

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
 Data File : BG040606.D
 Acq On : 25 Apr 2019 12:20
 Operator : JU/SJ
 Sample : PB119170BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119170BS

Quant Time: Apr 25 22:53:40 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	8.16	152	39460	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	158567	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	113619	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	296633	20.00	ng	0.00
76) Chrysene-d12	21.82	240	369111	20.00	ng	0.00
87) Perylene-d12	25.20	264	349363	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	324674	145.04	ng	0.00
7) Phenol-d6	7.29	99	473192	137.29	ng	0.00
23) Nitrobenzene-d5	9.33	82	278284	81.09	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	208795	133.70	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	588633	74.82	ng	0.00
79) Terphenyl-d14	20.13	244	1289606	77.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	42741	41.983	ng	97
3) Pyridine	3.96	79	105159	35.637	ng	96
4) n-Nitrosodimethylamine	3.87	42	69998	42.767	ng	# 93
6) Aniline	7.48	93	144460	31.621	ng	98
8) 2-Chlorophenol	7.71	128	117166	42.865	ng	93
9) Benzaldehyde	7.29	77	42453	16.368	ng	# 86
10) Phenol	7.32	94	164824	44.487	ng	91
11) bis(2-Chloroethyl)ether	7.58	93	111103	39.989	ng	97
12) 1,3-Dichlorobenzene	8.04	146	116152	38.933	ng	95
13) 1,4-Dichlorobenzene	8.19	146	118940	39.327	ng	99
14) 1,2-Dichlorobenzene	8.52	146	115238	39.510	ng	95
15) Benzyl Alcohol	8.39	79	146782	40.928	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	225541	40.774	ng	100
17) 2-Methylphenol	8.59	107	113785	43.396	ng	94
18) Hexachloroethane	9.24	117	49257	39.703	ng	92
19) n-Nitroso-di-n-propylamine	8.96	70	114102	36.776	ng	96
20) 3+4-Methylphenols	8.91	107	156951	42.969	ng	97
22) Acetophenone	8.99	105	193139	43.802	ng	# 97
24) Nitrobenzene	9.38	77	167404	45.721	ng	97
25) Isophorone	9.90	82	318557	41.673	ng	99
26) 2-Nitrophenol	10.09	139	61233	46.655	ng	94
27) 2,4-Dimethylphenol	10.13	122	125795	51.083	ng	98
28) bis(2-Chloroethoxy)methane	10.38	93	159948	41.705	ng	100
29) 2,4-Dichlorophenol	10.61	162	132402	47.293	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	132183	42.576	ng	95
31) Naphthalene	11.04	128	359849	42.716	ng	97
32) Benzoic acid	10.24	122	68888	40.863	ng	88
33) 4-Chloroaniline	11.14	127	89780	24.037	ng	95
34) Hexachlorobutadiene	11.30	225	96837	42.249	ng	97
35) Caprolactam	11.91	113	47599	43.064	ng	96
36) 4-Chloro-3-methylphenol	12.23	107	159972	45.295	ng	97
37) 2-Methylnaphthalene	12.63	142	269385	42.769	ng	98
38) 1-Methylnaphthalene	12.85	142	254912	41.405	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	175074	41.363	ng	98

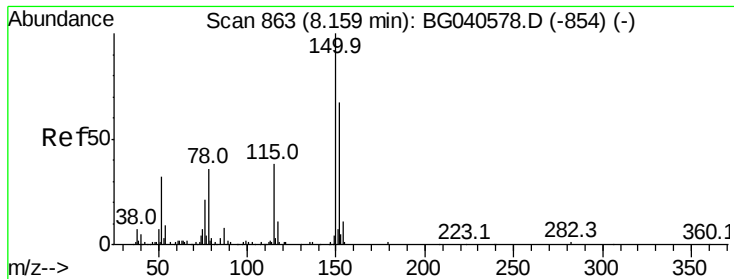
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
 Data File : BG040606.D
 Acq On : 25 Apr 2019 12:20
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 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	239980	96.085	nq	99
43) 2,4,6-Trichlorophenol	13.22	196	118170	46.200	nq	99
44) 2,4,5-Trichlorophenol	13.29	196	128502	46.119	nq	98
46) 1,1'-Biphenyl	13.63	154	365457	41.428	nq	97
47) 2-Chloronaphthalene	13.67	162	289910	41.994	nq	99
48) 2-Nitroaniline	13.87	65	123611	50.301	nq	98
49) Acenaphthylene	14.51	152	469317	40.069	nq	99
50) Dimethylphthalate	14.24	163	399626	42.038	nq	98
51) 2,6-Dinitrotoluene	14.36	165	84460	45.523	nq	93
52) Acenaphthene	14.85	154	274465	40.238	nq	95
53) 3-Nitroaniline	14.69	138	62435	32.843	nq	96
54) 2,4-Dinitrophenol	14.89	184	57851	57.453	nq	# 85
55) Dibenzofuran	15.18	168	472423	42.285	nq	98
56) 4-Nitrophenol	14.98	139	156444	94.908	nq	100
57) 2,4-Dinitrotoluene	15.14	165	124771	49.491	nq	97
58) Fluorene	15.83	166	375740	41.609	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	133705	47.675	nq	98
60) Diethylphthalate	15.59	149	433590	43.230	nq	99
61) 4-Chlorophenyl-phenylether	15.82	204	222403	42.346	nq	97
62) 4-Nitroaniline	15.85	138	100607	47.311	nq	99
63) Azobenzene	16.11	77	443329	42.919	nq	99
65) 4,6-Dinitro-2-methylphenol	15.90	198	53061	38.034	nq	97
66) n-Nitrosodiphenylamine	16.04	169	352834	40.429	nq	99
67) 4-Bromophenyl-phenylether	16.72	248	148572	40.202	nq	99
68) Hexachlorobenzene	16.82	284	154031	40.308	nq	99
69) Atrazine	16.98	200	154568	44.702	nq	99
70) Pentachlorophenol	17.17	266	200132	89.500	nq	98
71) Phenanthrene	17.58	178	679742	42.544	nq	99
72) Anthracene	17.66	178	699874	43.579	nq	99
73) Carbazole	17.93	167	656977	44.900	nq	99
74) Di-n-butylphthalate	18.47	149	822939	46.598	nq	99
75) Fluoranthene	19.57	202	941462	47.285	nq	98
77) Benzidine	19.76	184	388474	38.438	nq	99
78) Pyrene	19.94	202	961291	41.553	nq	100
80) Butylbenzylphthalate	20.81	149	390352	43.292	nq	99
81) Benzo(a)anthracene	21.81	228	936458	40.143	nq	99
82) 3,3'-Dichlorobenzidine	21.71	252	203053	24.421	nq	97
83) Chrysene	21.87	228	923613	41.631	nq	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	541296	41.588	nq	97
85) Di-n-octyl phthalate	22.96	149	923580	42.134	nq	97
86) Indeno(1,2,3-cd)pyrene	29.09	276	1090447	40.653	nq	# 91
88) Benzo(b)fluoranthene	24.12	252	955037	44.734	nq	99
89) Benzo(k)fluoranthene	24.19	252	905918	45.437	nq	99
90) Benzo(a)pyrene	25.05	252	914285	45.242	nq	97
91) Dibenzo(a,h)anthracene	29.17	278	903719	44.191	nq	97
92) Benzo(g,h,i)perylene	30.33	276	899303	44.185	nq	96

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

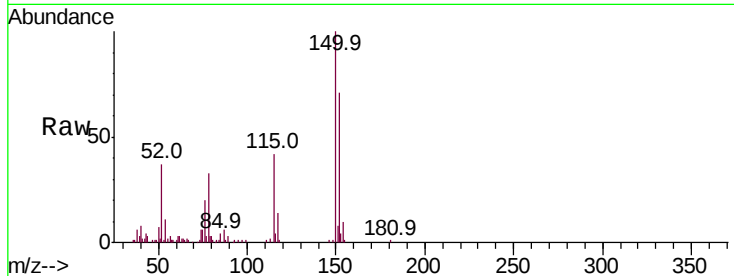


#1

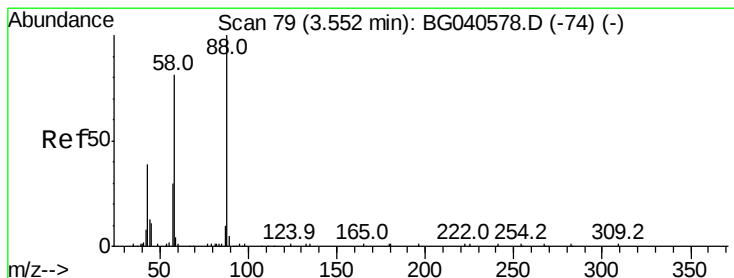
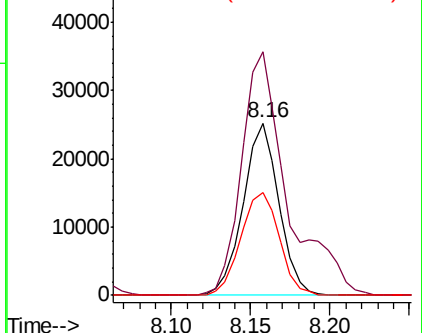
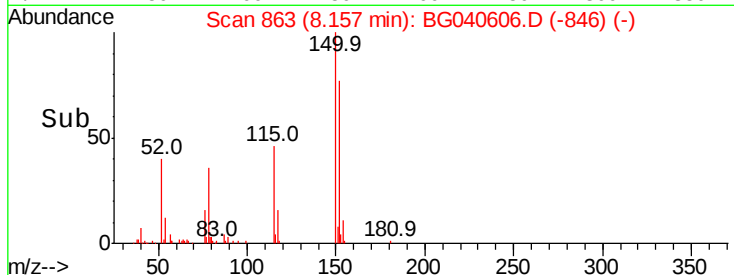
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

Instrument :
BNA_G
ClientSampleId :
PB119170BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.2	120.2	180.2
115	59.4	46.2	69.2



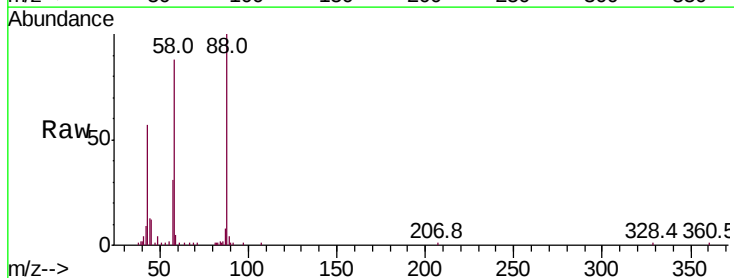
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



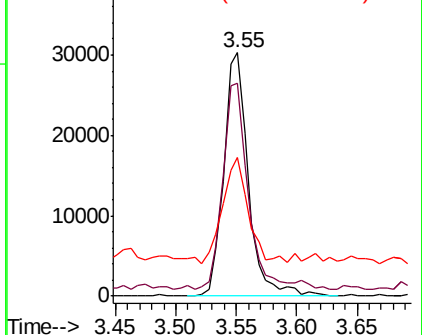
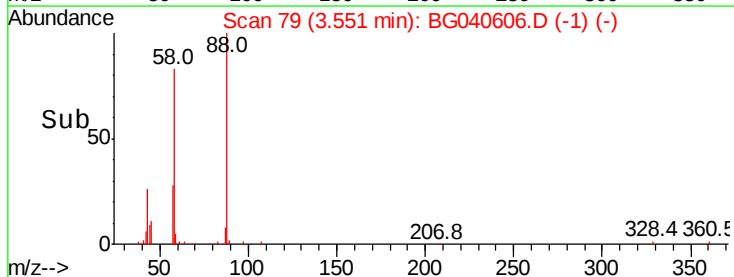
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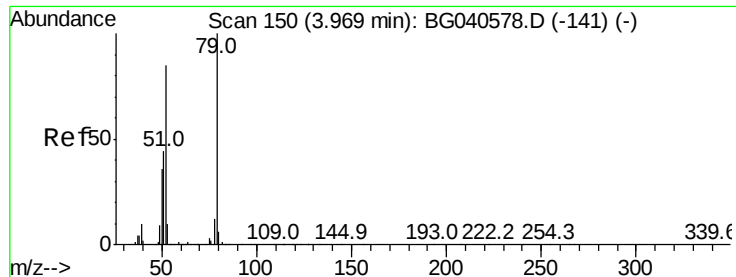
1,4-Dioxane
Concen: 41.983 ng
RT: 3.55 min Scan# 79
Delta R.T. -0.00 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.3	71.2	106.8
43	44.9	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: 35.637 ng

RT: 3.96 min Scan# 148

Delta R.T. -0.01 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB119170BS

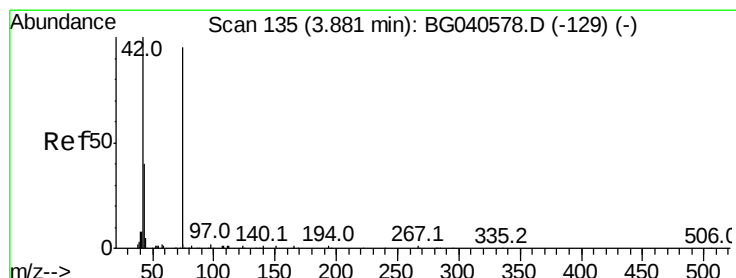
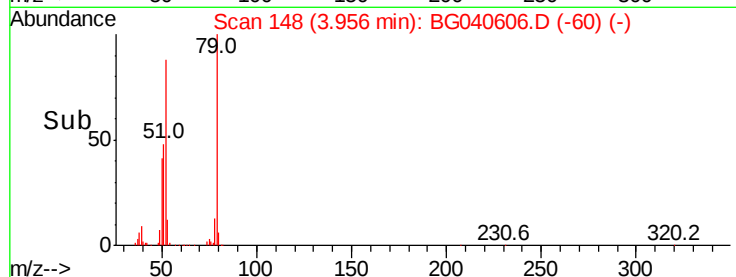
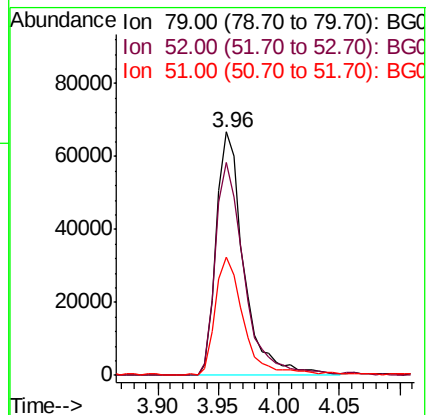
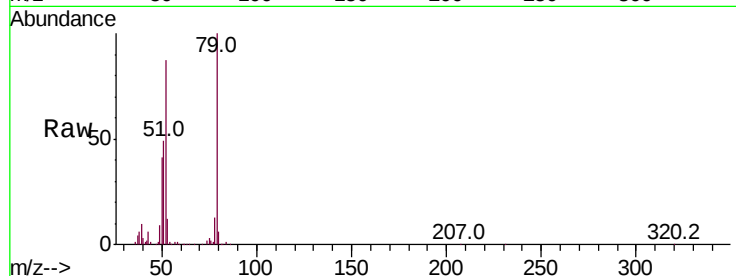
Tot Ion: 79 Resp: 105159

Ion Ratio Lower Upper

79 100

52 87.4 67.5 101.3

51 48.7 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 42.767 ng

RT: 3.87 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

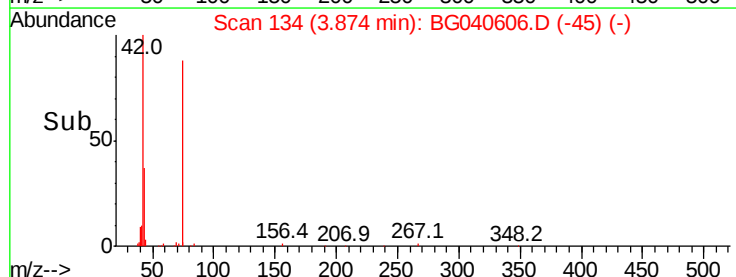
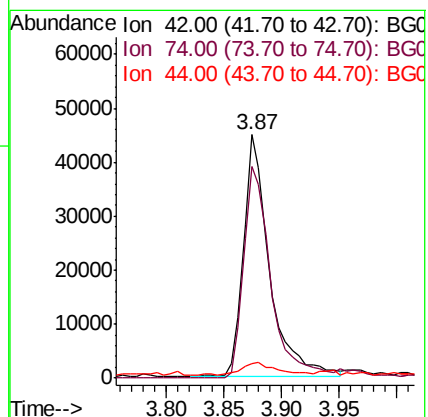
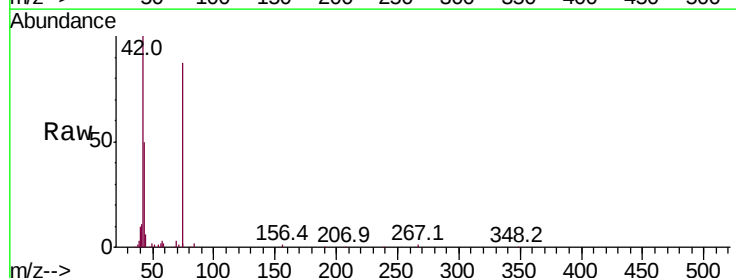
Tgt Ion: 42 Resp: 69998

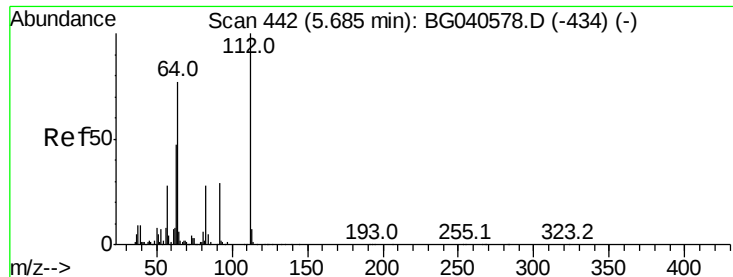
Ion Ratio Lower Upper

42 100

74 86.9 74.6 111.8

44 5.7 7.4 11.0#





#5

2-Fluorophenol

Concen: 145.039 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB119170BS

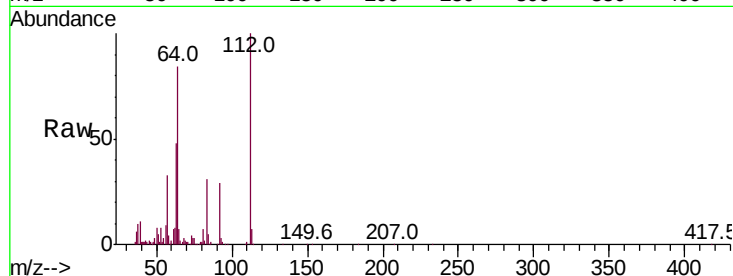
Tot Ion:112 Resp: 324674

Ion Ratio Lower Upper

112 100

64 84.1 61.4 92.0

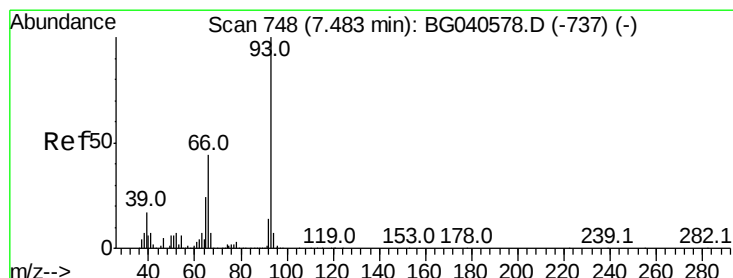
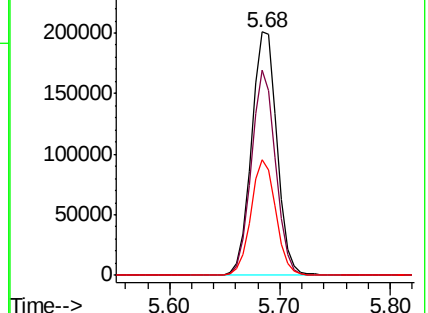
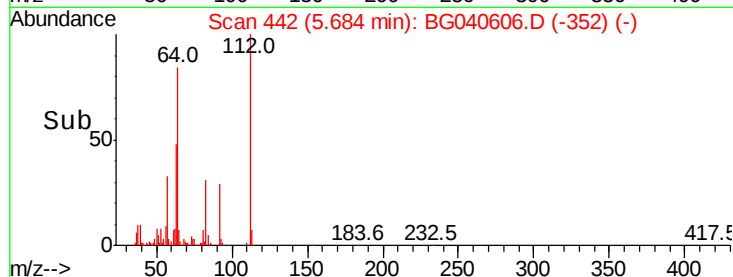
63 47.7 37.8 56.6



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: 31.621 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

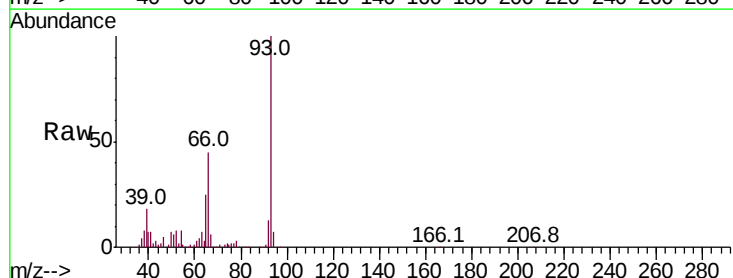
Tgt Ion: 93 Resp: 144460

Ion Ratio Lower Upper

93 100

66 45.0 35.5 53.3

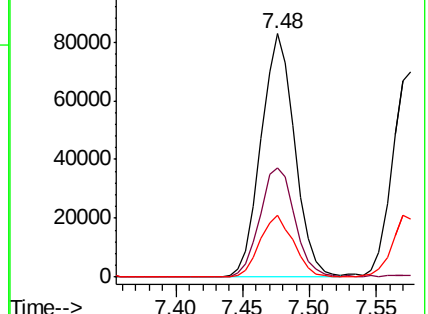
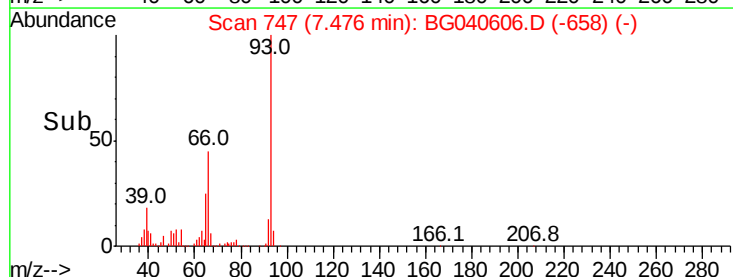
65 25.5 19.2 28.8

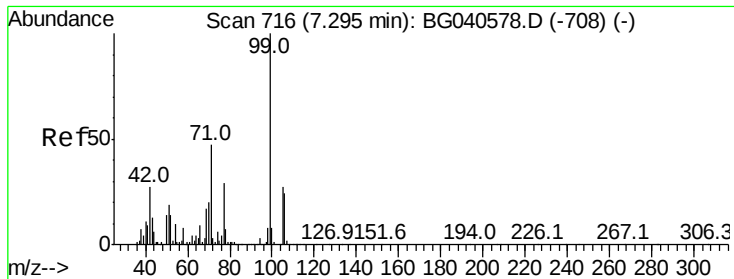


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.288 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB119170BS

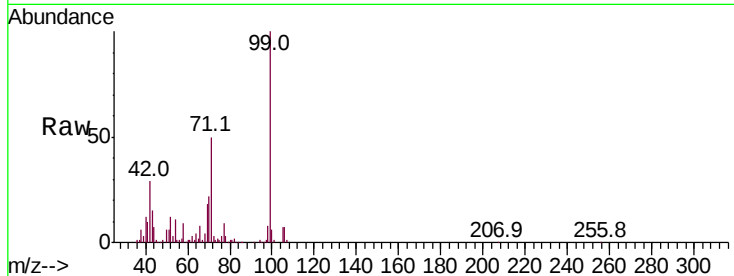
Tot Ion: 99 Resp: 473192

Ion Ratio Lower Upper

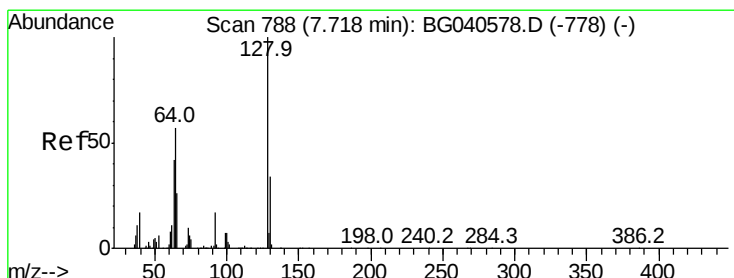
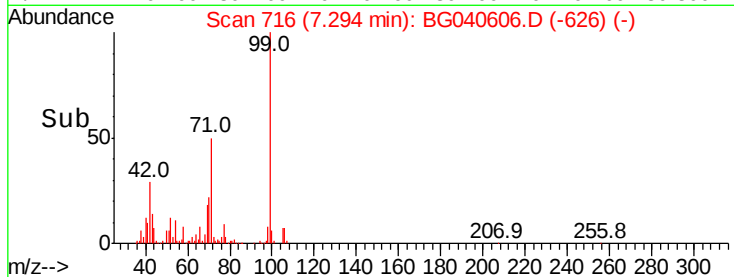
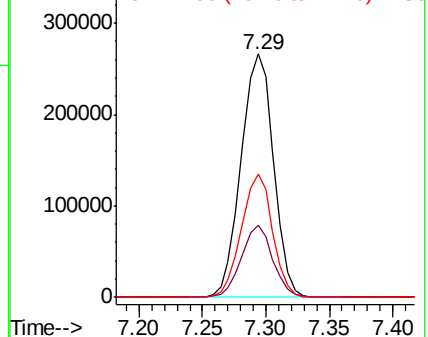
99 100

42 29.5 21.8 32.8

71 50.5 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: 42.865 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

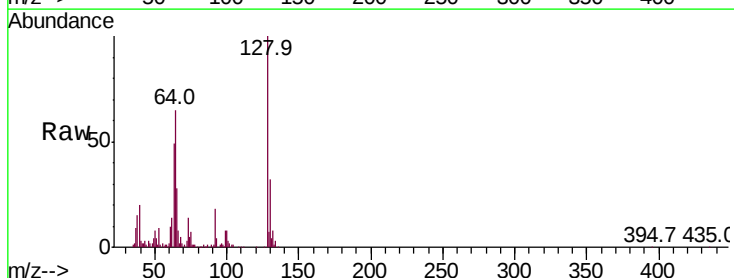
Tgt Ion: 128 Resp: 117166

Ion Ratio Lower Upper

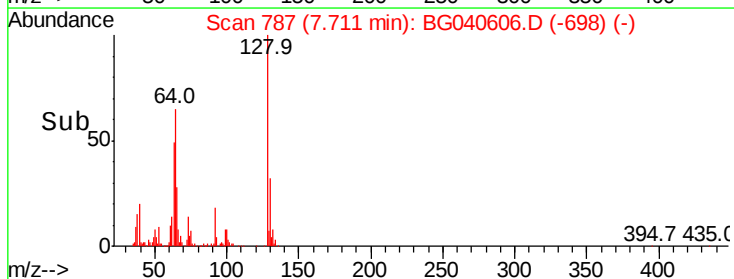
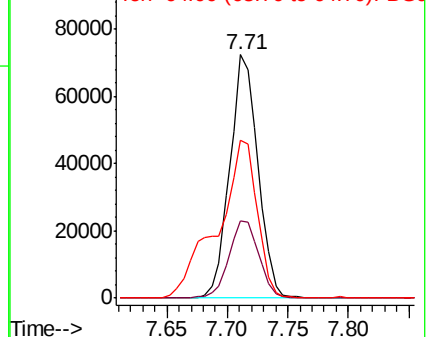
128 100

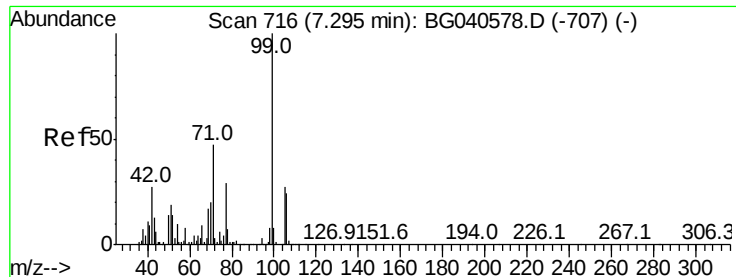
130 31.7 14.5 54.5

64 64.8 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: 16.368 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB119170BS

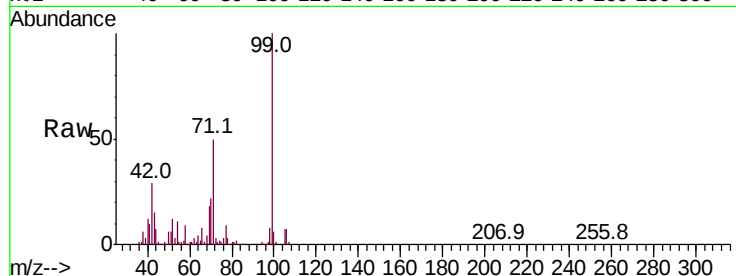
Tot Ion: 77 Resp: 42453

Ion Ratio Lower Upper

77 100

105 71.0 72.0 112.0#

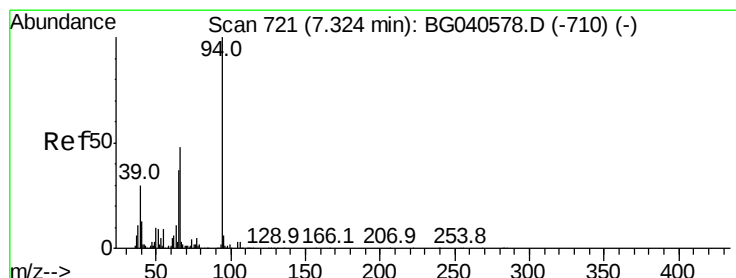
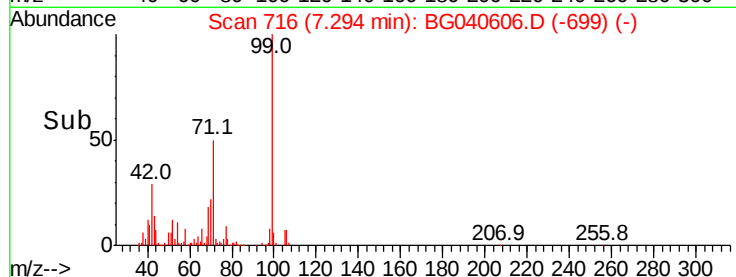
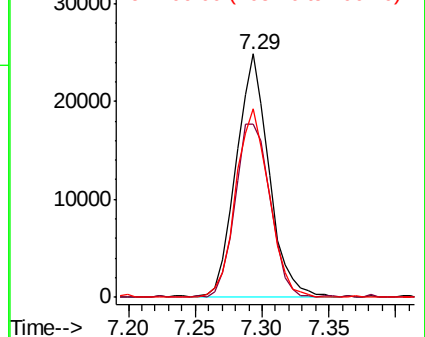
106 77.6 61.2 101.2



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: 44.487 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

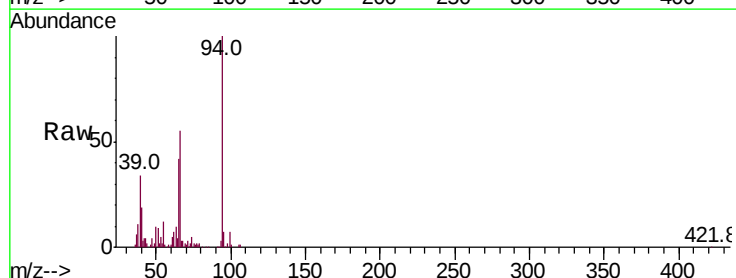
Tgt Ion: 94 Resp: 164824

Ion Ratio Lower Upper

94 100

65 42.5 17.0 57.0

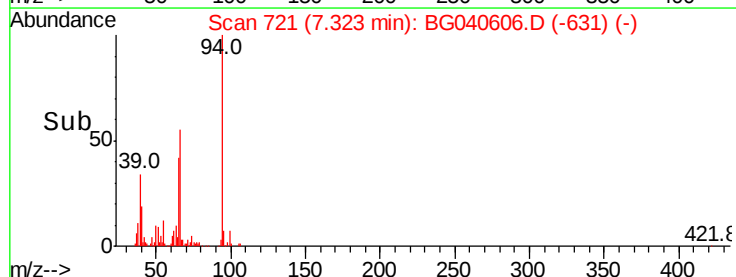
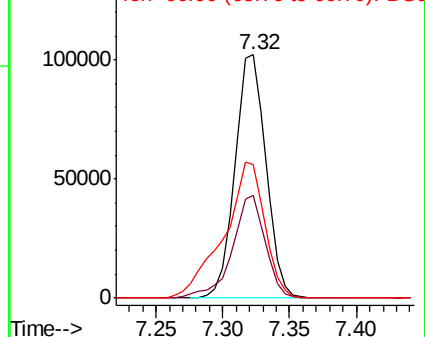
66 54.6 28.6 68.6

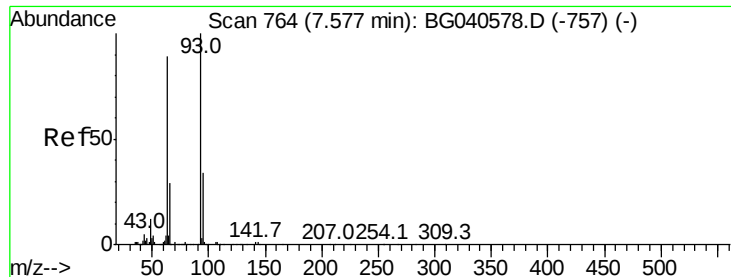


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

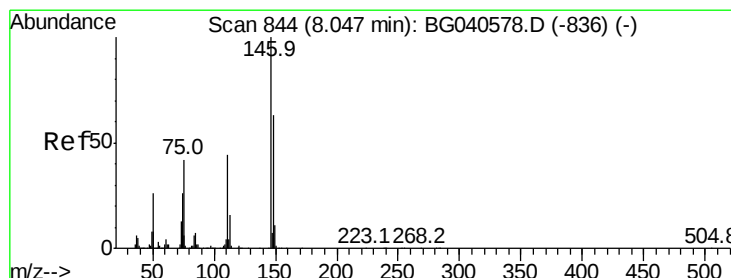
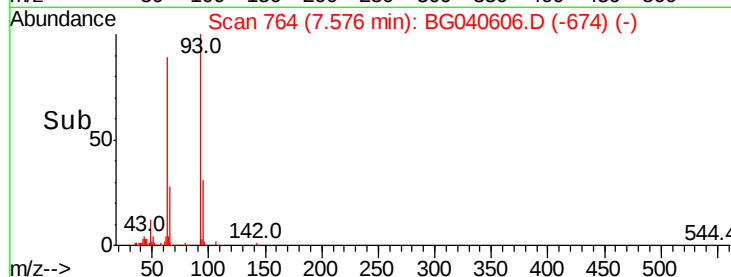
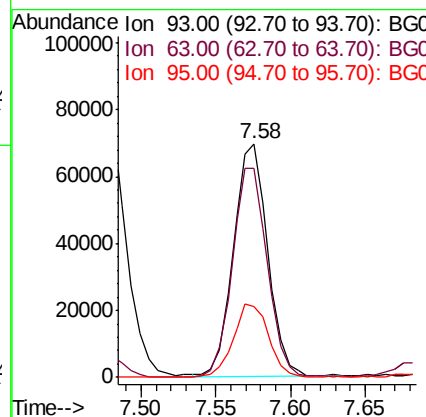
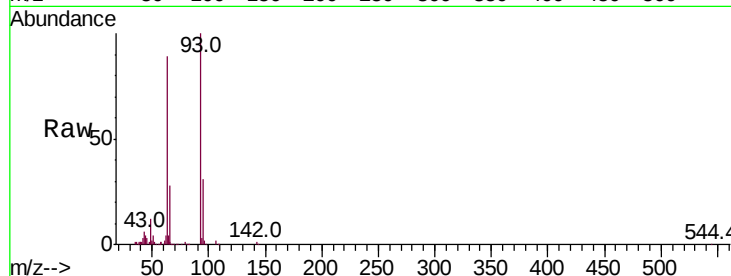




#11
 bis(2-Chloroethyl)ether
 Concen: 39.989 ng
 RT: 7.58 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BG040606.D
 Acq: 25 Apr 2019 12:20

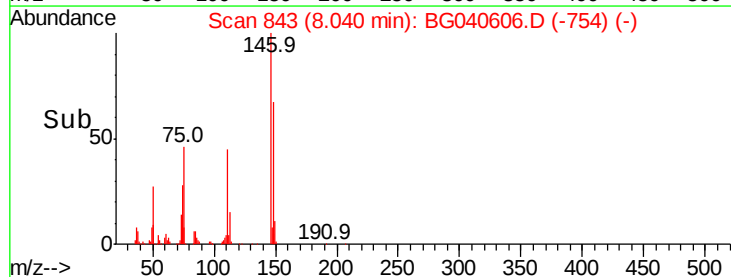
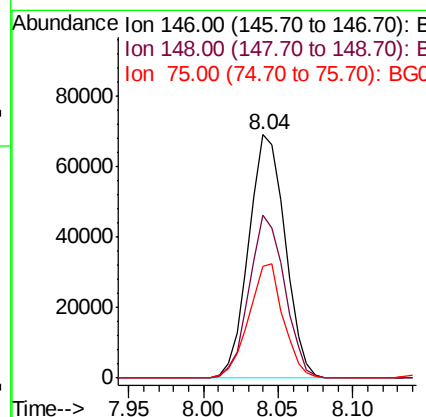
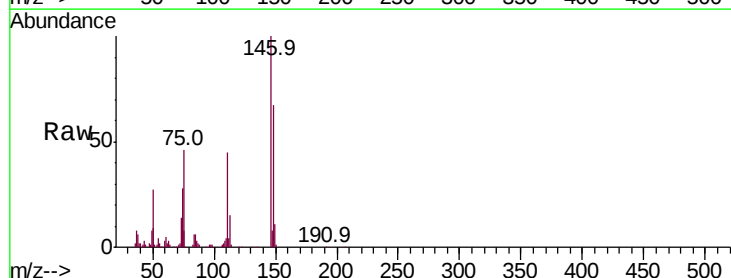
Instrument :
 BNA_G
 ClientSampleId :
 PB119170BS

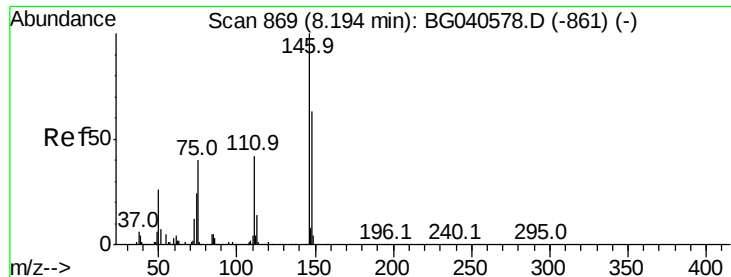
Tot Ion	Ratio	Lower	Upper
93	100		
63	89.3	68.2	108.2
95	30.5	14.3	54.3



#12
 1,3-Dichlorobenzene
 Concen: 38.933 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG040606.D
 Acq: 25 Apr 2019 12:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	50.7	76.1
75	45.7	33.4	50.2

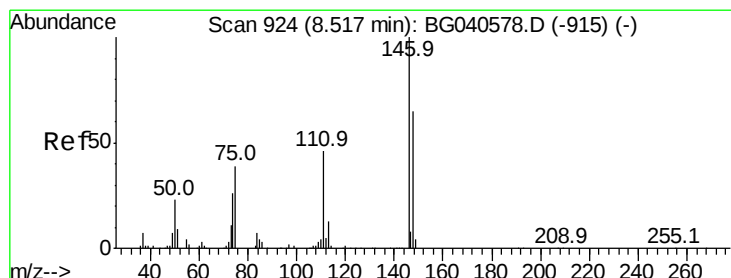
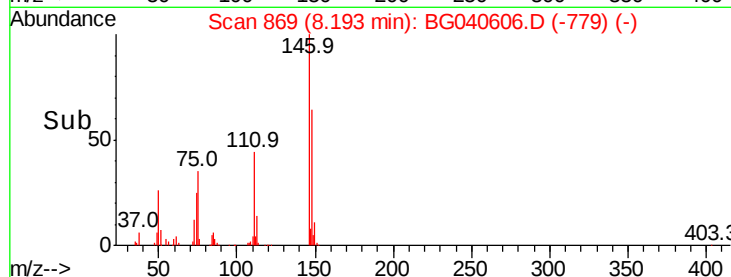
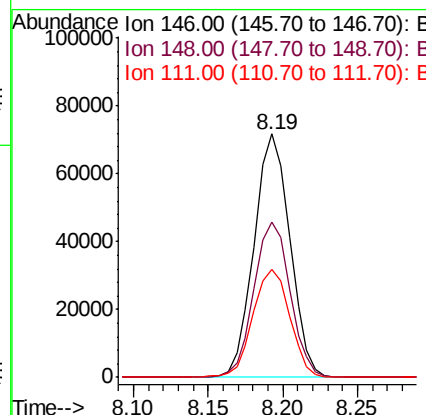
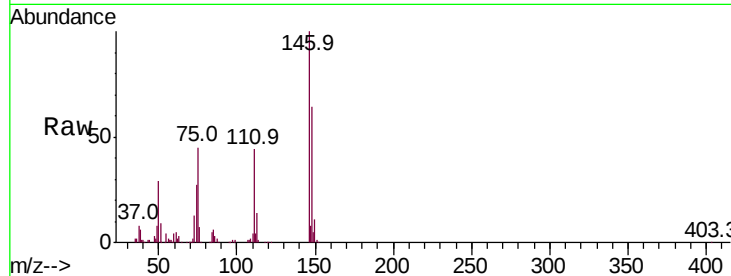




#13
1,4-Dichlorobenzene
Concen: 39.327 ng
RT: 8.19 min Scan# 869
Delta R.T. -0.00 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

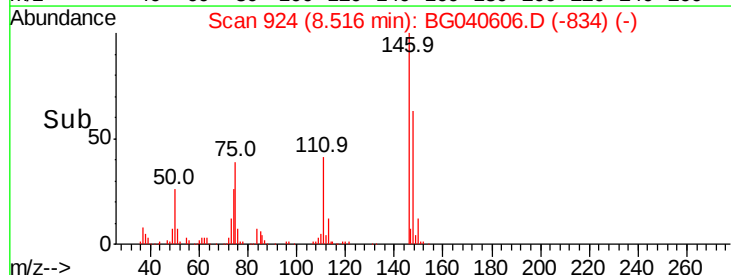
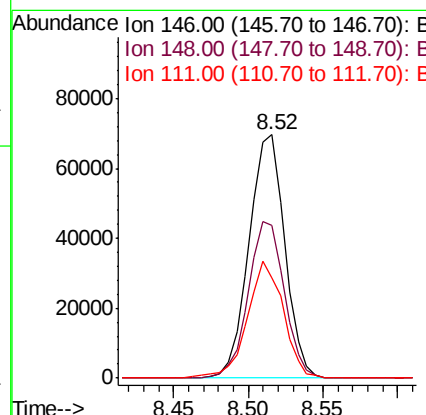
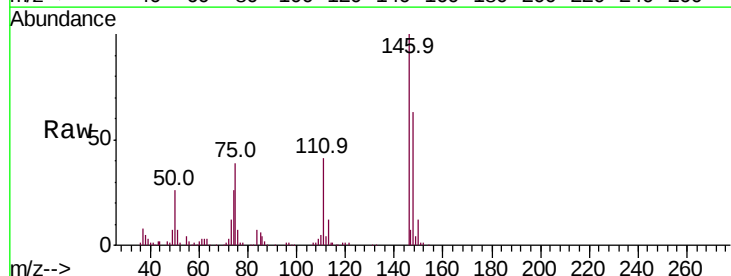
Instrument :
BNA_G
ClientSampleId :
PB119170BS

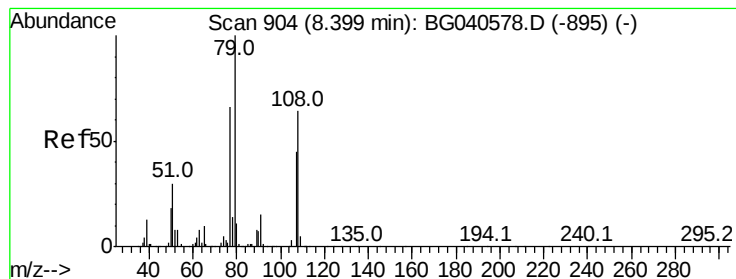
Tot Ion:146 Resp: 118940
Ion Ratio Lower Upper
146 100
148 63.8 50.6 75.8
111 44.4 34.3 51.5



#14
1,2-Dichlorobenzene
Concen: 39.510 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

Tgt Ion:146 Resp: 115238
Ion Ratio Lower Upper
146 100
148 63.0 52.2 78.4
111 41.2 37.4 56.0





#15

Benzyl Alcohol

Concen: 40.928 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB119170BS

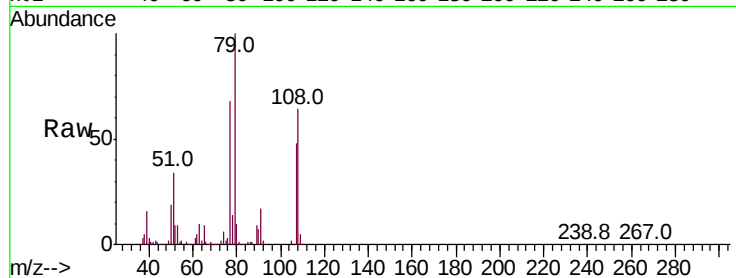
Tot Ion: 79 Resp: 146782

Ion Ratio Lower Upper

79 100

108 63.9 51.4 77.0

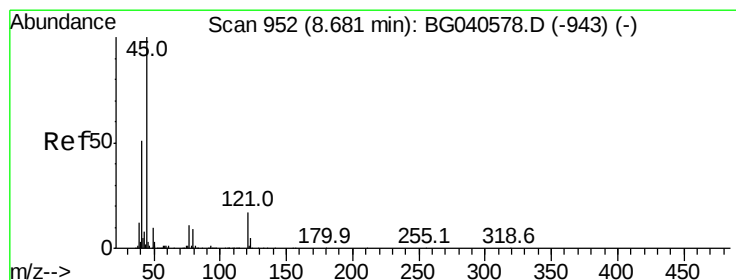
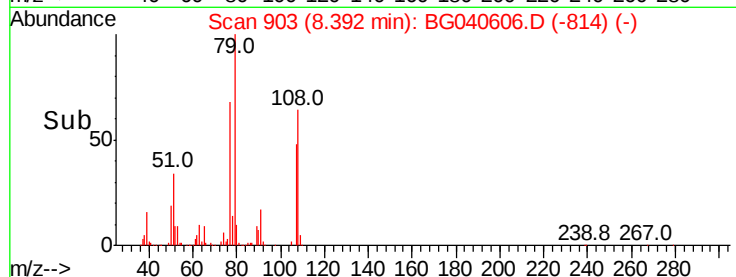
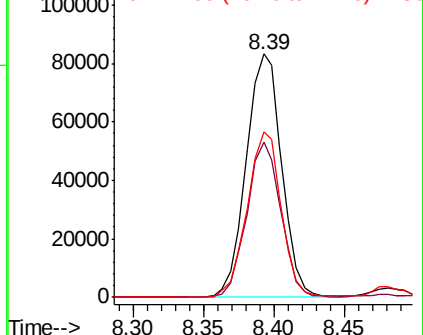
77 68.1 52.6 79.0



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: 40.774 ng

RT: 8.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

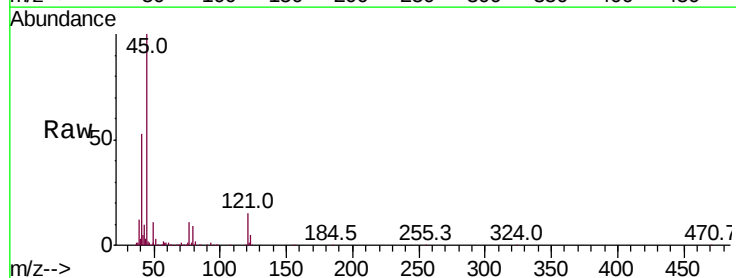
Tgt Ion: 45 Resp: 225541

Ion Ratio Lower Upper

45 100

77 11.5 0.0 31.5

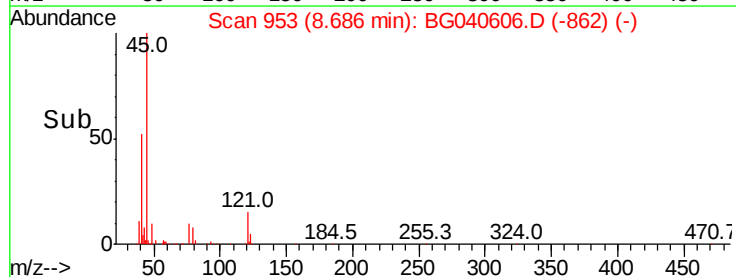
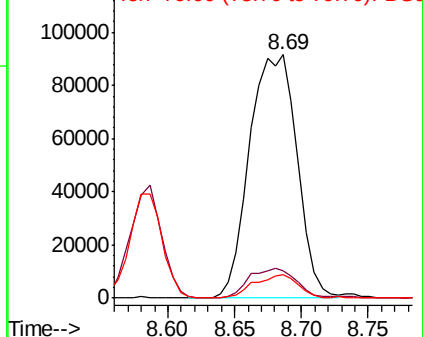
79 9.5 0.0 29.4

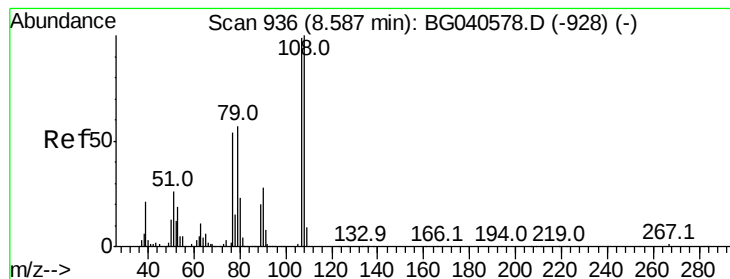


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 43.396 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB119170BS

Tot Ion:107 Resp: 113785

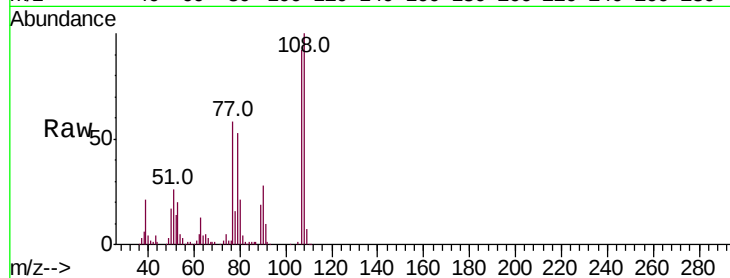
Ion Ratio Lower Upper

107 100

108 108.4 81.2 121.8

77 62.8 44.4 66.6

79 57.9 47.0 70.4

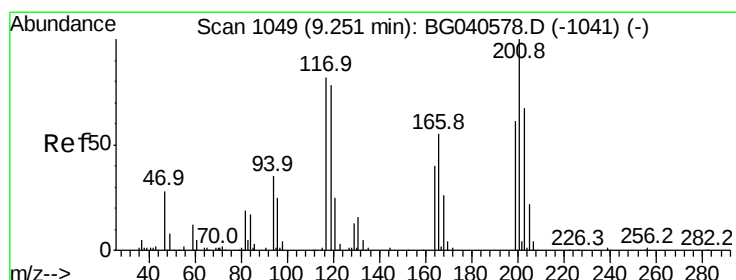
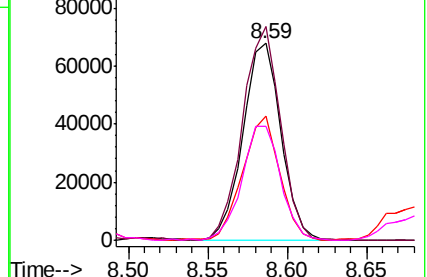
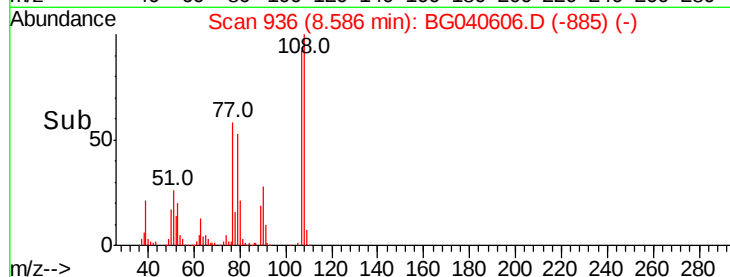


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.703 ng

RT: 9.24 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

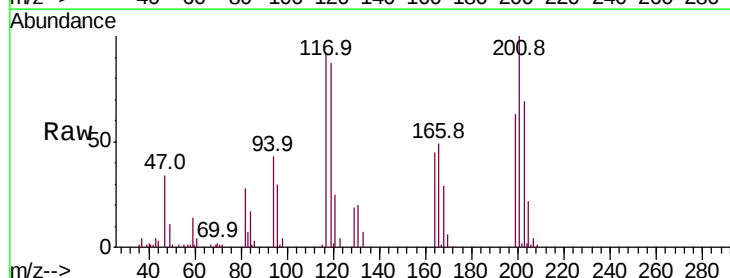
Tgt Ion:117 Resp: 49257

Ion Ratio Lower Upper

117 100

119 95.0 76.6 114.8

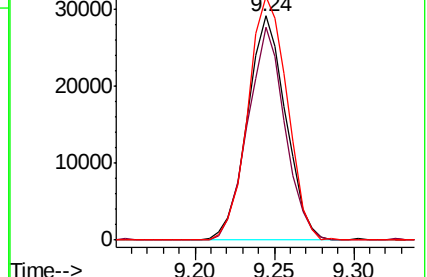
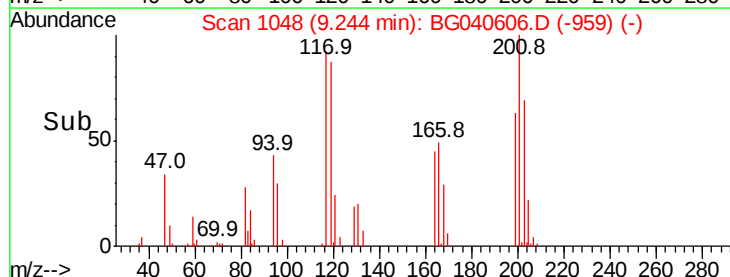
201 110.8 101.0 151.6

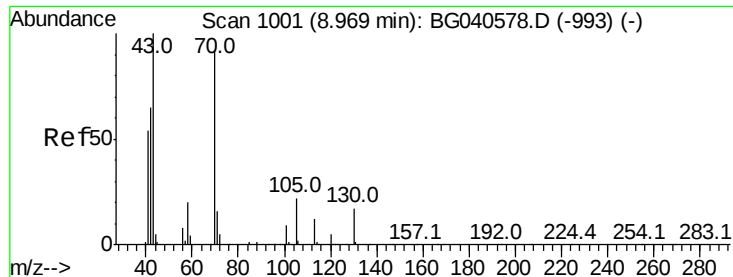


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

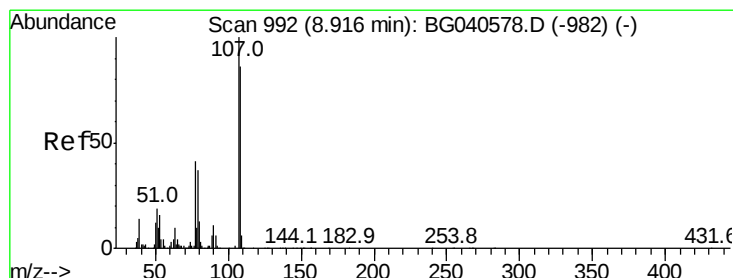
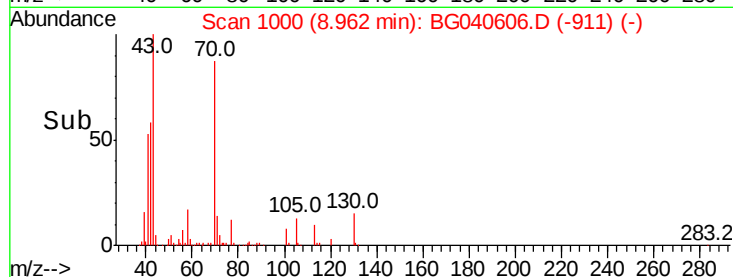
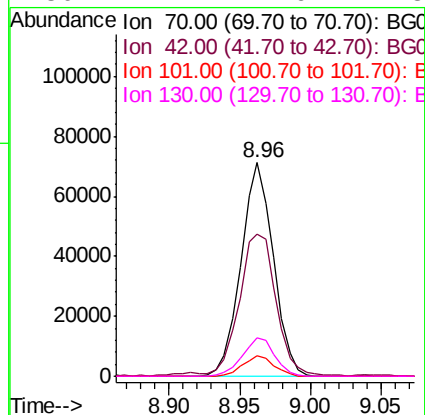
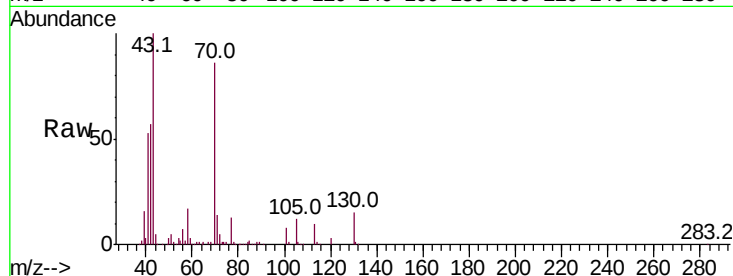




#19
n-Nitroso-di-n-propylamine
Concen: 36.776 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

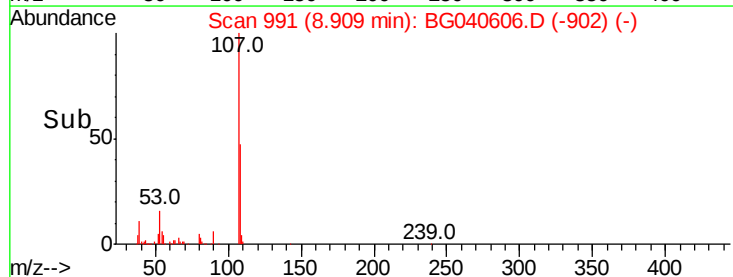
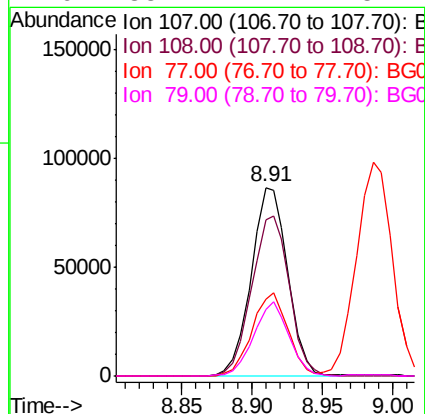
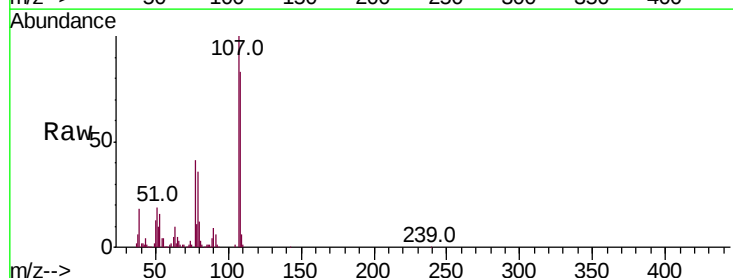
Instrument :
BNA_G
ClientSampleId :
PB119170BS

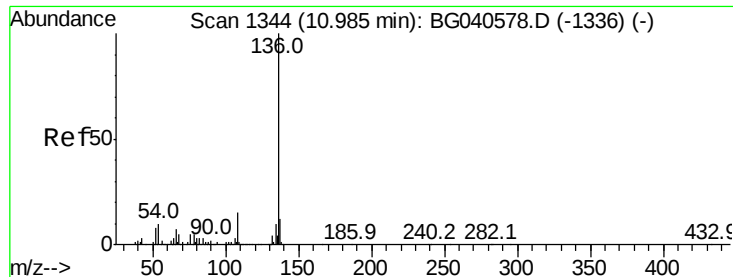
Tot Ion:	70	Resp:	114102
Ion	Ratio	Lower	Upper
70	100		
42	66.6	57.1	85.7
101	9.6	7.8	11.8
130	17.7	14.6	21.8



#20
3+4-Methylphenols
Concen: 42.969 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.01 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

Tgt Ion:	107	Resp:	156951
Ion	Ratio	Lower	Upper
107	100		
108	82.6	66.1	106.1
77	40.7	21.6	61.6
79	35.7	17.4	57.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

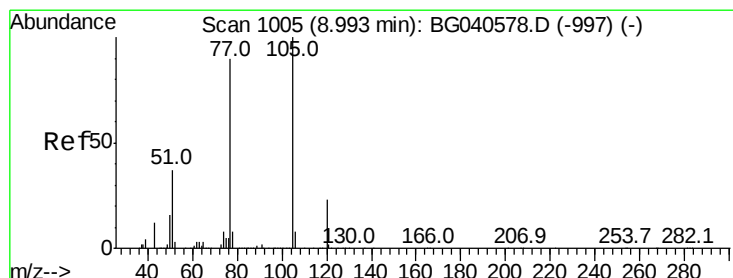
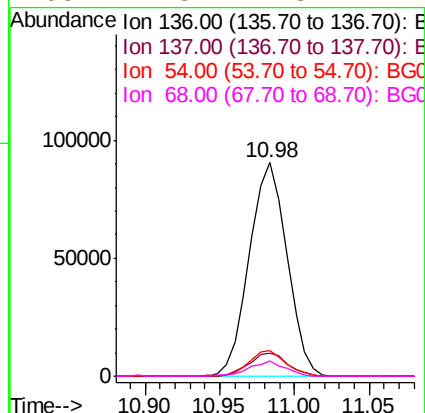
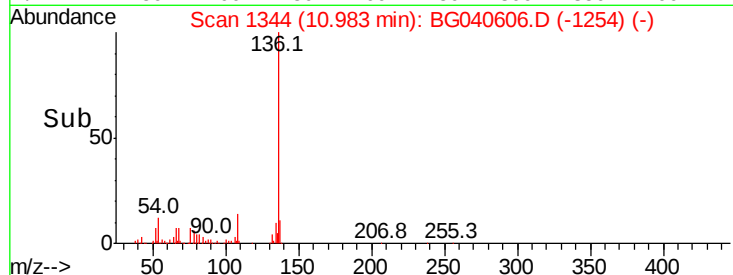
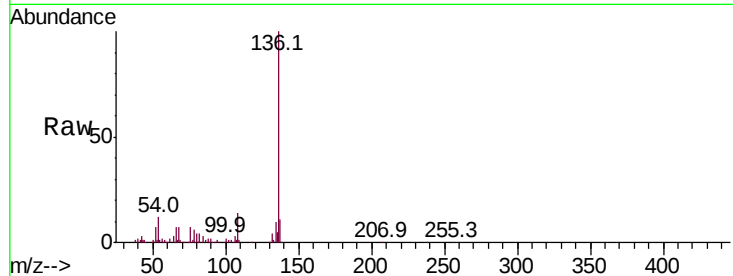
Instrument :

BNA_G

ClientSampleId :

PB119170BS

Tot Ion:136	Resp:	158567
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.7 14.5
54	12.1	8.6 12.8
68	7.8	4.8 7.2#



#22

Acetophenone

Concen: 43.802 ng

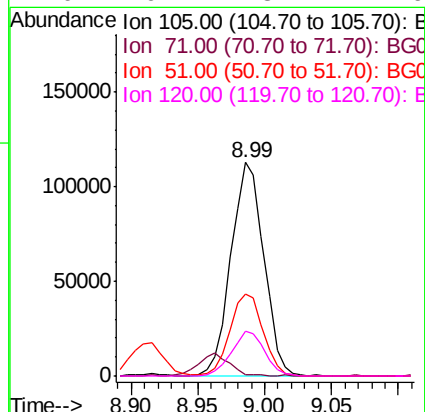
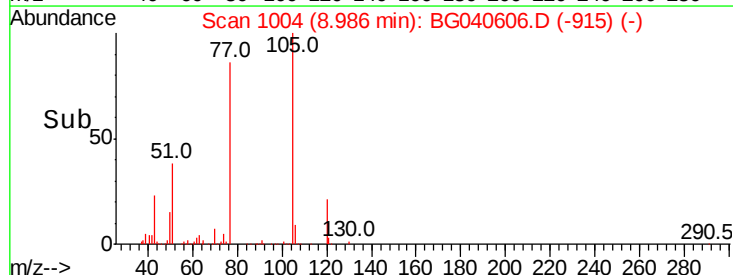
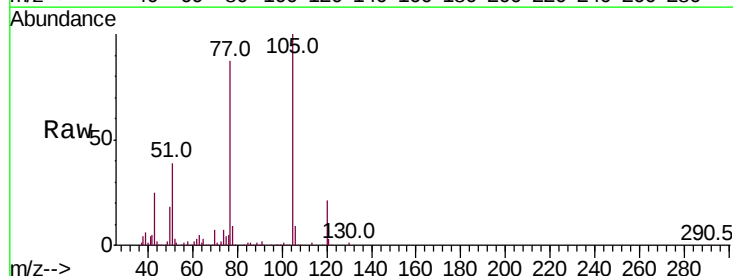
RT: 8.99 min Scan# 1004

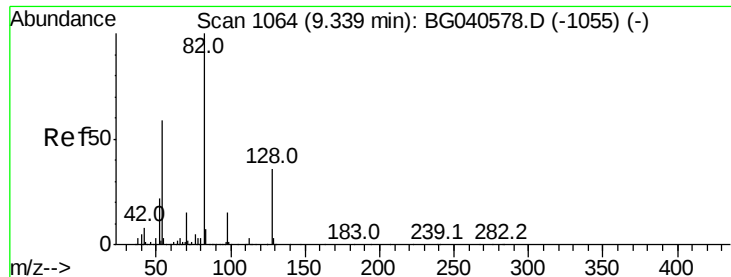
Delta R.T. -0.01 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Tgt Ion:105	Resp:	193139
Ion	Ratio	Lower Upper
105	100	
71	0.7	1.8 2.8#
51	38.5	29.8 44.8
120	20.7	18.4 27.6

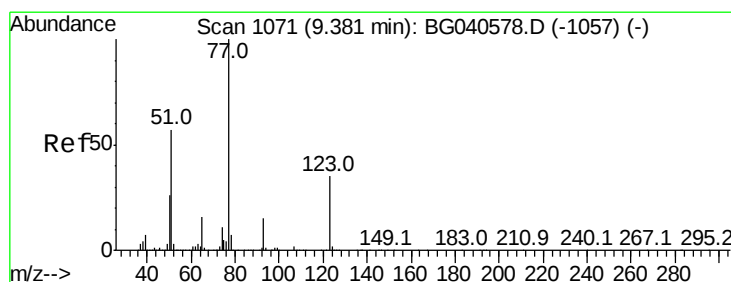
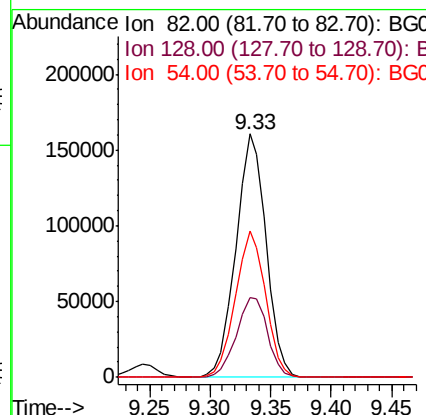
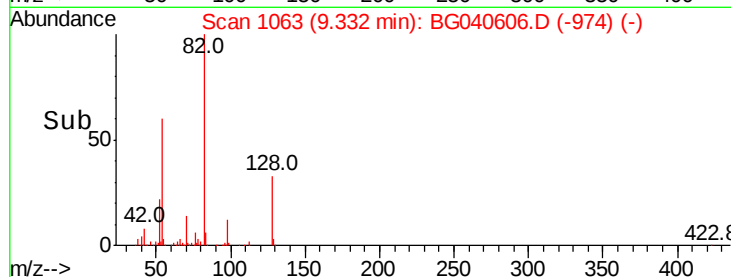
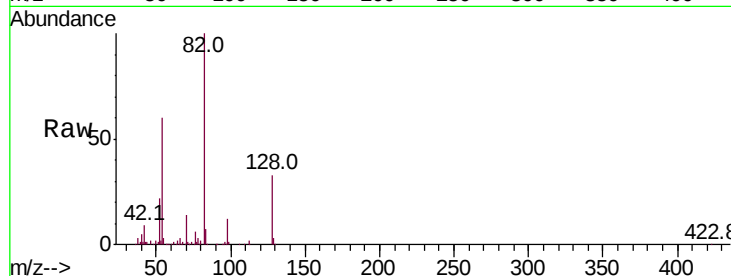




#23
 Nitrobenzene-d5
 Concen: 81.092 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG040606.D
 Acq: 25 Apr 2019 12:20

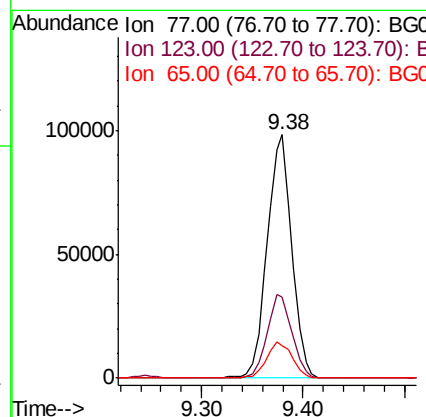
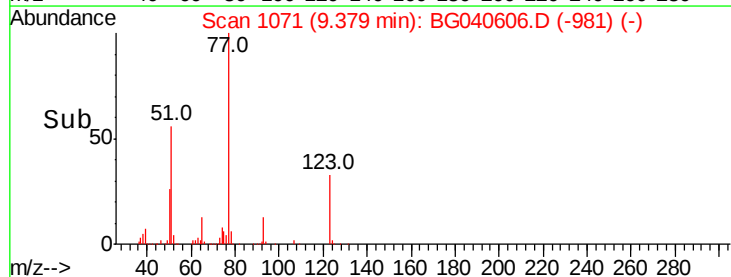
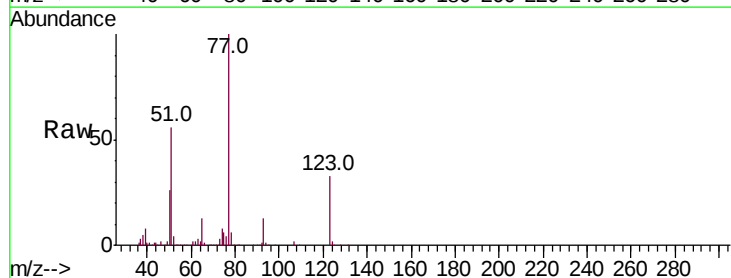
Instrument :
 BNA_G
 ClientSampleId :
 PB119170BS

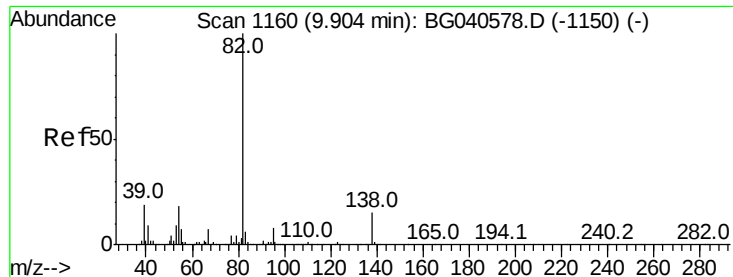
Tot Ion	82	Resp	278284
Ion Ratio	100	Lower	Upper
128	32.8	28.9	43.3
54	60.0	47.2	70.8



#24
 Nitrobenzene
 Concen: 45.721 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BG040606.D
 Acq: 25 Apr 2019 12:20

Tgt Ion	77	Resp	167404
Ion Ratio	100	Lower	Upper
123	33.3	27.8	41.6
65	13.4	12.4	18.6





#25

Isophorone

Concen: 41.673 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB119170BS

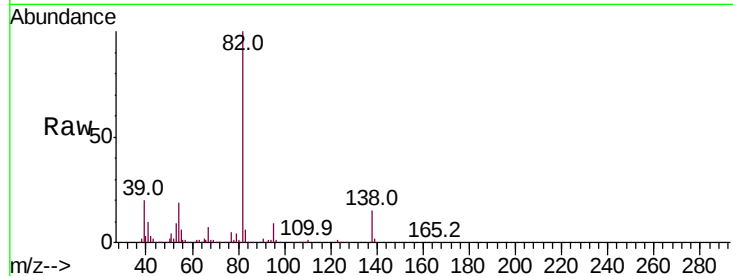
Tot Ion: 82 Resp: 318557

Ion Ratio Lower Upper

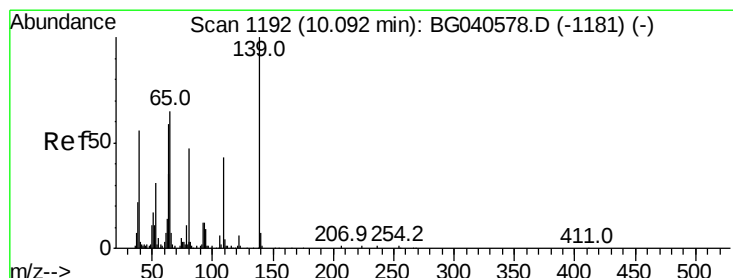
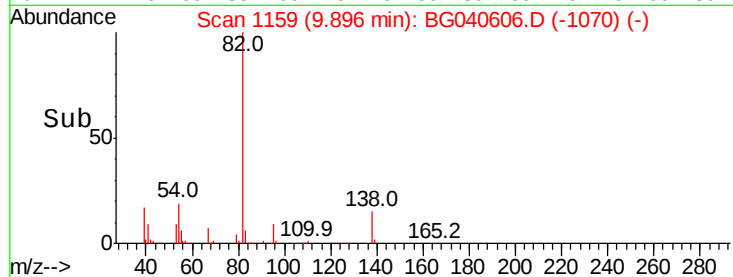
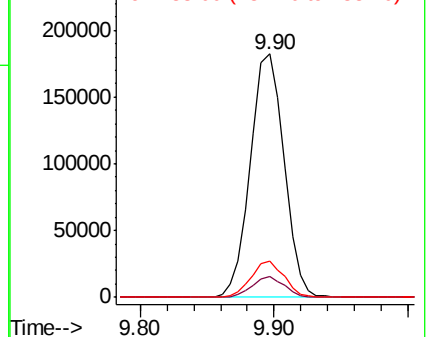
82 100

95 8.8 6.9 10.3

138 15.0 12.3 18.5



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



#26

2-Nitrophenol

Concen: 46.655 ng

RT: 10.09 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

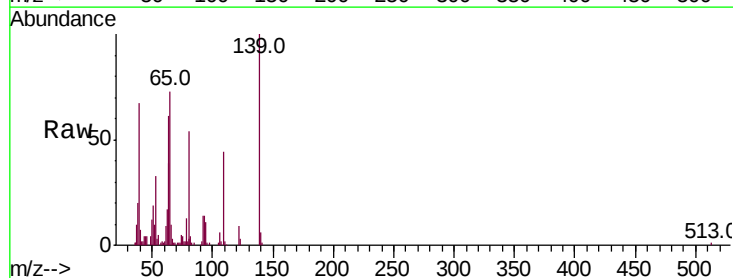
Tgt Ion: 139 Resp: 61233

Ion Ratio Lower Upper

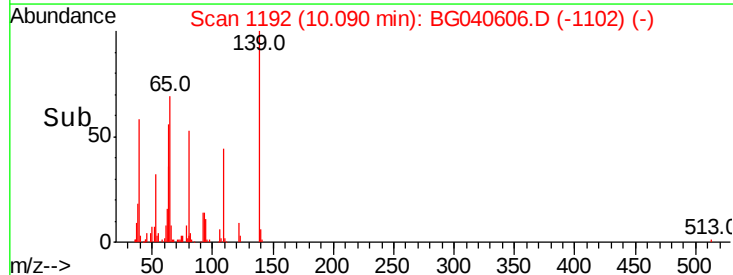
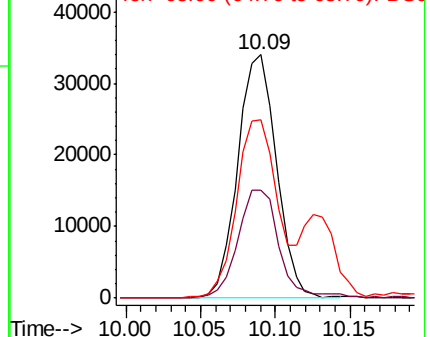
139 100

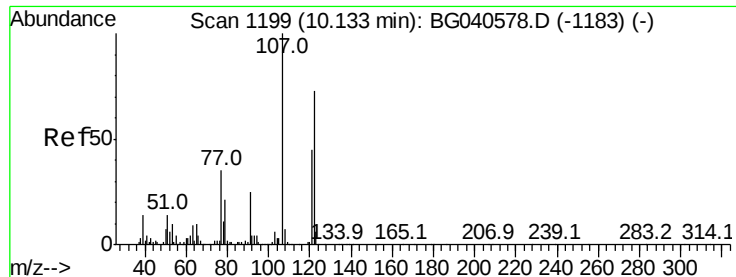
109 44.5 35.6 53.4

65 73.3 52.3 78.5



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





#27

2,4-Dimethylphenol

Concen: 51.083 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB119170BS

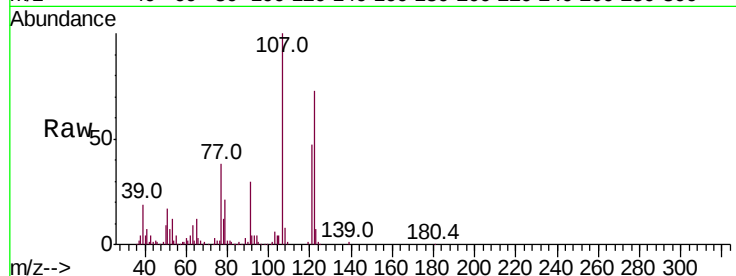
Tot Ion:122 Resp: 125795

Ion Ratio Lower Upper

122 100

107 136.5 110.1 165.1

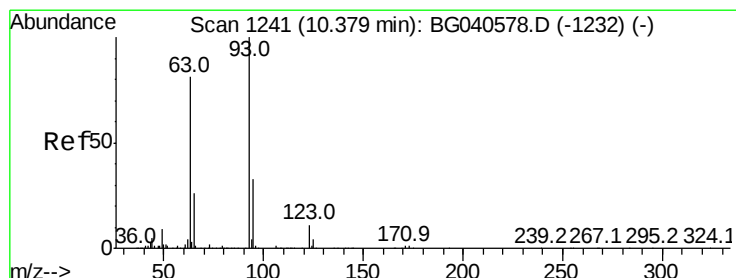
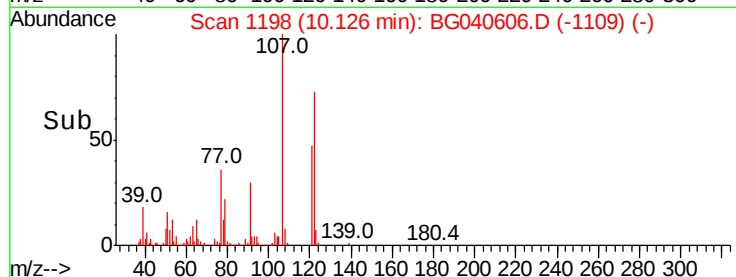
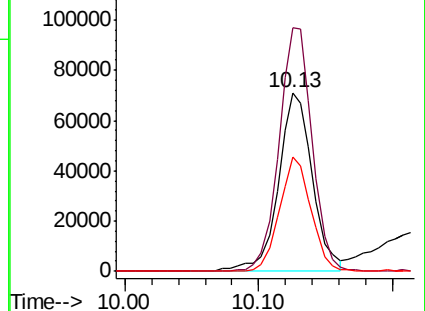
121 64.0 49.4 74.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.705 ng

RT: 10.38 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

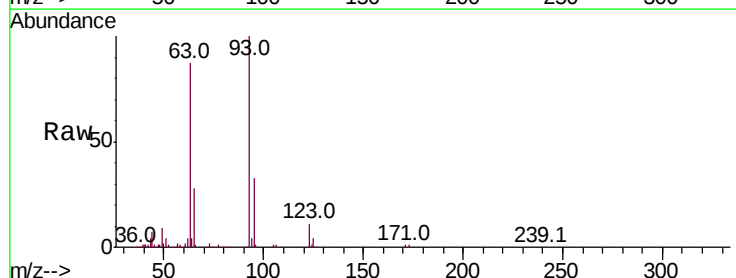
Tgt Ion: 93 Resp: 159948

Ion Ratio Lower Upper

93 100

95 33.3 26.6 40.0

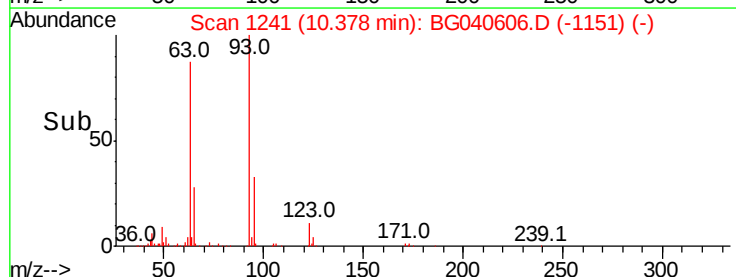
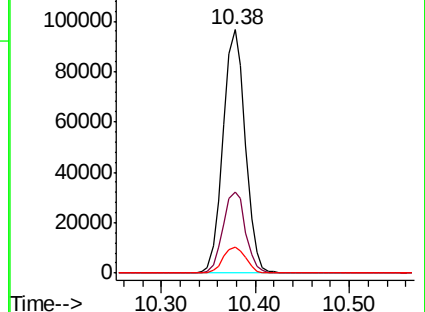
123 10.5 9.0 13.4

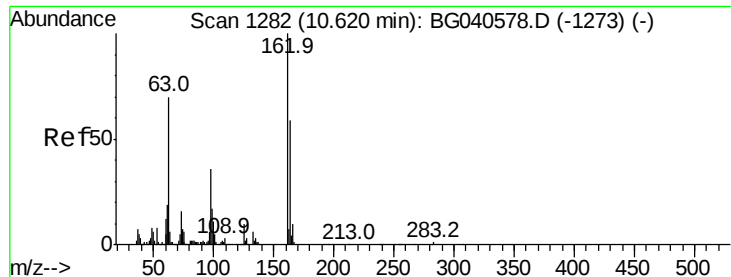


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 47.293 ng

RT: 10.61 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB119170BS

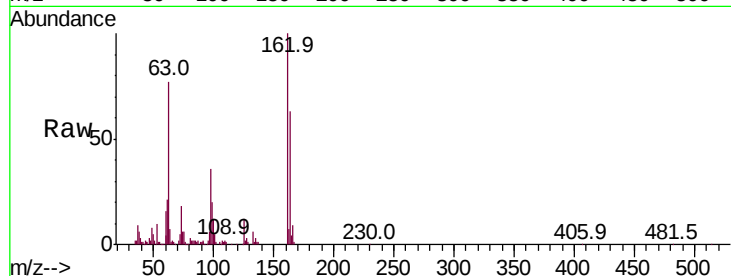
Tot Ion:162 Resp: 132402

Ion Ratio Lower Upper

162 100

164 63.0 38.9 78.9

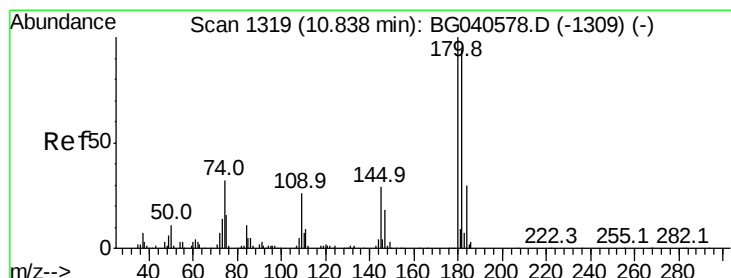
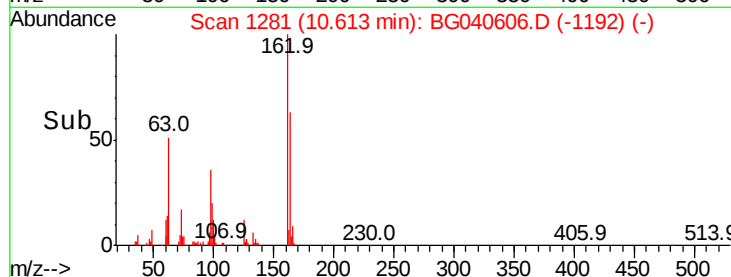
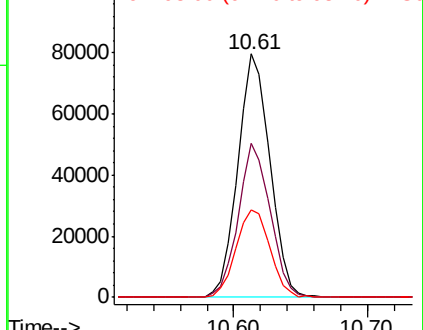
98 35.7 16.8 56.8



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: 42.576 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

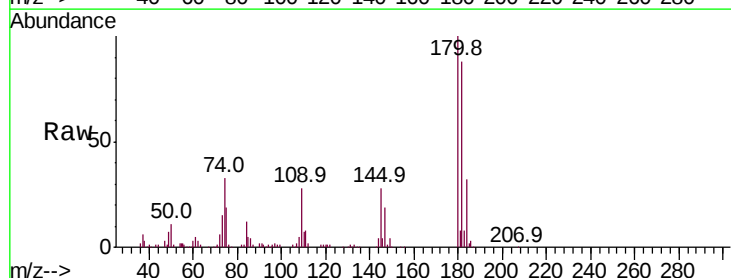
Tgt Ion:180 Resp: 132183

Ion Ratio Lower Upper

180 100

182 88.4 75.2 112.8

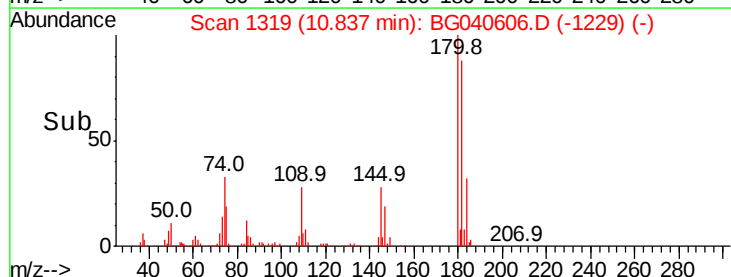
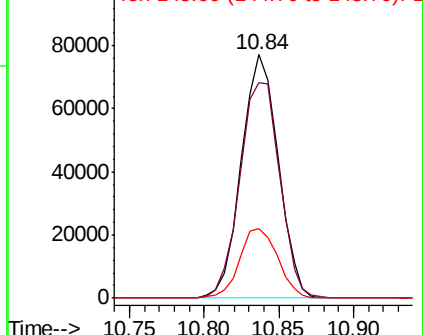
145 28.3 23.6 35.4

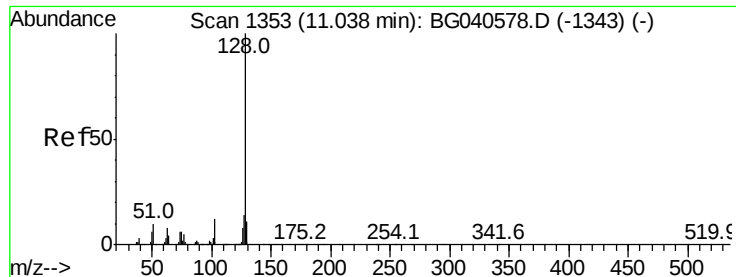


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

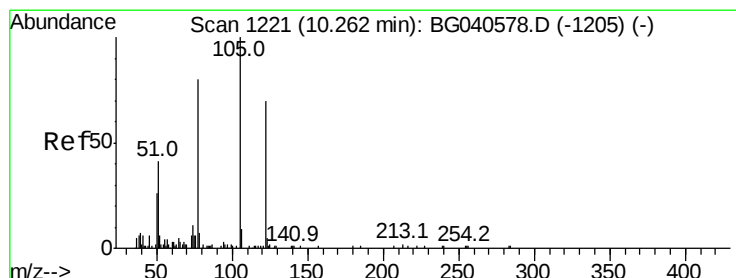
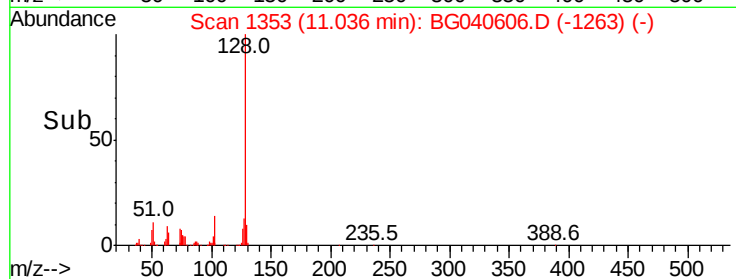
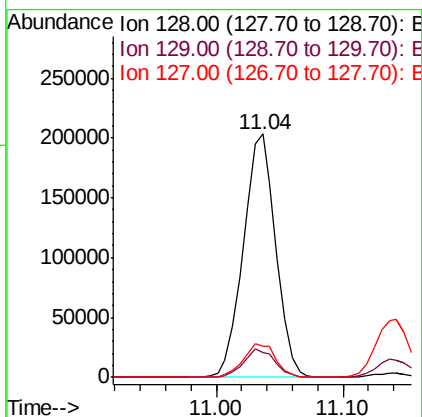
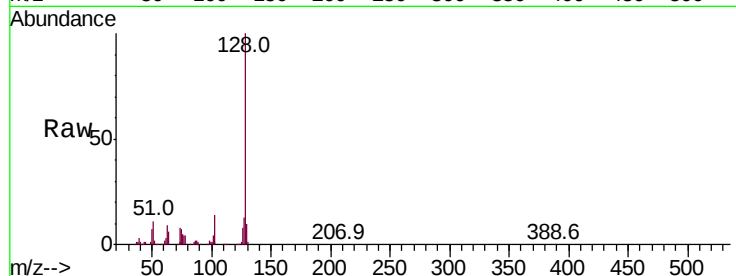




#31
Naphthalene
Concen: 42.716 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

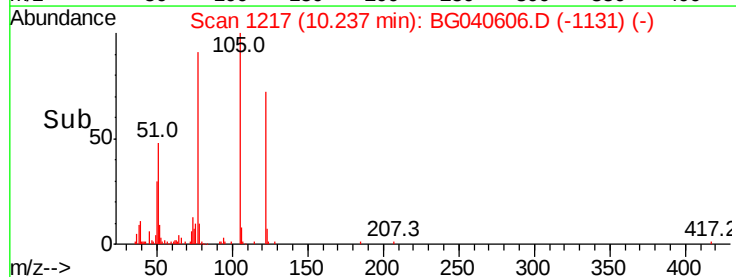
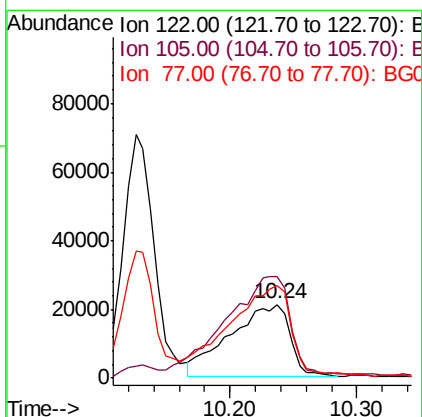
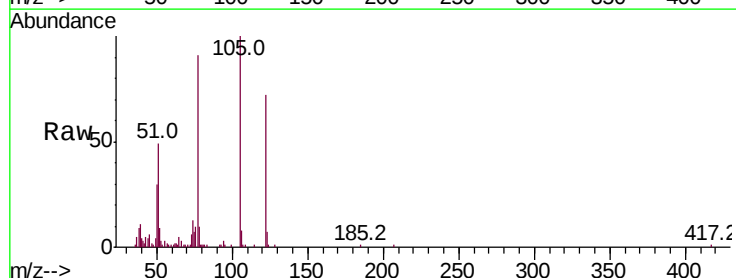
Instrument :
BNA_G
ClientSampleId :
PB119170BS

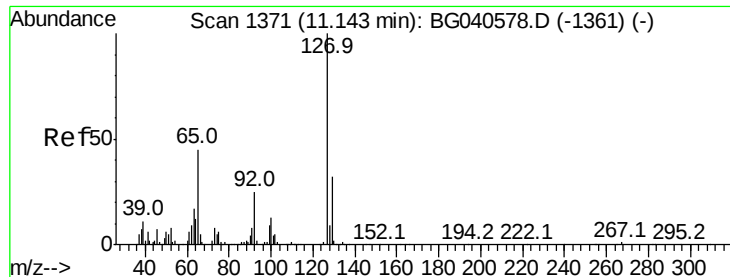
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.0	13.6
127	13.0	11.3	16.9



#32
Benzoic acid
Concen: 40.863 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.3	110.9	150.9
77	126.3	87.6	127.6

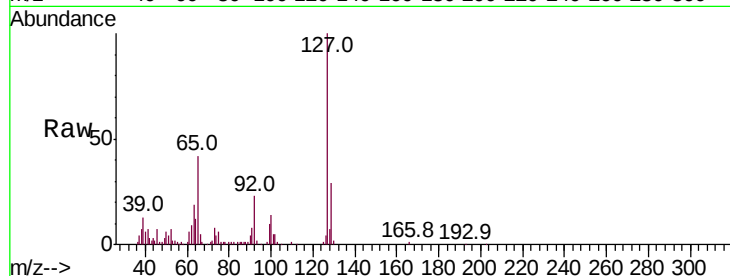




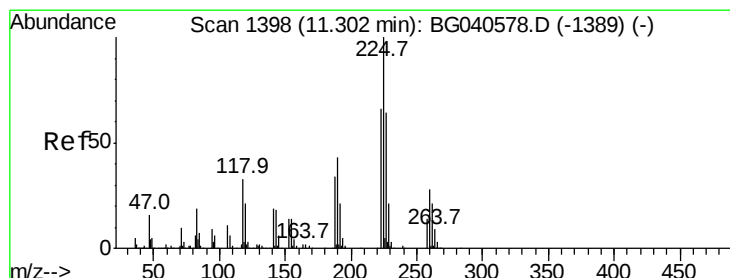
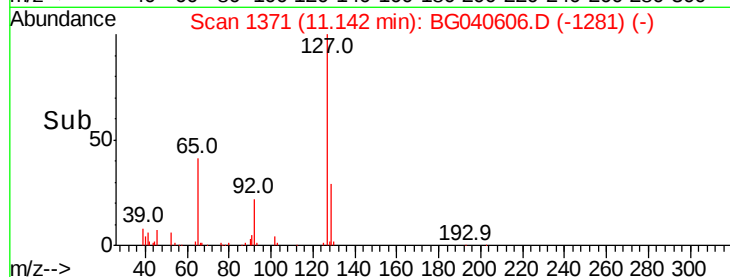
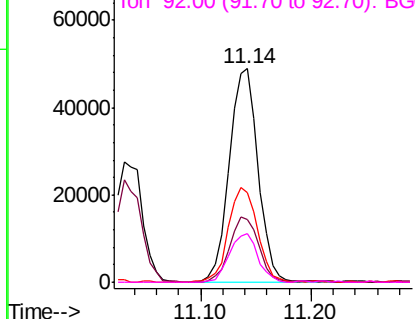
#33
4-Chloroaniline
Concen: 24.037 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

Instrument :
BNA_G
ClientSampleId :
PB119170BS

Tot Ion:127	Resp:	89780	
Ion Ratio	Lower	Upper	
127 100			
129 29.1	25.7	38.5	
65 41.9	36.1	54.1	
92 22.7	20.1	30.1	

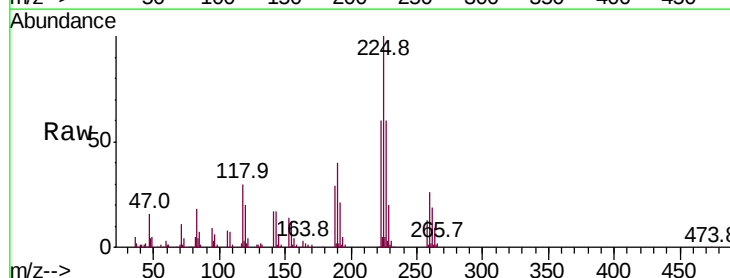


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

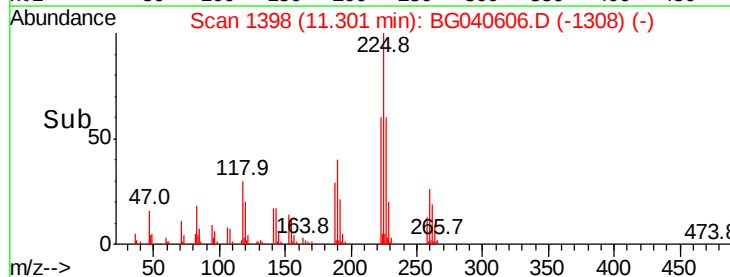
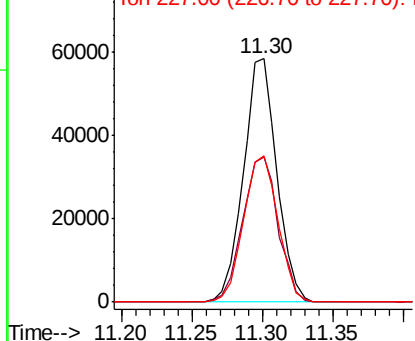


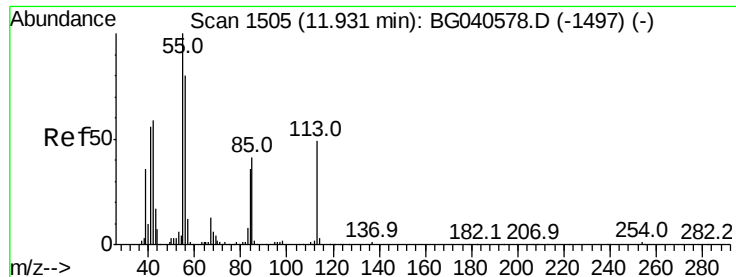
#34
Hexachlorobutadiene
Concen: 42.249 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

Tgt Ion:225	Resp: 96837
Ion Ratio	Lower Upper
225 100	
223 64.5	50.4 75.6
227 60.3	51.0 76.6



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





#35

Caprolactam

Concen: 43.064 ng

RT: 11.91 min Scan# 1502

Delta R.T. -0.02 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB119170BS

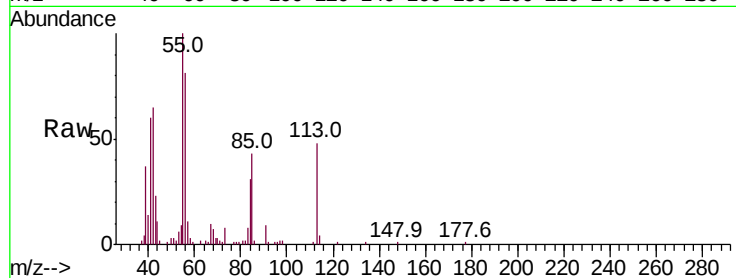
Tot Ion:113 Resp: 47599

Ion Ratio Lower Upper

113 100

55 207.7 198.6 238.6

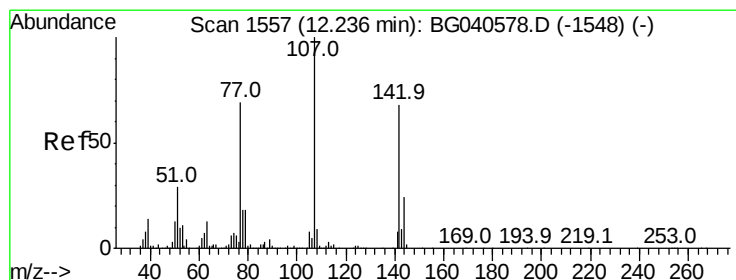
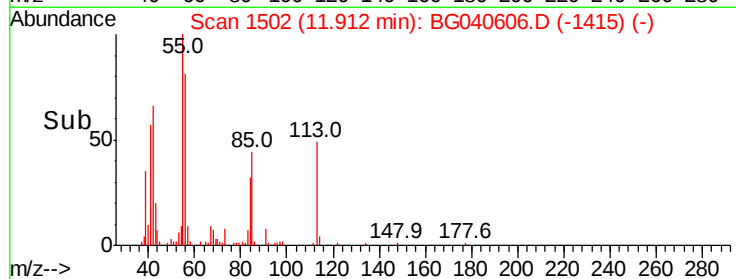
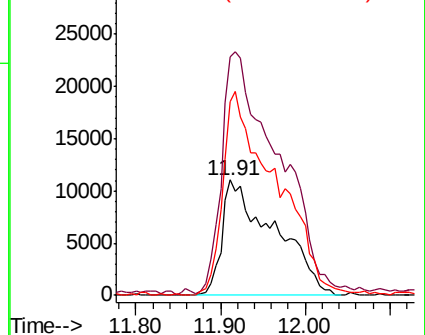
56 168.9 148.4 188.4



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: 45.295 ng

RT: 12.23 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

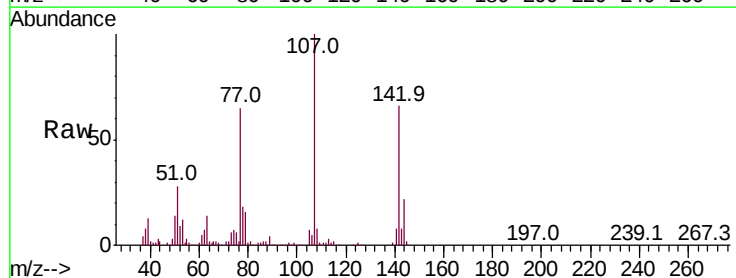
Tgt Ion:107 Resp: 159972

Ion Ratio Lower Upper

107 100

144 21.7 19.3 28.9

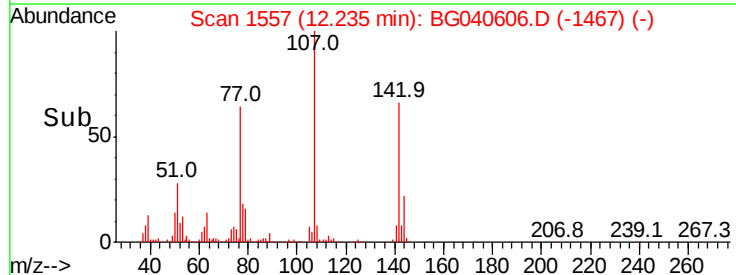
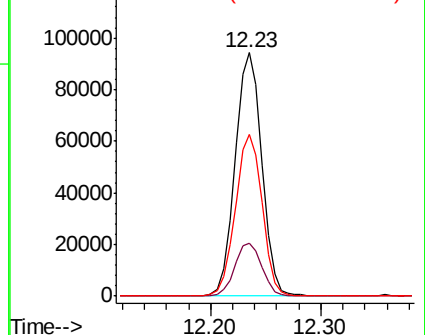
142 66.2 54.6 81.8

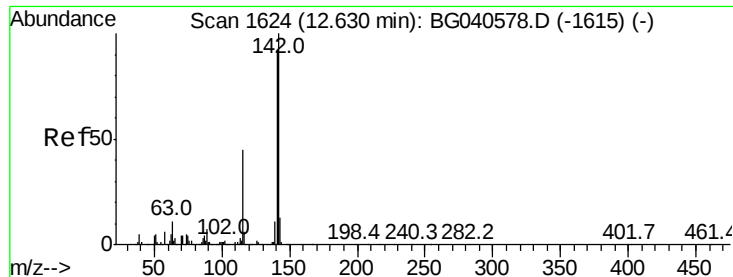


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

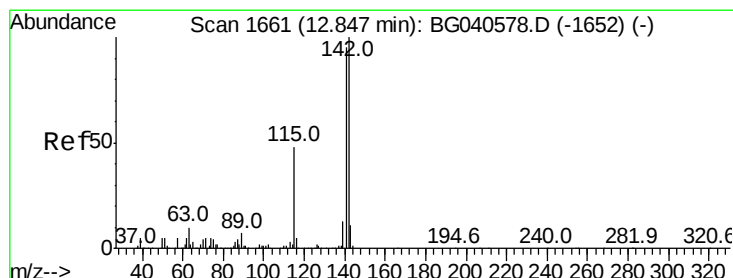
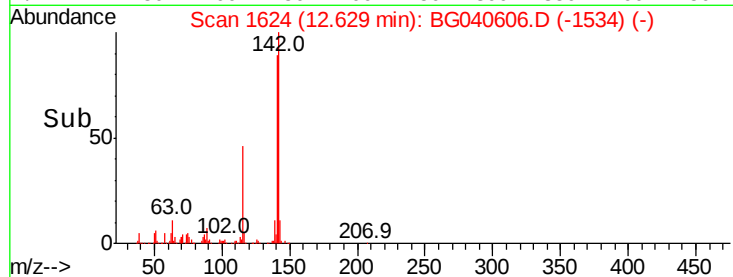
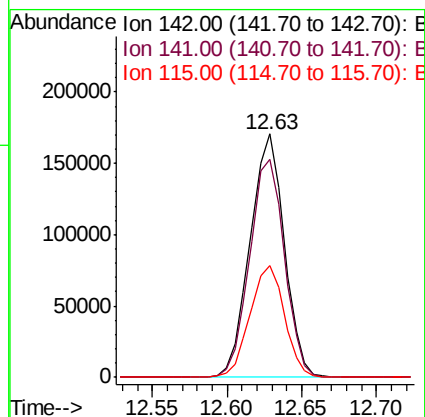
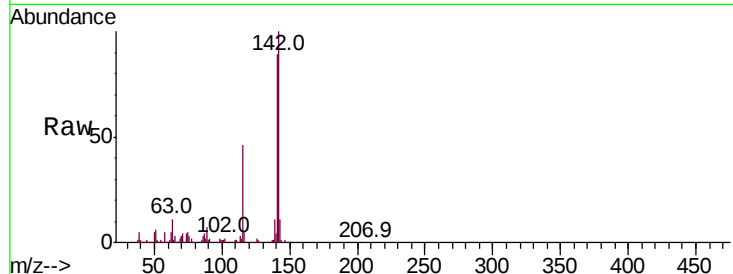




#37
2-Methylnaphthalene
Concen: 42.769 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

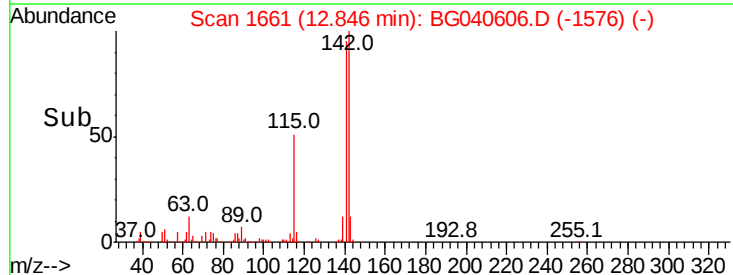
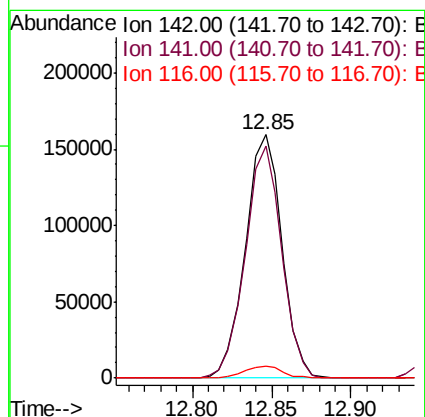
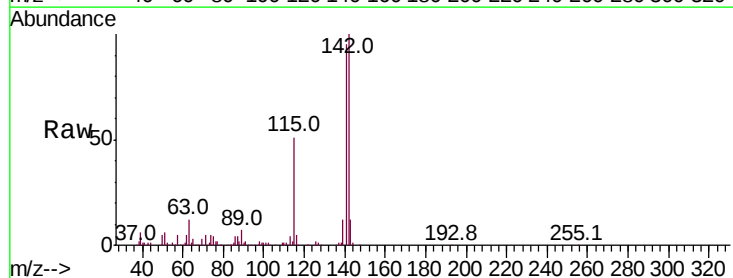
Instrument :
BNA_G
ClientSampleId :
PB119170BS

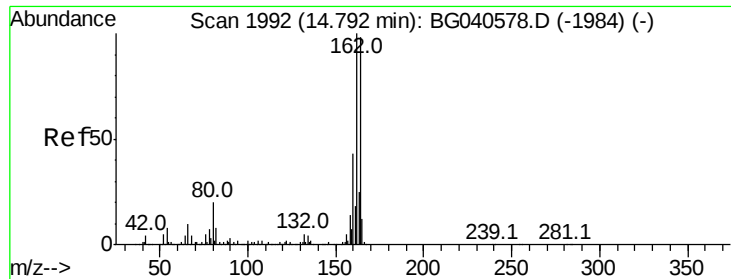
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	73.4	110.2
115	45.9	36.2	54.4



#38
1-Methylnaphthalene
Concen: 41.405 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	75.9	113.9
116	4.7	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB119170BS

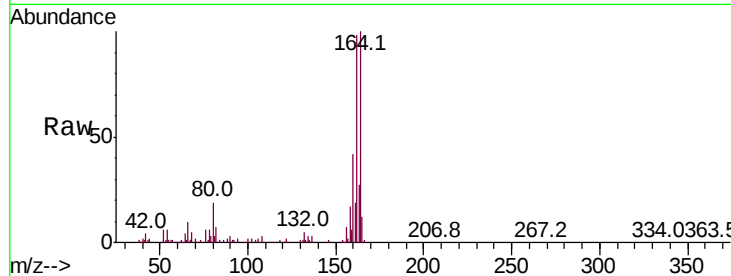
Tot Ion:164 Resp: 113619

Ion Ratio Lower Upper

164 100

162 97.7 81.9 122.9

160 42.5 35.4 53.2

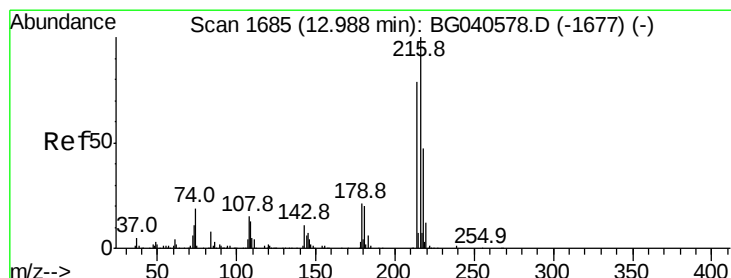
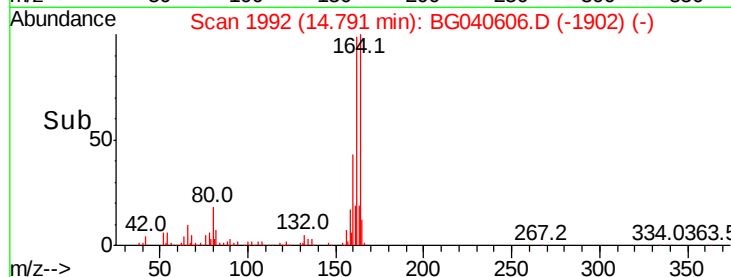
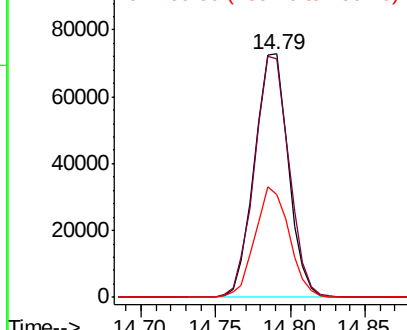


Abundance

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: 41.363 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Tgt Ion:216 Resp: 175074

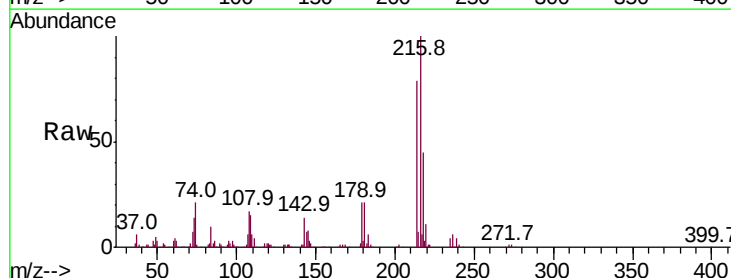
Ion Ratio Lower Upper

216 100

214 78.8 63.7 95.5

179 20.2 16.6 24.8

108 20.6 14.7 22.1



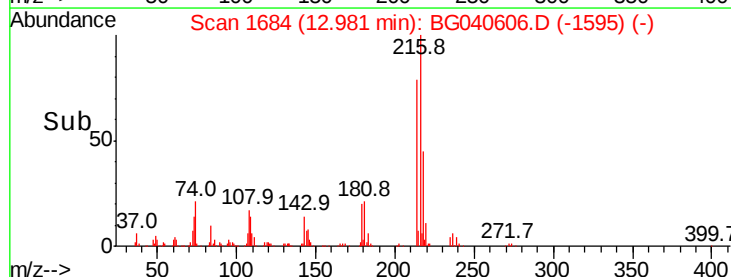
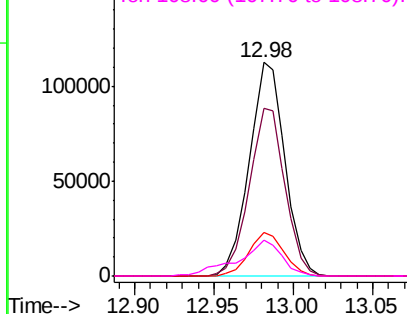
Abundance

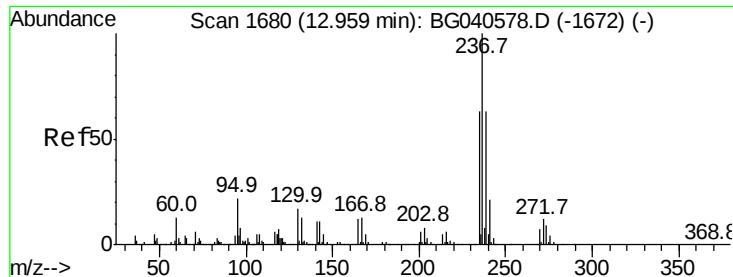
Ion 216.00 (215.70 to 216.70): E

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: 96.085 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB119170BS

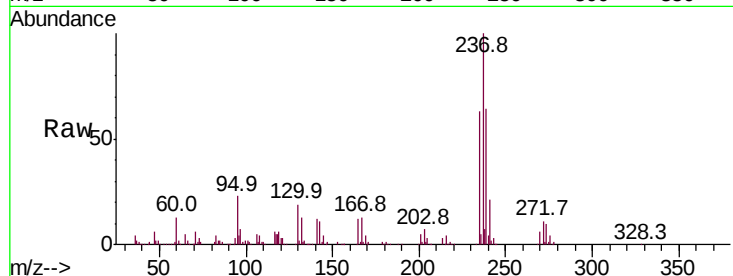
Tot Ion:237 Resp: 239980

Ion Ratio Lower Upper

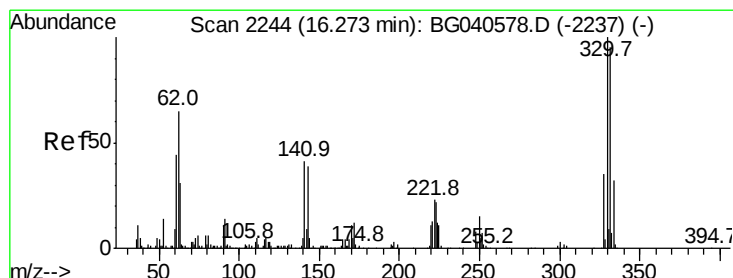
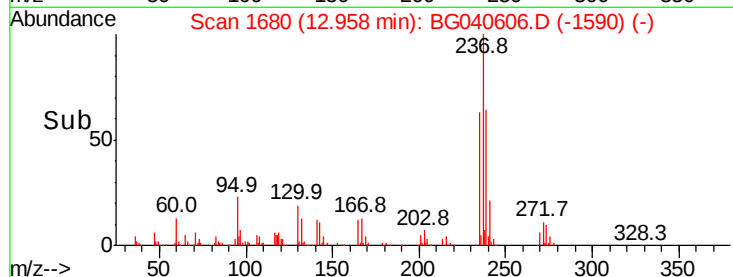
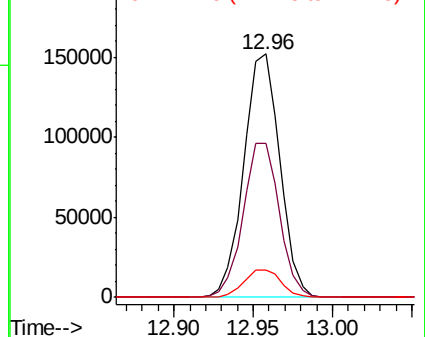
237 100

235 63.5 42.5 82.5

272 11.5 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: 133.696 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

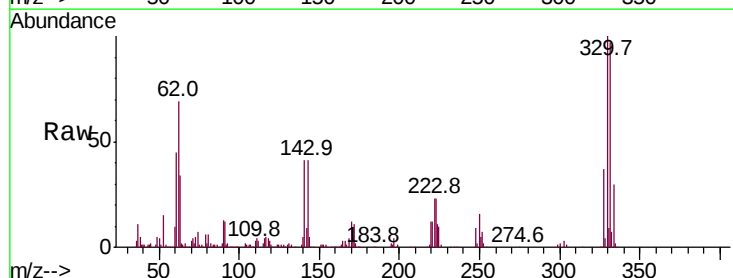
Tgt Ion:330 Resp: 208795

Ion Ratio Lower Upper

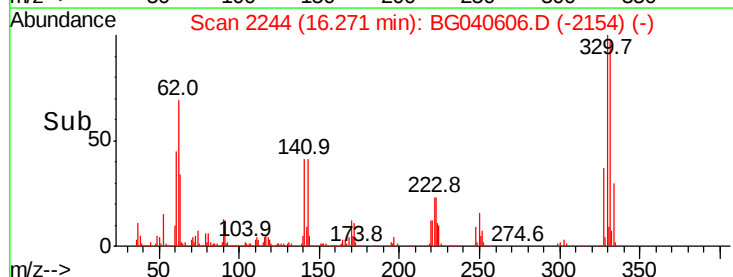
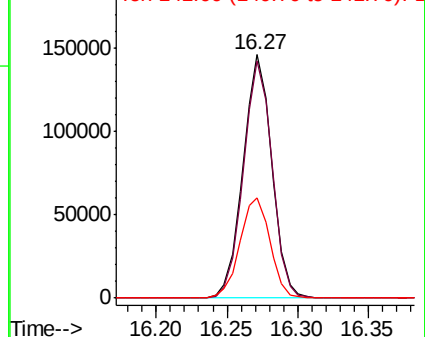
330 100

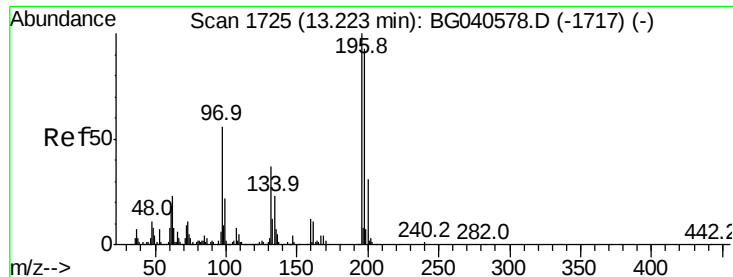
332 96.9 75.9 113.9

141 43.1 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: 46.200 ng

RT: 13.22 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB119170BS

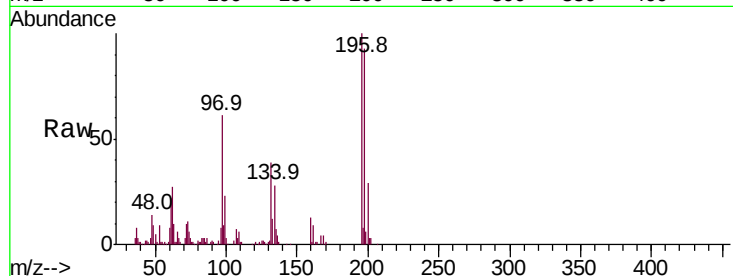
Tot Ion:196 Resp: 118170

Ion Ratio Lower Upper

196 100

198 92.8 74.8 112.2

200 29.0 24.9 37.3

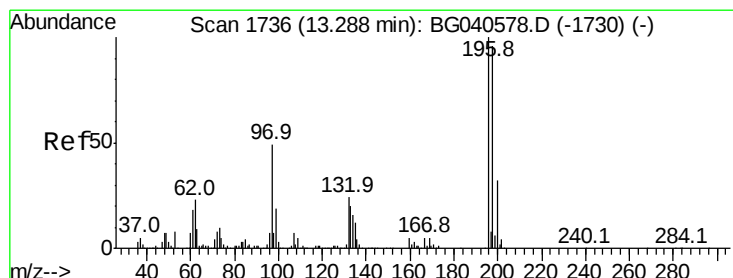
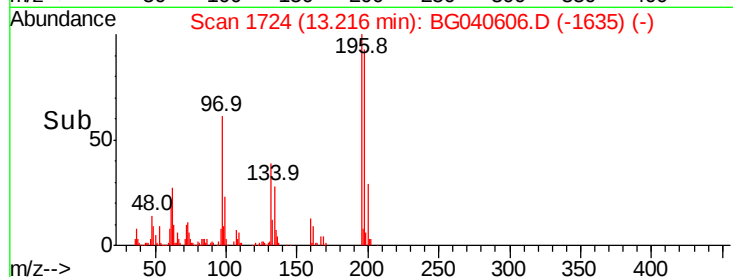
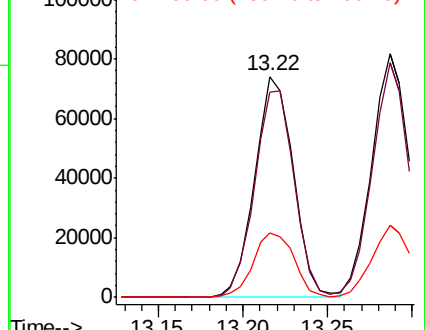


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 46.119 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Tgt Ion:196 Resp: 128502

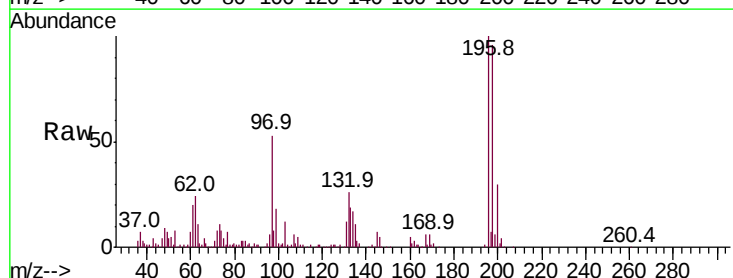
Ion Ratio Lower Upper

196 100

198 96.2 77.0 115.6

97 52.6 40.0 60.0

132 25.9 19.2 28.8



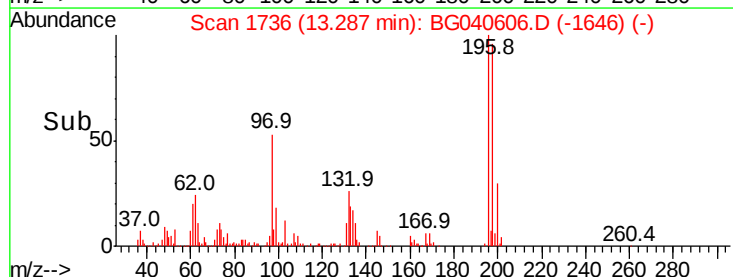
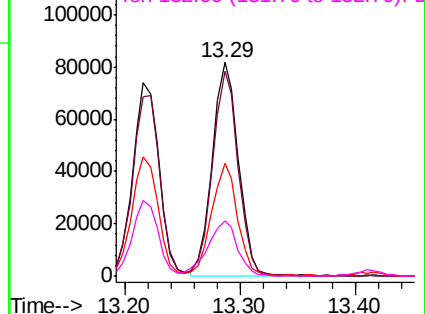
Abundance

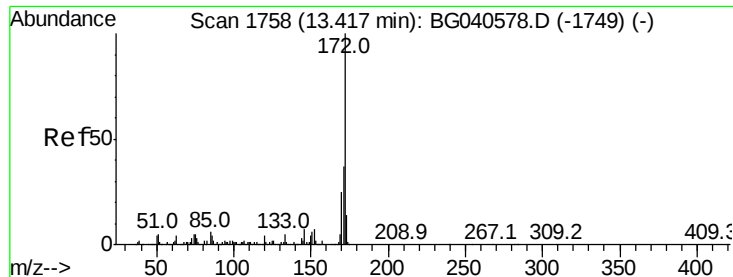
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 74.821 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

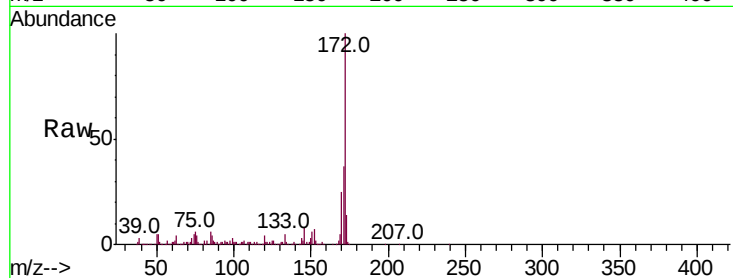
BNA_G

ClientSampleId :

PB119170BS

Tot Ion:172 Resp: 588633

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.2
170	25.3	19.9	29.9

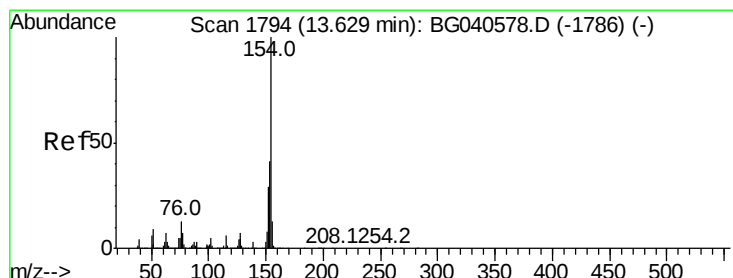
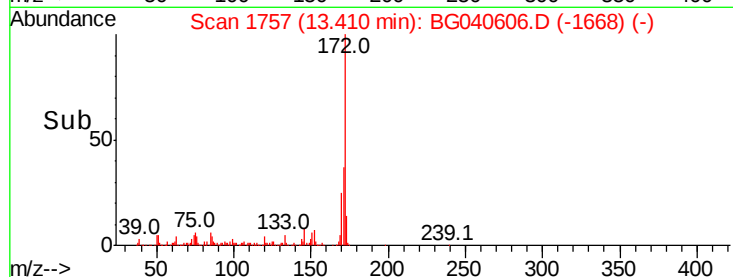
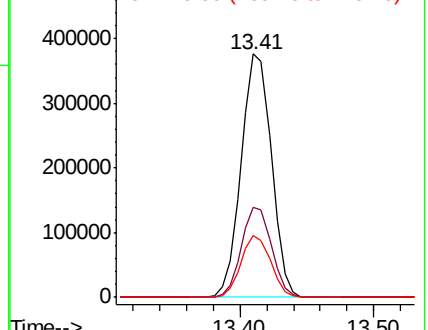


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.428 ng

RT: 13.63 min Scan# 1794

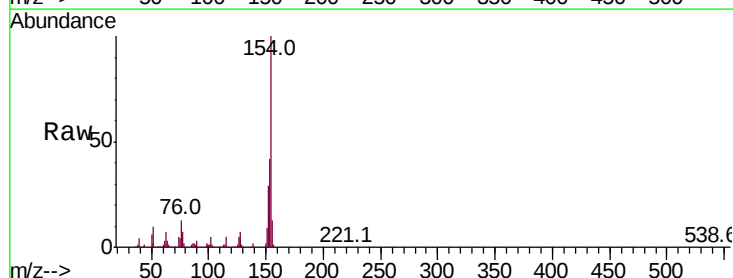
Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Tgt Ion:154 Resp: 365457

Ion	Ratio	Lower	Upper
154	100		
153	42.5	20.5	60.5
76	13.1	0.0	32.5

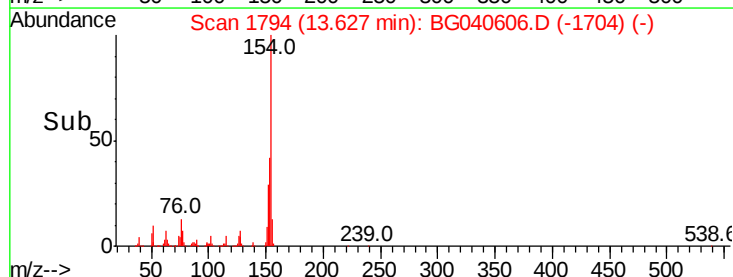
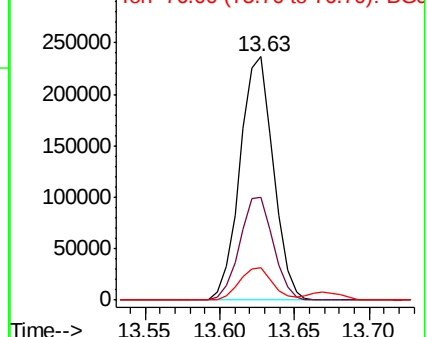


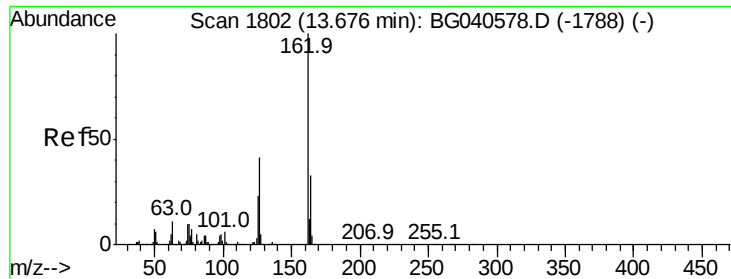
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

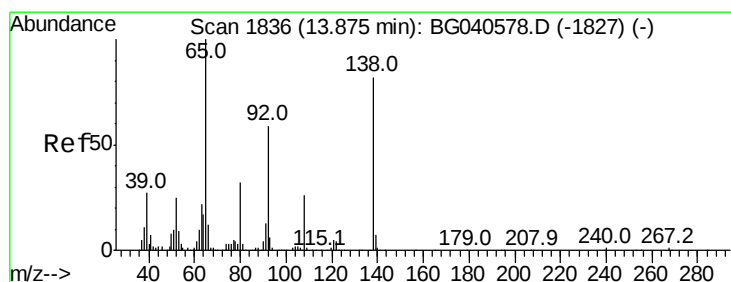
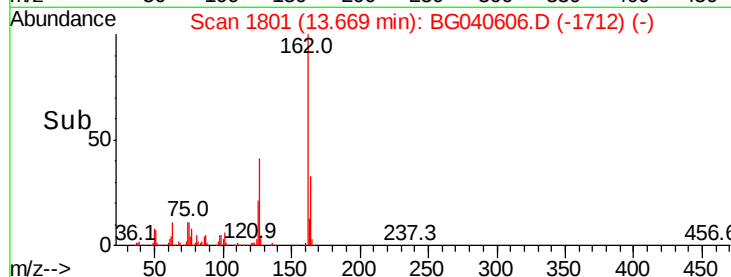
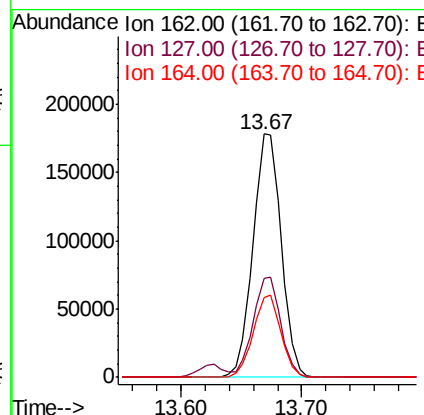
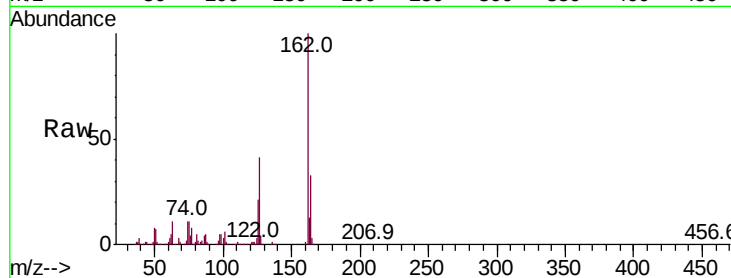




#47
2-Chloronaphthalene
Concen: 41.994 ng
RT: 13.67 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

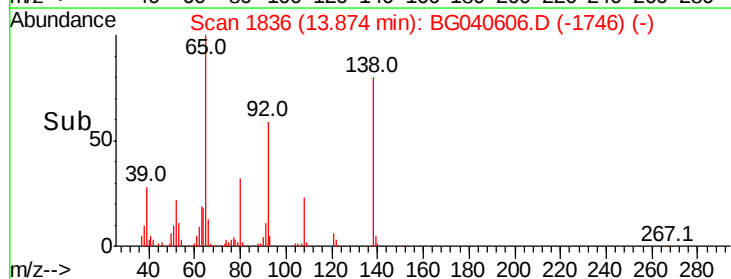
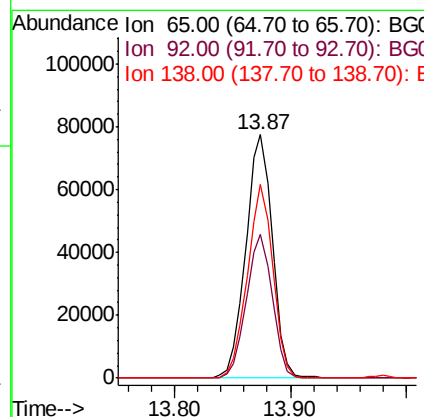
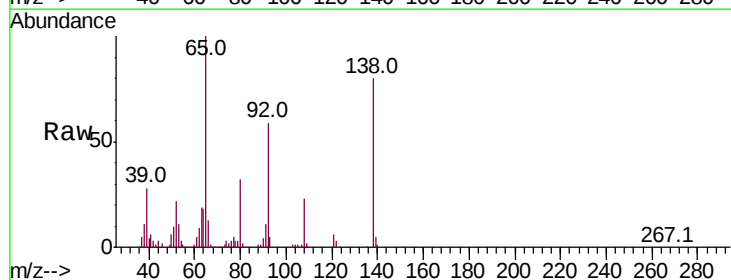
Instrument :
BNA_G
ClientSampleId :
PB119170BS

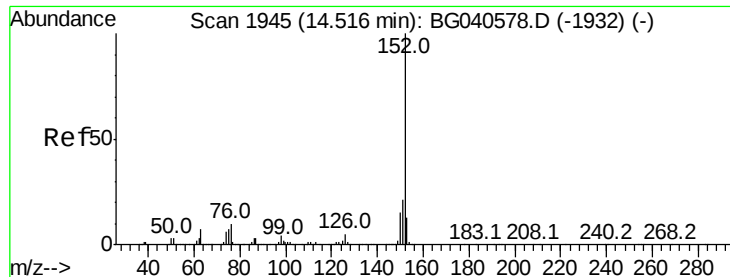
Tot Ion:162 Resp: 289910
Ion Ratio Lower Upper
162 100
127 40.6 33.0 49.4
164 32.9 26.8 40.2



#48
2-Nitroaniline
Concen: 50.301 ng
RT: 13.87 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

Tgt Ion: 65 Resp: 123611
Ion Ratio Lower Upper
65 100
92 59.3 47.4 71.0
138 79.5 66.1 99.1





#49

Acenaphthylene

Concen: 40.069 ng

RT: 14.51 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

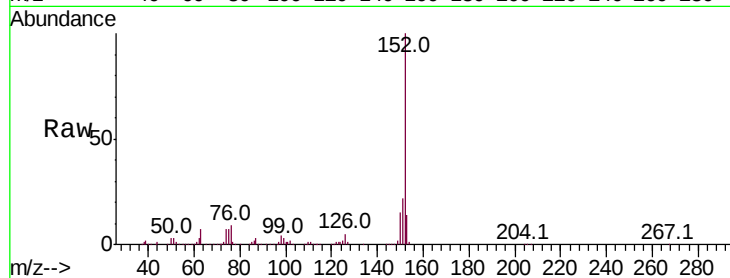
BNA_G

ClientSampleId :

PB119170BS

Tot Ion:152 Resp: 469317

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.2	25.8
153	14.1	10.7	16.1

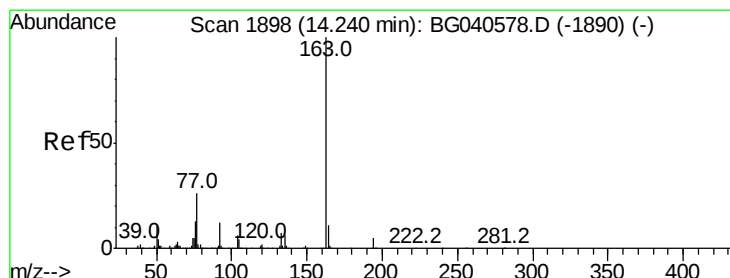
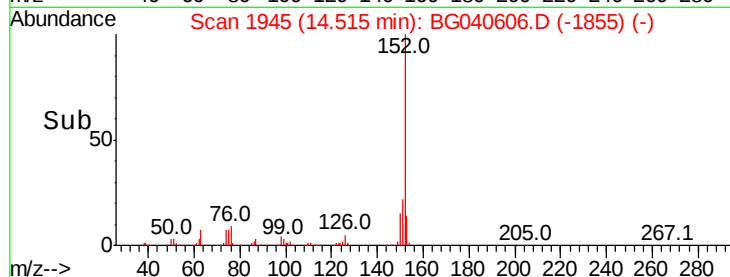
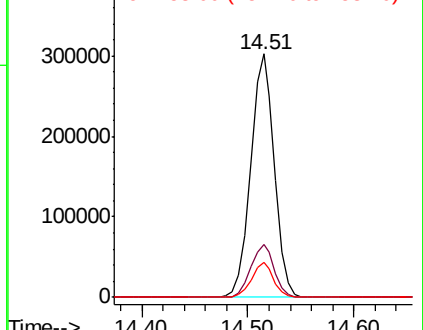


Abundance

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: 42.038 ng

RT: 14.24 min Scan# 1898

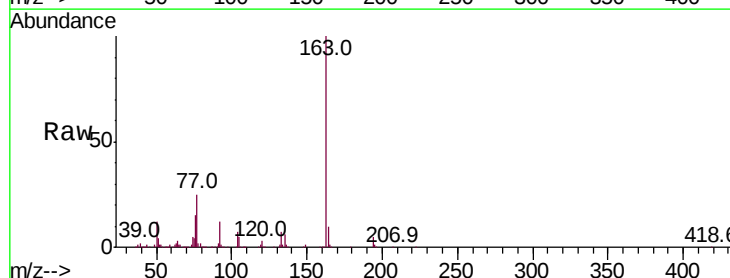
Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Tgt Ion:163 Resp: 399626

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.8	5.8
164	10.0	8.8	13.2

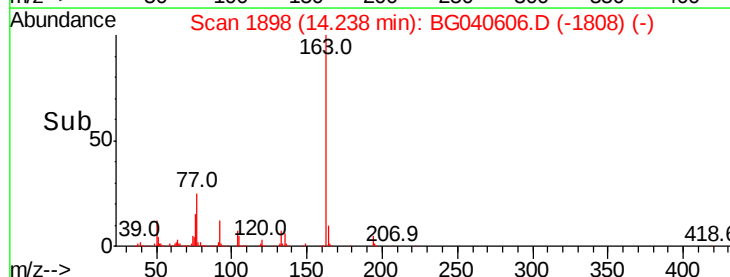
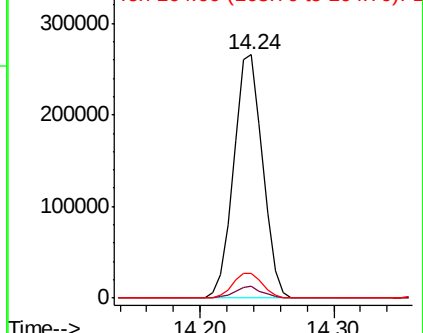


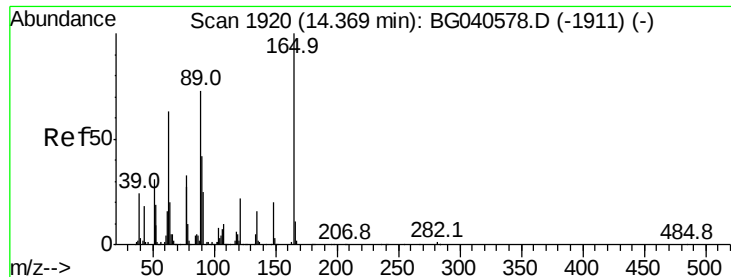
Abundance

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

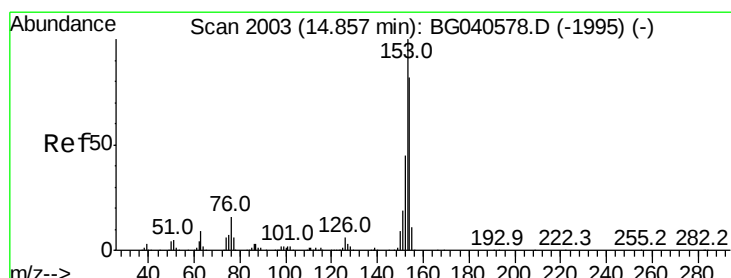
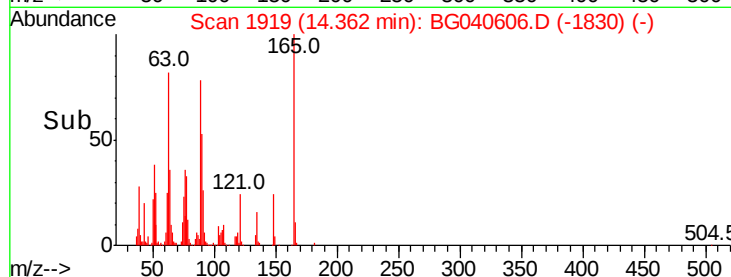
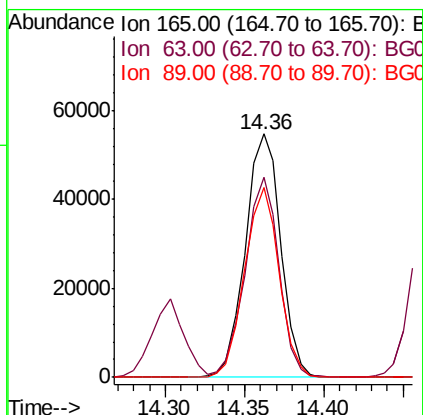
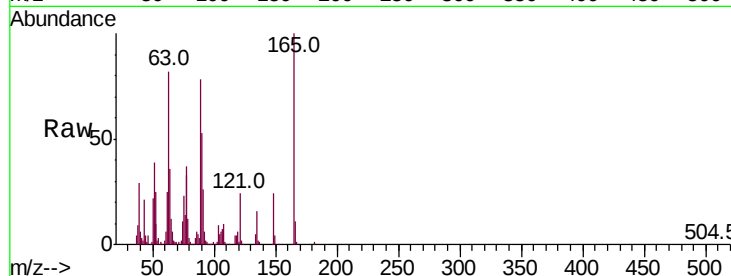




#51
 2,6-Dinitrotoluene
 Concen: 45.523 ng
 RT: 14.36 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BG040606.D
 Acq: 25 Apr 2019 12:20

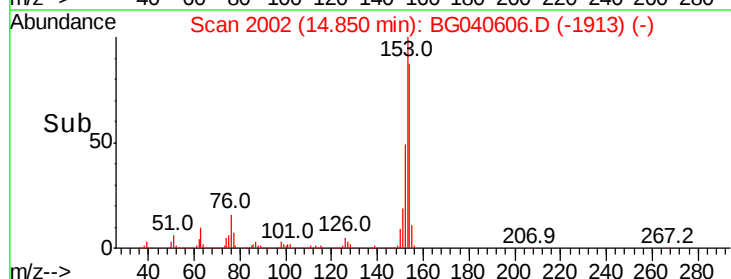
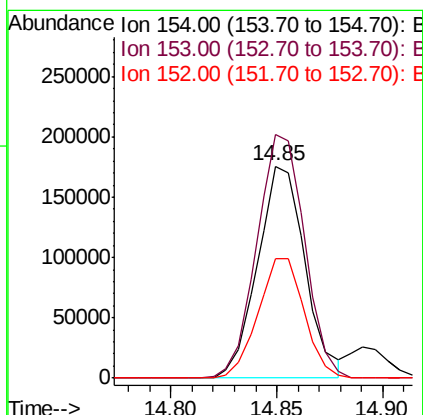
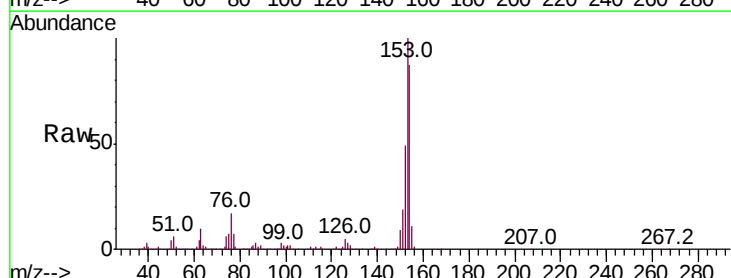
Instrument :
 BNA_G
 ClientSampleId :
 PB119170BS

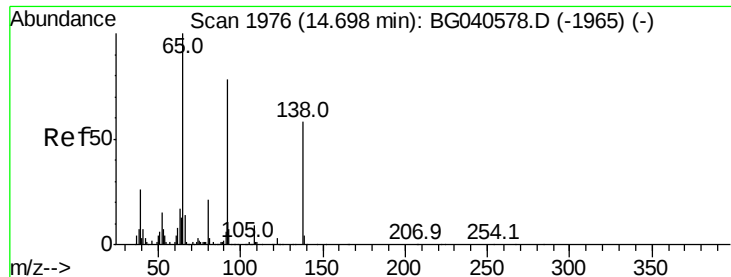
Tot Ion:165 Resp: 84460
 Ion Ratio Lower Upper
 165 100
 63 82.4 61.0 91.4
 89 78.1 58.6 87.8



#52
 Acenaphthene
 Concen: 40.238 ng
 RT: 14.85 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BG040606.D
 Acq: 25 Apr 2019 12:20

Tgt Ion:154 Resp: 274465
 Ion Ratio Lower Upper
 154 100
 153 114.8 97.0 145.6
 152 56.4 44.1 66.1

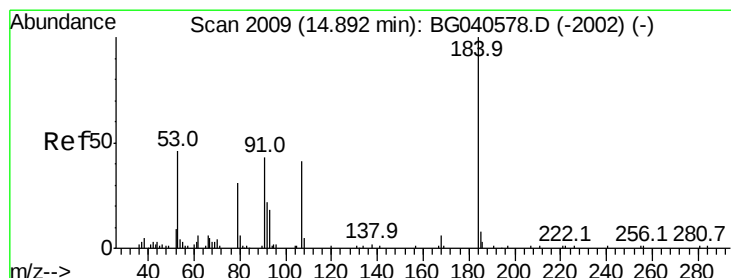
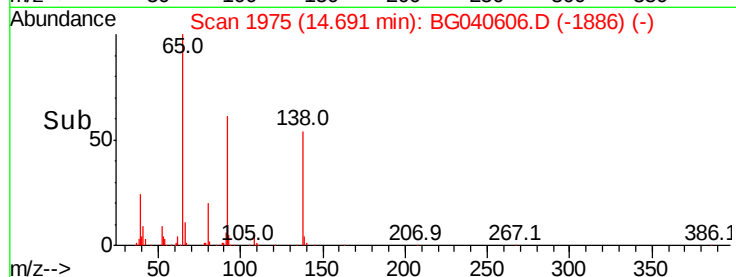
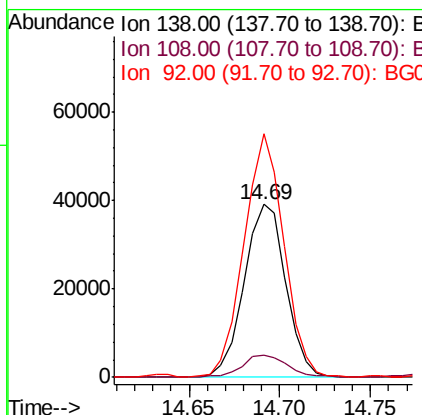
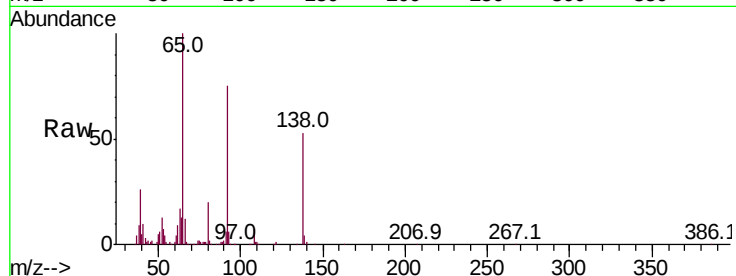




#53
3-Nitroaniline
Concen: 32.843 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

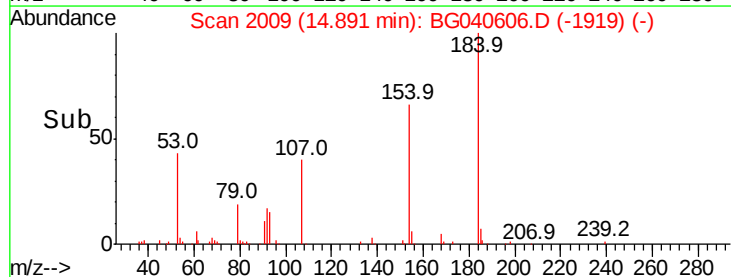
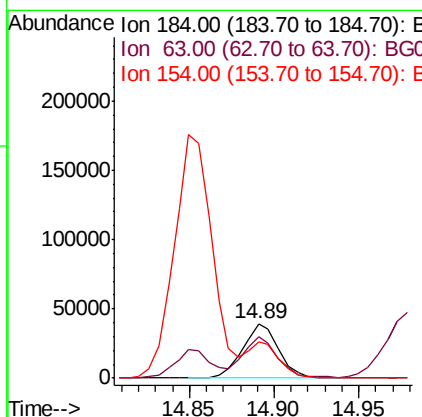
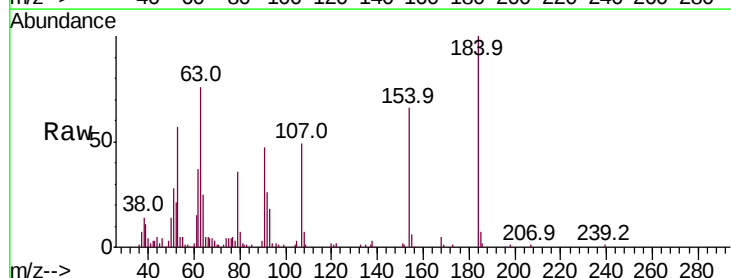
Instrument :
BNA_G
ClientSampleId :
PB119170BS

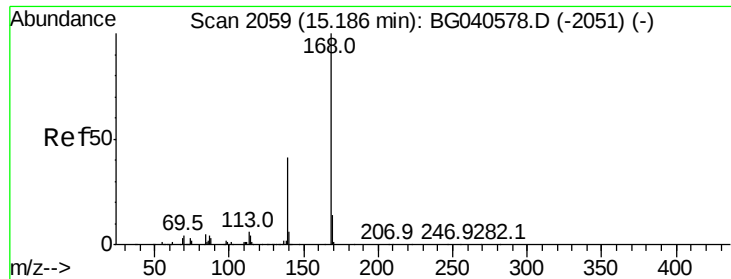
Tot Ion:138 Resp: 62435
Ion Ratio Lower Upper
138 100
108 13.0 12.4 18.6
92 140.8 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 57.453 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

Tgt Ion:184 Resp: 57851
Ion Ratio Lower Upper
184 100
63 76.1 51.8 77.6
154 66.4 43.6 65.4#





#55

Dibenzenofuran

Concen: 42.285 ng

RT: 15.18 min Scan# 2059

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB119170BS

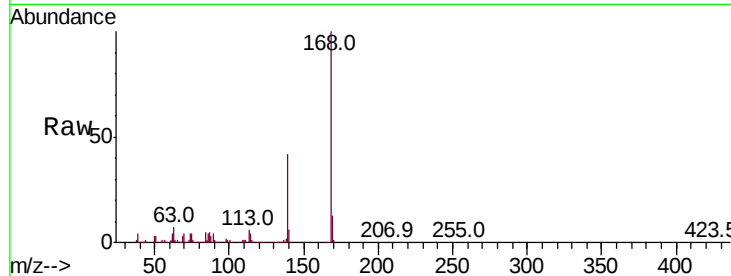
Tot Ion:168 Resp: 472423

Ion Ratio Lower Upper

168 100

139 42.0 33.0 49.4

169 12.7 11.0 16.4

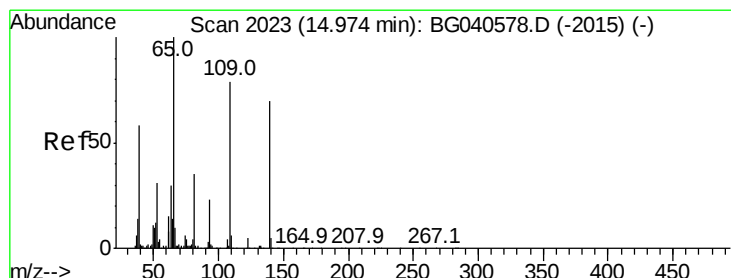
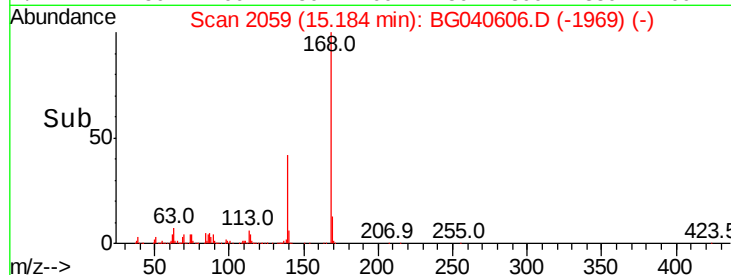
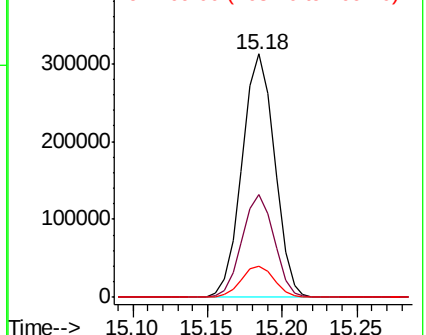


Abundance

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: 94.908 ng

RT: 14.98 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

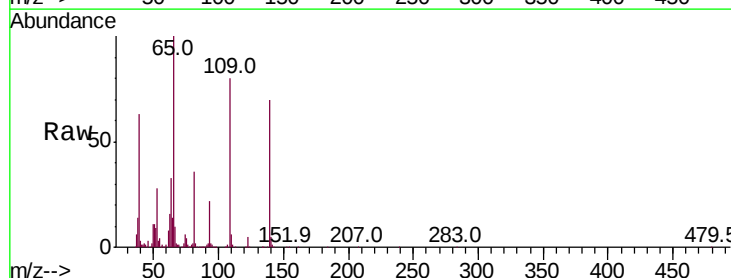
Tgt Ion:139 Resp: 156444

Ion Ratio Lower Upper

139 100

109 113.8 93.8 133.8

65 142.1 122.7 162.7

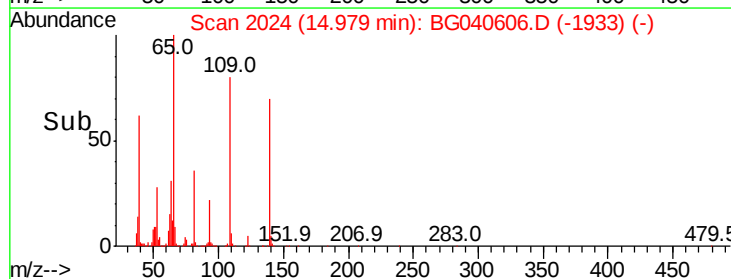
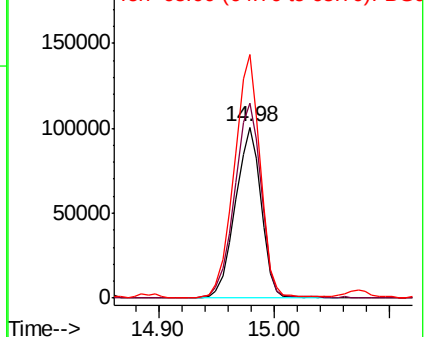


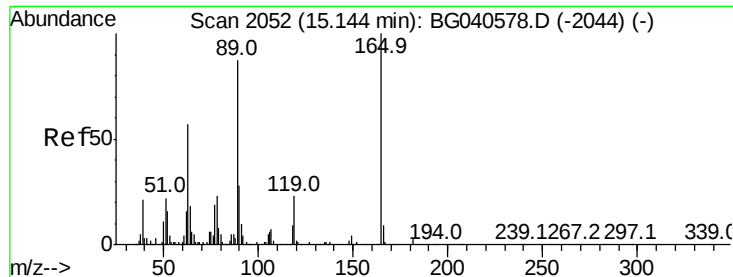
Abundance

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

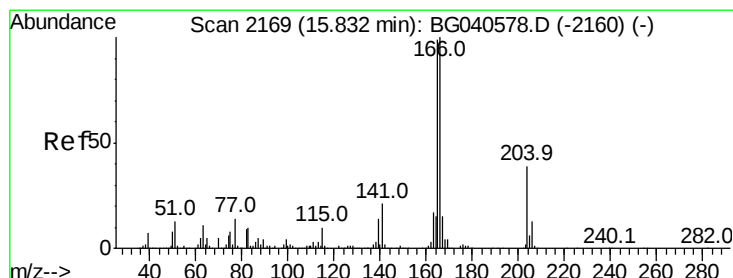
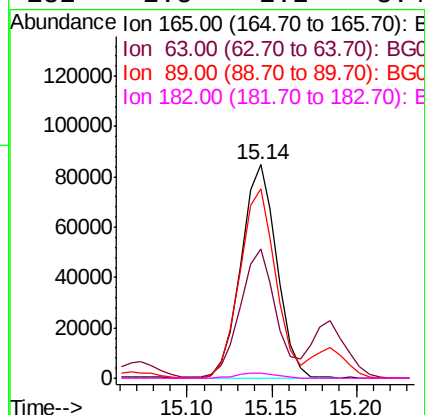
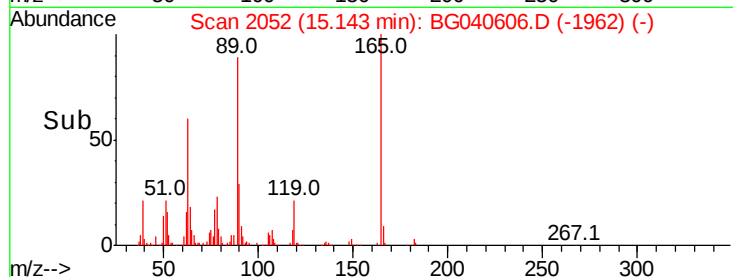
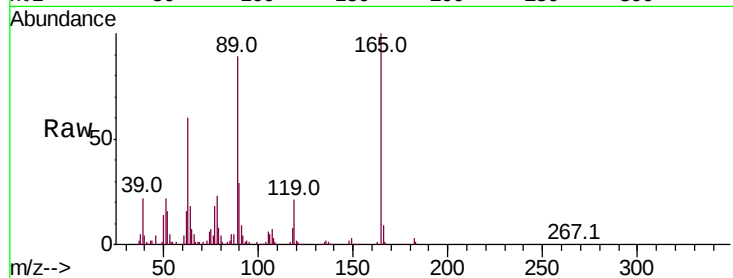




#57
2,4-Dinitrotoluene
Concen: 49.491 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

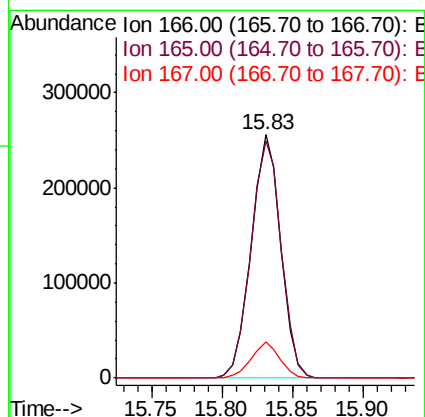
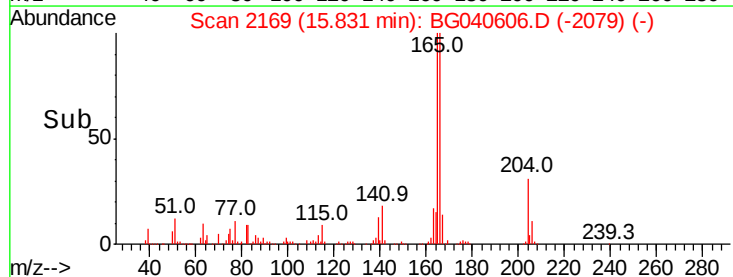
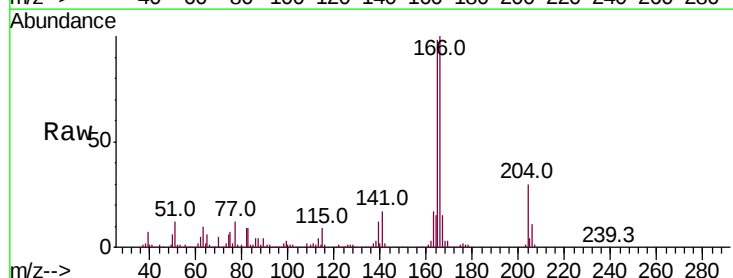
Instrument :
BNA_G
ClientSampleId :
PB119170BS

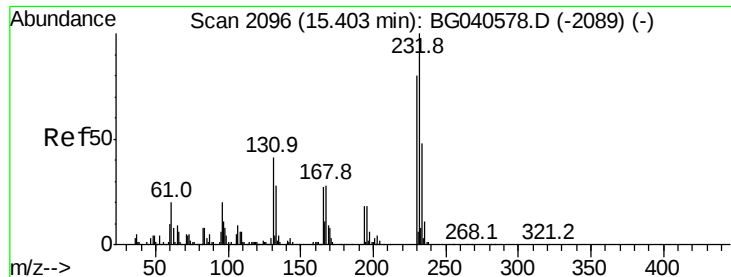
Tot Ion:165 Resp: 124771
Ion Ratio Lower Upper
165 100
63 60.5 45.8 68.8
89 89.0 69.4 104.2
182 2.5 2.2 3.4



#58
Fluorene
Concen: 41.609 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

Tgt Ion:166 Resp: 375740
Ion Ratio Lower Upper
166 100
165 97.6 79.6 119.4
167 14.7 12.2 18.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.675 ng

RT: 15.40 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB119170BS

Tot Ion:232 Resp: 133705

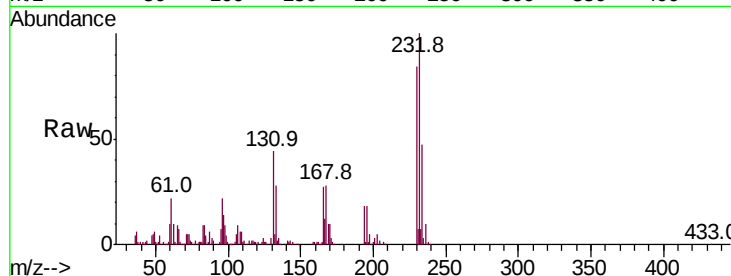
Ion Ratio Lower Upper

232 100

131 43.1 33.0 49.4

130 2.3 2.0 3.0

166 28.3 22.1 33.1

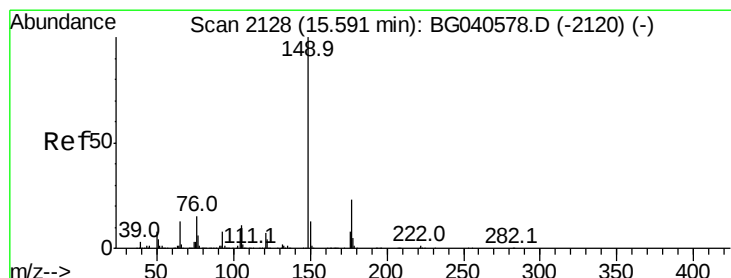
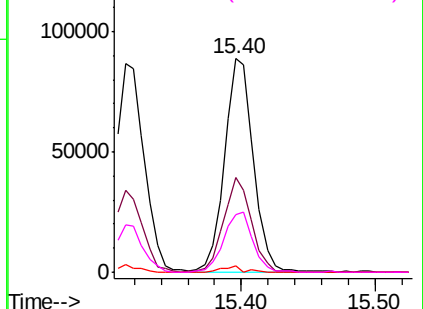
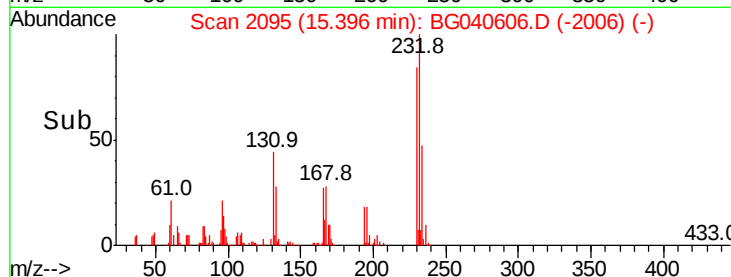


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.230 ng

RT: 15.59 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

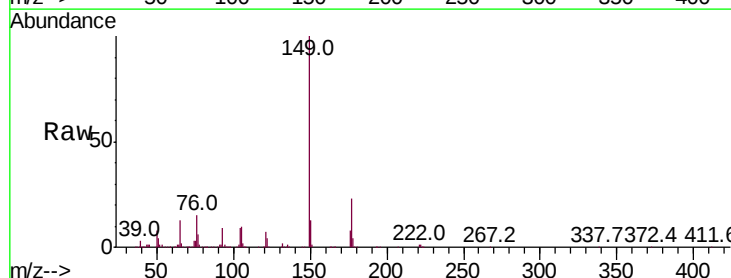
Tgt Ion:149 Resp: 433590

Ion Ratio Lower Upper

149 100

177 23.5 18.5 27.7

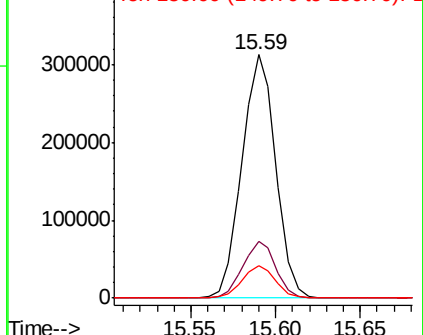
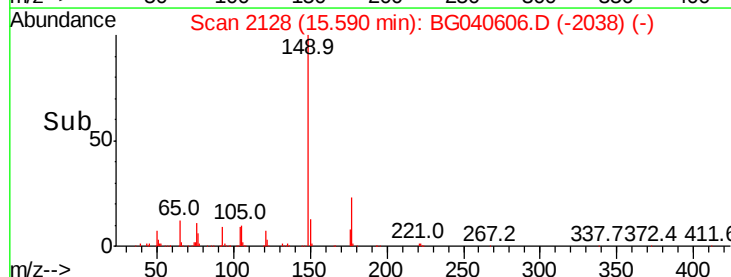
150 13.4 10.2 15.4

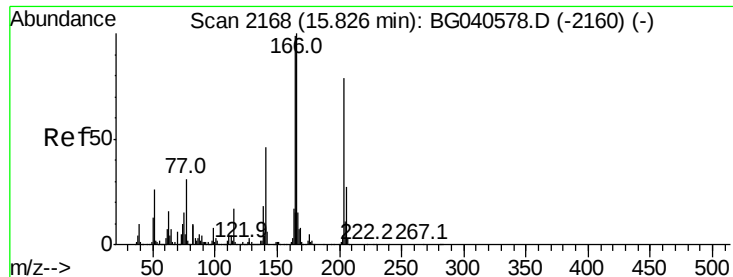


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

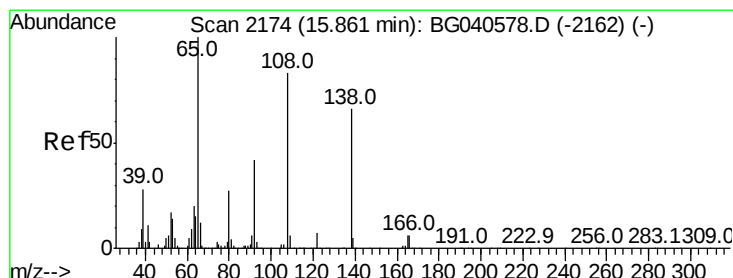
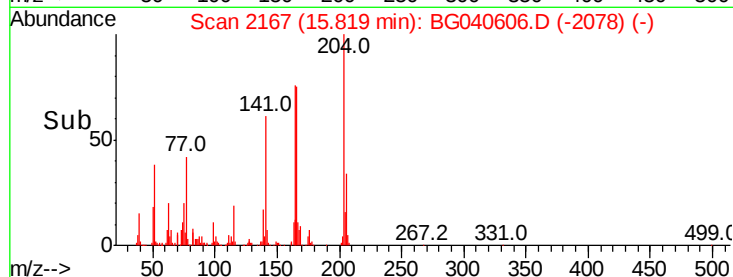
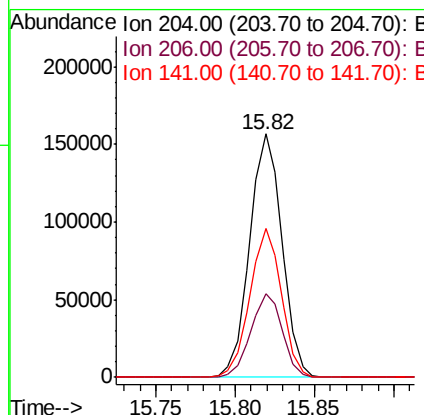
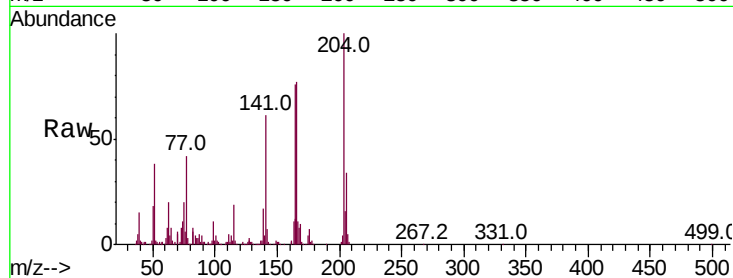




#61
4-Chlorophenyl-phenylether
Concen: 42.346 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

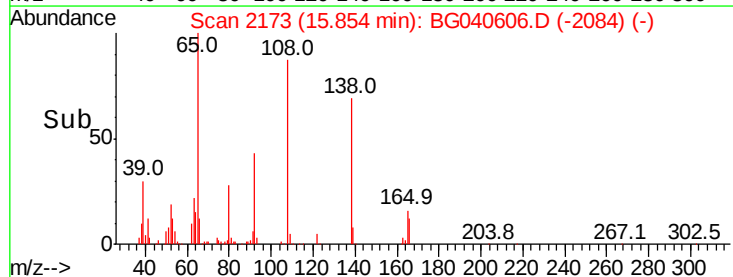
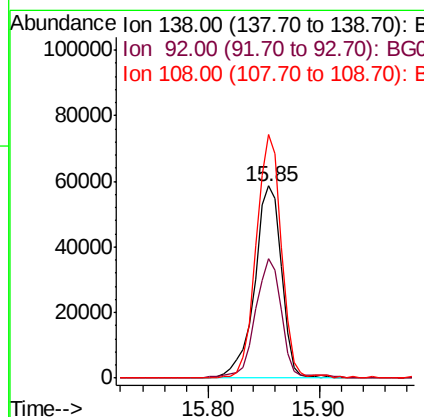
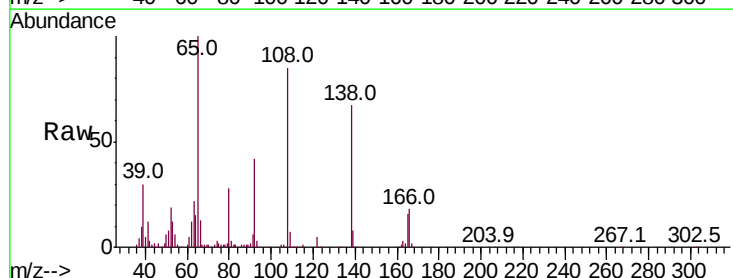
Instrument :
BNA_G
ClientSampleId :
PB119170BS

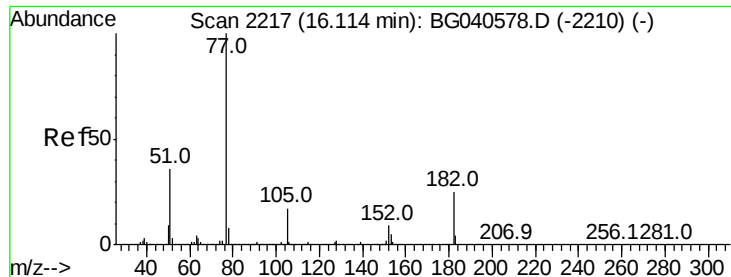
Tot Ion:204 Resp: 222403
Ion Ratio Lower Upper
204 100
206 34.1 27.4 41.2
141 61.2 46.0 69.0



#62
4-Nitroaniline
Concen: 47.311 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

Tgt Ion:138 Resp: 100607
Ion Ratio Lower Upper
138 100
92 61.9 43.9 83.9
108 126.6 106.5 146.5

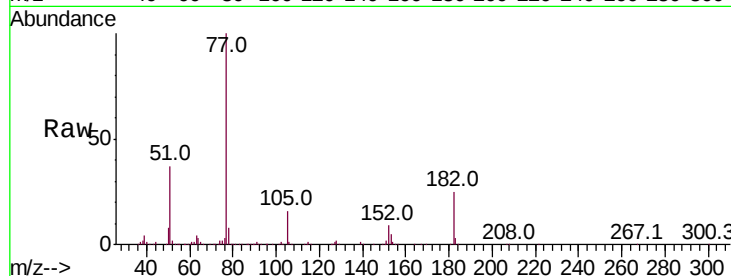




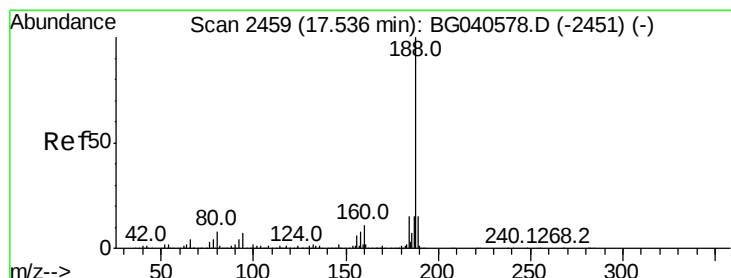
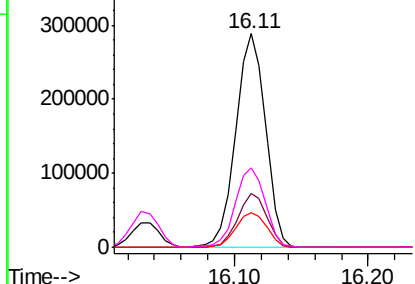
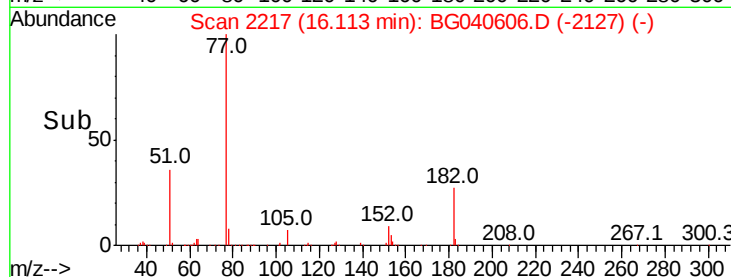
#63
Azobenzene
Concen: 42.919 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

Instrument :
BNA_G
ClientSampleId :
PB119170BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.2	5.0	45.0
105	16.4	0.0	37.6
51	37.2	16.3	56.3

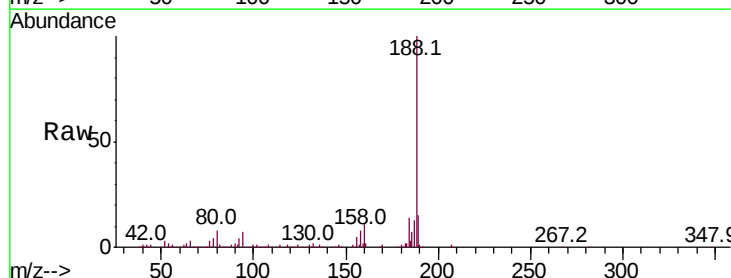


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

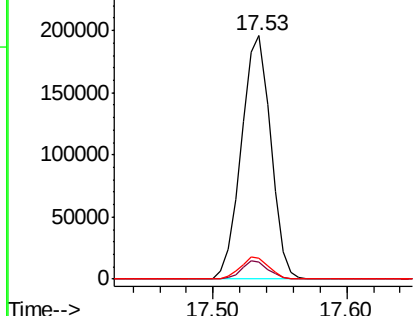
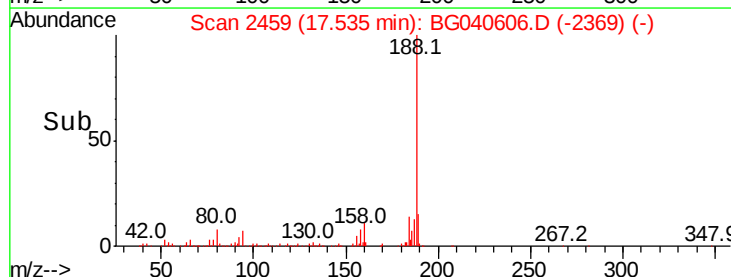


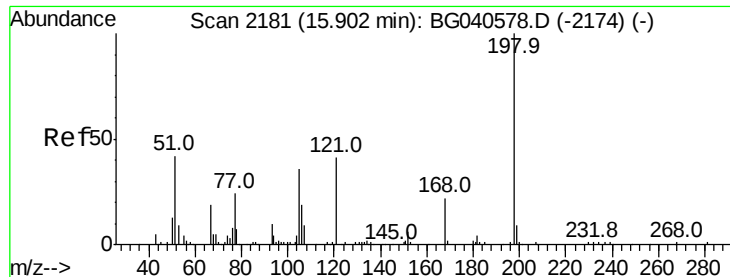
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.6	8.4
80	8.4	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





#65

4,6-Dinitro-2-methylphenol

Concen: 38.034 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB119170BS

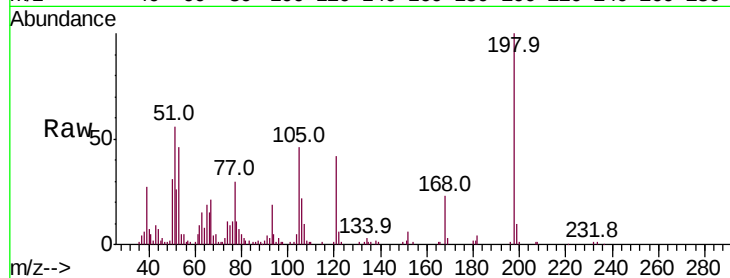
Tot Ion:198 Resp: 53061

Ion Ratio Lower Upper

198 100

51 56.0 35.9 75.9

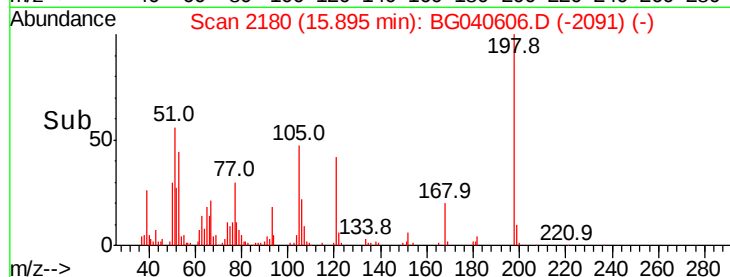
105 46.3 21.2 61.2



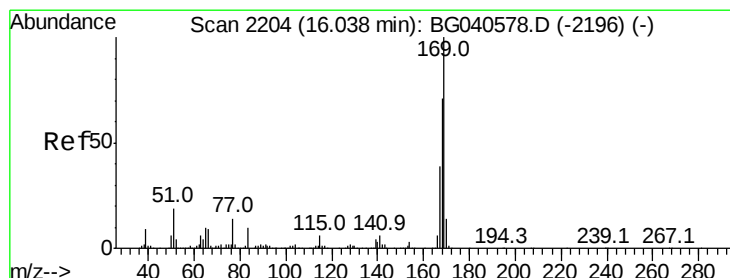
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 40.429 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

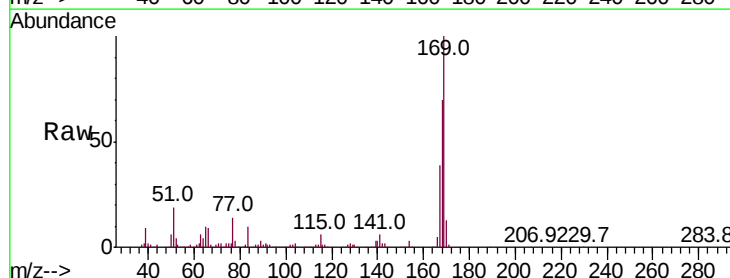
Tgt Ion:169 Resp: 352834

Ion Ratio Lower Upper

169 100

168 69.5 56.8 85.2

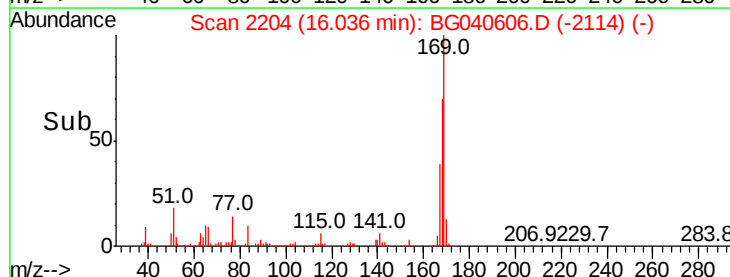
167 38.6 31.4 47.0



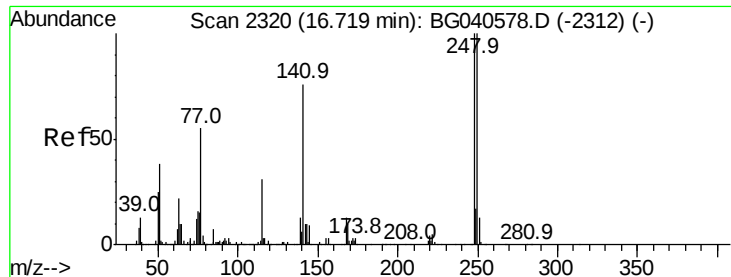
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



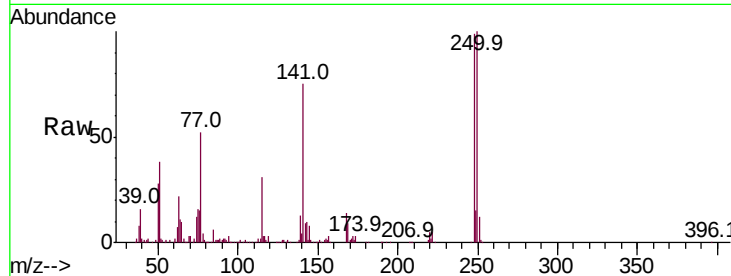
Time-->



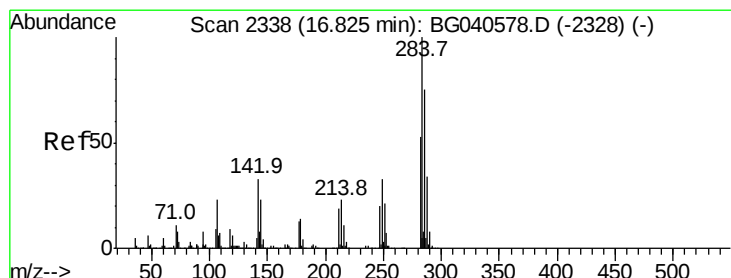
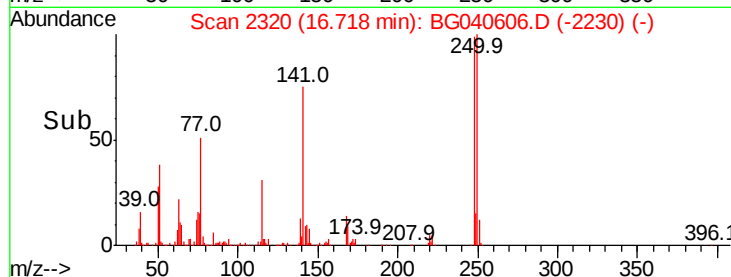
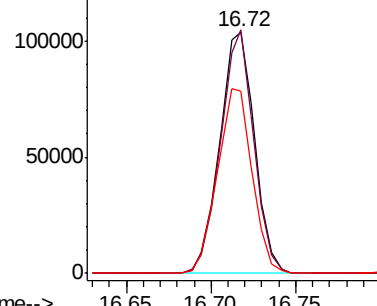
#67
4-Bromophenyl-phenylether
Concen: 40.202 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

Instrument :
BNA_G
ClientSampleId :
PB119170BS

Tot Ion:248 Resp: 148572
Ion Ratio Lower Upper
248 100
250 100.8 79.8 119.6
141 75.7 60.8 91.2

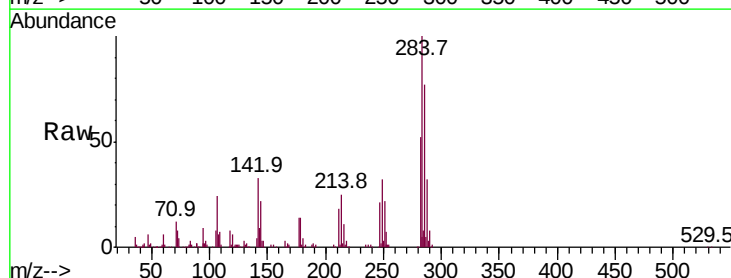


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

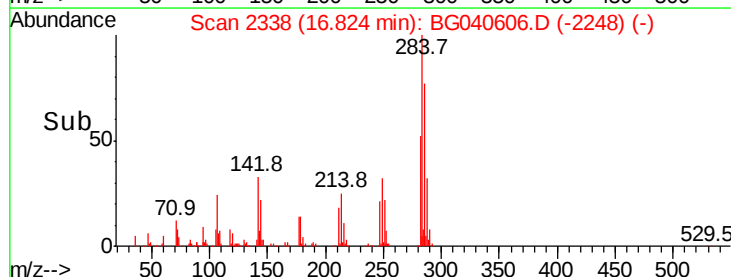
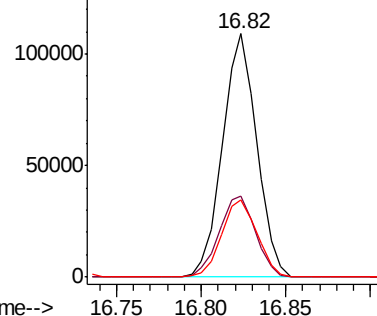


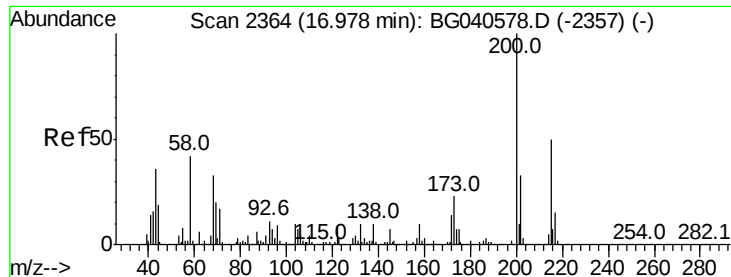
#68
Hexachlorobenzene
Concen: 40.308 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

Tgt Ion:284 Resp: 154031
Ion Ratio Lower Upper
284 100
142 33.4 26.6 40.0
249 31.8 26.0 39.0



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





#69

Atrazine

Concen: 44.702 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB119170BS

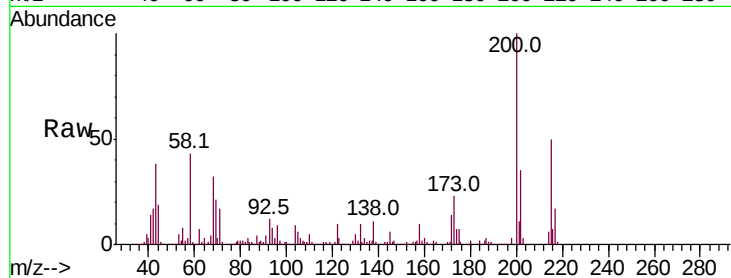
Tot Ion:200 Resp: 154568

Ion Ratio Lower Upper

200 100

173 23.4 2.8 42.8

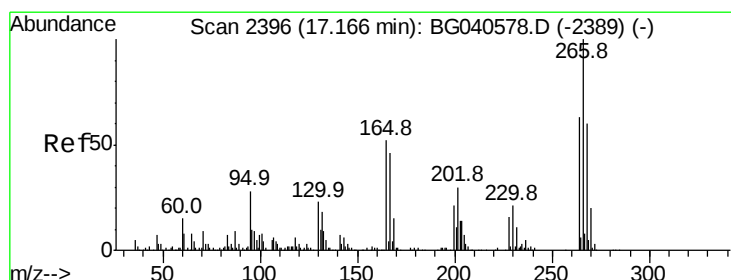
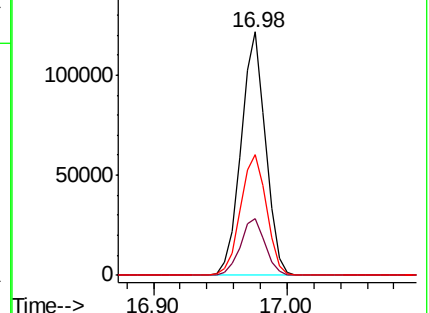
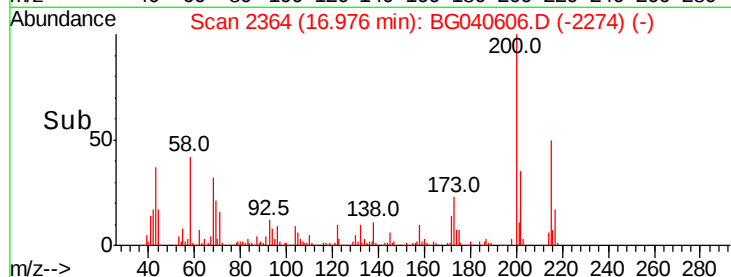
215 49.8 30.2 70.2



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: 89.500 ng

RT: 17.17 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

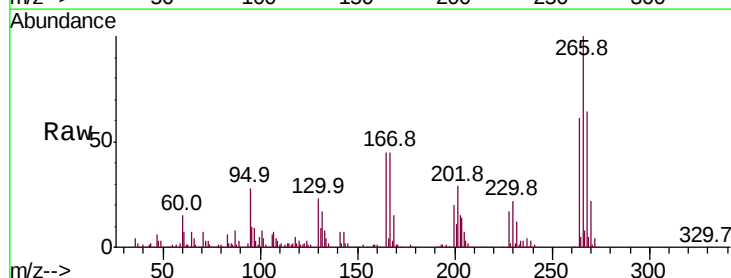
Tgt Ion:266 Resp: 200132

Ion Ratio Lower Upper

266 100

268 64.1 52.3 78.5

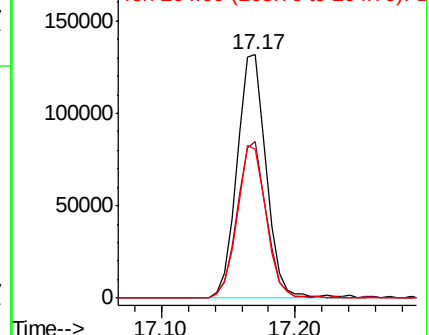
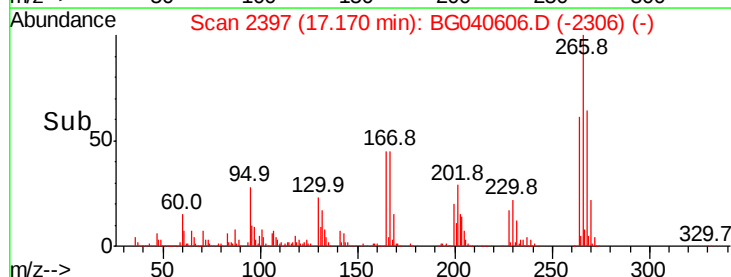
264 61.0 50.0 75.0

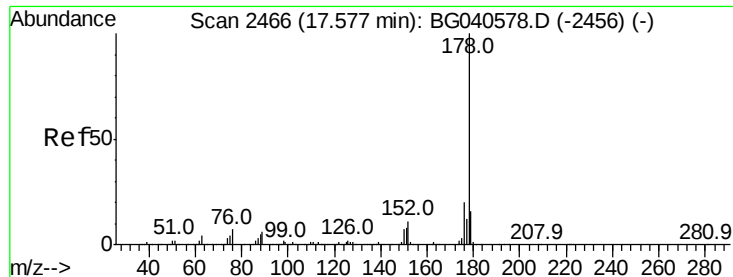


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

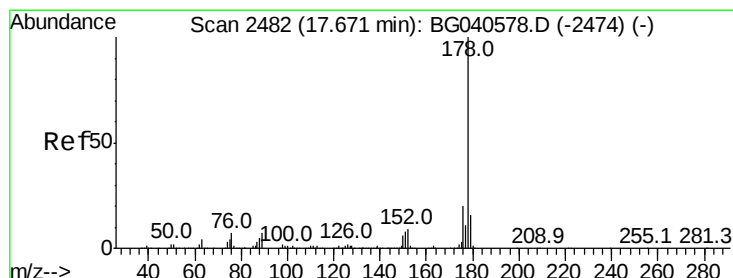
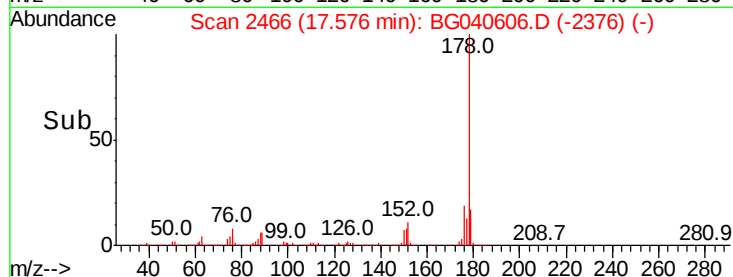
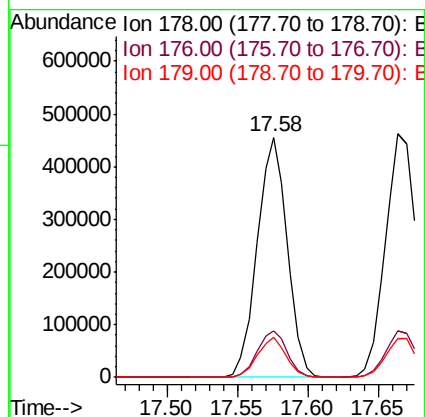
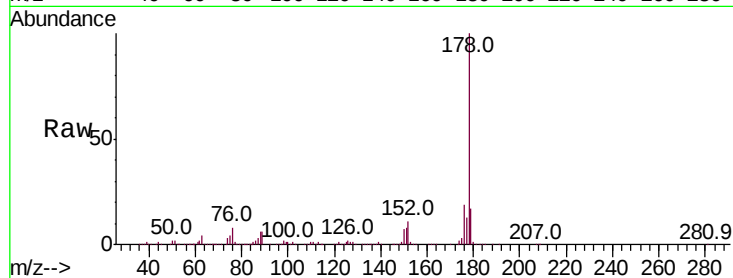




#71
Phenanthrene
Concen: 42.544 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

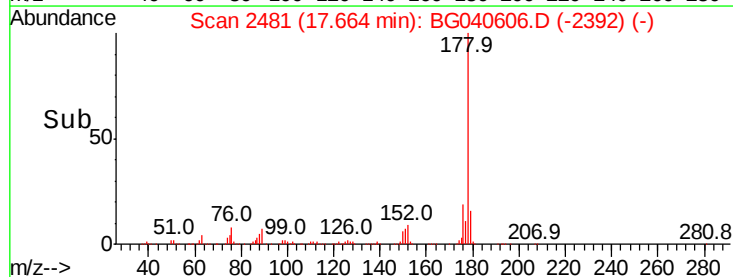
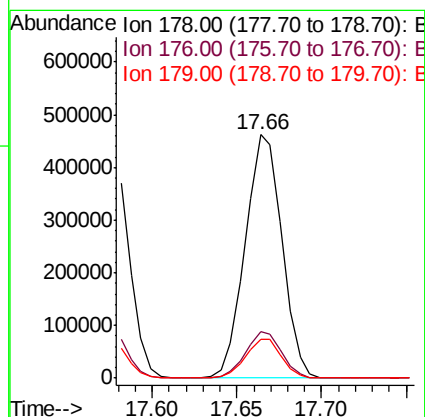
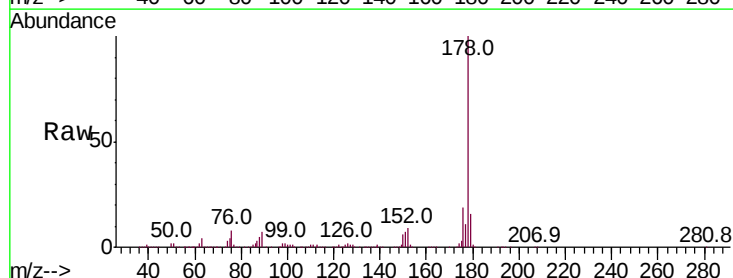
Instrument :
BNA_G
ClientSampleId :
PB119170BS

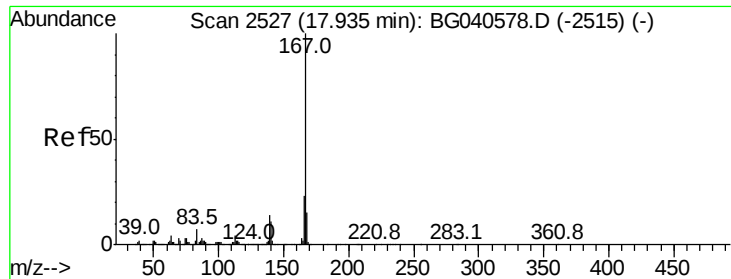
Tot Ion:178 Resp: 679742
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 16.6 12.6 18.8



#72
Anthracene
Concen: 43.579 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BG040606.D
Acq: 25 Apr 2019 12:20

Tgt Ion:178 Resp: 699874
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 16.0 12.9 19.3

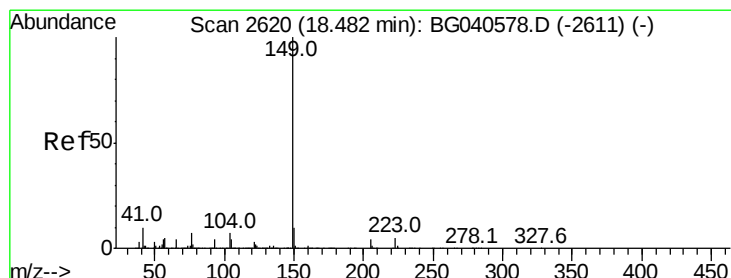
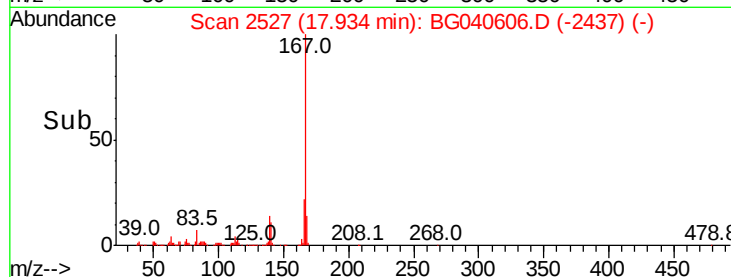
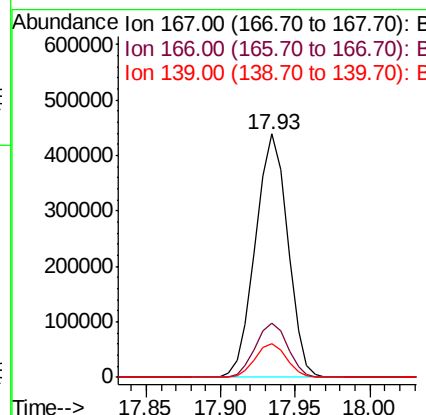
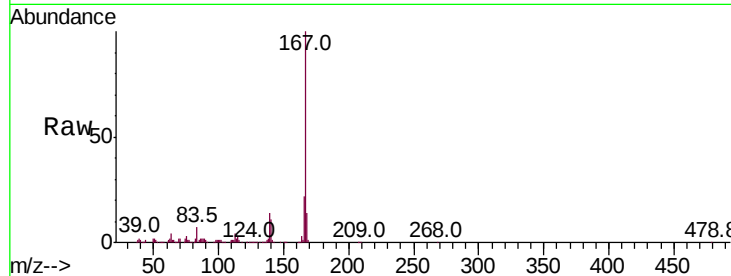




#73
 Carbazole
 Concen: 44.900 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG040606.D
 Acq: 25 Apr 2019 12:20

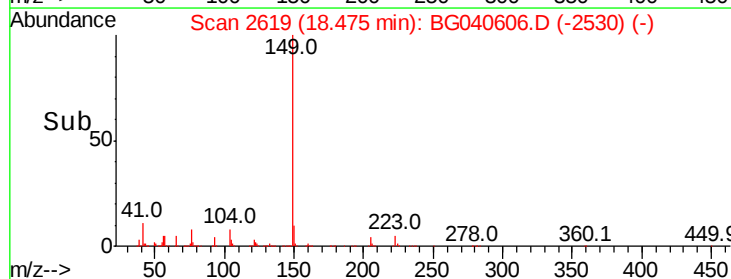
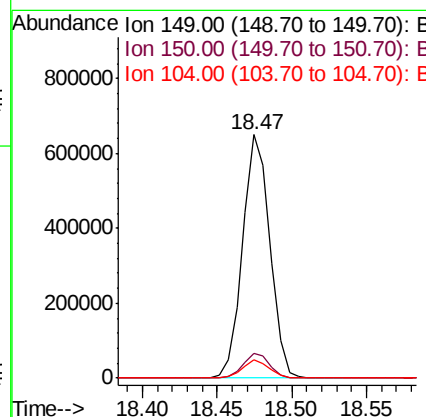
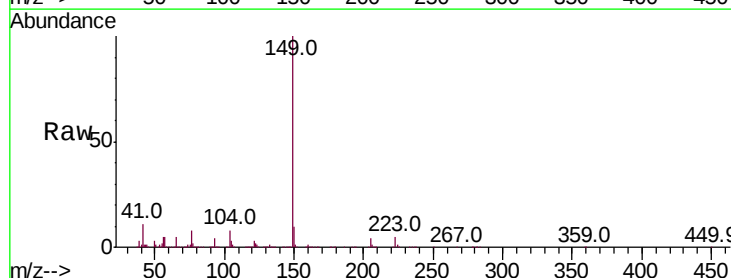
Instrument :
 BNA_G
 ClientSampleId :
 PB119170BS

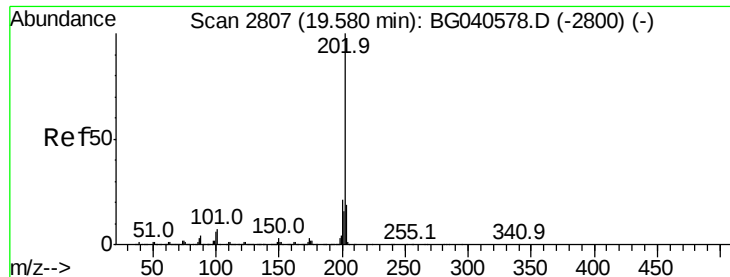
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	14.0	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 46.598 ng
 RT: 18.47 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BG040606.D
 Acq: 25 Apr 2019 12:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	7.6	5.4	8.2





#75

Fluoranthene

Concen: 47.285 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB119170BS

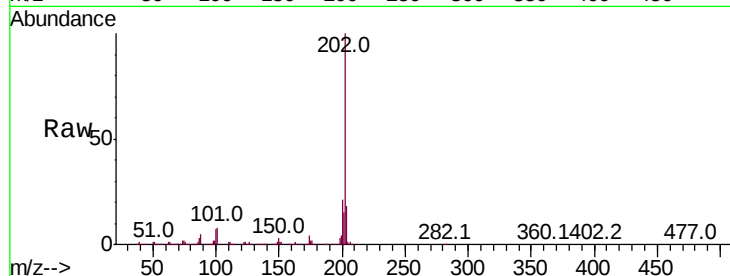
Tot Ion:202 Resp: 941462

Ion Ratio Lower Upper

202 100

101 7.9 0.0 27.5

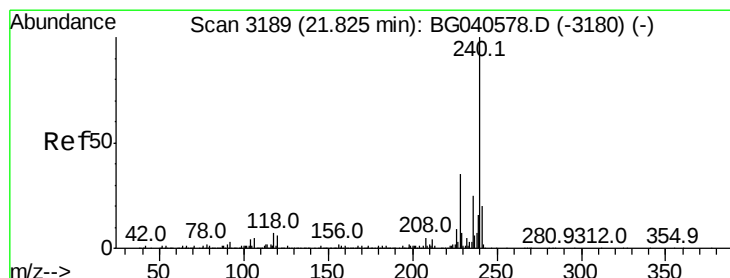
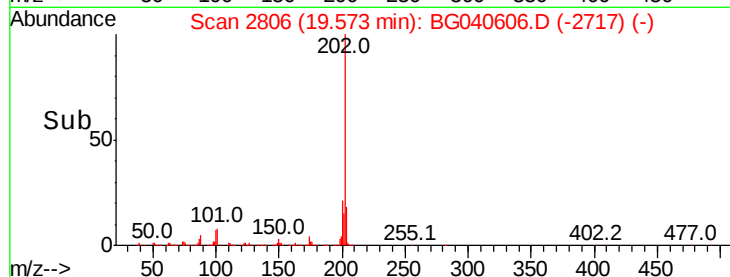
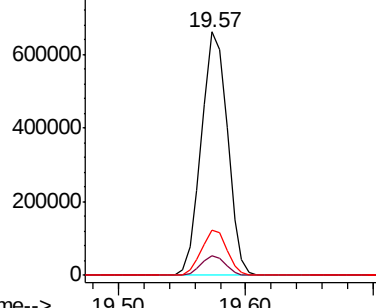
203 18.4 0.0 39.3



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: 21.82 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

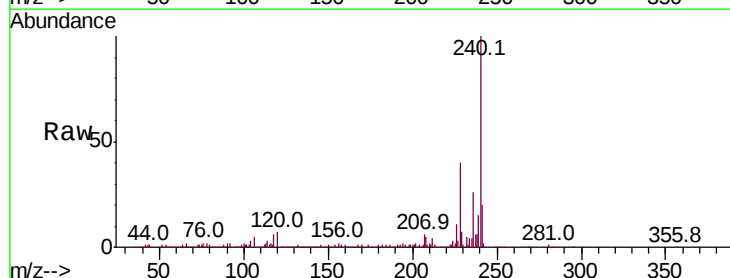
Tgt Ion:240 Resp: 369111

Ion Ratio Lower Upper

240 100

120 7.2 5.0 7.6

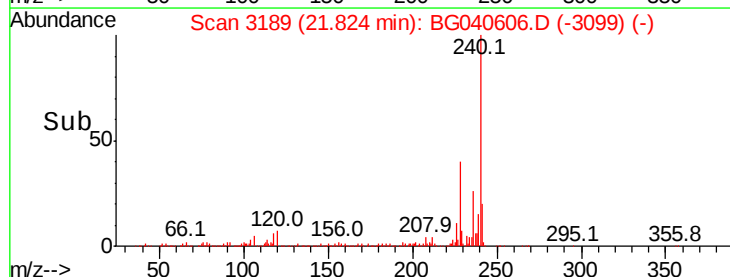
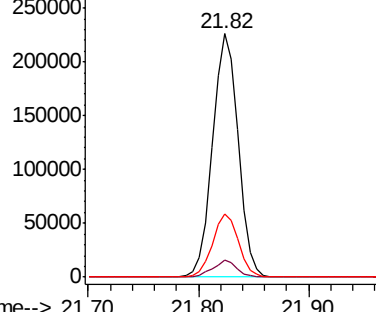
236 26.0 20.3 30.5

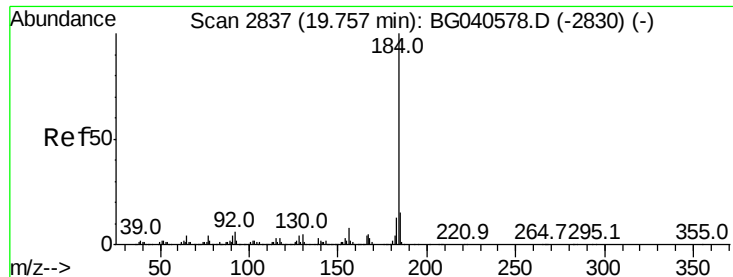


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.438 ng

RT: 19.76 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

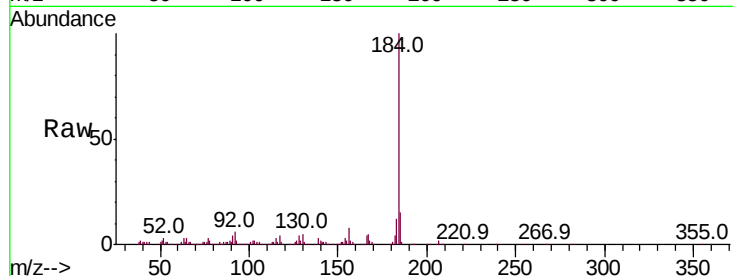
BNA_G

ClientSampleId :

PB119170BS

Tot Ion:184 Resp: 388474

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.8	17.8
183	12.1	10.2	15.2

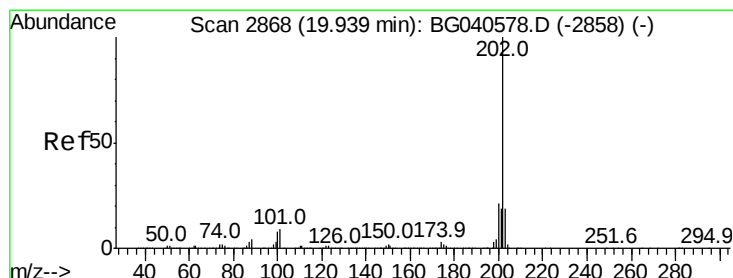
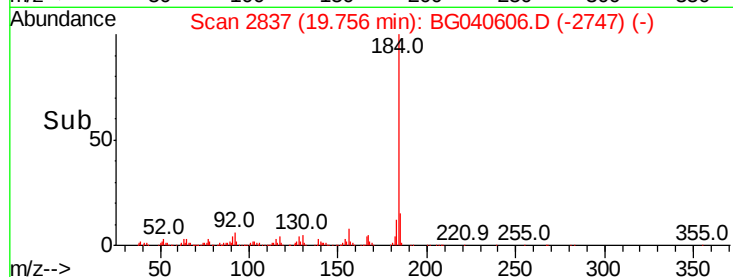
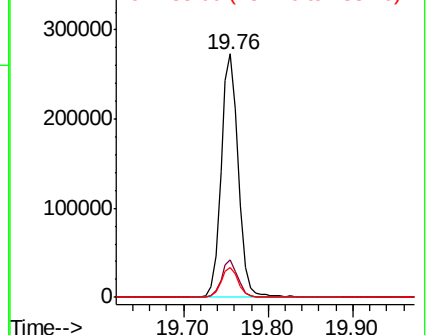


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.553 ng

RT: 19.94 min Scan# 2868

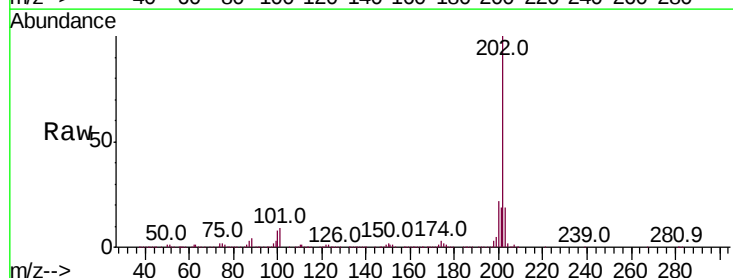
Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Tgt Ion:202 Resp: 961291

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	18.8	15.0	22.4

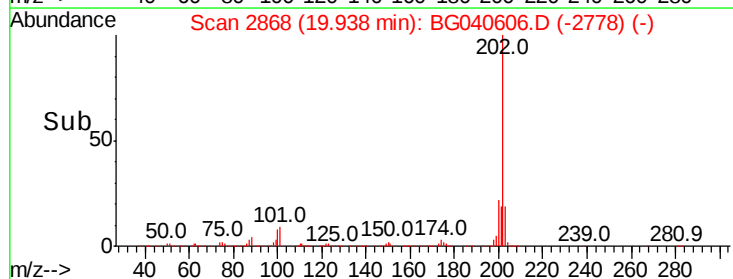
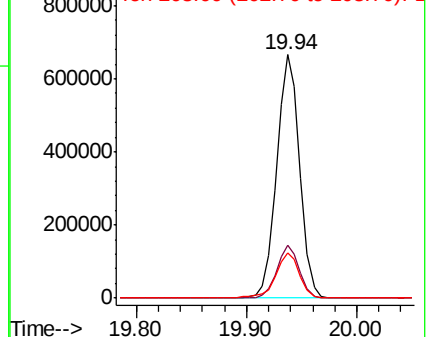


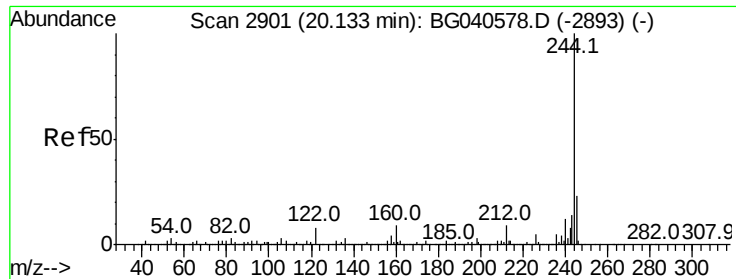
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



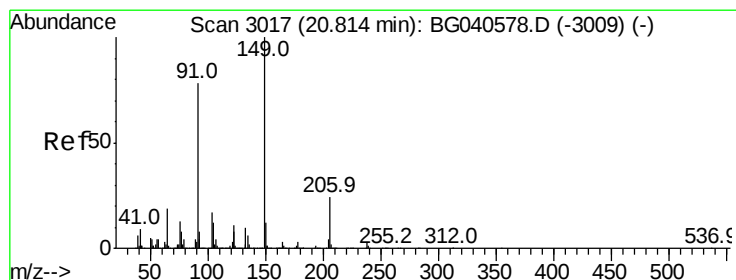
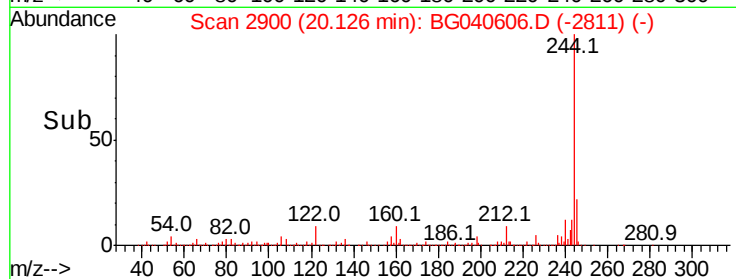
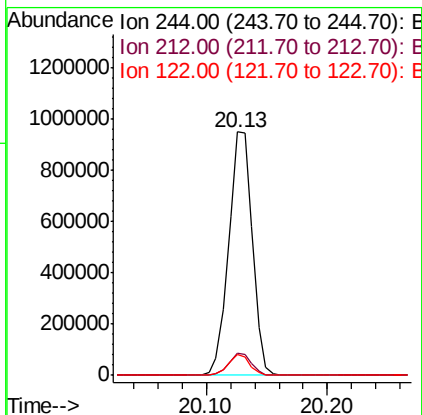
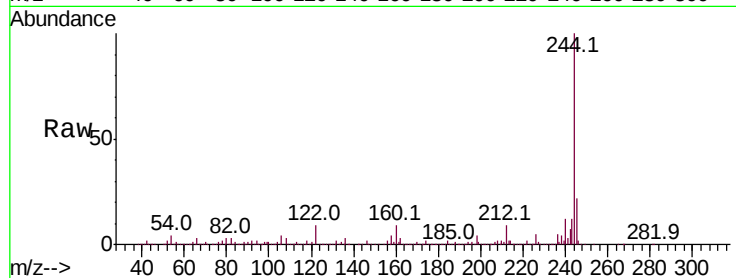


#79
 Terphenyl-d14
 Concen: 77.403 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. -0.01 min
 Lab File: BG040606.D
 Acq: 25 Apr 2019 12:20

Instrument :
 BNA_G
 ClientSampleId :
 PB119170BS

Tot Ion:244 Resp: 1289606

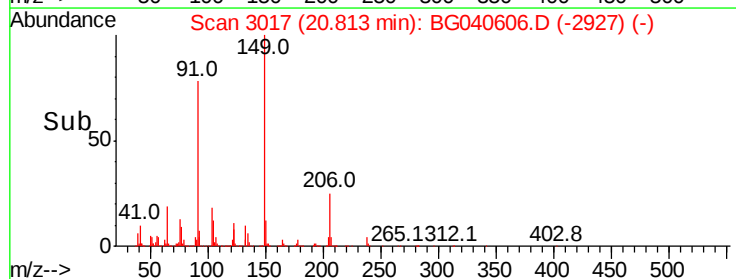
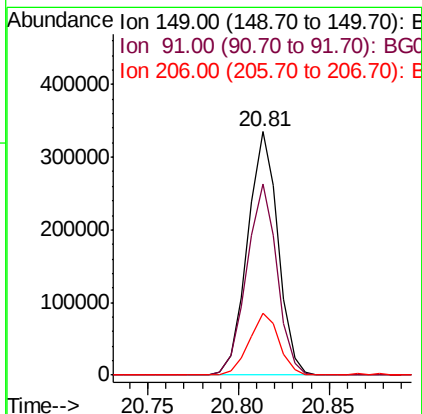
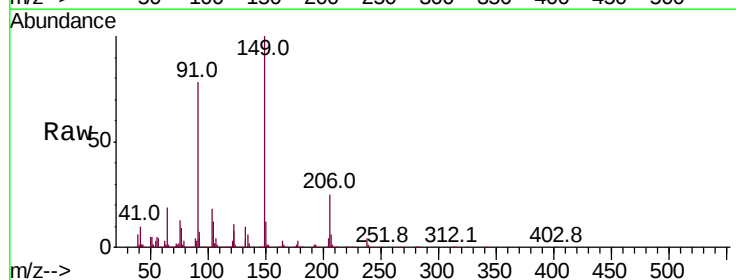
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.2	10.8
122	8.7	6.6	10.0

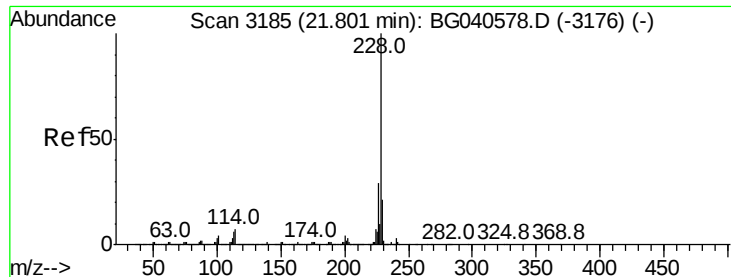


#80
 Butylbenzylphthalate
 Concen: 43.292 ng
 RT: 20.81 min Scan# 3017
 Delta R.T. -0.00 min
 Lab File: BG040606.D
 Acq: 25 Apr 2019 12:20

Tgt Ion:149 Resp: 390352

Ion	Ratio	Lower	Upper
149	100		
91	78.5	62.6	93.8
206	25.2	19.4	29.2





#81

Benzo(a)anthracene

Concen: 40.143 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB119170BS

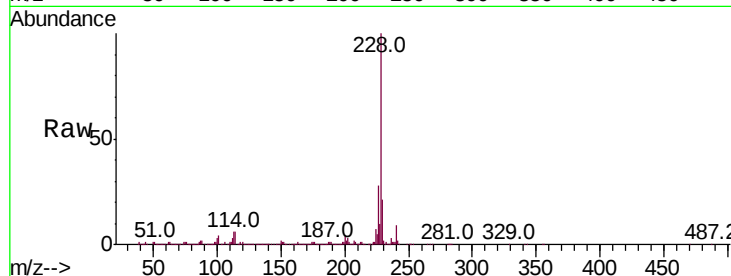
Tot Ion:228 Resp: 936458

Ion Ratio Lower Upper

228 100

226 28.4 23.1 34.7

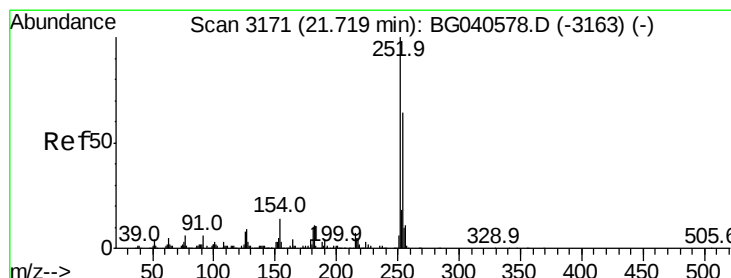
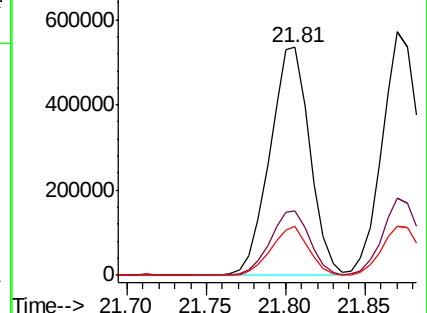
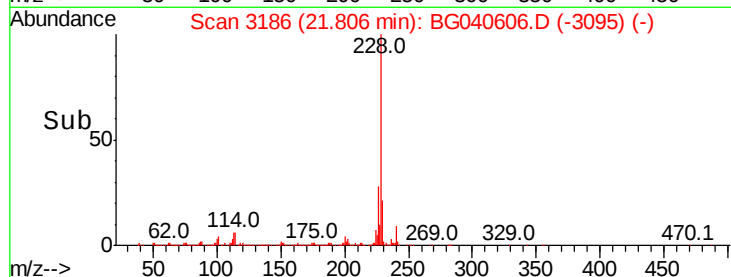
229 21.3 17.0 25.4



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: 24.421 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

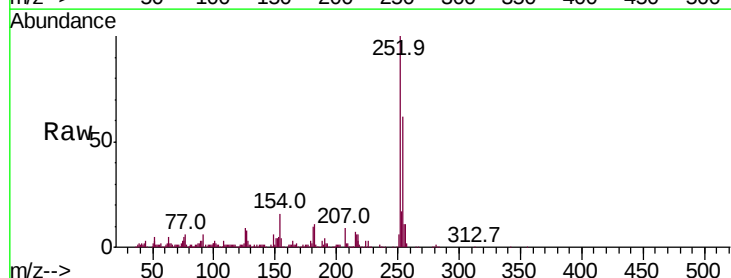
Tgt Ion:252 Resp: 203053

Ion Ratio Lower Upper

252 100

254 61.7 51.2 76.8

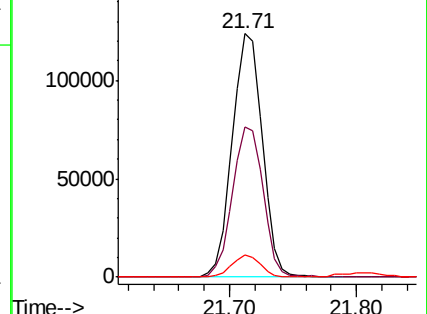
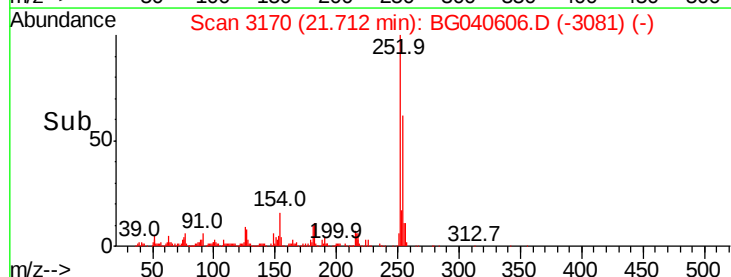
126 9.2 6.6 10.0

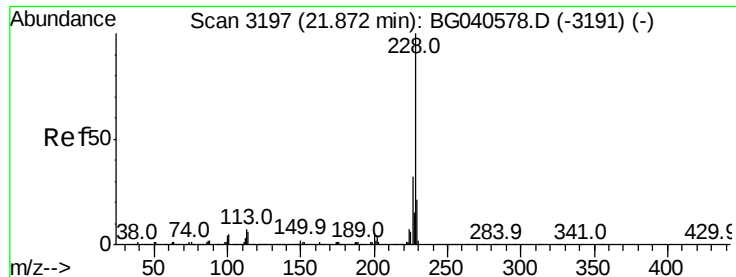


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.631 ng

RT: 21.87 min Scan# 3197

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

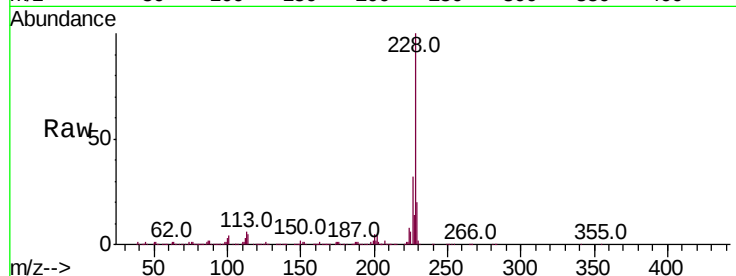
BNA_G

ClientSampleId :

PB119170BS

Tot Ion:228 Resp: 923613

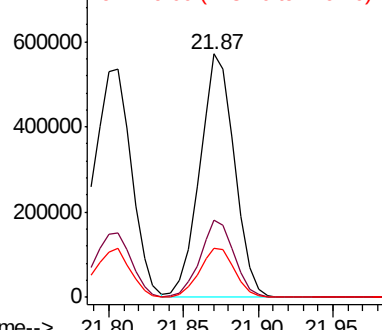
Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.5	38.3
229	20.3	16.8	25.2



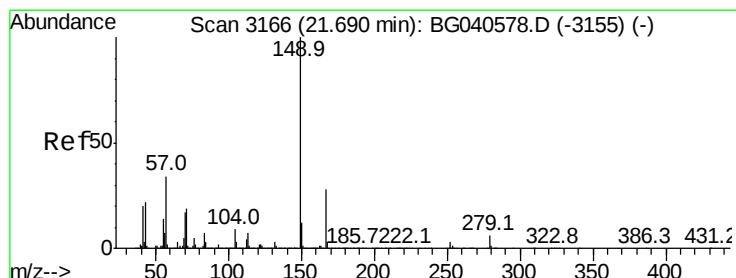
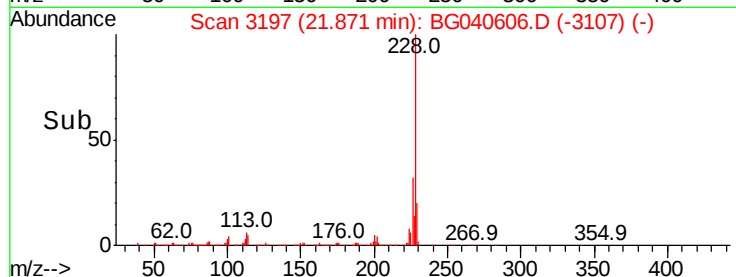
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.588 ng

RT: 21.69 min Scan# 3166

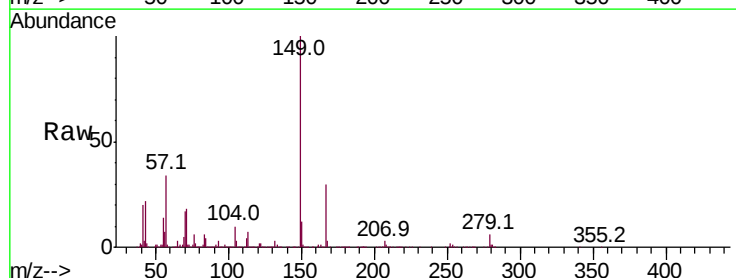
Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Tgt Ion:149 Resp: 541296

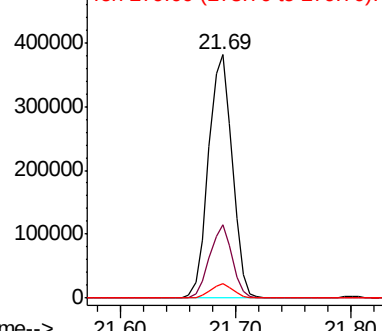
Ion	Ratio	Lower	Upper
149	100		
167	30.1	22.4	33.6
279	5.8	4.6	6.8



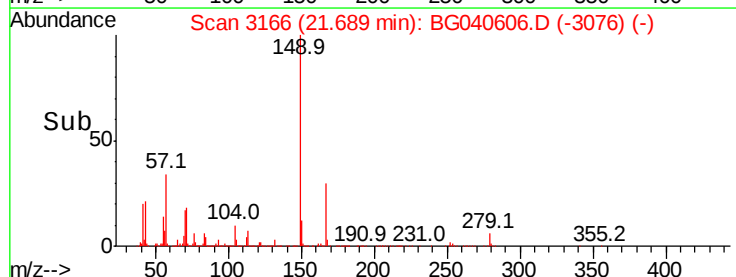
Abundance Ion 149.00 (148.70 to 149.70): E

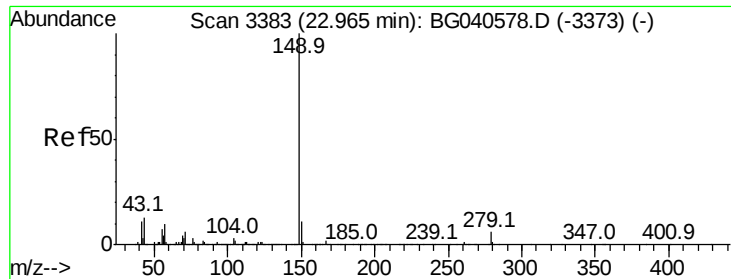
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#85

Di-n-octyl phthalate

Concen: 42.134 ng

RT: 22.96 min Scan# 3382

Delta R.T. -0.01 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB119170BS

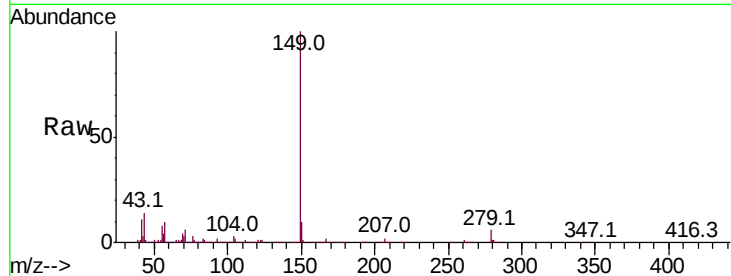
Tot Ion:149 Resp: 923580

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.2

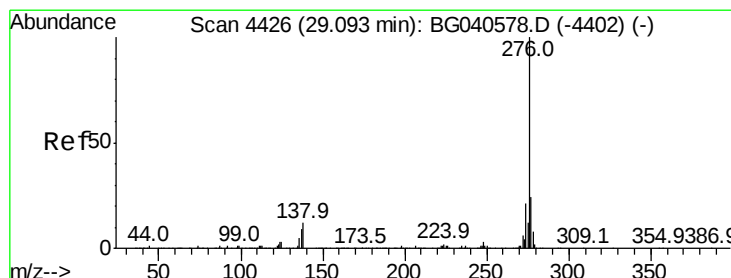
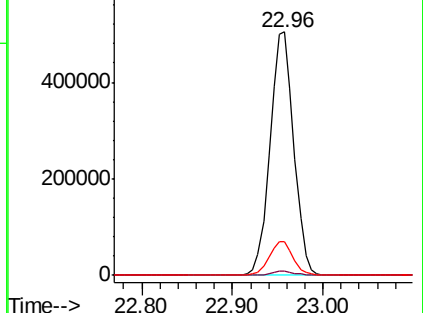
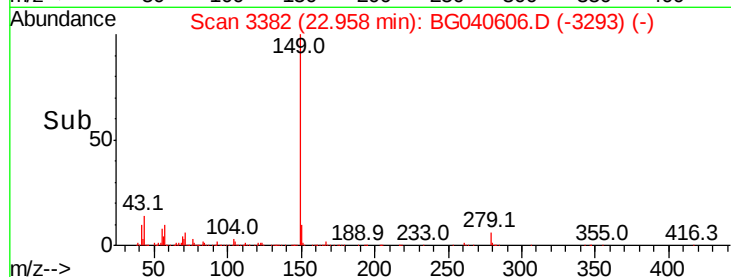
43 13.8 10.2 15.2



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: 40.653 ng

RT: 29.09 min Scan# 4426

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

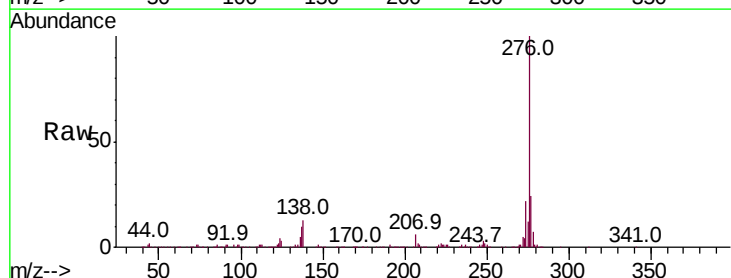
Tgt Ion:276 Resp: 1090447

Ion Ratio Lower Upper

276 100

138 9.0 9.8 14.6#

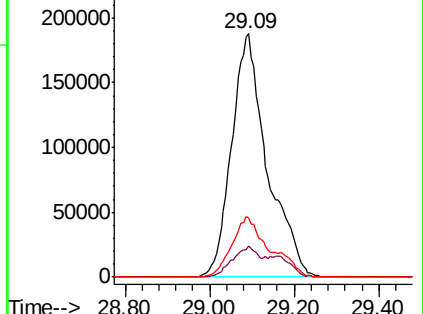
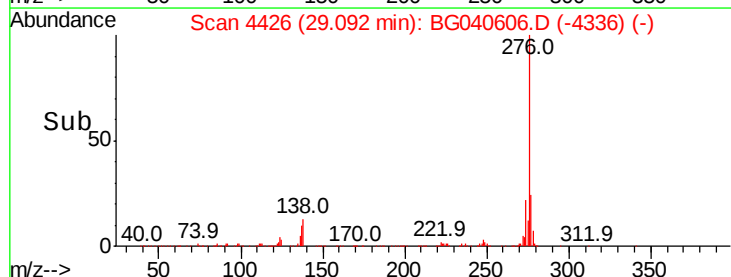
277 26.3 17.3 25.9#

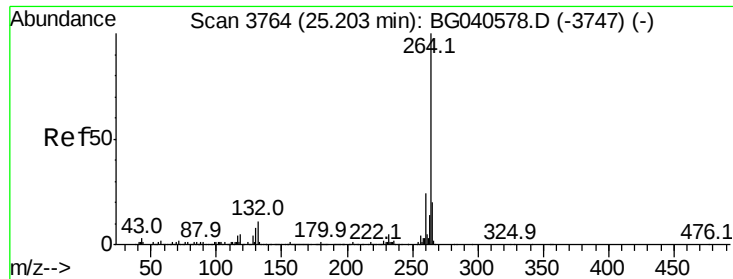


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.20 min Scan# 3763

Delta R.T. -0.01 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB119170BS

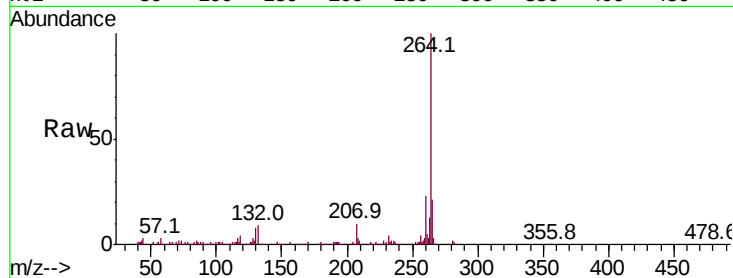
Tot Ion:264 Resp: 349363

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

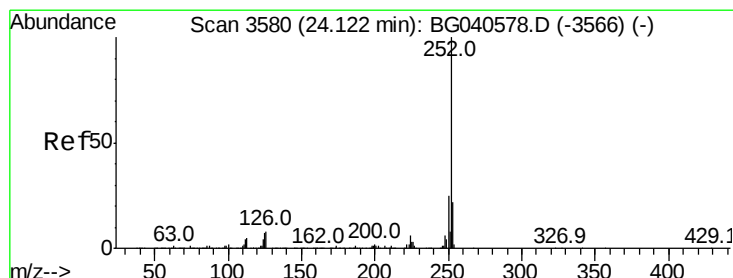
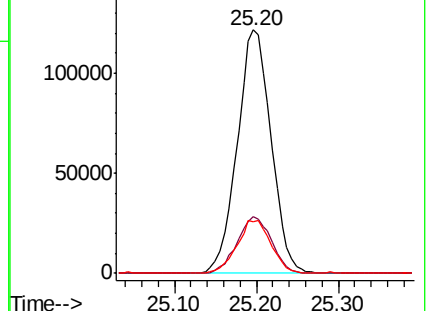
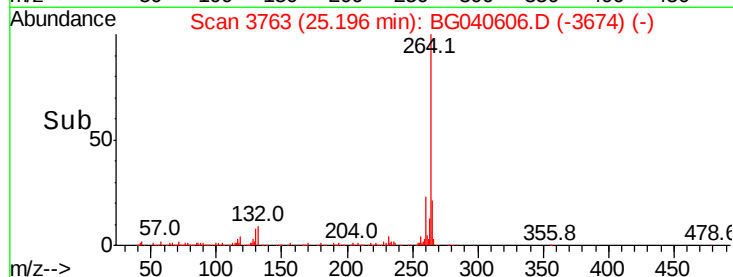
265 21.0 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.734 ng

RT: 24.12 min Scan# 3580

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

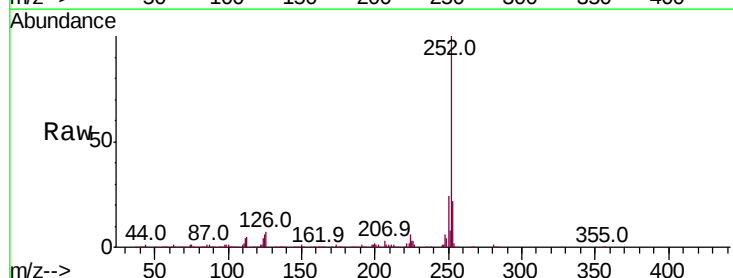
Tgt Ion:252 Resp: 955037

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

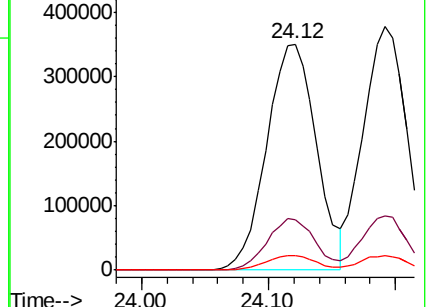
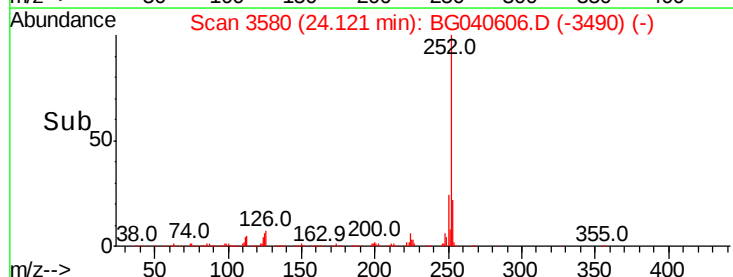
125 6.3 5.4 8.0

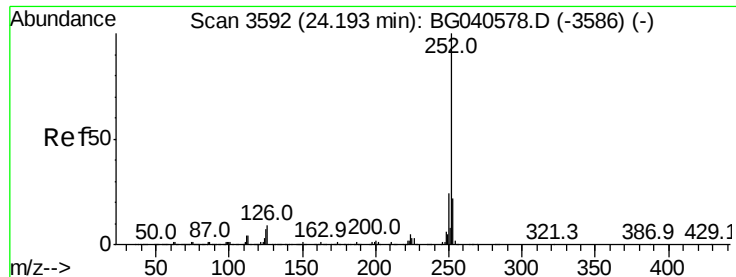


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.437 ng

RT: 24.19 min Scan# 3592

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

BNA_G

ClientSampleId :

PB119170BS

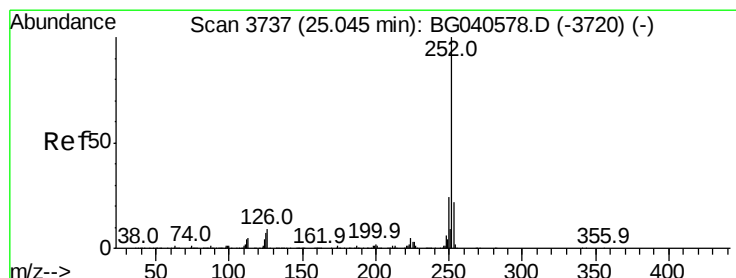
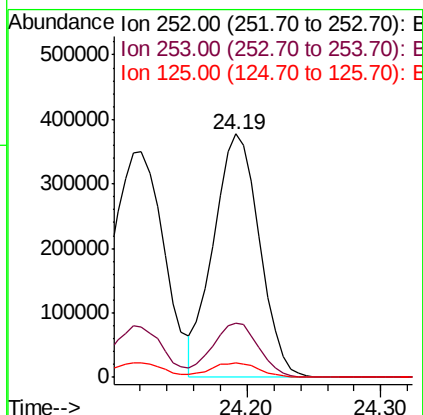
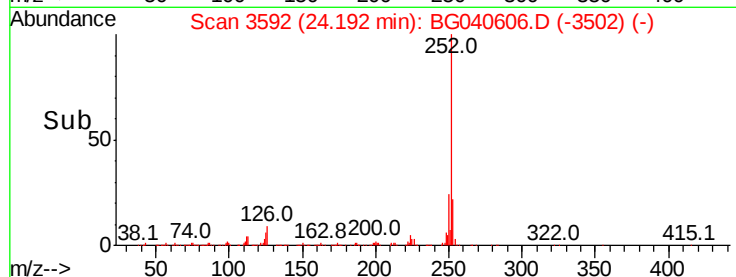
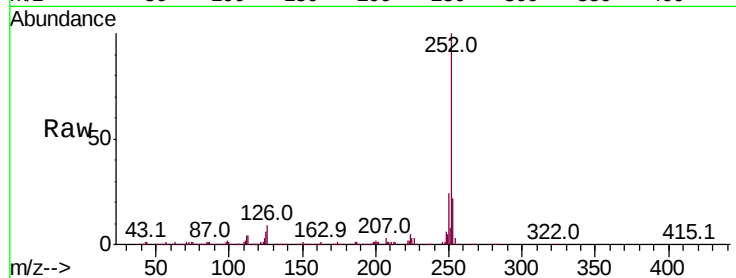
Tot Ion:252 Resp: 905918

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 5.8 5.5 8.3



#90

Benzo(a)pyrene

Concen: 45.242 ng

RT: 25.05 min Scan# 3738

Delta R.T. 0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

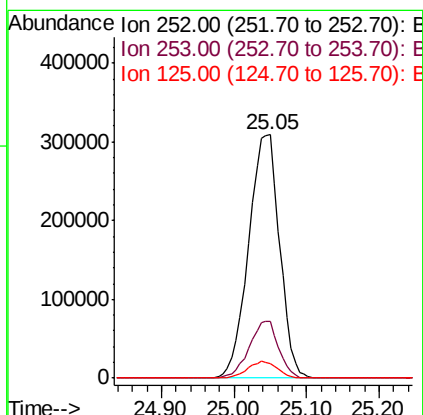
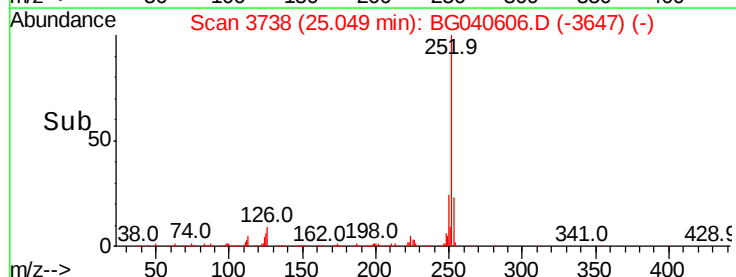
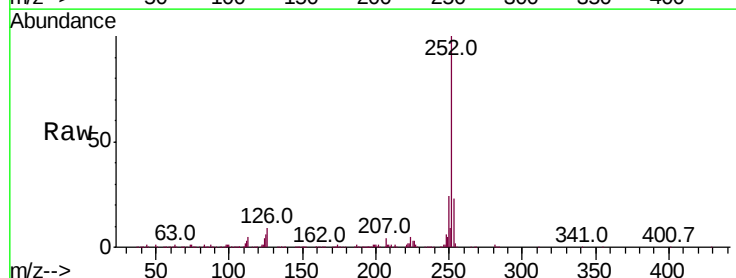
Tgt Ion:252 Resp: 914285

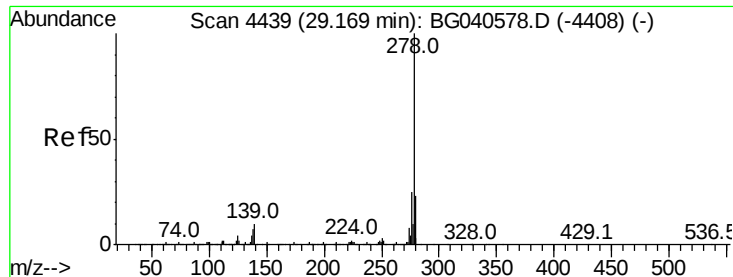
Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.6

125 6.0 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 44.191 ng

RT: 29.17 min Scan# 4439

Delta R.T. -0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Instrument :

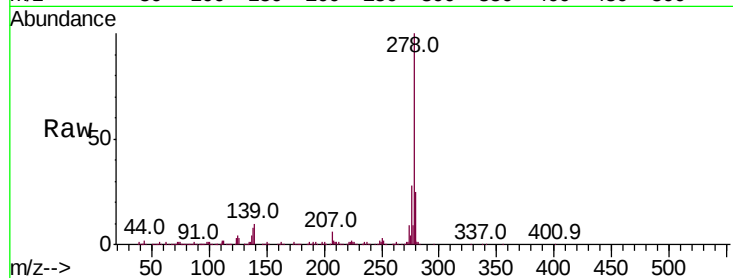
BNA_G

ClientSampleId :

PB119170BS

Tot Ion:278 Resp: 903719

Ion	Ratio	Lower	Upper
278	100		
139	9.6	8.2	12.4
279	24.5	18.5	27.7

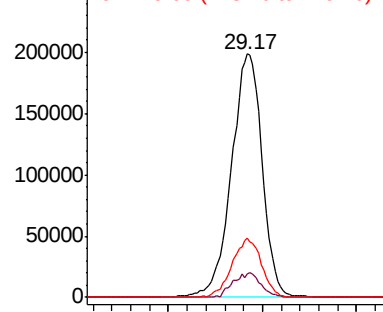


Abundance

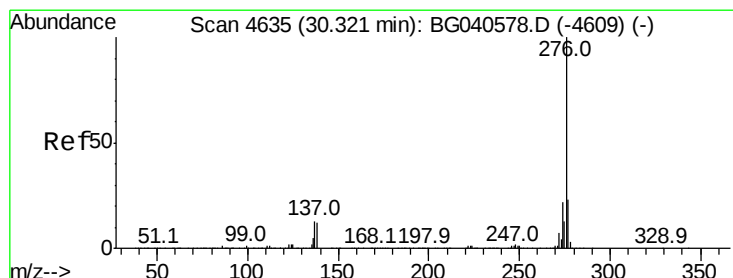
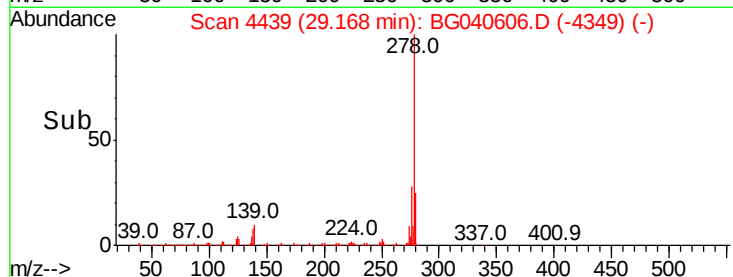
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 44.185 ng

RT: 30.33 min Scan# 4636

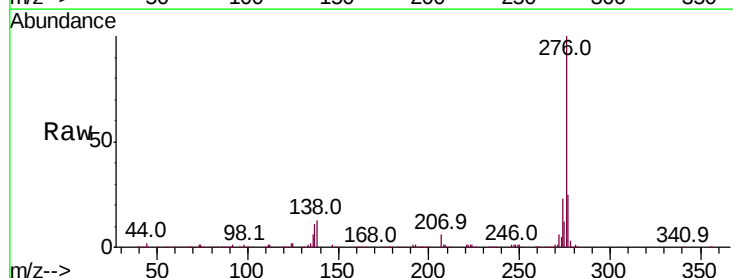
Delta R.T. 0.00 min

Lab File: BG040606.D

Acq: 25 Apr 2019 12:20

Tgt Ion:276 Resp: 899303

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.4	27.6
138	12.8	9.8	14.6

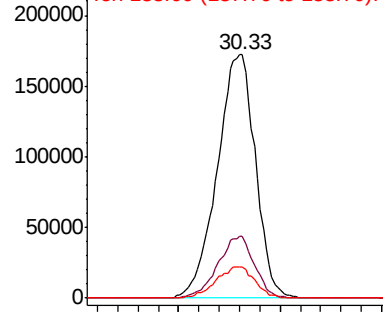


Abundance

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



Time-->

