

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112219\
 Data File : BG043746.D
 Acq On : 22 Nov 2019 17:45
 Operator : JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 23 00:00:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 23:55:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	41436	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	207768	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	165106	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	450512	20.00	ng	0.00
76) Chrysene-d12	21.67	240	560385	20.00	ng	0.00
87) Perylene-d12	24.85	264	484996	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	234517	103.71	ng	0.00
7) Phenol-d6	7.18	99	383527	117.89	ng	0.00
23) Nitrobenzene-d5	9.18	82	379143	94.08	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	211991	67.47	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	997431	83.48	ng	0.00
79) Terphenyl-d14	20.02	244	2260913	75.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	45434	51.560	ng	95
3) Pyridine	3.91	79	169034	76.044	ng	98
4) n-Nitrosodimethylamine	3.82	42	75340	67.168	ng	99
6) Aniline	7.35	93	249944	66.691	ng	97
8) 2-Chlorophenol	7.60	128	141292	56.604	ng	97
9) Benzaldehyde	7.17	77	101886	63.724	ng	94
10) Phenol	7.21	94	198695	66.835	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	152676	66.424	ng	95
12) 1,3-Dichlorobenzene	7.92	146	154196	49.304	ng	97
13) 1,4-Dichlorobenzene	8.07	146	156557	49.477	ng	99
14) 1,2-Dichlorobenzene	8.39	146	152280	49.289	ng	97
15) Benzyl Alcohol	8.26	79	165029	72.227	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	267210	79.951	ng	99
17) 2-Methylphenol	8.46	107	139480	64.358	ng	98
18) Hexachloroethane	9.12	117	57749	50.585	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	154907	73.685	ng	96
20) 3+4-Methylphenols	8.79	107	203244	68.389	ng	97
22) Acetophenone	8.85	105	268639	50.489	ng	98
24) Nitrobenzene	9.22	77	189247	49.295	ng	100
25) Isophorone	9.75	82	429554	58.299	ng	99
26) 2-Nitrophenol	9.94	139	70320	37.940	ng	96
27) 2,4-Dimethylphenol	10.00	122	140925	53.049	ng	96
28) bis(2-Chloroethoxy)methane	10.24	93	250050	61.489	ng	100
29) 2,4-Dichlorophenol	10.47	162	179492	52.735	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	189999	44.290	ng	98
31) Naphthalene	10.89	128	519531	49.262	ng	99
32) Benzoic acid	10.12	122	98926	53.082	ng	98
33) 4-Chloroaniline	10.98	127	269703	62.388	ng	98
34) Hexachlorobutadiene	11.19	225	120606	38.032	ng	98
35) Caprolactam	11.74	113	82865	70.689	ng	98
36) 4-Chloro-3-methylphenol	12.10	107	209972	56.555	ng	97
37) 2-Methylnaphthalene	12.49	142	414412	51.213	ng	99
38) 1-Methylnaphthalene	12.71	142	397017	51.566	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	248955	40.743	ng	98

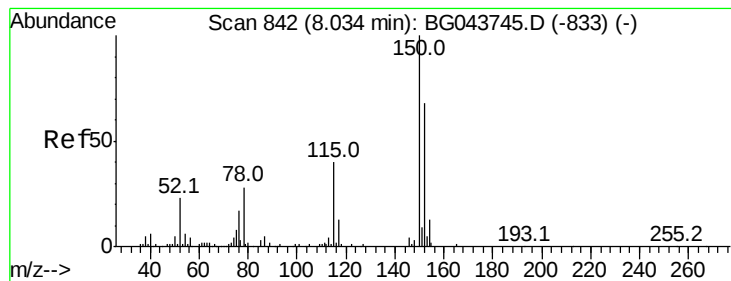
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112219\
 Data File : BG043746.D
 Acq On : 22 Nov 2019 17:45
 Operator : JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 23 00:00:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 23:55:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	125921	39.230	nq	98
43) 2,4,6-Trichlorophenol	13.08	196	171274	47.597	nq	98
44) 2,4,5-Trichlorophenol	13.15	196	178680	49.116	nq	97
46) 1,1'-Biphenyl	13.49	154	562926	44.818	nq	100
47) 2-Chloronaphthalene	13.54	162	460921	48.230	nq	98
48) 2-Nitroaniline	13.72	65	143891	50.376	nq	100
49) Acenaphthylene	14.38	152	752370	50.584	nq	98
50) Dimethylphthalate	14.11	163	673125	52.635	nq	100
51) 2,6-Dinitrotoluene	14.22	165	130056	46.811	nq	93
52) Acenaphthene	14.72	154	472419	52.083	nq	99
53) 3-Nitroaniline	14.55	138	157951	58.884	nq	94
54) 2,4-Dinitrophenol	14.75	184	52815	36.005	nq	# 82
55) Dibenzofuran	15.05	168	750873	51.047	nq	99
56) 4-Nitrophenol	14.85	139	131450	73.127	nq	98
57) 2,4-Dinitrotoluene	15.00	165	188782	47.546	nq	99
58) Fluorene	15.70	166	623216	50.516	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.27	232	185487	47.990	nq	# 89
60) Diethylphthalate	15.48	149	704587	54.833	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	336330	46.731	nq	99
62) 4-Nitroaniline	15.71	138	181203	65.411	nq	98
63) Azobenzene	15.99	77	631542	60.728	nq	100
65) 4,6-Dinitro-2-methylphenol	15.77	198	80355	30.308	nq	90
66) n-Nitrosodiphenylamine	15.91	169	584389	45.946	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	230920	38.088	nq	98
68) Hexachlorobenzene	16.71	284	252931	36.344	nq	97
69) Atrazine	16.86	200	235801	53.353	nq	96
70) Pentachlorophenol	17.05	266	163541	51.572	nq	99
71) Phenanthrene	17.44	178	1129999	48.982	nq	99
72) Anthracene	17.53	178	1134056	49.133	nq	99
73) Carbazole	17.79	167	1122845	53.719	nq	99
74) Di-n-butylphthalate	18.38	149	1408959	55.555	nq	99
75) Fluoranthene	19.45	202	1588259	52.809	nq	98
77) Benzidine	19.62	184	849752	75.346	nq	99
78) Pyrene	19.81	202	1638171	47.227	nq	98
80) Butylbenzylphthalate	20.71	149	842746	64.128	nq	98
81) Benzo(a)anthracene	21.65	228	1824411	51.974	nq	97
82) 3,3'-Dichlorobenzidine	21.56	252	643211	47.376	nq	98
83) Chrysene	21.71	228	1732066	49.663	nq	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	1095577	58.688	nq	96
85) Di-n-octyl phthalate	22.80	149	1541981	48.687	nq	100
86) Indeno(1,2,3-cd)pyrene	28.47	276	1674831	38.257	nq	# 96
88) Benzo(b)fluoranthene	23.85	252	1482438	53.968	nq	97
89) Benzo(k)fluoranthene	23.92	252	1370124	49.547	nq	99
90) Benzo(a)pyrene	24.70	252	1363476	51.980	nq	99
91) Dibenzo(a,h)anthracene	28.54	278	1354070	50.468	nq	98
92) Benzo(g,h,i)perylene	29.60	276	1335846	50.476	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Instrument :

BNA_G

ClientSampled :

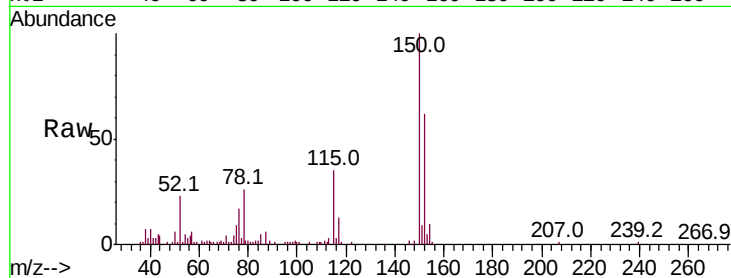
Tot Ion:152 Resp: 41436

Ion Ratio Lower Upper

152 100

150 162.1 117.8 176.8

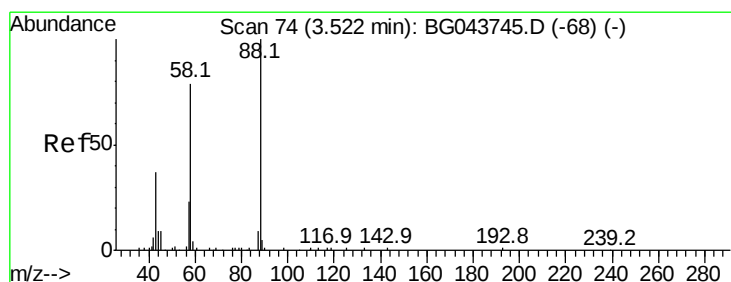
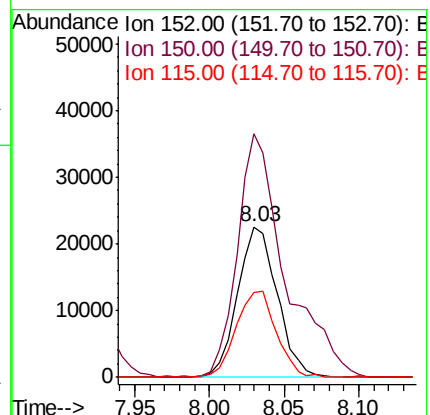
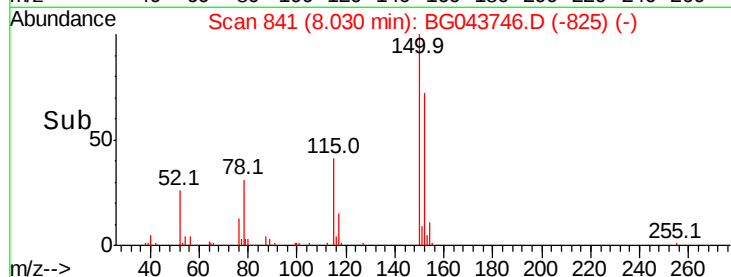
115 56.7 47.0 70.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 51.560 ng

RT: 3.52 min Scan# 74

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

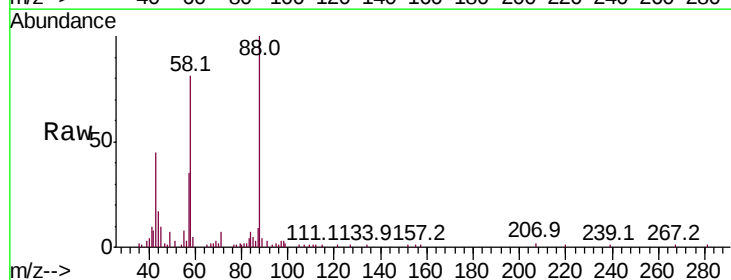
Tgt Ion: 88 Resp: 45434

Ion Ratio Lower Upper

88 100

58 79.0 62.3 93.5

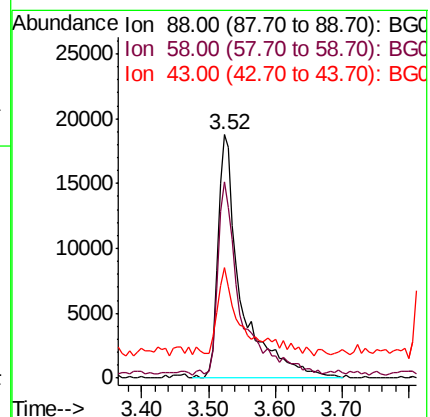
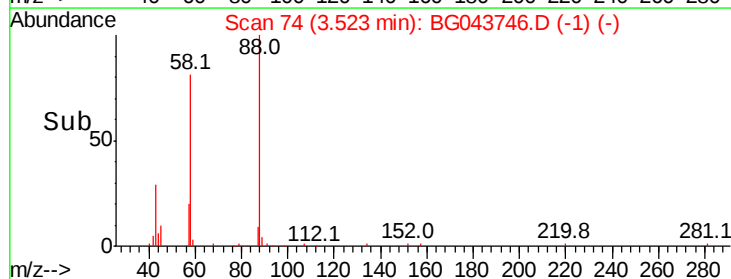
43 29.2 28.9 43.3

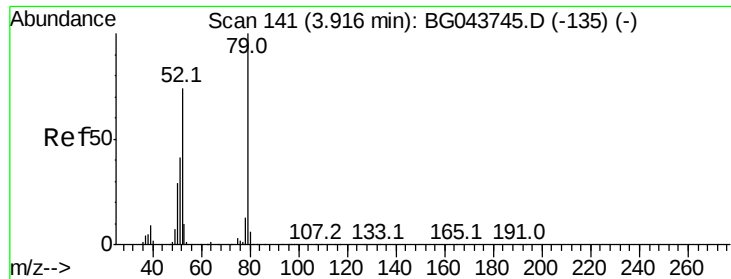


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 76.044 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Instrument :

BNA_G

ClientSampleId :

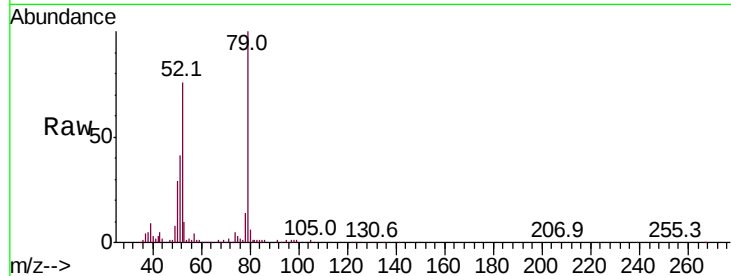
Tot Ion: 79 Resp: 169034

Ion Ratio Lower Upper

79 100

52 75.7 59.0 88.6

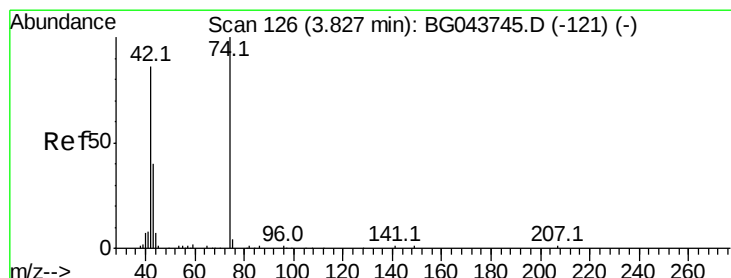
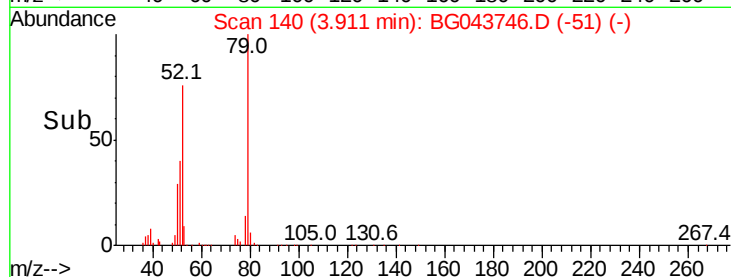
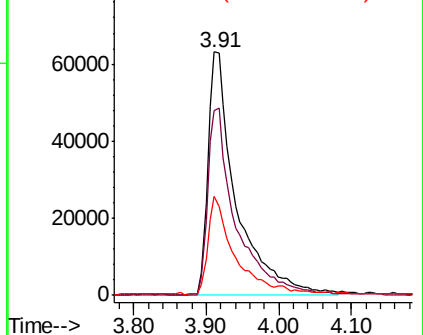
51 40.7 32.9 49.3



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 67.168 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

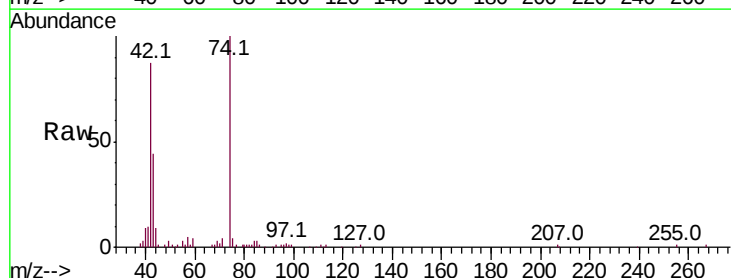
Tgt Ion: 42 Resp: 75340

Ion Ratio Lower Upper

42 100

74 114.5 91.9 137.9

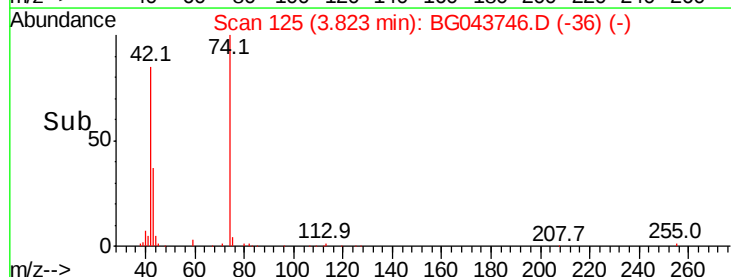
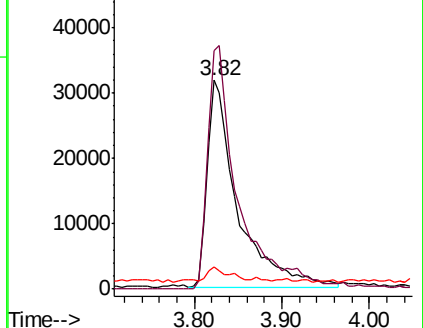
44 10.4 9.1 13.7

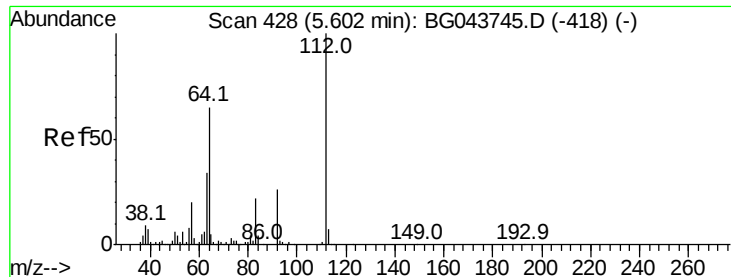


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 103.712 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Instrument :

BNA_G

ClientSampleId :

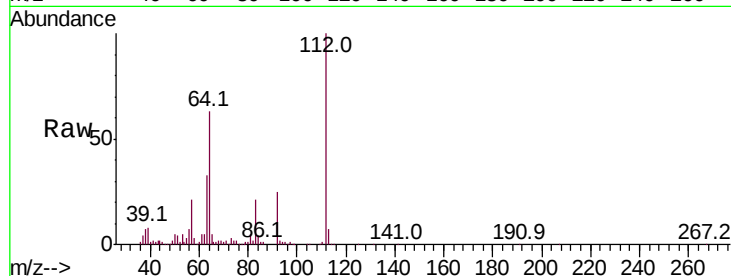
Tot Ion:112 Resp: 234517

Ion Ratio Lower Upper

112 100

64 63.1 51.7 77.5

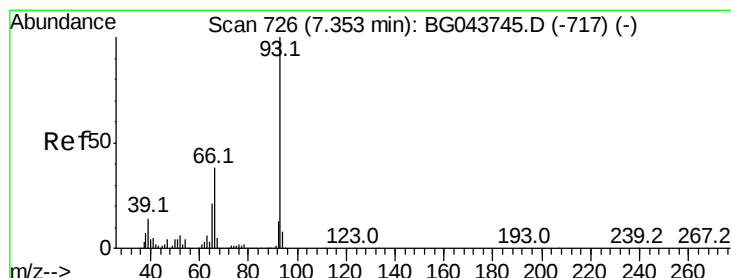
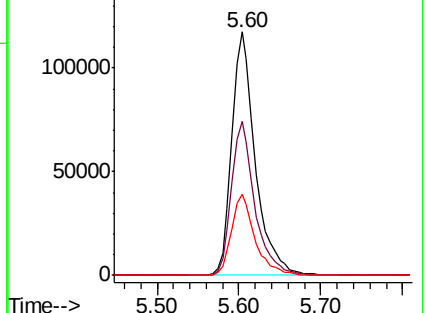
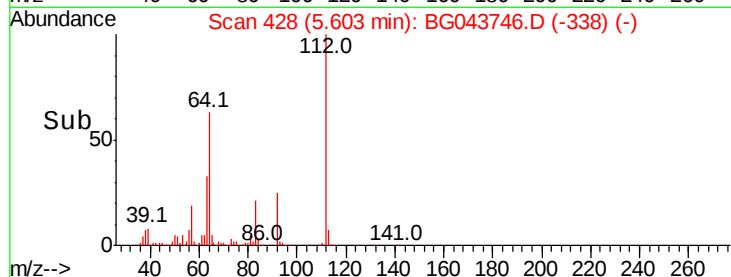
63 33.4 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 66.691 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

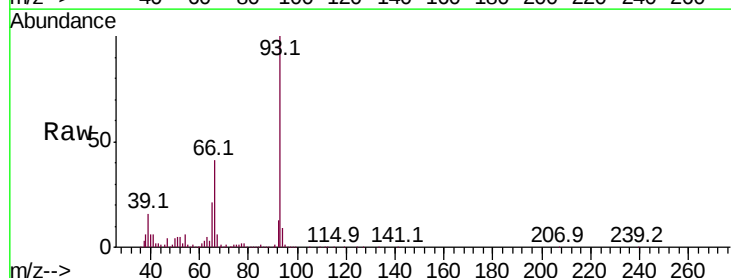
Tgt Ion: 93 Resp: 249944

Ion Ratio Lower Upper

93 100

66 41.4 30.6 46.0

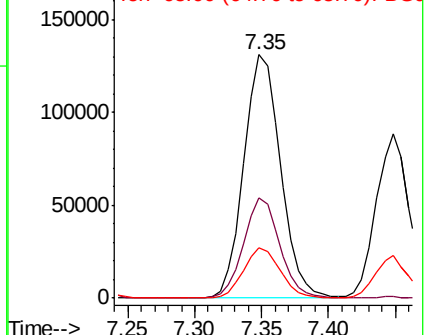
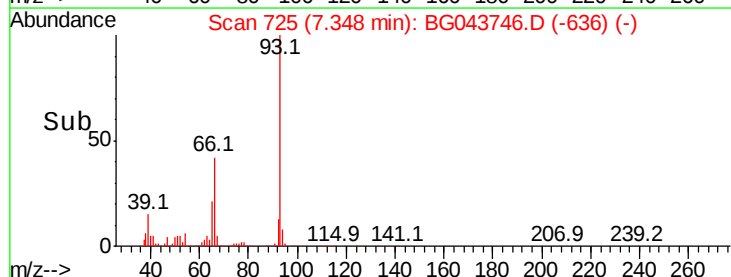
65 20.8 16.8 25.2

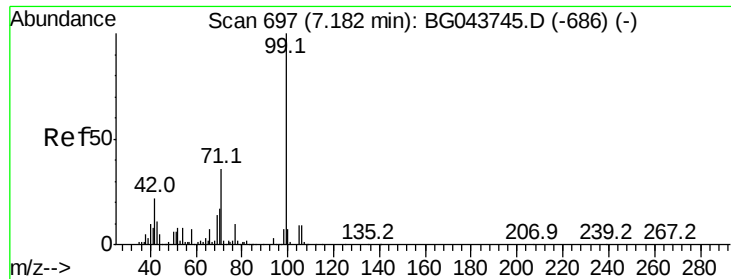


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.885 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Instrument :

BNA_G

ClientSampleId :

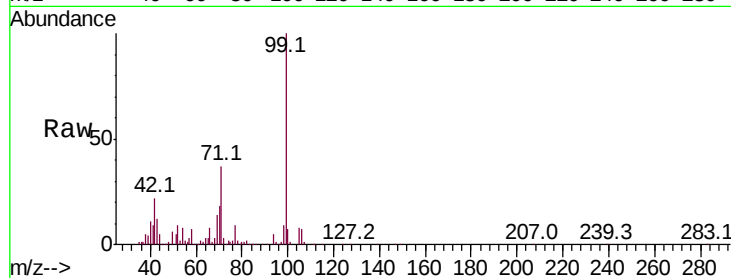
Tot Ion: 99 Resp: 383527

Ion Ratio Lower Upper

99 100

42 22.1 17.4 26.0

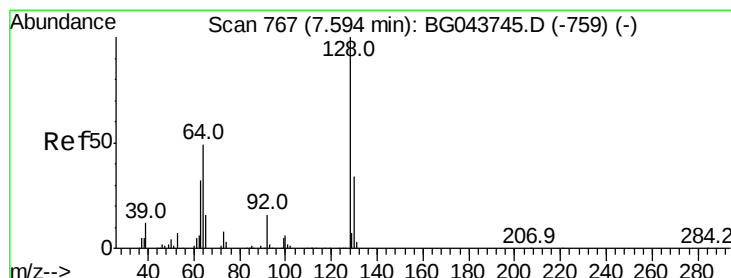
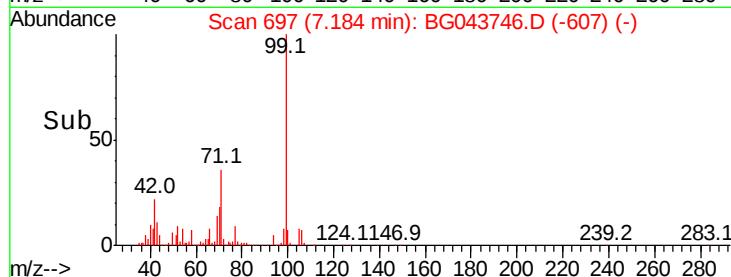
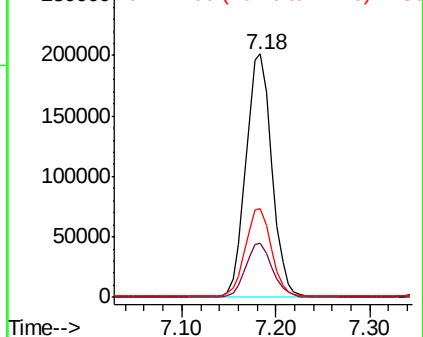
71 36.6 29.5 44.3



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: 56.604 ng

RT: 7.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

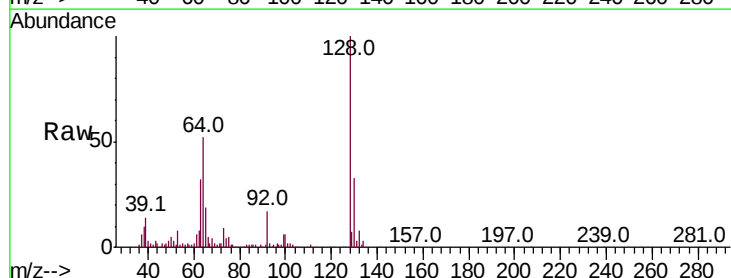
Tgt Ion: 128 Resp: 141292

Ion Ratio Lower Upper

128 100

130 32.8 14.3 54.3

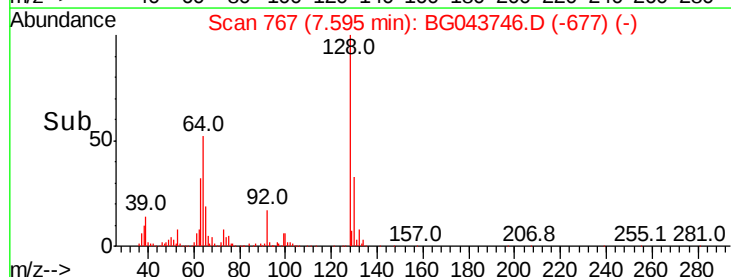
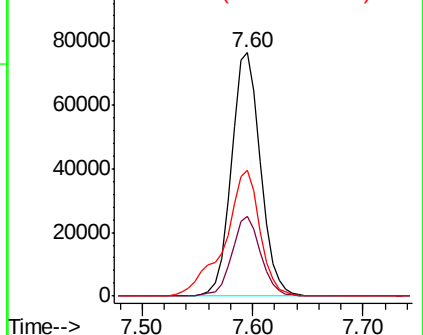
64 51.8 34.5 74.5

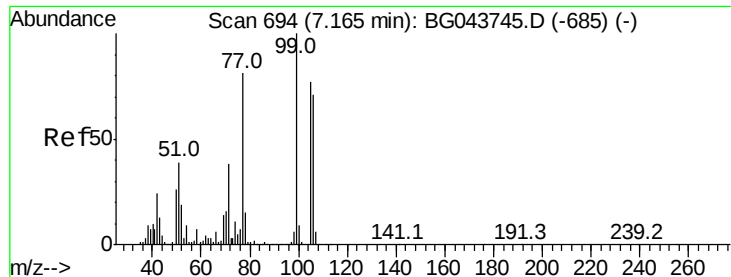


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 63.724 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Instrument :

BNA_G

ClientSampleId :

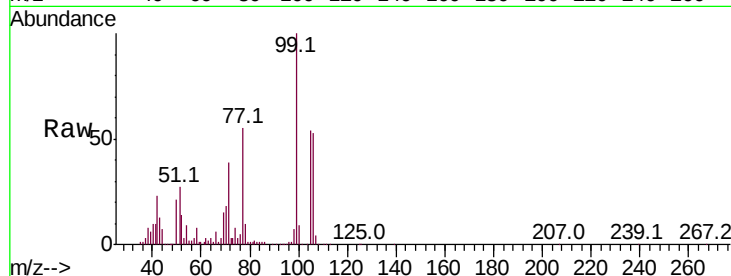
Tot Ion: 77 Resp: 101886

Ion Ratio Lower Upper

77 100

105 98.0 75.0 115.0

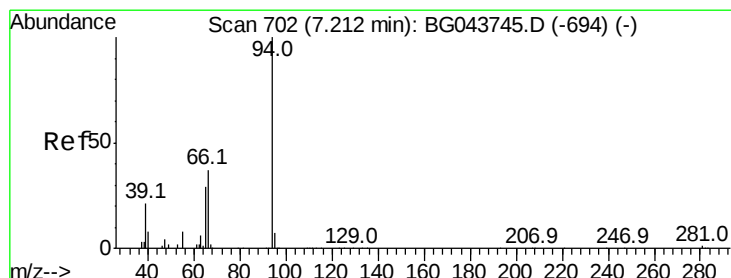
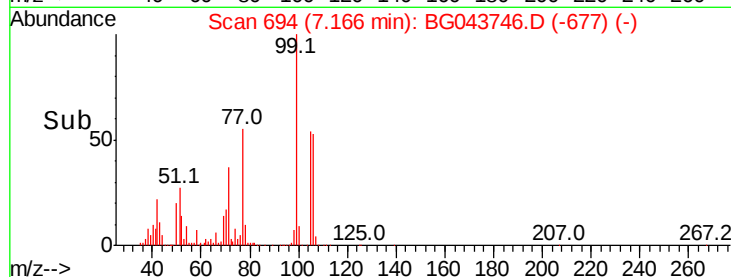
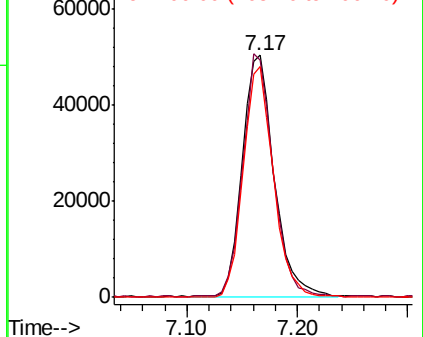
106 95.3 67.4 107.4



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: 66.835 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

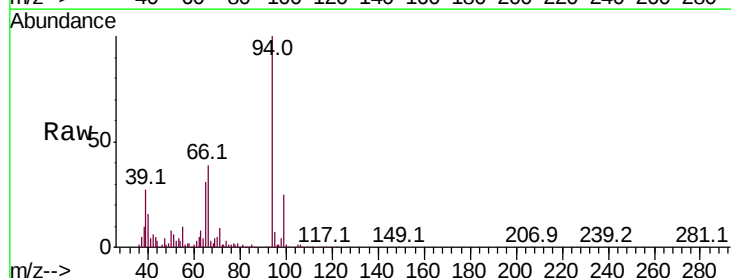
Tgt Ion: 94 Resp: 198695

Ion Ratio Lower Upper

94 100

65 30.6 10.3 50.3

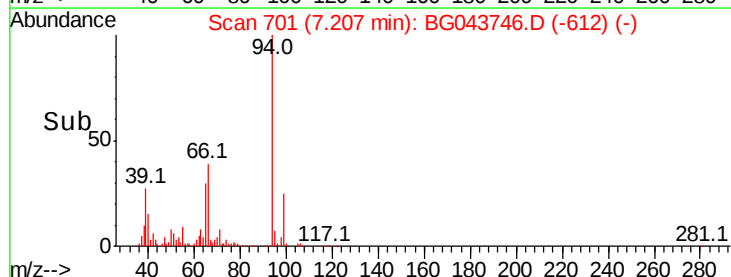
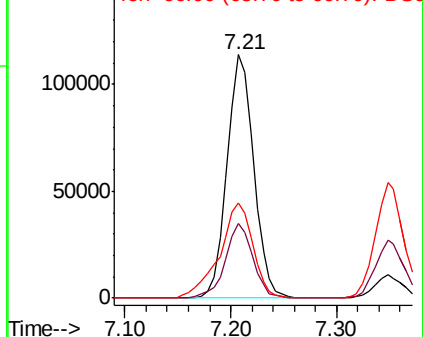
66 38.9 20.5 60.5

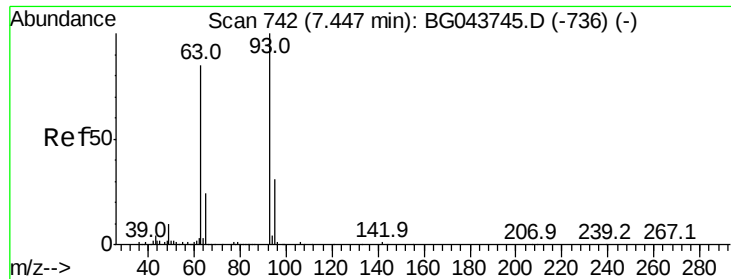


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

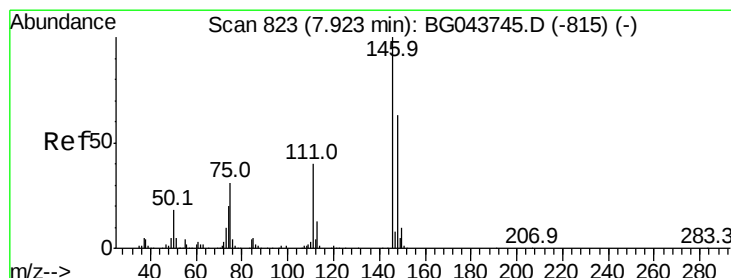
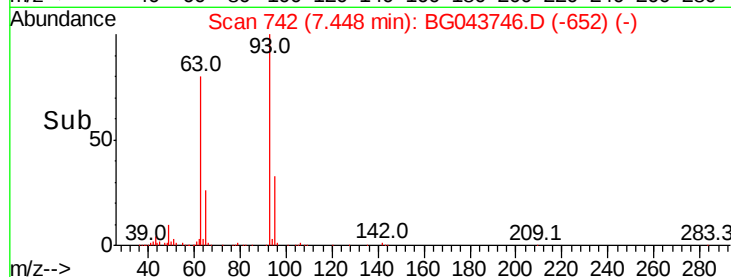
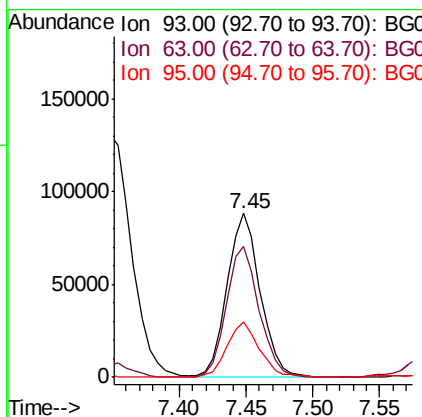
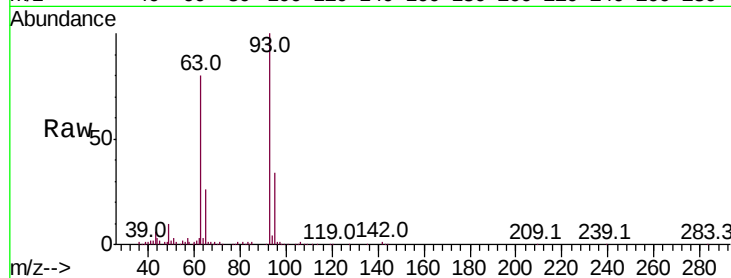




#11
bis(2-Chloroethyl)ether
Concen: 66.424 ng
RT: 7.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

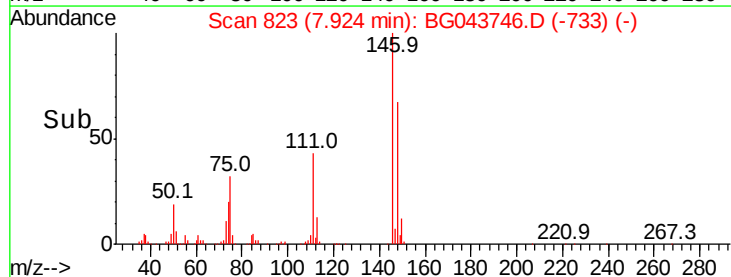
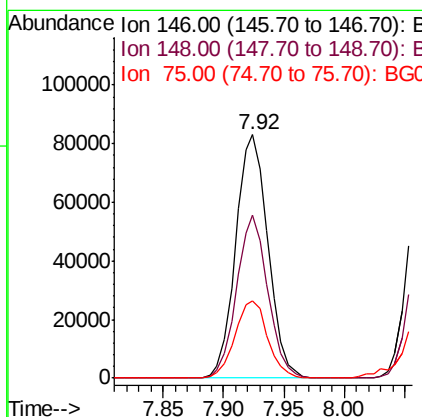
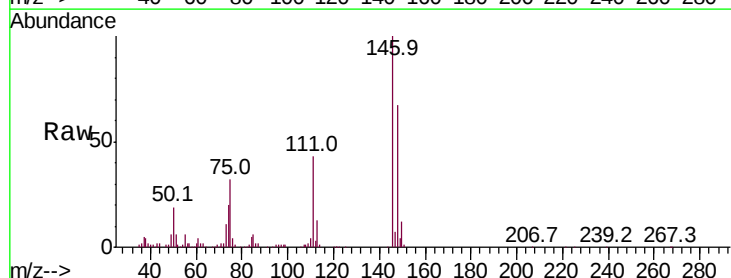
Instrument :
BNA_G
ClientSampleId :

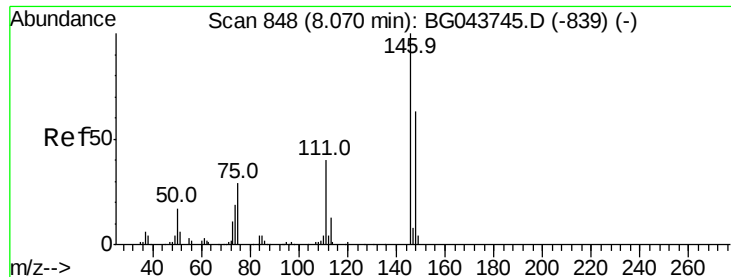
Tot Ion	Ratio	Lower	Upper
93	100		
63	80.1	64.4	104.4
95	33.6	11.3	51.3



#12
1,3-Dichlorobenzene
Concen: 49.304 ng
RT: 7.92 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	50.6	75.8
75	31.9	25.2	37.8





#13

1,4-Dichlorobenzene

Concen: 49.477 ng

RT: 8.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Instrument :

BNA_G

ClientSampleId :

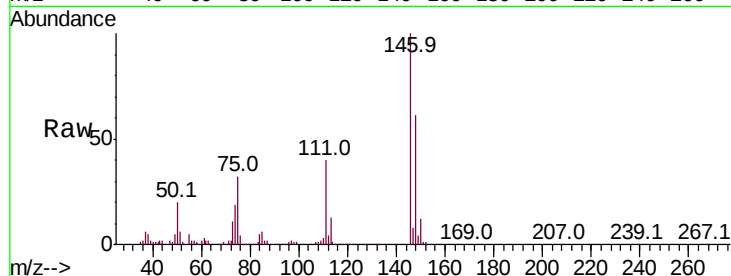
Tot Ion:146 Resp: 156557

Ion Ratio Lower Upper

146 100

148 61.3 50.1 75.1

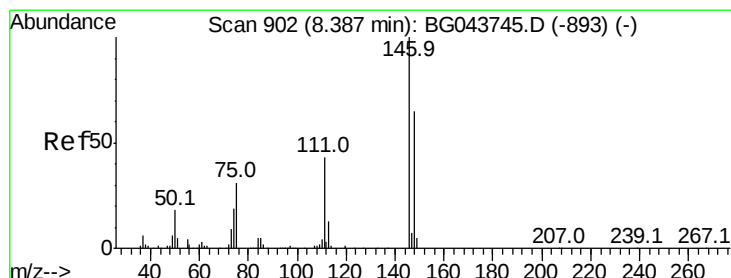
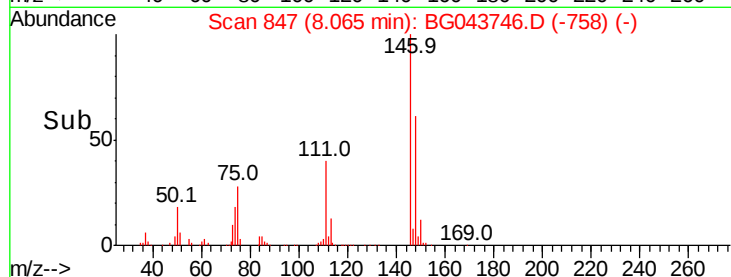
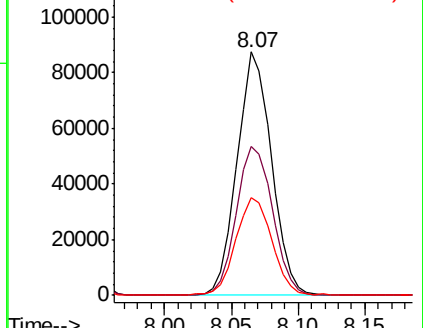
111 40.3 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 49.289 ng

RT: 8.39 min Scan# 902

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

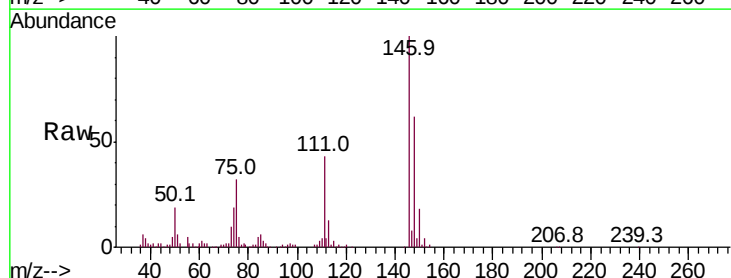
Tgt Ion:146 Resp: 152280

Ion Ratio Lower Upper

146 100

148 62.0 52.1 78.1

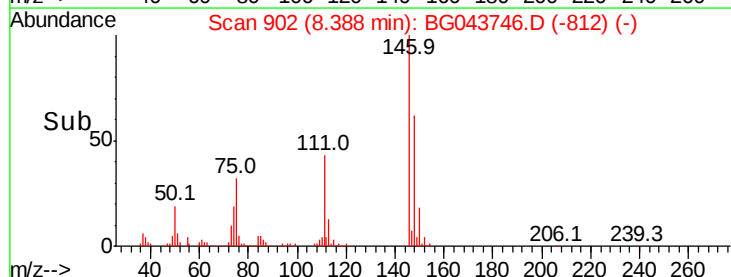
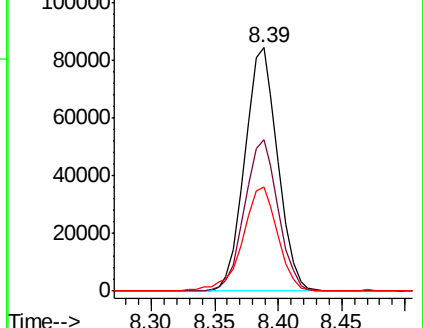
111 42.7 34.7 52.1

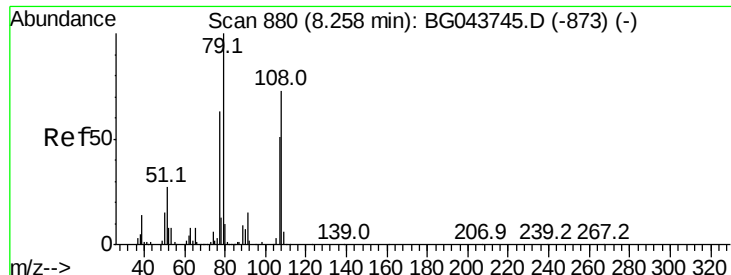


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 72.227 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Instrument :

BNA_G

ClientSampleId :

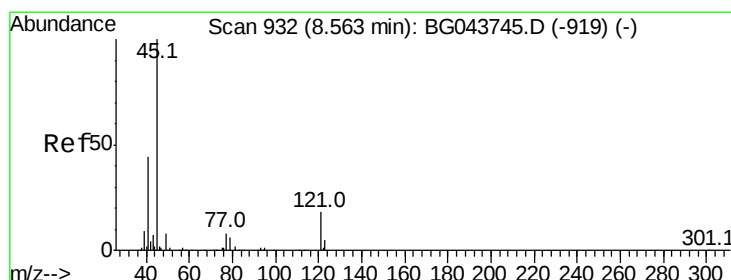
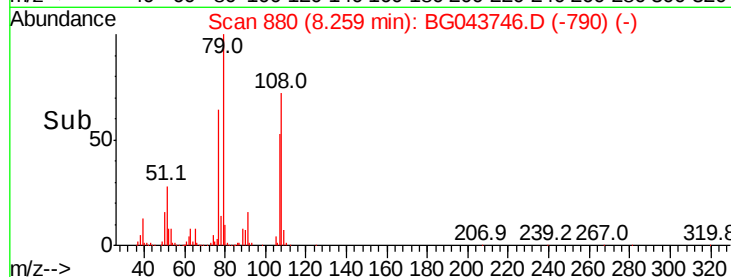
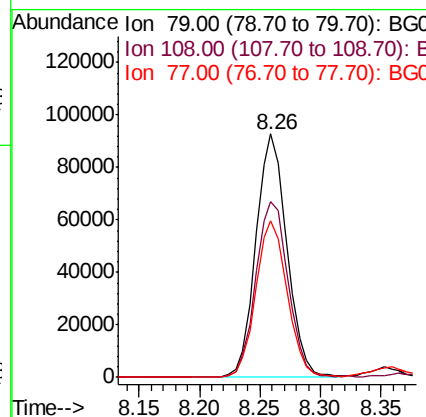
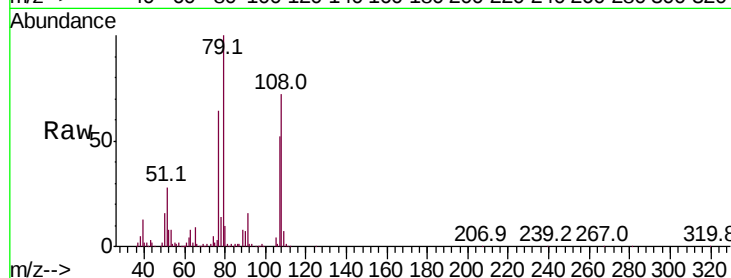
Tot Ion: 79 Resp: 165029

Ion Ratio Lower Upper

79 100

108 72.2 58.2 87.2

77 64.3 50.2 75.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 79.951 ng

RT: 8.56 min Scan# 932

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

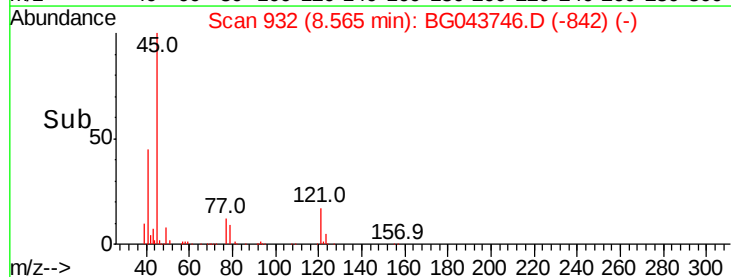
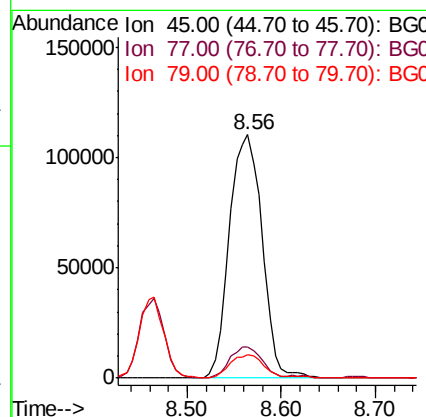
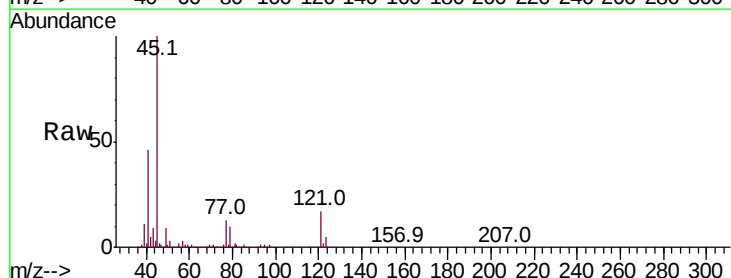
Tgt Ion: 45 Resp: 267210

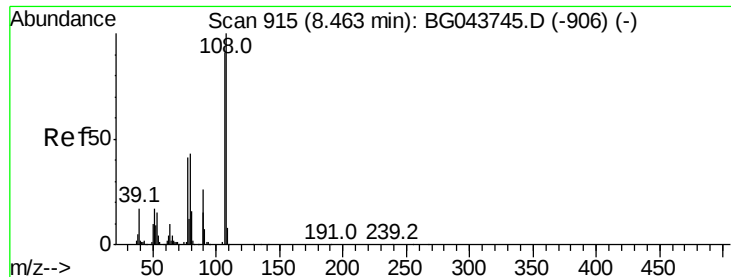
Ion Ratio Lower Upper

45 100

77 12.9 0.0 32.2

79 9.8 0.0 29.9





#17

2-Methylphenol

Concen: 64.358 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 139480

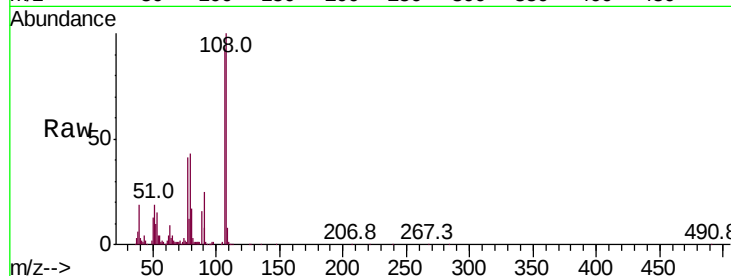
Ion Ratio Lower Upper

107 100

108 107.6 88.0 132.0

77 43.6 35.9 53.9

79 46.2 38.2 57.2

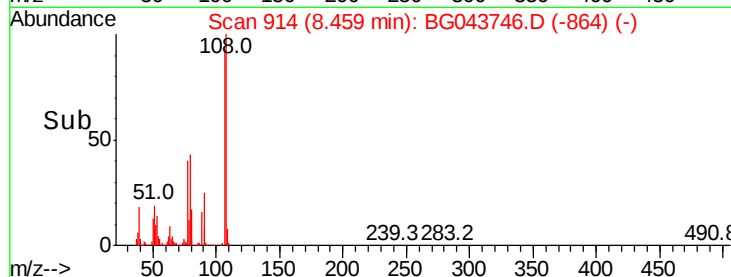


Abundance Ion 107.00 (106.70 to 107.70): E

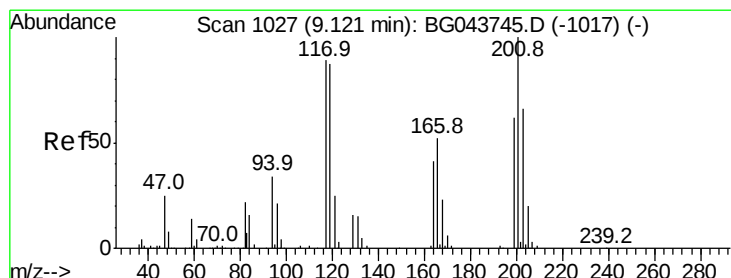
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 50.585 ng

RT: 9.12 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

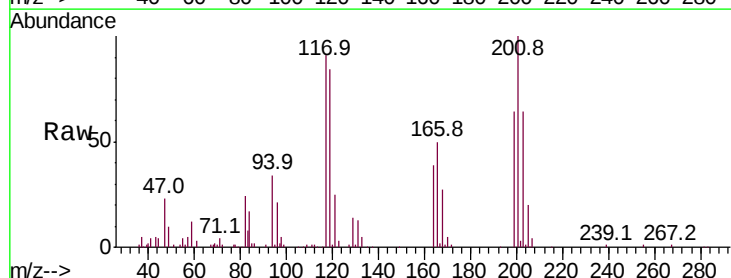
Tgt Ion:117 Resp: 57749

Ion Ratio Lower Upper

117 100

119 92.9 77.7 116.5

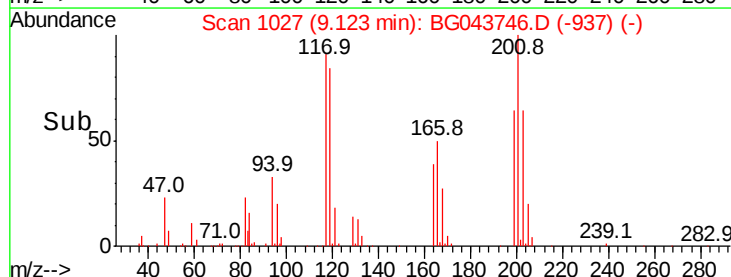
201 110.5 89.4 134.0



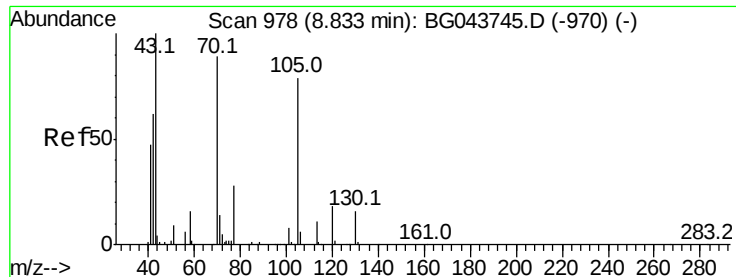
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



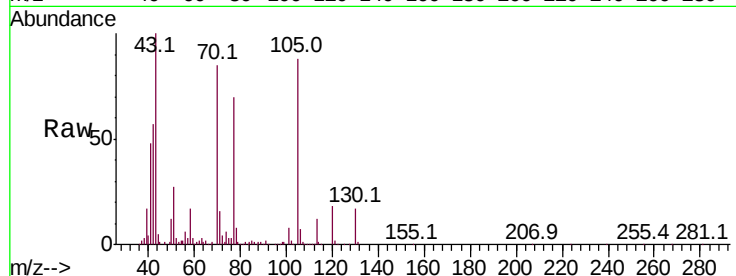
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 73.685 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.3	56.4	84.6
101	9.6	6.7	10.1
130	19.6	14.7	22.1



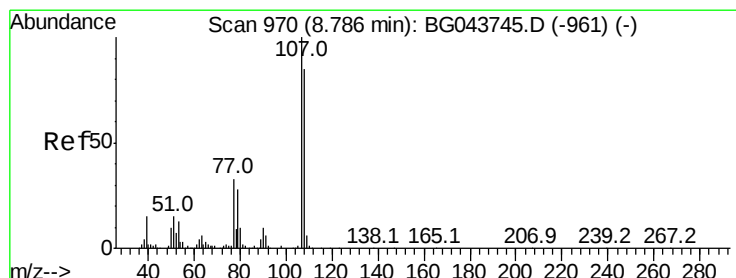
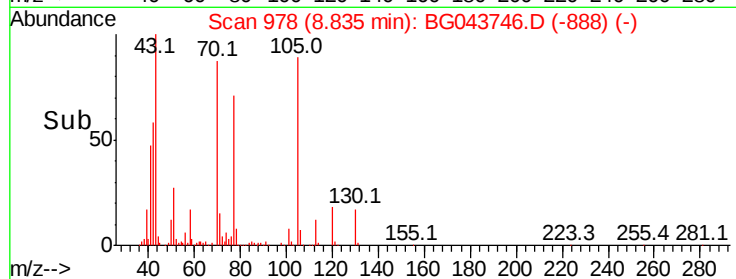
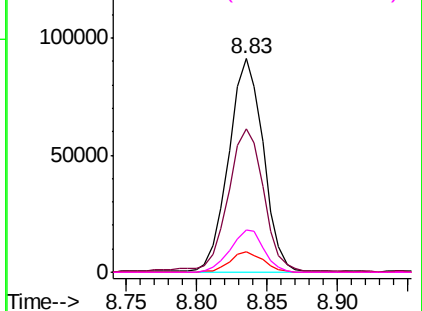
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

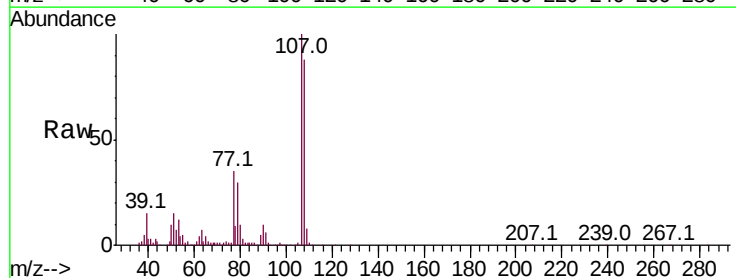
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 68.389 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	64.6	104.6
77	34.7	13.7	53.7
79	29.9	8.5	48.5



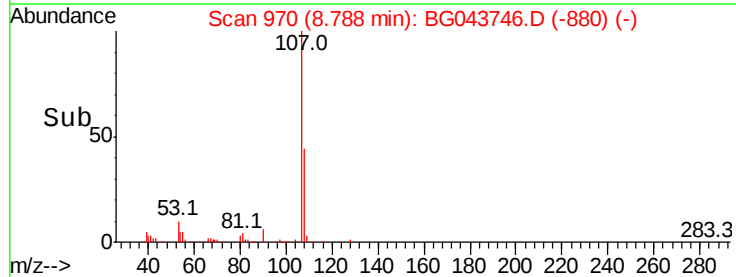
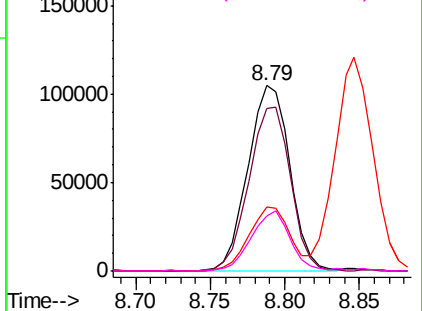
Abundance

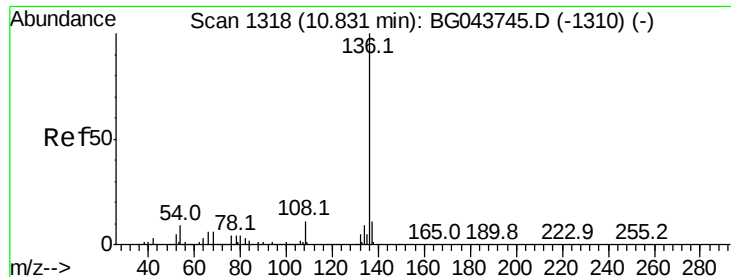
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

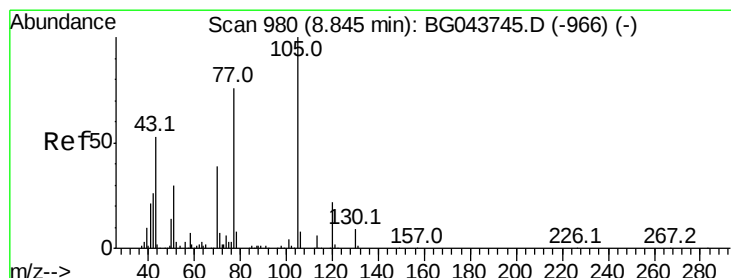
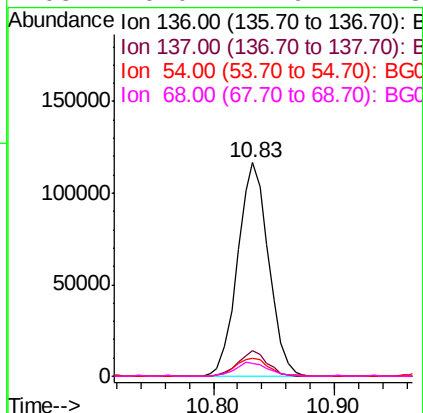
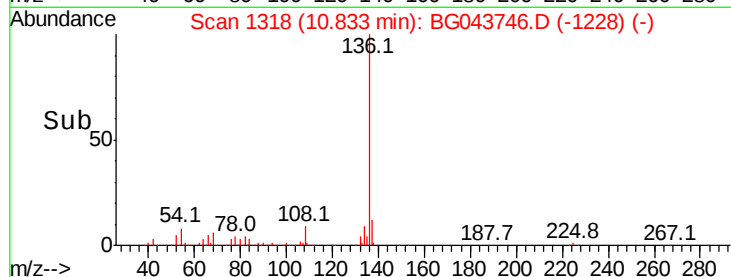
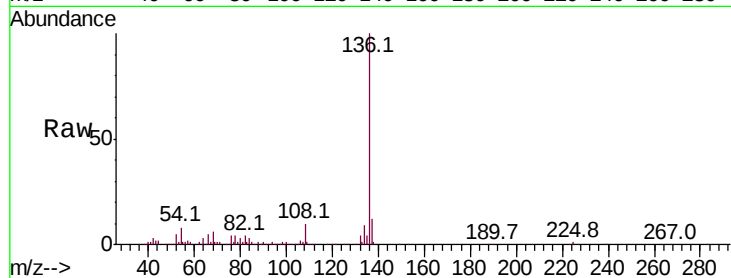




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

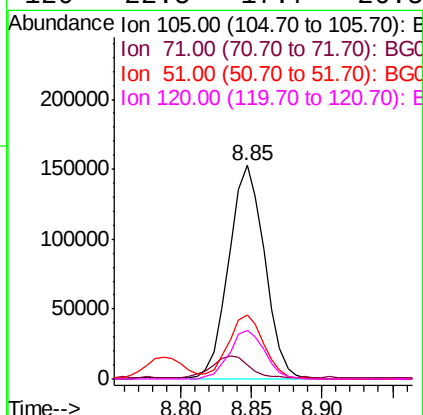
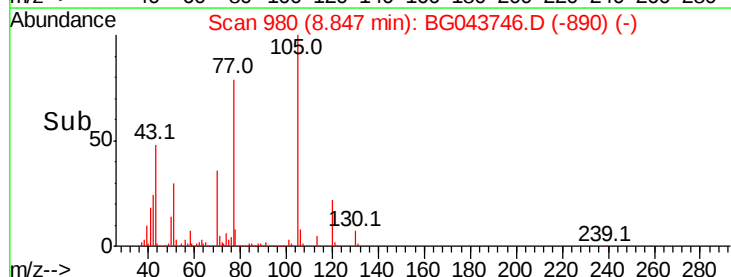
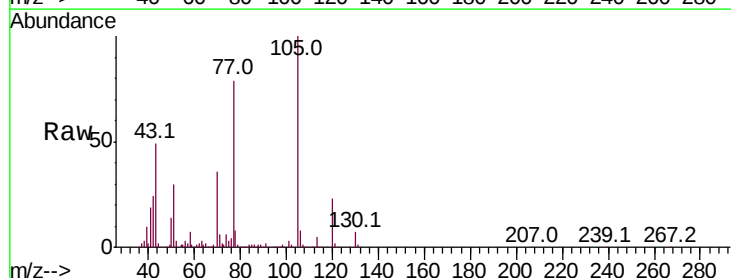
Instrument :
BNA_G
ClientSampleId :

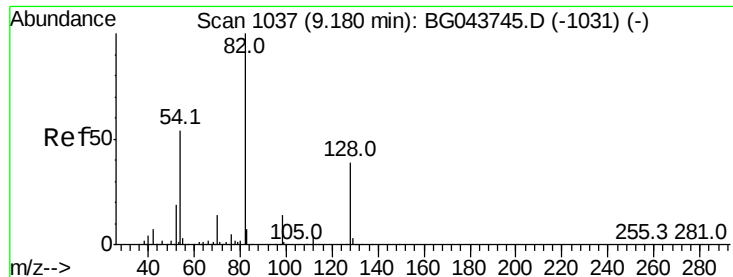
Tot Ion:136	Resp:	207768
Ion Ratio	Lower	Upper
136	100	
137	12.1	8.8 13.2
54	8.3	7.5 11.3
68	6.0	4.9 7.3



#22
Acetophenone
Concen: 50.489 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Tgt Ion:105	Resp:	268639
Ion Ratio	Lower	Upper
105	100	
71	6.3	6.3 9.5
51	29.9	24.7 37.1
120	22.5	17.7 26.5

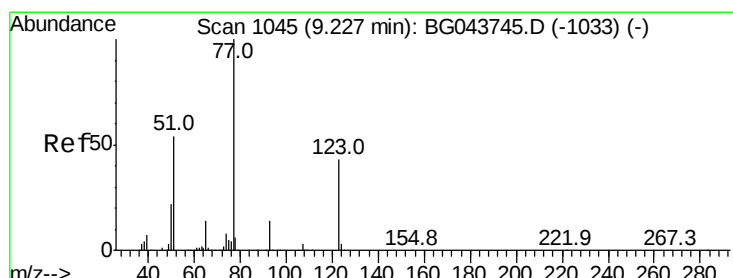
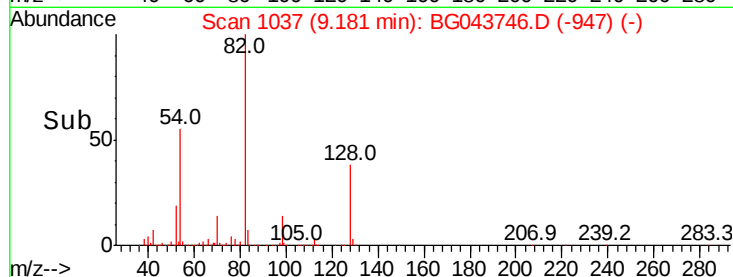
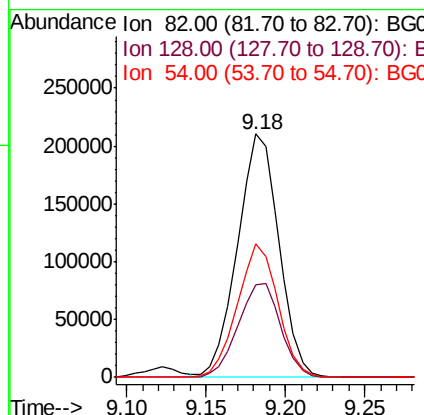
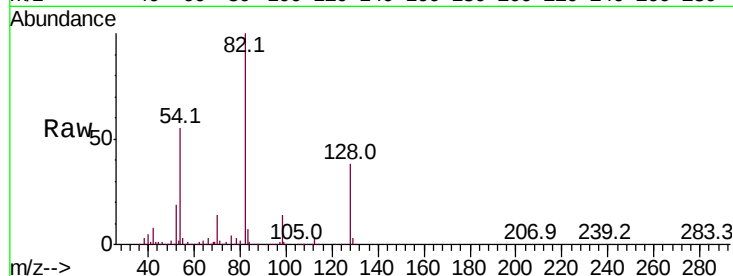




#23
Nitrobenzene-d5
Concen: 94.079 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

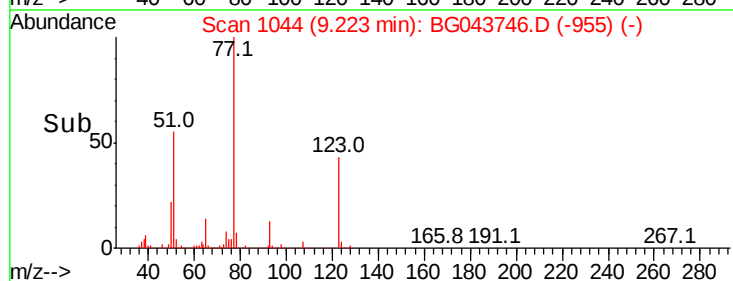
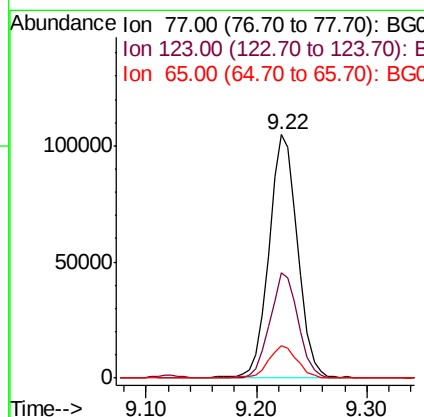
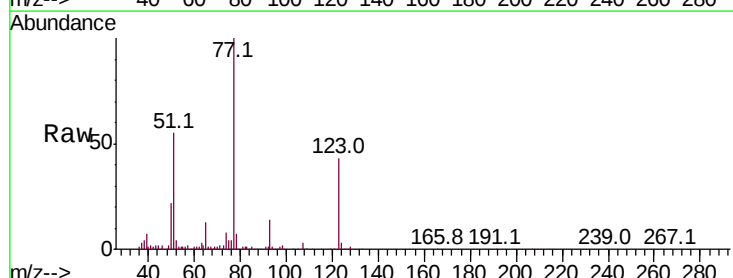
Instrument :
BNA_G
ClientSampled :

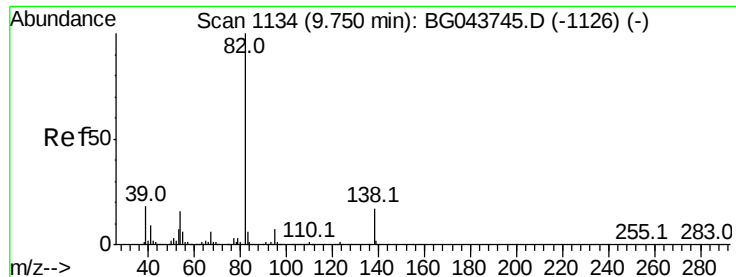
Tot Ion	82	Resp	379143
Ion Ratio	Lower	Upper	
82	100		
128	38.2	31.3	46.9
54	54.8	42.7	64.1



#24
Nitrobenzene
Concen: 49.295 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Tgt Ion	77	Resp	189247
Ion Ratio	Lower	Upper	
77	100		
123	43.3	34.7	52.1
65	13.5	11.0	16.6





#25

Isophorone

Concen: 58.299 ng

RT: 9.75 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Instrument :

BNA_G

ClientSampleId :

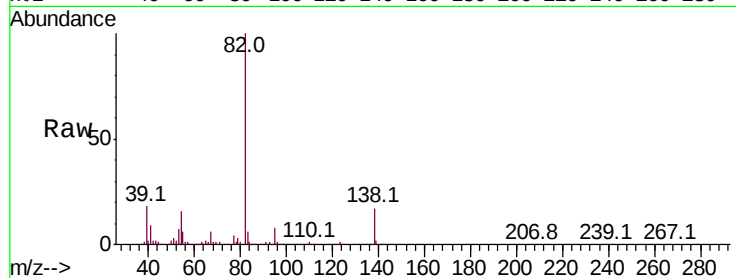
Tot Ion: 82 Resp: 429554

Ion Ratio Lower Upper

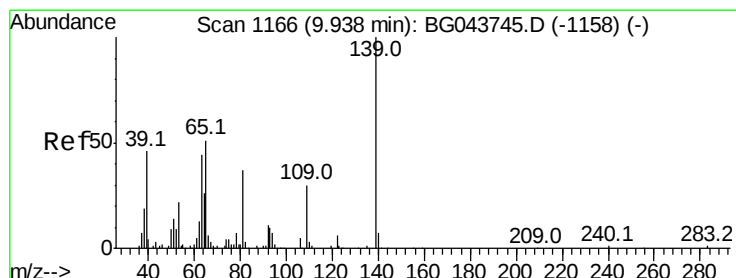
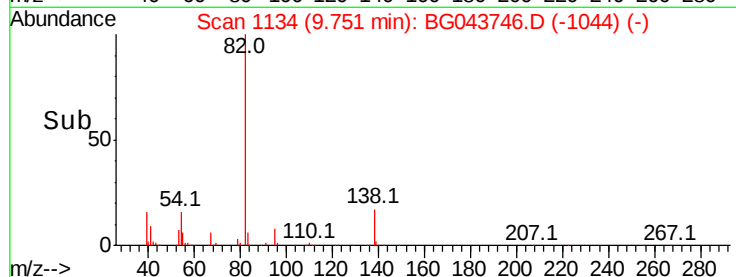
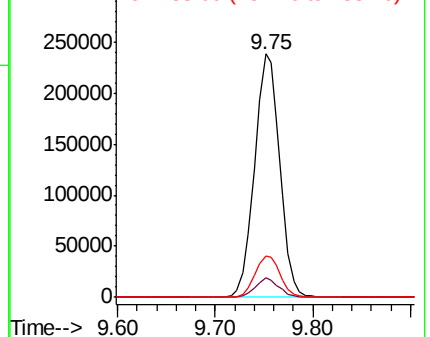
82 100

95 7.8 5.9 8.9

138 17.3 13.3 19.9



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: 37.940 ng

RT: 9.94 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

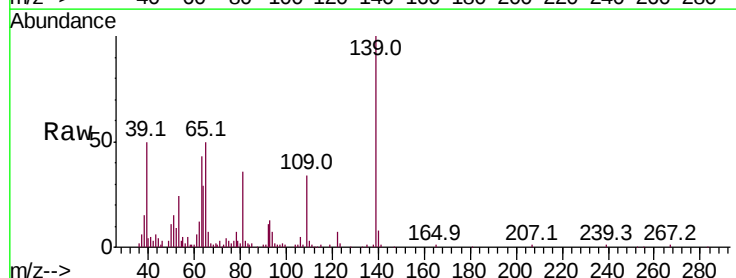
Tgt Ion: 139 Resp: 70320

Ion Ratio Lower Upper

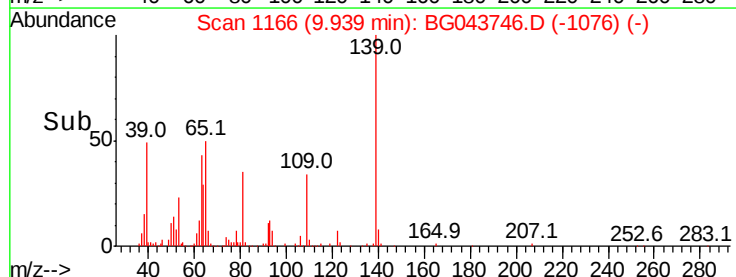
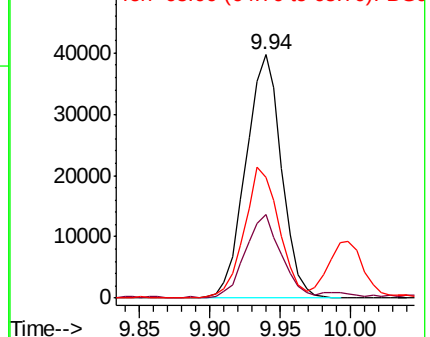
139 100

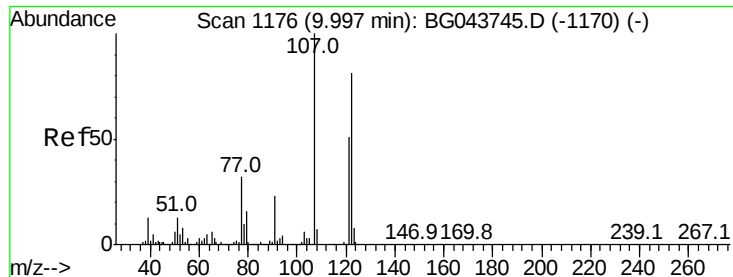
109 34.1 24.1 36.1

65 49.8 41.1 61.7



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

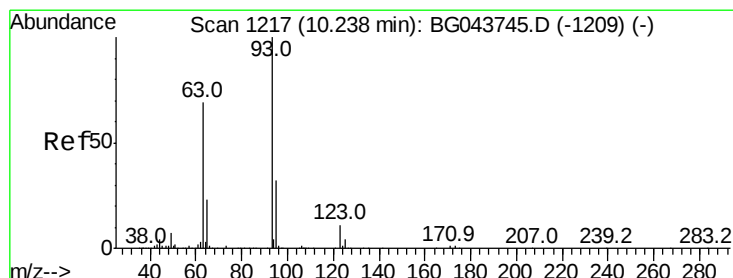
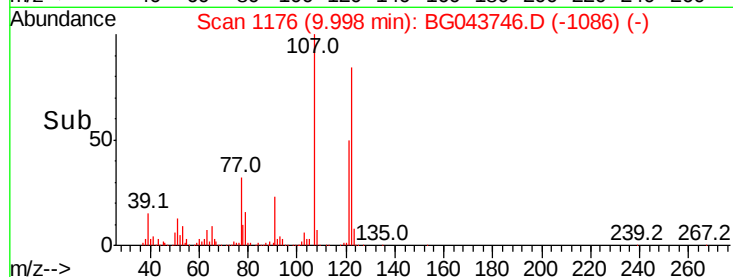
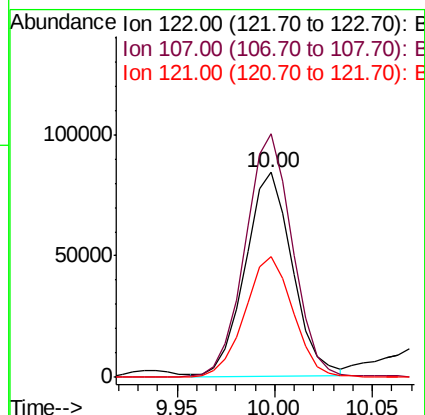
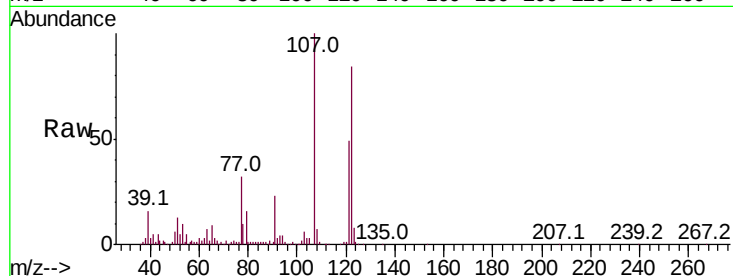




#27
2,4-Dimethylphenol
Concen: 53.049 ng
RT: 10.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

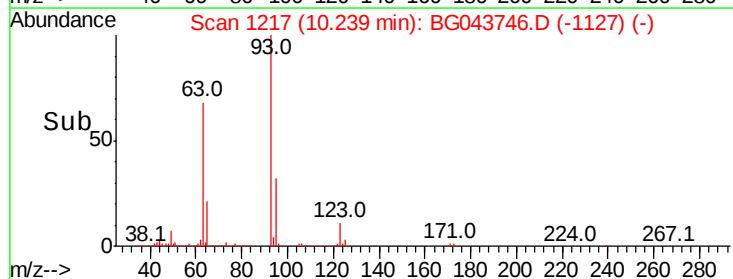
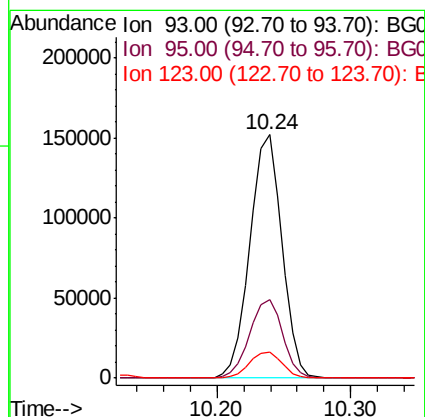
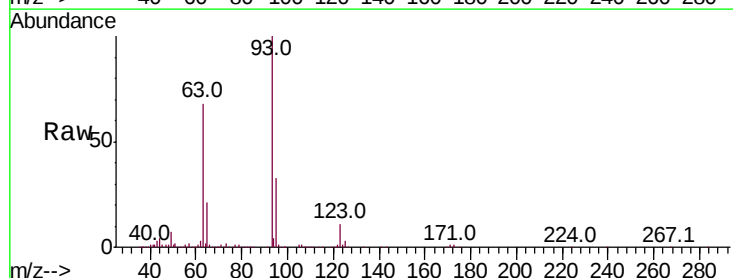
Instrument :
BNA_G
ClientSampled :

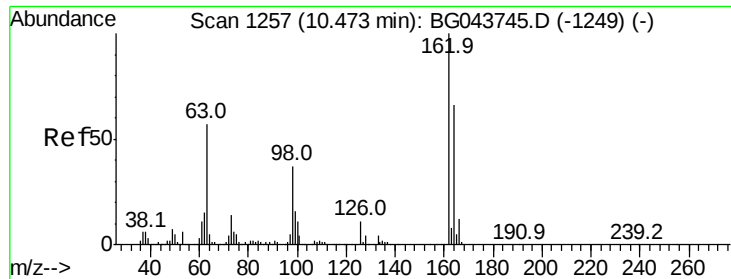
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.8	98.5	147.7
121	58.8	49.6	74.4



#28
bis(2-Chloroethoxy)methane
Concen: 61.489 ng
RT: 10.24 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	10.5	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 52.735 ng

RT: 10.47 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Instrument :

BNA_G

ClientSampled :

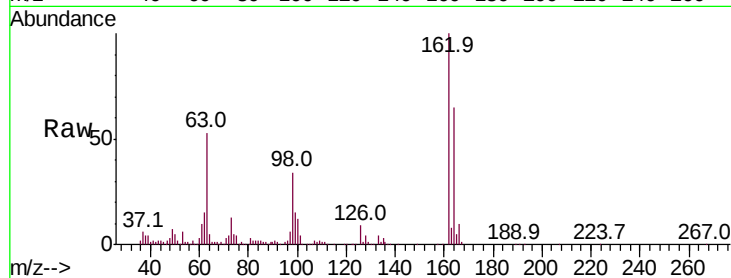
Tot Ion:162 Resp: 179492

Ion Ratio Lower Upper

162 100

164 65.3 46.4 86.4

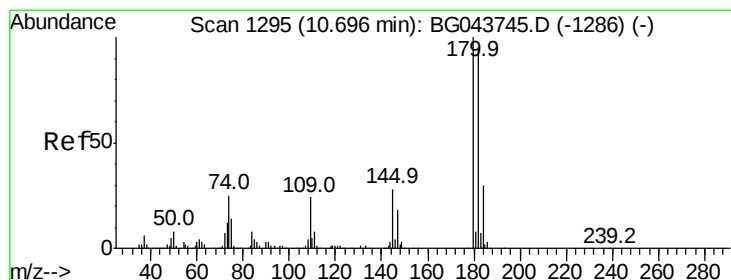
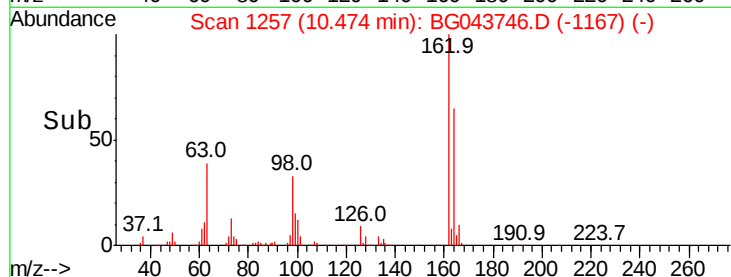
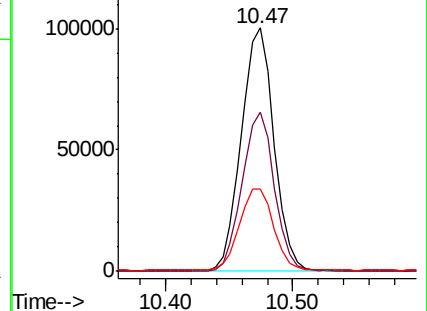
98 33.6 17.3 57.3



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): B



#30

1,2,4-Trichlorobenzene

Concen: 44.290 ng

RT: 10.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

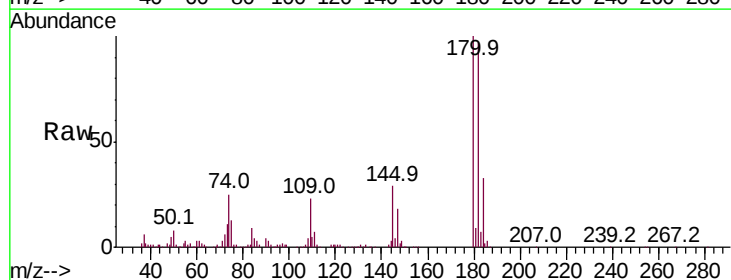
Tgt Ion:180 Resp: 189999

Ion Ratio Lower Upper

180 100

182 96.6 75.8 113.6

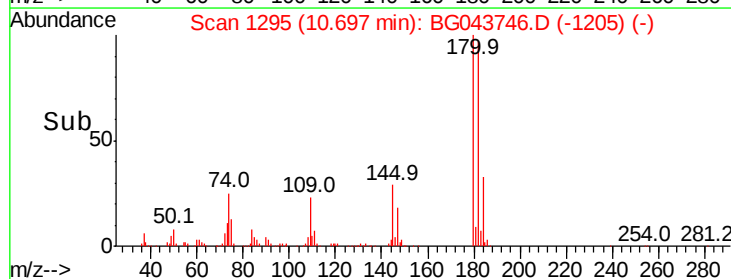
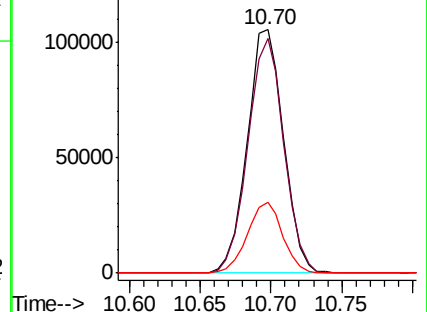
145 29.1 22.5 33.7

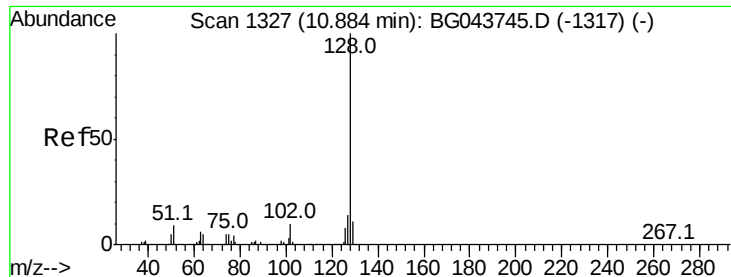


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

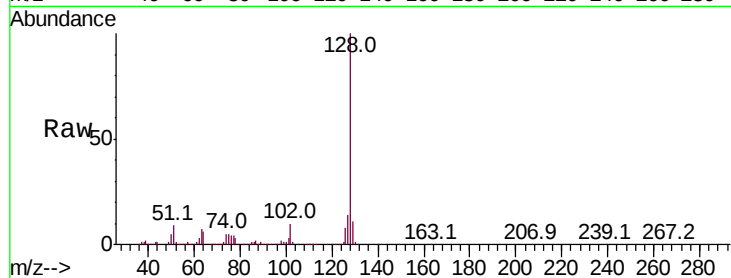




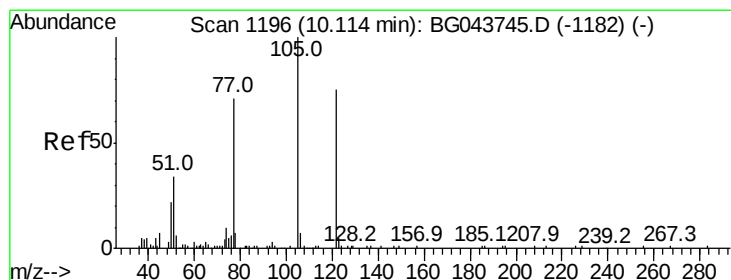
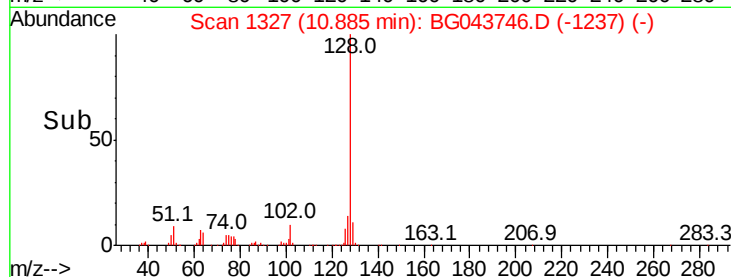
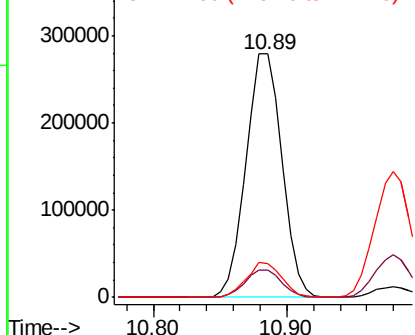
#31
Naphthalene
Concen: 49.262 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.9	11.4	17.0

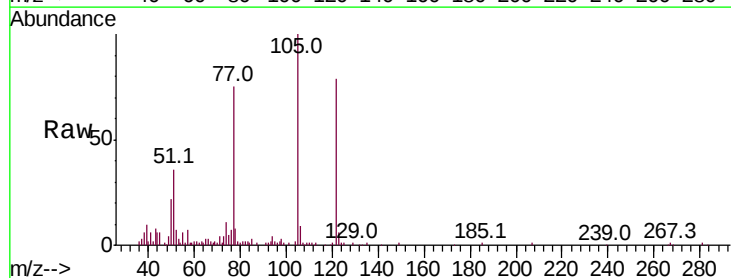


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

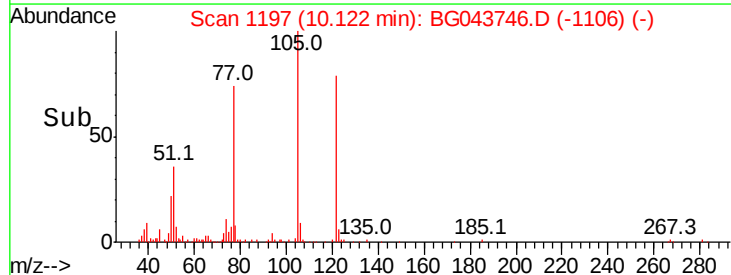
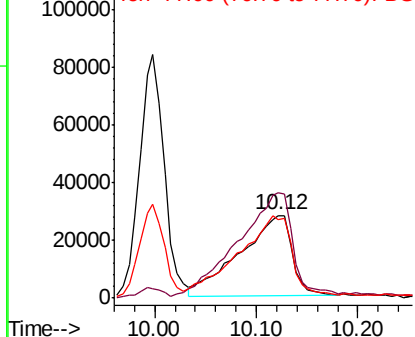


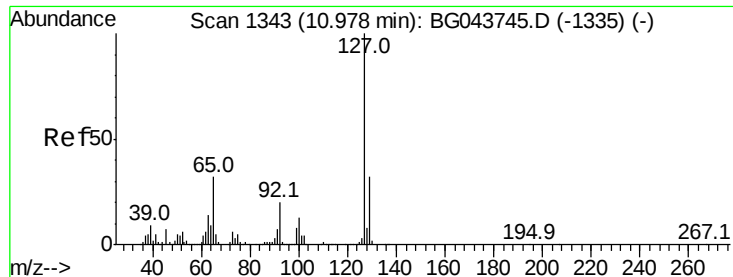
#32
Benzoic acid
Concen: 53.082 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.0	109.3	149.3
77	94.8	76.1	116.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

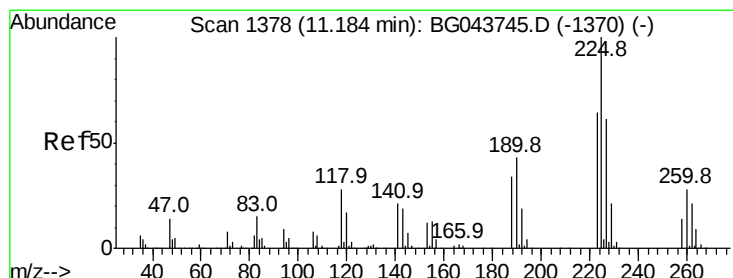
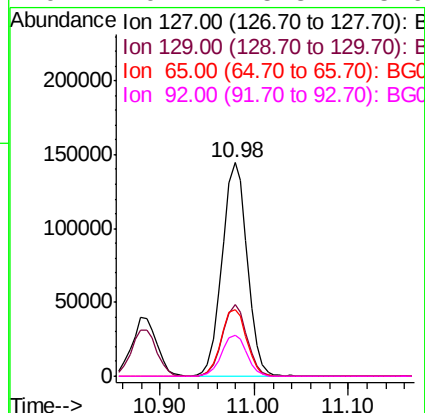
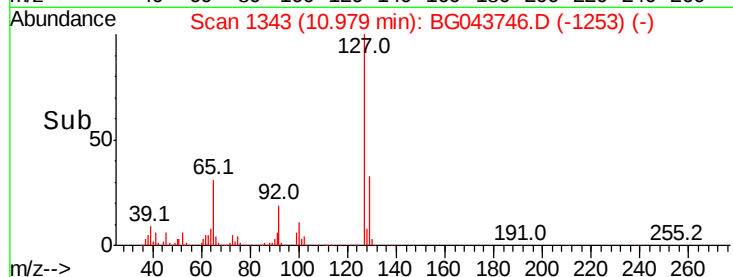
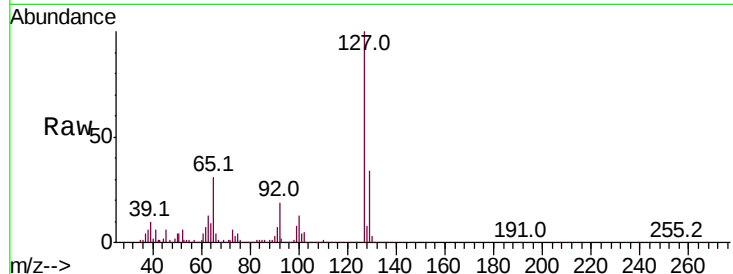




#33
4-Chloroaniline
Concen: 62.388 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

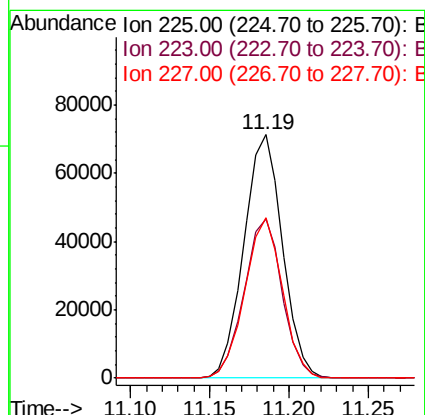
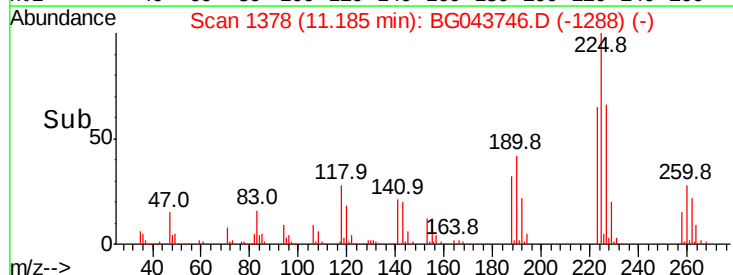
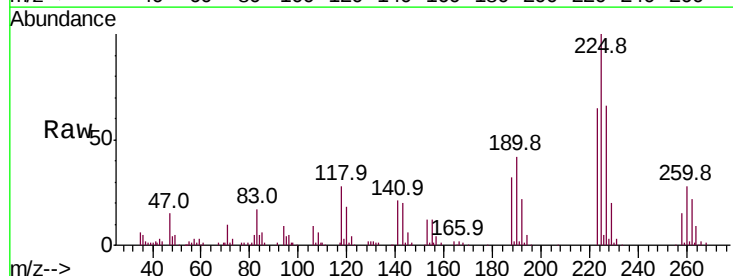
Instrument :
BNA_G
ClientSampleId :

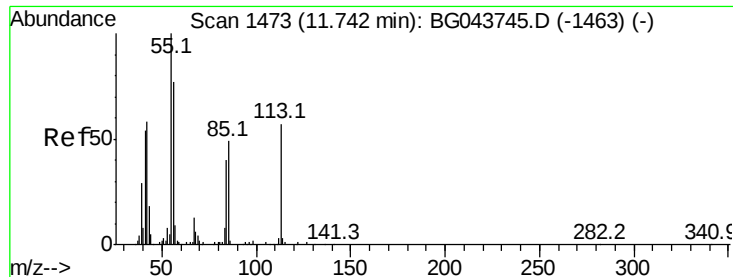
Tot Ion:	127	Resp:	269703
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.9	38.9
65	31.2	25.8	38.8
92	19.2	15.8	23.6



#34
Hexachlorobutadiene
Concen: 38.032 ng
RT: 11.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Tgt Ion:	225	Resp:	120606
Ion	Ratio	Lower	Upper
225	100		
223	65.1	51.2	76.8
227	65.9	51.0	76.4





#35

Caprolactam

Concen: 70.689 ng

RT: 11.74 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Instrument :

BNA_G

ClientSampleId :

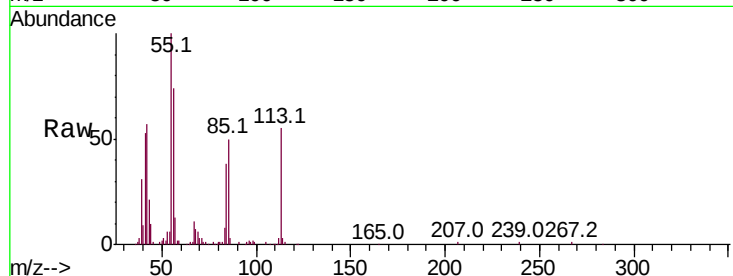
Tot Ion:113 Resp: 82865

Ion Ratio Lower Upper

113 100

55 182.4 160.9 200.9

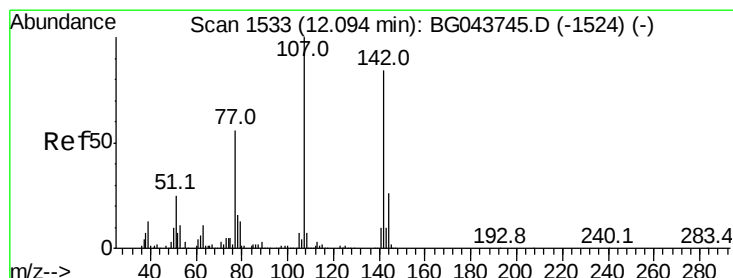
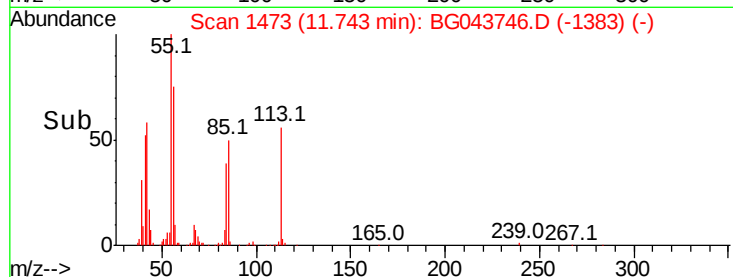
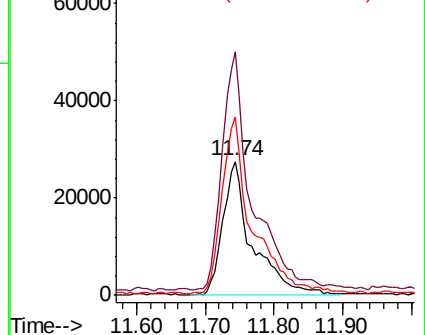
56 134.1 116.8 156.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 56.555 ng

RT: 12.10 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

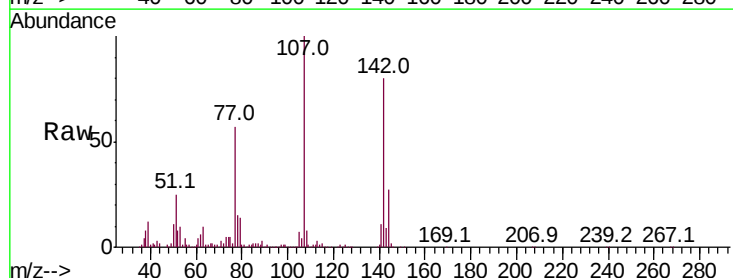
Tgt Ion:107 Resp: 209972

Ion Ratio Lower Upper

107 100

144 27.1 21.0 31.4

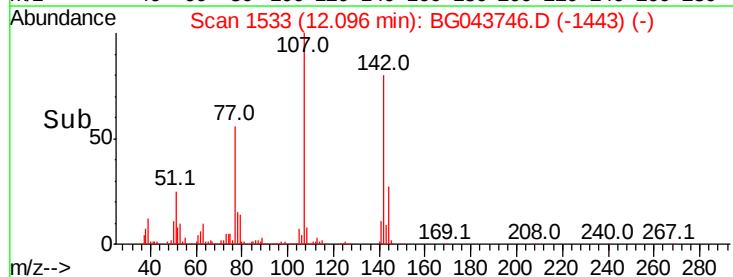
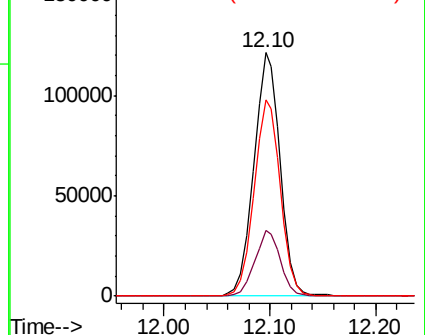
142 80.4 67.0 100.4

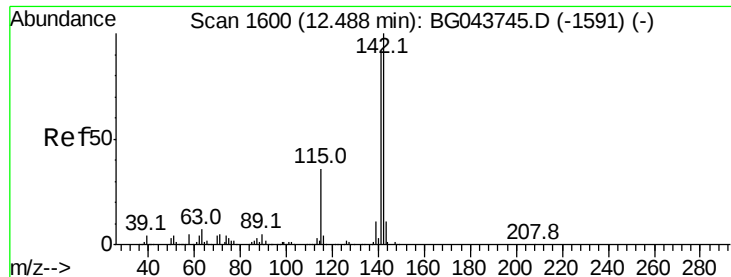


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 51.213 ng

RT: 12.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Instrument :

BNA_G

ClientSampleId :

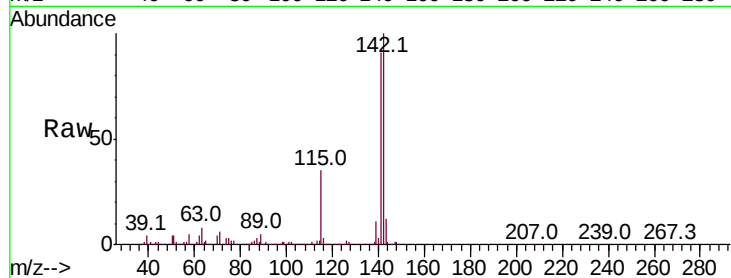
Tot Ion:142 Resp: 414412

Ion Ratio Lower Upper

142 100

141 91.0 72.8 109.2

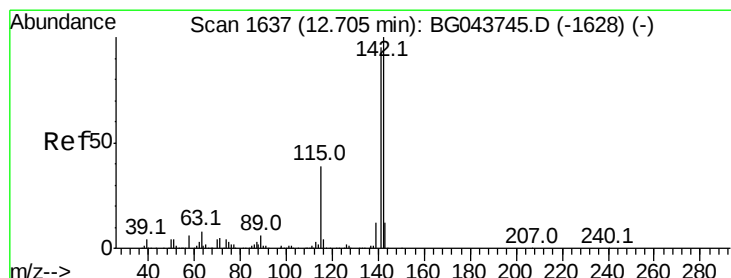
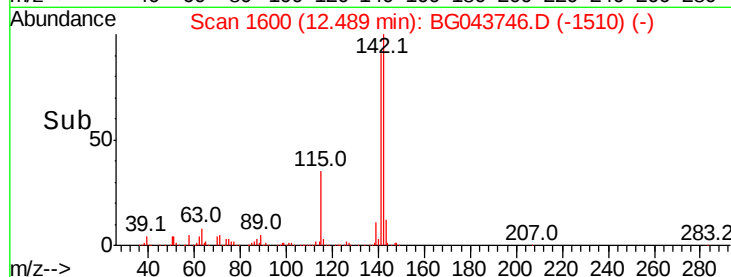
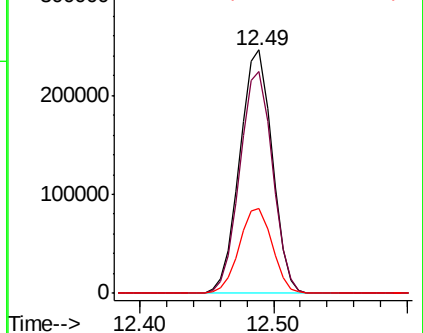
115 35.0 28.9 43.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 51.566 ng

RT: 12.71 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

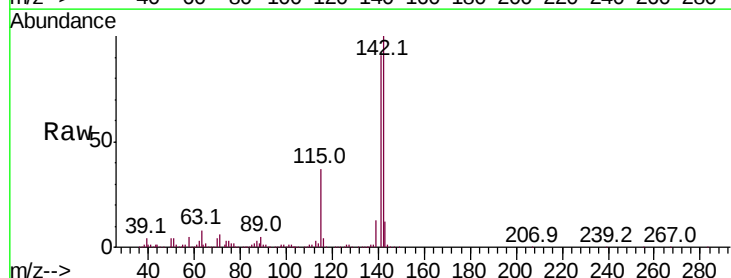
Tgt Ion:142 Resp: 397017

Ion Ratio Lower Upper

142 100

141 90.8 75.8 113.8

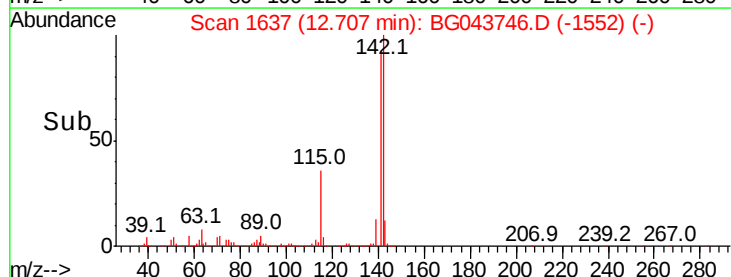
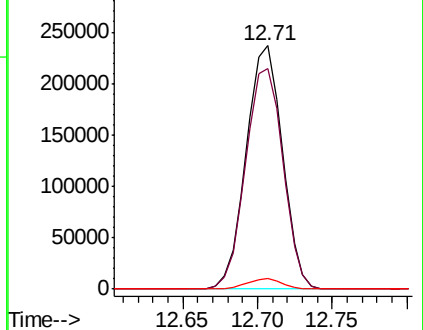
116 4.2 3.4 5.0

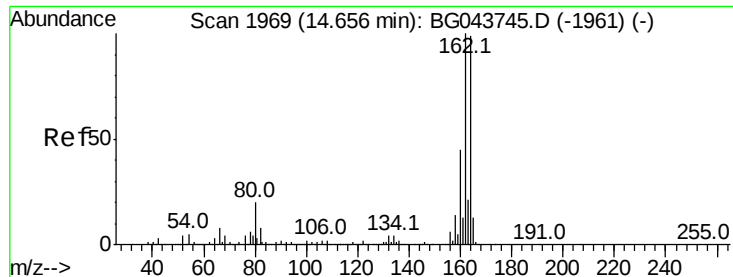


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Instrument :

BNA_G

ClientSampleId :

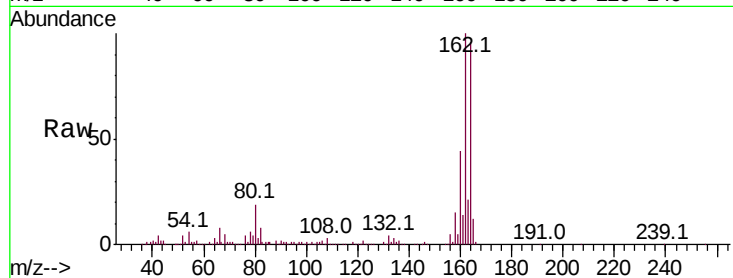
Tot Ion:164 Resp: 165106

Ion Ratio Lower Upper

164 100

162 104.1 80.6 121.0

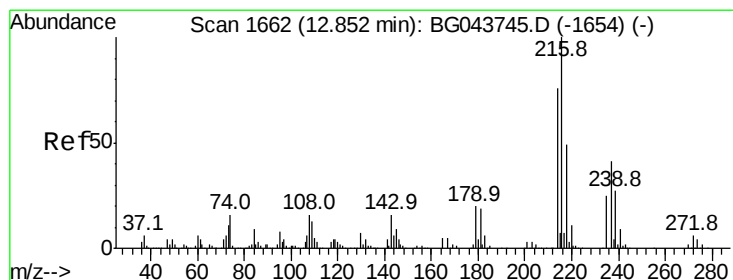
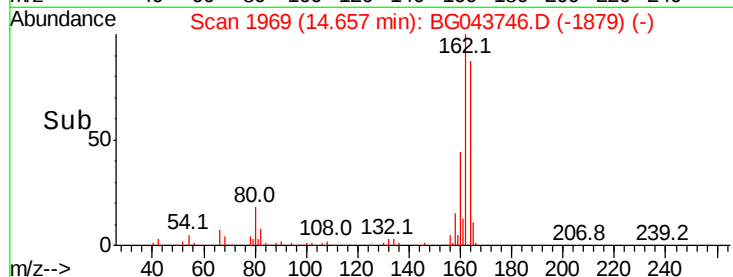
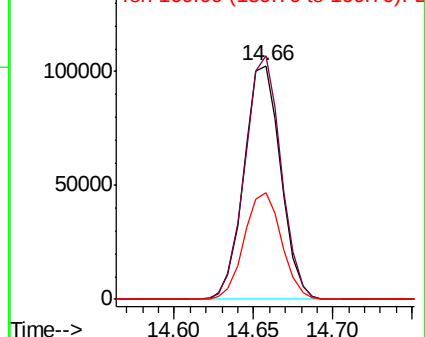
160 45.5 36.3 54.5



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: 40.743 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Tgt Ion:216 Resp: 248955

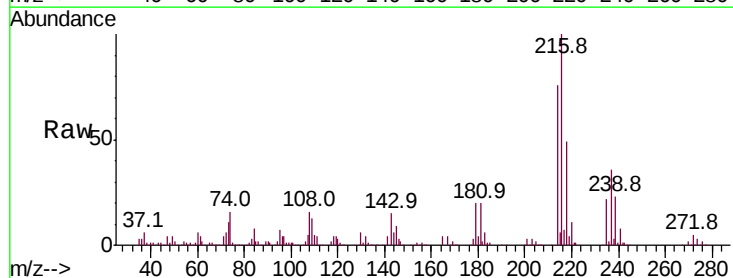
Ion Ratio Lower Upper

216 100

214 75.8 62.0 93.0

179 20.2 16.3 24.5

108 16.6 13.0 19.6

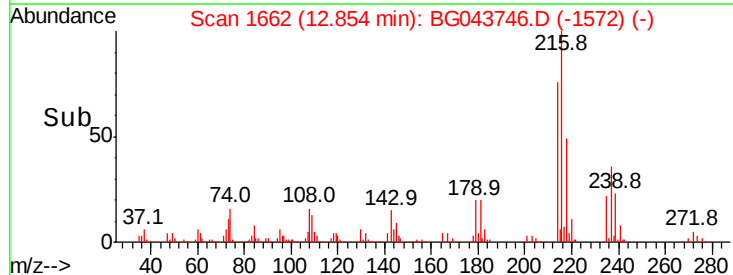
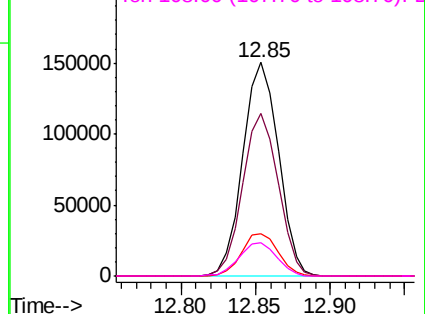


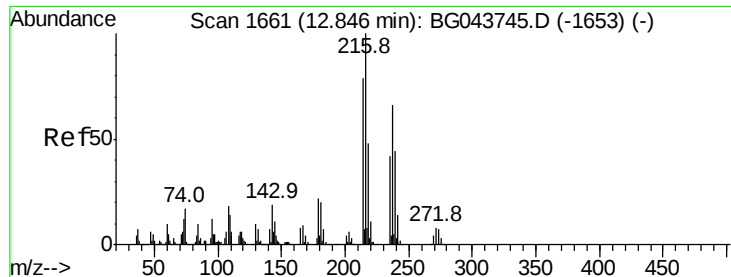
Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.230 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Instrument :

BNA_G

ClientSampleId :

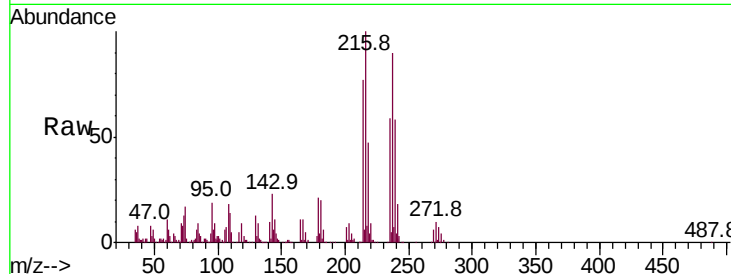
Tot Ion:237 Resp: 125921

Ion Ratio Lower Upper

237 100

235 65.2 43.8 83.8

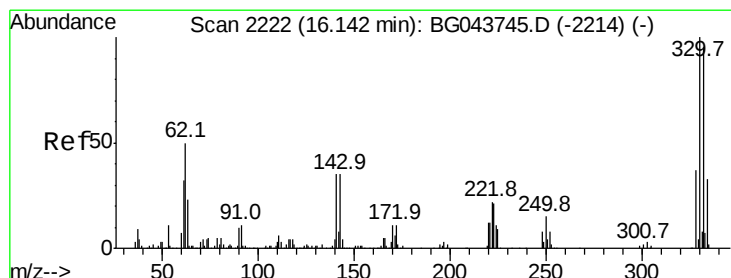
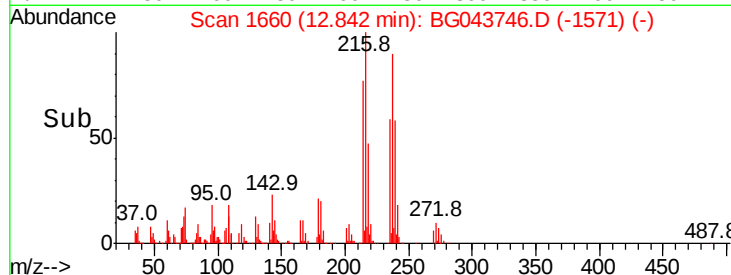
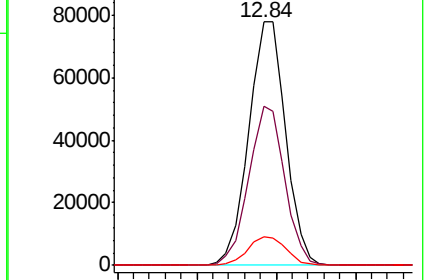
272 11.6 0.0 31.8



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: 67.471 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

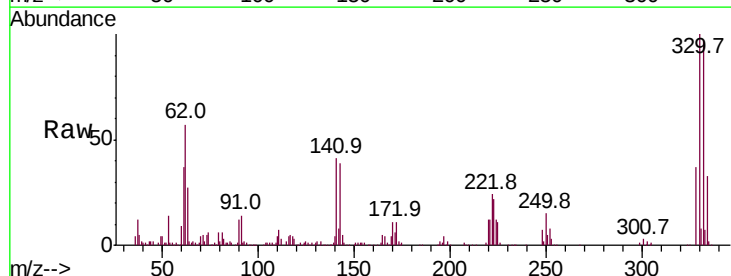
Tgt Ion:330 Resp: 211991

Ion Ratio Lower Upper

330 100

332 95.0 77.3 115.9

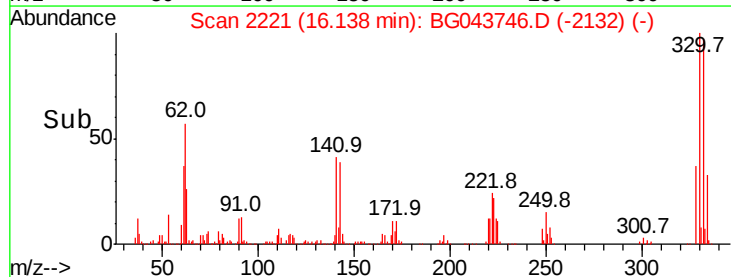
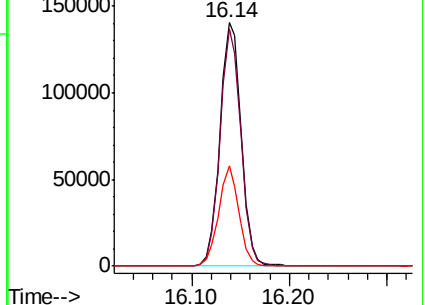
141 39.3 31.4 47.2

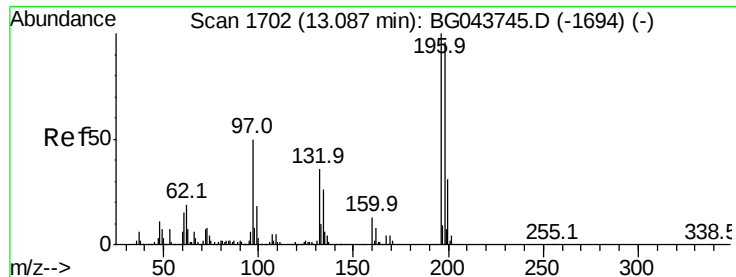


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

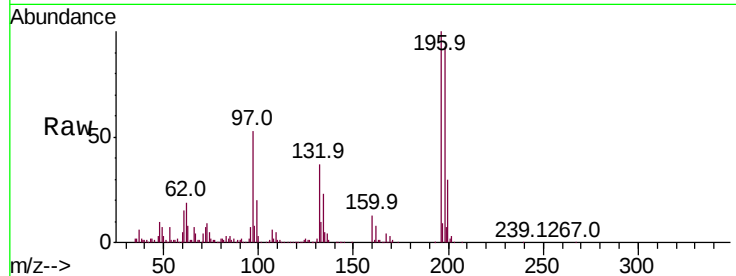




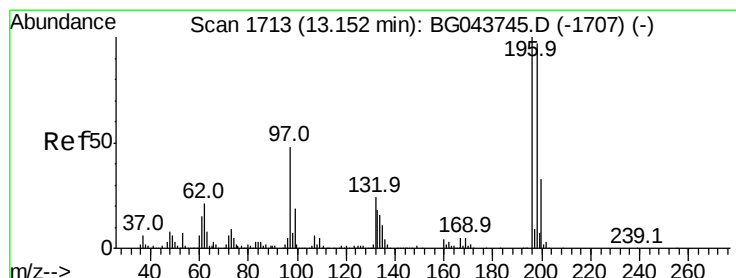
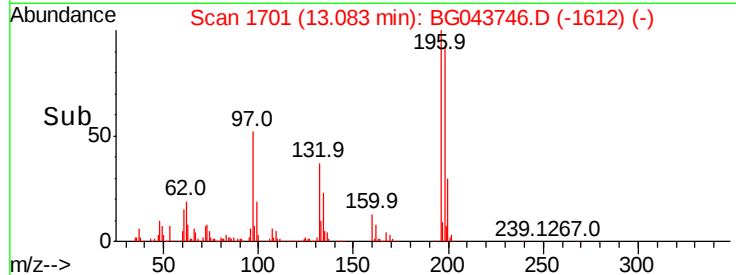
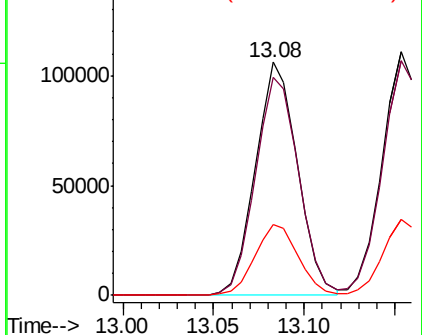
#43
2,4,6-Trichlorophenol
Concen: 47.597 ng
RT: 13.08 min Scan# 1701
Delta R.T. -0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:196 Resp: 171274
Ion Ratio Lower Upper
196 100
198 93.4 76.5 114.7
200 30.3 24.6 36.8

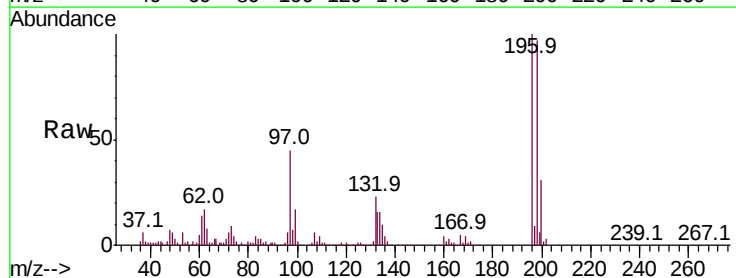


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

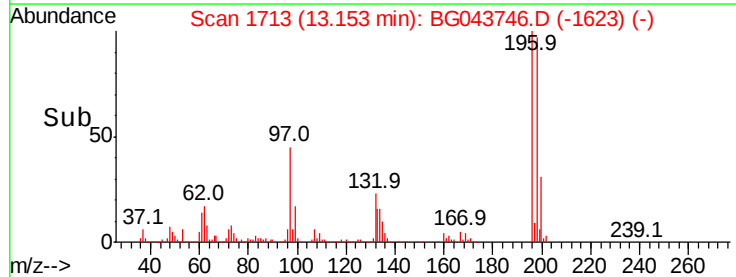
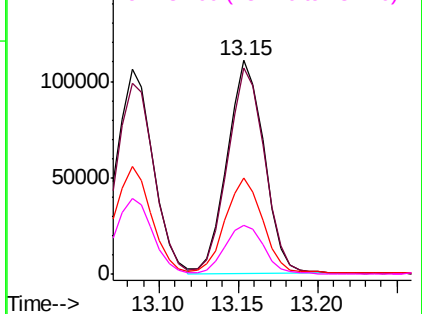


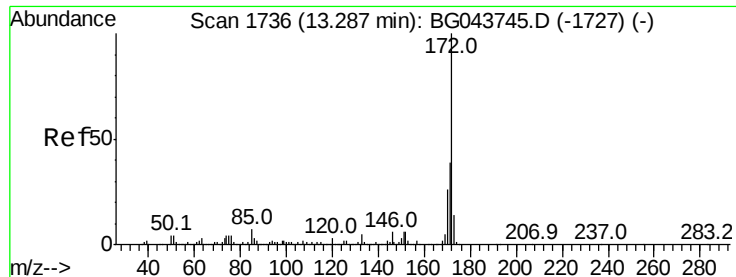
#44
2,4,5-Trichlorophenol
Concen: 49.116 ng
RT: 13.15 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Tgt Ion:196 Resp: 178680
Ion Ratio Lower Upper
196 100
198 96.6 78.2 117.2
97 45.1 39.1 58.7
132 22.9 19.6 29.4



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

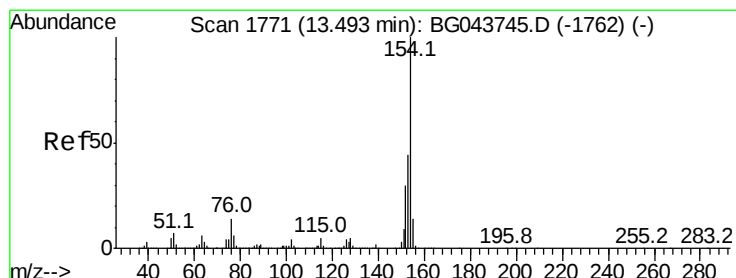
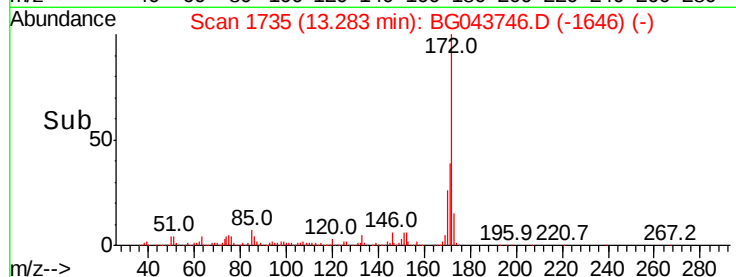
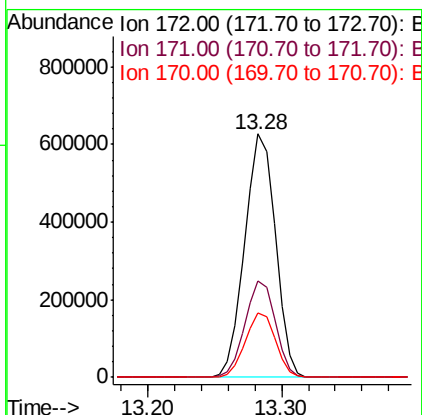
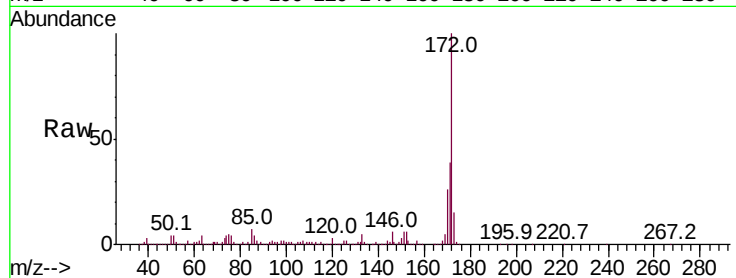




#45
2-Fluorobiphenyl
Concen: 83.477 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

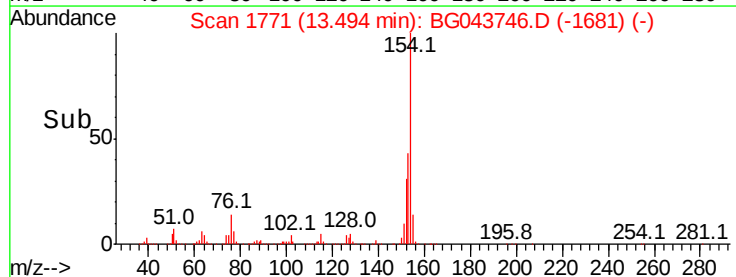
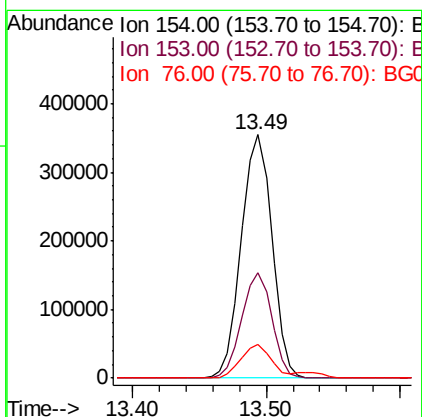
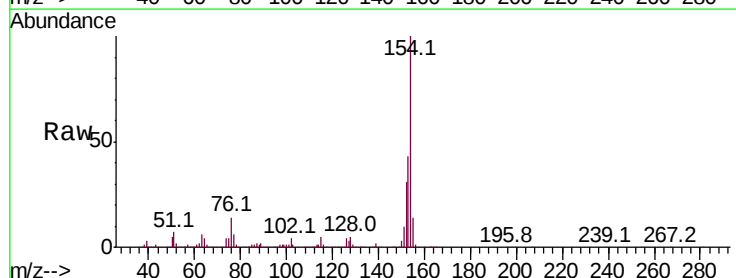
Instrument :
BNA_G
ClientSampleId :

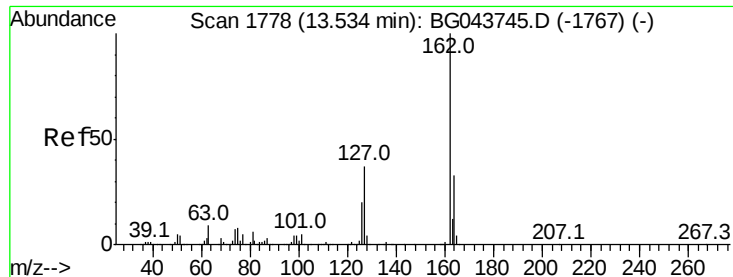
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.0	46.6
170	26.4	21.0	31.4



#46
1,1'-Biphenyl
Concen: 44.818 ng
RT: 13.49 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	23.5	63.5
76	13.7	0.0	33.6

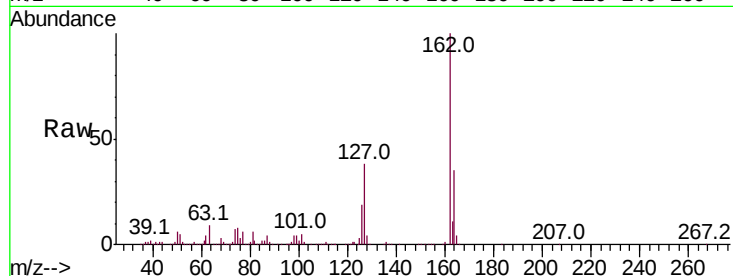




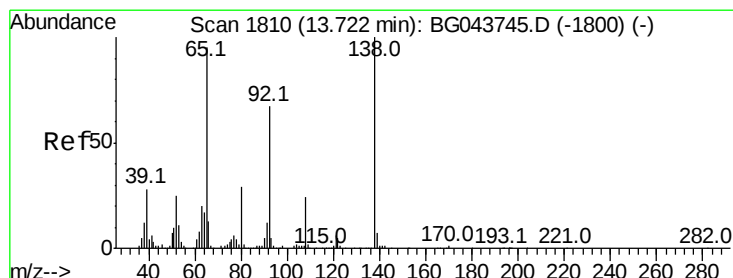
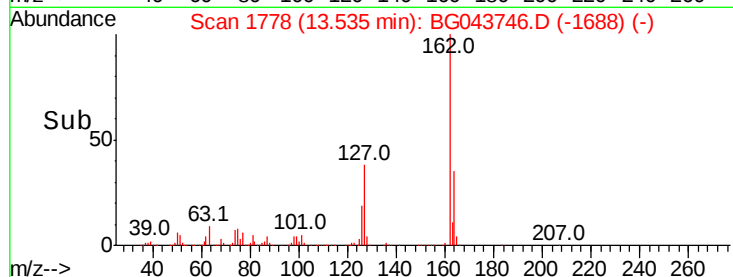
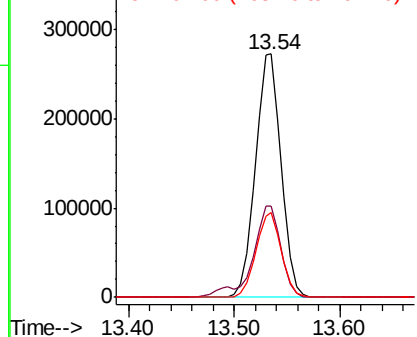
#47
2-Chloronaphthalene
Concen: 48.230 ng
RT: 13.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.0	45.0
164	34.8	26.4	39.6

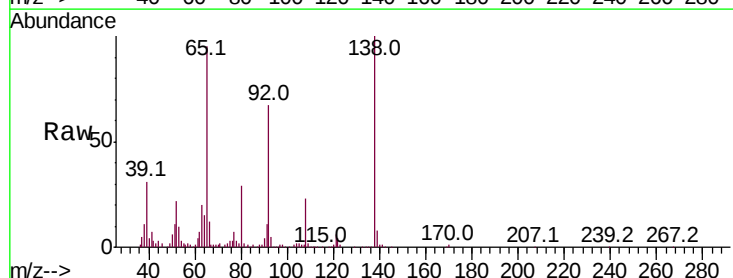


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

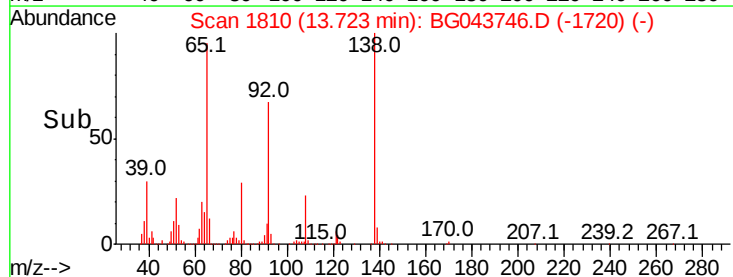
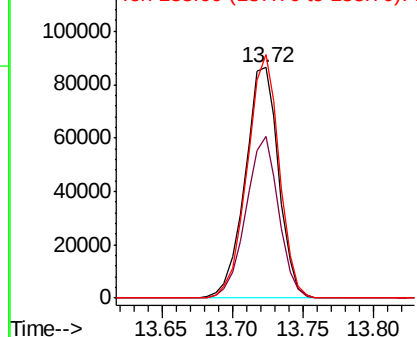


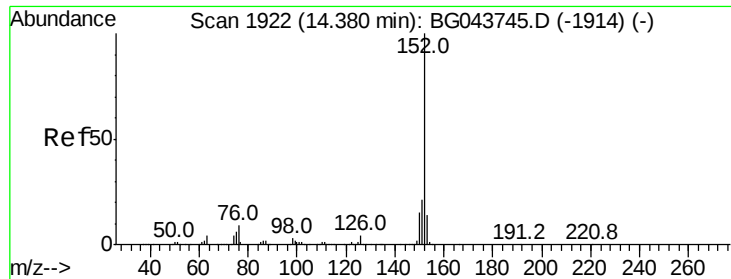
#48
2-Nitroaniline
Concen: 50.376 ng
RT: 13.72 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.3	56.1	84.1
138	105.6	84.2	126.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.584 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

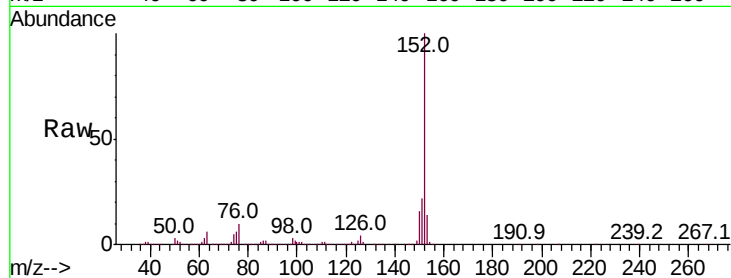
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 752370

Ion	Ratio	Lower	Upper
152	100		
151	22.5	17.0	25.6
153	14.3	10.8	16.2

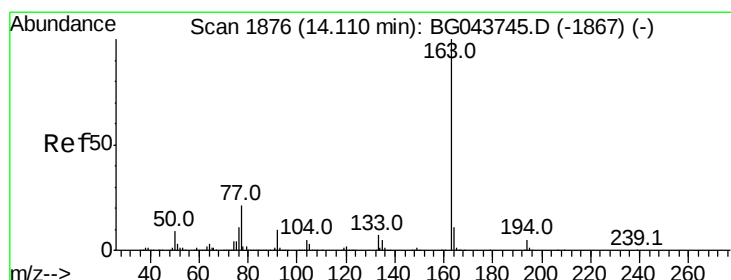
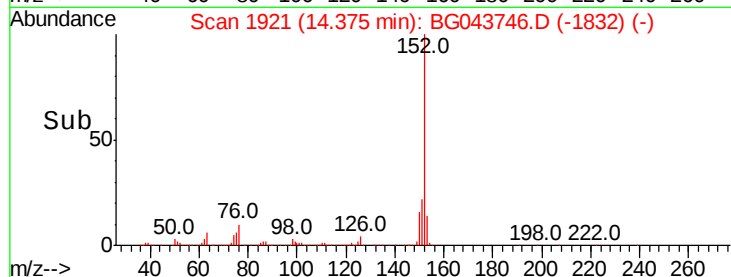
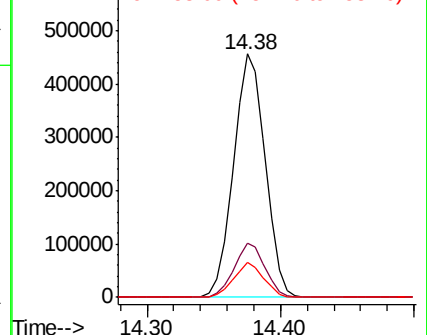


Abundance

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: 52.635 ng

RT: 14.11 min Scan# 1876

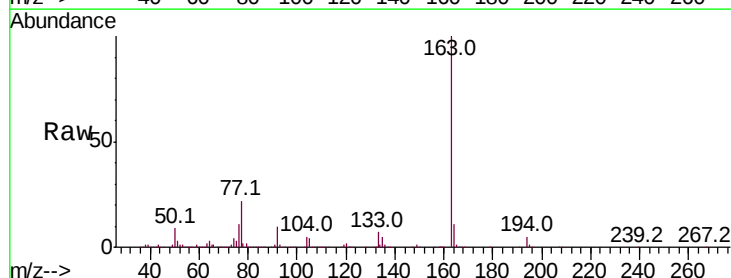
Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Tgt Ion:163 Resp: 673125

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	11.1	8.7	13.1

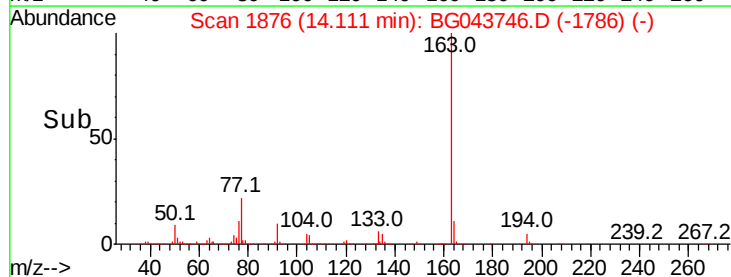
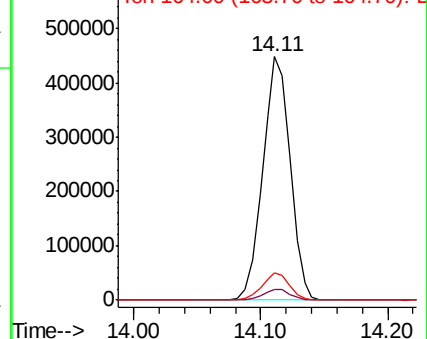


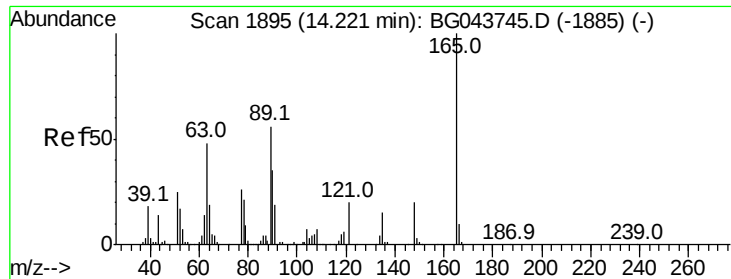
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

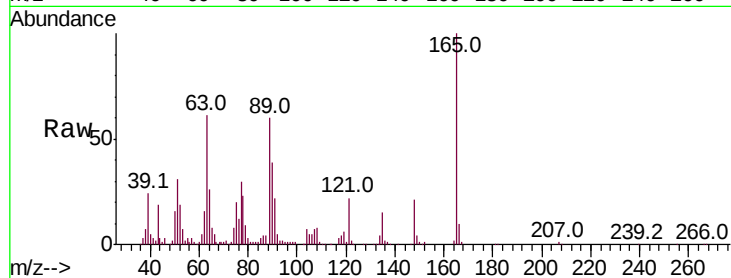




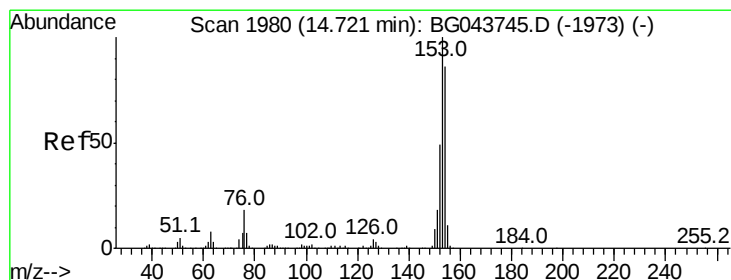
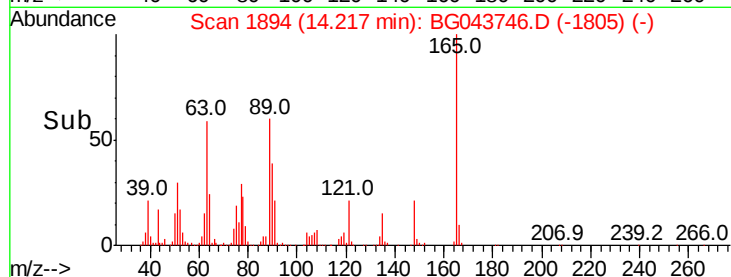
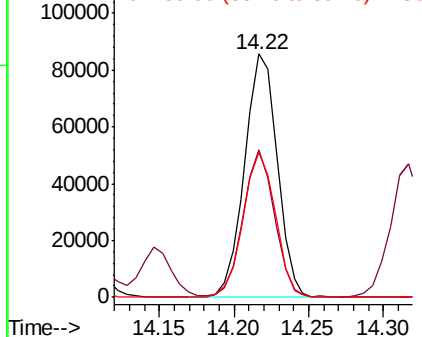
#51
 2,6-Dinitrotoluene
 Concen: 46.811 ng
 RT: 14.22 min Scan# 1894
 Delta R.T. -0.00 min
 Lab File: BG043746.D
 Acq: 22 Nov 2019 17:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.7	43.4	65.2
89	59.6	44.6	67.0

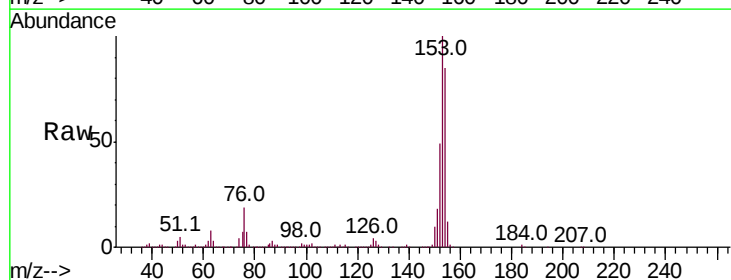


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

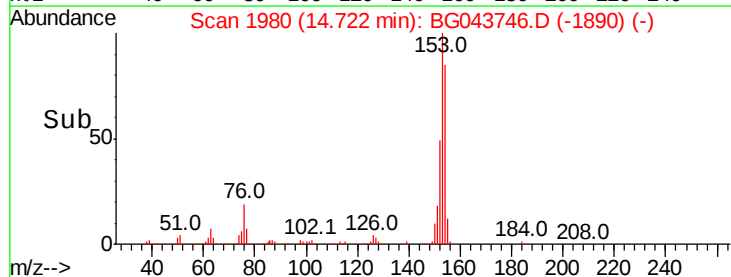
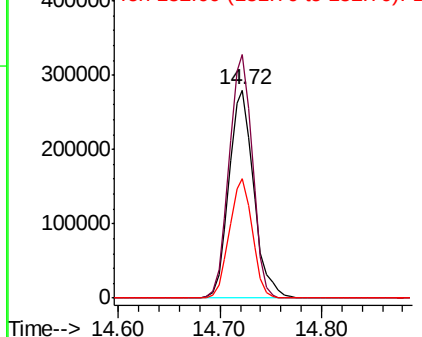


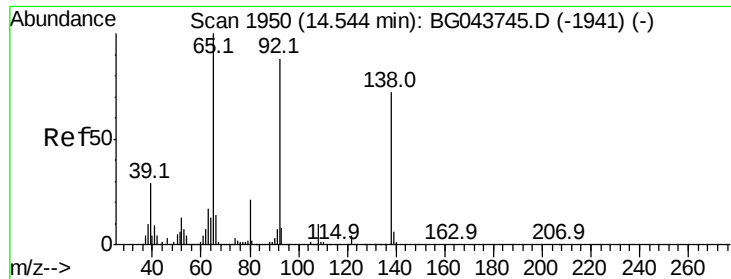
#52
 Acenaphthene
 Concen: 52.083 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: BG043746.D
 Acq: 22 Nov 2019 17:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.1	92.9	139.3
152	57.3	45.2	67.8



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

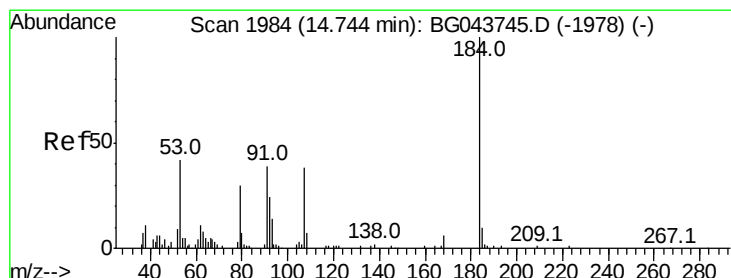
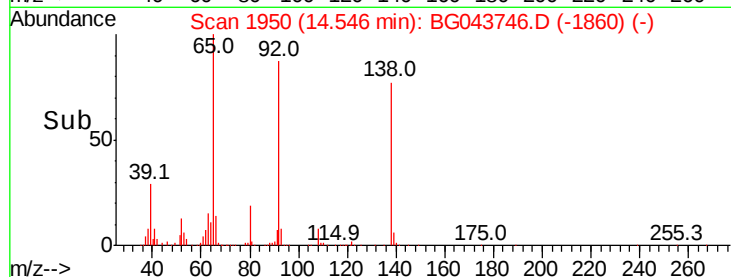
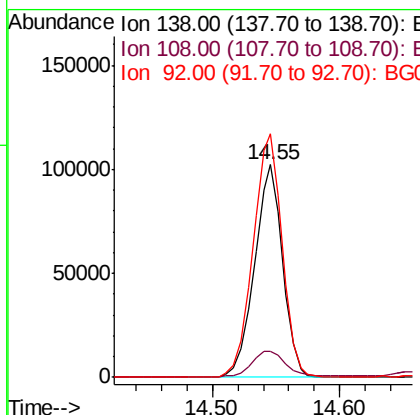
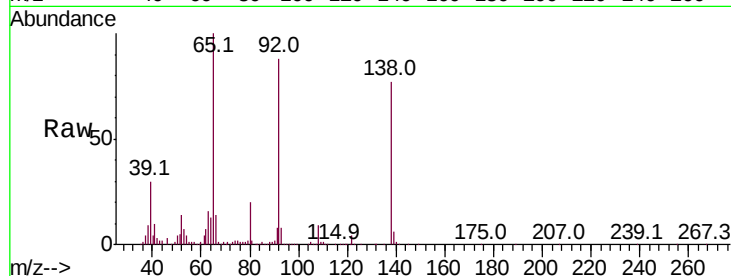




#53
 3-Nitroaniline
 Concen: 58.884 ng
 RT: 14.55 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: BG043746.D
 Acq: 22 Nov 2019 17:45

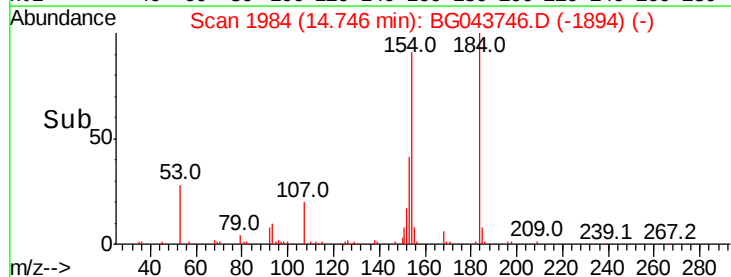
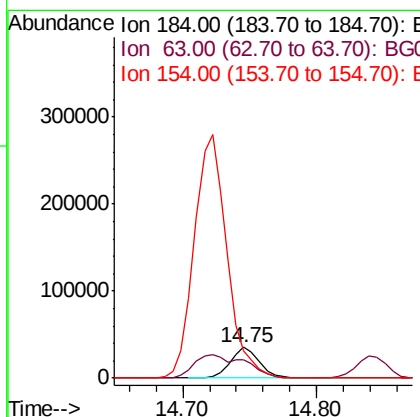
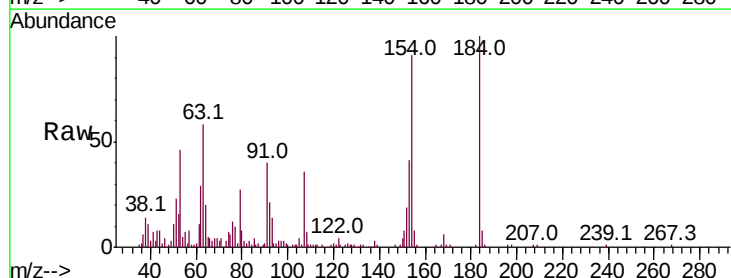
Instrument :
 BNA_G
 ClientSampleId :

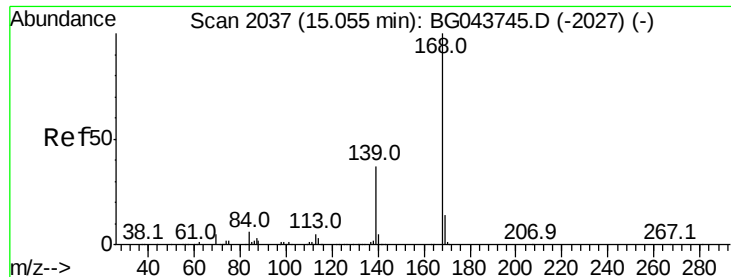
Tot Ion:138 Resp: 157951
 Ion Ratio Lower Upper
 138 100
 108 12.2 11.7 17.5
 92 114.4 97.2 145.8



#54
 2,4-Dinitrophenol
 Concen: 36.005 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: BG043746.D
 Acq: 22 Nov 2019 17:45

Tgt Ion:184 Resp: 52815
 Ion Ratio Lower Upper
 184 100
 63 58.1 52.4 78.6
 154 90.5 92.8 139.2#

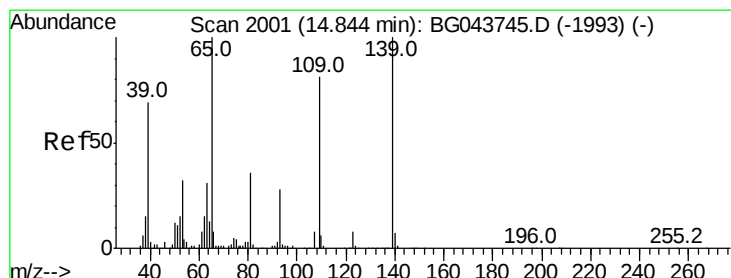
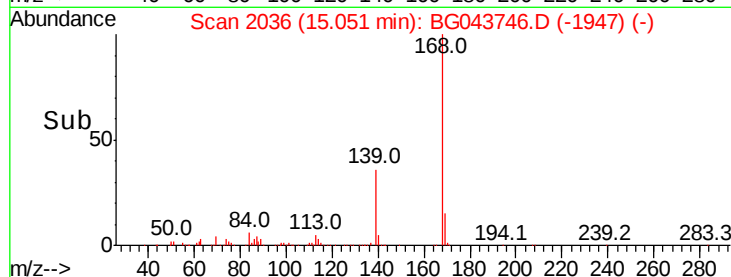
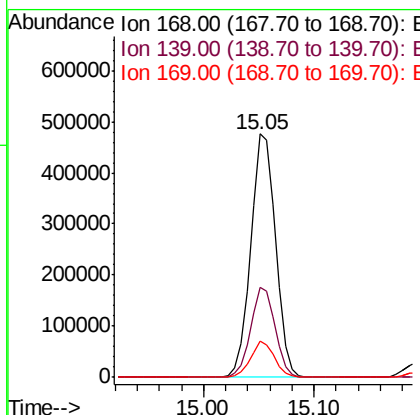
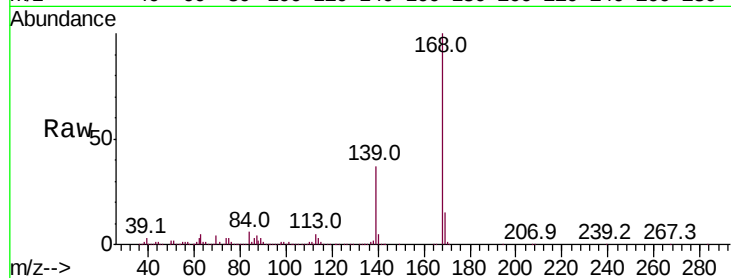




#55
Dibenzofuran
Concen: 51.047 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

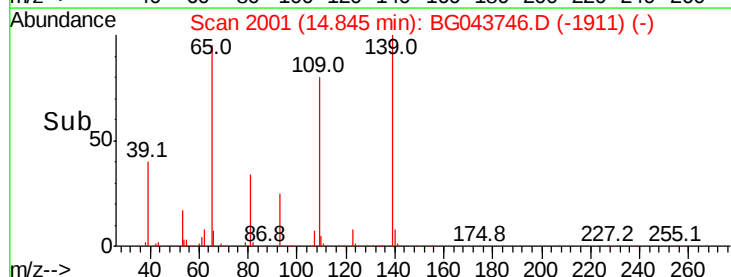
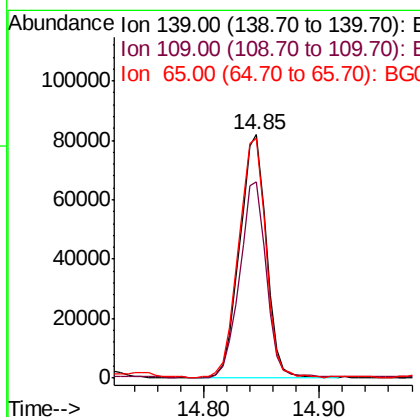
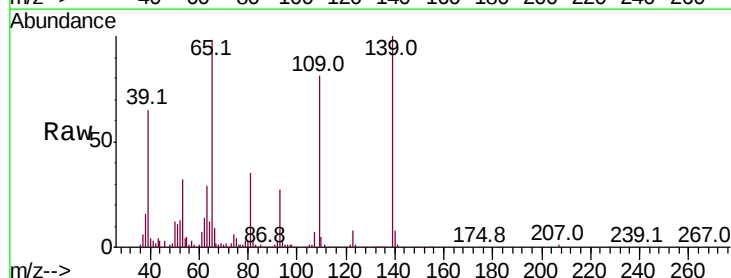
Instrument :
BNA_G
ClientSampleId :

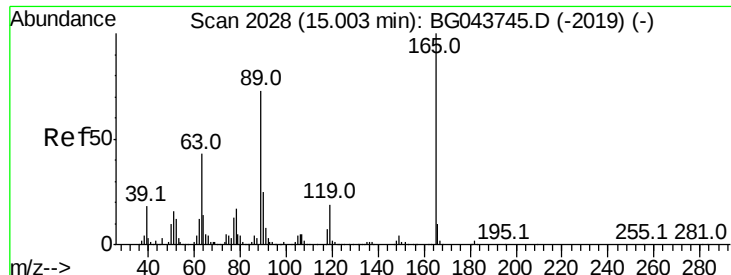
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.4	44.2
169	14.8	11.3	16.9



#56
4-Nitrophenol
Concen: 73.127 ng
RT: 14.85 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.5	61.4	101.4
65	98.2	80.3	120.3

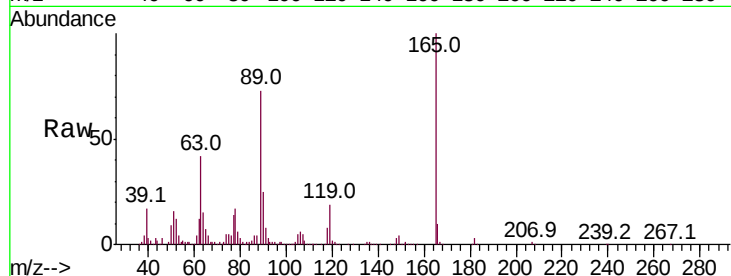




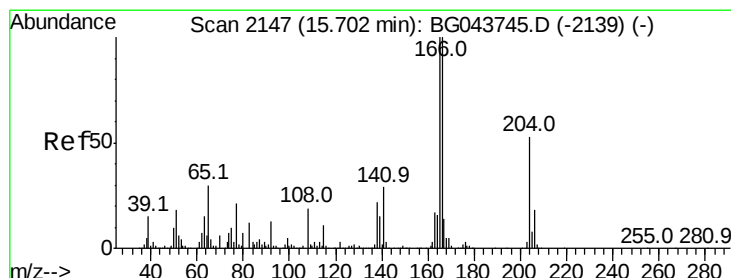
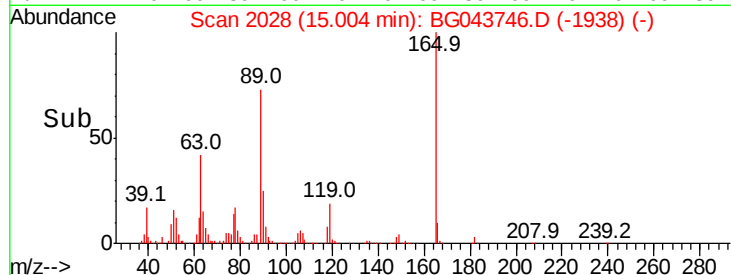
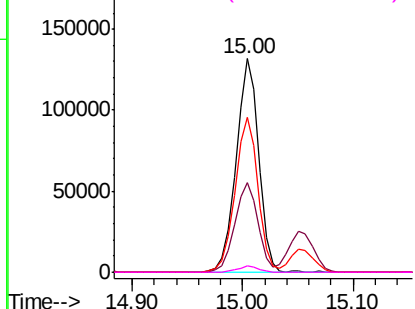
#57
2,4-Dinitrotoluene
Concen: 47.546 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	188782
Ion Ratio	Lower	Upper
165	100	
63	42.2	34.6 51.8
89	72.8	58.3 87.5
182	2.8	1.9 2.9

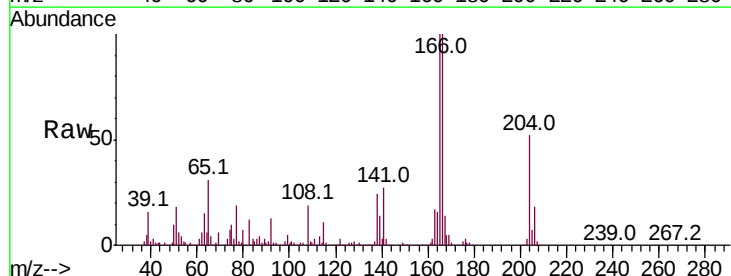


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

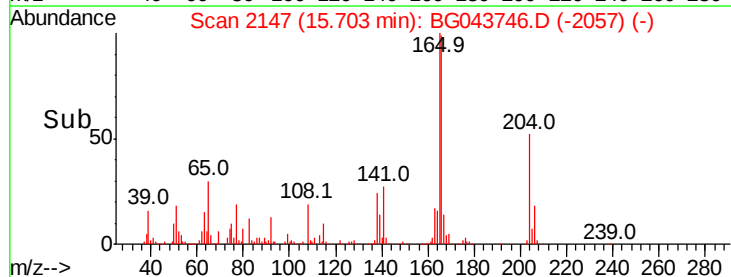
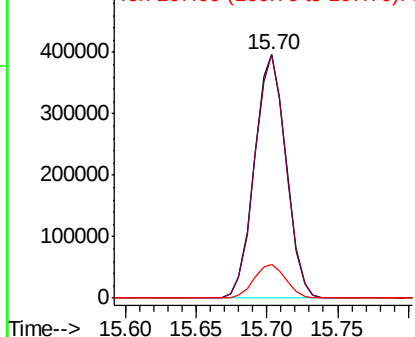


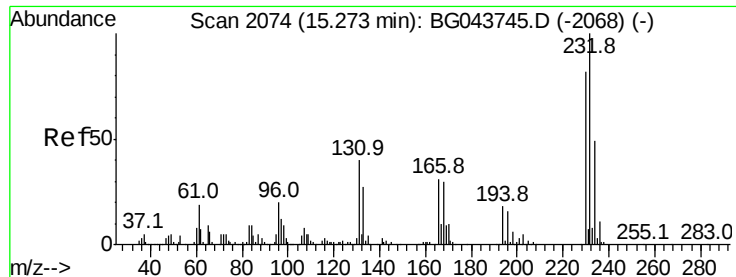
#58
Fluorene
Concen: 50.516 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Tgt Ion:166	Resp:	623216
Ion Ratio	Lower	Upper
166	100	
165	100.0	79.9 119.9
167	14.1	11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

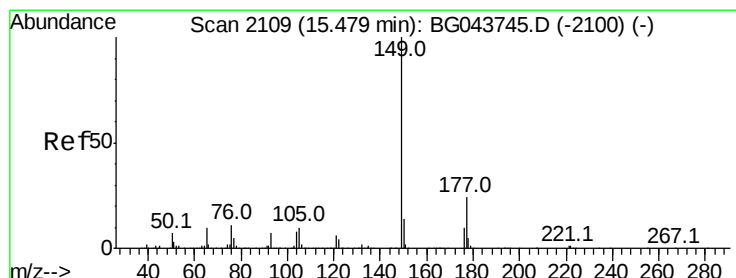
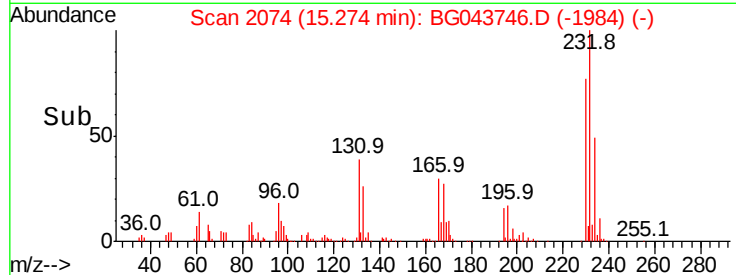
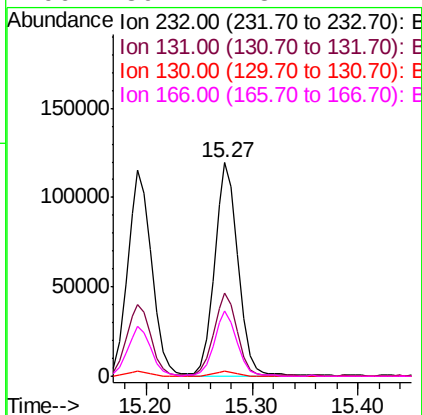
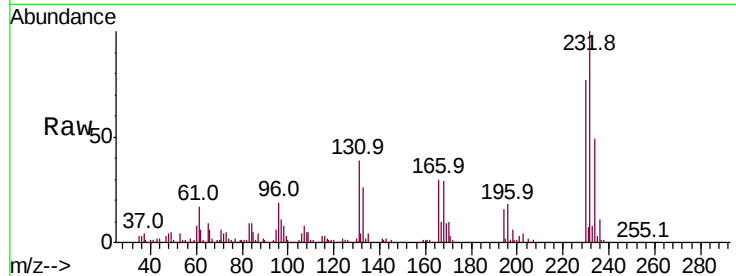




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.990 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG043746.D
 Acq: 22 Nov 2019 17:45

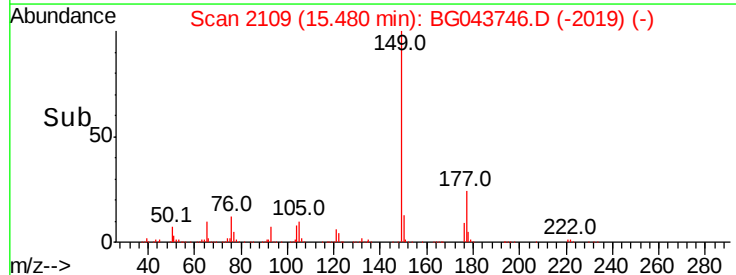
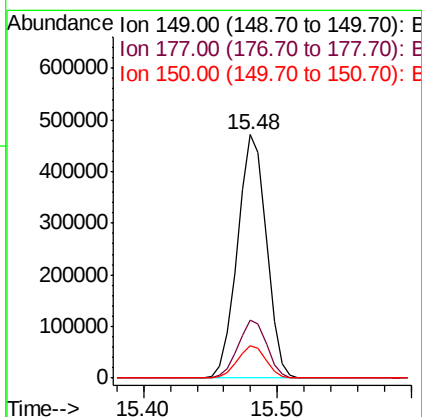
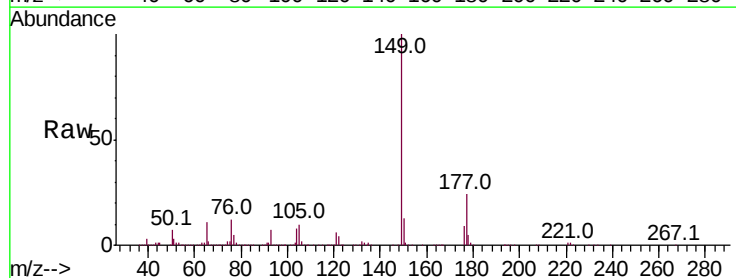
Instrument :
 BNA_G
 ClientSampleId :

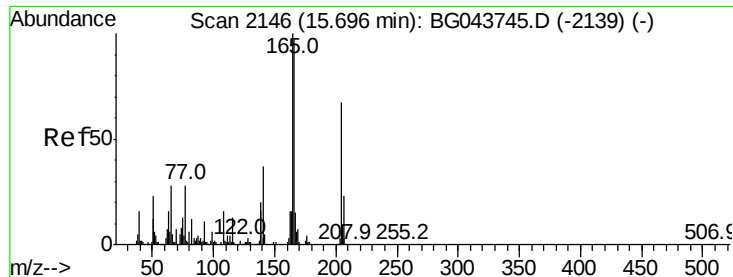
Tot Ion:	232	Resp:	185487
Ion	Ratio	Lower	Upper
232	100		
131	38.4	27.0	40.6
130	2.4	1.6	2.4
166	30.1	18.2	27.2#



#60
 Diethylphthalate
 Concen: 54.833 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG043746.D
 Acq: 22 Nov 2019 17:45

Tgt Ion:	149	Resp:	704587
Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.3	28.9
150	13.5	11.1	16.7

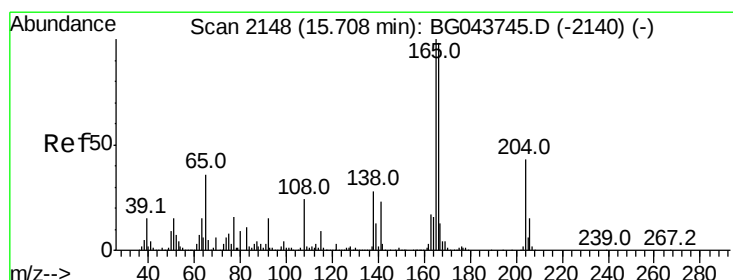
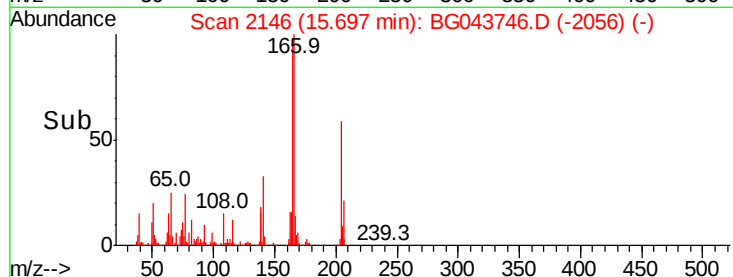
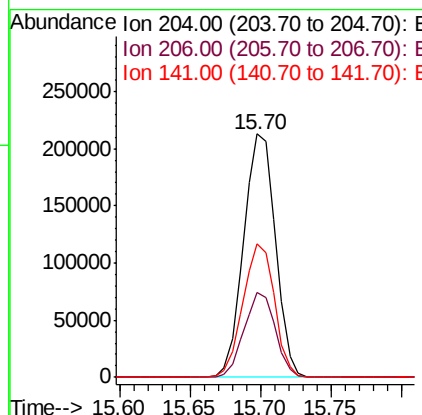
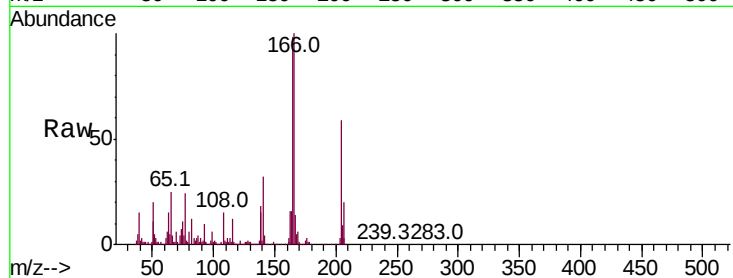




#61
4-Chlorophenyl-phenylether
Concen: 46.731 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

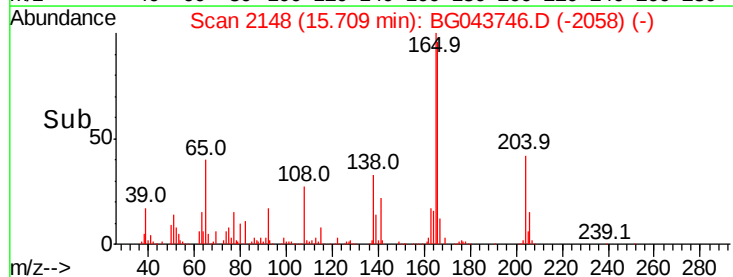
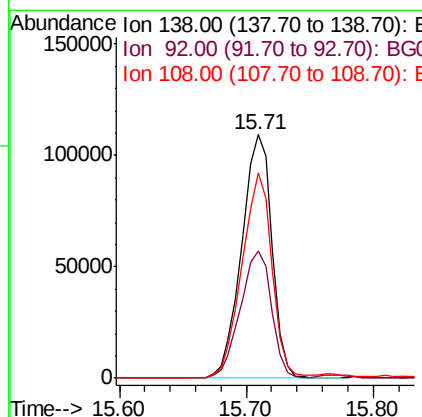
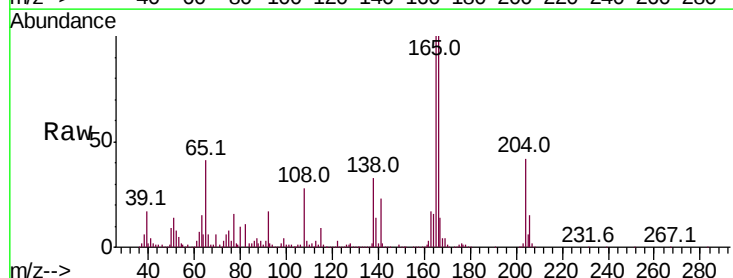
Instrument :
BNA_G
ClientSampleId :

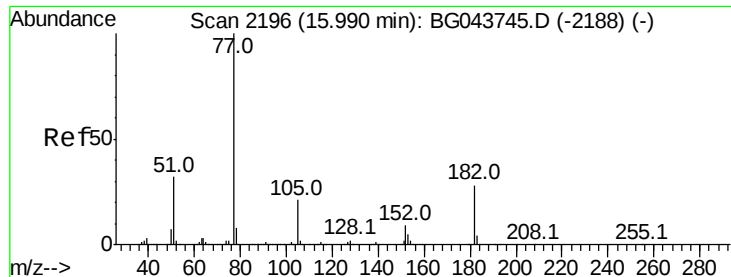
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	27.4	41.0
141	55.0	44.3	66.5



#62
4-Nitroaniline
Concen: 65.411 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.2	34.6	74.6
108	84.2	65.7	105.7





#63

Azobenzene

Concen: 60.728 ng

RT: 15.99 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 631542

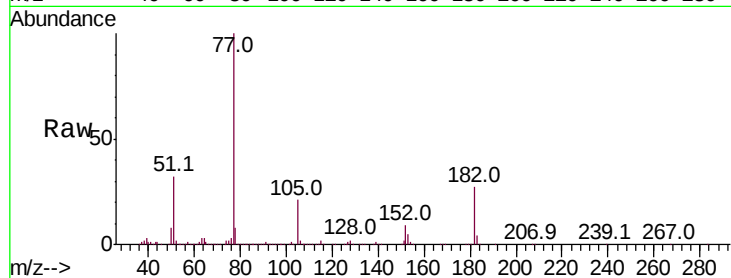
Ion Ratio Lower Upper

77 100

182 27.4 7.6 47.6

105 20.7 0.7 40.7

51 32.2 12.1 52.1

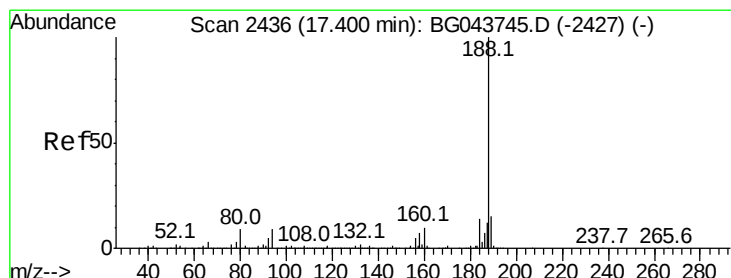
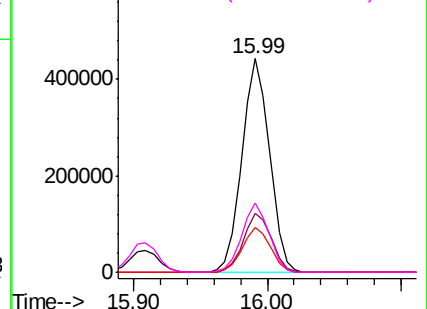
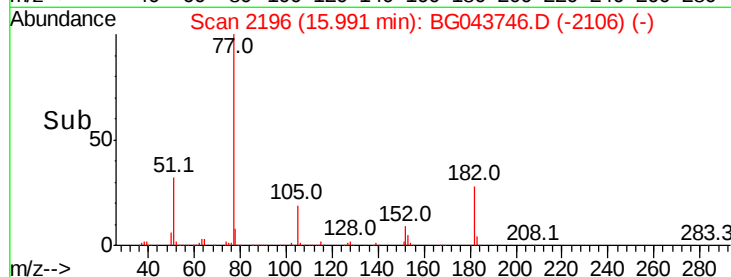


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

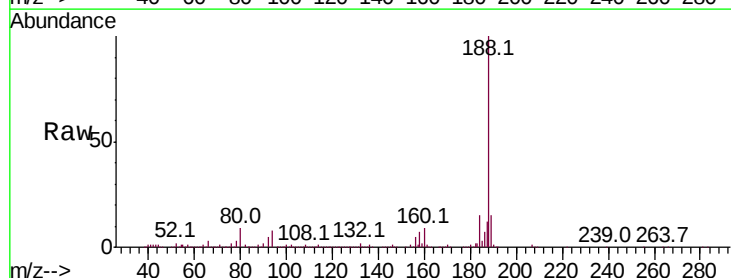
Tgt Ion: 188 Resp: 450512

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

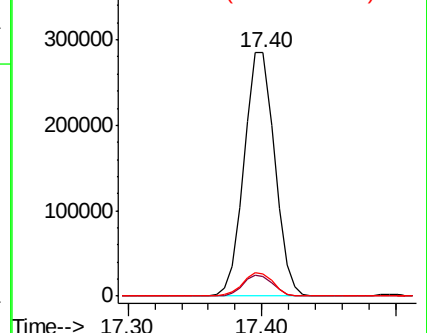
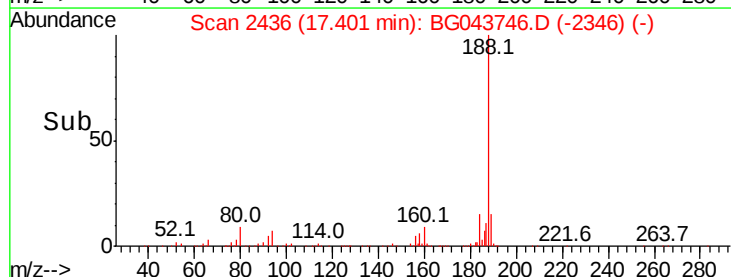
80 9.3 7.5 11.3

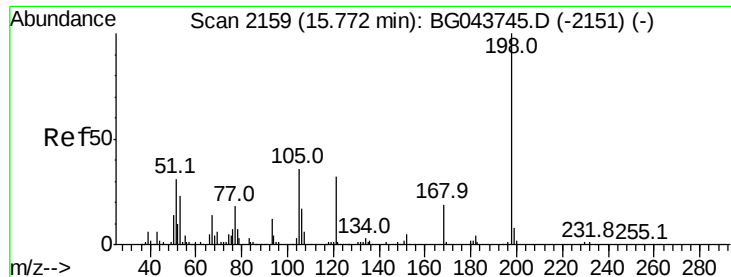


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 30.308 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Instrument :

BNA_G

ClientSampleId :

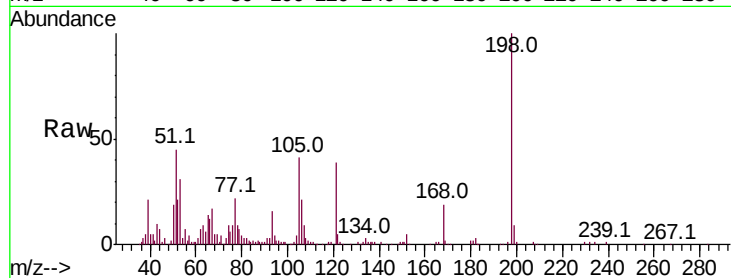
Tot Ion:198 Resp: 80355

Ion Ratio Lower Upper

198 100

51 44.8 16.8 56.8

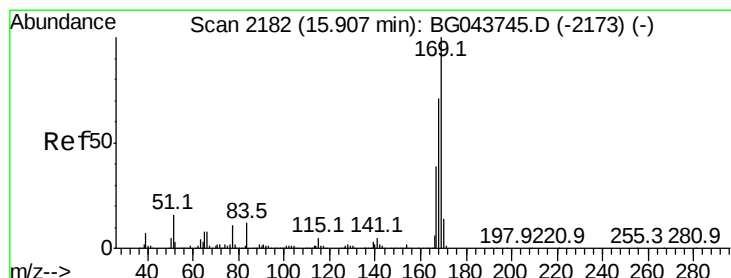
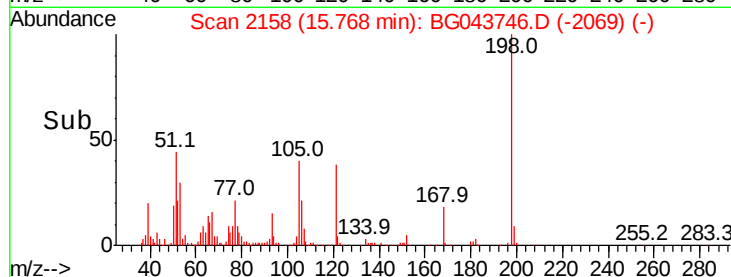
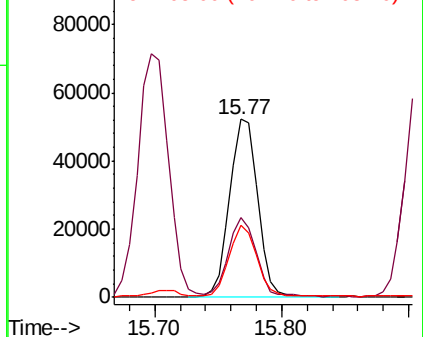
105 40.8 17.3 57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.946 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

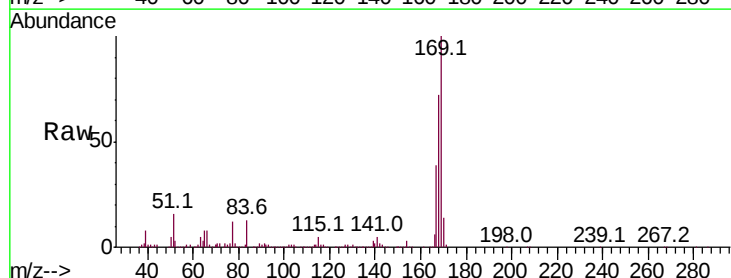
Tgt Ion:169 Resp: 584389

Ion Ratio Lower Upper

169 100

168 72.2 56.6 85.0

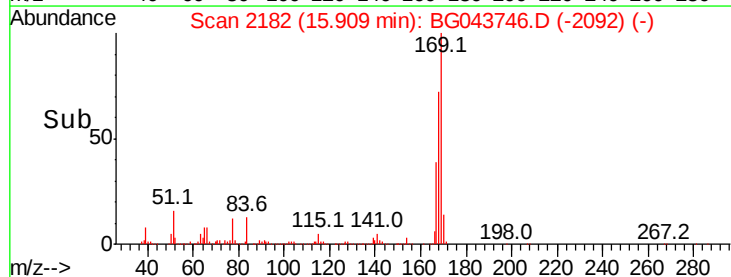
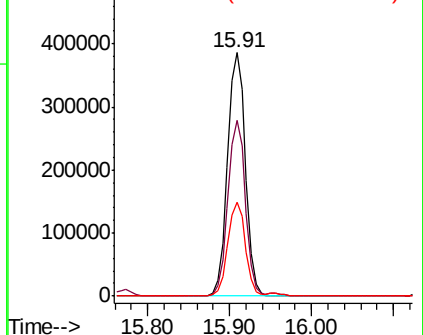
167 38.6 30.8 46.2

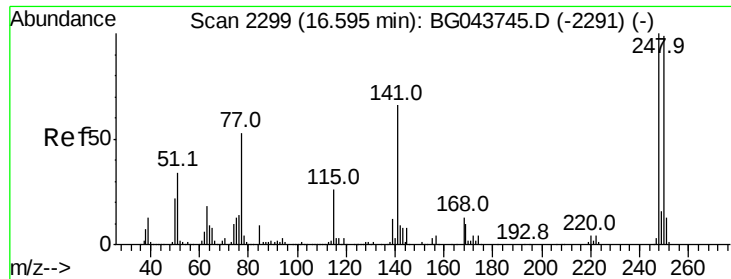


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

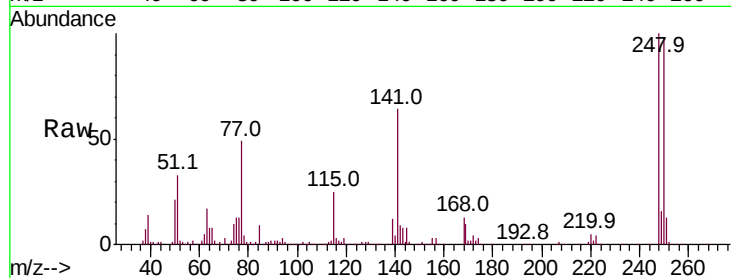




#67
4-Bromophenyl-phenylether
Concen: 38.088 ng
RT: 16.60 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	79.3	118.9
141	64.1	53.0	79.6

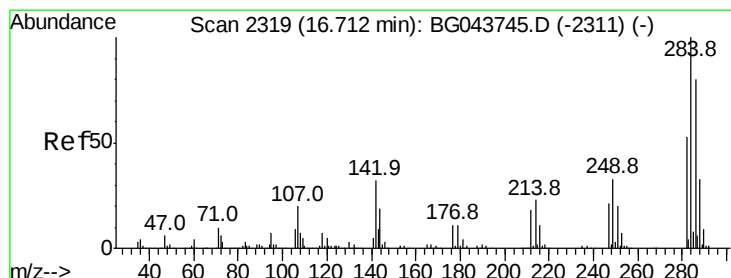
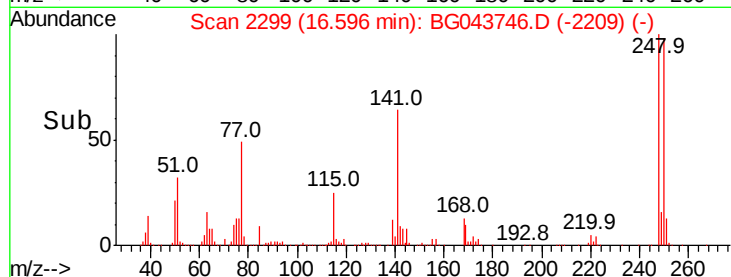
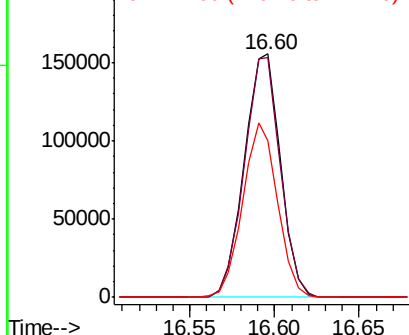


Abundance

Ion 248.00 (247.70 to 248.70): E

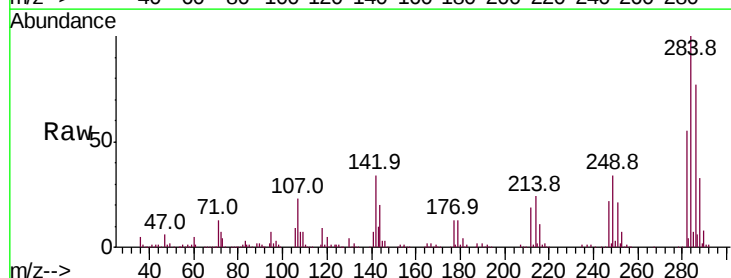
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.344 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	25.4	38.0
249	34.4	26.2	39.4

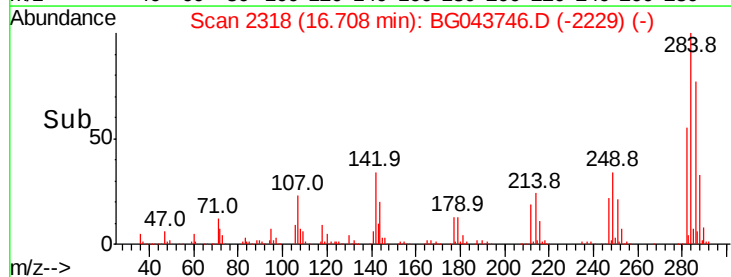
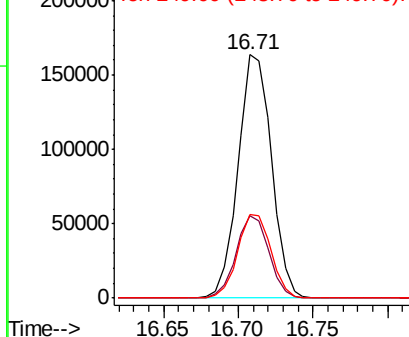


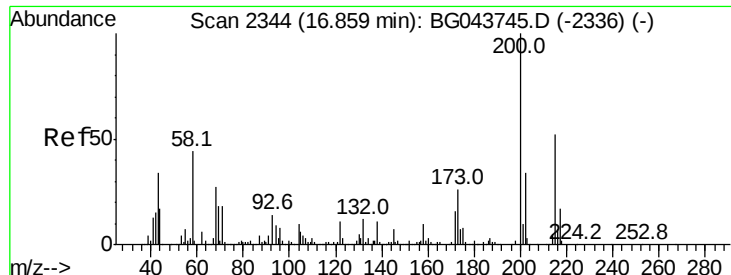
Abundance

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

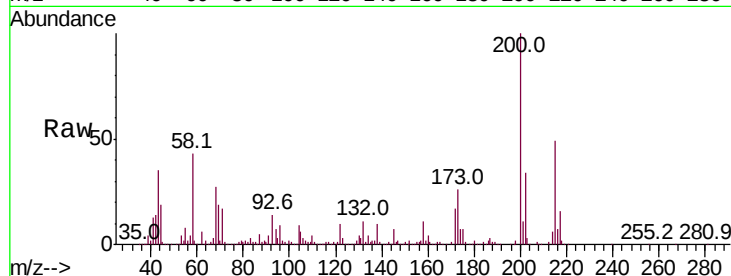




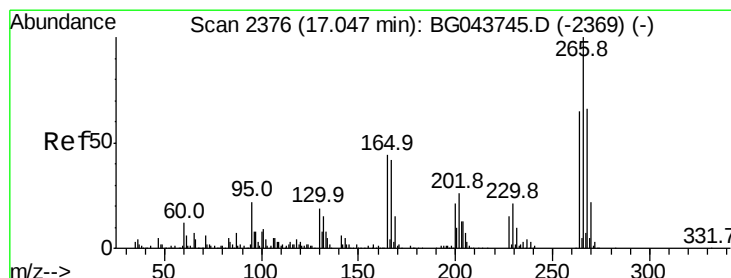
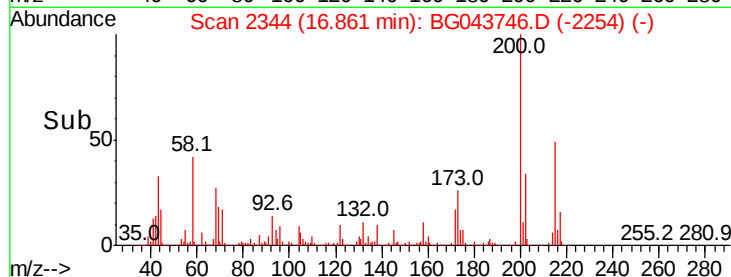
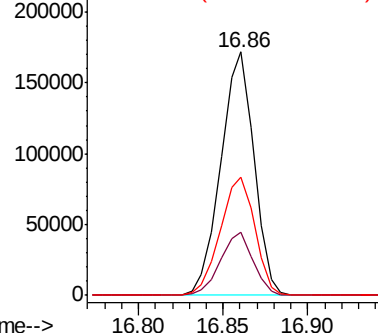
#69
Atrazine
Concen: 53.353 ng
RT: 16.86 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.0	46.0
215	48.8	32.4	72.4

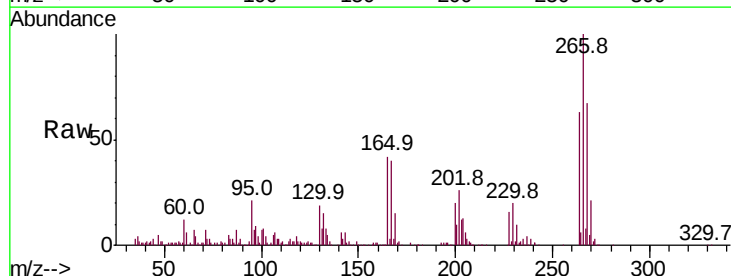


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

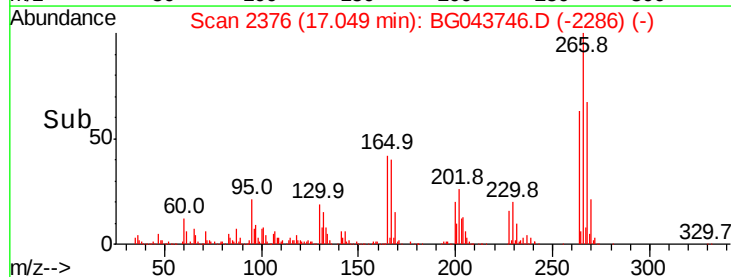
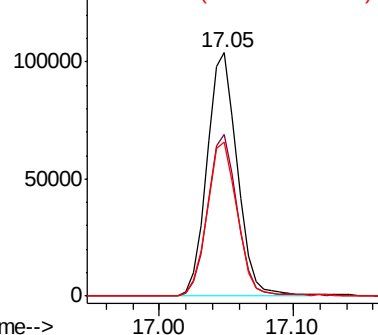


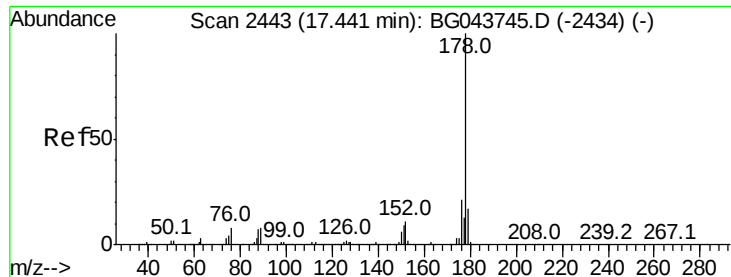
#70
Pentachlorophenol
Concen: 51.572 ng
RT: 17.05 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	52.9	79.3
264	63.0	51.6	77.4



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

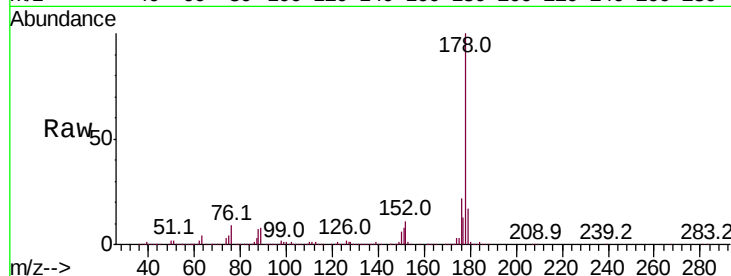




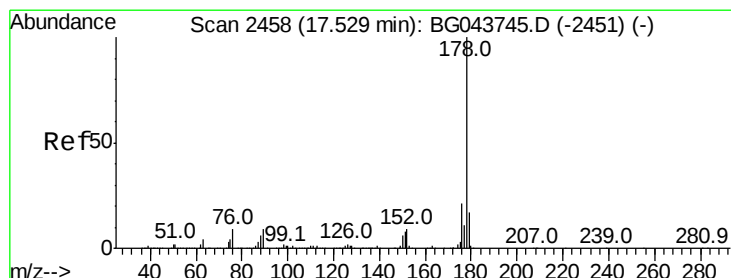
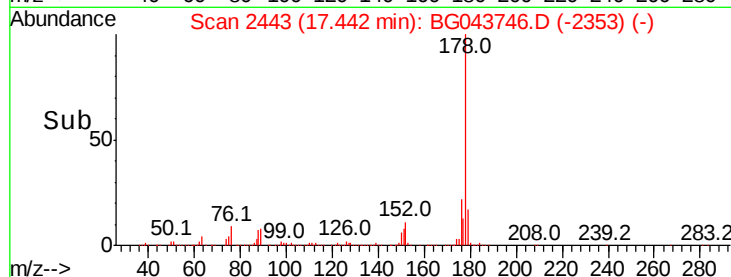
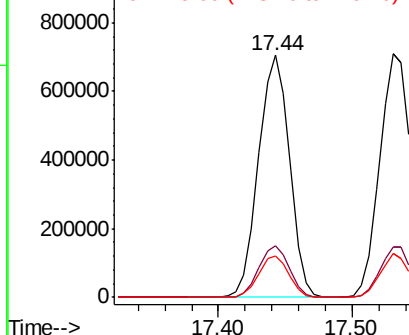
#71
Phenanthrene
Concen: 48.982 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:178 Resp: 1129999
Ion Ratio Lower Upper
178 100
176 21.6 16.9 25.3
179 17.3 13.5 20.3

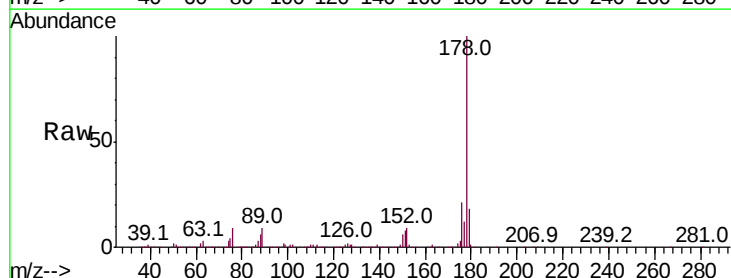


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

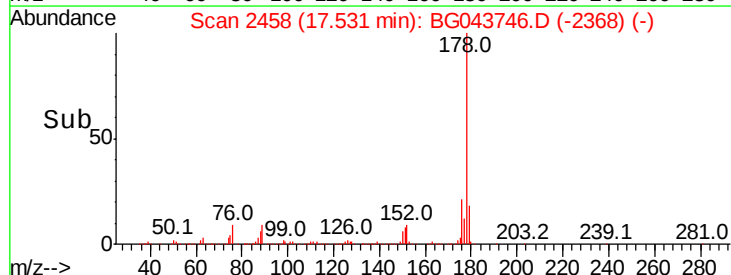
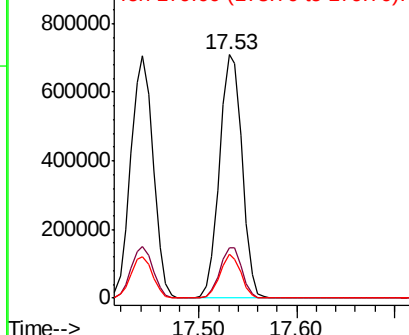


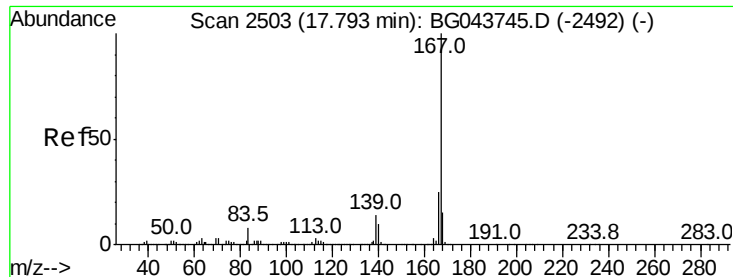
#72
Anthracene
Concen: 49.133 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Tgt Ion:178 Resp: 1134056
Ion Ratio Lower Upper
178 100
176 20.9 16.5 24.7
179 17.8 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



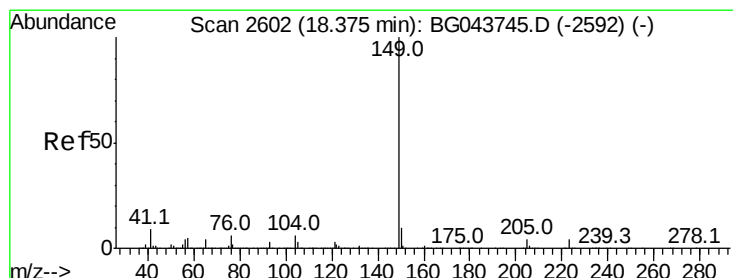
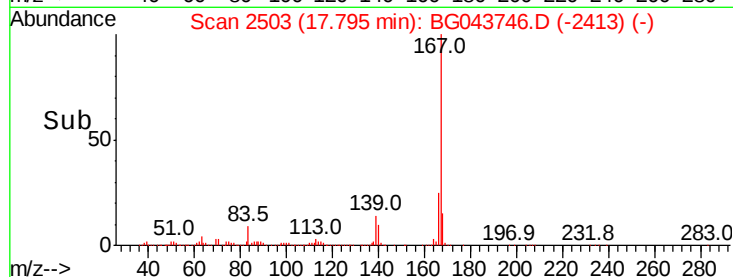
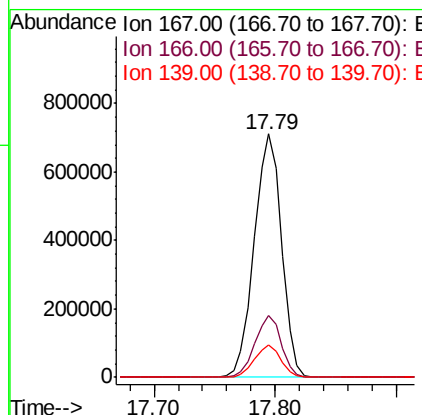
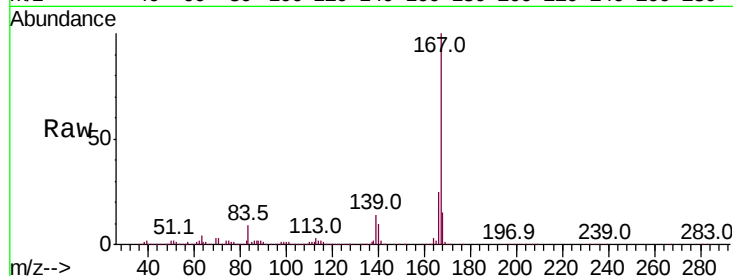


#73
 Carbazole
 Concen: 53.719 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. 0.00 min
 Lab File: BG043746.D
 Acq: 22 Nov 2019 17:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1122845

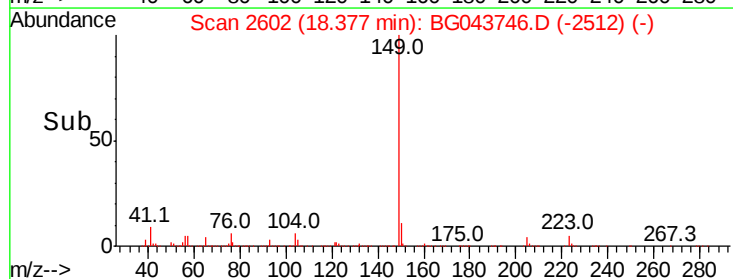
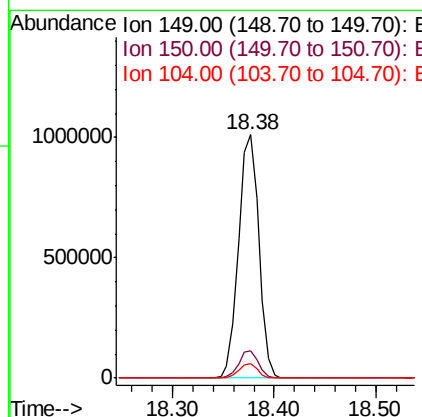
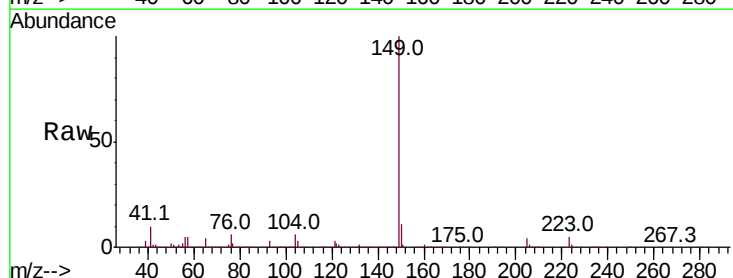
Ion	Ratio	Lower	Upper
167	100		
166	25.3	19.8	29.6
139	13.5	10.9	16.3

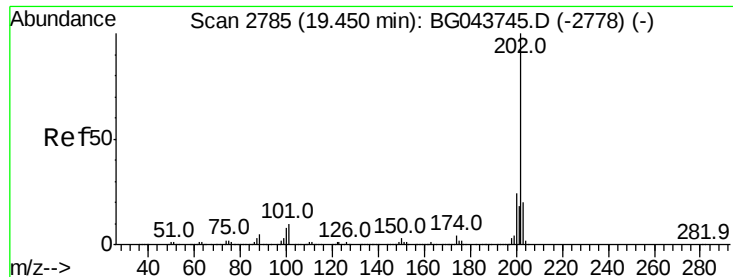


#74
 Di-n-butylphthalate
 Concen: 55.555 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: BG043746.D
 Acq: 22 Nov 2019 17:45

Tgt Ion:149 Resp: 1408959

Ion	Ratio	Lower	Upper
149	100		
150	11.0	8.4	12.6
104	6.1	4.6	7.0





#75

Fluoranthene

Concen: 52.809 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Instrument :

BNA_G

ClientSampled :

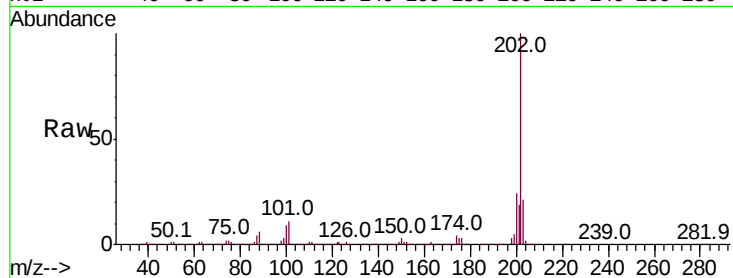
Tot Ion:202 Resp: 1588259

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.1

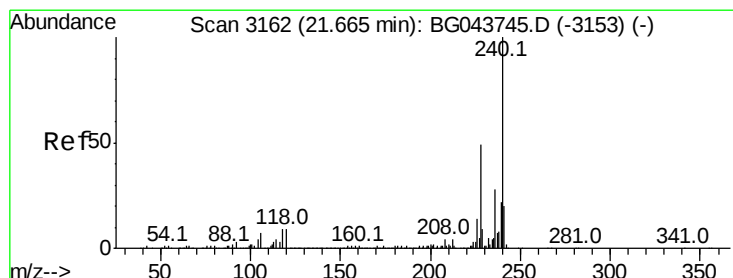
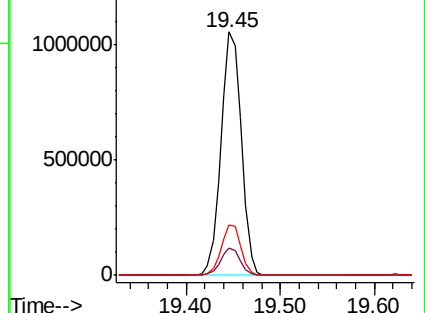
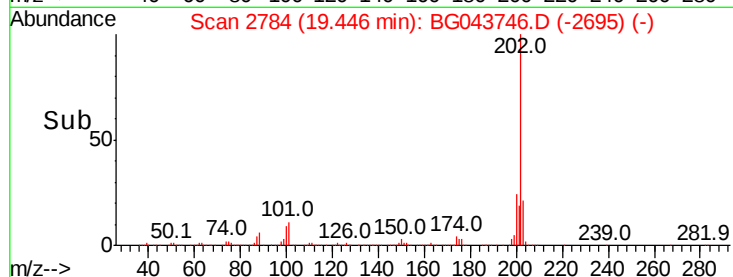
203 20.7 0.0 39.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

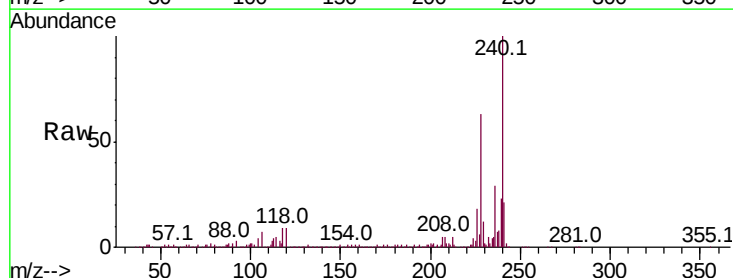
Tgt Ion:240 Resp: 560385

Ion Ratio Lower Upper

240 100

120 9.2 7.5 11.3

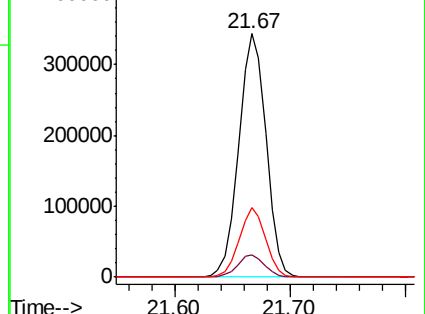
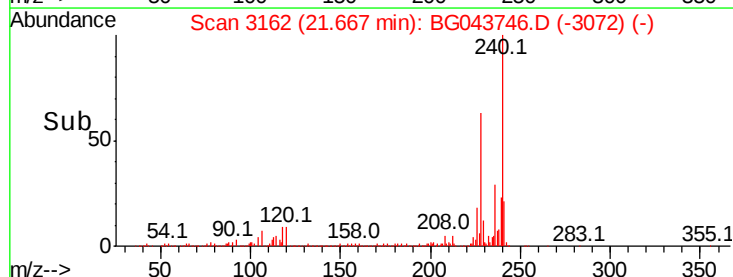
236 28.7 22.6 34.0

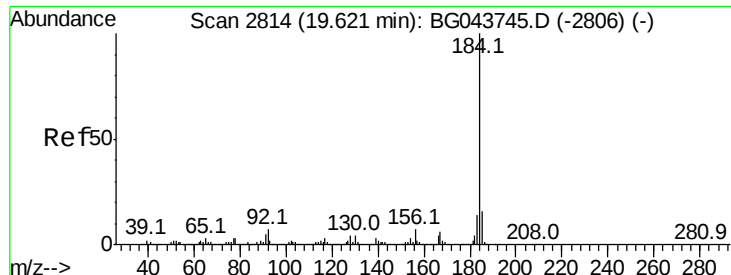


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 75.346 ng

RT: 19.62 min Scan# 2814

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

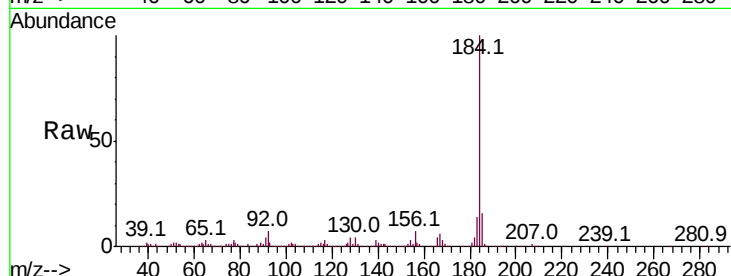
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 849752

Ion	Ratio	Lower	Upper
184	100		
185	16.4	12.8	19.2
183	13.9	11.3	16.9



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

19.62

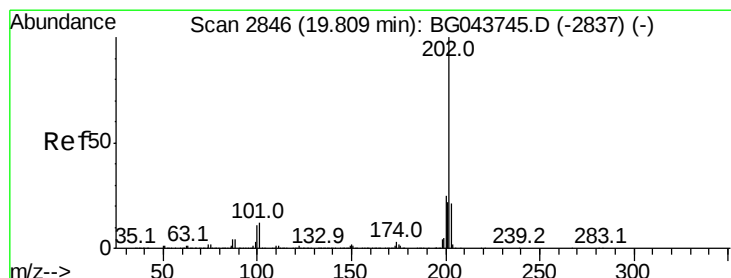
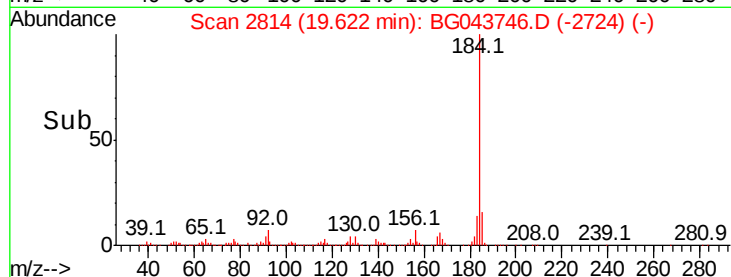
600000

400000

200000

0

Time--> 19.50 19.60 19.70



#78

Pyrene

Concen: 47.227 ng

RT: 19.81 min Scan# 2846

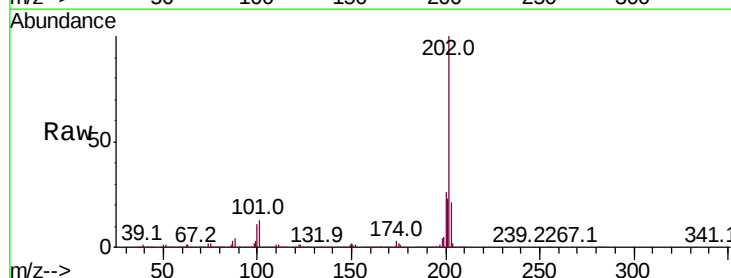
Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Tgt Ion:202 Resp: 1638171

Ion	Ratio	Lower	Upper
202	100		
200	25.8	19.8	29.6
203	21.1	16.6	24.8



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

19.81

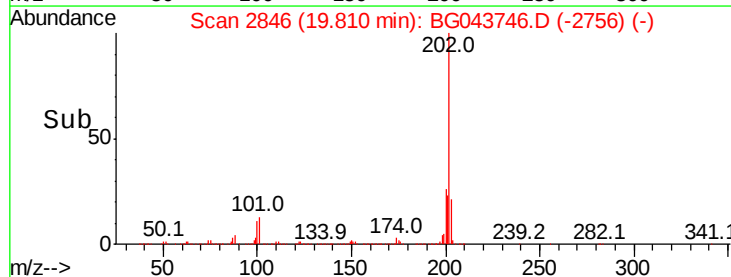
1500000

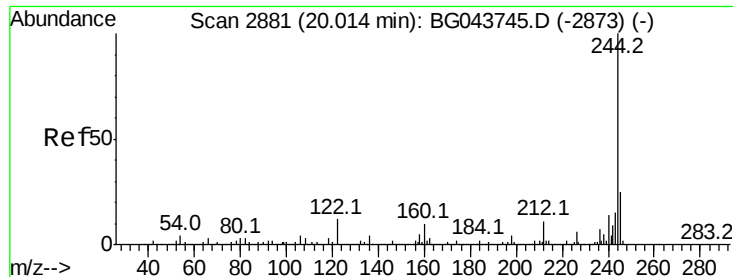
1000000

500000

0

Time--> 19.70 19.80 19.90





#79

Terphenyl-d14

Concen: 75.691 ng

RT: 20.02 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Instrument :

BNA_G

ClientSampleId :

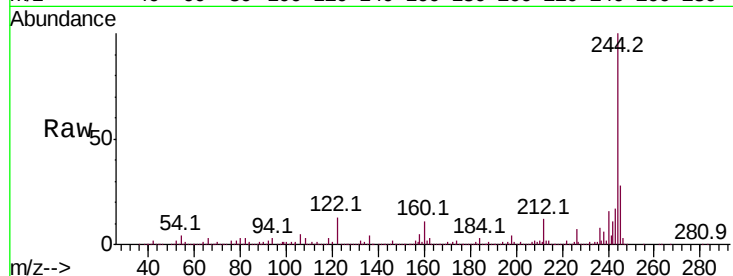
Tot Ion:244 Resp: 2260913

Ion Ratio Lower Upper

244 100

212 11.8 8.5 12.7

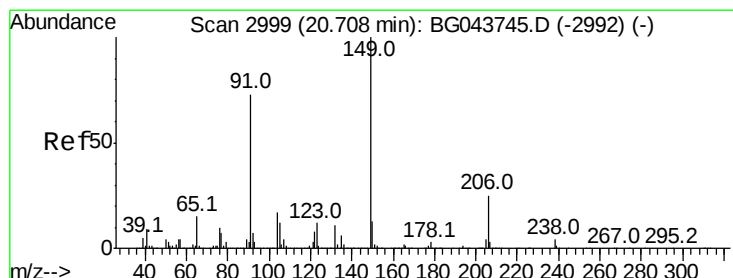
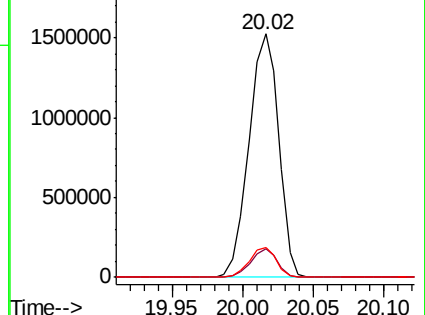
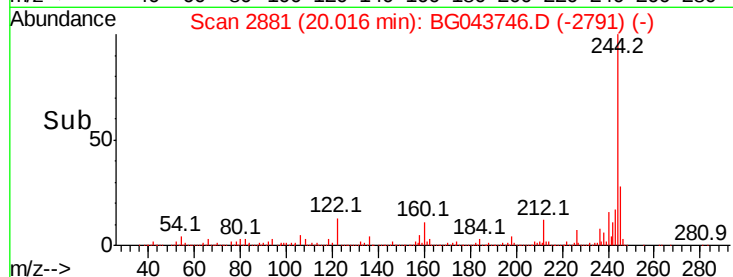
122 12.5 9.5 14.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 64.128 ng

RT: 20.71 min Scan# 2999

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

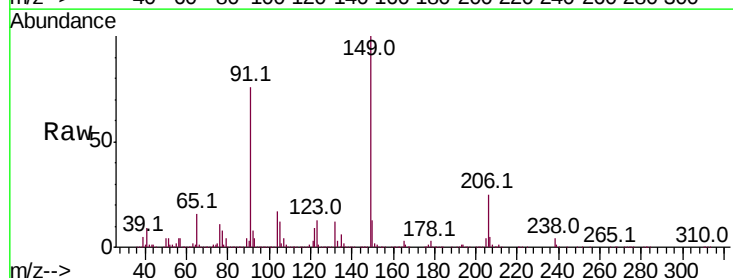
Tgt Ion:149 Resp: 842746

Ion Ratio Lower Upper

149 100

91 75.6 58.8 88.2

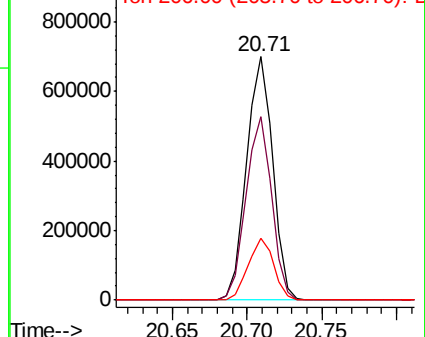
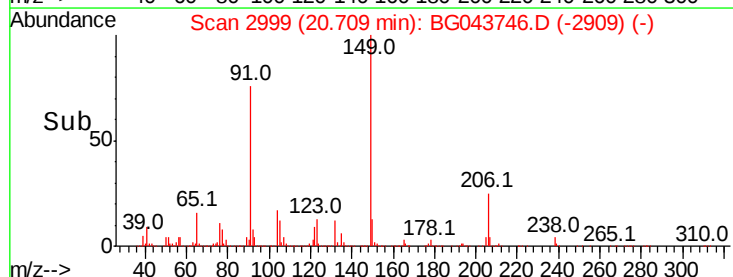
206 25.3 19.8 29.6

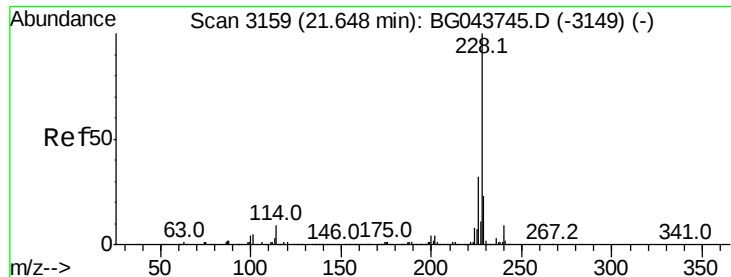


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.974 ng

RT: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

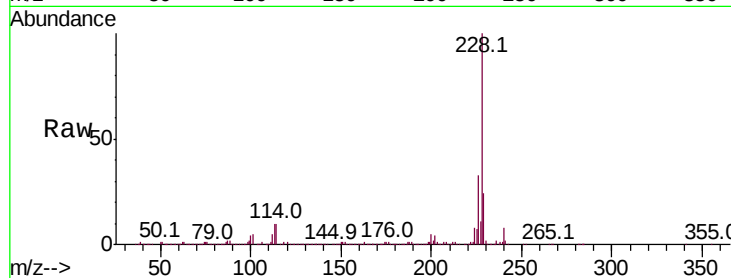
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1824411

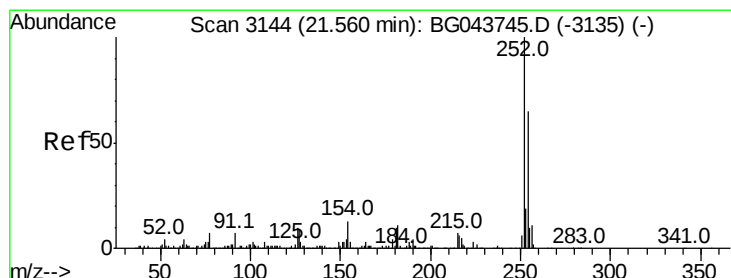
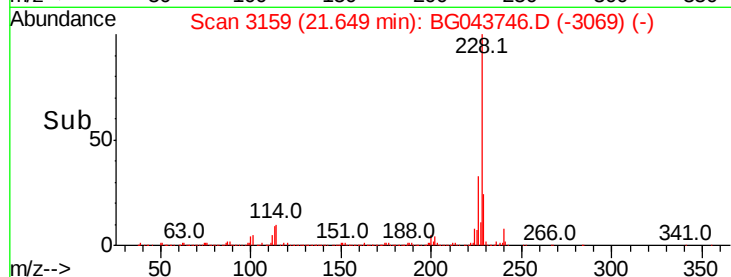
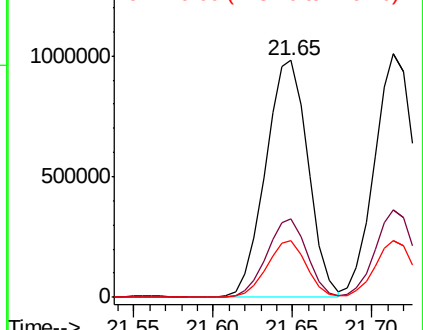
Ion	Ratio	Lower	Upper
228	100		
226	33.3	25.4	38.2
229	23.8	18.1	27.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 47.376 ng

RT: 21.56 min Scan# 3144

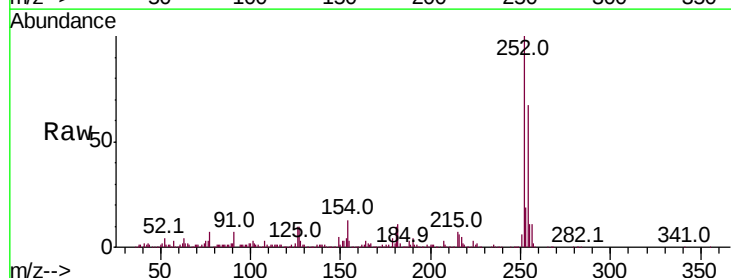
Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Tgt Ion:252 Resp: 643211

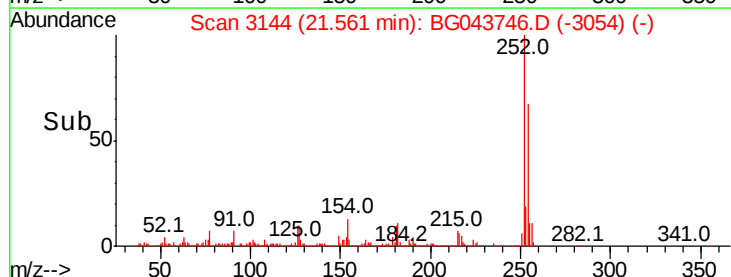
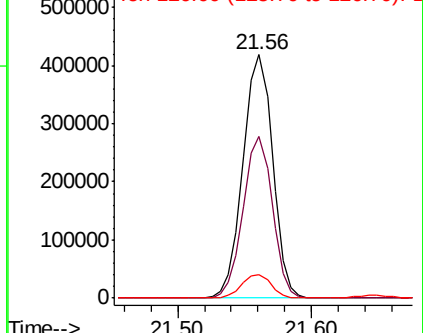
Ion	Ratio	Lower	Upper
252	100		
254	66.5	52.1	78.1
126	9.7	7.8	11.6

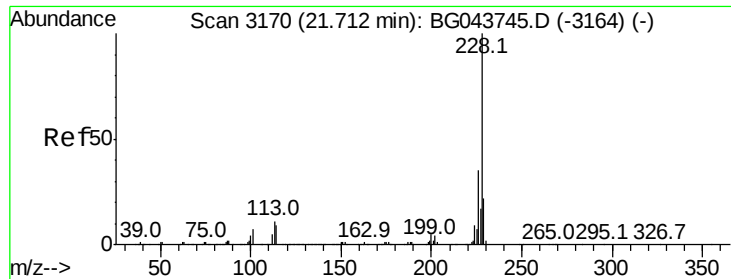


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



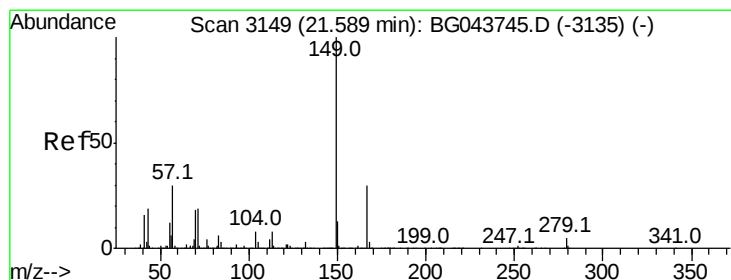
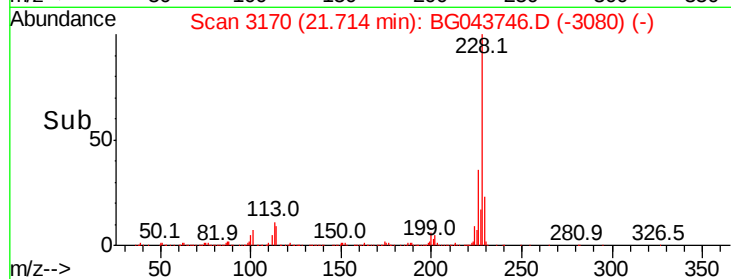
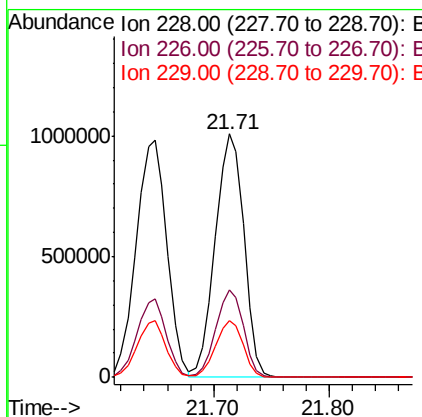
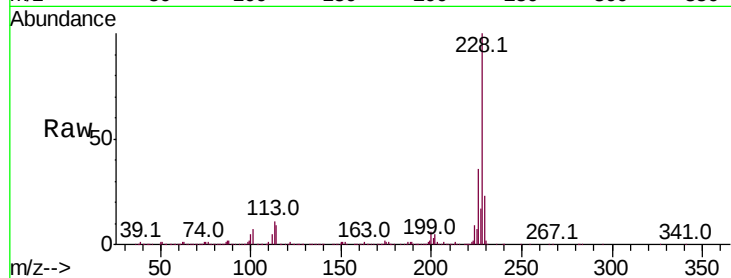


#83
Chrysene
Concen: 49.663 ng
RT: 21.71 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1732066

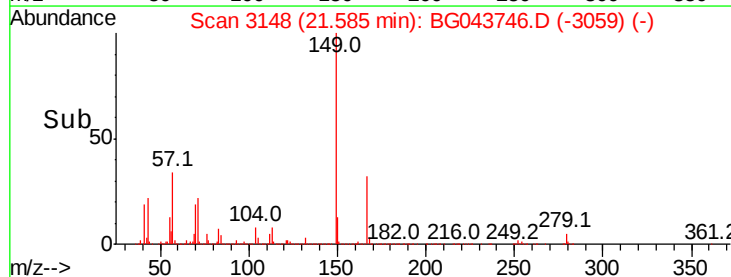
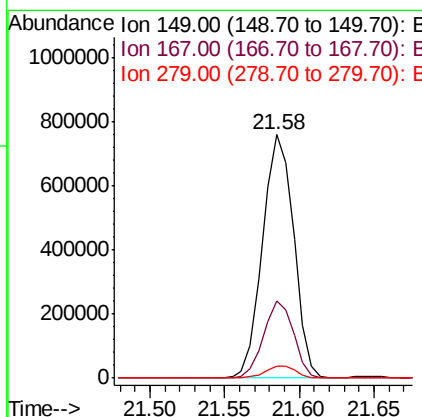
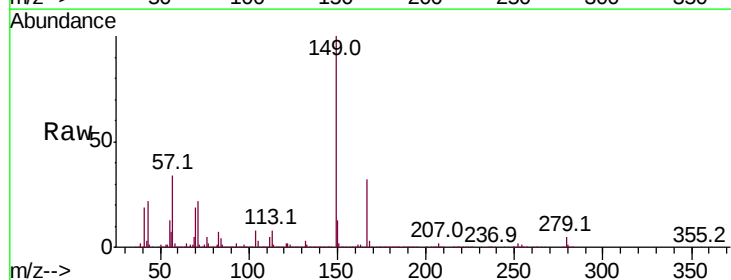
Ion	Ratio	Lower	Upper
228	100		
226	36.2	27.8	41.8
229	23.4	17.9	26.9

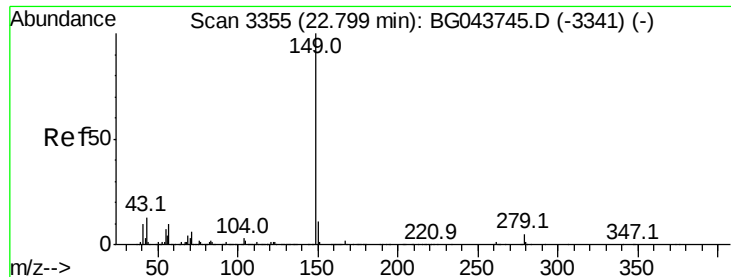


#84
Bis(2-ethylhexyl)phthalate
Concen: 58.688 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Tgt Ion:149 Resp: 1095577

Ion	Ratio	Lower	Upper
149	100		
167	31.9	23.8	35.6
279	5.1	4.0	6.0

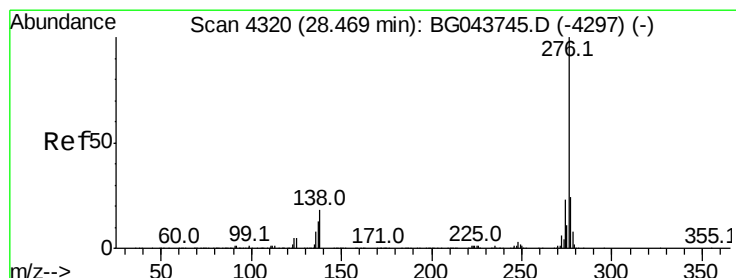
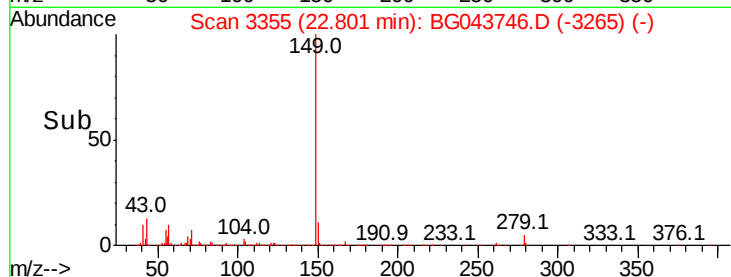
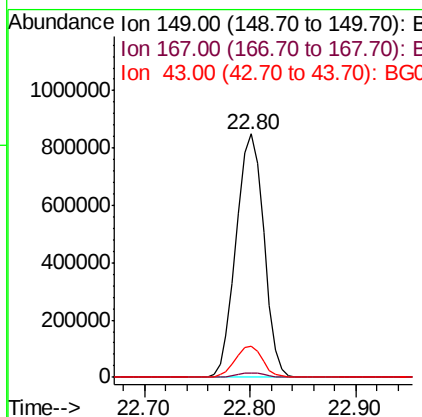
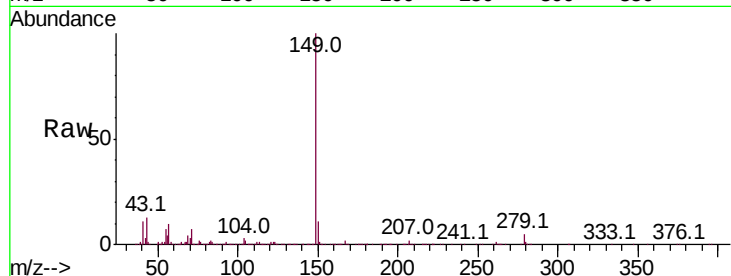




#85
Di-n-octyl phthalate
Concen: 48.687 ng
RT: 22.80 min Scan# 3355
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

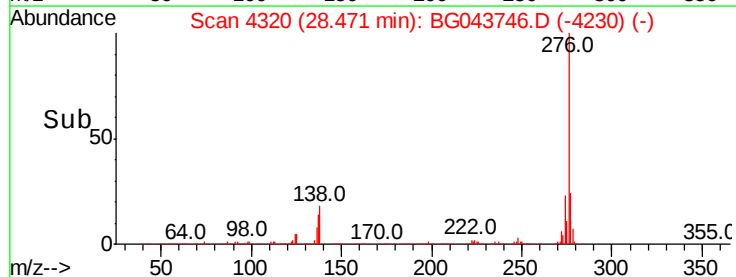
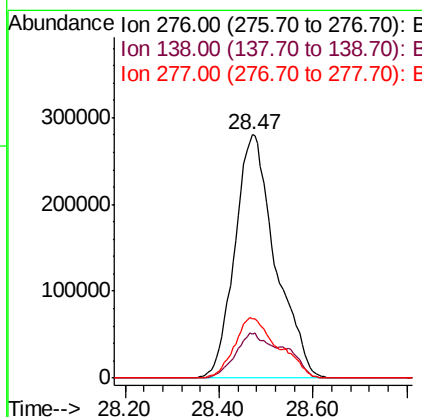
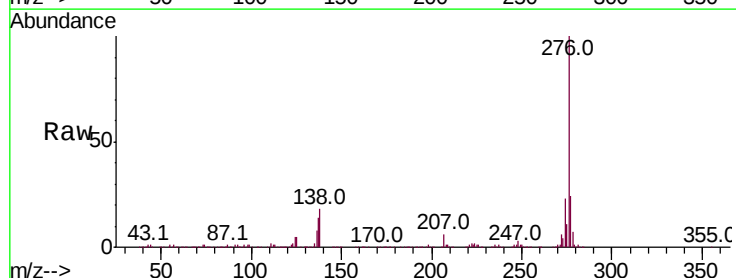
Instrument :
BNA_G
ClientSampled :

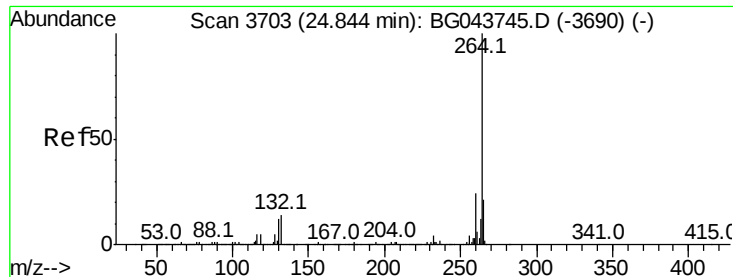
Tot Ion:149 Resp: 1541981
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 12.2 9.8 14.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.257 ng
RT: 28.47 min Scan# 4320
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Tgt Ion:276 Resp: 1674831
Ion Ratio Lower Upper
276 100
138 22.2 14.5 21.7#
277 26.7 21.1 31.7

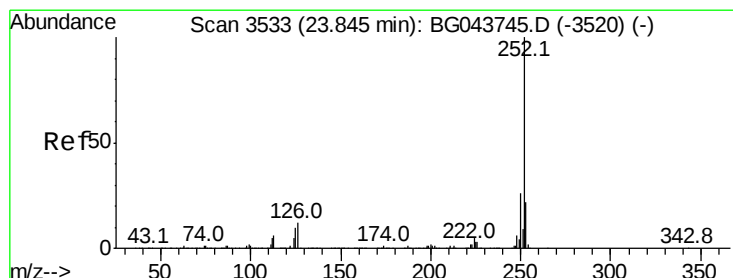
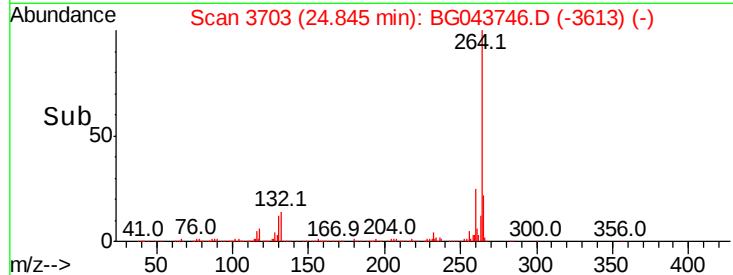
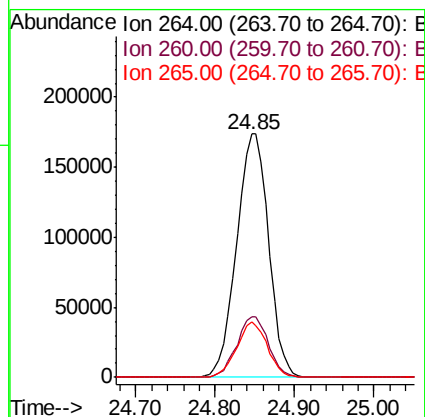
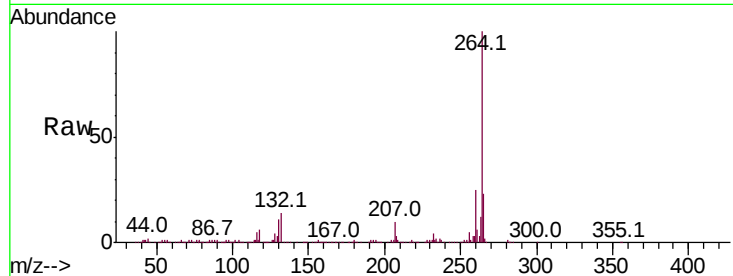




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3703
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

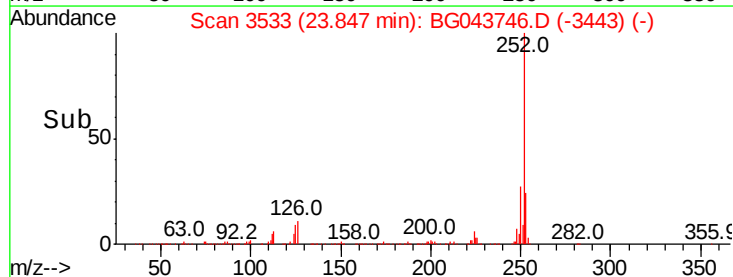
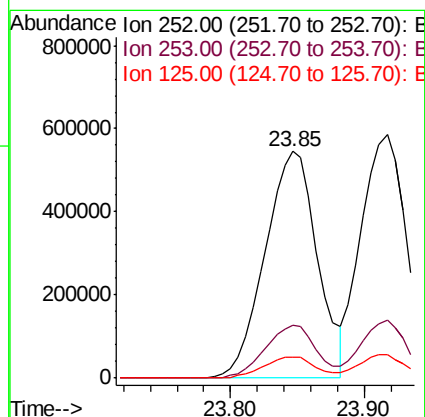
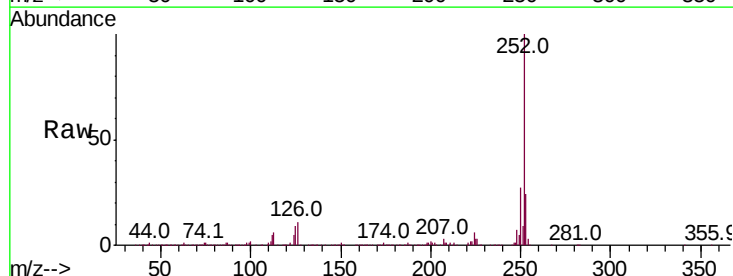
Instrument :
BNA_G
ClientSampleId :

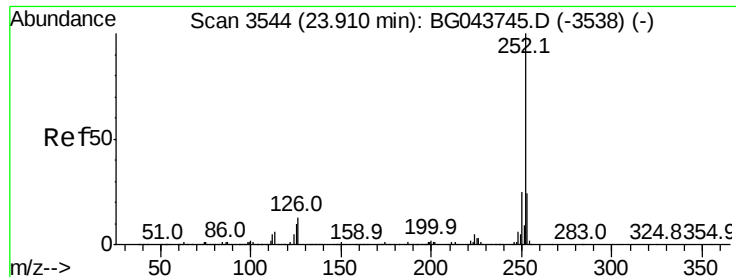
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.6	17.0	25.6



#88
Benzo(b)fluoranthene
Concen: 53.968 ng
RT: 23.85 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	9.4	8.0	12.0

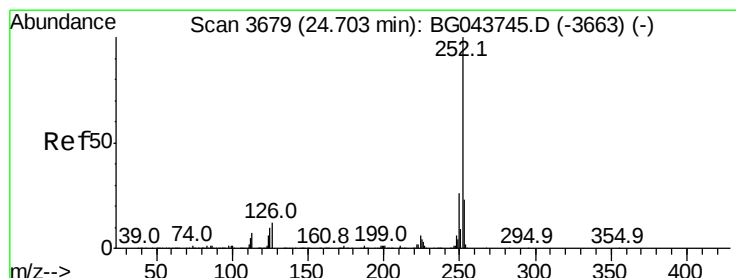
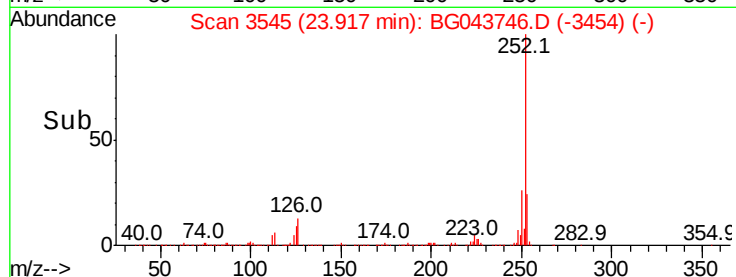
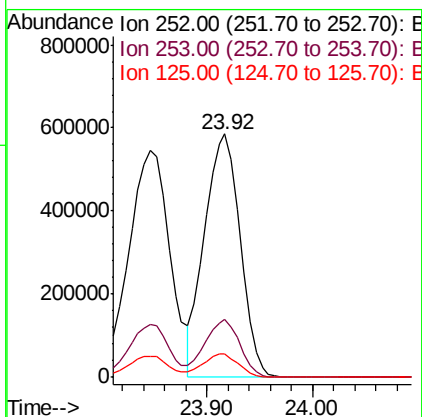
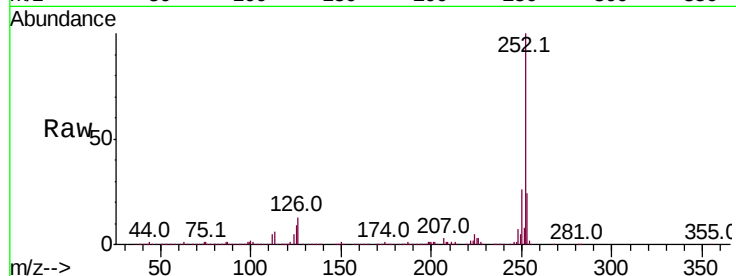




#89
Benzo(k)fluoranthene
Concen: 49.547 ng
RT: 23.92 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

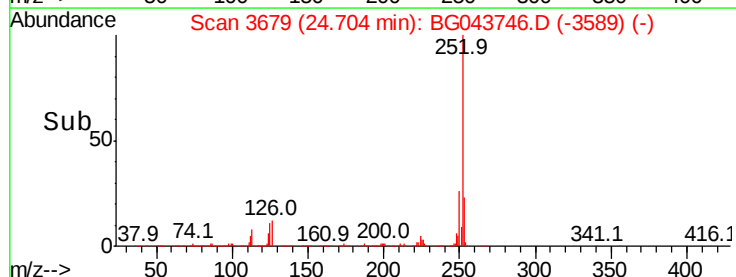
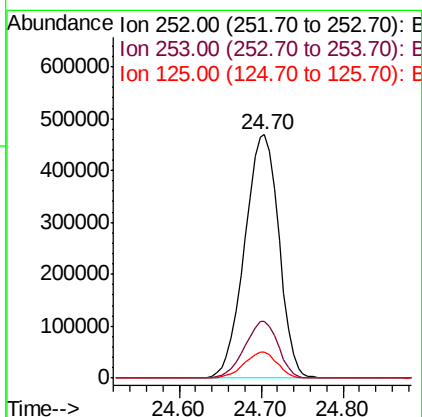
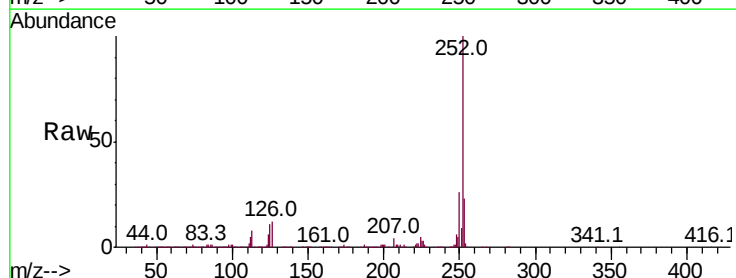
Instrument :
BNA_G
ClientSampleId :

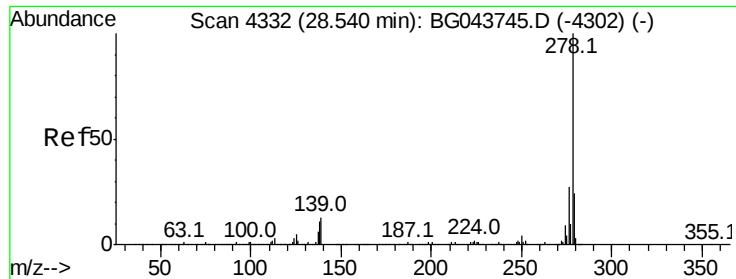
Tot Ion:252 Resp: 1370124
Ion Ratio Lower Upper
252 100
253 23.8 18.8 28.2
125 9.4 7.7 11.5



#90
Benzo(a)pyrene
Concen: 51.980 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG043746.D
Acq: 22 Nov 2019 17:45

Tgt Ion:252 Resp: 1363476
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.4
125 10.7 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 50.468 ng

RT: 28.54 min Scan# 4332

Delta R.T. 0.00 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

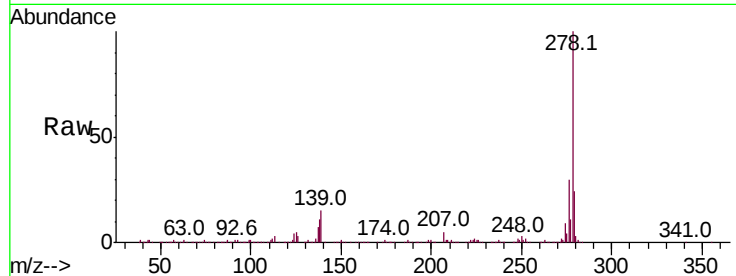
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1354070

Ion	Ratio	Lower	Upper
278	100		
139	14.7	10.4	15.6
279	24.5	19.3	28.9

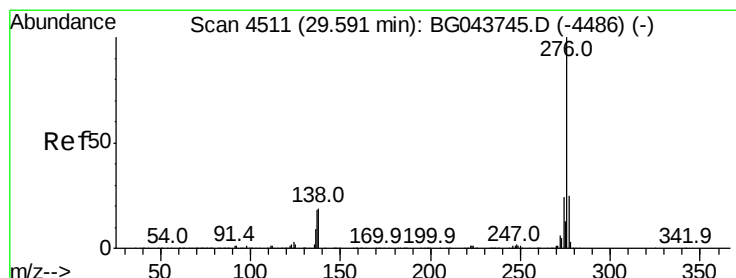
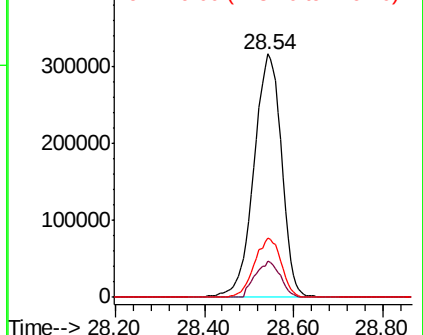
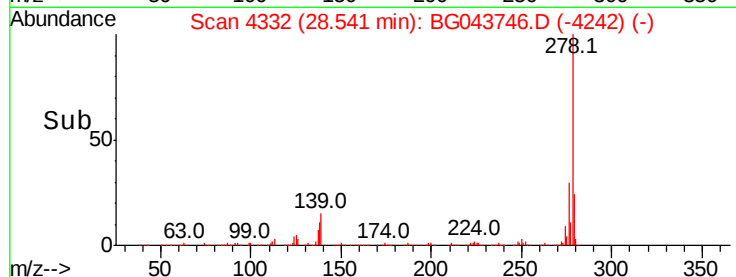


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.476 ng

RT: 29.60 min Scan# 4513

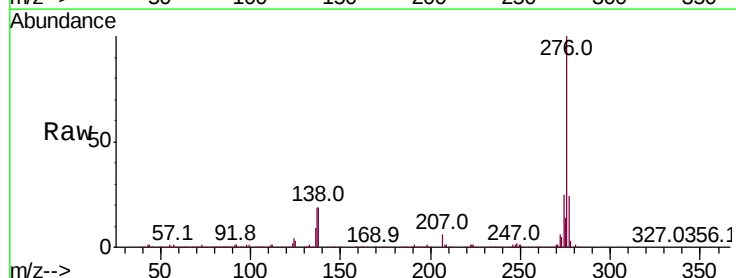
Delta R.T. 0.01 min

Lab File: BG043746.D

Acq: 22 Nov 2019 17:45

Tgt Ion:276 Resp: 1335846

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.7	29.5
138	19.1	14.9	22.3



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

