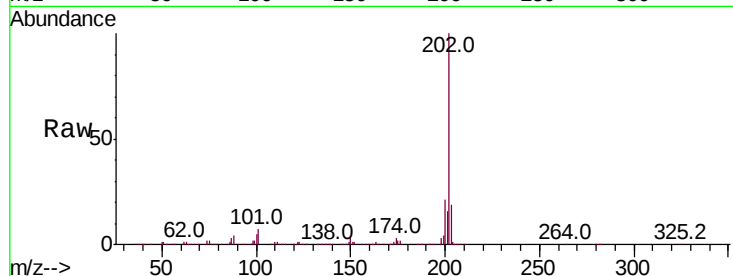
Tot Ion:202 Resp: 1118992

Ion Ratio Lower Upper

202 100

101 6.7 0.0 27.5

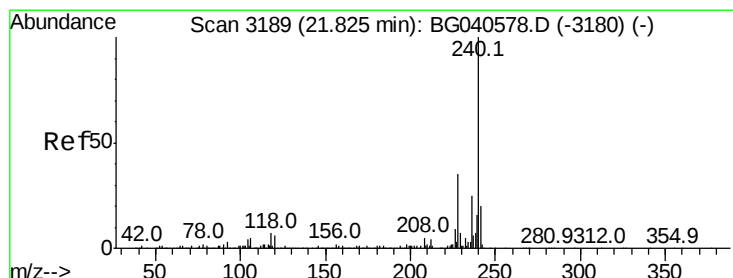
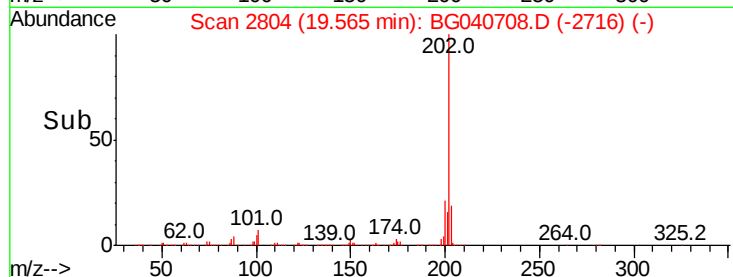
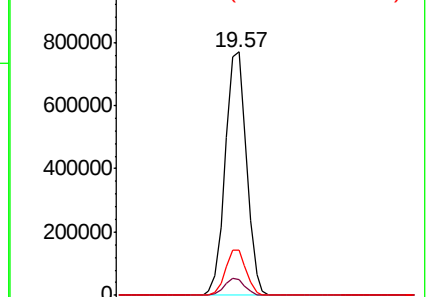
203 18.6 0.0 39.3



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: 21.80 min Scan# 3185

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

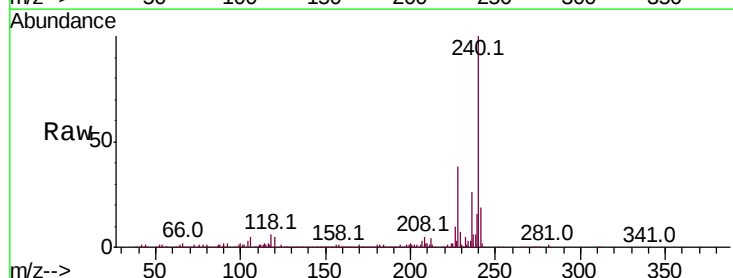
Tgt Ion:240 Resp: 422110

Ion Ratio Lower Upper

240 100

120 5.4 5.0 7.6

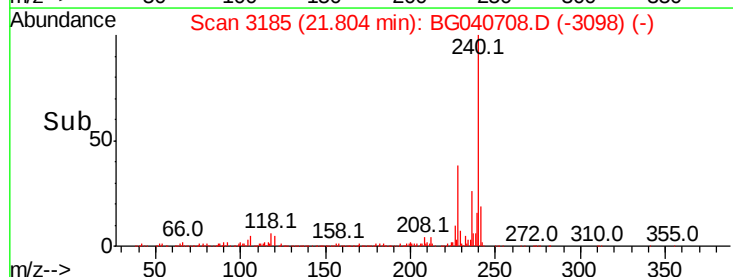
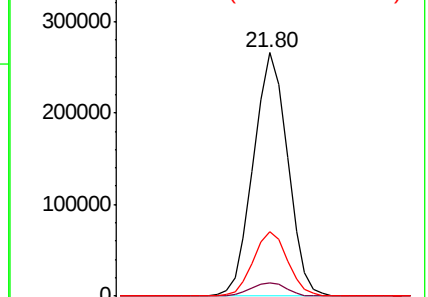
236 26.2 20.3 30.5

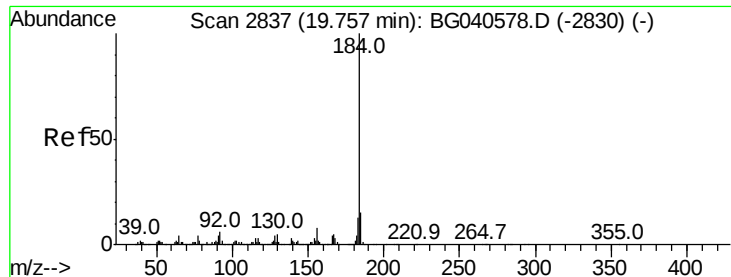


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.215 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

BNA_G

ClientSampleId :

PB119403BS

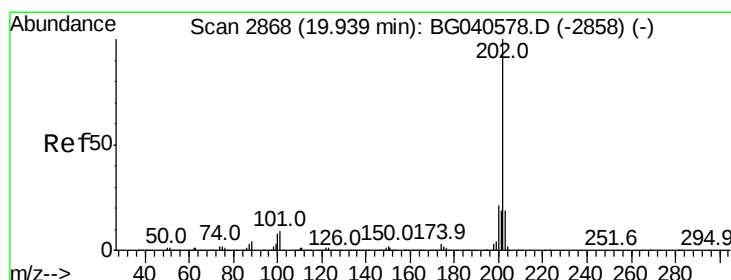
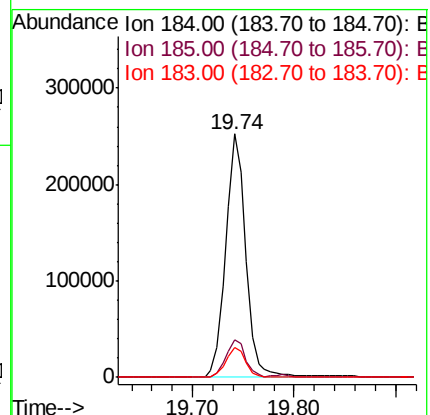
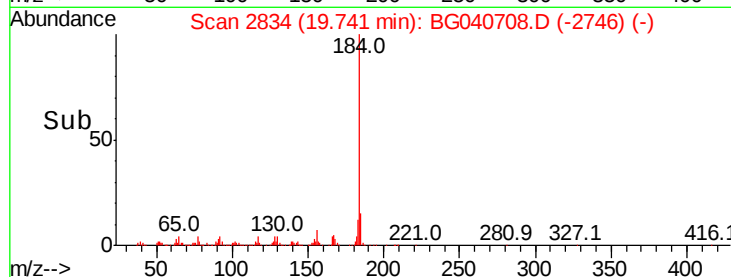
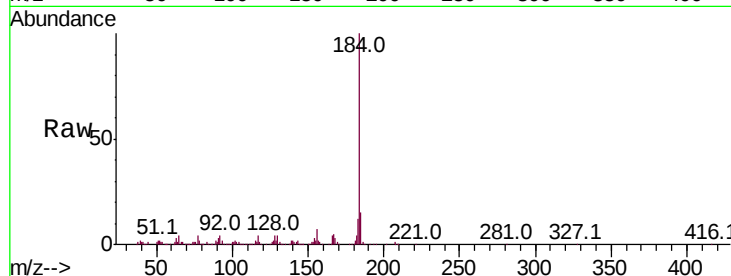
Tot Ion:184 Resp: 349214

Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.8

183 12.1 10.2 15.2



#78

Pyrene

Concen: 41.524 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

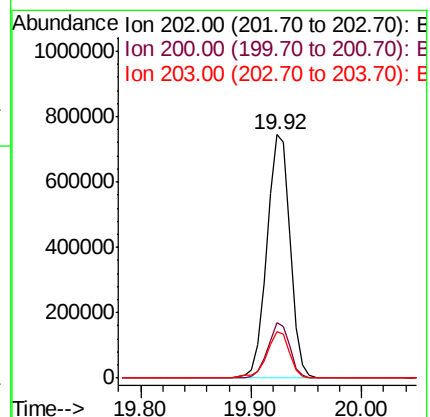
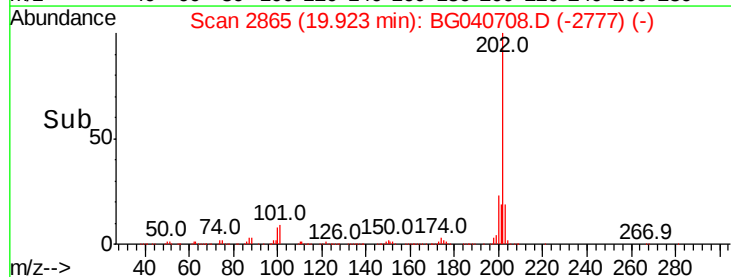
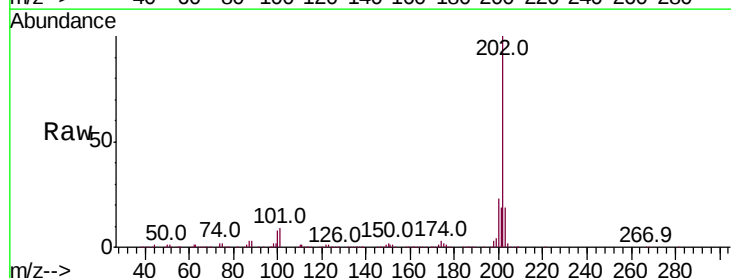
Tgt Ion:202 Resp: 1098552

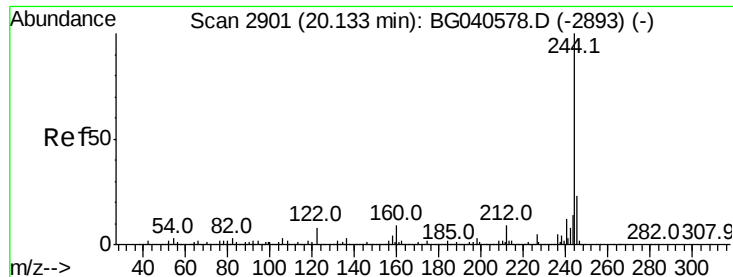
Ion Ratio Lower Upper

202 100

200 22.9 17.2 25.8

203 18.9 15.0 22.4





#79

Terphenyl-d14

Concen: 75.949 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

BNA_G

ClientSampled :

PB119403BS

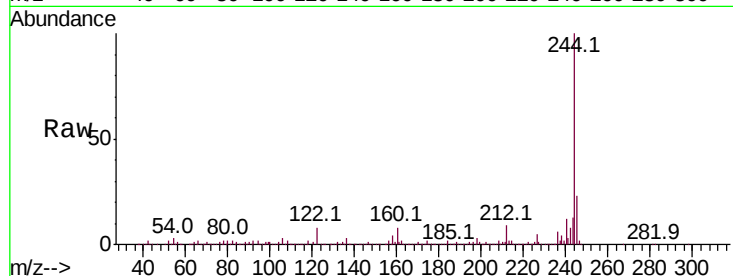
Tot Ion:244 Resp: 1447069

Ion Ratio Lower Upper

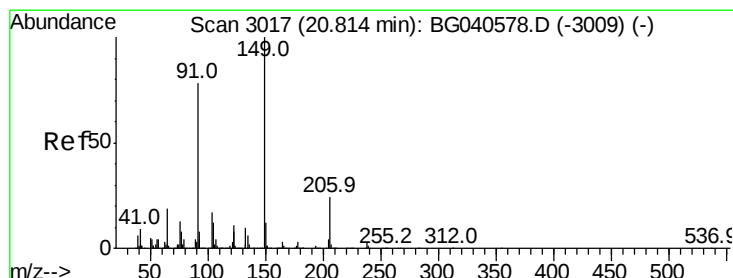
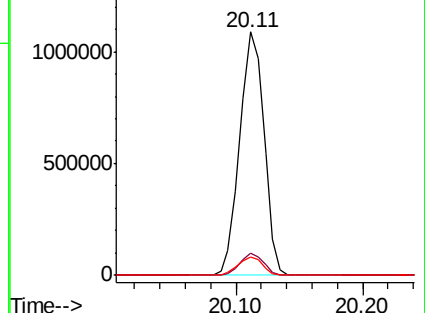
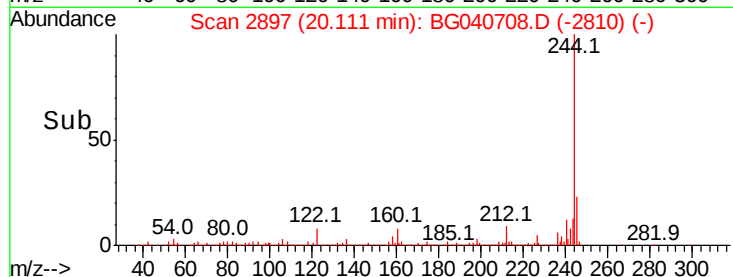
244 100

212 9.1 7.2 10.8

122 7.6 6.6 10.0



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: 40.970 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

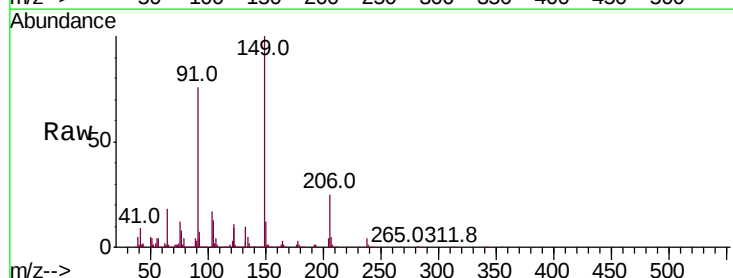
Tgt Ion:149 Resp: 422458

Ion Ratio Lower Upper

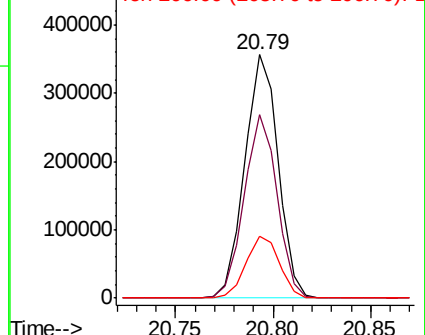
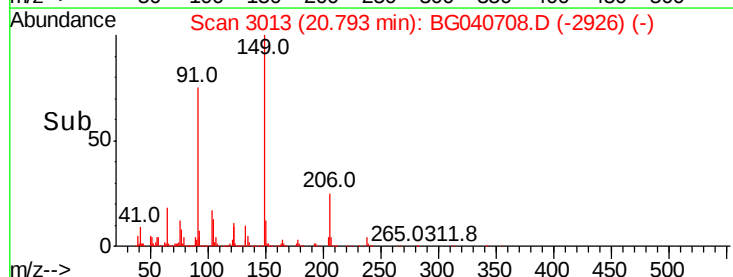
149 100

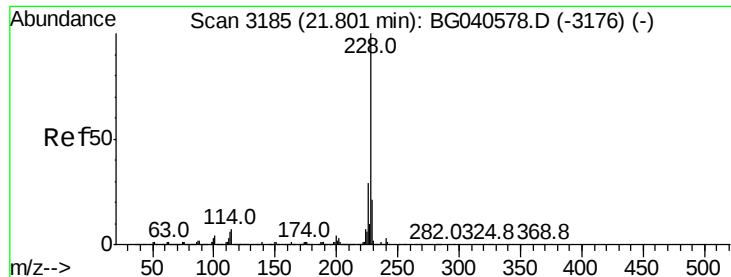
91 75.5 62.6 93.8

206 25.4 19.4 29.2



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: 39.145 ng

RT: 21.79 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

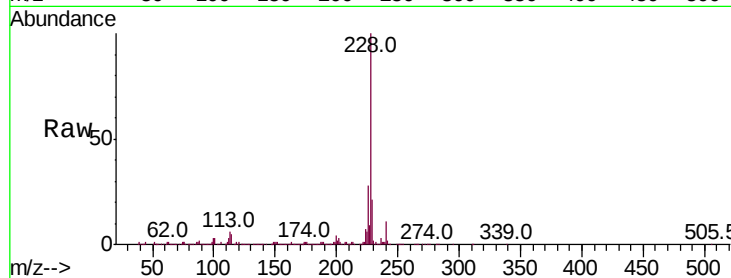
BNA_G

ClientSampleId :

PB119403BS

Tot Ion:228 Resp: 1044290

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.1	34.7
229	20.9	17.0	25.4

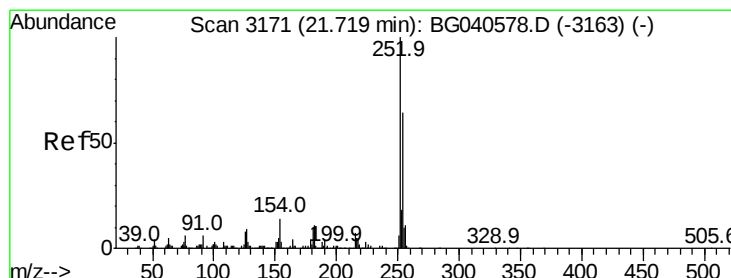
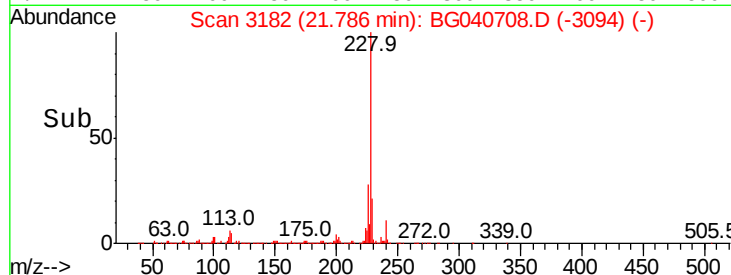
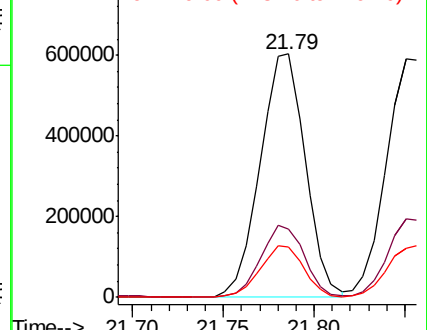


Abundance

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: 31.491 ng

RT: 21.70 min Scan# 3167

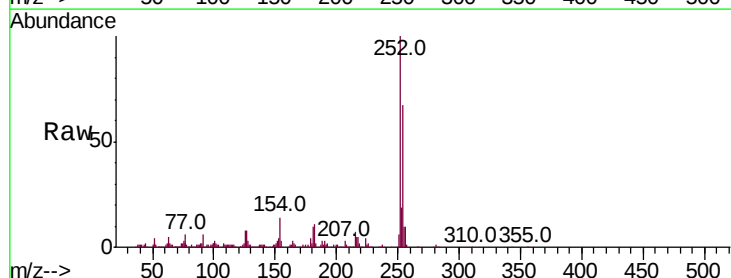
Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Tgt Ion:252 Resp: 299438

Ion	Ratio	Lower	Upper
252	100		
254	67.4	51.2	76.8
126	7.7	6.6	10.0

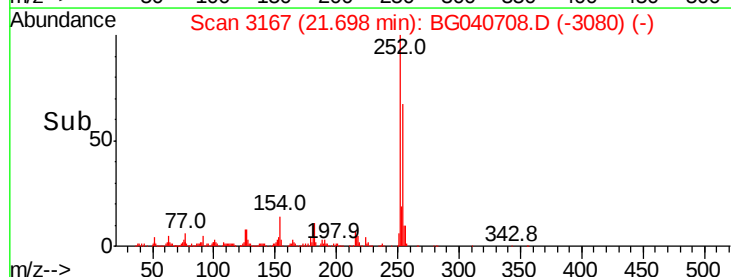
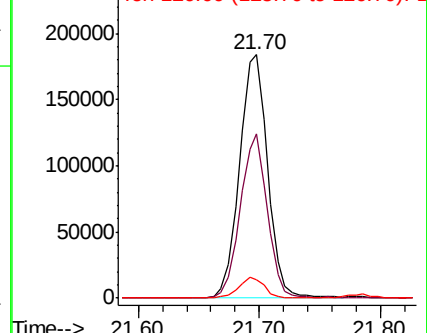


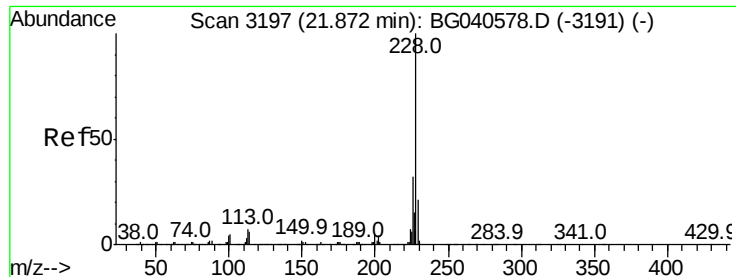
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.559 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

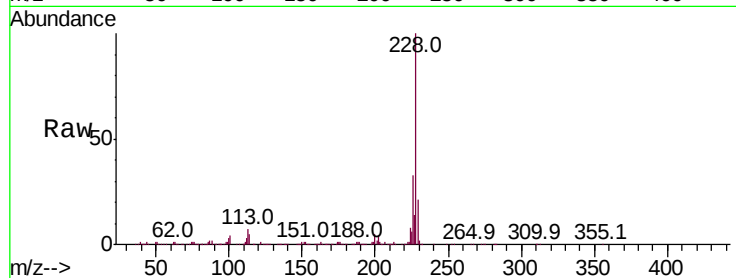
BNA_G

ClientSampleId :

PB119403BS

Tot Ion:228 Resp: 1029034

Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.5	38.3
229	20.8	16.8	25.2

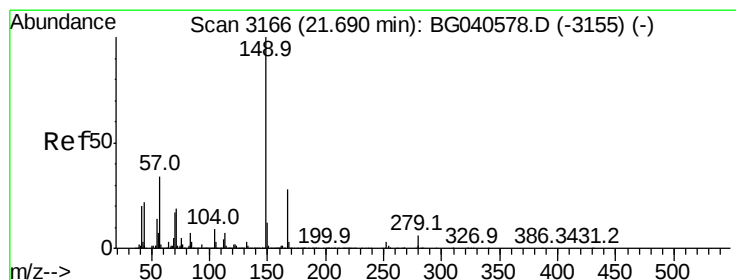
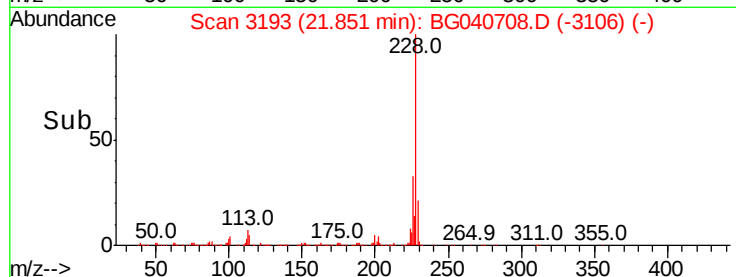
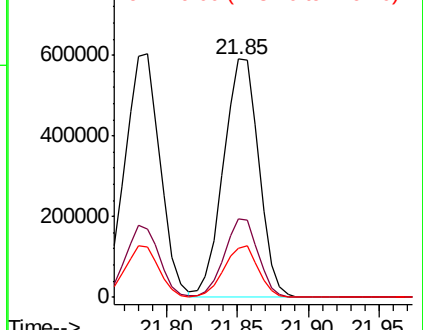


Abundance

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: 39.332 ng

RT: 21.66 min Scan# 3160

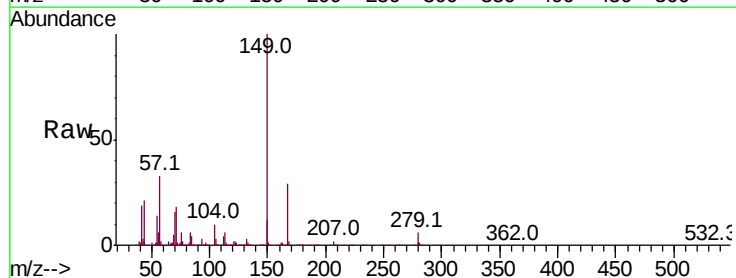
Delta R.T. -0.03 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Tgt Ion:149 Resp: 585442

Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.4	33.6
279	6.0	4.6	6.8

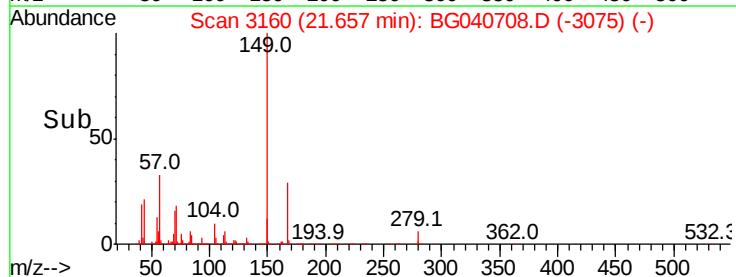
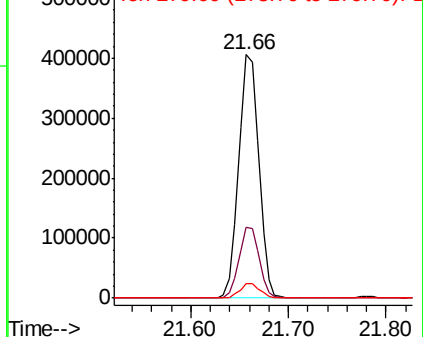


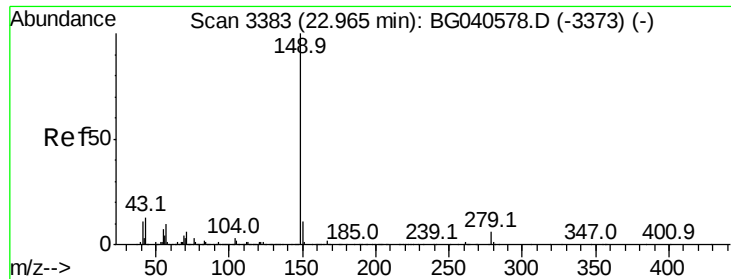
Abundance

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: 39.929 ng

RT: 22.92 min Scan# 3375

Delta R.T. -0.04 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

BNA_G

ClientSampleId :

PB119403BS

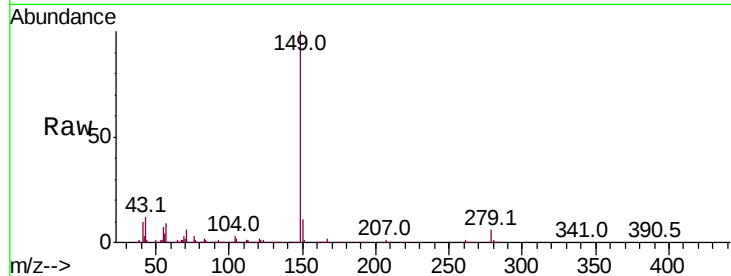
Tot Ion:149 Resp: 1000927

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

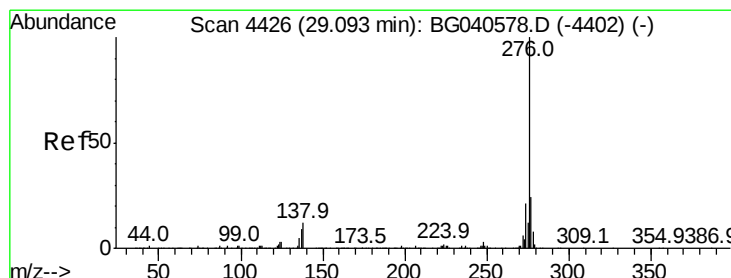
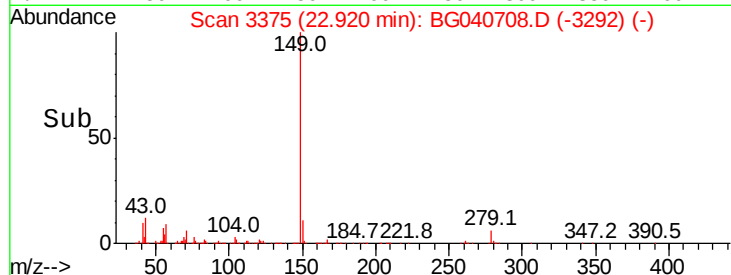
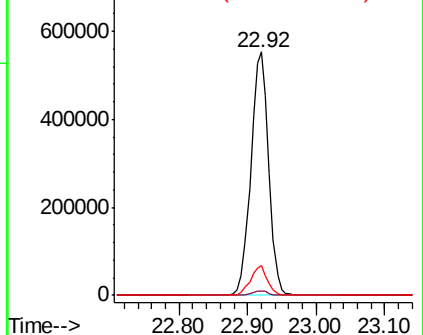
43 11.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.225 ng

RT: 29.02 min Scan# 4414

Delta R.T. -0.07 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

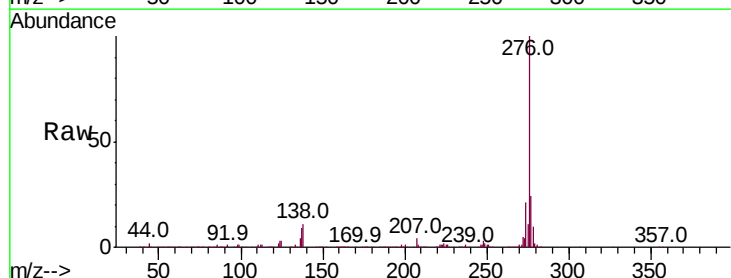
Tgt Ion:276 Resp: 1203230

Ion Ratio Lower Upper

276 100

138 14.1 9.8 14.6

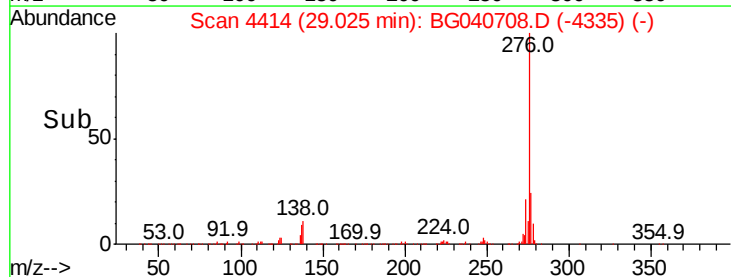
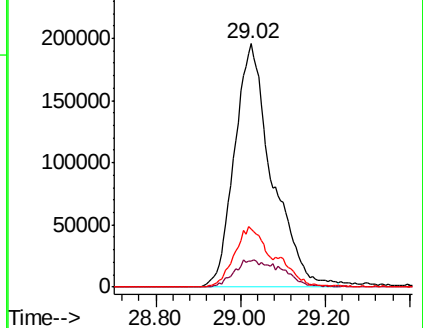
277 20.2 17.3 25.9

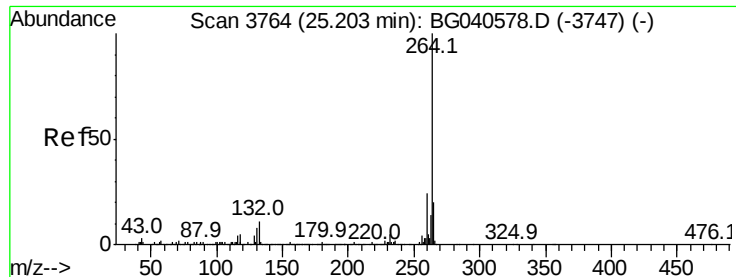


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



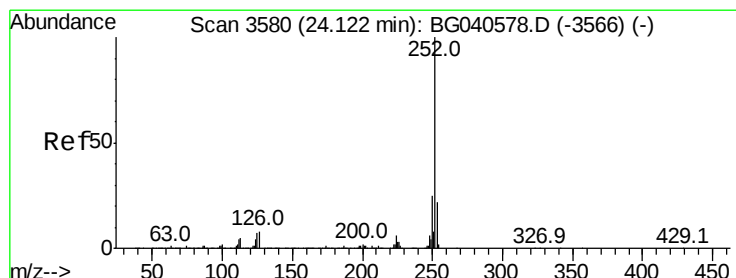
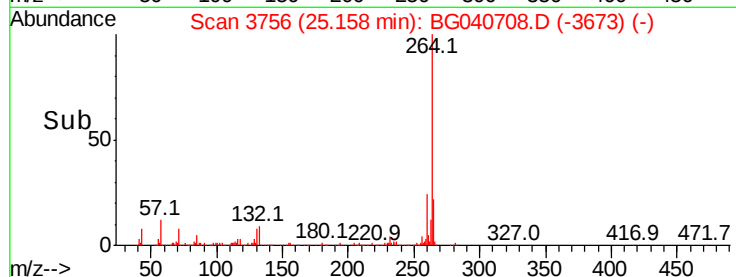
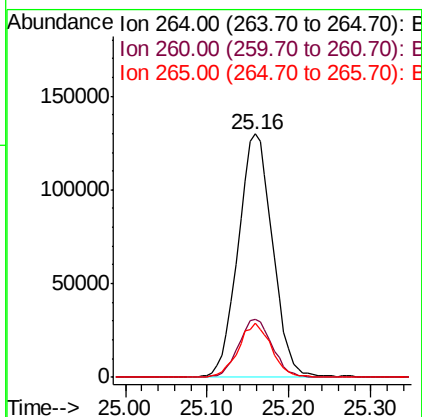
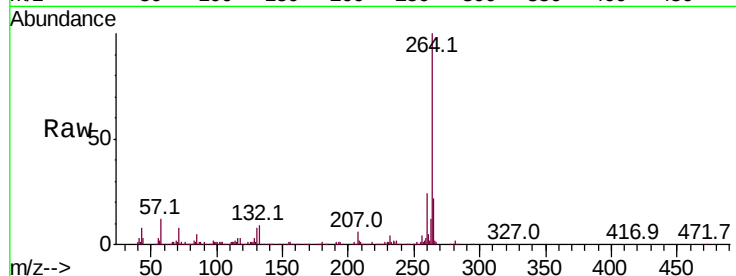


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3756
Delta R.T. -0.04 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

Instrument :
BNA_G
ClientSampleId :
PB119403BS

Tot Ion:264 Resp: 379551

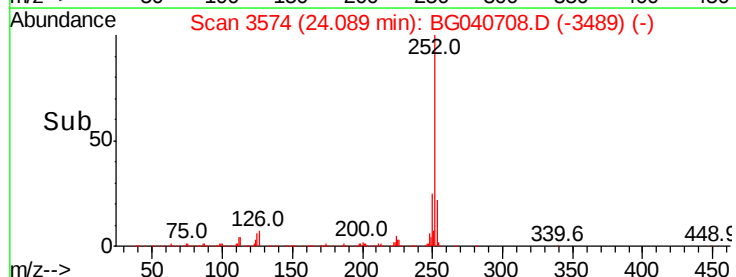
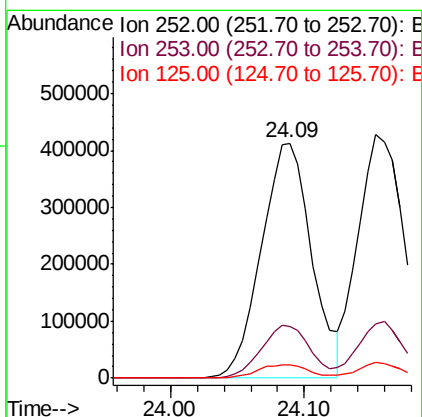
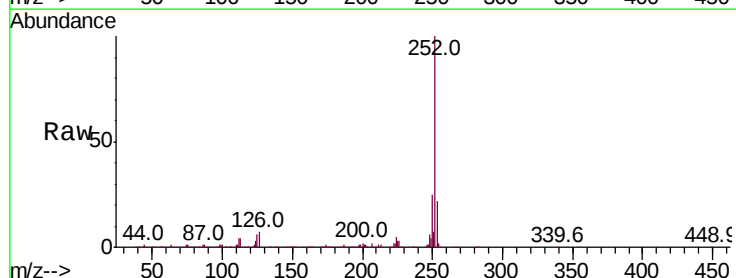
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.5	16.6	25.0

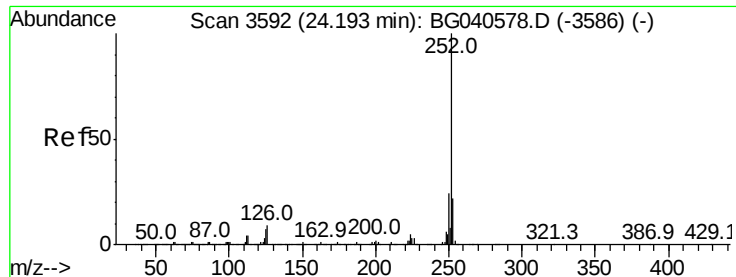


#88
Benzo(b)fluoranthene
Concen: 46.590 ng
RT: 24.09 min Scan# 3574
Delta R.T. -0.03 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

Tgt Ion:252 Resp: 1080604

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	5.9	5.4	8.0

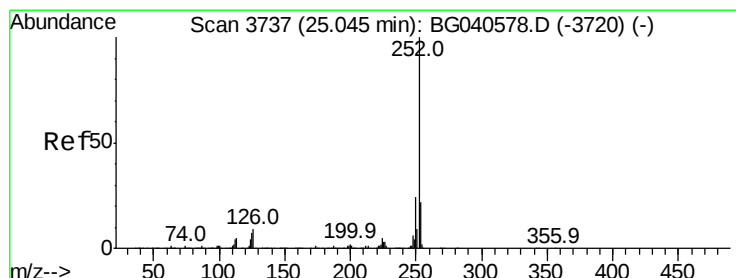
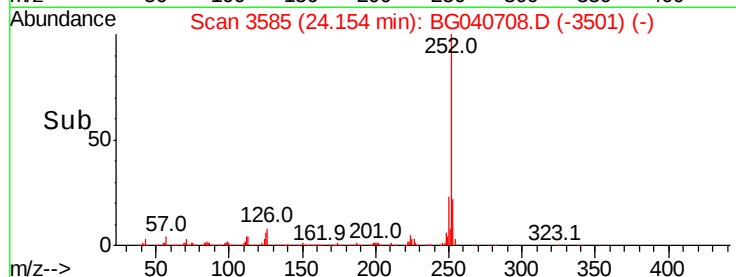
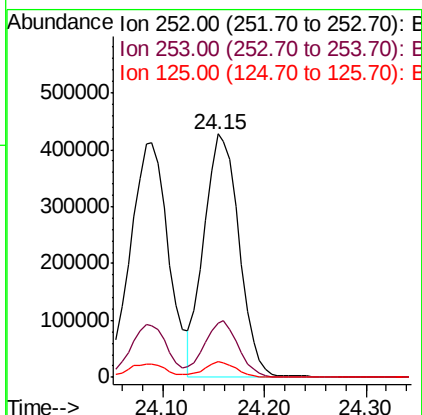
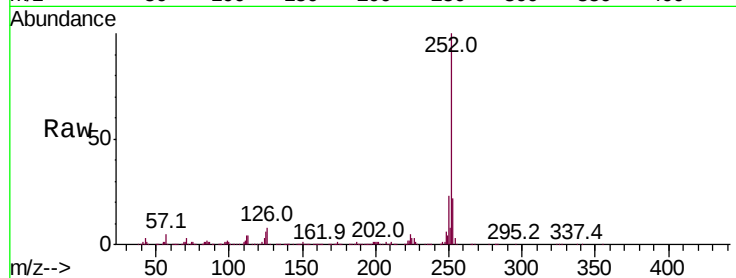




#89
Benzo(k)fluoranthene
Concen: 47.241 ng
RT: 24.15 min Scan# 3585
Delta R.T. -0.04 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

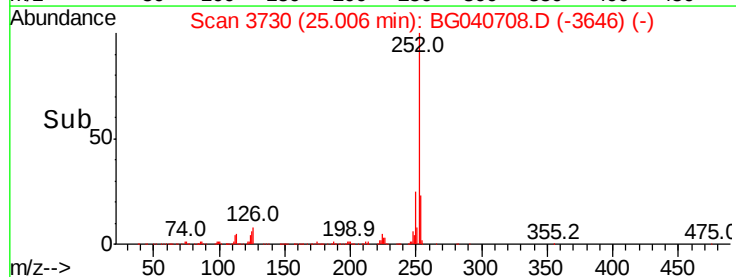
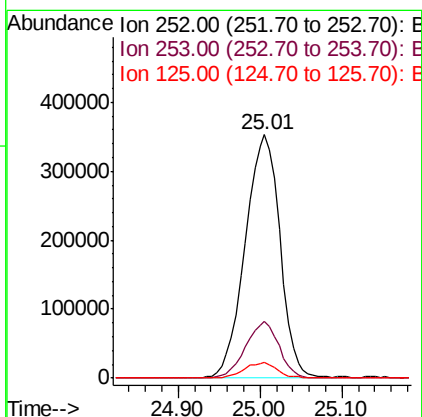
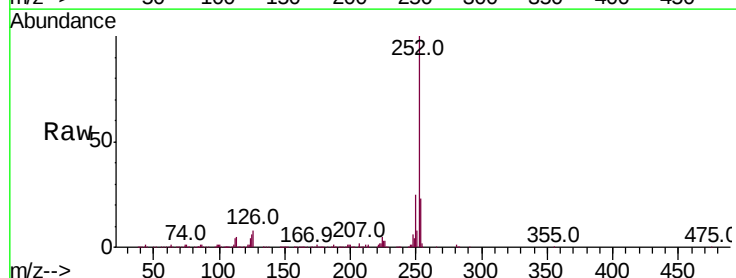
Instrument :
BNA_G
ClientSampleID :
PB119403BS

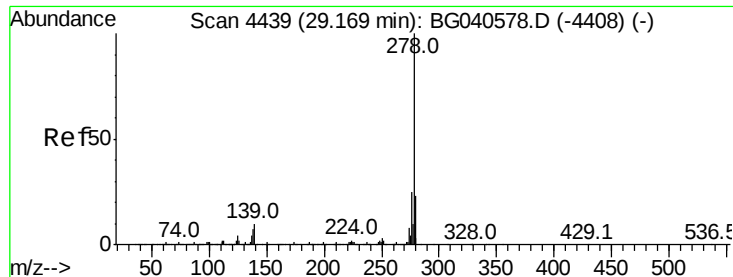
Tot Ion:252 Resp: 1023273
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 6.3 5.5 8.3



#90
Benzo(a)pyrene
Concen: 47.485 ng
RT: 25.01 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG040708.D
Acq: 2 May 2019 15:50

Tgt Ion:252 Resp: 1042520
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.6
125 6.5 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 43.880 ng

RT: 29.10 min Scan# 4426

Delta R.T. -0.07 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

Instrument :

BNA_G

ClientSampleId :

PB119403BS

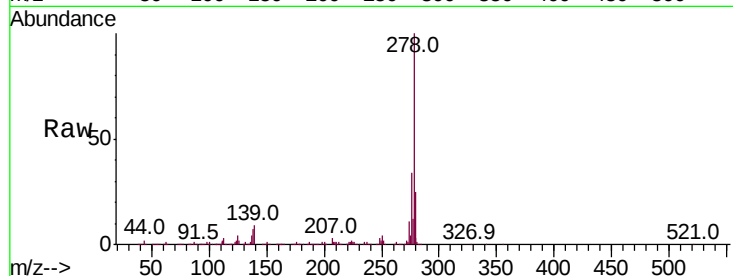
Tot Ion:278 Resp: 974919

Ion Ratio Lower Upper

278 100

139 9.0 8.2 12.4

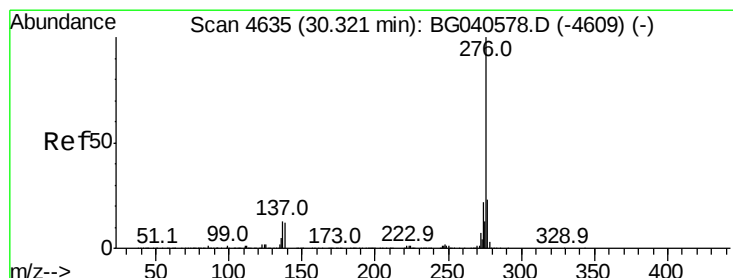
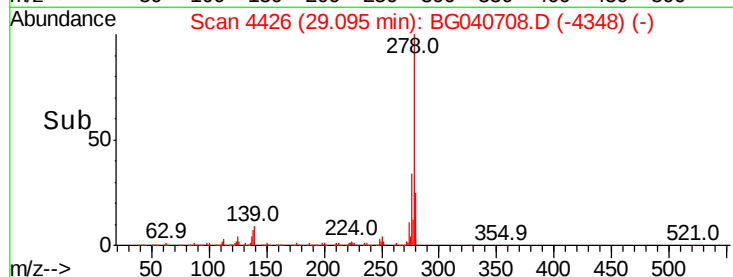
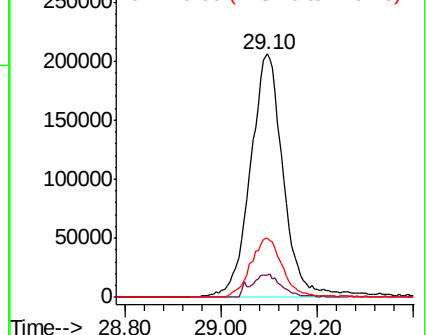
279 24.6 18.5 27.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.614 ng

RT: 30.24 min Scan# 4621

Delta R.T. -0.08 min

Lab File: BG040708.D

Acq: 2 May 2019 15:50

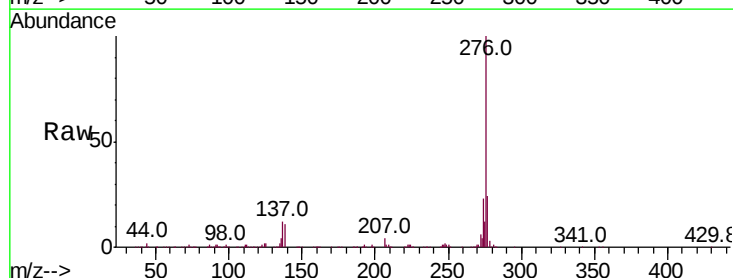
Tgt Ion:276 Resp: 986496

Ion Ratio Lower Upper

276 100

277 23.6 18.4 27.6

138 11.3 9.8 14.6



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

