

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112219\
 Data File : BG043743.D
 Acq On : 22 Nov 2019 15:48
 Operator : JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 22 23:59:10 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	8.04	152	11809	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	47248	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	34245	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	138484	20.00	ng	0.00
76) Chrysene-d12	21.67	240	437424	20.00	ng	0.00
87) Perylene-d12	24.85	264	551652	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	13340	20.70	ng	0.00
7) Phenol-d6	7.19	99	19782	21.34	ng	0.00
23) Nitrobenzene-d5	9.19	82	16640	18.16	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	10343	15.87	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	46364	18.71	ng	0.00
79) Terphenyl-d14	20.02	244	348920	14.96	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	2406	9.581	ng	# 69
3) Pyridine	3.93	79	4545	7.175	ng	# 84
4) n-Nitrosodimethylamine	3.81	42	222	0.694	ng	# 1
6) Aniline	7.35	93	13336	12.486	ng	# 87
8) 2-Chlorophenol	7.59	128	8078	11.355	ng	91
9) Benzaldehyde	7.17	77	8591	18.854	ng	95
10) Phenol	7.22	94	9836	11.609	ng	88
11) bis(2-Chloroethyl)ether	7.46	93	8937	13.643	ng	91
12) 1,3-Dichlorobenzene	7.94	146	9492	10.650	ng	97
13) 1,4-Dichlorobenzene	7.94	146	9492	10.526	ng	95
14) 1,2-Dichlorobenzene	8.39	146	9109	10.345	ng	93
15) Benzyl Alcohol	8.27	79	7726	11.865	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	8.56	45	14768	15.504	ng	88
17) 2-Methylphenol	8.47	107	7414	12.003	ng	# 84
18) Hexachloroethane	9.12	117	3652	11.225	ng	92
19) n-Nitroso-di-n-propylamine	8.83	70	8529	14.236	ng	96
20) 3+4-Methylphenols	8.79	107	9584	11.316	ng	89
22) Acetophenone	8.85	105	14945	12.352	ng	# 91
24) Nitrobenzene	9.22	77	9843	11.274	ng	# 85
25) Isophorone	9.76	82	21045	12.560	ng	# 95
26) 2-Nitrophenol	9.95	139	2293	5.440	ng	# 84
27) 2,4-Dimethylphenol	10.00	122	6374	10.551	ng	93
28) bis(2-Chloroethoxy)methane	10.24	93	12983	14.039	ng	96
29) 2,4-Dichlorophenol	10.47	162	6609	8.538	ng	90
30) 1,2,4-Trichlorobenzene	10.70	180	8954	9.178	ng	98
31) Naphthalene	10.89	128	26056	10.864	ng	97
32) Benzoic acid	10.00	122	6374	15.040	ng	# 20
33) 4-Chloroaniline	10.98	127	12050	12.257	ng	97
34) Hexachlorobutadiene	11.19	225	5486	7.607	ng	# 90
35) Caprolactam	11.72	113	3473	13.028	ng	# 62
36) 4-Chloro-3-methylphenol	12.10	107	9100	10.778	ng	# 84
37) 2-Methylnaphthalene	12.49	142	18215	9.899	ng	97
38) 1-Methylnaphthalene	12.71	142	17411	9.944	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	10422	8.223	ng	97

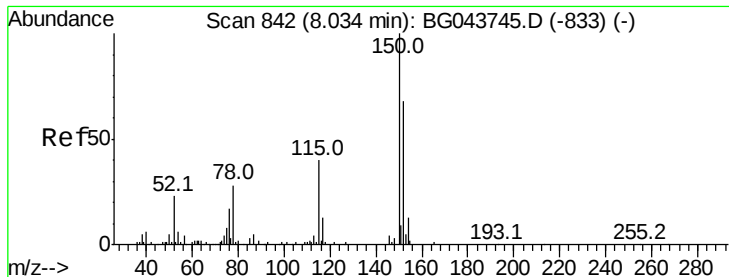
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	4755	7.142	ng	92
43) 2,4,6-Trichlorophenol	13.09	196	6181	8.282	ng	86
44) 2,4,5-Trichlorophenol	13.15	196	6733	8.923	ng	100
46) 1,1'-Biphenyl	13.49	154	25302	9.712	ng	93
47) 2-Chloronaphthalene	13.53	162	19660	9.918	ng	95
48) 2-Nitroaniline	13.72	65	5251	8.863	ng	94
49) Acenaphthylene	14.38	152	35427	11.484	ng	95
50) Dimethylphthalate	14.11	163	36426	13.733	ng	98
51) 2,6-Dinitrotoluene	14.21	165	4542	7.882	ng	97
52) Acenaphthene	14.72	154	21934	11.659	ng	97
53) 3-Nitroaniline	14.54	138	6290	11.306	ng	# 84
54) 2,4-Dinitrophenol	14.75	184	1780	5.851	ng	# 88
55) Dibenzofuran	15.06	168	37712	12.361	ng	94
56) 4-Nitrophenol	14.84	139	6596	17.691	ng	94
57) 2,4-Dinitrotoluene	15.00	165	6741	8.185	ng	# 92
58) Fluorene	15.70	166	33167	12.962	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	8865	11.058	ng	# 87
60) Diethylphthalate	15.47	149	42435	15.922	ng	97
61) 4-Chlorophenyl-phenylether	15.70	204	16759	11.227	ng	92
62) 4-Nitroaniline	15.70	138	9641	16.779	ng	# 81
63) Azobenzene	15.99	77	34939	16.198	ng	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	3081	3.780	ng	91
66) n-Nitrosodiphenylamine	15.91	169	33565	8.585	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	11988	6.432	ng	86
68) Hexachlorobenzene	16.71	284	14902	6.966	ng	94
69) Atrazine	16.85	200	19809	14.581	ng	95
70) Pentachlorophenol	17.05	266	8965	9.197	ng	96
71) Phenanthrene	17.44	178	81156	11.444	ng	93
72) Anthracene	17.54	178	84920	11.969	ng	98
73) Carbazole	17.79	167	102244	15.913	ng	95
74) Di-n-butylphthalate	18.38	149	149440	19.169	ng	98
75) Fluoranthene	19.45	202	183005	19.795	ng	95
77) Benzidine	19.62	184	122569	13.923	ng	96
78) Pyrene	19.81	202	199969	7.385	ng	95
80) Butylbenzylphthalate	20.71	149	129402	12.615	ng	100
81) Benzo(a)anthracene	21.64	228	337302	12.310	ng	95
82) 3,3'-Dichlorobenzidine	21.56	252	137960	13.018	ng	99
83) Chrysene	21.71	228	316913	11.641	ng	93
84) Bis(2-ethylhexyl)phthalate	21.59	149	238897	16.395	ng	99
85) Di-n-octyl phthalate	22.81	149	373516	15.109	ng	98
86) Indeno(1,2,3-cd)pyrene	28.46	276	334426	9.786	ng	98
88) Benzo(b)fluoranthene	23.84	252	375406	12.015	ng	98
89) Benzo(k)fluoranthene	23.91	252	363099	11.544	ng	96
90) Benzo(a)pyrene	24.70	252	343177	11.502	ng	98
91) Dibenzo(a,h)anthracene	28.53	278	276976	9.076	ng	98
92) Benzo(g,h,i)perylene	29.59	276	266541	8.854	ng	99

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

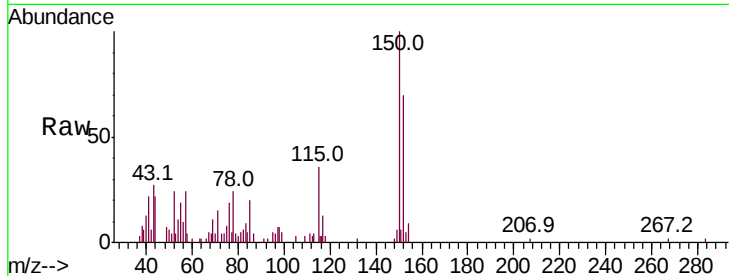


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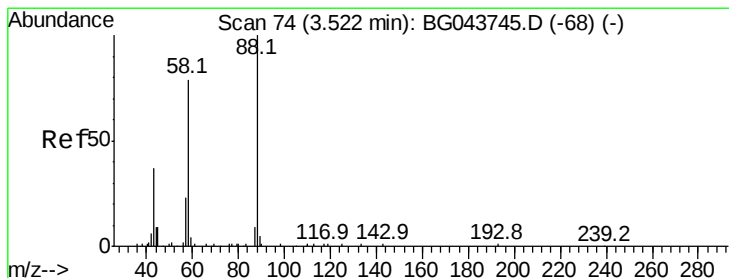
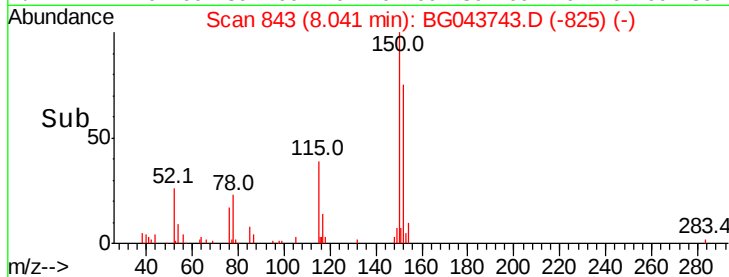
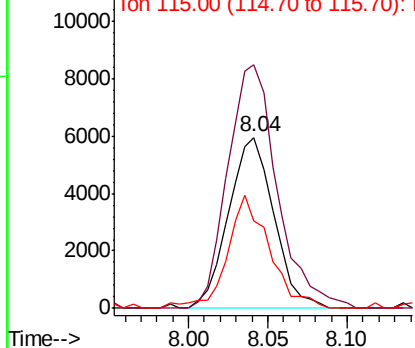
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. 0.01 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.2	117.8	176.8
115	51.3	47.0	70.4



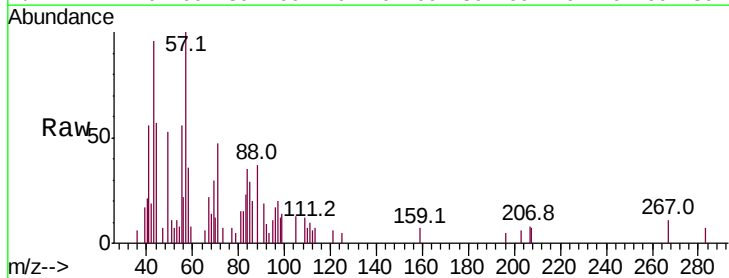
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



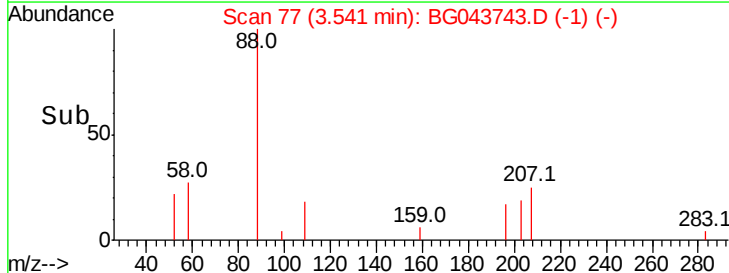
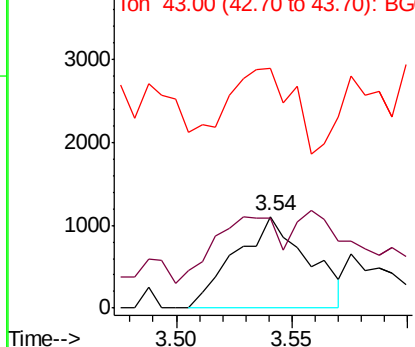
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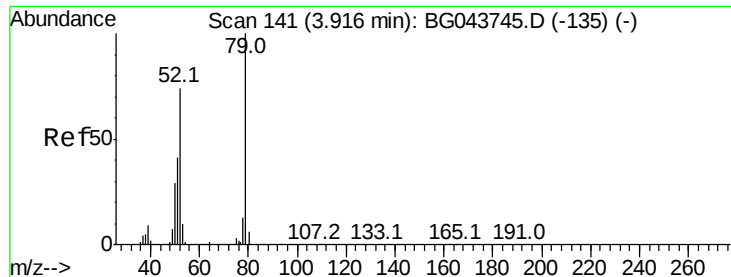
1,4-Dioxane
Concen: 9.581 ng
RT: 3.54 min Scan# 77
Delta R.T. 0.02 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.3	62.3	93.5
43	74.9	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: 7.175 ng

RT: 3.93 min Scan# 144

Delta R.T. 0.02 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Instrument :

BNA_G

ClientSampled :

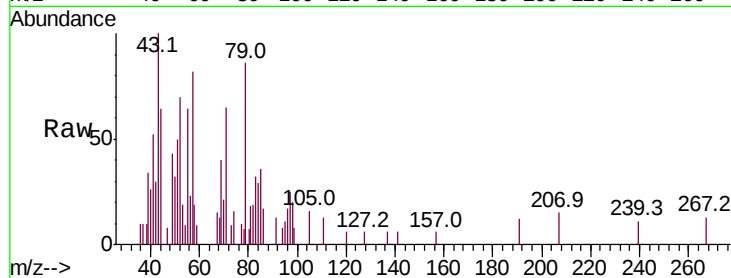
Tot Ion: 79 Resp: 4545

Ion Ratio Lower Upper

79 100

52 81.3 59.0 88.6

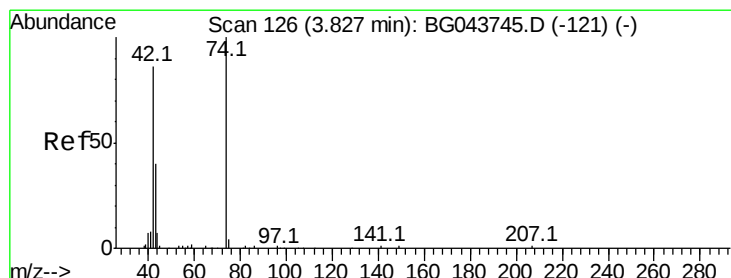
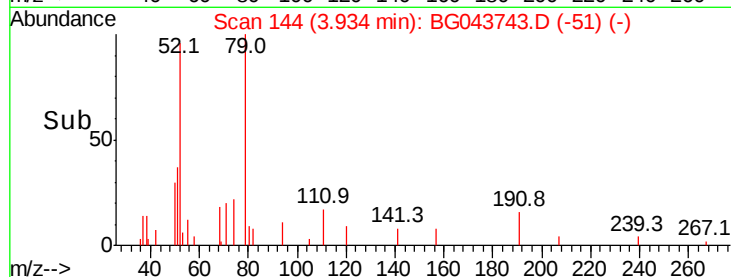
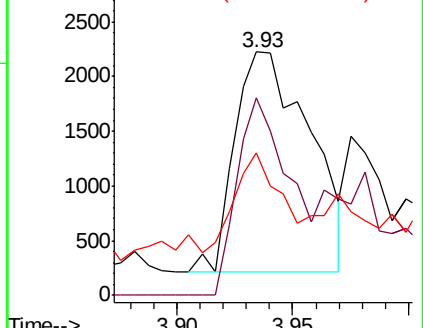
51 58.4 32.9 49.3#



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: 0.694 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.02 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

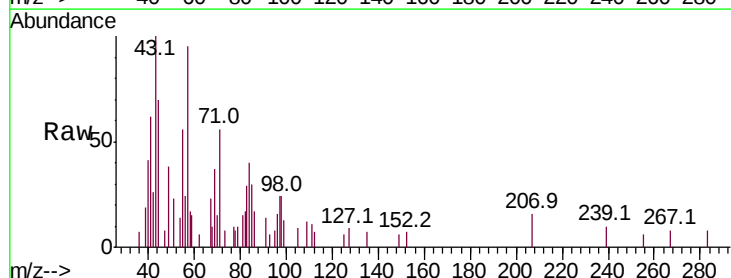
Tgt Ion: 42 Resp: 222

Ion Ratio Lower Upper

42 100

74 0.0 91.9 137.9#

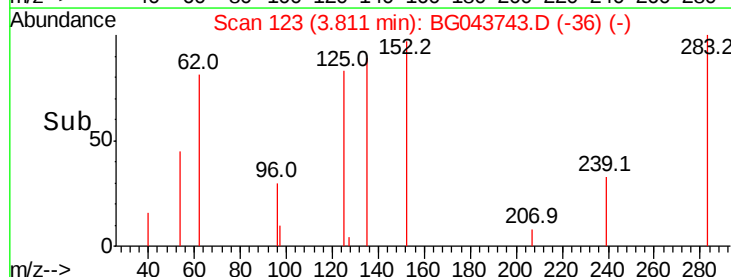
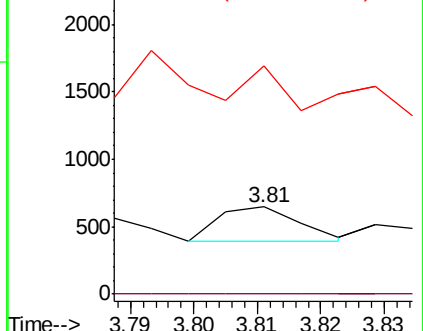
44 262.5 9.1 13.7#

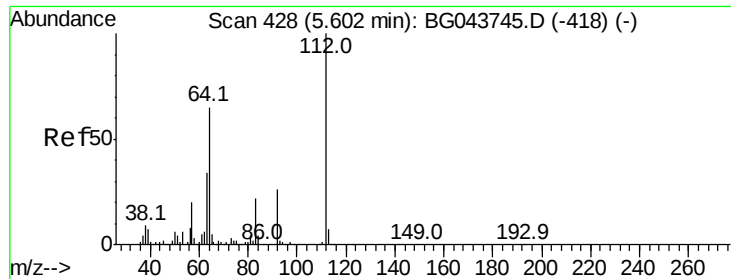


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 20.700 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Instrument :

BNA_G

ClientSampleId :

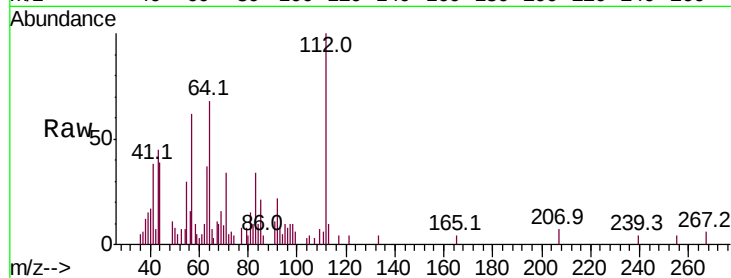
Tot Ion:112 Resp: 13340

Ion Ratio Lower Upper

112 100

64 68.2 51.7 77.5

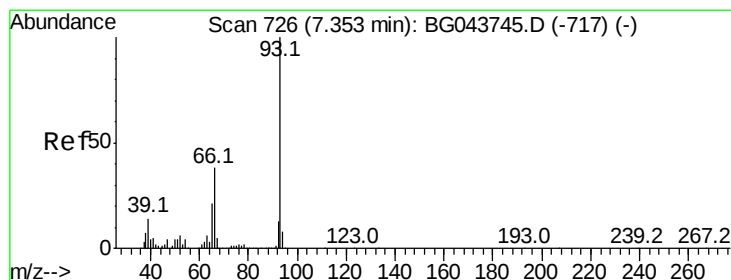
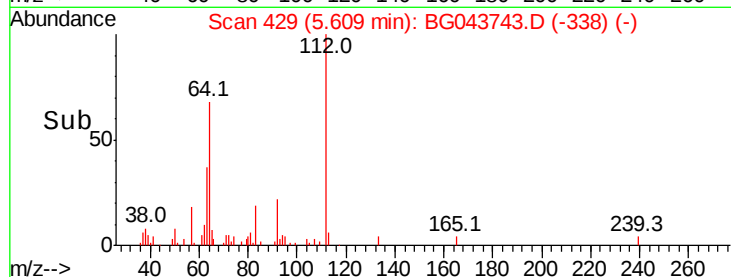
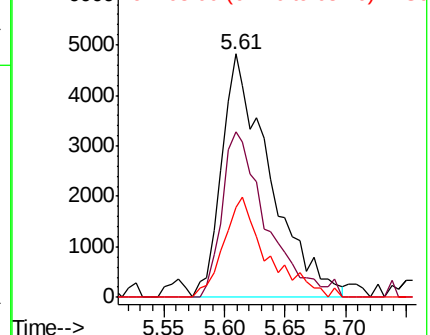
63 37.0 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.486 ng

RT: 7.35 min Scan# 726

Delta R.T. 0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

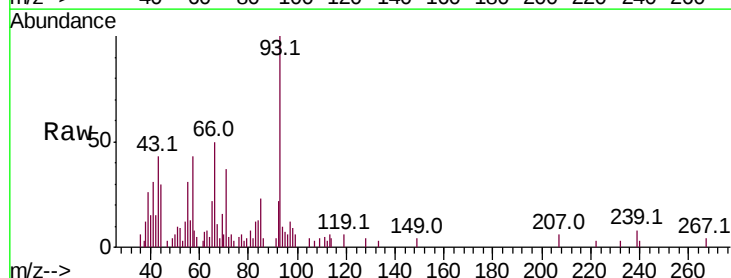
Tgt Ion: 93 Resp: 13336

Ion Ratio Lower Upper

93 100

66 50.0 30.6 46.0#

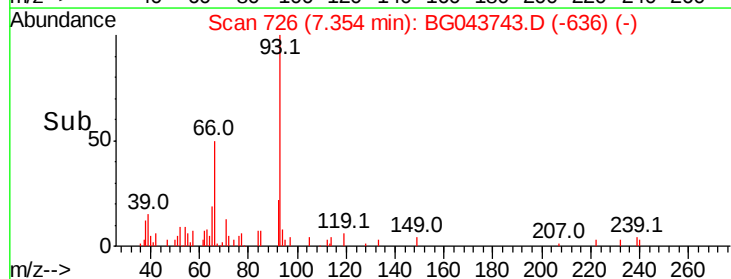
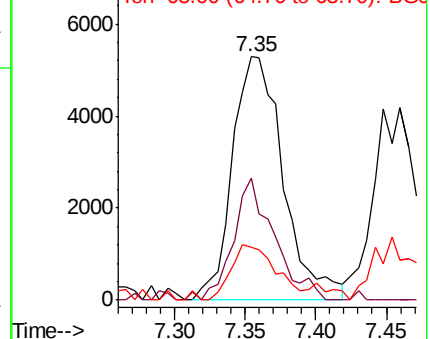
65 21.9 16.8 25.2

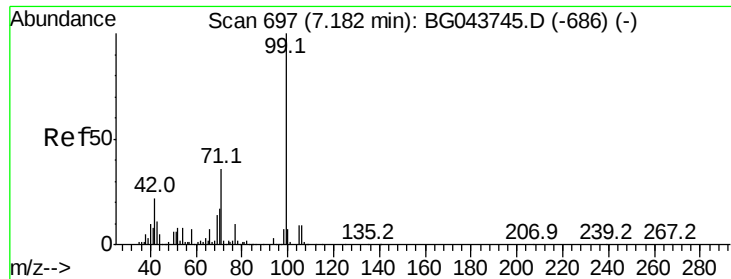


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 21.335 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Instrument :

BNA_G

ClientSampleId :

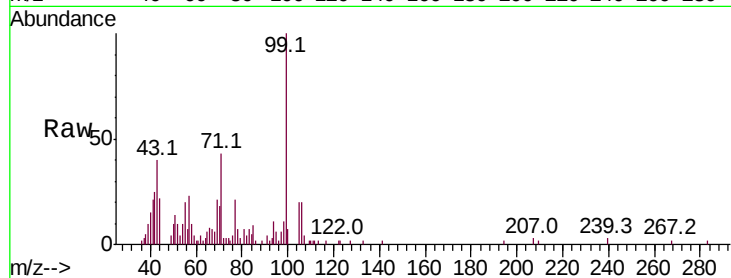
Tot Ion: 99 Resp: 19782

Ion Ratio Lower Upper

99 100

42 24.8 17.4 26.0

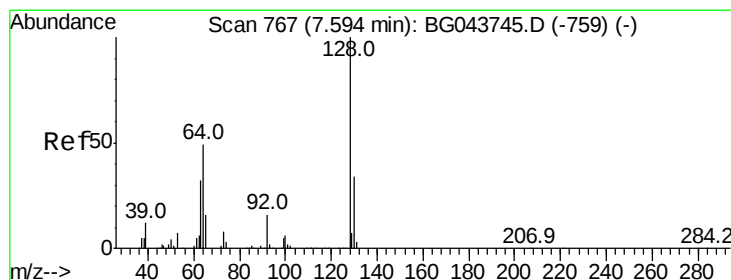
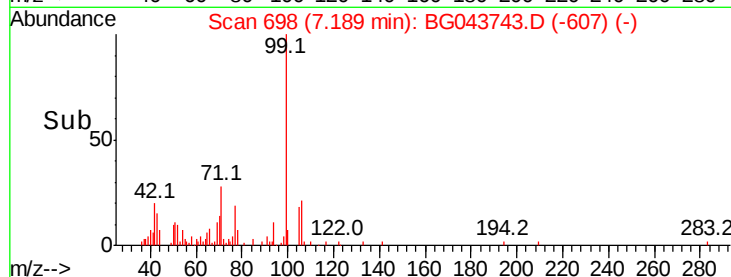
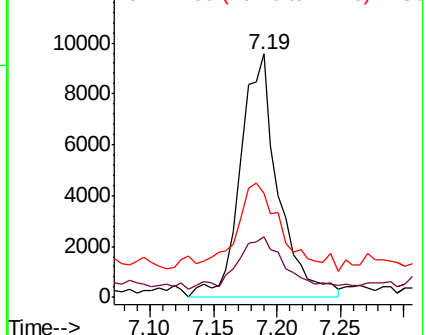
71 42.6 29.5 44.3



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: 11.355 ng

RT: 7.59 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

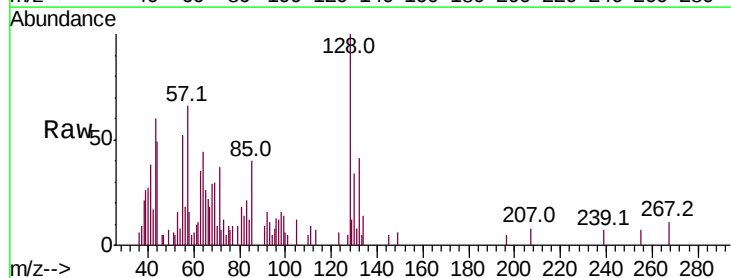
Tgt Ion: 128 Resp: 8078

Ion Ratio Lower Upper

128 100

130 34.2 14.3 54.3

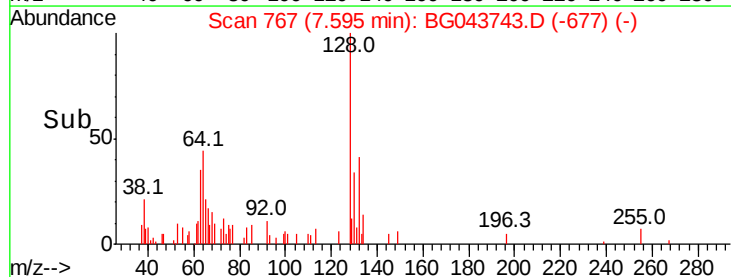
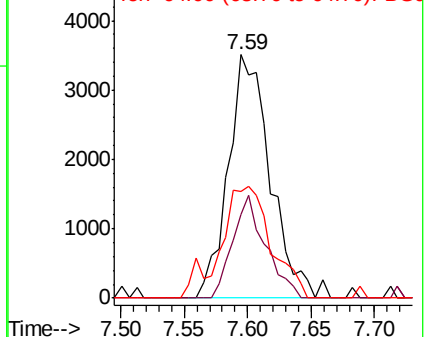
64 44.0 34.5 74.5

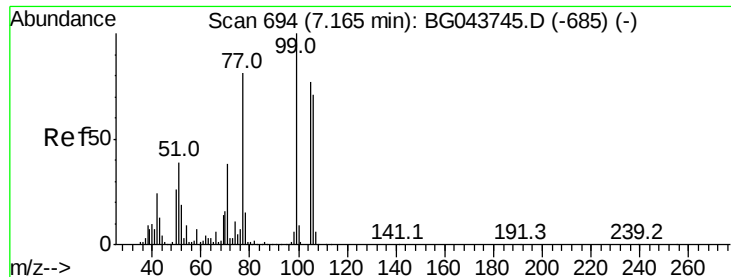


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 18.854 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Instrument :

BNA_G

ClientSampleId :

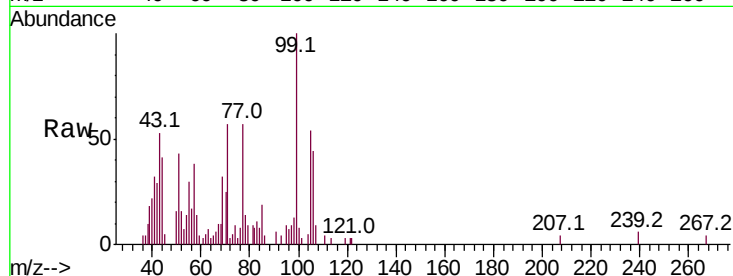
Tot Ion: 77 Resp: 8591

Ion Ratio Lower Upper

77 100

105 94.2 75.0 115.0

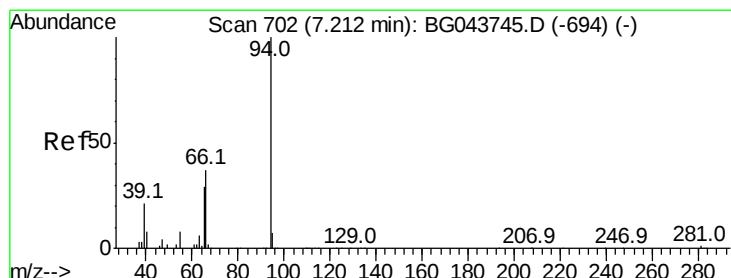
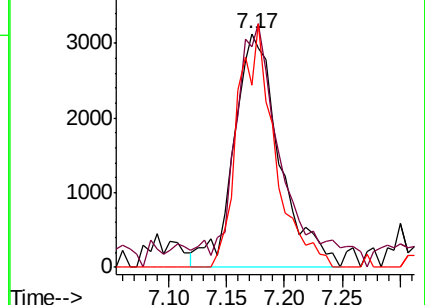
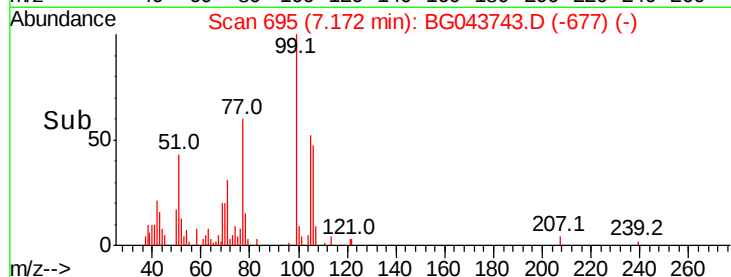
106 78.1 67.4 107.4



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: 11.609 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

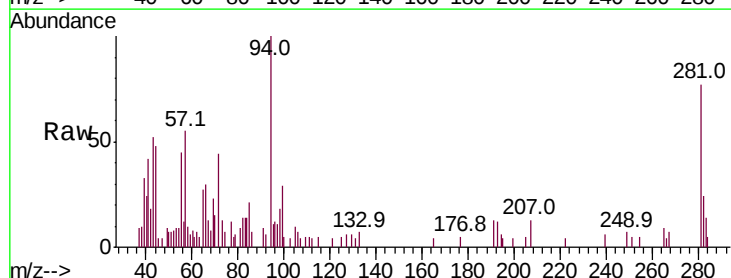
Tgt Ion: 94 Resp: 9836

Ion Ratio Lower Upper

94 100

65 27.3 10.3 50.3

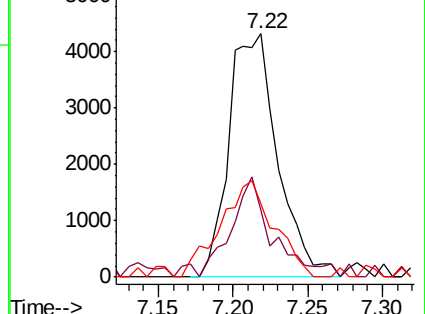
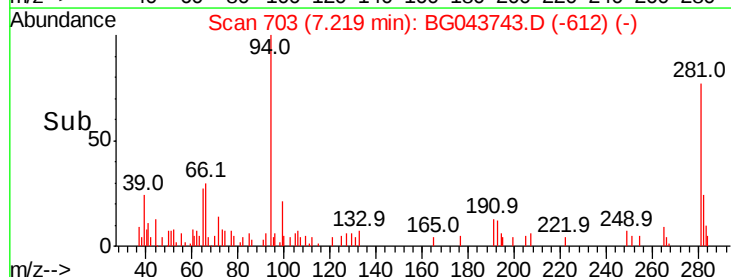
66 29.9 20.5 60.5

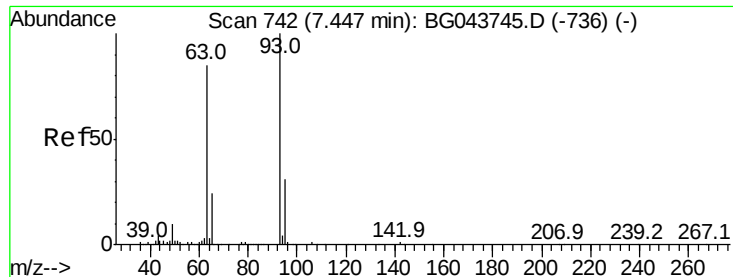


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

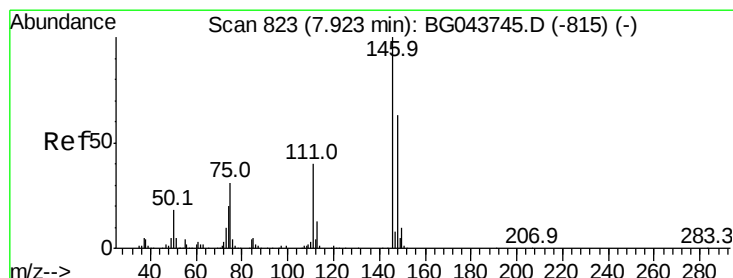
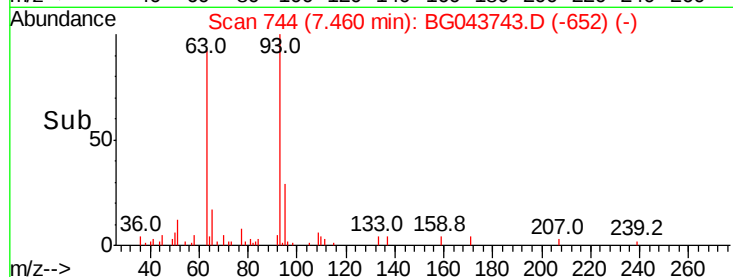
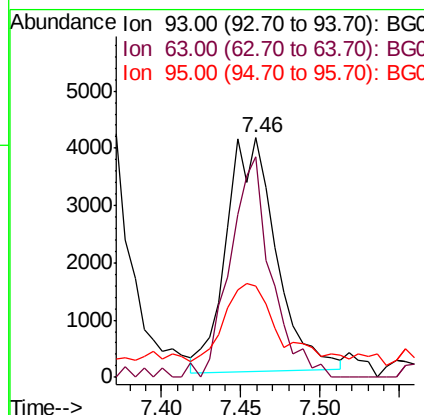
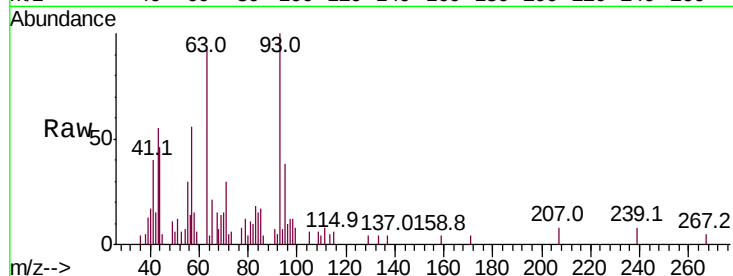




#11
bis(2-Chloroethyl)ether
Concen: 13.643 ng
RT: 7.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

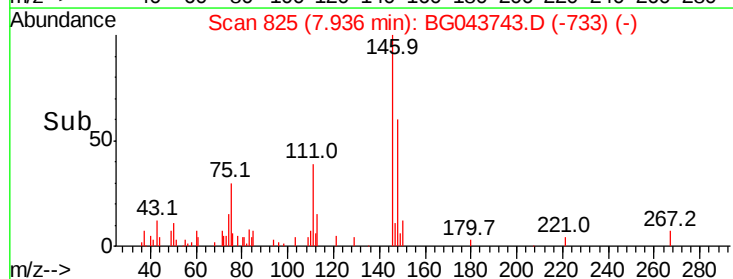
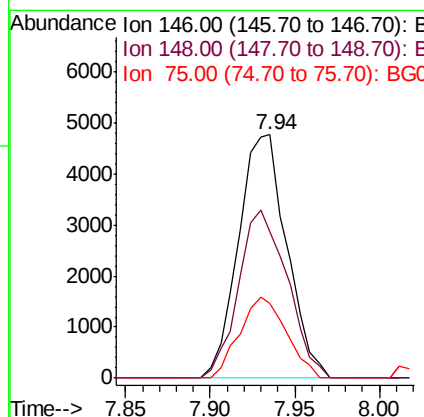
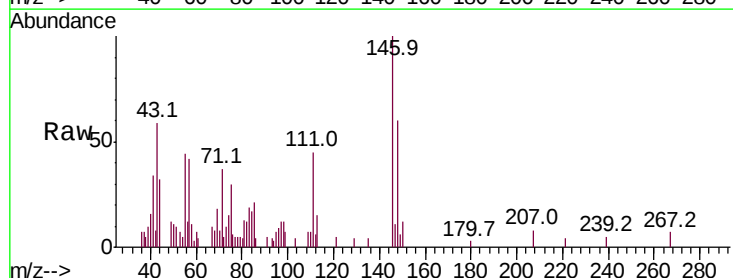
Instrument :
BNA_G
ClientSampled :

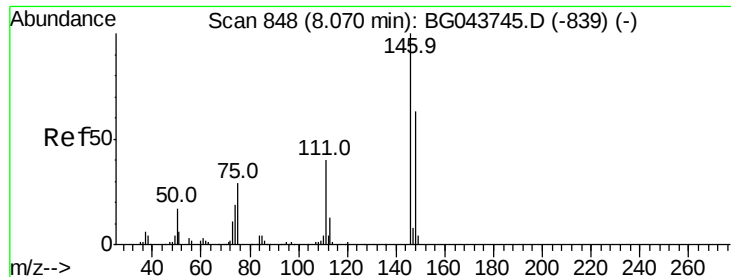
Tot Ion: 93 Resp: 8937
Ion Ratio Lower Upper
93 100
63 92.0 64.4 104.4
95 38.1 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 10.650 ng
RT: 7.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Tgt Ion: 146 Resp: 9492
Ion Ratio Lower Upper
146 100
148 60.1 50.6 75.8
75 30.5 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 10.526 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.13 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Instrument :

BNA_G

ClientSampleId :

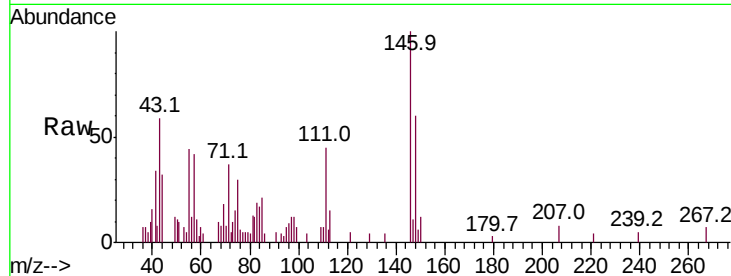
Tot Ion:146 Resp: 9492

Ion Ratio Lower Upper

146 100

148 60.1 50.1 75.1

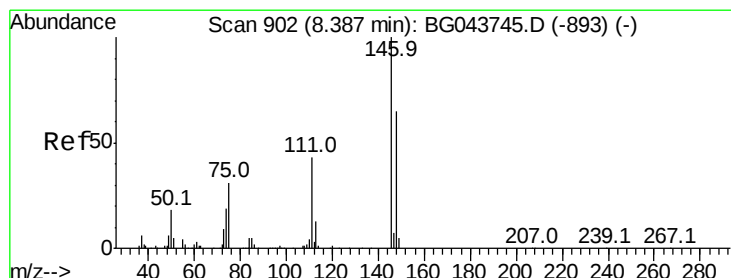
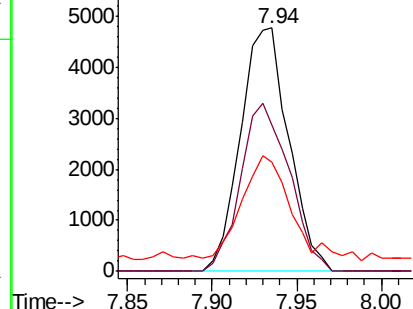
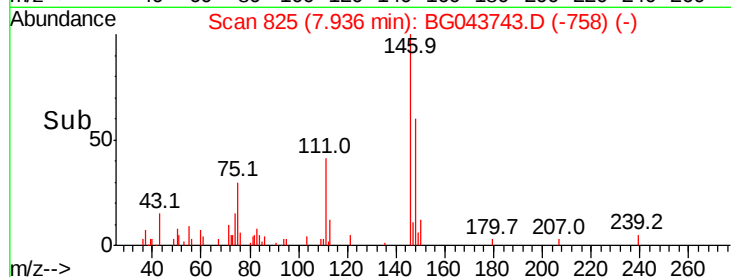
111 44.8 32.1 48.1



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: 10.345 ng

RT: 8.39 min Scan# 903

Delta R.T. 0.01 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

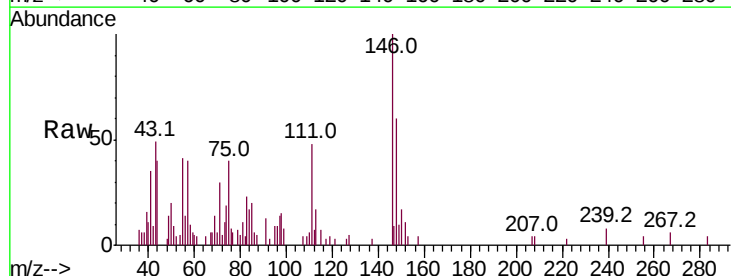
Tgt Ion:146 Resp: 9109

Ion Ratio Lower Upper

146 100

148 60.0 52.1 78.1

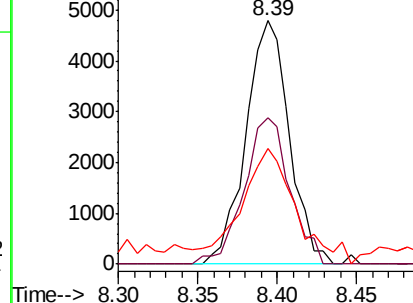
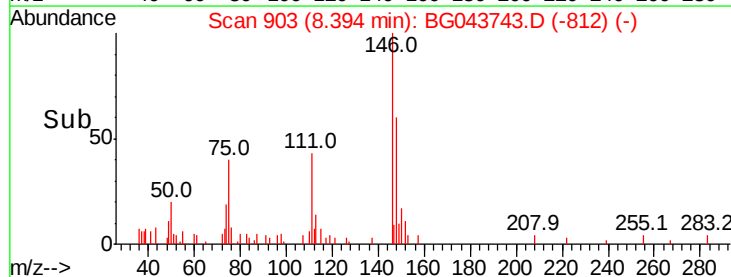
111 47.7 34.7 52.1

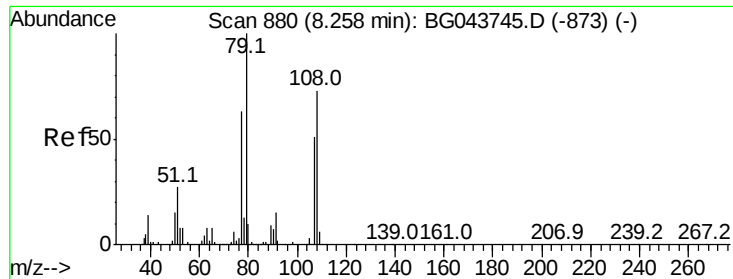


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 11.865 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.01 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Instrument :

BNA_G

ClientSampled :

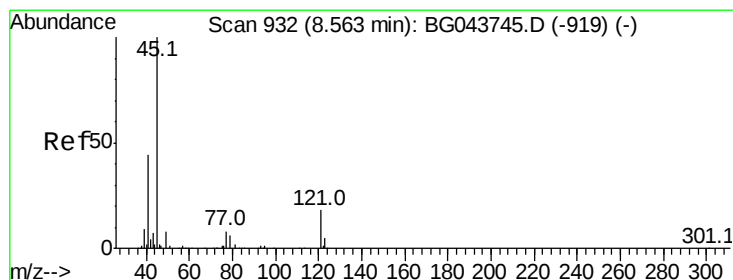
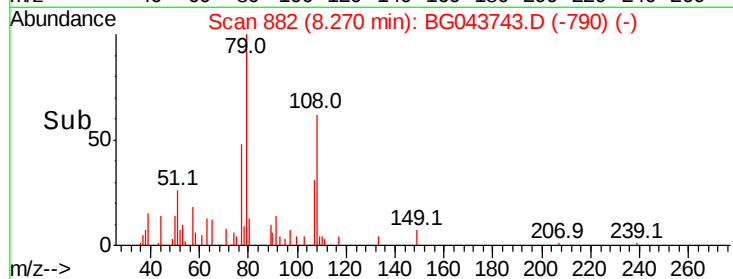
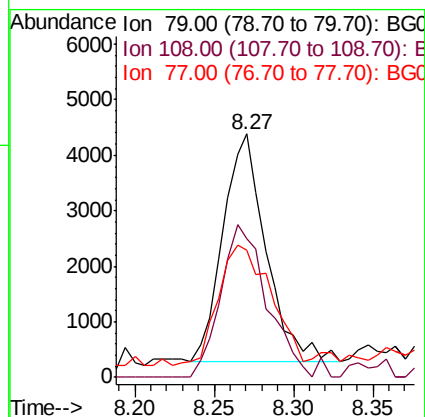
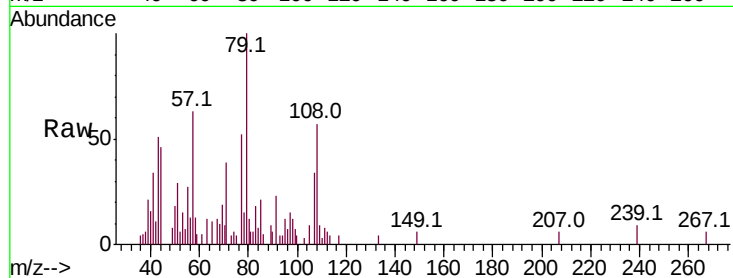
Tot Ion: 79 Resp: 7726

Ion Ratio Lower Upper

79 100

108 56.8 58.2 87.2#

77 52.1 50.2 75.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 15.504 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

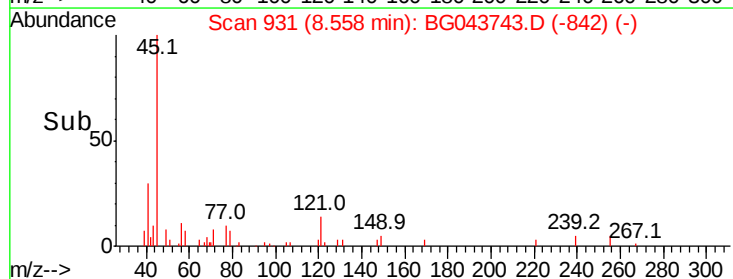
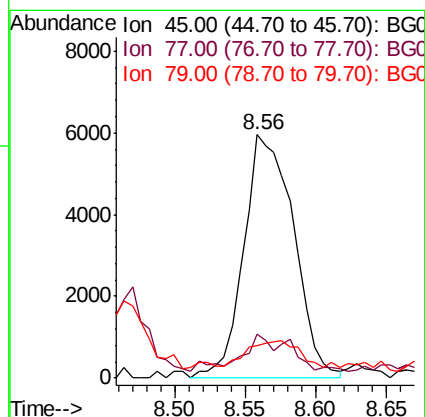
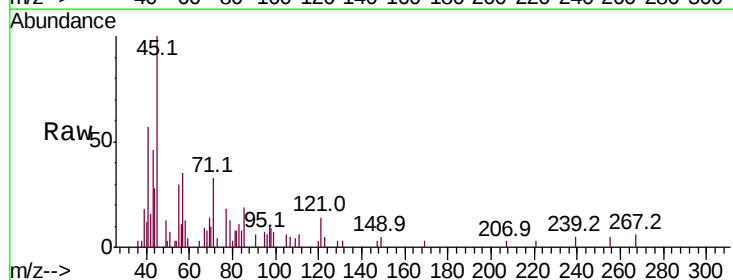
Tgt Ion: 45 Resp: 14768

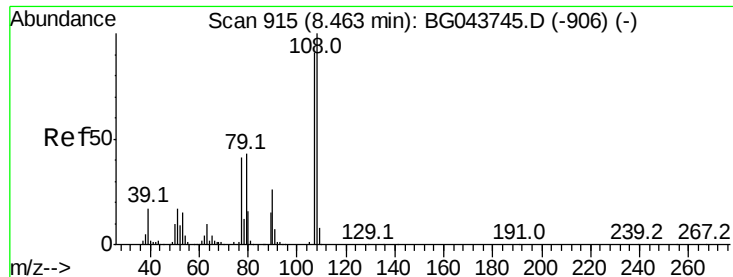
Ion Ratio Lower Upper

45 100

77 18.1 0.0 32.2

79 13.1 0.0 29.9





#17

2-Methylphenol

Concen: 12.003 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.01 min

Lab File: BG043743.D

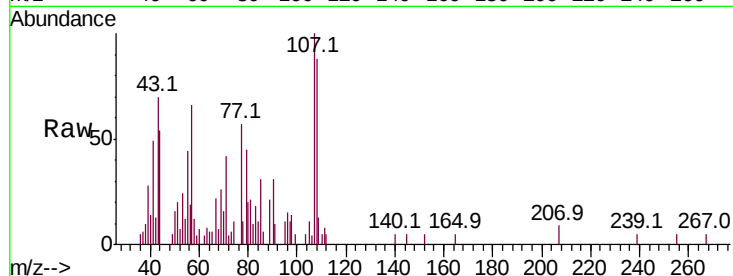
Acq: 22 Nov 2019 15:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	7414
Ion	Ratio	Lower	Upper
107	100		
108	87.8	88.0	132.0#
77	56.7	35.9	53.9#
79	45.4	38.2	57.2

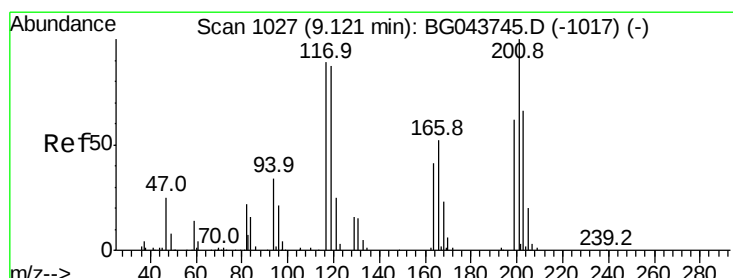
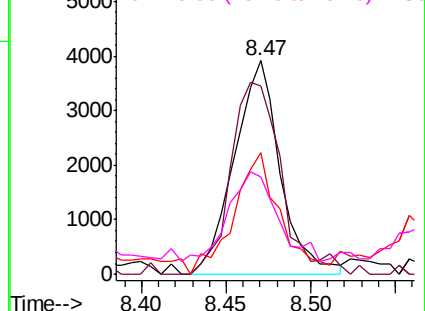
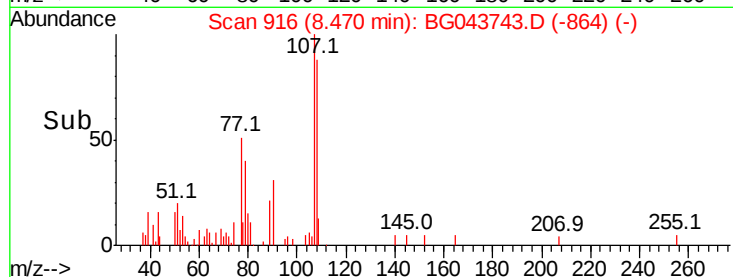


Abundance Ion 107.00 (106.70 to 107.70): E

6000 Ion 108.00 (107.70 to 108.70): E

5000 Ion 77.00 (76.70 to 77.70): BGC

4000 Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 11.225 ng

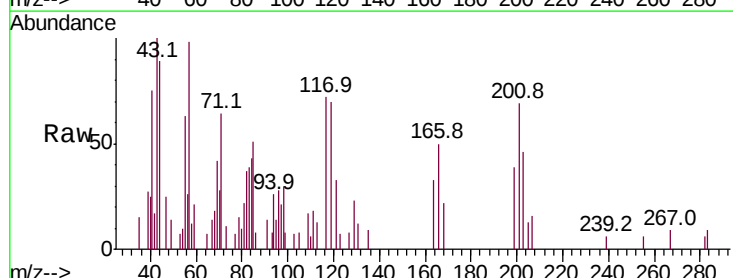
RT: 9.12 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

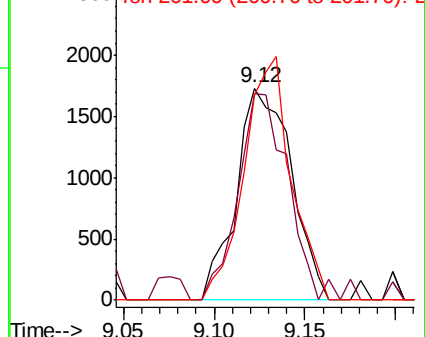
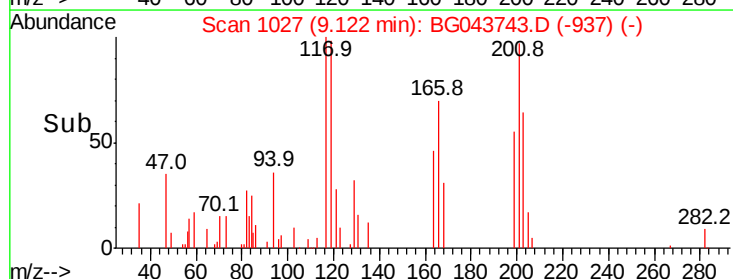
Tgt Ion:	117	Resp:	3652
Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.7	116.5
201	97.1	89.4	134.0

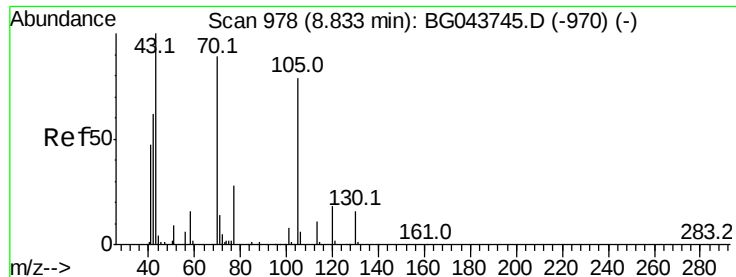


Abundance Ion 117.00 (116.70 to 117.70): E

2500 Ion 119.00 (118.70 to 119.70): E

2000 Ion 201.00 (200.70 to 201.70): E

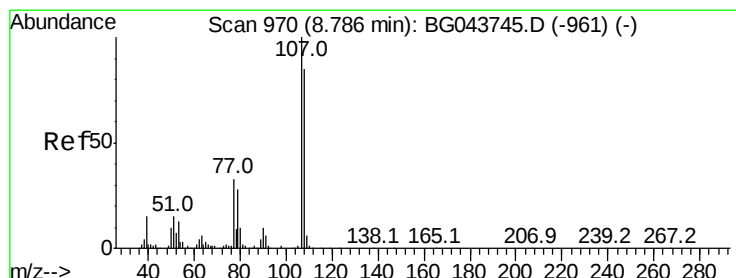
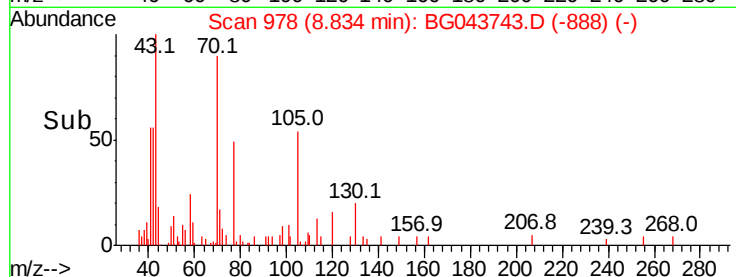
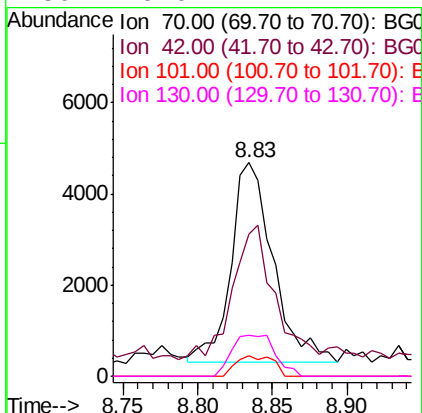
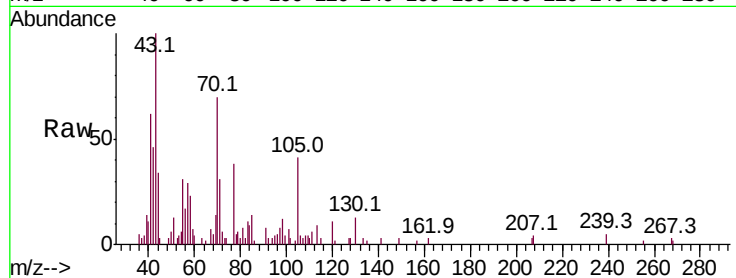




#19
n-Nitroso-di-n-propylamine
Concen: 14.236 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

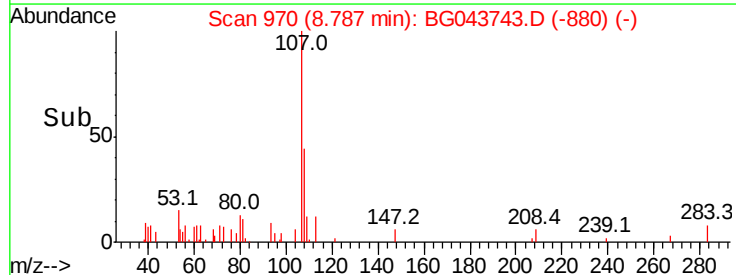
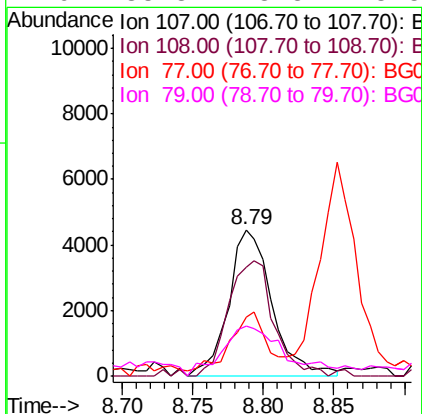
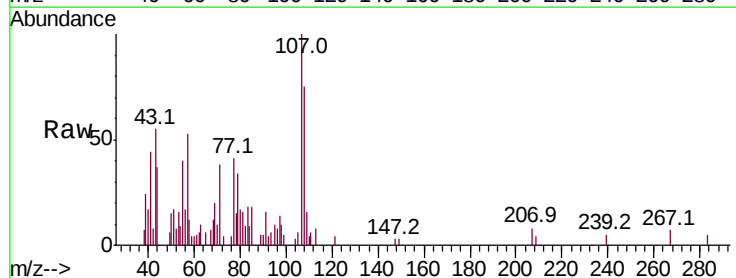
Instrument :
BNA_G
ClientSampleId :

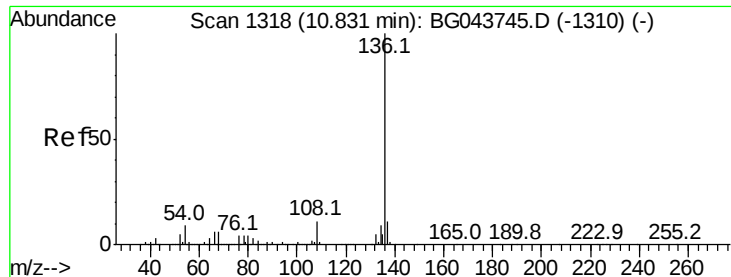
Tot Ion:	70	Resp:	8529
Ion	Ratio	Lower	Upper
70	100		
42	66.4	56.4	84.6
101	9.9	6.7	10.1
130	19.0	14.7	22.1



#20
3+4-Methylphenols
Concen: 11.316 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Tgt Ion:	107	Resp:	9584
Ion	Ratio	Lower	Upper
107	100		
108	74.9	64.6	104.6
77	40.5	13.7	53.7
79	33.8	8.5	48.5

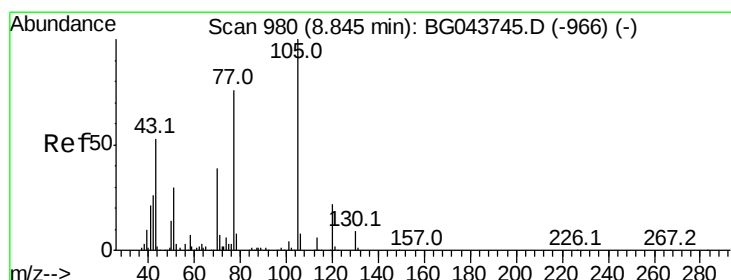
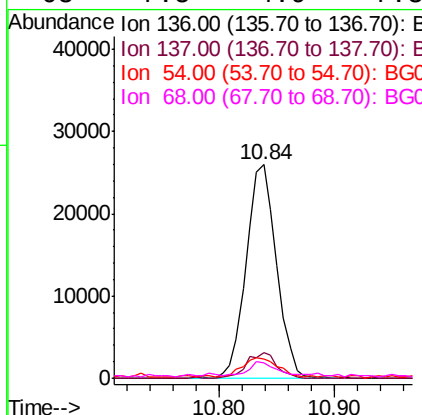
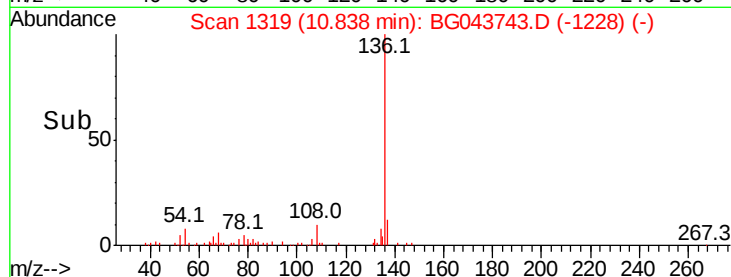
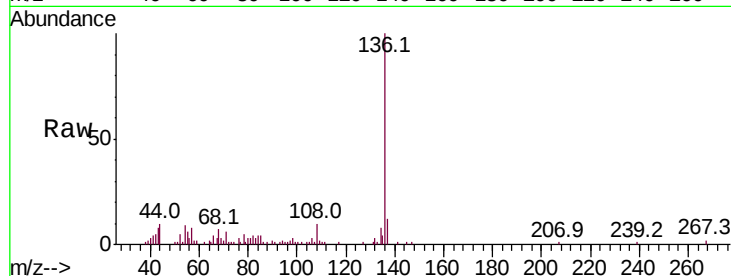




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

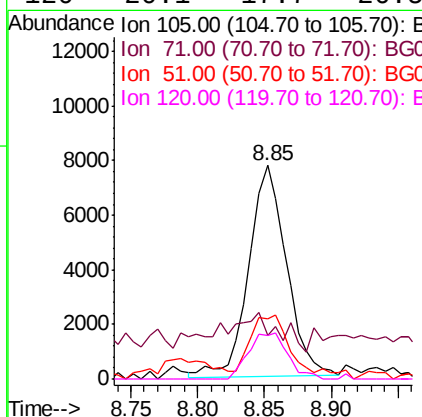
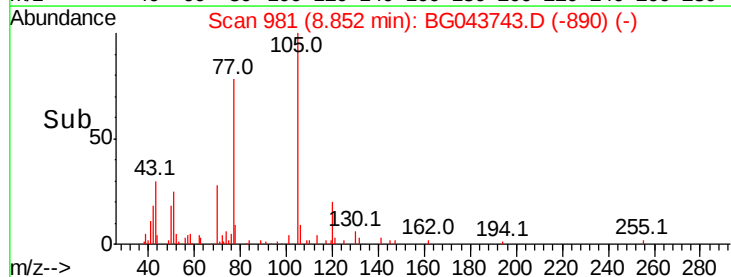
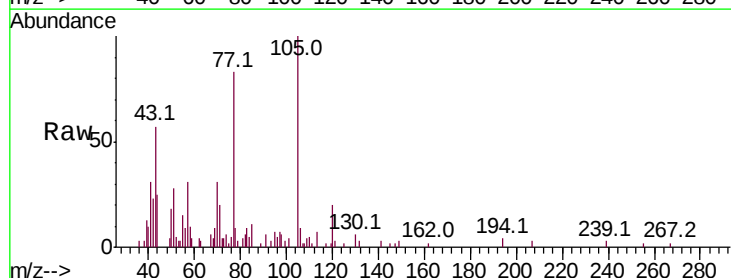
Instrument :
BNA_G
ClientSampleId :

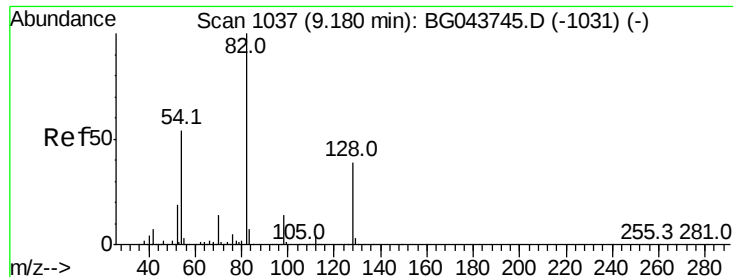
Tot Ion:136	Resp:	47248
Ion Ratio	Lower	Upper
136 100		
137 11.8	8.8	13.2
54 8.7	7.5	11.3
68 7.5	4.9	7.3#



#22
Acetophenone
Concen: 12.352 ng
RT: 8.85 min Scan# 981
Delta R.T. 0.01 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Tgt	Ion:105	Resp:	14945
Ion	Ratio	Lower	Upper
105	100		
71	20.4	6.3	9.5#
51	28.2	24.7	37.1
120	20.1	17.7	26.5





#23

Nitrobenzene-d5

Concen: 18.157 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Instrument :

BNA_G

ClientSampled :

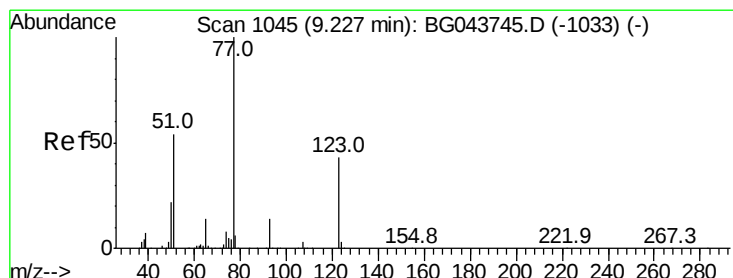
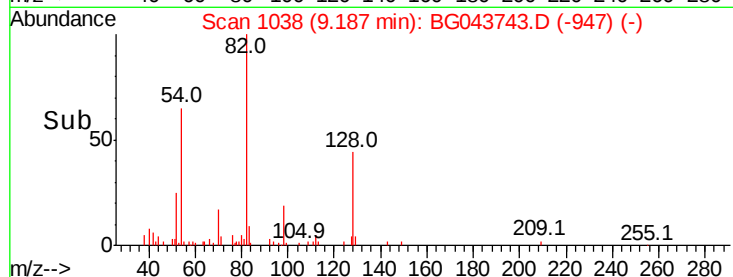
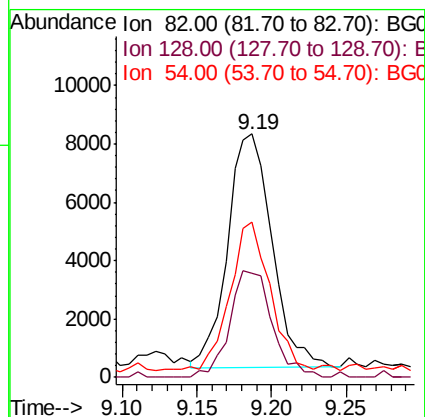
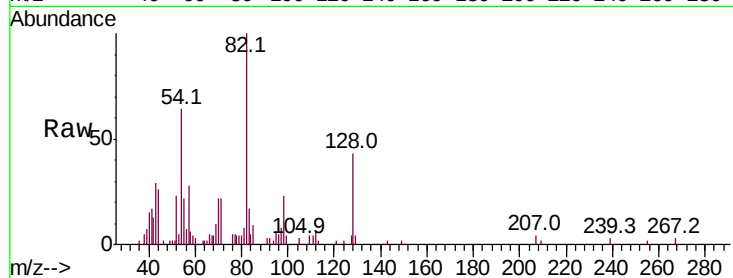
Tot Ion: 82 Resp: 16640

Ion Ratio Lower Upper

82 100

128 42.9 31.3 46.9

54 63.6 42.7 64.1



#24

Nitrobenzene

Concen: 11.274 ng

RT: 9.22 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

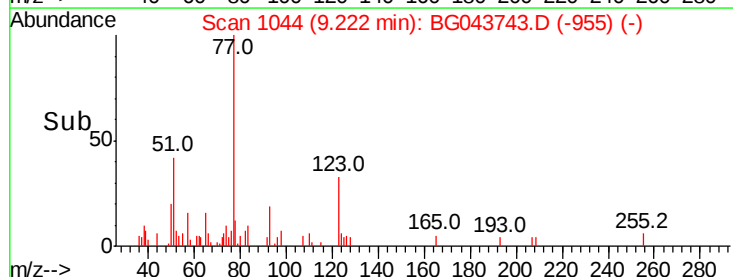
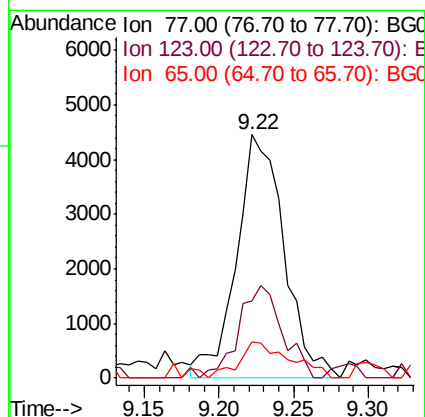
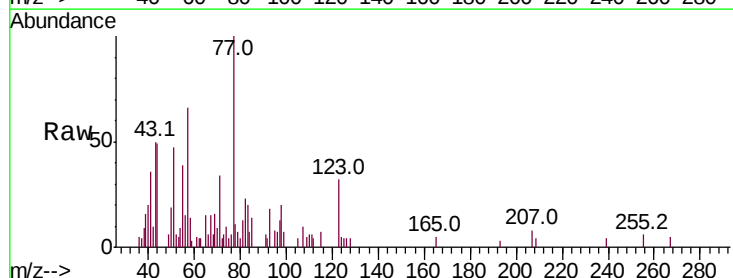
Tgt Ion: 77 Resp: 9843

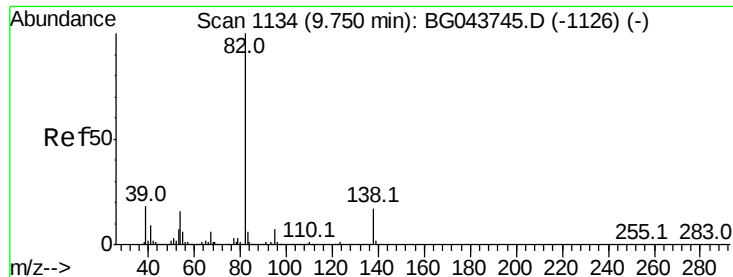
Ion Ratio Lower Upper

77 100

123 31.6 34.7 52.1#

65 15.1 11.0 16.6





#25

Isophorone

Concen: 12.560 ng

RT: 9.76 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Instrument :

BNA_G

ClientSampleId :

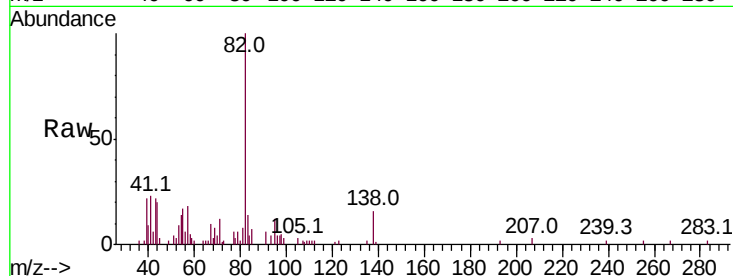
Tot Ion: 82 Resp: 21045

Ion Ratio Lower Upper

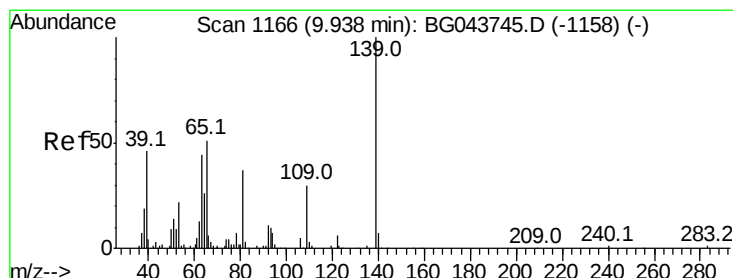
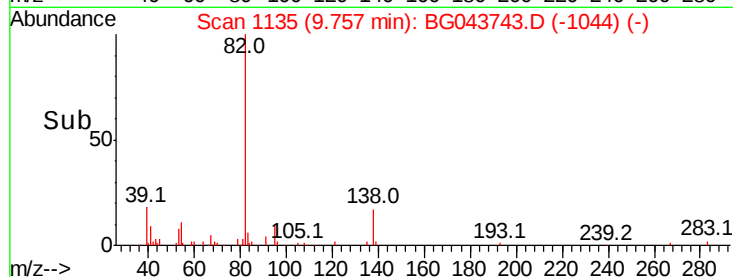
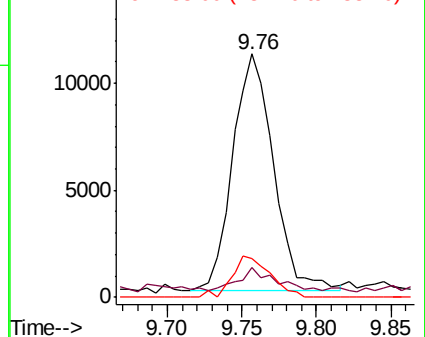
82 100

95 12.0 5.9 8.9#

138 15.8 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: 5.440 ng

RT: 9.95 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

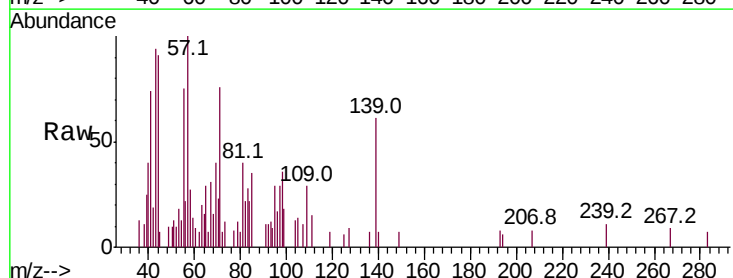
Tgt Ion: 139 Resp: 2293

Ion Ratio Lower Upper

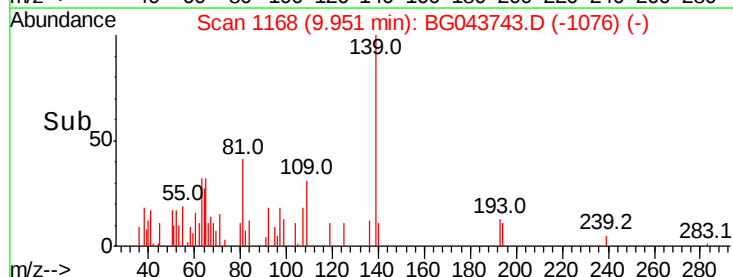
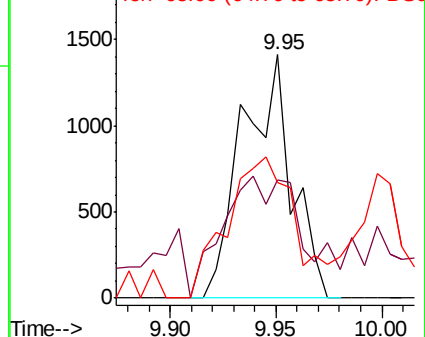
139 100

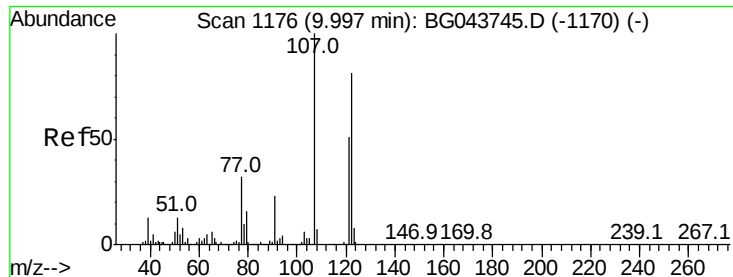
109 48.4 24.1 36.1#

65 47.7 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

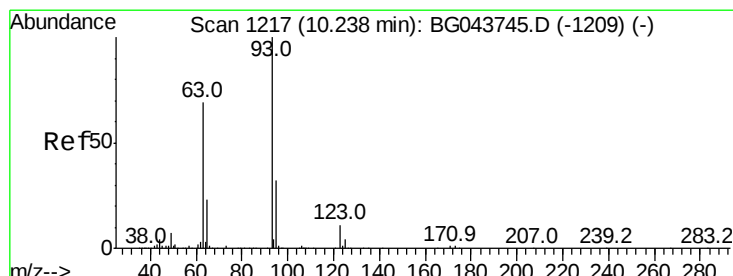
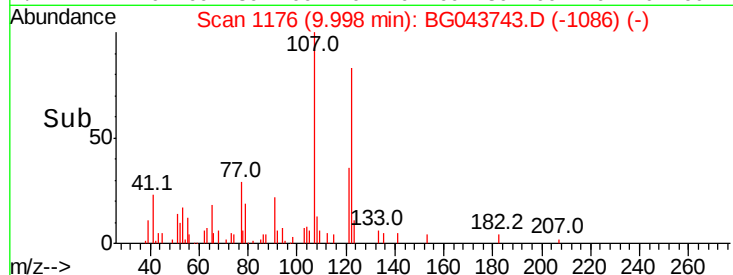
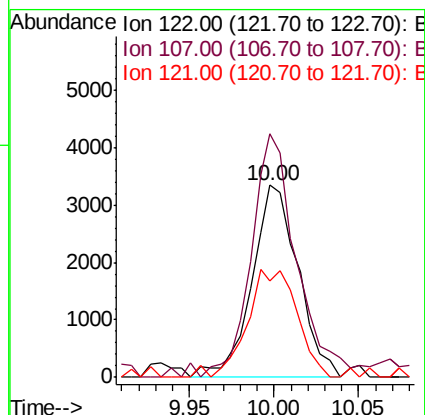
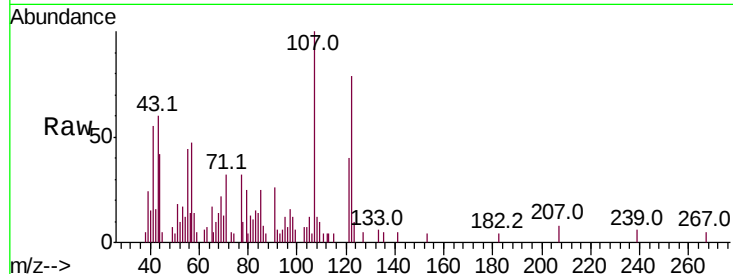




#27
2,4-Dimethylphenol
Concen: 10.551 ng
RT: 10.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

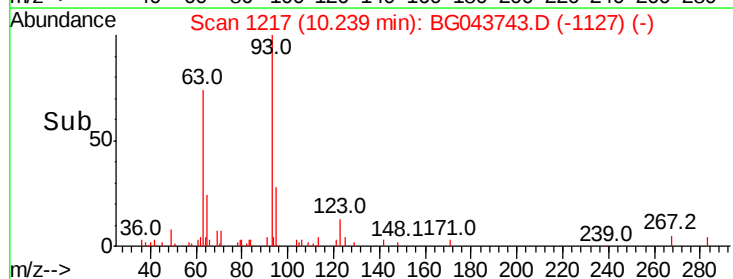
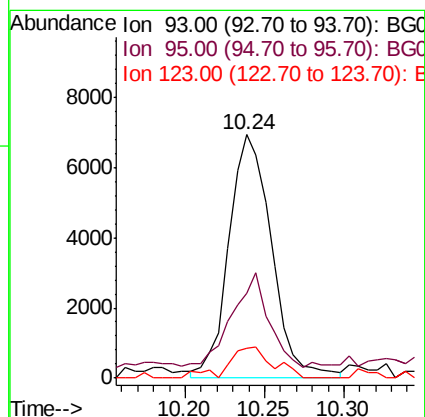
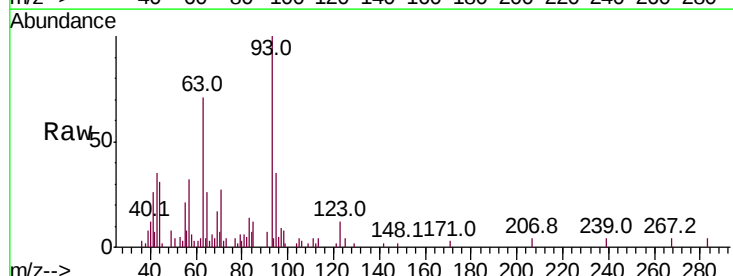
Instrument :
BNA_G
ClientSampled :

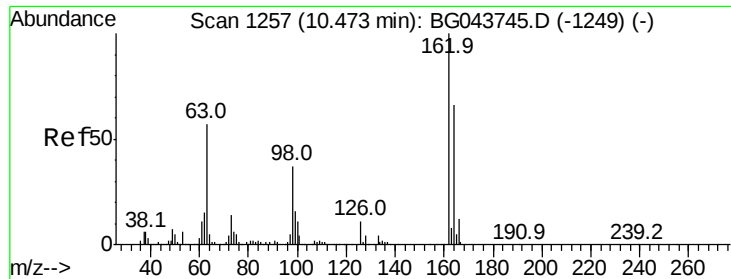
Tot Ion:122 Resp: 6374
Ion Ratio Lower Upper
122 100
107 126.7 98.5 147.7
121 50.4 49.6 74.4



#28
bis(2-Chloroethoxy)methane
Concen: 14.039 ng
RT: 10.24 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Tgt Ion: 93 Resp: 12983
Ion Ratio Lower Upper
93 100
95 34.8 26.0 39.0
123 12.4 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 8.538 ng

RT: 10.47 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Instrument :

BNA_G

ClientSampleId :

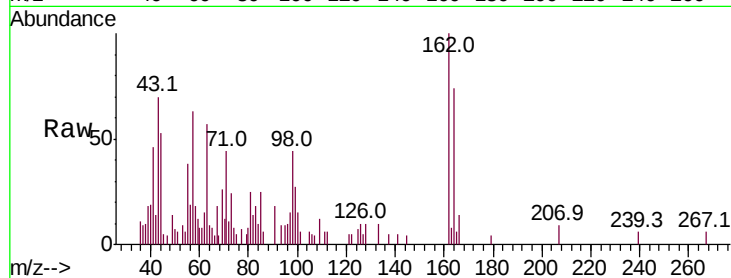
Tot Ion:162 Resp: 6609

Ion Ratio Lower Upper

162 100

164 73.7 46.4 86.4

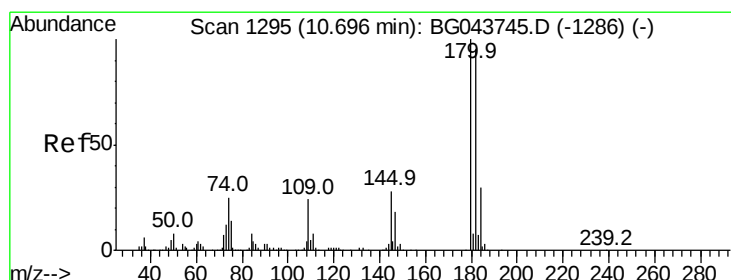
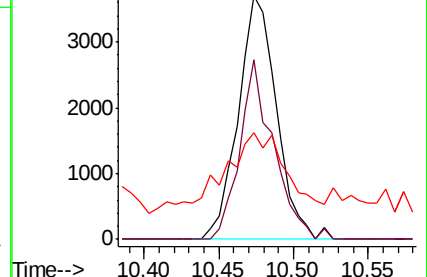
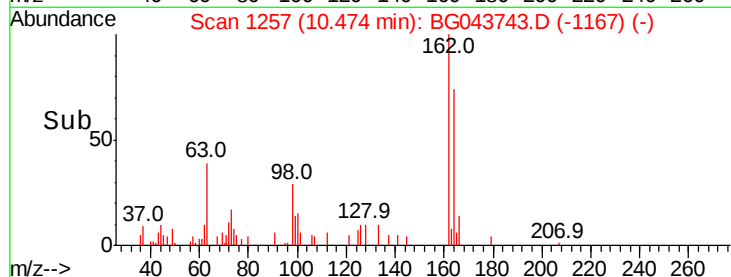
98 43.9 17.3 57.3



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 9.178 ng

RT: 10.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

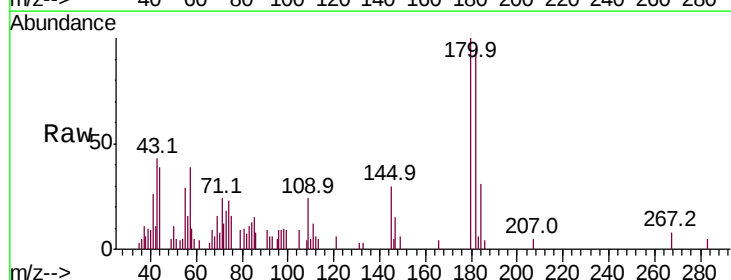
Tgt Ion:180 Resp: 8954

Ion Ratio Lower Upper

180 100

182 93.5 75.8 113.6

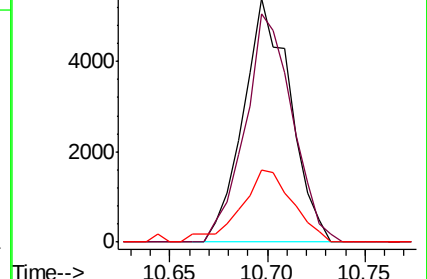
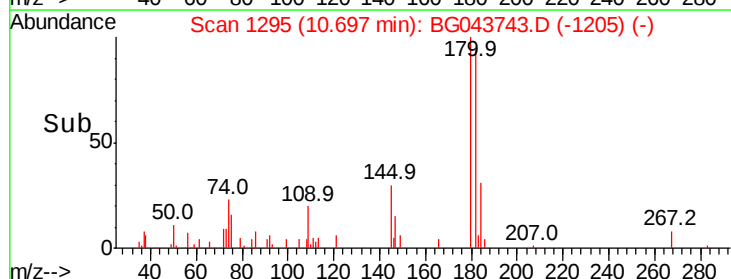
145 29.6 22.5 33.7

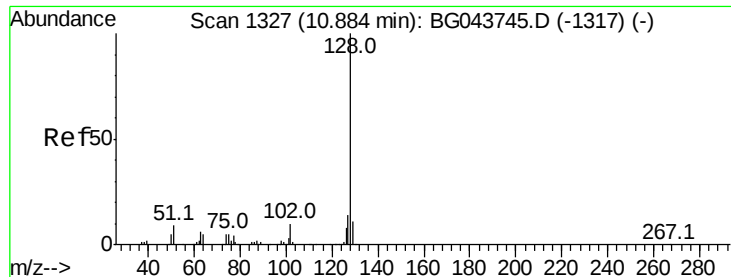


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

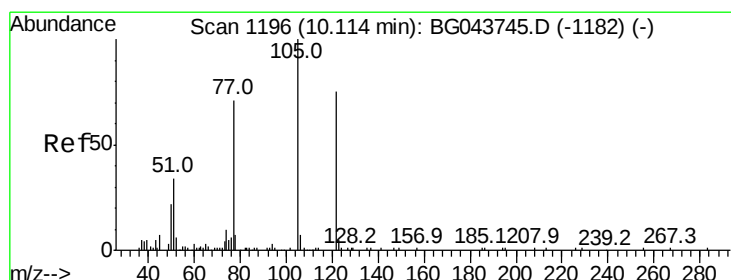
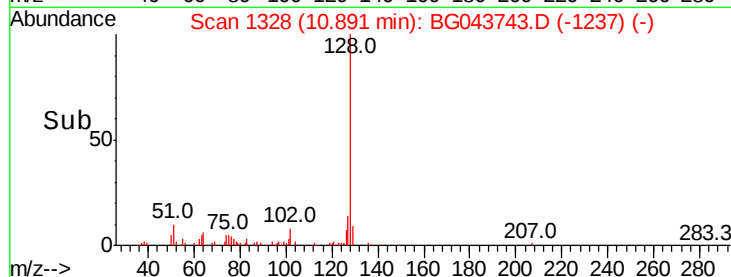
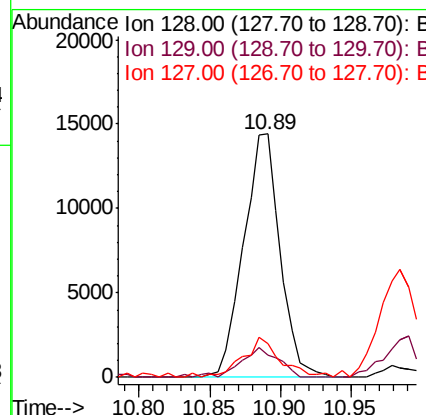
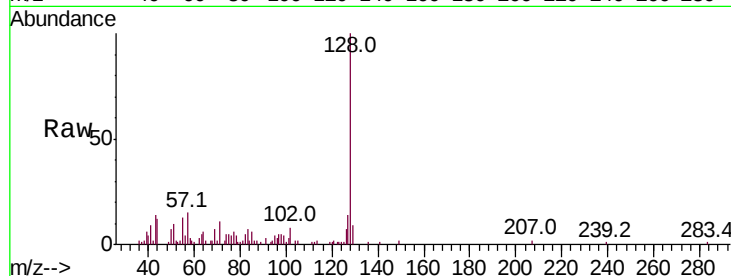




#31
Naphthalene
Concen: 10.864 ng
RT: 10.89 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

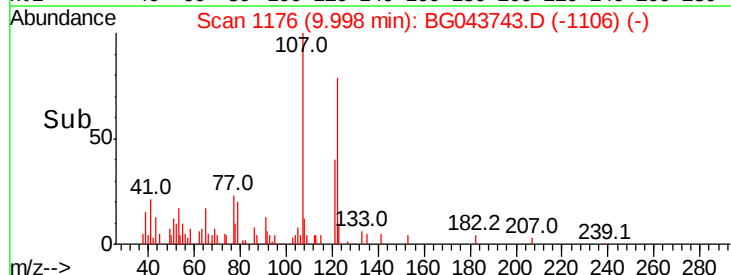
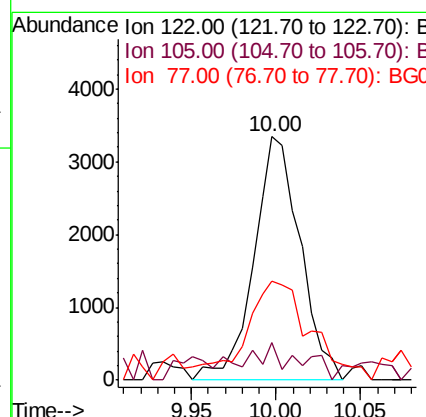
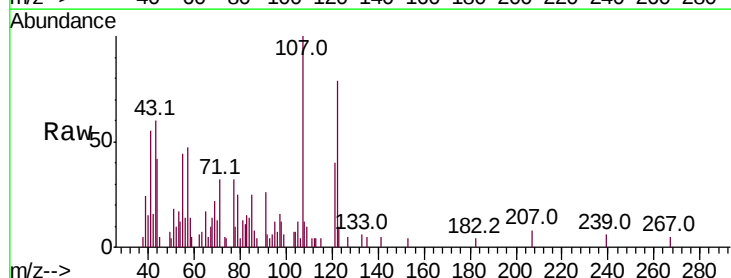
Instrument :
BNA_G
ClientSampleId :

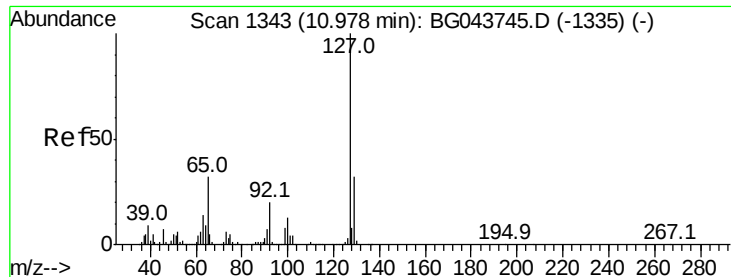
Tot Ion:128 Resp: 26056
Ion Ratio Lower Upper
128 100
129 9.3 9.1 13.7
127 14.0 11.4 17.0



#32
Benzoic acid
Concen: 15.040 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.12 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Tgt Ion:122 Resp: 6374
Ion Ratio Lower Upper
122 100
105 15.6 109.3 149.3#
77 40.5 76.1 116.1#

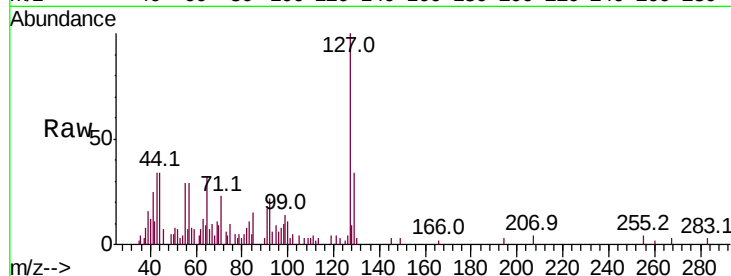




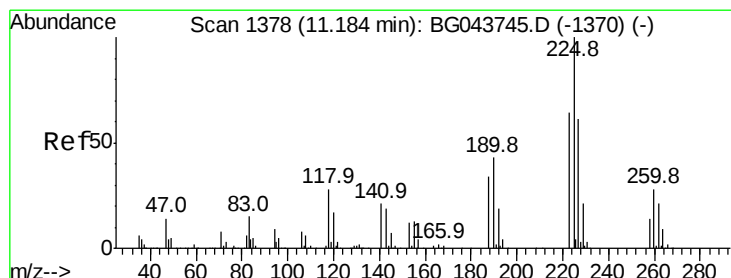
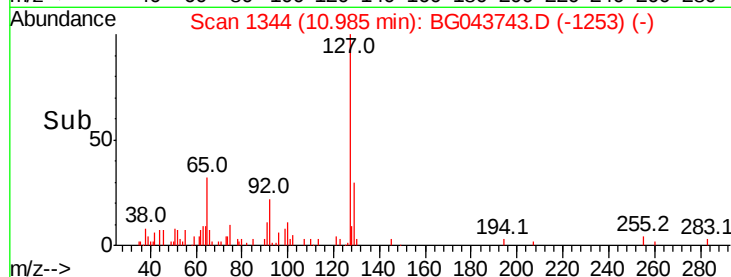
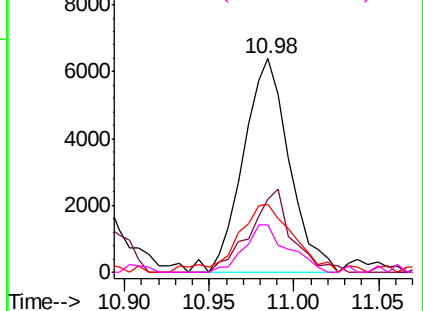
#33
4-Chloroaniline
Concen: 12.257 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	12050
Ion	Ratio	Lower	Upper
127	100		
129	34.2	25.9	38.9
65	31.6	25.8	38.8
92	22.3	15.8	23.6

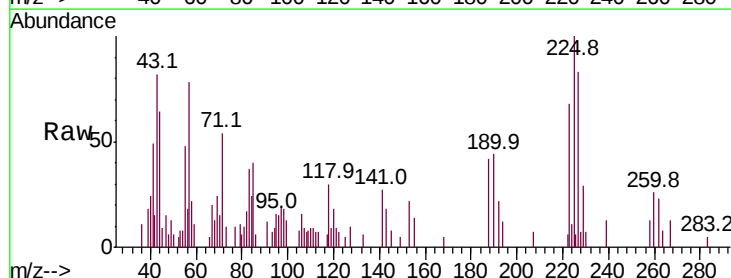


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

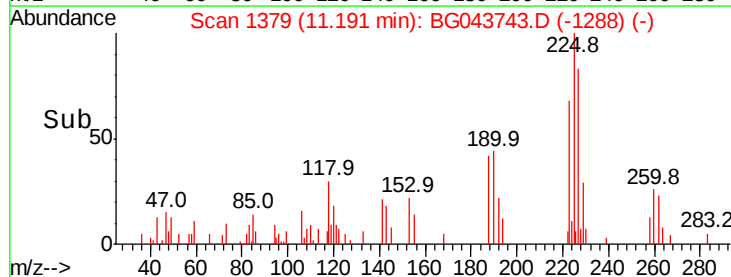
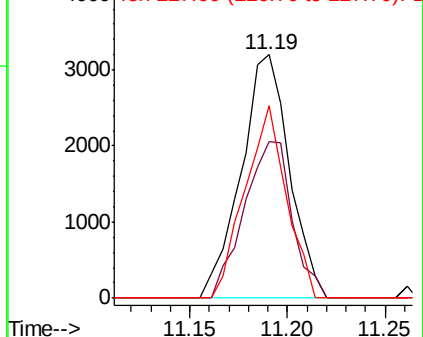


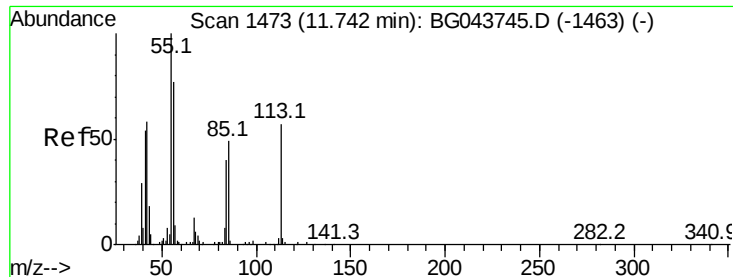
#34
Hexachlorobutadiene
Concen: 7.607 ng
RT: 11.19 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Tgt Ion:	225	Resp:	5486
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.2	76.8
227	78.9	51.0	76.4#



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

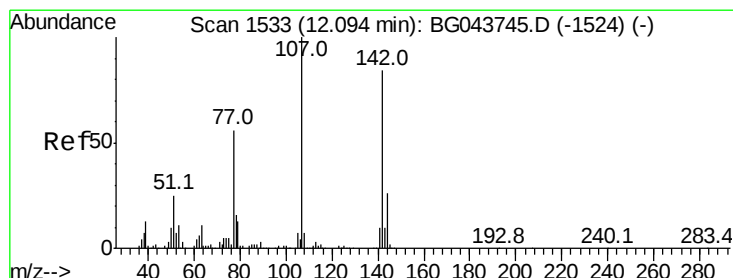
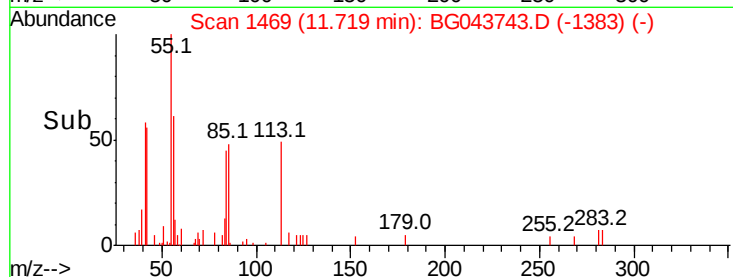
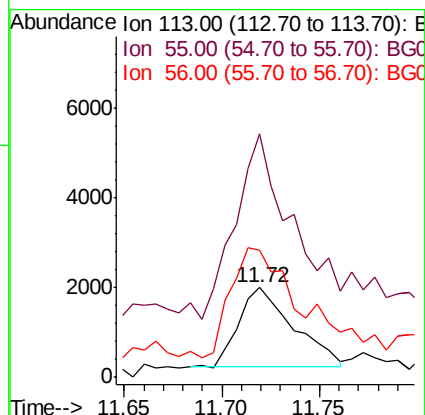
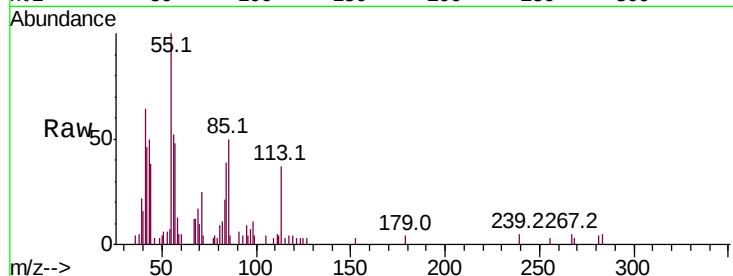




#35
 Caprolactam
 Concen: 13.028 ng
 RT: 11.72 min Scan# 1469
 Delta R.T. -0.02 min
 Lab File: BG043743.D
 Acq: 22 Nov 2019 15:48

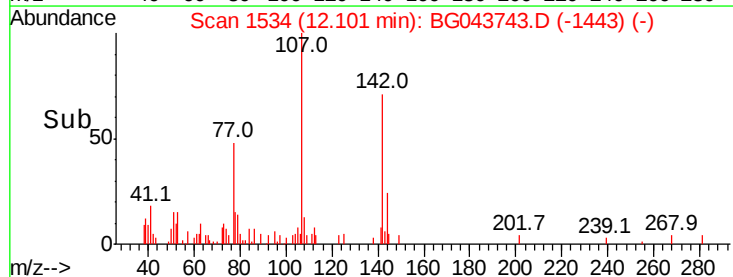
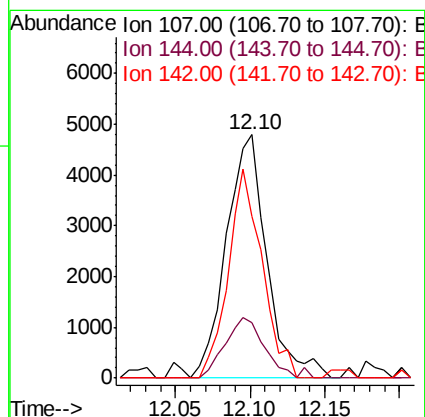
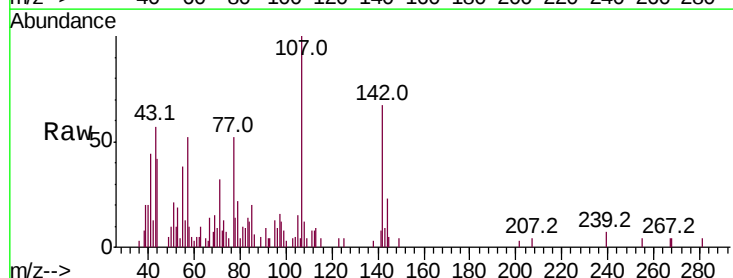
Instrument :
 BNA_G
 ClientSampleId :

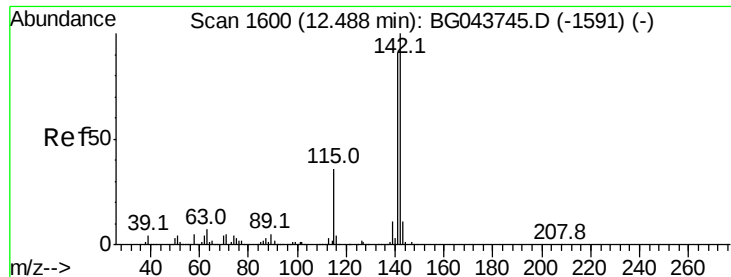
Tot Ion:113 Resp: 3473
 Ion Ratio Lower Upper
 113 100
 55 270.8 160.9 200.9#
 56 141.7 116.8 156.8



#36
 4-Chloro-3-methylphenol
 Concen: 10.778 ng
 RT: 12.10 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BG043743.D
 Acq: 22 Nov 2019 15:48

Tgt Ion:107 Resp: 9100
 Ion Ratio Lower Upper
 107 100
 144 22.6 21.0 31.4
 142 66.7 67.0 100.4#

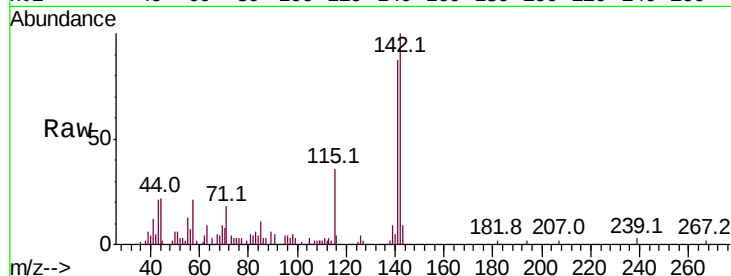




#37
2-Methylnaphthalene
Concen: 9.899 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	72.8	109.2
115	35.5	28.9	43.3

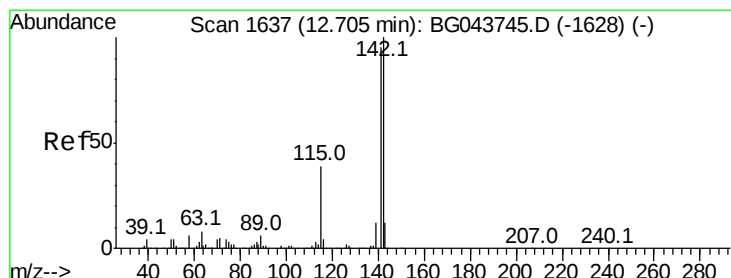
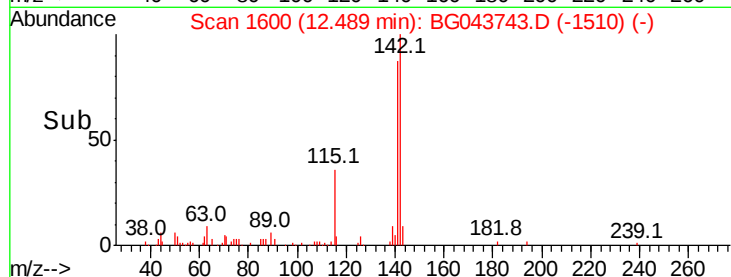
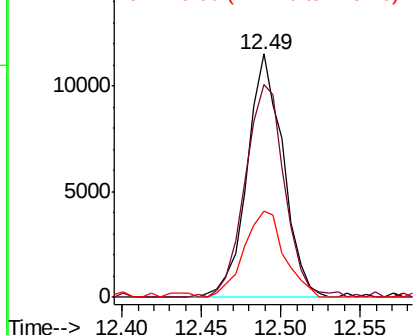


Abundance

Ion 142.00 (141.70 to 142.70): E

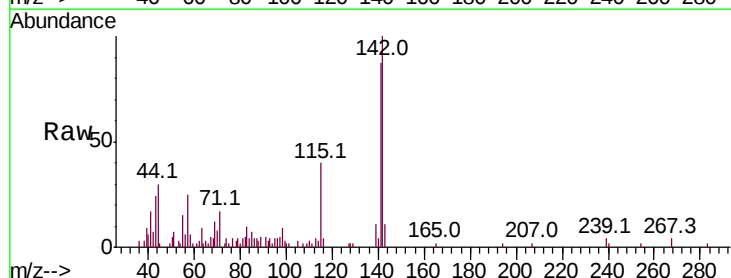
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 9.944 ng
RT: 12.71 min Scan# 1638
Delta R.T. 0.01 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.3	75.8	113.8
116	3.7	3.4	5.0

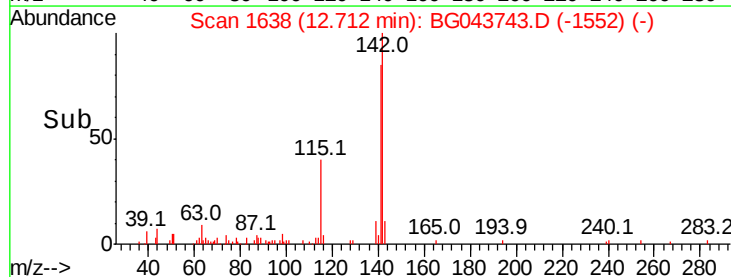
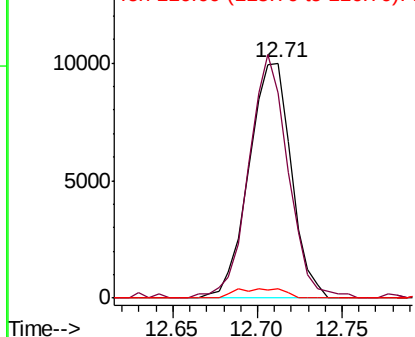


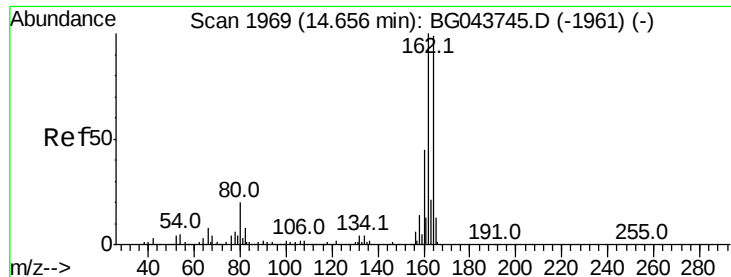
Abundance

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: BG043743.D

Acq: 22 Nov 2019 15:48

Instrument :

BNA_G

ClientSampleId :

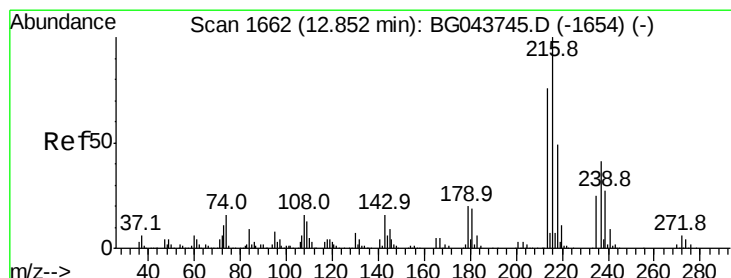
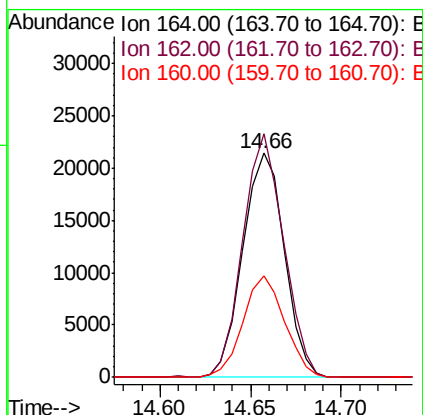
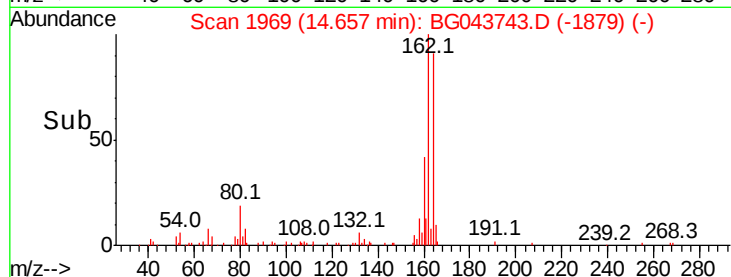
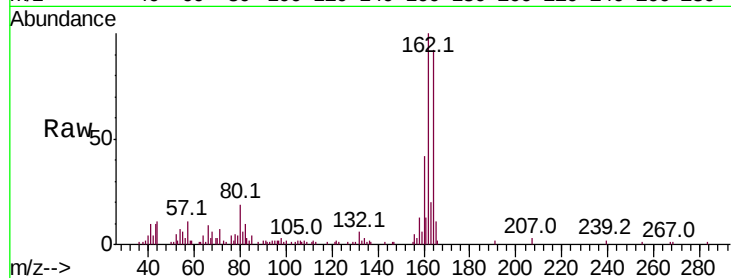
Tot Ion:164 Resp: 34245

Ion Ratio Lower Upper

164 100

162 108.5 80.6 121.0

160 45.5 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.223 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Tgt Ion:216 Resp: 10422

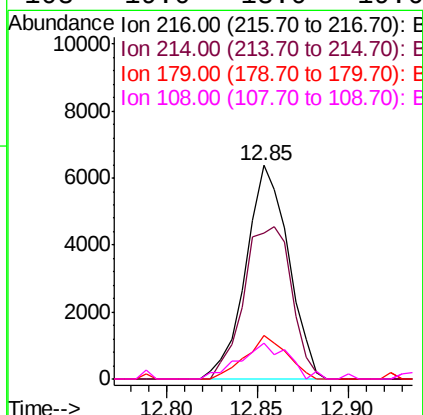
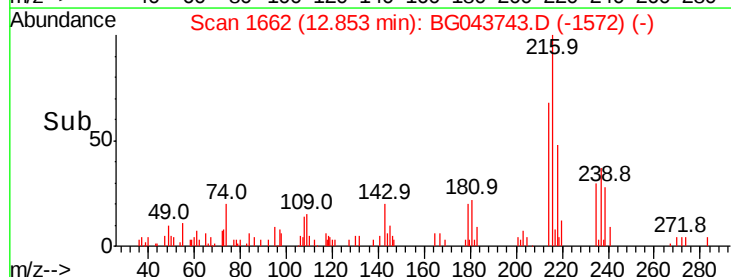
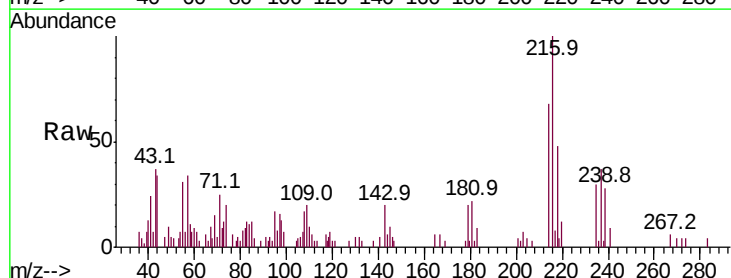
Ion Ratio Lower Upper

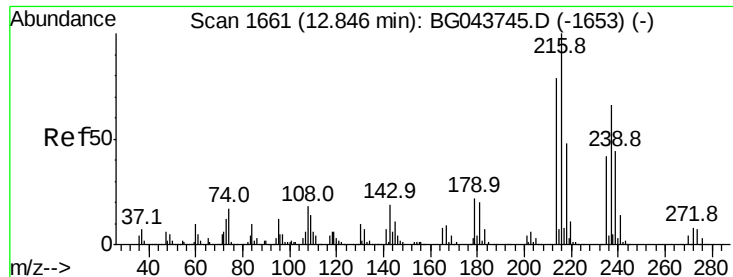
216 100

214 79.9 62.0 93.0

179 19.6 16.3 24.5

108 19.0 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 7.142 ng

RT: 12.85 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Instrument :

BNA_G

ClientSampleId :

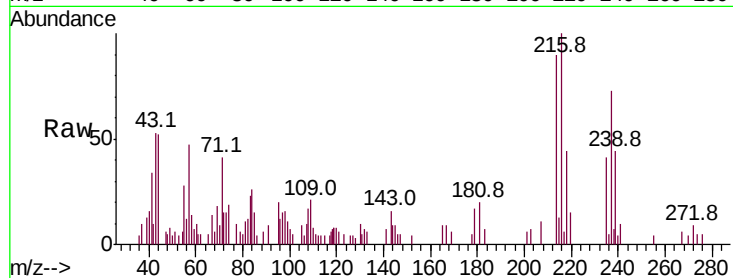
Tot Ion:237 Resp: 4755

Ion Ratio Lower Upper

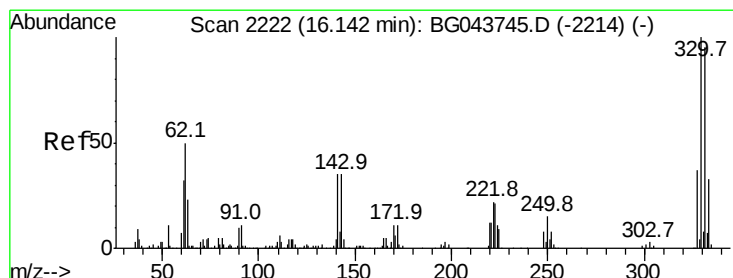
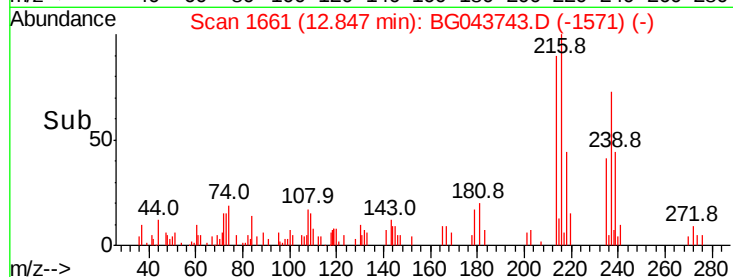
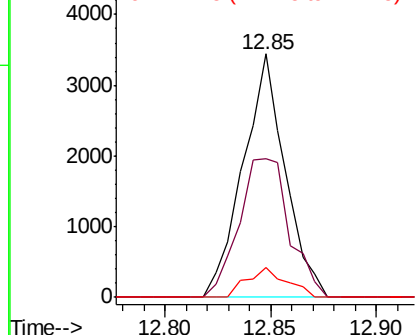
237 100

235 56.9 43.8 83.8

272 12.1 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: 15.871 ng

RT: 16.14 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

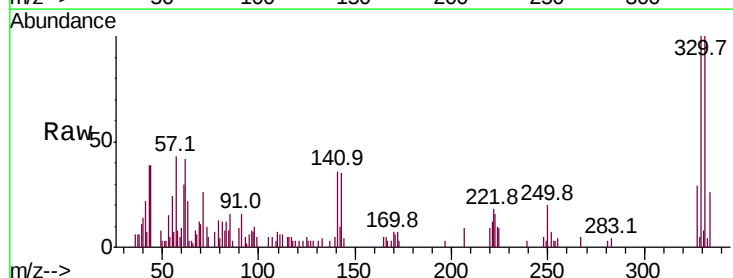
Tgt Ion:330 Resp: 10343

Ion Ratio Lower Upper

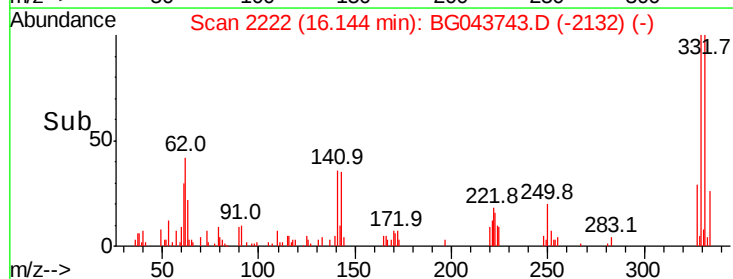
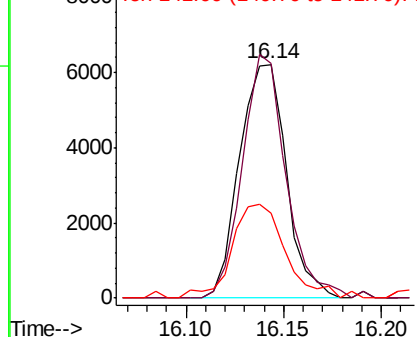
330 100

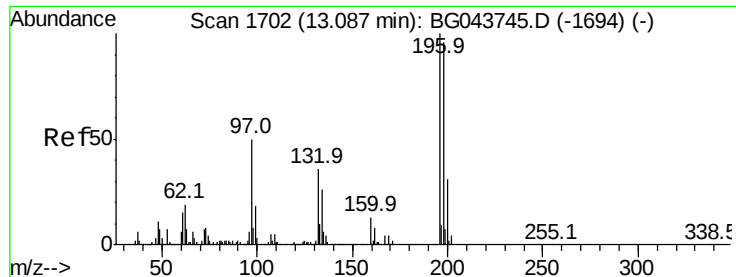
332 97.4 77.3 115.9

141 46.1 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

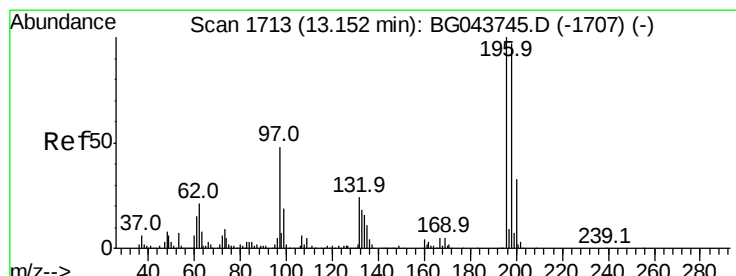
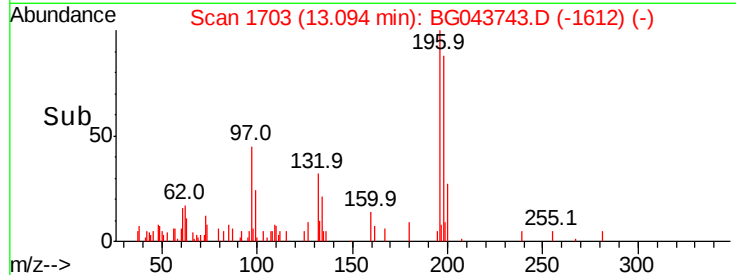
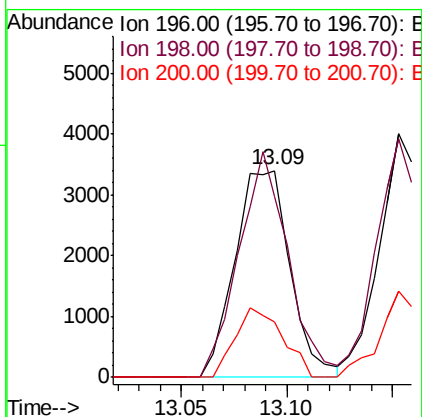
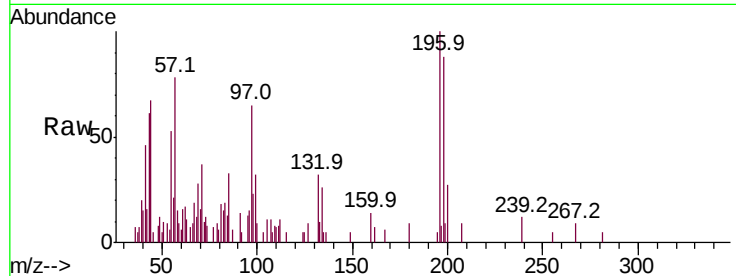




#43
 2,4,6-Trichlorophenol
 Concen: 8.282 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. 0.01 min
 Lab File: BG043743.D
 Acq: 22 Nov 2019 15:48

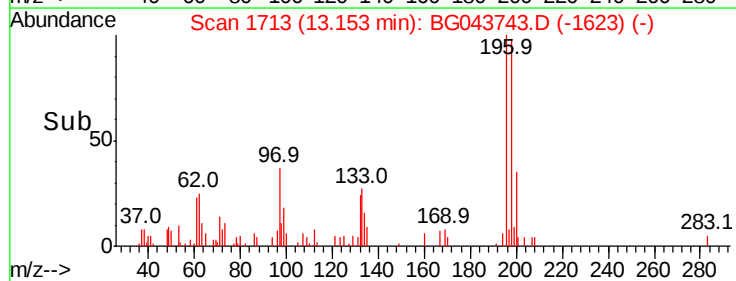
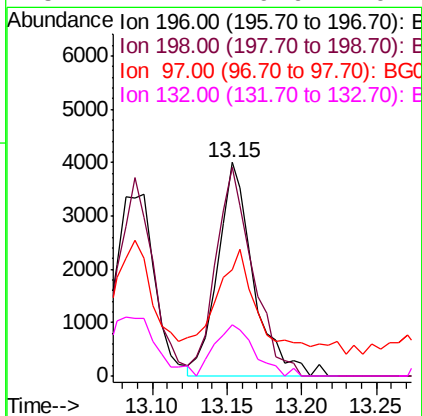
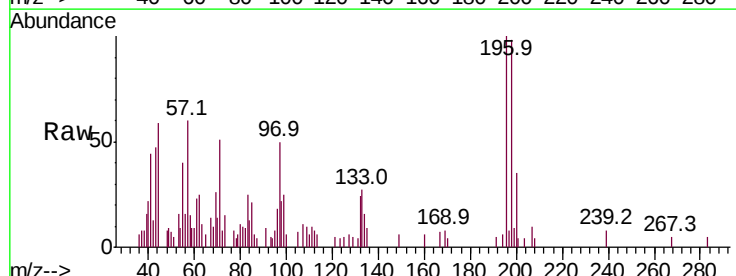
Instrument :
 BNA_G
 ClientSampleId :

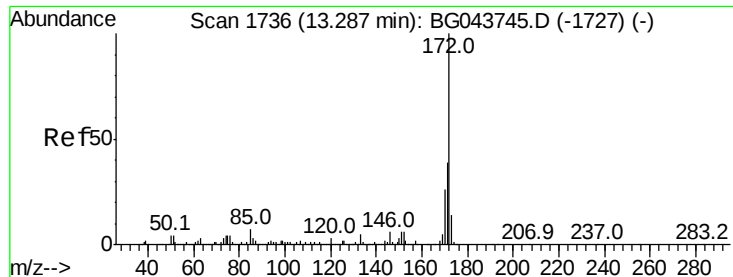
Tot Ion:196 Resp: 6181
 Ion Ratio Lower Upper
 196 100
 198 81.1 76.5 114.7
 200 24.9 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 8.923 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG043743.D
 Acq: 22 Nov 2019 15:48

Tgt Ion:196 Resp: 6733
 Ion Ratio Lower Upper
 196 100
 198 97.9 78.2 117.2
 97 49.5 39.1 58.7
 132 24.2 19.6 29.4

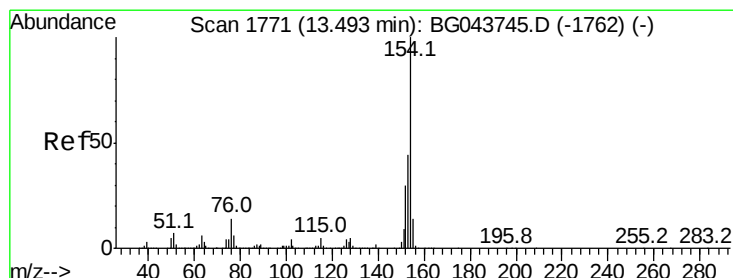
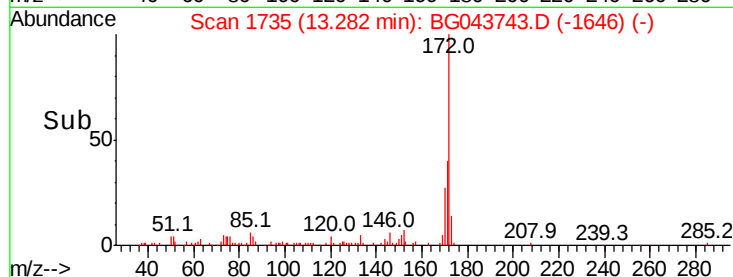
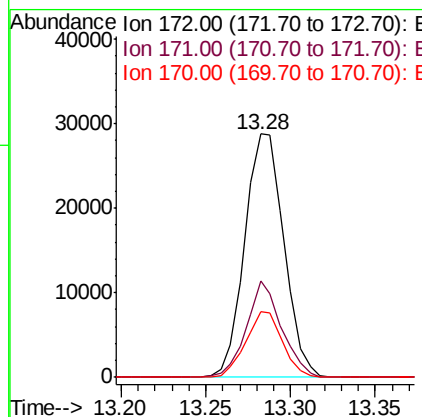
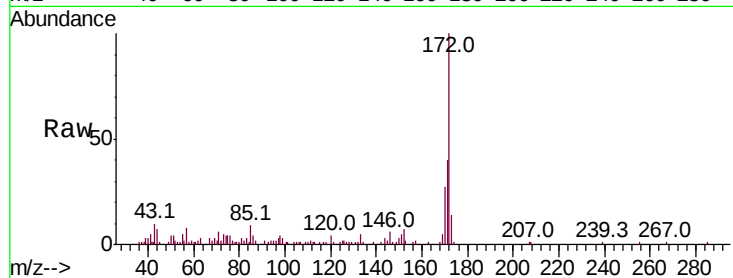




#45
2-Fluorobiphenyl
Concen: 18.708 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

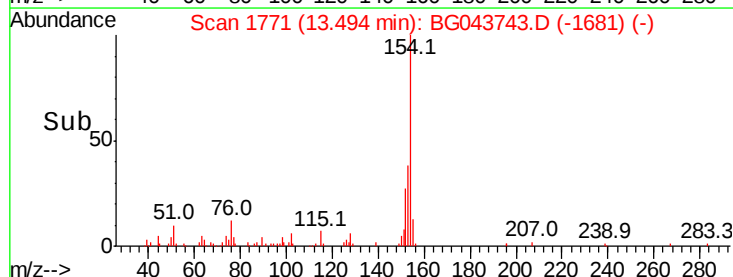
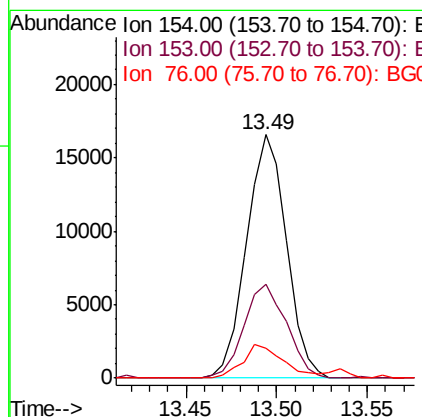
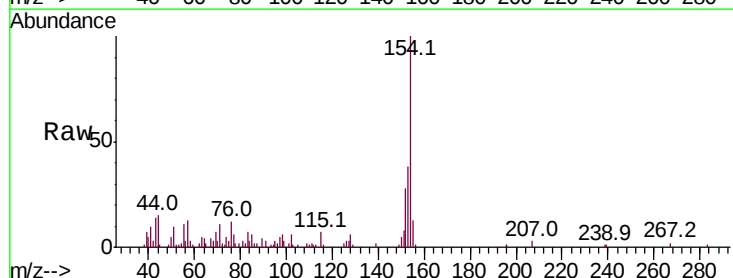
Instrument :
BNA_G
ClientSampleId :

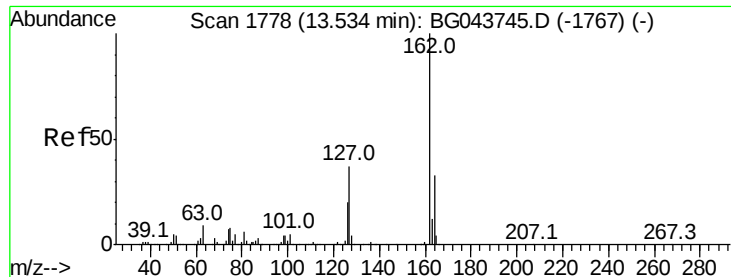
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.7	31.0	46.6
170	26.9	21.0	31.4



#46
1,1'-Biphenyl
Concen: 9.712 ng
RT: 13.49 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.5	23.5	63.5
76	12.3	0.0	33.6





#47

2-Chloronaphthalene

Concen: 9.918 ng

RT: 13.53 min Scan# 1777

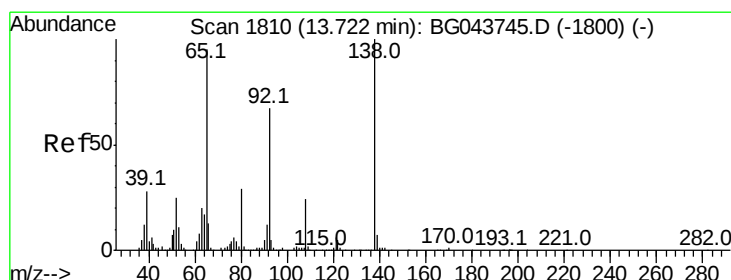
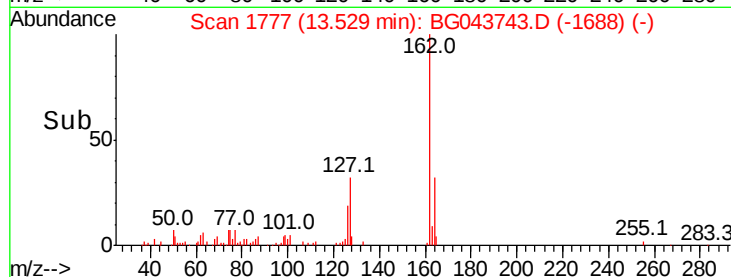
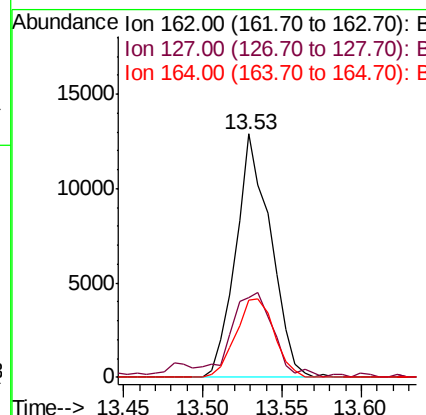
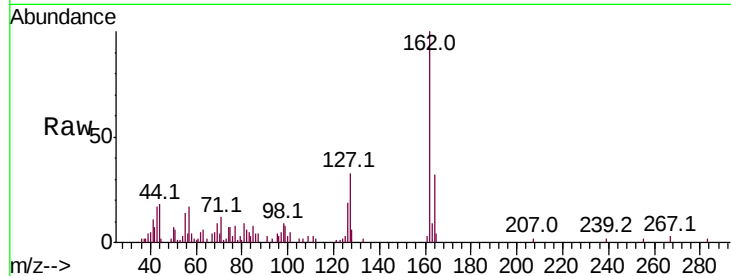
Delta R.T. -0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	33.0	30.0	45.0
164	32.0	26.4	39.6



#48

2-Nitroaniline

Concen: 8.863 ng

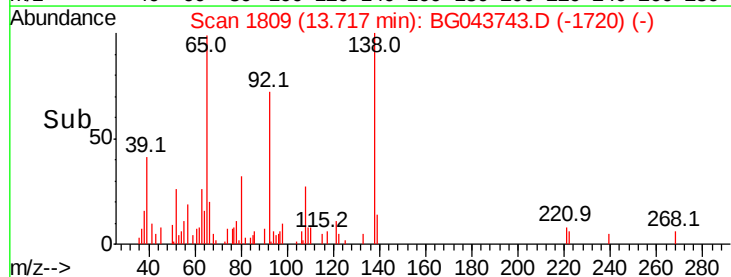
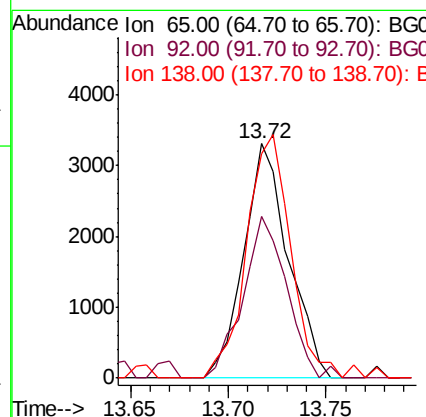
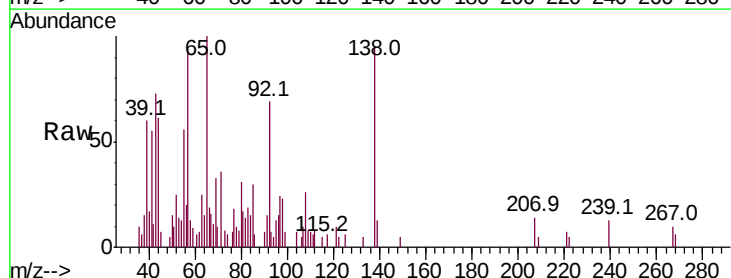
RT: 13.72 min Scan# 1809

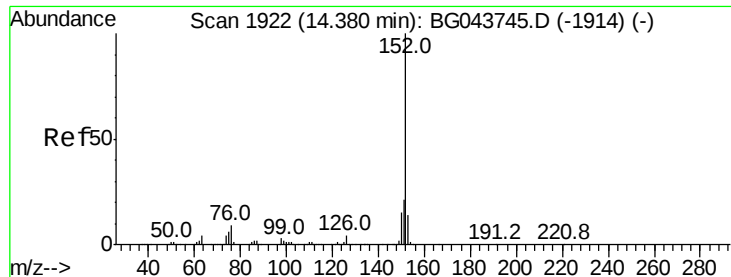
Delta R.T. -0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	56.1	84.1
138	95.4	84.2	126.4





#49

Acenaphthylene

Concen: 11.484 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

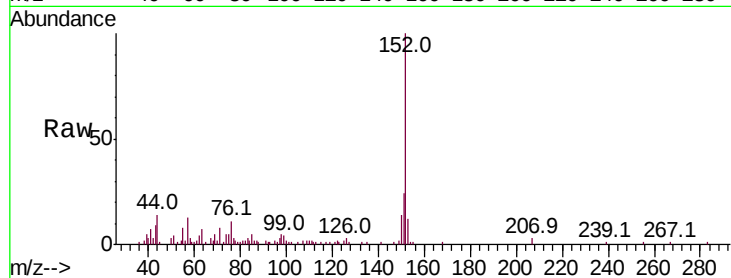
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 35427

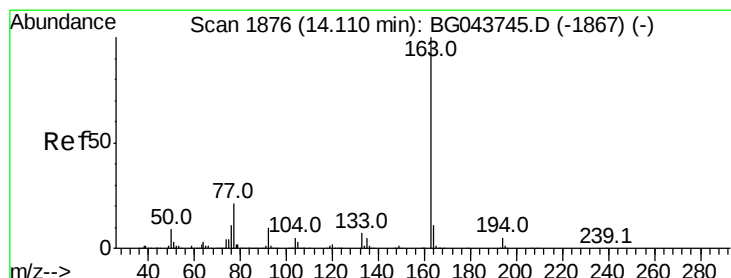
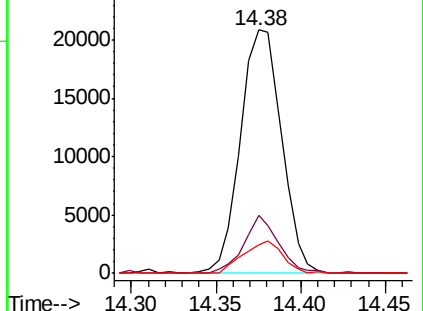
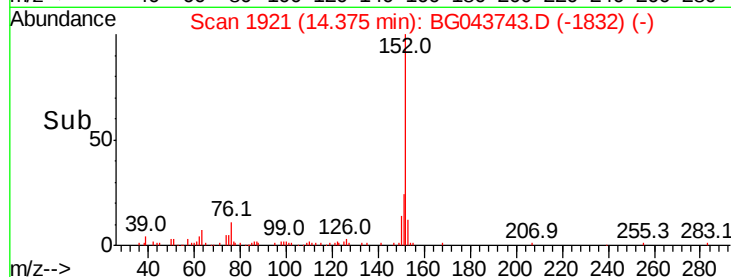
Ion	Ratio	Lower	Upper
152	100		
151	23.8	17.0	25.6
153	11.5	10.8	16.2



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: 13.733 ng

RT: 14.11 min Scan# 1876

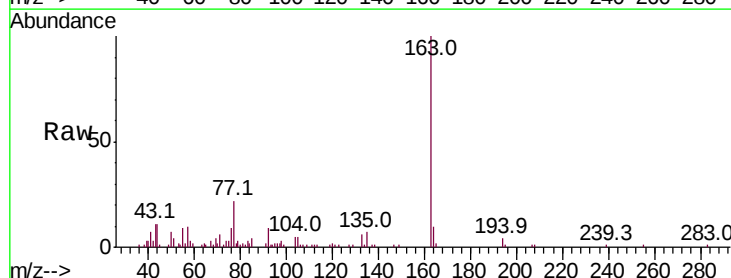
Delta R.T. 0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Tgt Ion:163 Resp: 36426

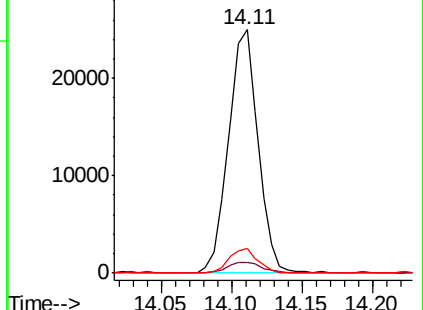
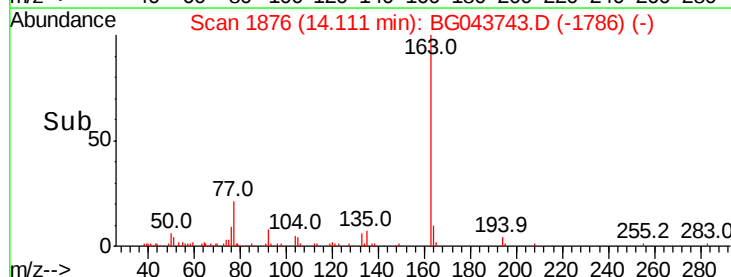
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	10.1	8.7	13.1

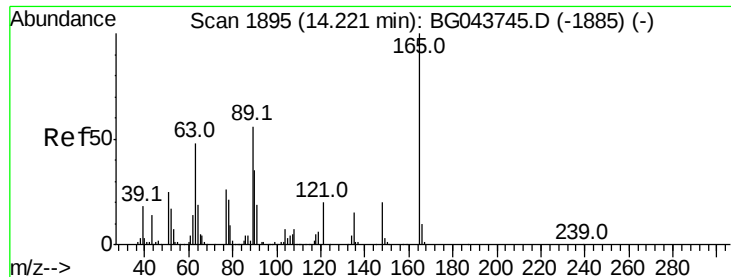


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

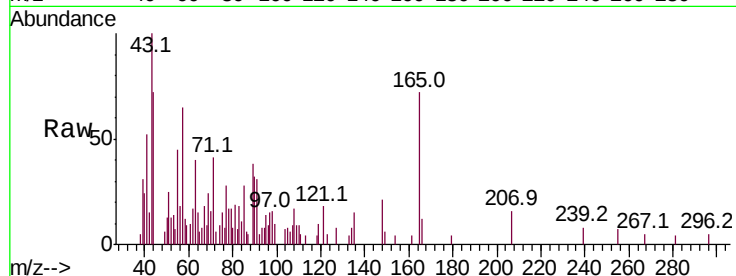




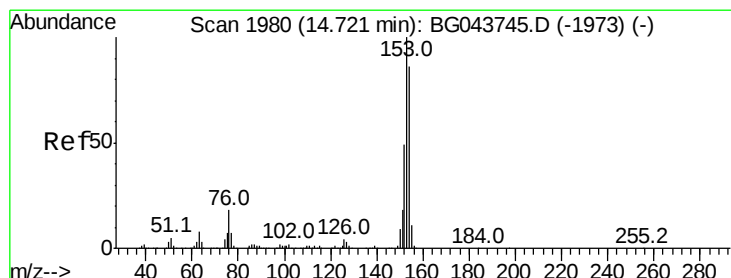
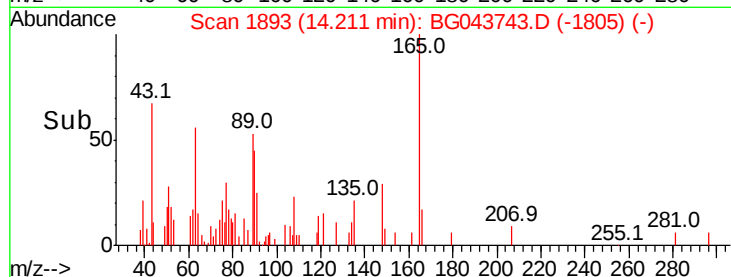
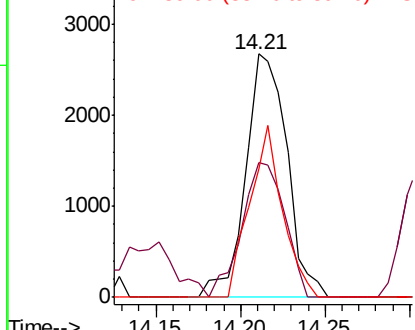
#51
2,6-Dinitrotoluene
Concen: 7.882 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 4542
Ion Ratio Lower Upper
165 100
63 55.6 43.4 65.2
89 52.8 44.6 67.0

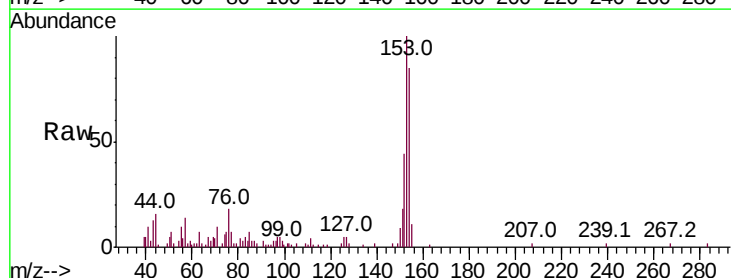


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

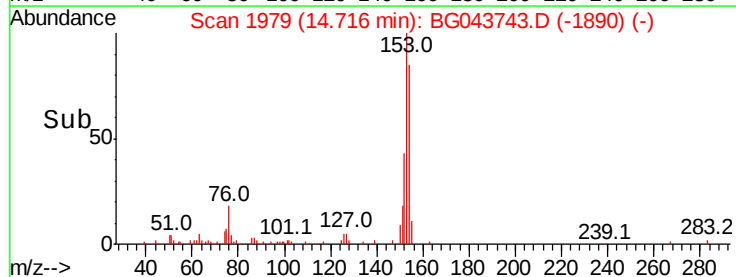
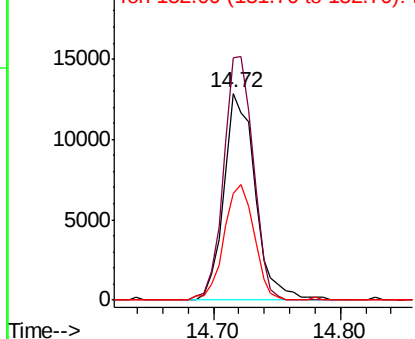


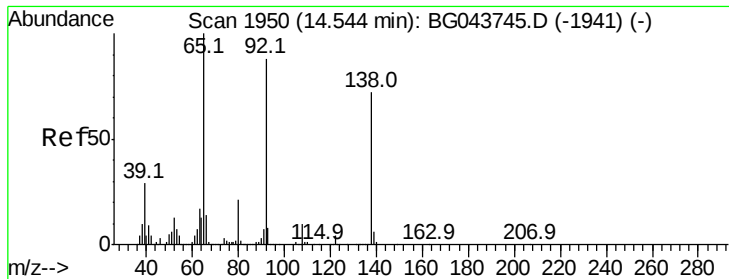
#52
Acenaphthene
Concen: 11.659 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Tgt Ion:154 Resp: 21934
Ion Ratio Lower Upper
154 100
153 117.0 92.9 139.3
152 51.8 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: 11.306 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Instrument :

BNA_G

ClientSampleId :

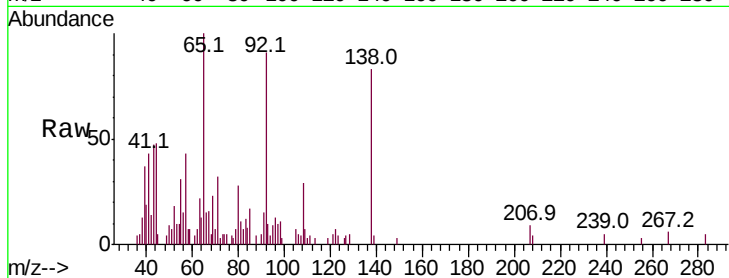
Tot Ion:138 Resp: 6290

Ion Ratio Lower Upper

138 100

108 34.9 11.7 17.5#

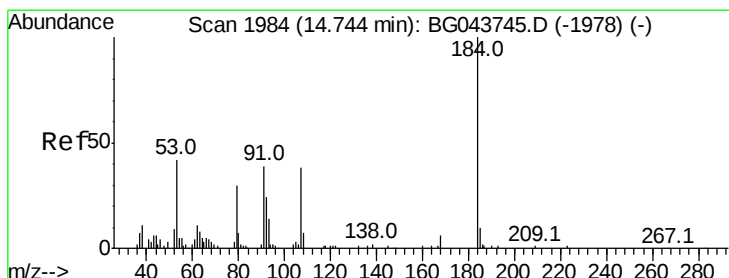
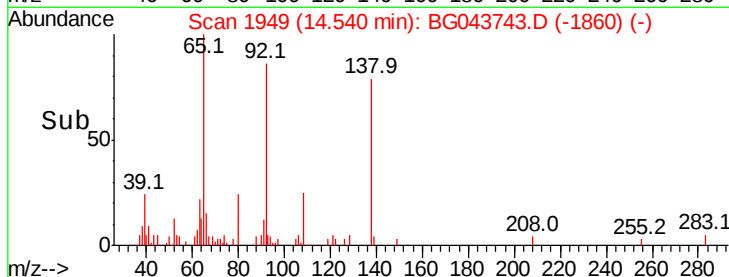
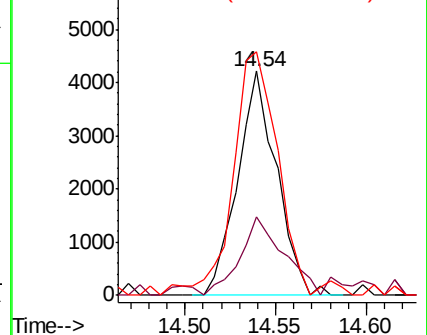
92 108.6 97.2 145.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 5.851 ng

RT: 14.75 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

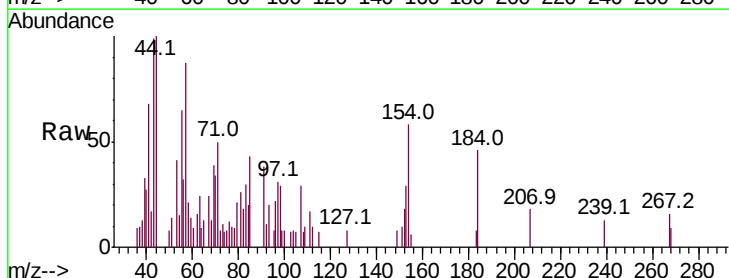
Tgt Ion:184 Resp: 1780

Ion Ratio Lower Upper

184 100

63 51.8 52.4 78.6#

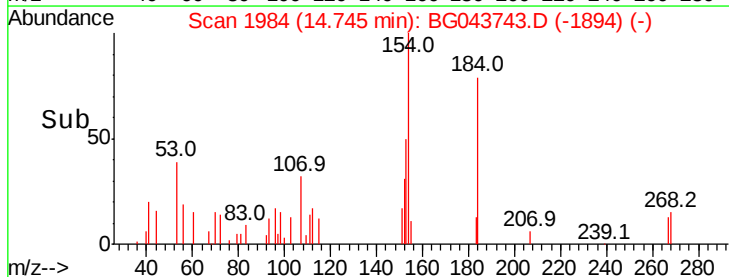
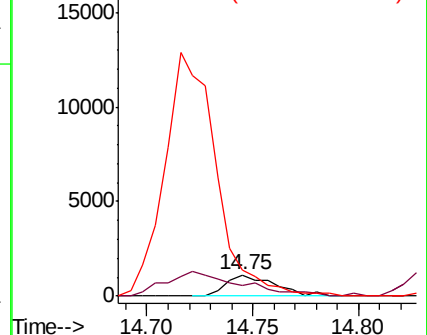
154 126.3 92.8 139.2

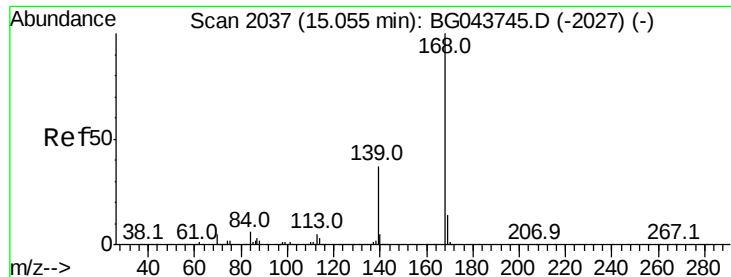


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 12.361 ng

RT: 15.06 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Instrument :

BNA_G

ClientSampleId :

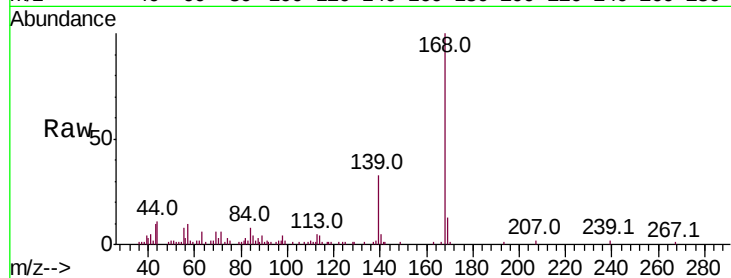
Tot Ion:168 Resp: 37712

Ion Ratio Lower Upper

168 100

139 32.6 29.4 44.2

169 12.7 11.3 16.9

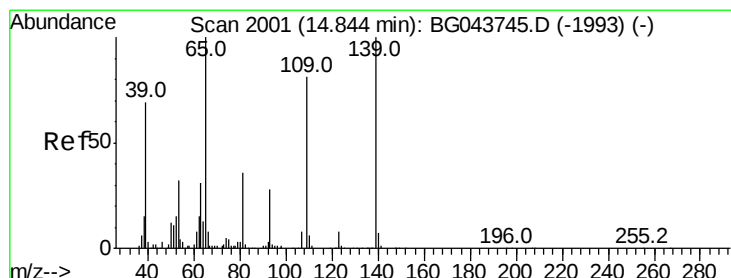
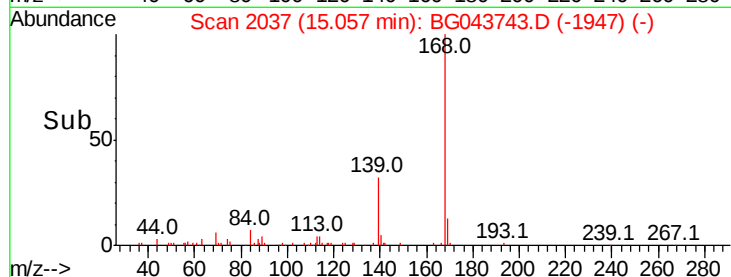
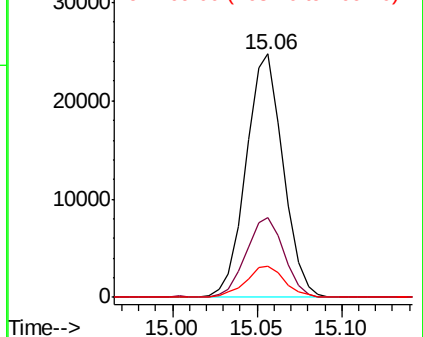


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 17.691 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

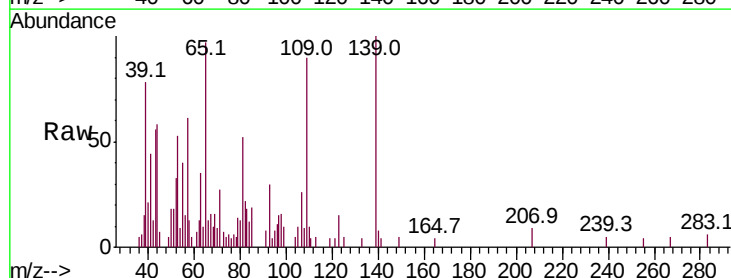
Tgt Ion:139 Resp: 6596

Ion Ratio Lower Upper

139 100

109 90.3 61.4 101.4

65 96.7 80.3 120.3

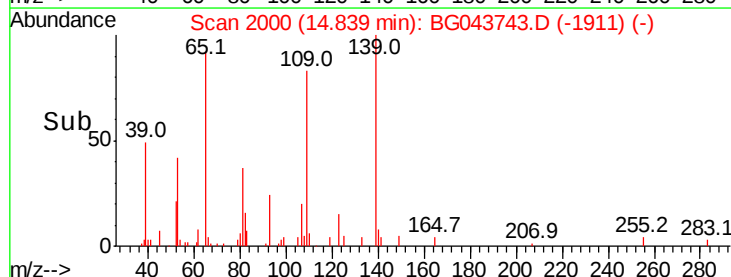
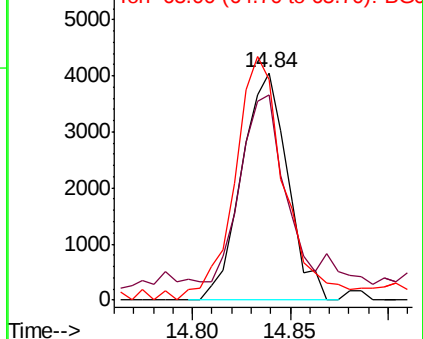


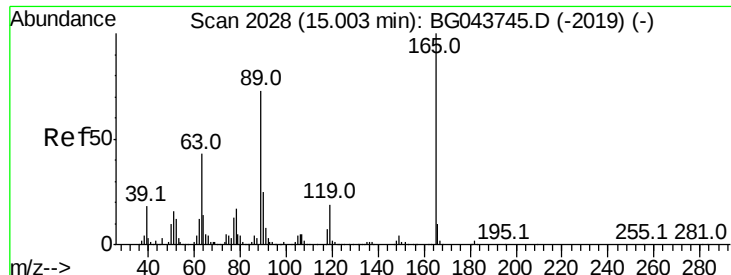
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

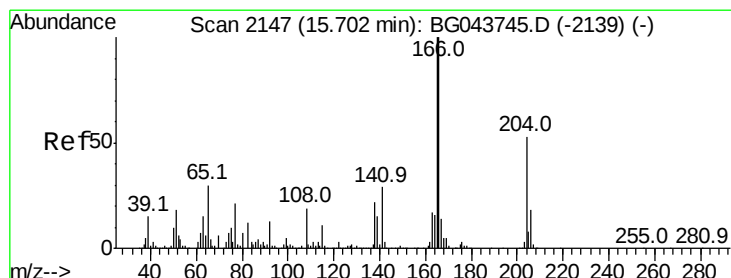
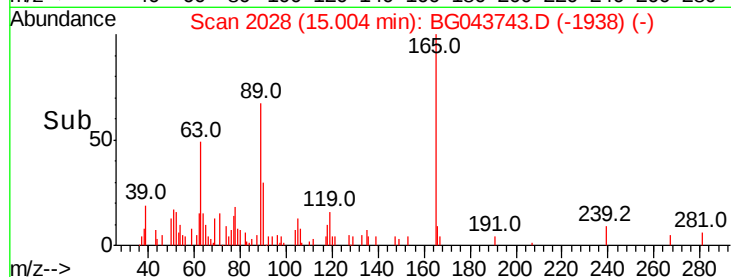
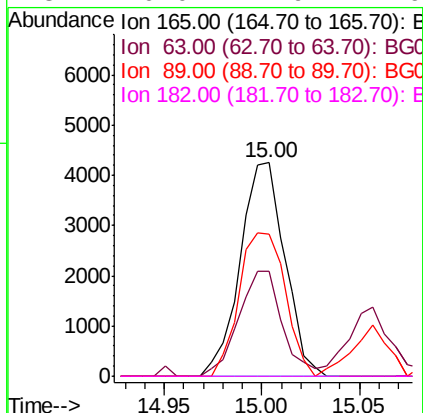
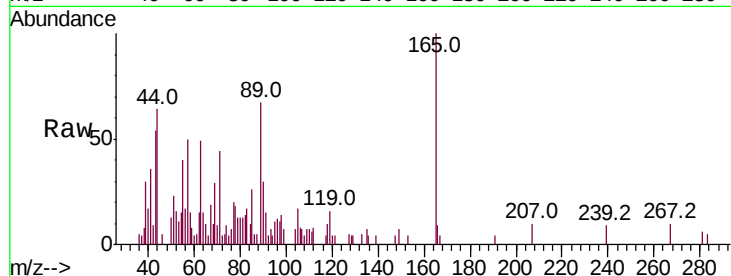




#57
2,4-Dinitrotoluene
Concen: 8.185 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

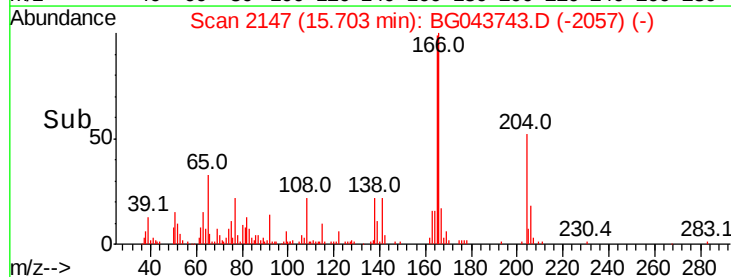
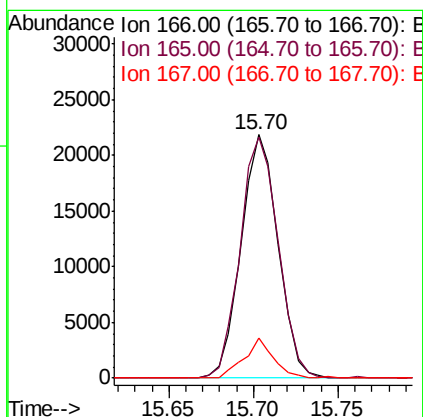
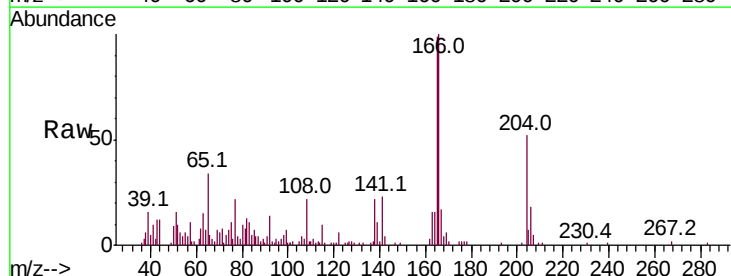
Instrument :
BNA_G
ClientSampleId :

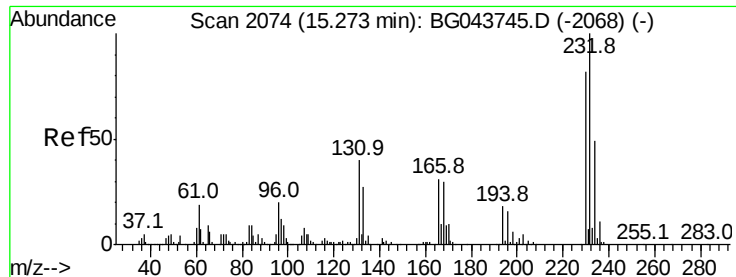
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.9	34.6	51.8
89	66.7	58.3	87.5
182	0.0	1.9	2.9



#58
Fluorene
Concen: 12.962 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.9	119.9
167	16.5	11.4	17.0

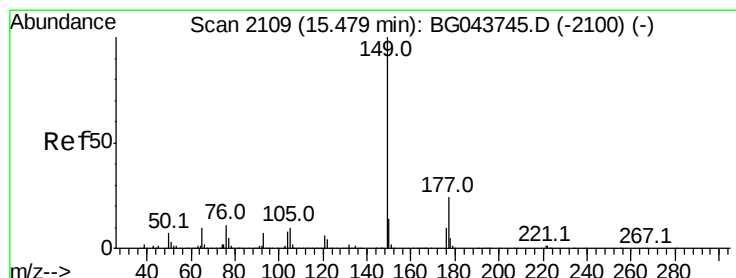
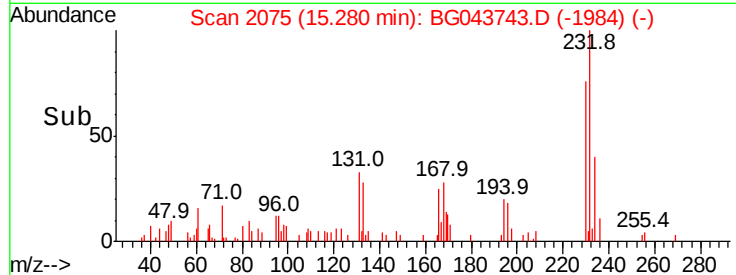
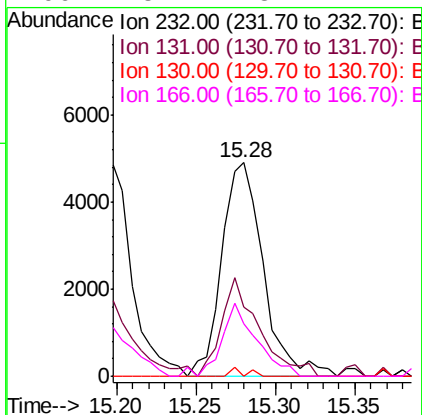
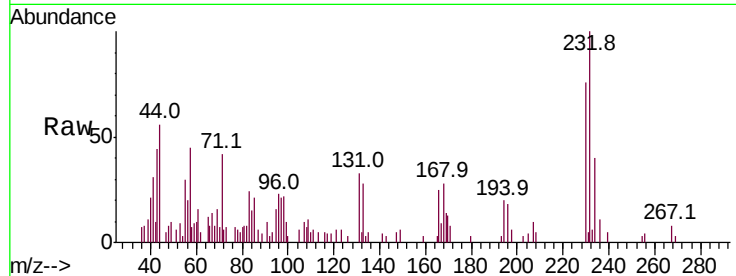




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 11.058 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.01 min
 Lab File: BG043743.D
 Acq: 22 Nov 2019 15:48

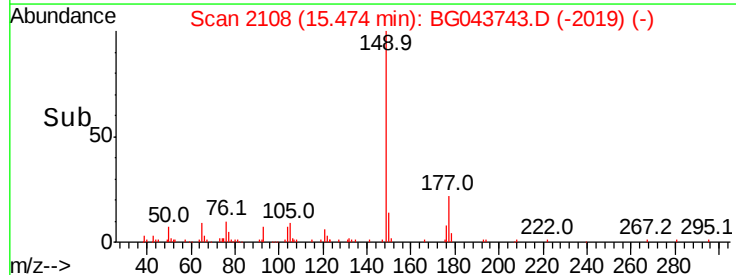
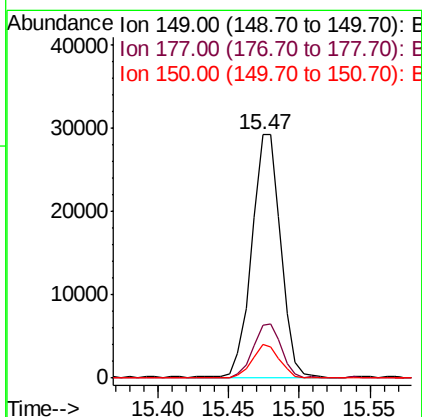
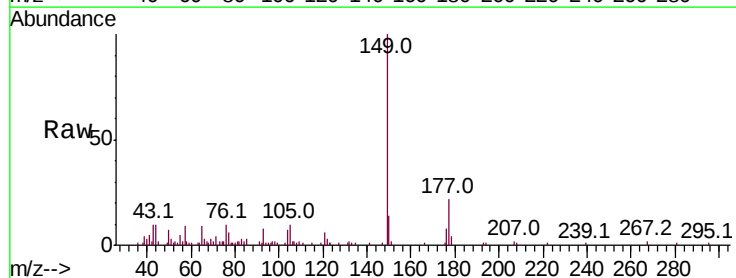
Instrument :
 BNA_G
 ClientSampleId :

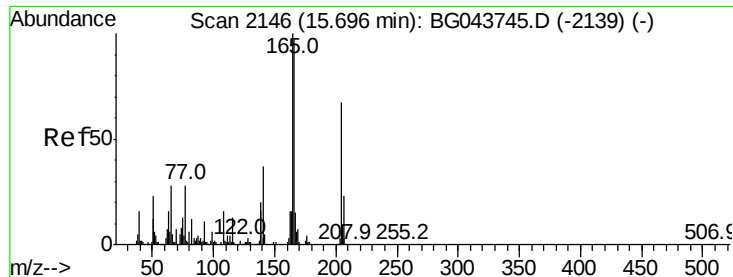
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.8	27.0	40.6#
130	1.4	1.6	2.4#
166	28.7	18.2	27.2#



#60
 Diethylphthalate
 Concen: 15.922 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BG043743.D
 Acq: 22 Nov 2019 15:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	19.3	28.9
150	14.1	11.1	16.7

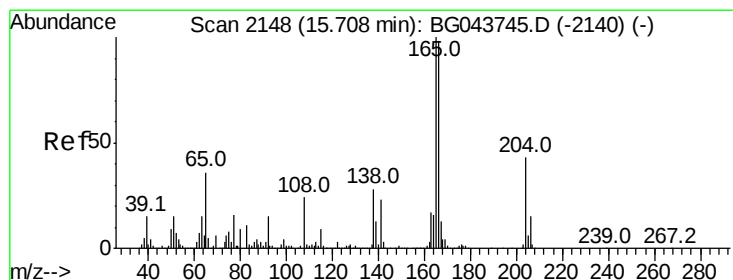
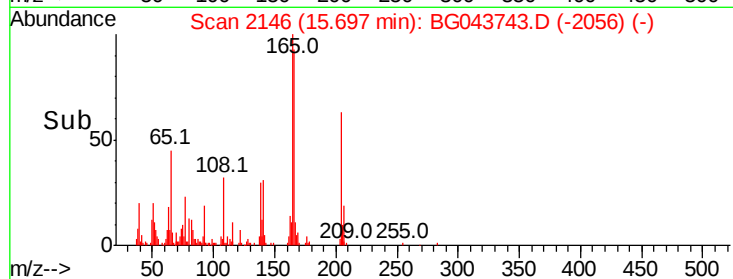
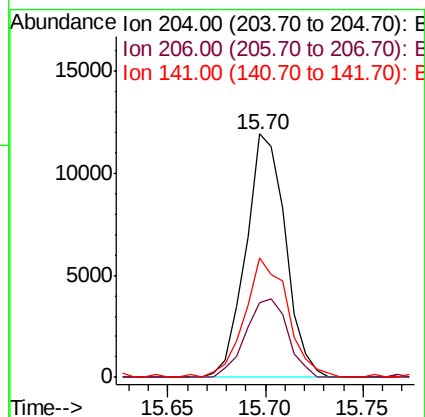
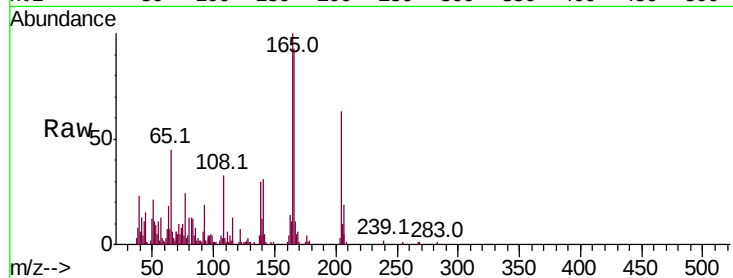




#61
4-Chlorophenyl-phenylether
Concen: 11.227 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

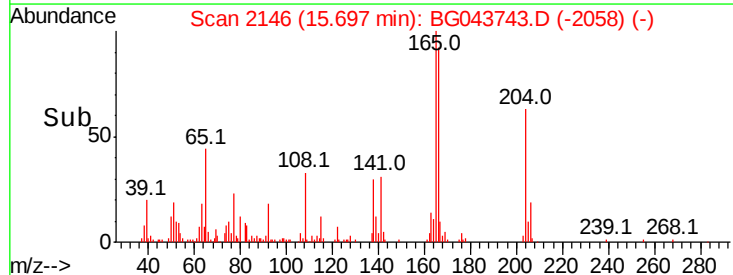
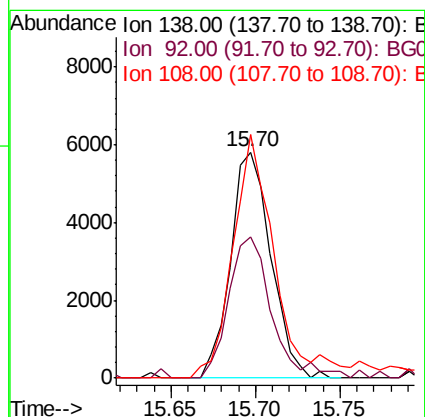
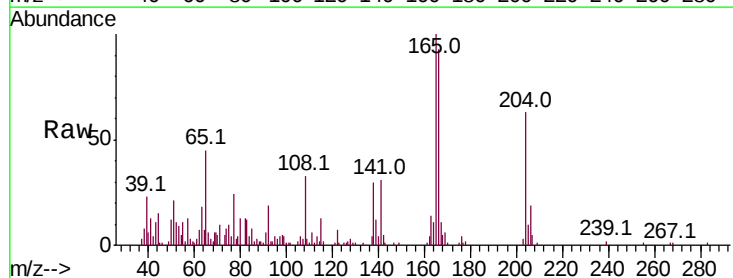
Instrument :
BNA_G
ClientSampleId :

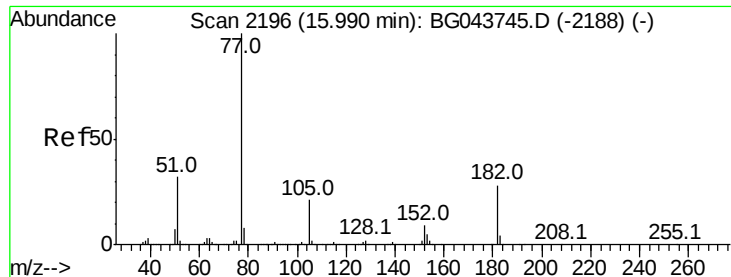
Tot Ion	Ratio	Lower	Upper
204	100		
206	30.4	27.4	41.0
141	49.0	44.3	66.5



#62
4-Nitroaniline
Concen: 16.779 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.4	34.6	74.6
108	107.9	65.7	105.7#





#63

Azobenzene

Concen: 16.198 ng

RT: 15.99 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 34939

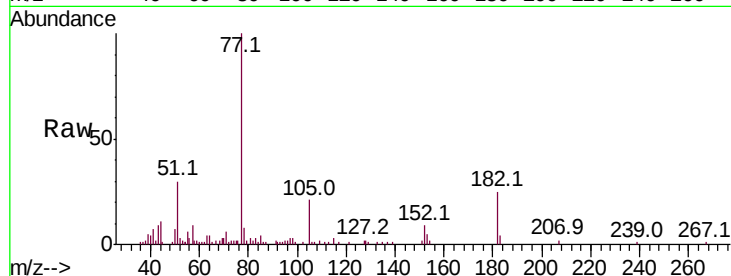
Ion Ratio Lower Upper

77 100

182 25.2 7.6 47.6

105 21.1 0.7 40.7

51 30.0 12.1 52.1

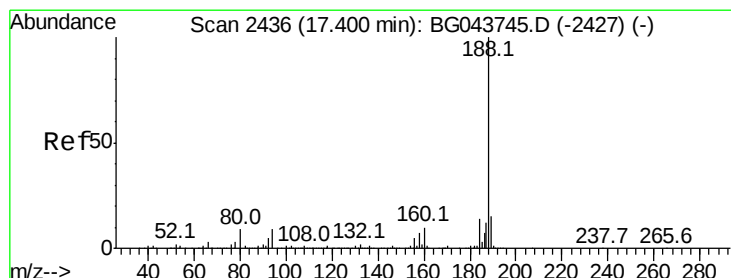
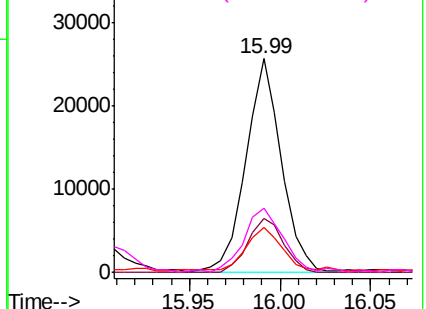
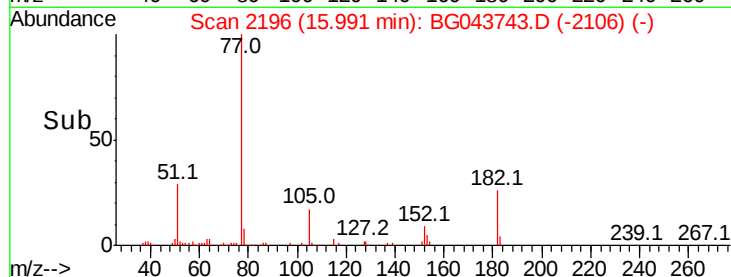


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG043743.D

Acq: 22 Nov 2019 15:48

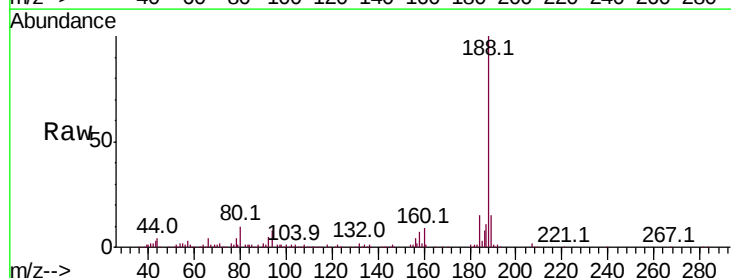
Tgt Ion: 188 Resp: 138484

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

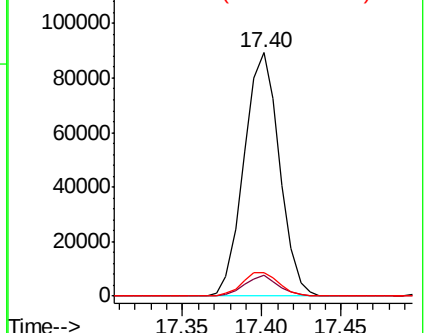
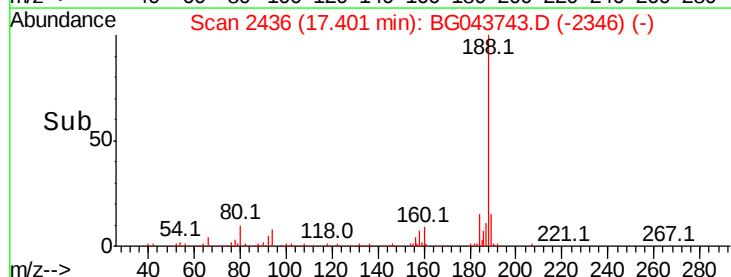
80 9.5 7.5 11.3

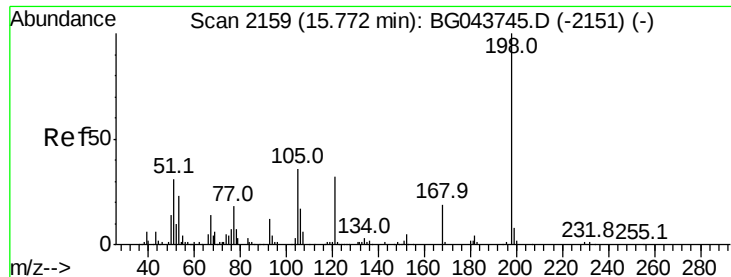


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 3.780 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Instrument :

BNA_G

ClientSampleId :

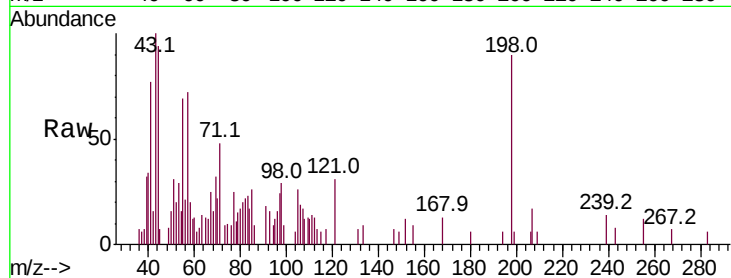
Tot Ion:198 Resp: 3081

Ion Ratio Lower Upper

198 100

51 34.4 16.8 56.8

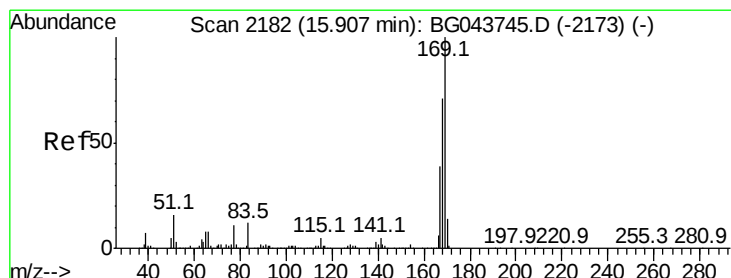
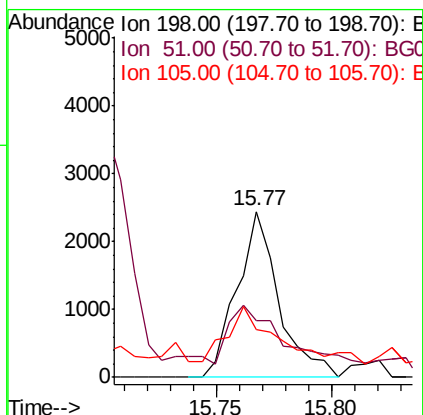
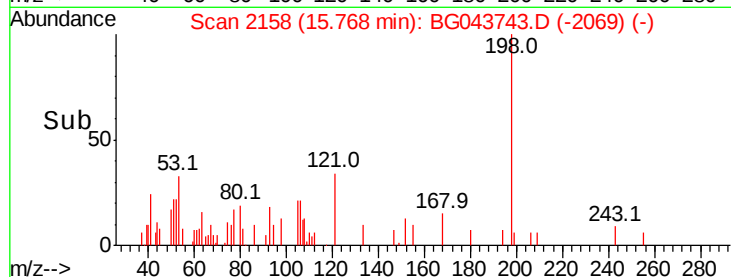
105 28.9 17.3 57.3



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: 8.585 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

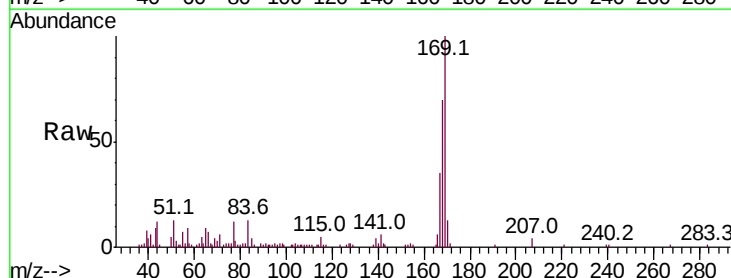
Tgt Ion:169 Resp: 33565

Ion Ratio Lower Upper

169 100

168 70.2 56.6 85.0

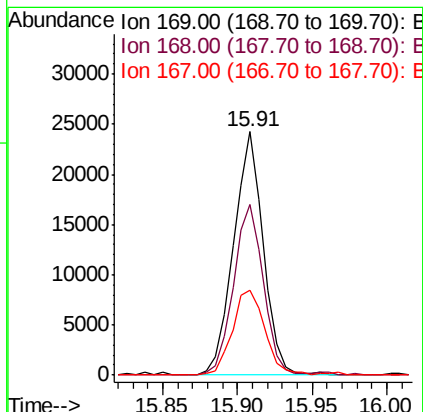
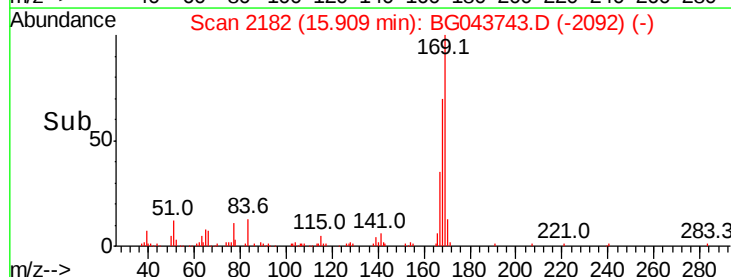
167 34.9 30.8 46.2

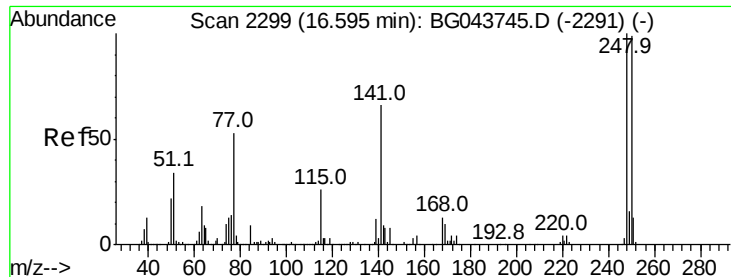


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

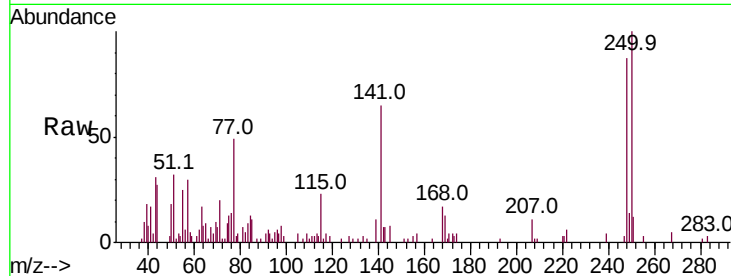




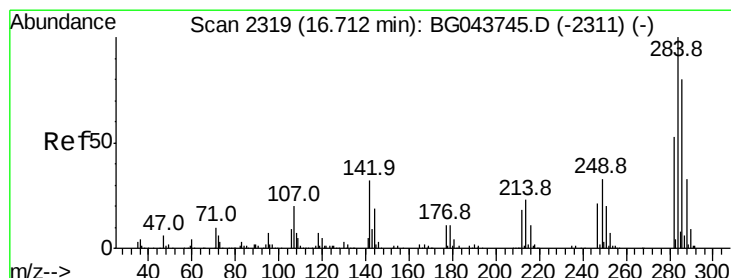
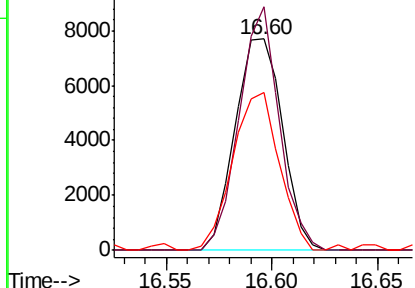
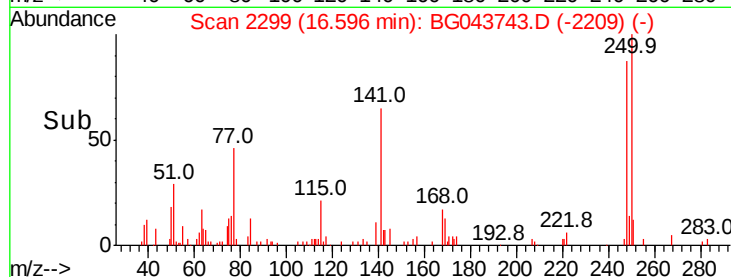
#67
4-Bromophenyl-phenylether
Concen: 6.432 ng
RT: 16.60 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 11988
Ion Ratio Lower Upper
248 100
250 115.3 79.3 118.9
141 75.1 53.0 79.6

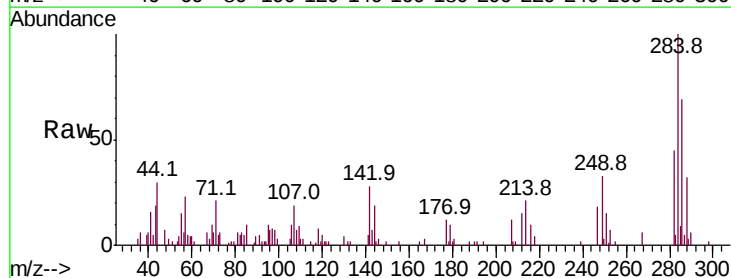


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

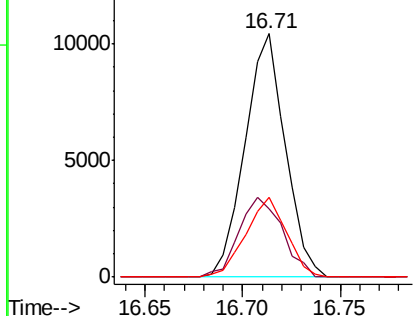
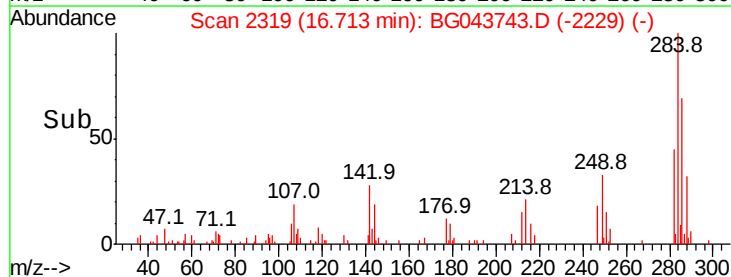


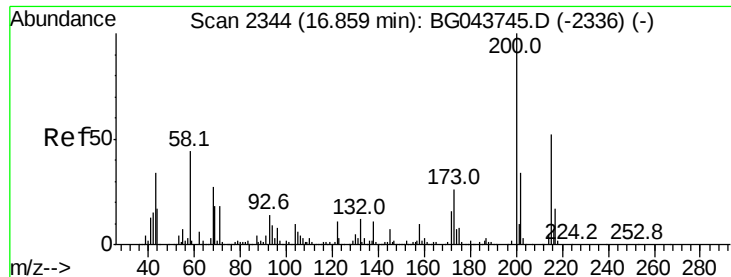
#68
Hexachlorobenzene
Concen: 6.966 ng
RT: 16.71 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Tgt Ion:284 Resp: 14902
Ion Ratio Lower Upper
284 100
142 28.1 25.4 38.0
249 35.6 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

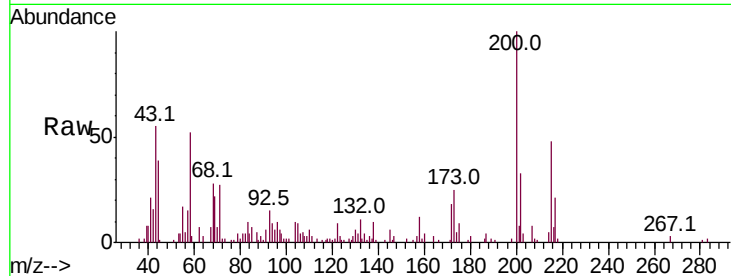




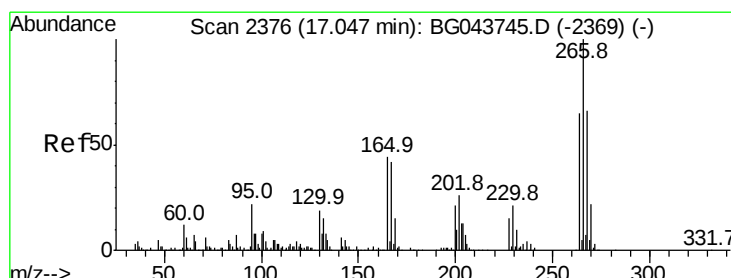
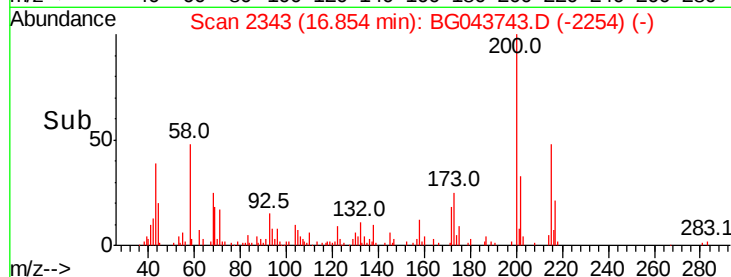
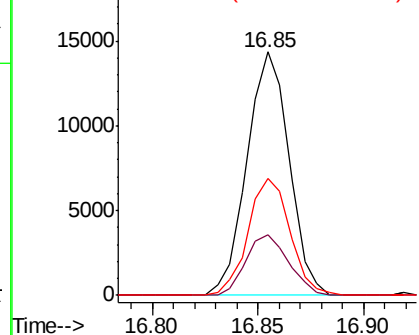
#69
Atrazine
Concen: 14.581 ng
RT: 16.85 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:200 Resp: 19809
Ion Ratio Lower Upper
200 100
173 24.7 6.0 46.0
215 48.3 32.4 72.4

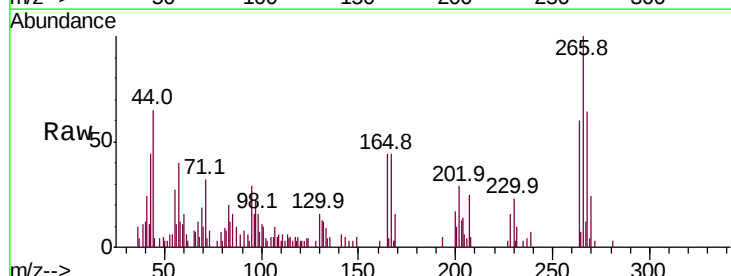


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

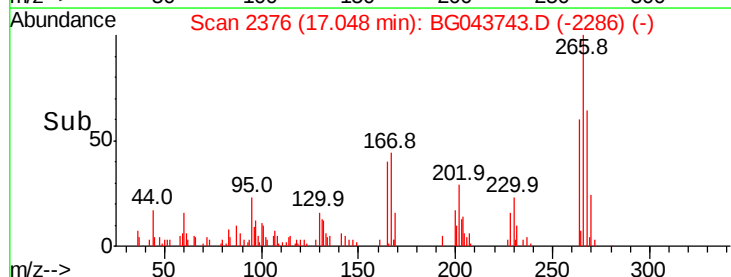
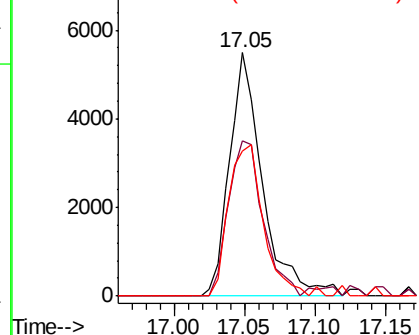


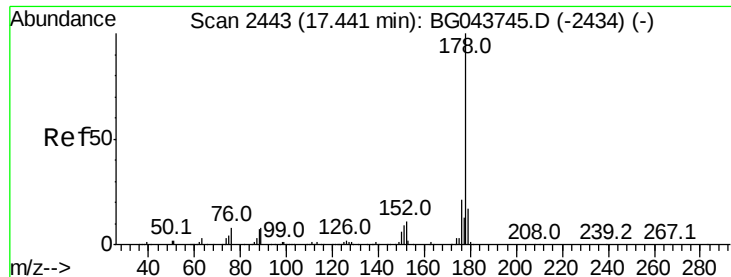
#70
Pentachlorophenol
Concen: 9.197 ng
RT: 17.05 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Tgt Ion:266 Resp: 8965
Ion Ratio Lower Upper
266 100
268 64.0 52.9 79.3
264 59.7 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

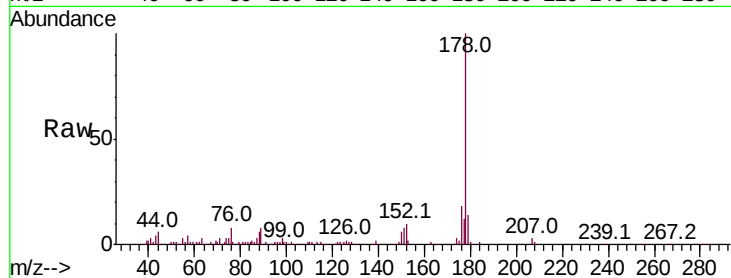




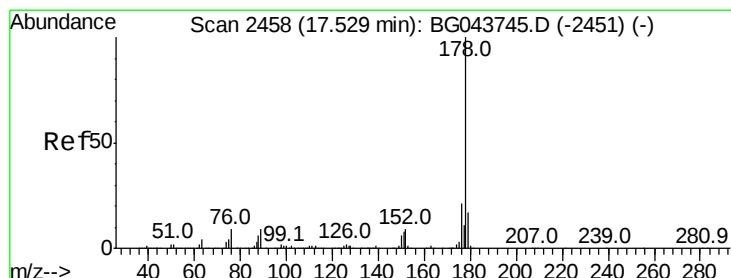
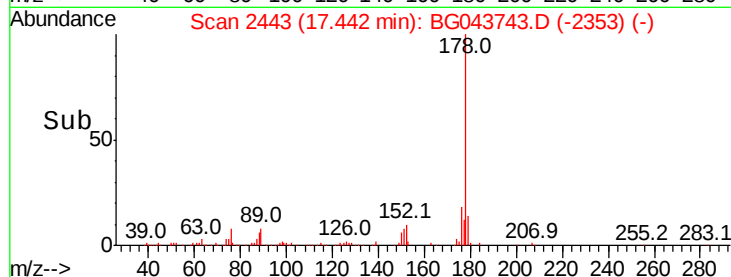
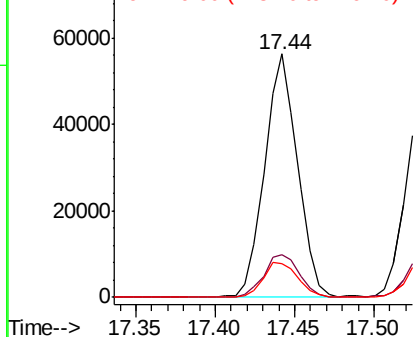
#71
Phenanthrene
Concen: 11.444 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 81156
Ion Ratio Lower Upper
178 100
176 17.7 16.9 25.3
179 13.8 13.5 20.3

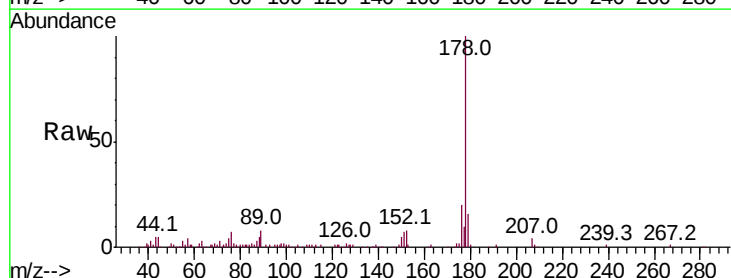


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

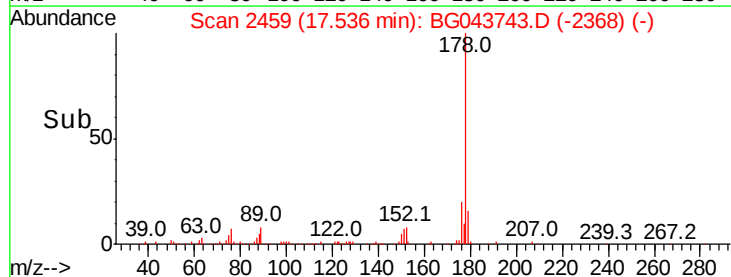
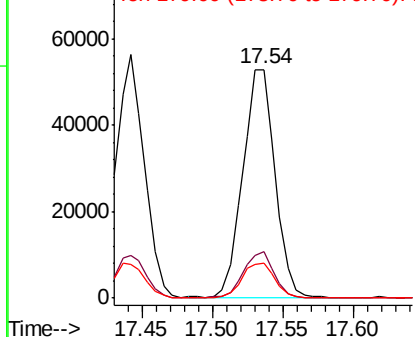


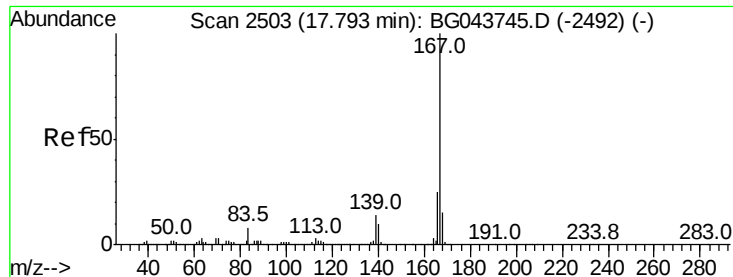
#72
Anthracene
Concen: 11.969 ng
RT: 17.54 min Scan# 2459
Delta R.T. 0.01 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Tgt Ion:178 Resp: 84920
Ion Ratio Lower Upper
178 100
176 20.2 16.5 24.7
179 15.5 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

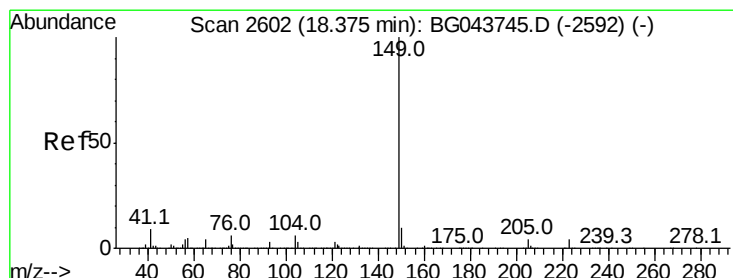
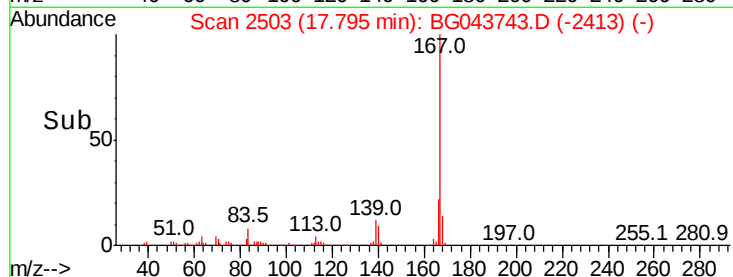
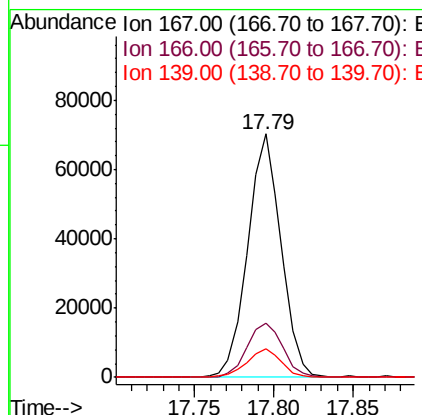
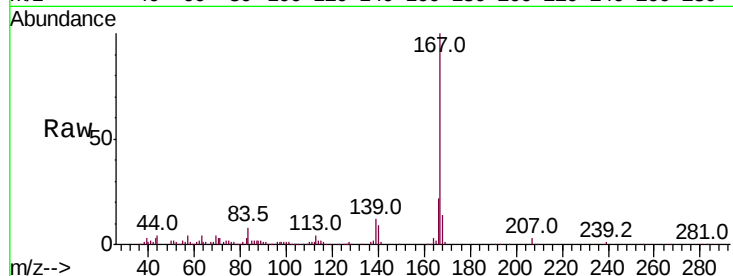




#73
 Carbazole
 Concen: 15.913 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. 0.00 min
 Lab File: BG043743.D
 Acq: 22 Nov 2019 15:48

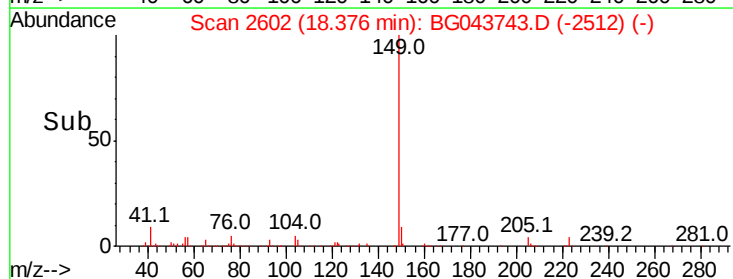
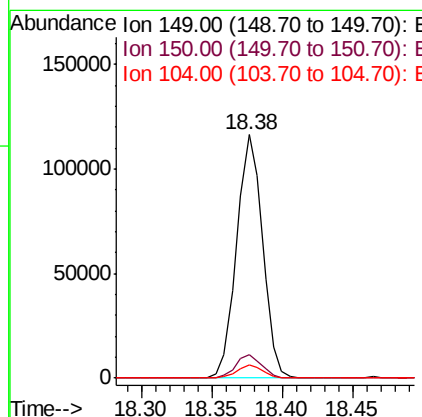
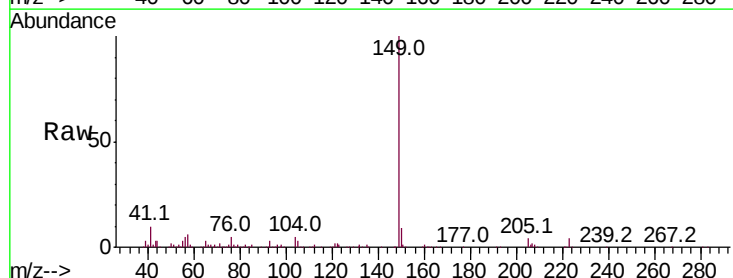
Instrument :
 BNA_G
 ClientSampleId :

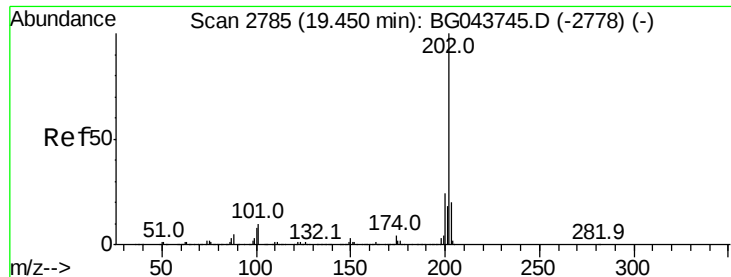
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	19.8	29.6
139	12.0	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 19.169 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: BG043743.D
 Acq: 22 Nov 2019 15:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.4	12.6
104	5.5	4.6	7.0





#75

Fluoranthene

Concen: 19.795 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG043743.D

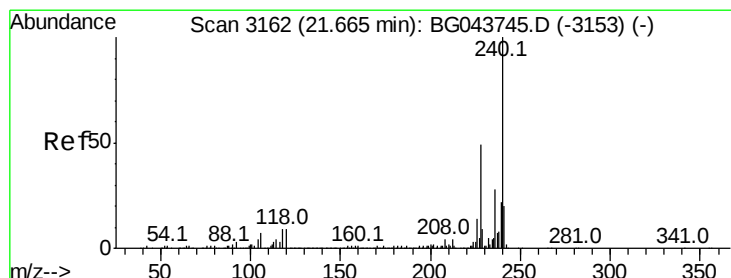
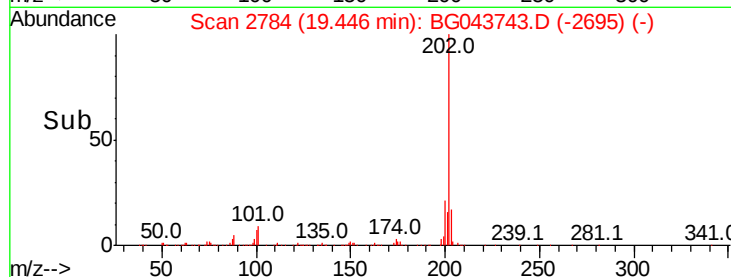
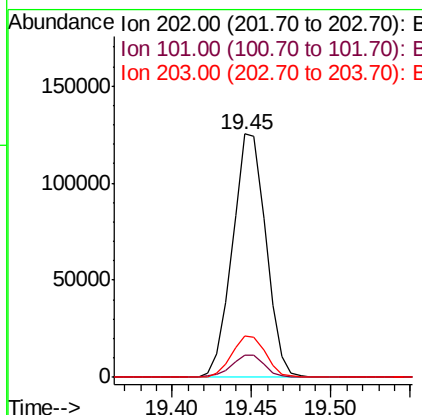
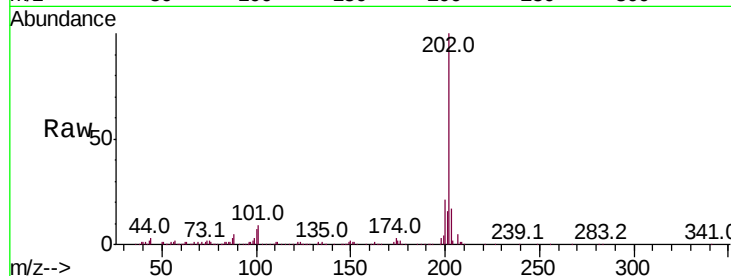
Acq: 22 Nov 2019 15:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	183005
Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	30.1
203	16.9	0.0	39.7



#76

Chrysene-d12

Concen: 20.000 ng

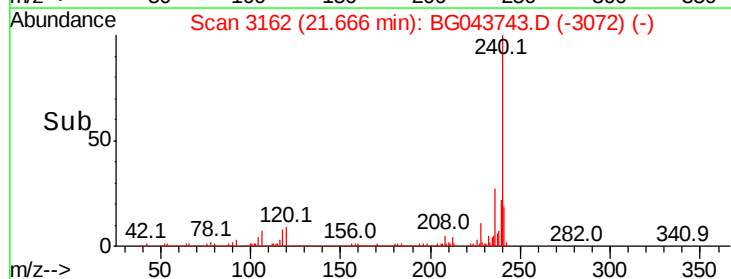
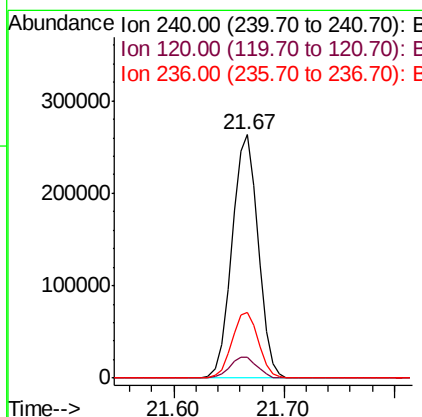
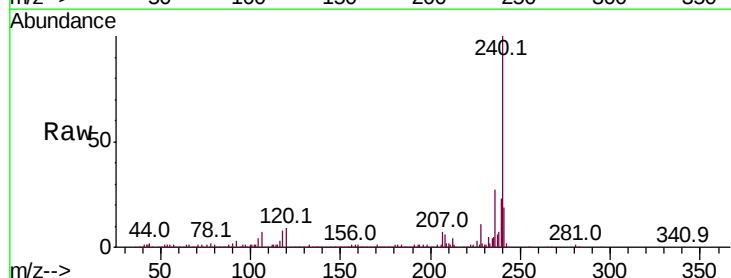
RT: 21.67 min Scan# 3162

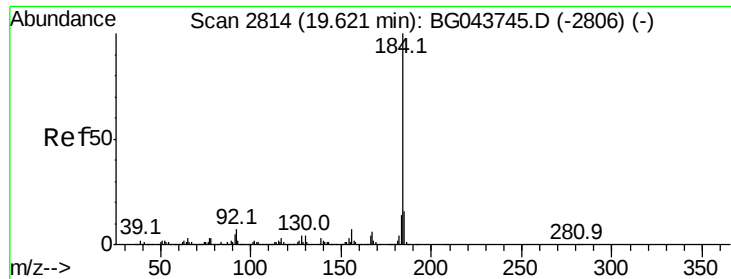
Delta R.T. 0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Tgt Ion:	240	Resp:	437424
Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.5	11.3
236	27.0	22.6	34.0





#77

Benzidine

Concen: 13.923 ng

RT: 19.62 min Scan# 2814

Delta R.T. 0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Instrument :

BNA_G

ClientSampleId :

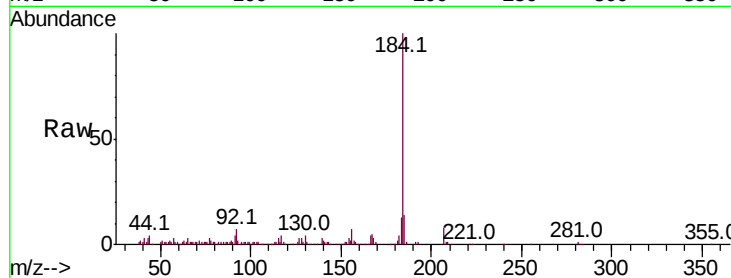
Tot Ion:184 Resp: 122569

Ion Ratio Lower Upper

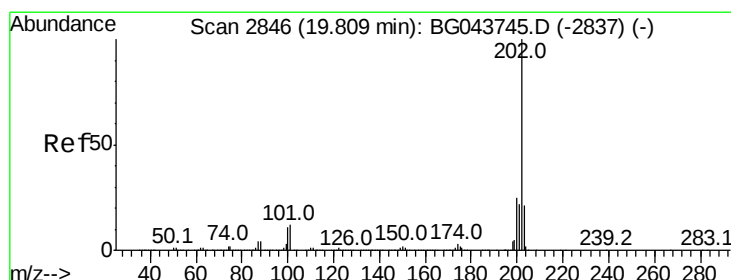
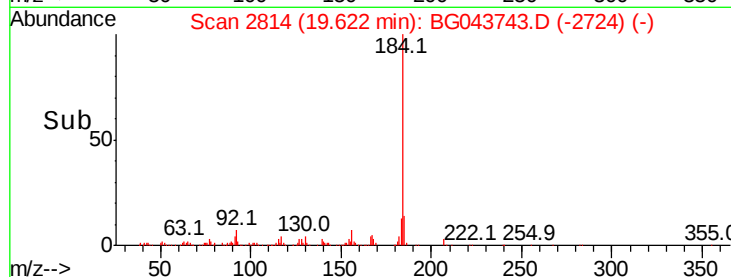
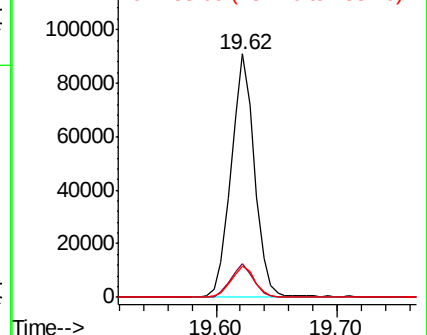
184 100

185 13.8 12.8 19.2

183 12.8 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



#78

Pyrene

Concen: 7.385 ng

RT: 19.81 min Scan# 2846

Delta R.T. 0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

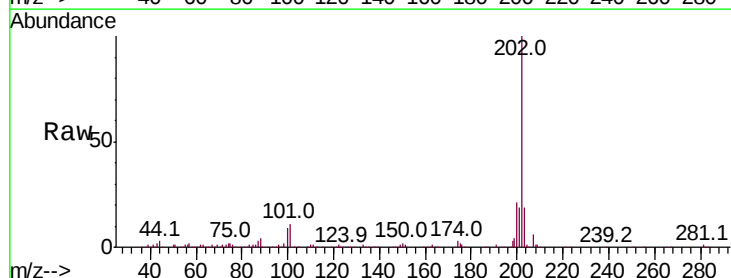
Tgt Ion:202 Resp: 199969

Ion Ratio Lower Upper

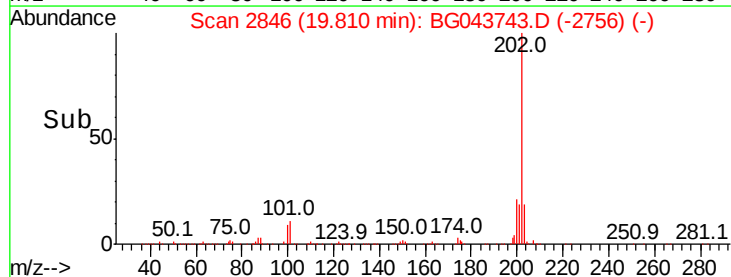
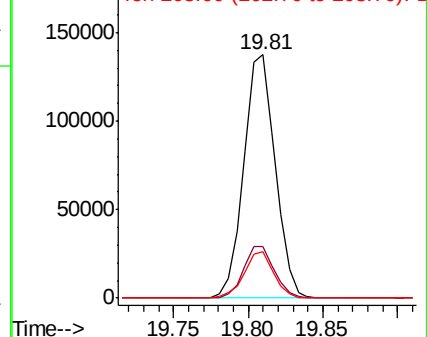
202 100

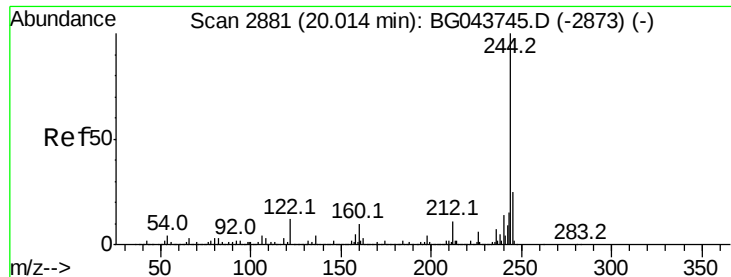
200 21.0 19.8 29.6

203 19.2 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





#79

Terphenyl-d14

Concen: 14.965 ng

RT: 20.02 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Instrument :

BNA_G

ClientSampleId :

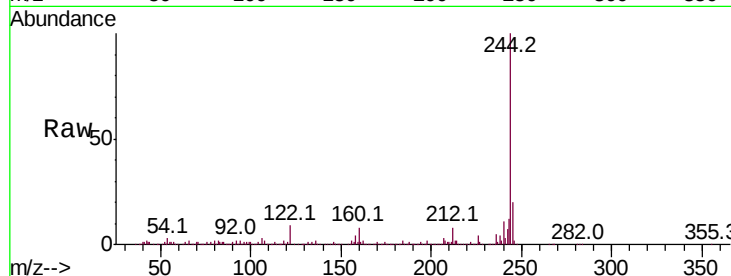
Tot Ion:244 Resp: 348920

Ion Ratio Lower Upper

244 100

212 7.5 8.5 12.7#

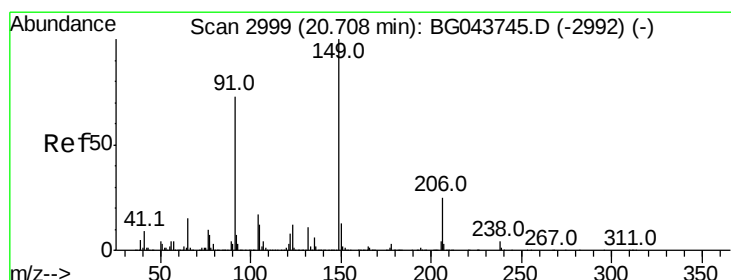
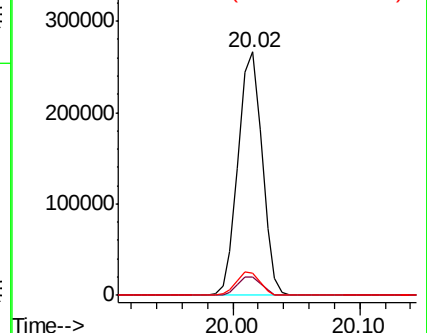
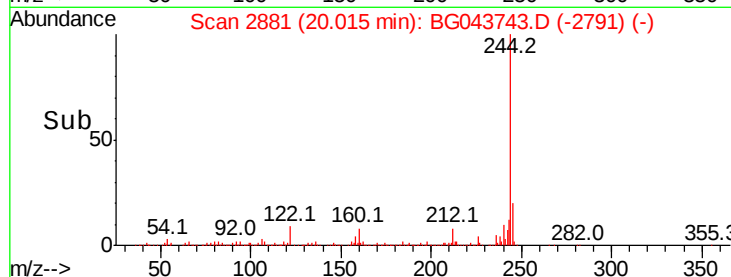
122 9.0 9.5 14.3#



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: 12.615 ng

RT: 20.71 min Scan# 2999

Delta R.T. 0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

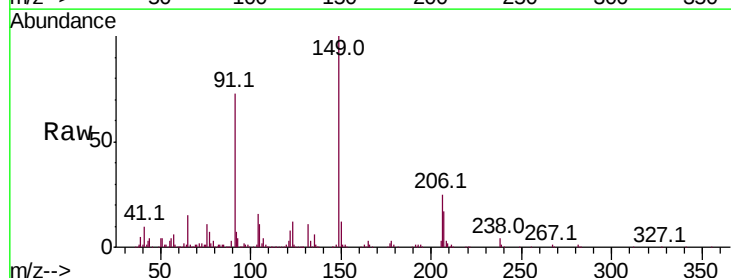
Tgt Ion:149 Resp: 129402

Ion Ratio Lower Upper

149 100

91 73.2 58.8 88.2

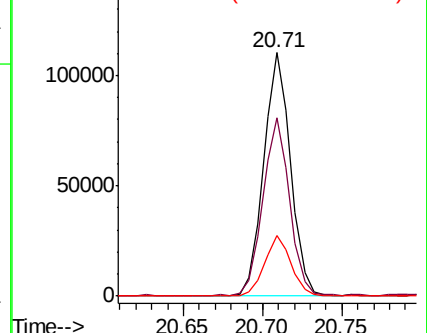
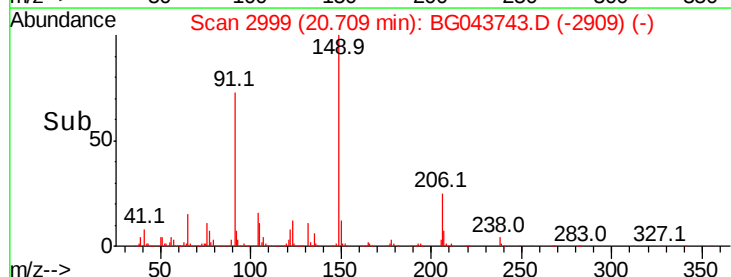
206 24.9 19.8 29.6

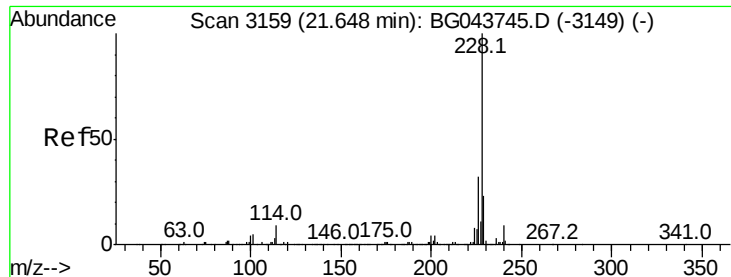


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 12.310 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Instrument :

BNA_G

ClientSampled :

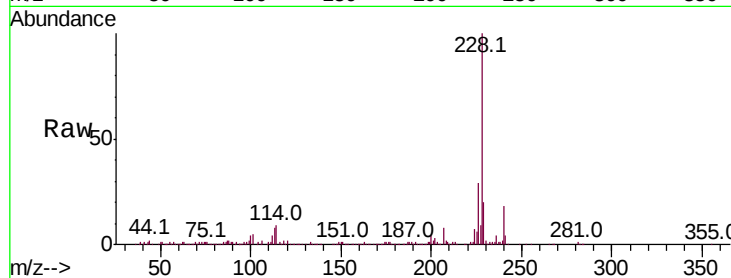
Tot Ion:228 Resp: 337302

Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.4	38.2
229	20.2	18.1	27.1

228 100

226 28.6 25.4 38.2

229 20.2 18.1 27.1

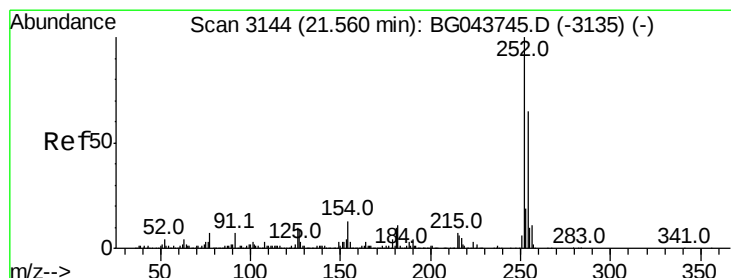
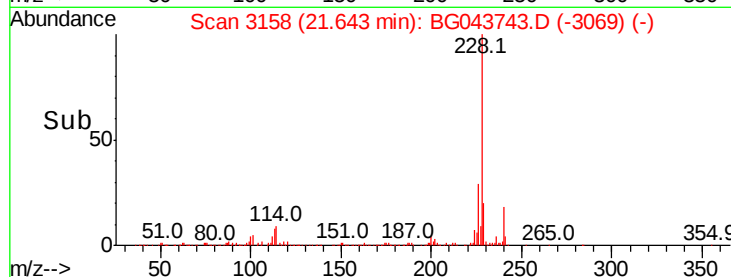
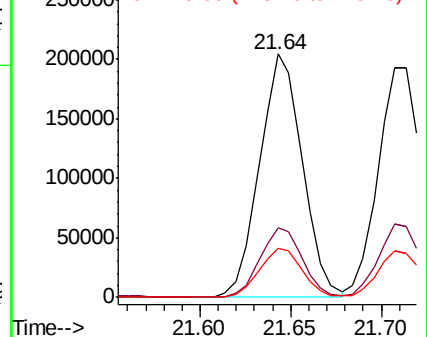


Abundance

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: 13.018 ng

RT: 21.56 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

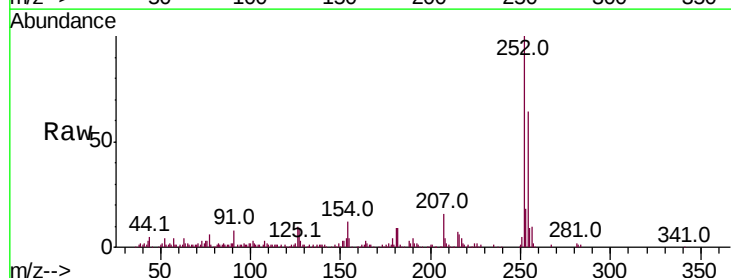
Tgt Ion:252 Resp: 137960

Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.1	78.1
126	10.0	7.8	11.6

252 100

254 64.1 52.1 78.1

126 10.0 7.8 11.6

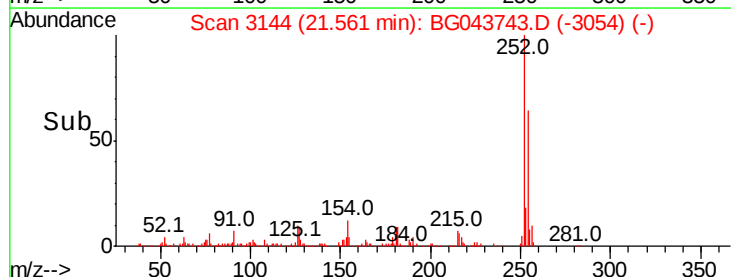
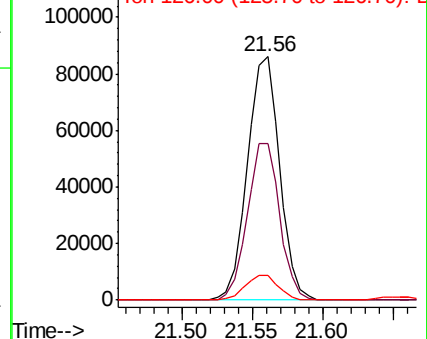


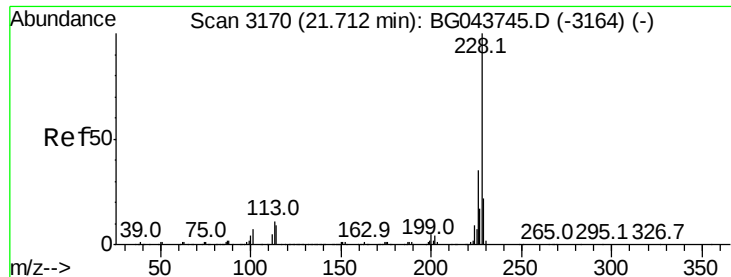
Abundance

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: 11.641 ng

RT: 21.71 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

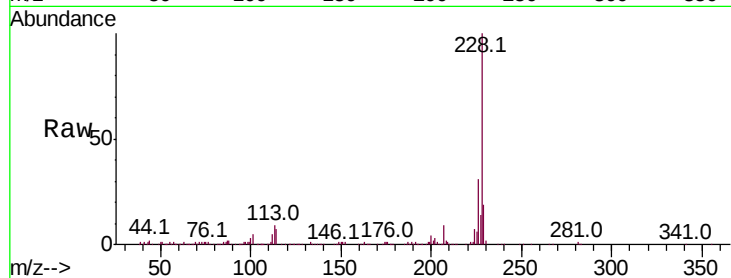
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 316913

Ion	Ratio	Lower	Upper
228	100		
226	31.1	27.8	41.8
229	19.1	17.9	26.9

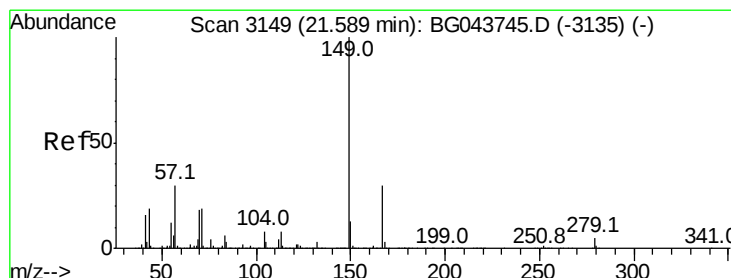
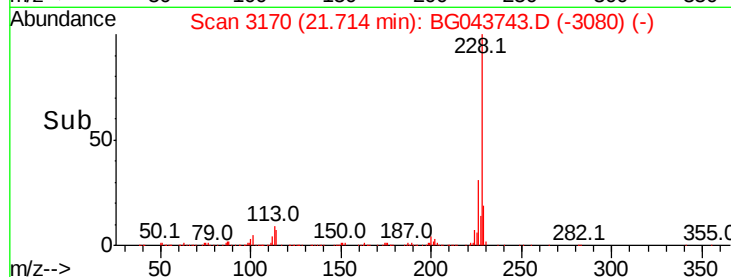
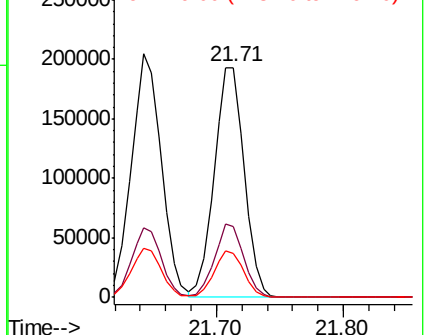


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 16.395 ng

RT: 21.59 min Scan# 3149

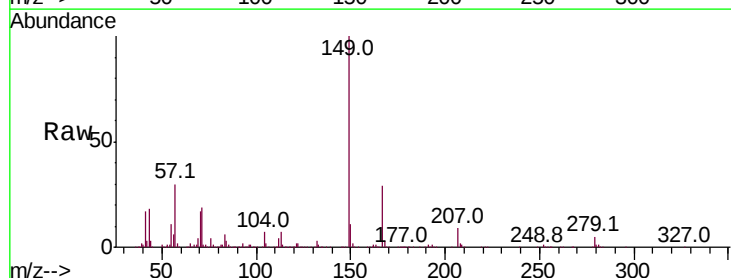
Delta R.T. 0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Tgt Ion:149 Resp: 238897

Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.8	35.6
279	4.9	4.0	6.0

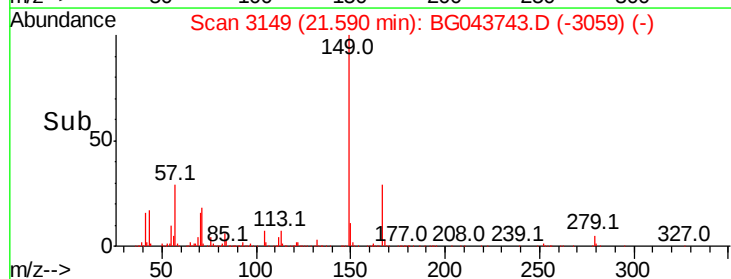
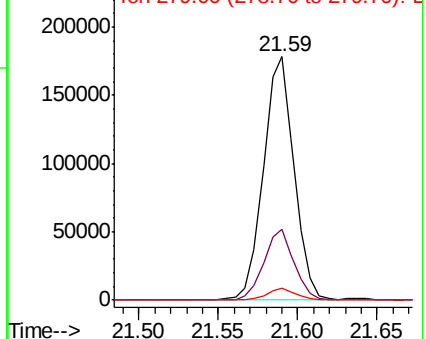


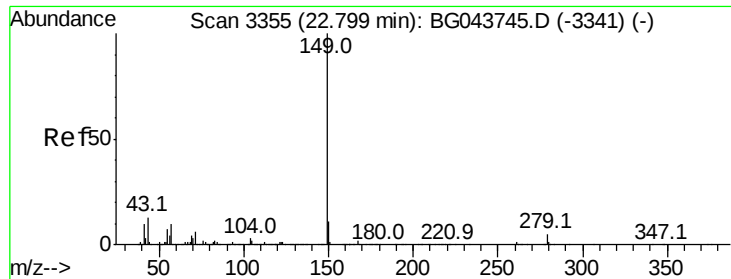
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 15.109 ng

RT: 22.81 min Scan# 3356

Delta R.T. 0.01 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Instrument :

BNA_G

ClientSampleId :

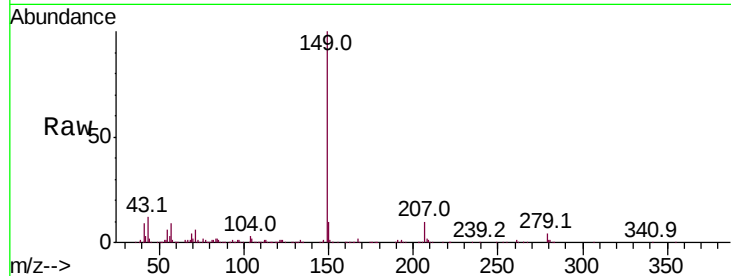
Tot Ion:149 Resp: 373516

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

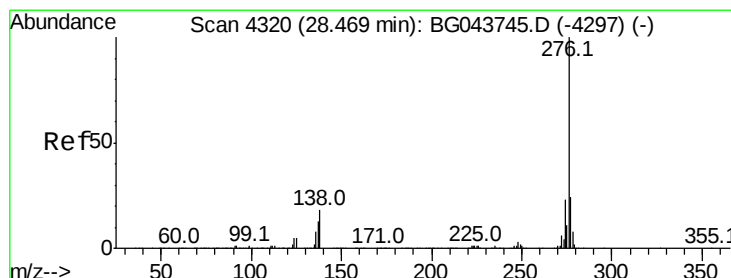
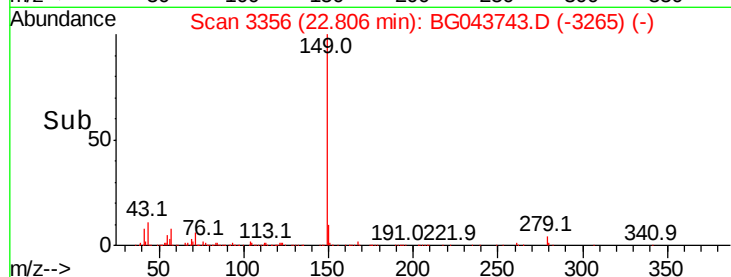
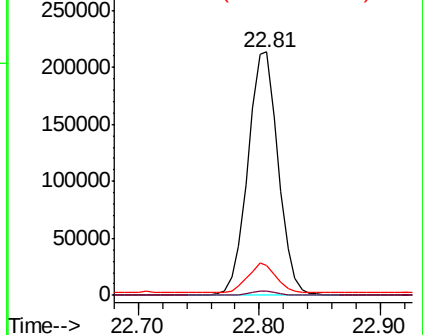
43 11.5 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 9.786 ng

RT: 28.46 min Scan# 4319

Delta R.T. -0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

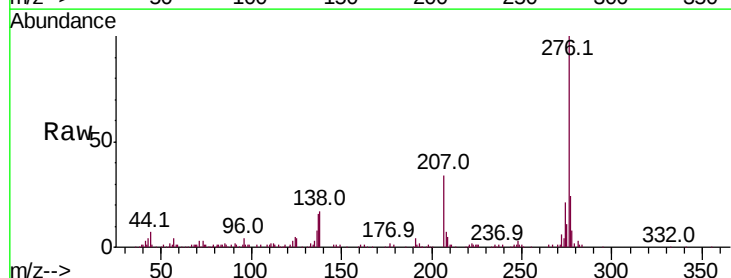
Tgt Ion:276 Resp: 334426

Ion Ratio Lower Upper

276 100

138 15.7 14.5 21.7

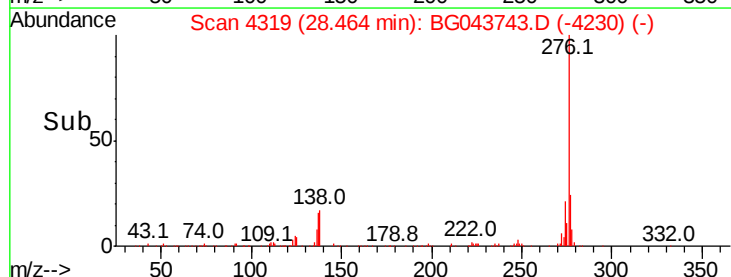
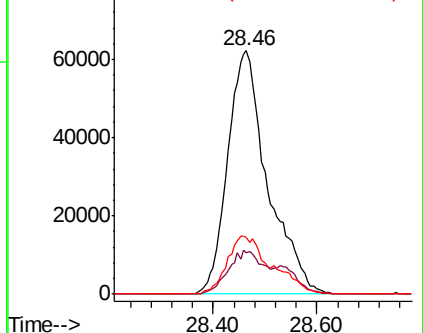
277 26.6 21.1 31.7

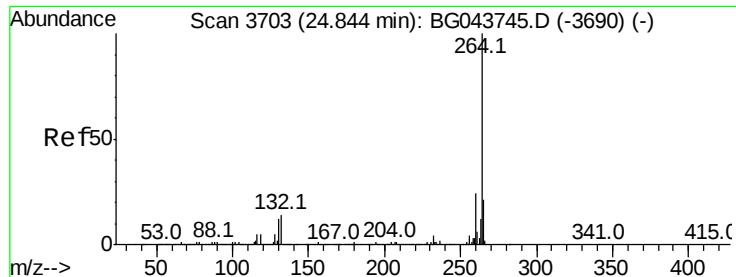


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. 0.01 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

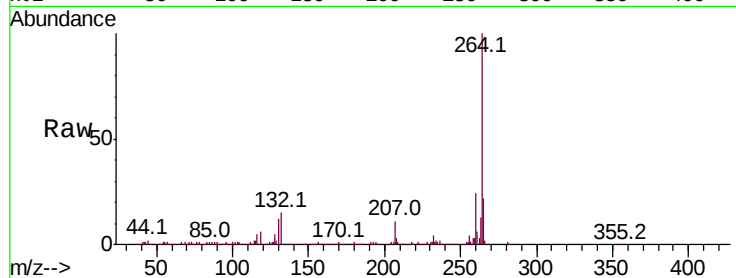
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 551652

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.9	17.0	25.6

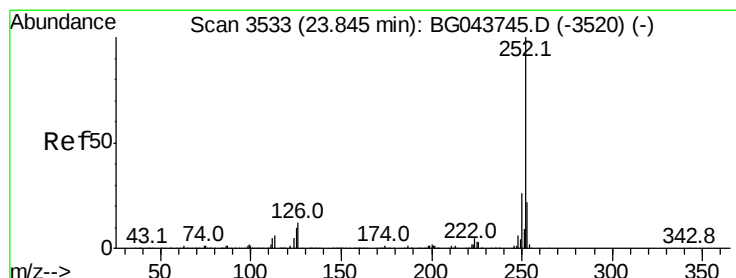
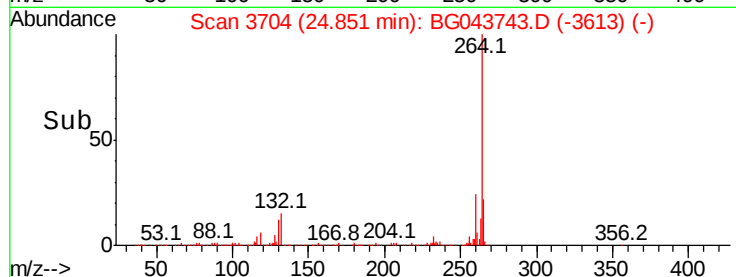
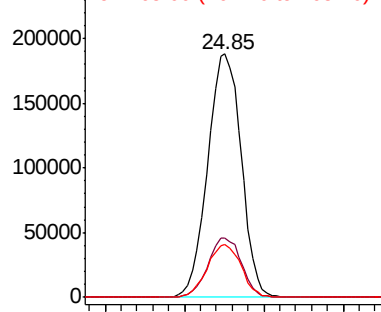


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 12.015 ng

RT: 23.84 min Scan# 3532

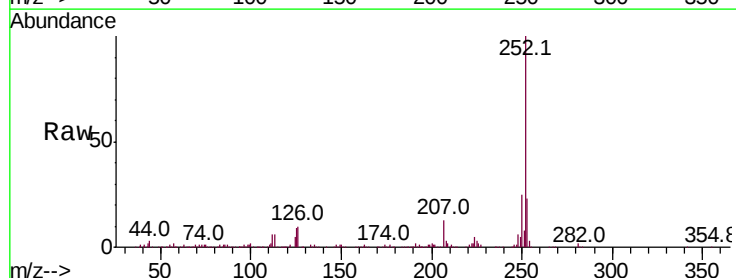
Delta R.T. -0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Tgt Ion:252 Resp: 375406

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	9.1	8.0	12.0

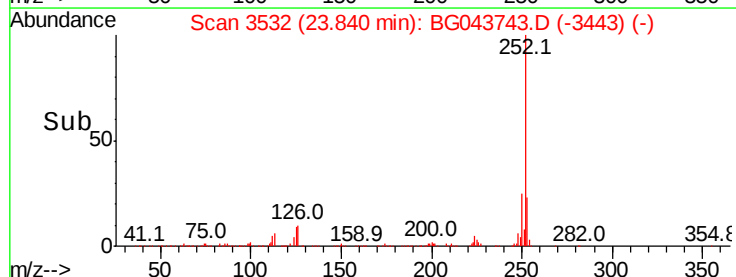
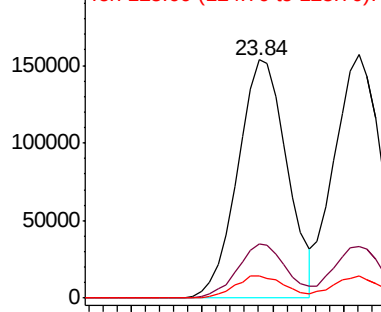


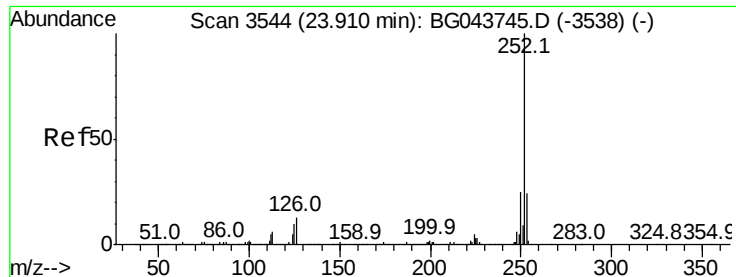
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

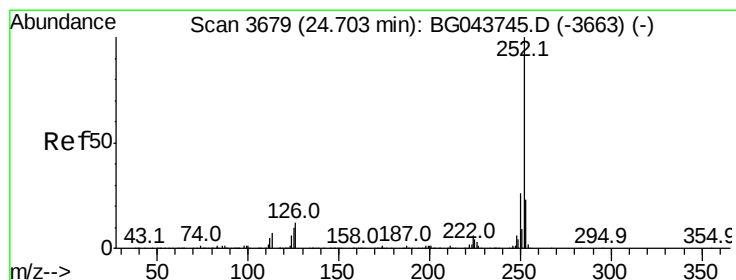
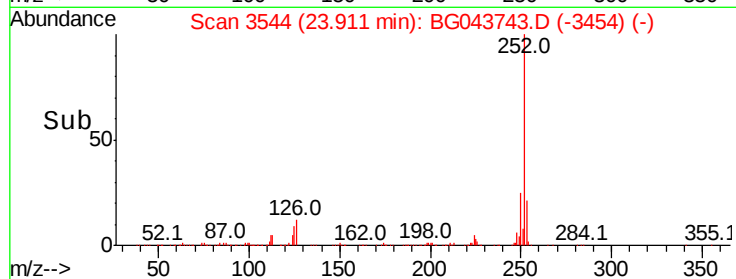
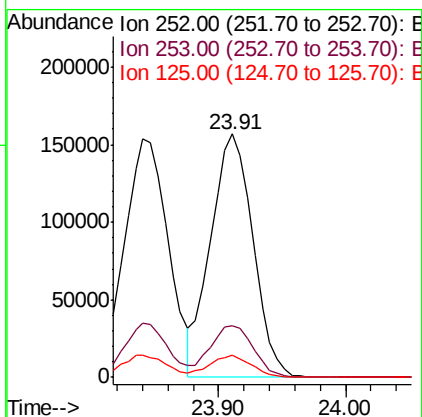
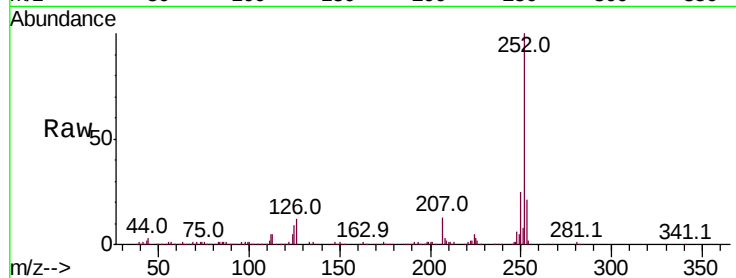




#89
Benzo(k)fluoranthene
Concen: 11.544 ng
RT: 23.91 min Scan# 3544
Delta R.T. 0.00 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

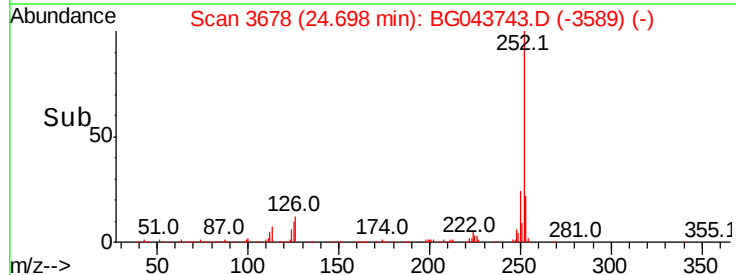
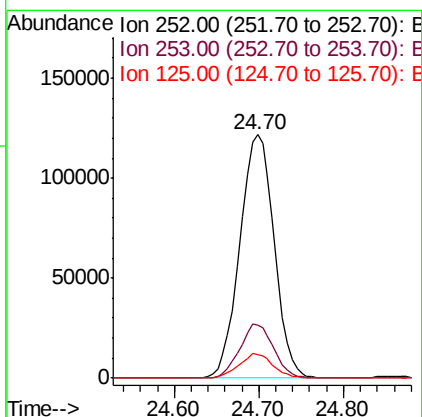
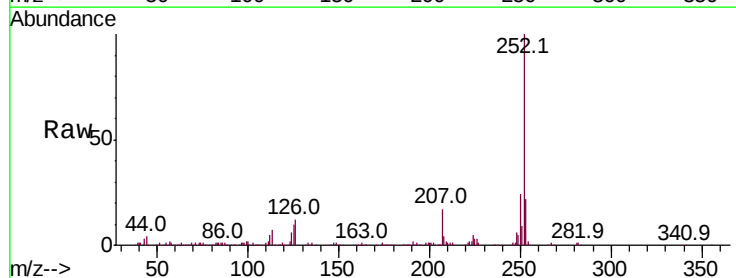
Instrument :
BNA_G
ClientSampleId :

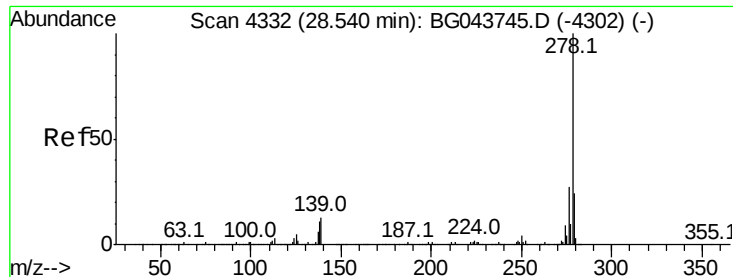
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.8	28.2
125	8.9	7.7	11.5



#90
Benzo(a)pyrene
Concen: 11.502 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG043743.D
Acq: 22 Nov 2019 15:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	9.8	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 9.076 ng

RT: 28.53 min Scan# 4331

Delta R.T. -0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

Instrument :

BNA_G

ClientSampleId :

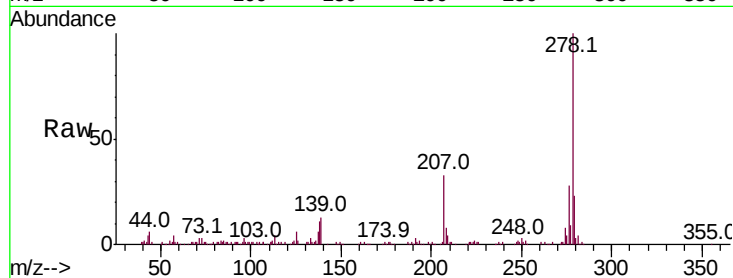
Tot Ion:278 Resp: 276976

Ion Ratio Lower Upper

278 100

139 12.7 10.4 15.6

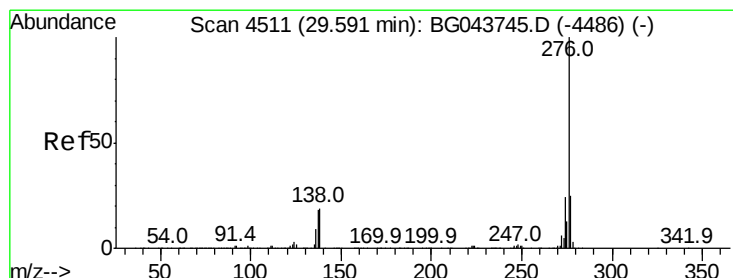
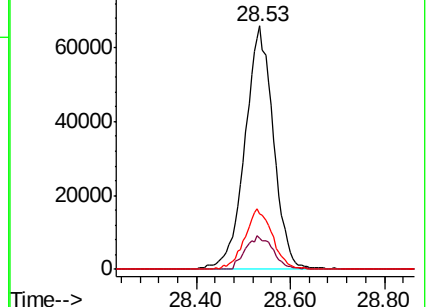
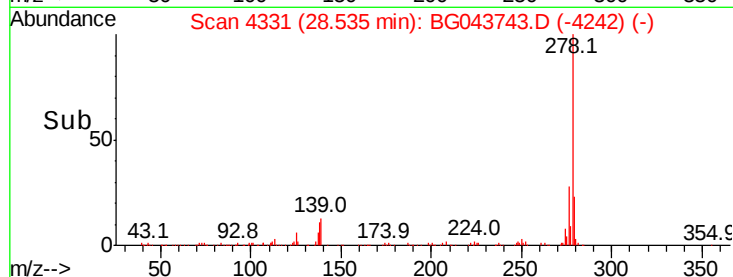
279 22.9 19.3 28.9



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: 8.854 ng

RT: 29.59 min Scan# 4510

Delta R.T. -0.00 min

Lab File: BG043743.D

Acq: 22 Nov 2019 15:48

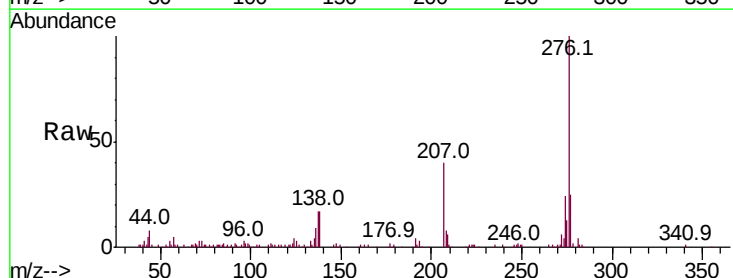
Tgt Ion:276 Resp: 266541

Ion Ratio Lower Upper

276 100

277 24.7 19.7 29.5

138 17.3 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

