

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112219\
 Data File : BG043745.D
 Acq On : 22 Nov 2019 17:06
 Operator : JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 23 00:00:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 23:55:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	49983	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	234484	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	183189	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	465689	20.00	ng	0.00
76) Chrysene-d12	21.67	240	548298	20.00	ng	0.00
87) Perylene-d12	24.84	264	465428	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	227202	83.30	ng	0.00
7) Phenol-d6	7.18	99	356318	90.79	ng	0.00
23) Nitrobenzene-d5	9.18	82	339185	74.57	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	177528	50.92	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	902410	68.07	ng	0.00
79) Terphenyl-d14	20.01	244	1907146	65.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	46473	43.721	ng	100
3) Pyridine	3.92	79	159830	59.608	ng	100
4) n-Nitrosodimethylamine	3.83	42	75728	55.969	ng	100
6) Aniline	7.35	93	228827	50.616	ng	100
8) 2-Chlorophenol	7.59	128	132330	43.949	ng	100
9) Benzaldehyde	7.16	77	105296	54.596	ng	100
10) Phenol	7.21	94	180778	50.410	ng	100
11) bis(2-Chloroethyl)ether	7.45	93	143266	51.672	ng	100
12) 1,3-Dichlorobenzene	7.92	146	151175	40.072	ng	100
13) 1,4-Dichlorobenzene	8.07	146	152803	40.033	ng	100
14) 1,2-Dichlorobenzene	8.39	146	146353	39.270	ng	100
15) Benzyl Alcohol	8.26	79	152887	55.471	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.56	45	253083	62.775	ng	100
17) 2-Methylphenol	8.46	107	129681	49.604	ng	100
18) Hexachloroethane	9.12	117	56460	40.999	ng	100
19) n-Nitroso-di-n-propylamine	8.83	70	142486	56.187	ng	100
20) 3+4-Methylphenols	8.79	107	187941	52.426	ng	100
22) Acetophenone	8.85	105	248911	41.451	ng	100
24) Nitrobenzene	9.23	77	170509	39.354	ng	100
25) Isophorone	9.75	82	390718	46.987	ng	100
26) 2-Nitrophenol	9.94	139	61432	29.368	ng	100
27) 2,4-Dimethylphenol	10.00	122	128080	42.721	ng	100
28) bis(2-Chloroethoxy)methane	10.24	93	231678	50.480	ng	100
29) 2,4-Dichlorophenol	10.47	162	156124	40.643	ng	100
30) 1,2,4-Trichlorobenzene	10.70	180	174407	36.023	ng	100
31) Naphthalene	10.88	128	477148	40.089	ng	100
32) Benzoic acid	10.11	122	84484	40.167	ng	100
33) 4-Chloroaniline	10.98	127	238359	48.855	ng	100
34) Hexachlorobutadiene	11.18	225	112952	31.560	ng	100
35) Caprolactam	11.74	113	71365	53.943	ng	100
36) 4-Chloro-3-methylphenol	12.09	107	184759	44.094	ng	100
37) 2-Methylnaphthalene	12.49	142	374838	41.045	ng	100
38) 1-Methylnaphthalene	12.71	142	358247	41.229	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	222146	32.767	ng	100

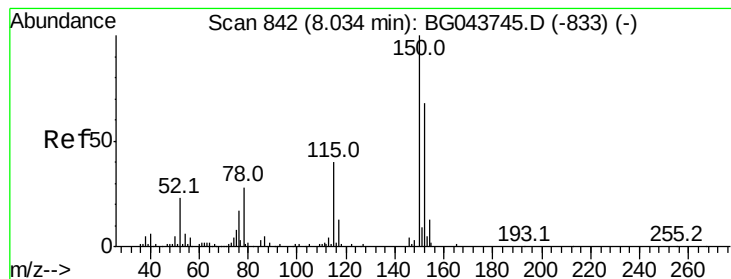
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112219\
 Data File : BG043745.D
 Acq On : 22 Nov 2019 17:06
 Operator : JU
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 QLast Update : Fri Nov 22 23:55:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	116386	32.680	ng	100
43) 2,4,6-Trichlorophenol	13.09	196	150038	37.580	ng	100
44) 2,4,5-Trichlorophenol	13.15	196	157348	38.982	ng	100
46) 1,1'-Biphenyl	13.49	154	500550	35.918	ng	100
47) 2-Chloronaphthalene	13.53	162	410048	38.671	ng	100
48) 2-Nitroaniline	13.72	65	120168	37.918	ng	100
49) Acenaphthylene	14.38	152	659953	39.990	ng	100
50) Dimethylphthalate	14.11	163	593081	41.798	ng	100
51) 2,6-Dinitrotoluene	14.22	165	108805	35.297	ng	100
52) Acenaphthene	14.72	154	414367	41.173	ng	100
53) 3-Nitroaniline	14.54	138	128535	43.188	ng	100
54) 2,4-Dinitrophenol	14.74	184	41653	25.593	ng	100
55) Dibenzofuran	15.06	168	658465	40.346	ng	100
56) 4-Nitrophenol	14.84	139	105290	52.792	ng	100
57) 2,4-Dinitrotoluene	15.00	165	152110	34.528	ng	100
58) Fluorene	15.70	166	536450	39.191	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	153772	35.857	ng	98
60) Diethylphthalate	15.48	149	610735	42.837	ng	100
61) 4-Chlorophenyl-phenylether	15.70	204	294149	36.836	ng	100
62) 4-Nitroaniline	15.71	138	145457	47.324	ng	100
63) Azobenzene	15.99	77	549775	47.647	ng	100
65) 4,6-Dinitro-2-methylphenol	15.77	198	61827	22.560	ng	100
66) n-Nitrosodiphenylamine	15.91	169	502696	38.235	ng	100
67) 4-Bromophenyl-phenylether	16.59	248	199769	31.876	ng	100
68) Hexachlorobenzene	16.71	284	216420	30.084	ng	100
69) Atrazine	16.86	200	205535	44.990	ng	100
70) Pentachlorophenol	17.05	266	132178	40.323	ng	100
71) Phenanthrene	17.44	178	958630	40.200	ng	100
72) Anthracene	17.53	178	961636	40.305	ng	100
73) Carbazole	17.79	167	939225	43.470	ng	100
74) Di-n-butylphthalate	18.38	149	1185532	45.222	ng	100
75) Fluoranthene	19.45	202	1317061	42.364	ng	100
77) Benzidine	19.62	184	715668	64.856	ng	100
78) Pyrene	19.81	202	1345929	39.657	ng	100
80) Butylbenzylphthalate	20.71	149	666305	51.820	ng	100
81) Benzo(a)anthracene	21.65	228	1469913	42.798	ng	100
82) 3,3'-Dichlorobenzidine	21.56	252	533511	40.162	ng	100
83) Chrysene	21.71	228	1393063	40.823	ng	100
84) Bis(2-ethylhexyl)phthalate	21.59	149	876586	47.992	ng	100
85) Di-n-octyl phthalate	22.80	149	1221387	39.415	ng	100
86) Indeno(1,2,3-cd)pyrene	28.47	276	1288737	30.086	ng	100
88) Benzo(b)fluoranthene	23.85	252	1135119	43.062	ng	100
89) Benzo(k)fluoranthene	23.91	252	1117847	42.124	ng	100
90) Benzo(a)pyrene	24.70	252	1054498	41.891	ng	100
91) Dibenzo(a,h)anthracene	28.54	278	1045725	40.615	ng	100
92) Benzo(g,h,i)perylene	29.59	276	1032164	40.641	ng	100

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

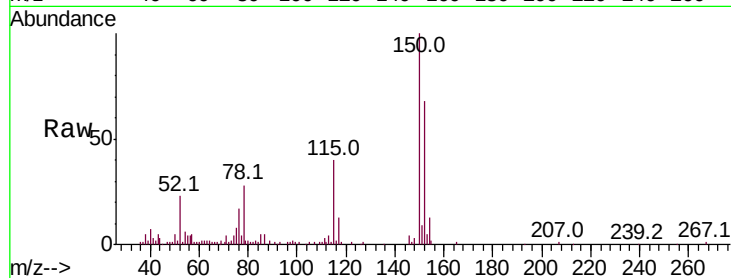


#1

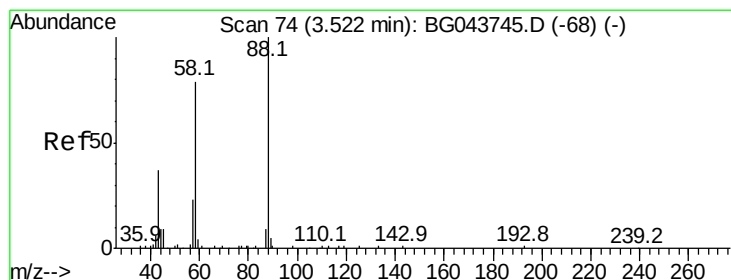
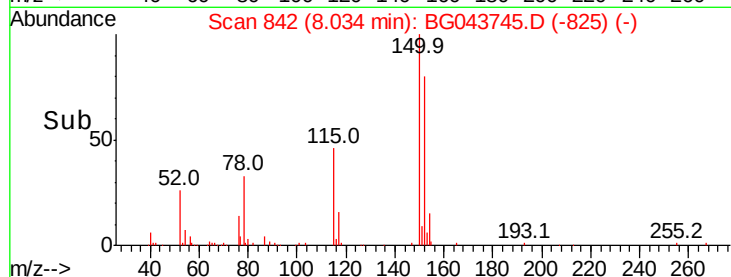
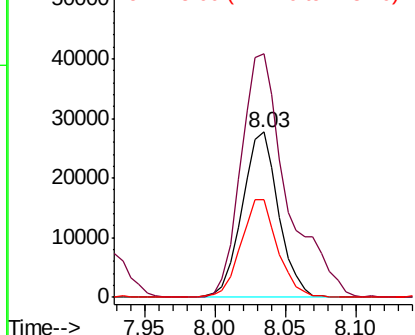
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 842
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 49983
Ion Ratio Lower Upper
152 100
150 147.3 117.8 176.8
115 58.7 47.0 70.4



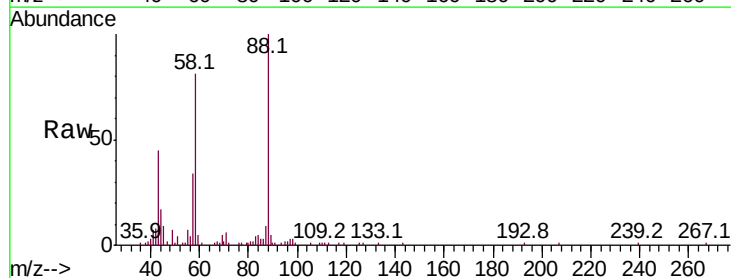
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



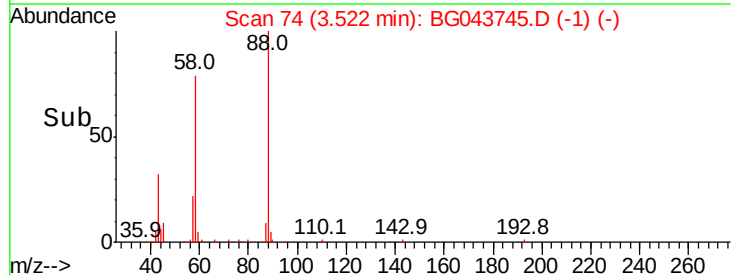
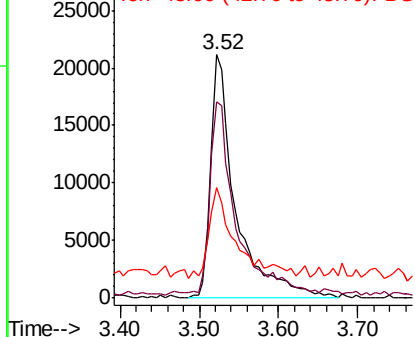
#2

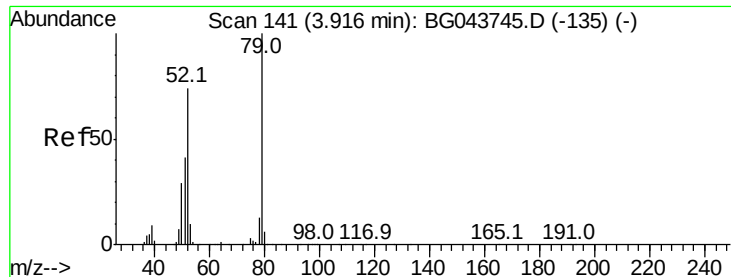
1,4-Dioxane
Concen: 43.721 ng
RT: 3.52 min Scan# 74
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

Tgt Ion: 88 Resp: 46473
Ion Ratio Lower Upper
88 100
58 77.9 62.3 93.5
43 36.1 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: 59.608 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

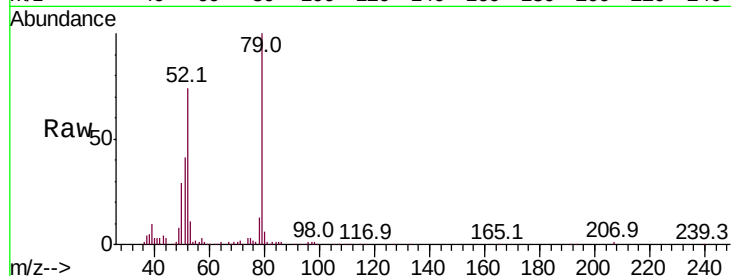
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 159830

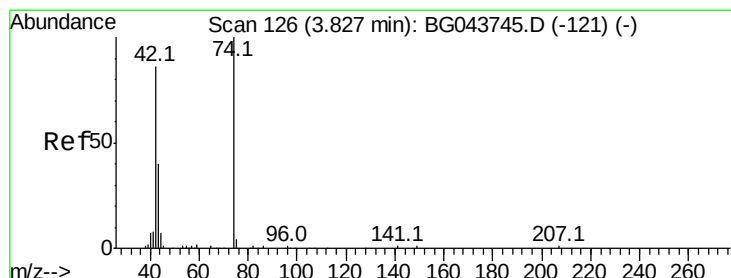
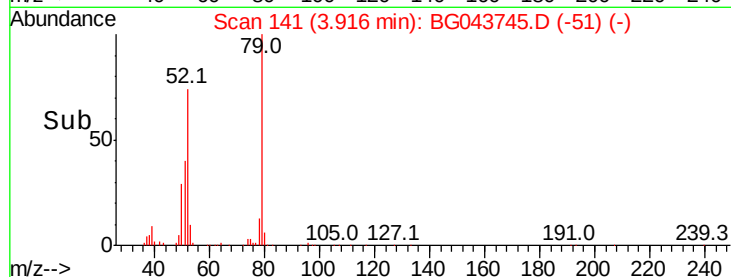
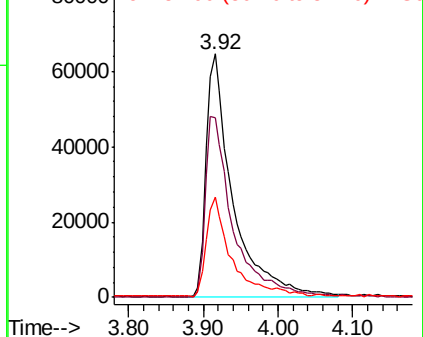
Ion	Ratio	Lower	Upper
79	100		
52	73.8	59.0	88.6
51	41.1	32.9	49.3



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: 55.969 ng

RT: 3.83 min Scan# 126

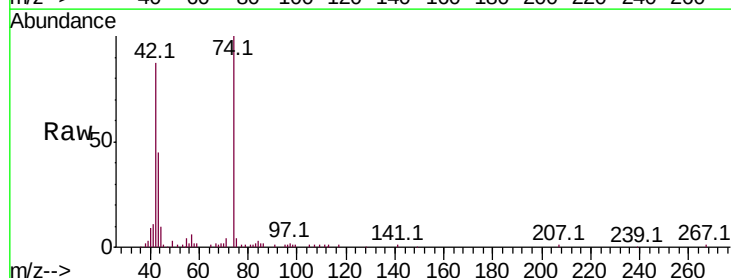
Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Tgt Ion: 42 Resp: 75728

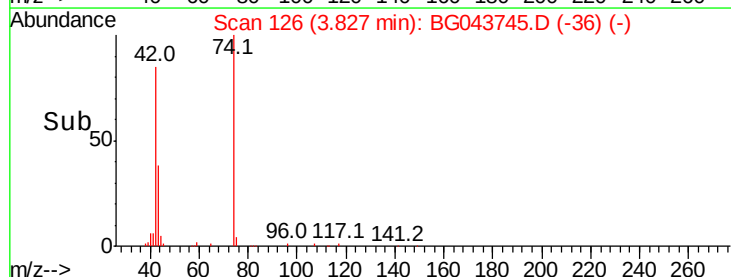
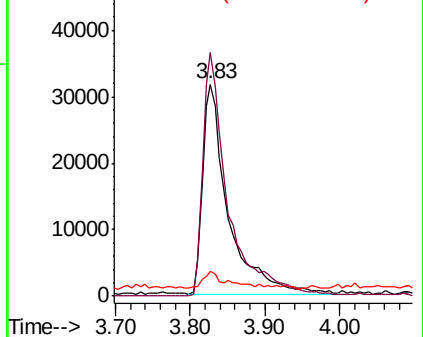
Ion	Ratio	Lower	Upper
42	100		
74	114.9	91.9	137.9
44	11.4	9.1	13.7

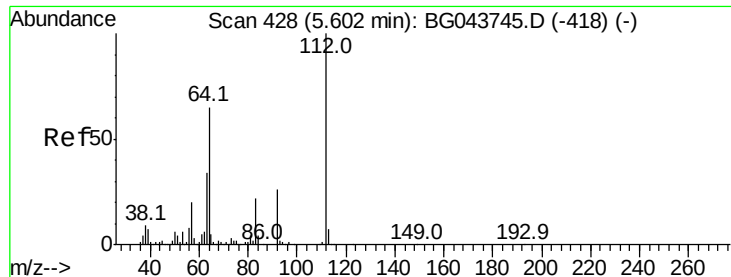


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 83.295 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Instrument :

BNA_G

ClientSampled :

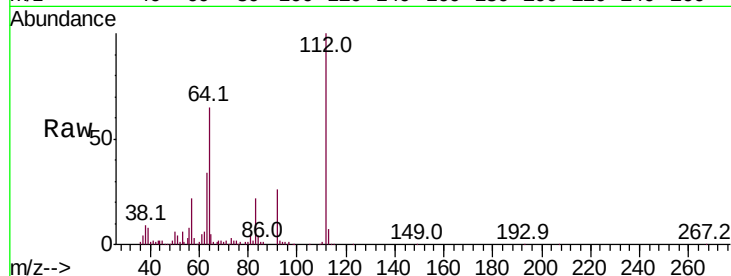
Tot Ion:112 Resp: 227202

Ion Ratio Lower Upper

112 100

64 64.6 51.7 77.5

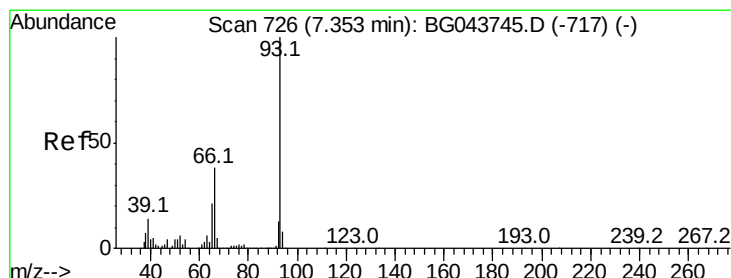
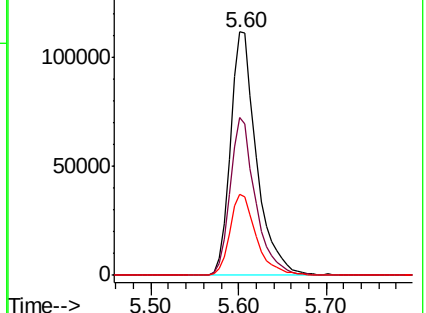
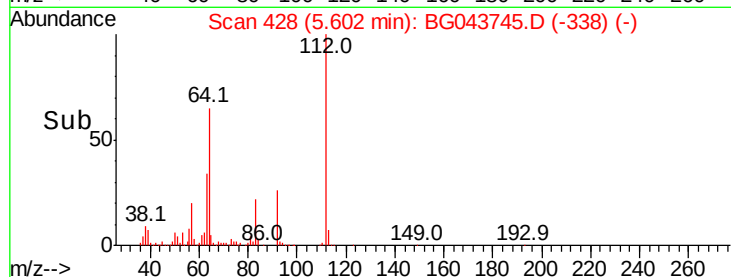
63 33.5 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 50.616 ng

RT: 7.35 min Scan# 726

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

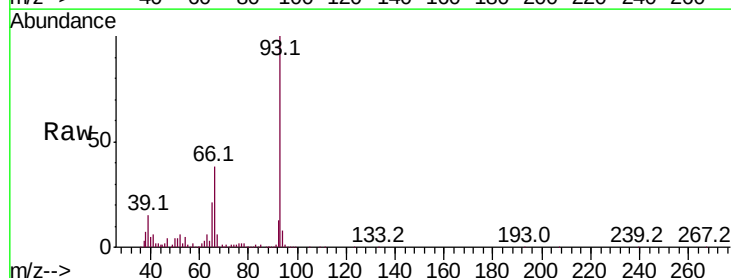
Tgt Ion: 93 Resp: 228827

Ion Ratio Lower Upper

93 100

66 38.3 30.6 46.0

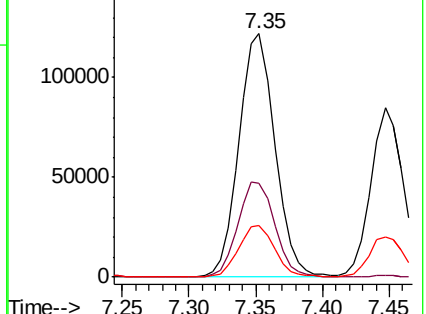
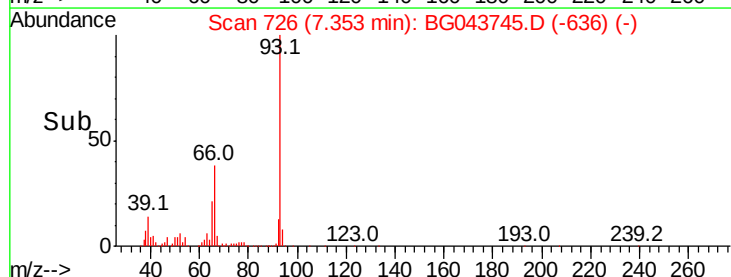
65 21.0 16.8 25.2

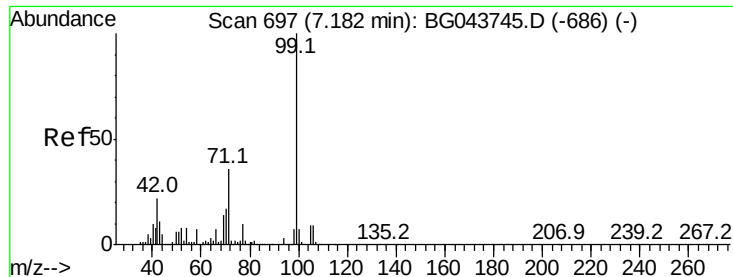


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 90.794 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

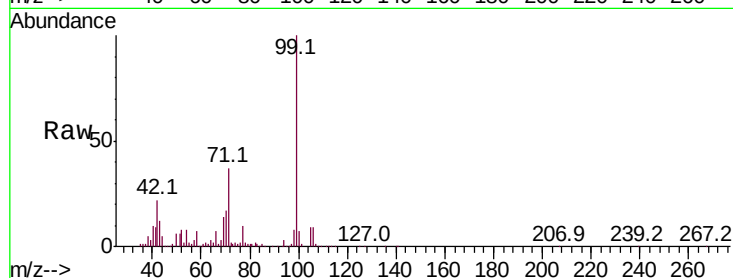
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 356318

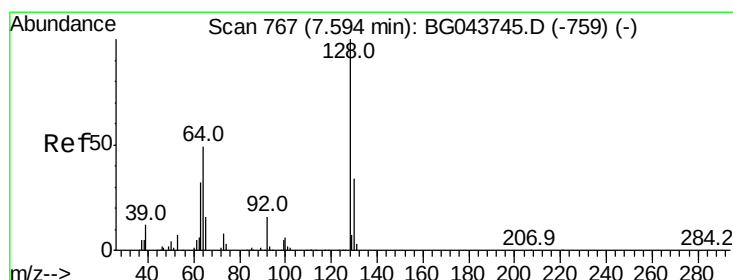
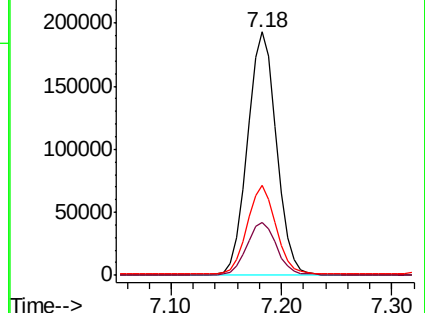
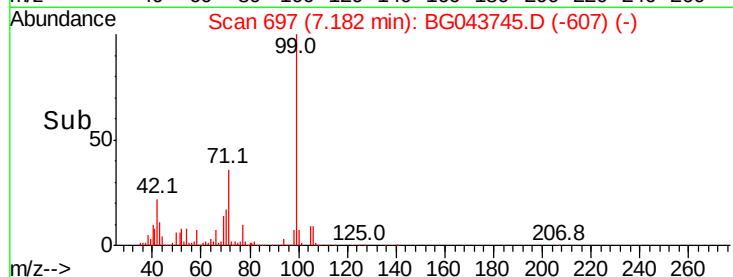
Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.4	26.0
71	36.9	29.5	44.3



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: 43.949 ng

RT: 7.59 min Scan# 767

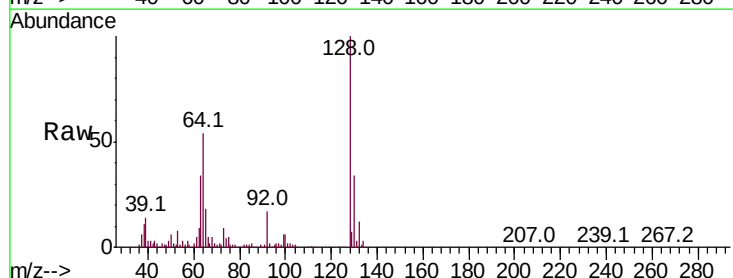
Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Tgt Ion:128 Resp: 132330

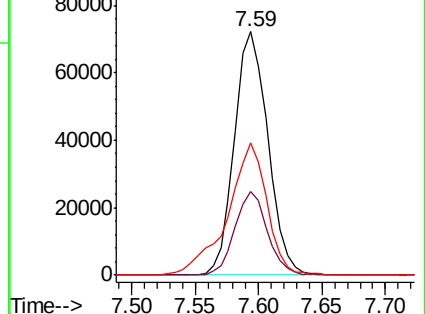
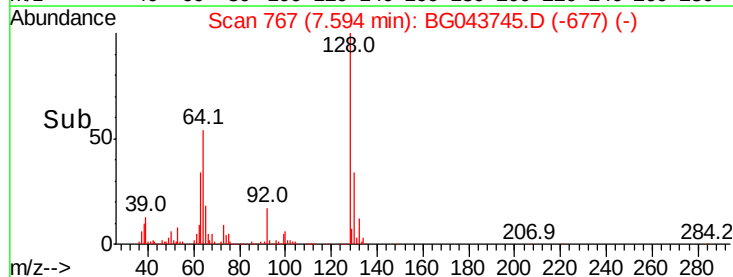
Ion	Ratio	Lower	Upper
128	100		
130	34.3	14.3	54.3
64	54.5	34.5	74.5

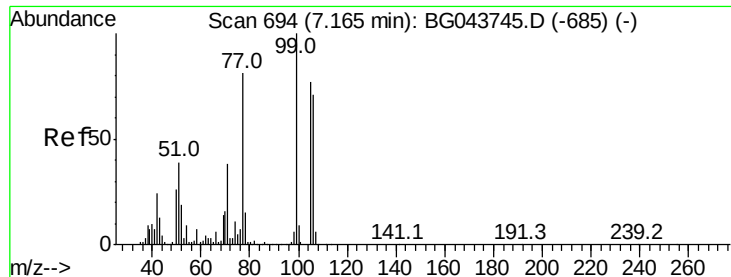


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 54.596 ng

RT: 7.16 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Instrument :

BNA_G

ClientSampleId :

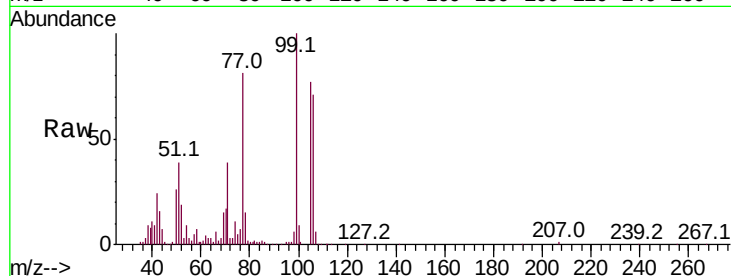
Tot Ion: 77 Resp: 105296

Ion Ratio Lower Upper

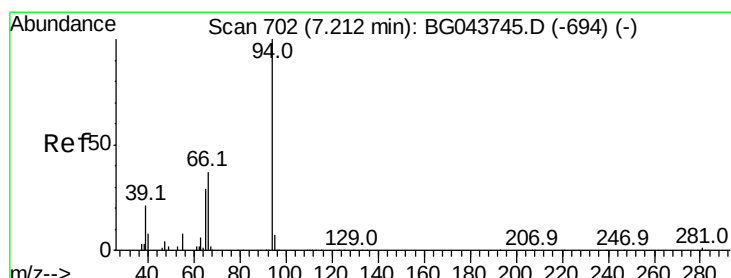
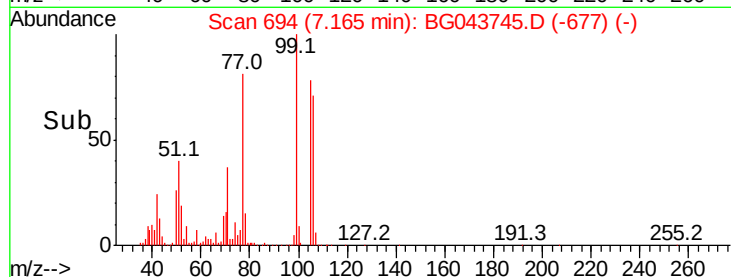
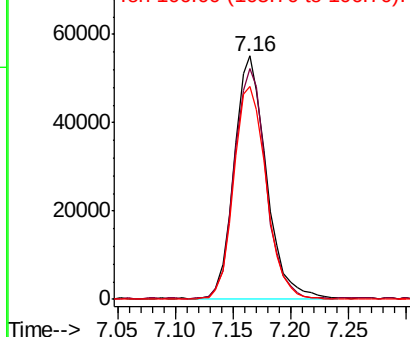
77 100

105 95.0 75.0 115.0

106 87.4 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: 50.410 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

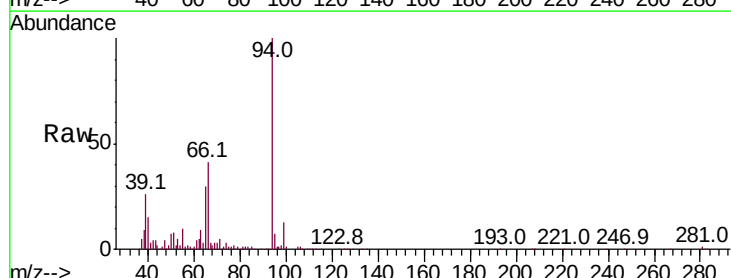
Tgt Ion: 94 Resp: 180778

Ion Ratio Lower Upper

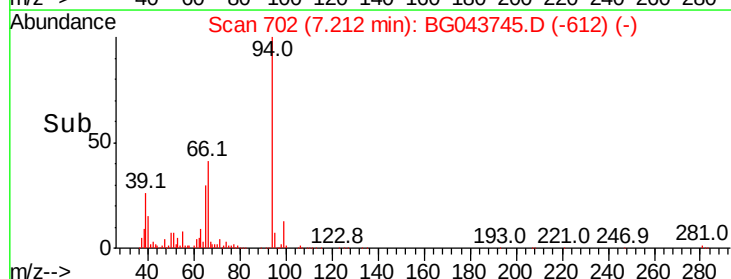
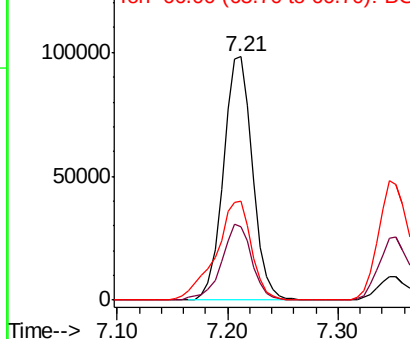
94 100

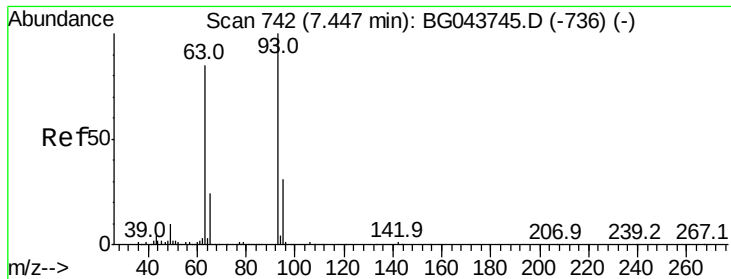
65 30.3 10.3 50.3

66 40.5 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: 51.672 ng

RT: 7.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Instrument :

BNA_G

ClientSampleId :

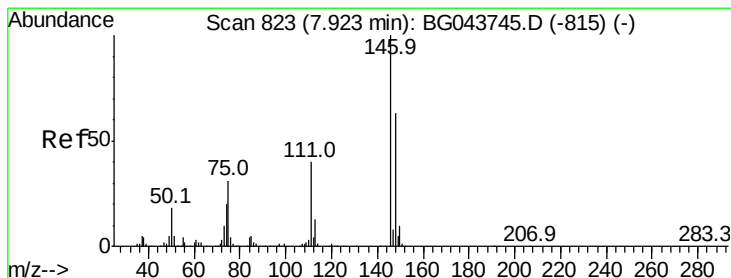
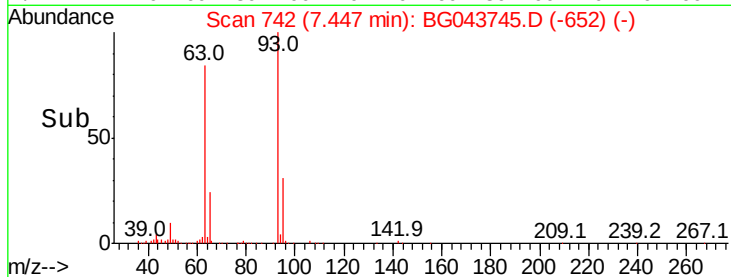
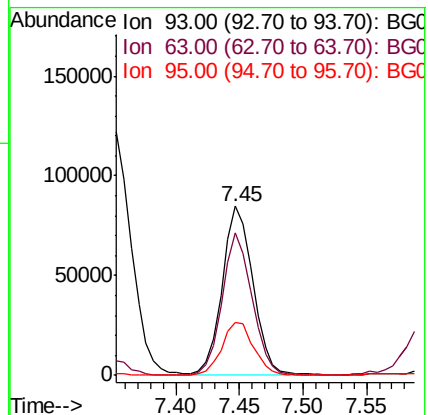
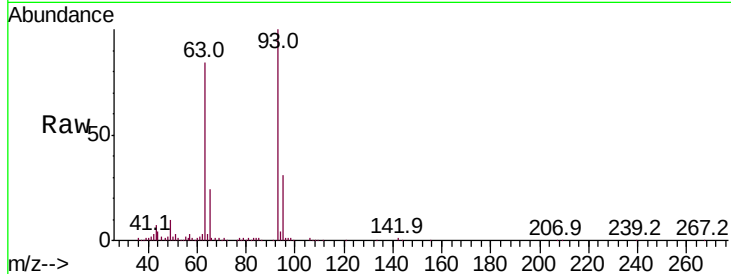
Tot Ion: 93 Resp: 143266

Ion Ratio Lower Upper

93 100

63 84.4 64.4 104.4

95 31.3 11.3 51.3



#12

1,3-Dichlorobenzene

Concen: 40.072 ng

RT: 7.92 min Scan# 823

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

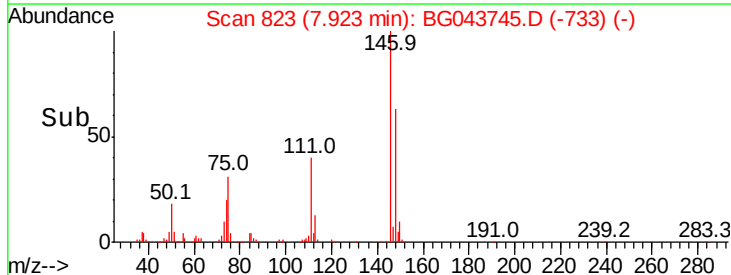
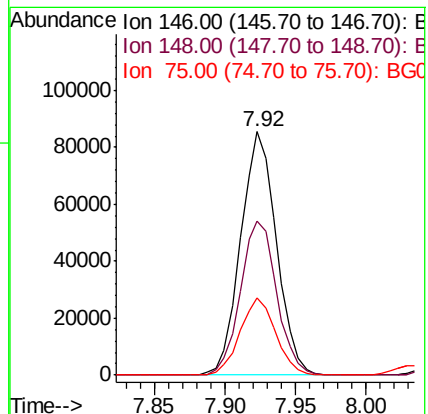
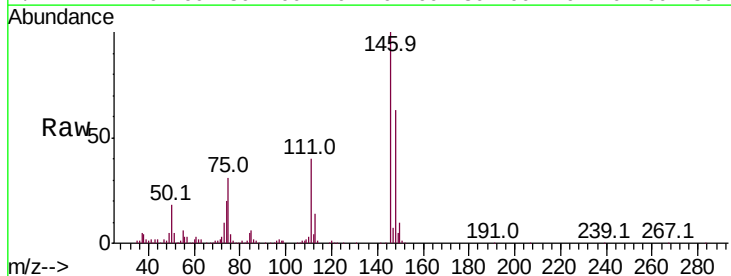
Tgt Ion: 146 Resp: 151175

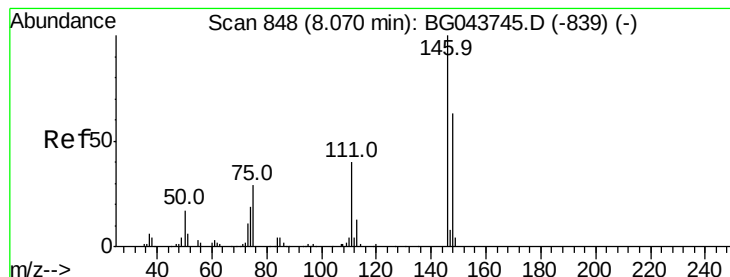
Ion Ratio Lower Upper

146 100

148 63.2 50.6 75.8

75 31.5 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 40.033 ng

RT: 8.07 min Scan# 848

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Instrument :

BNA_G

ClientSampled :

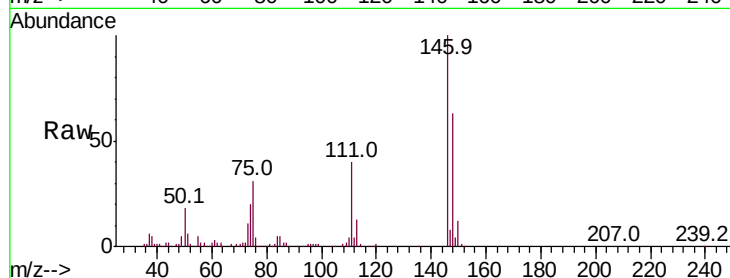
Tot Ion:146 Resp: 152803

Ion Ratio Lower Upper

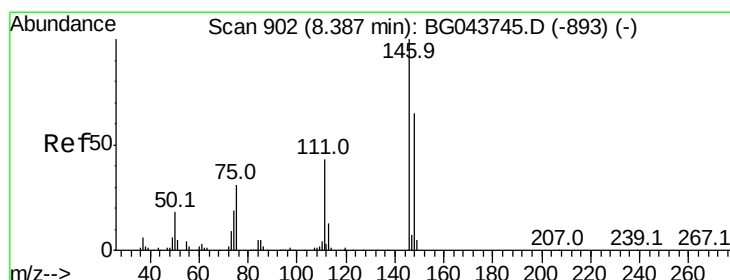
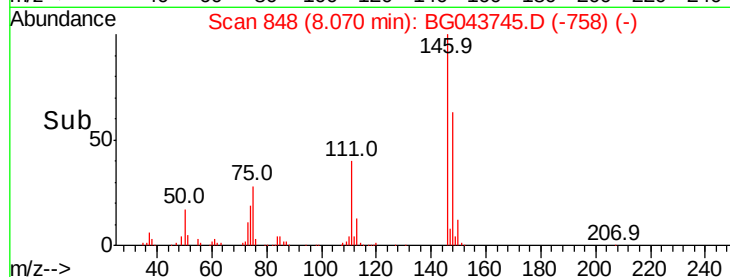
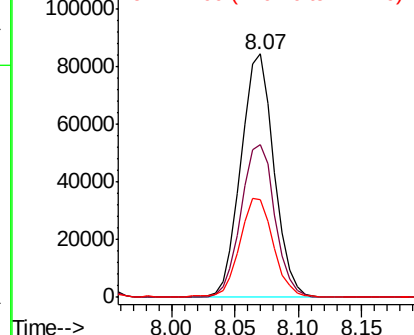
146 100

148 62.6 50.1 75.1

111 40.1 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: 39.270 ng

RT: 8.39 min Scan# 902

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

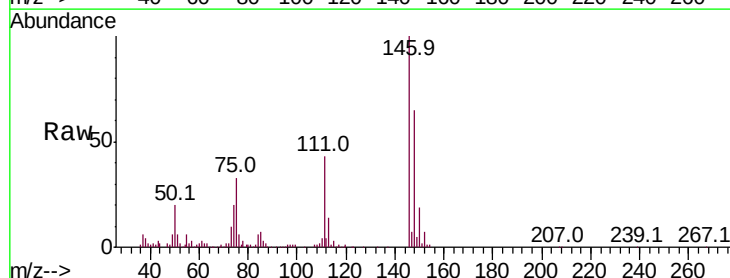
Tgt Ion:146 Resp: 146353

Ion Ratio Lower Upper

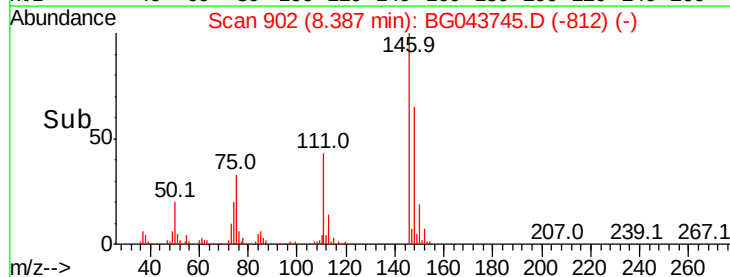
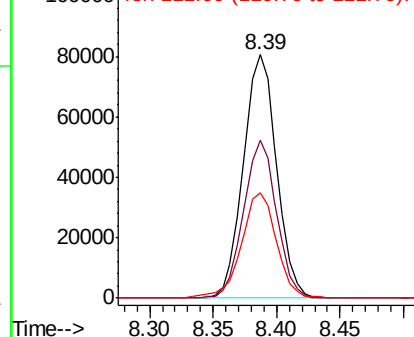
146 100

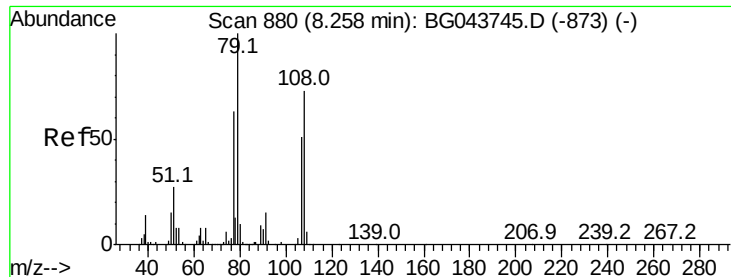
148 65.1 52.1 78.1

111 43.4 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: 55.471 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Instrument :

BNA_G

ClientSampled :

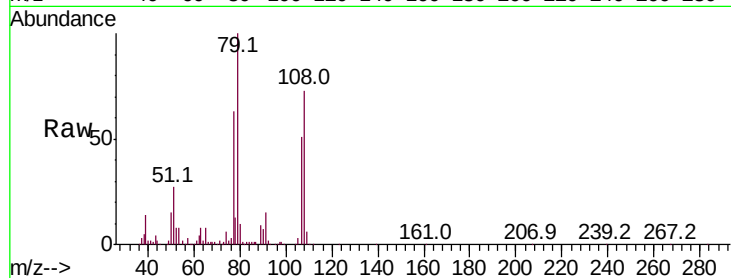
Tot Ion: 79 Resp: 152887

Ion Ratio Lower Upper

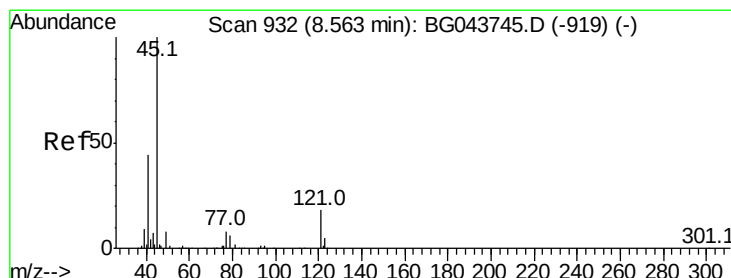
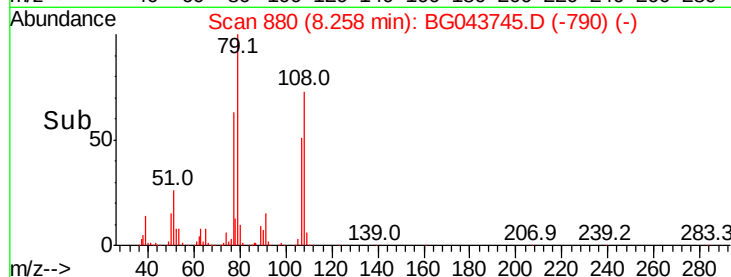
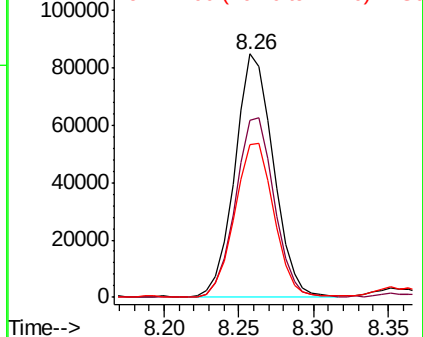
79 100

108 72.7 58.2 87.2

77 62.8 50.2 75.4



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 62.775 ng

RT: 8.56 min Scan# 932

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

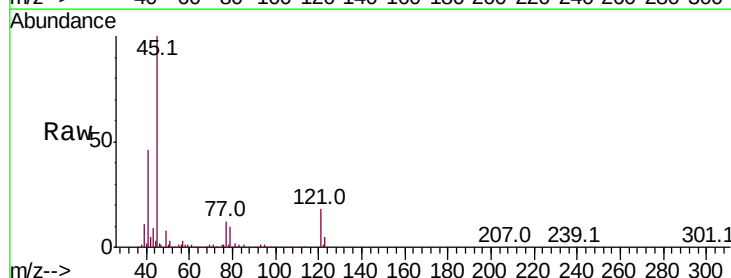
Tgt Ion: 45 Resp: 253083

Ion Ratio Lower Upper

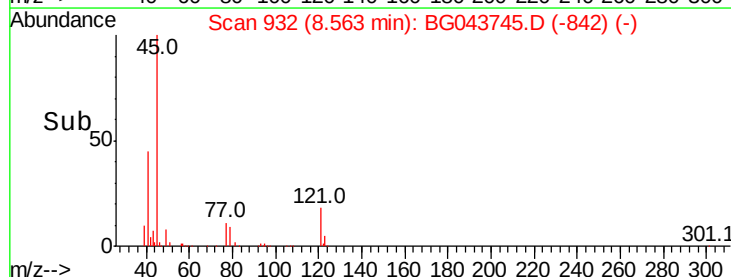
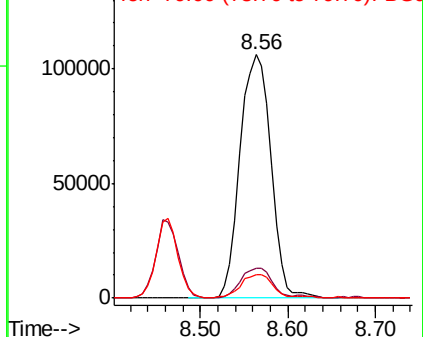
45 100

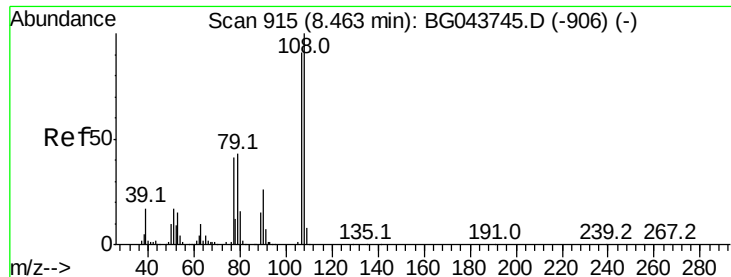
77 12.2 0.0 32.2

79 9.9 0.0 29.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 49.604 ng

RT: 8.46 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 129681

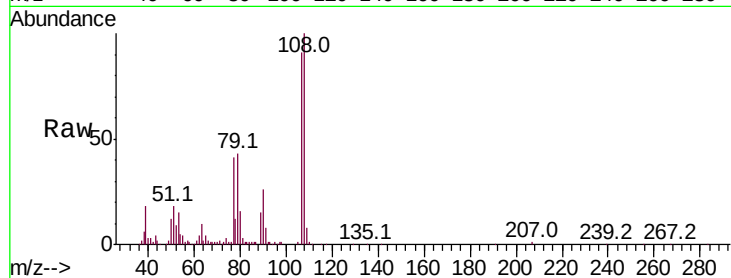
Ion Ratio Lower Upper

107 100

108 110.0 88.0 132.0

77 44.9 35.9 53.9

79 47.7 38.2 57.2

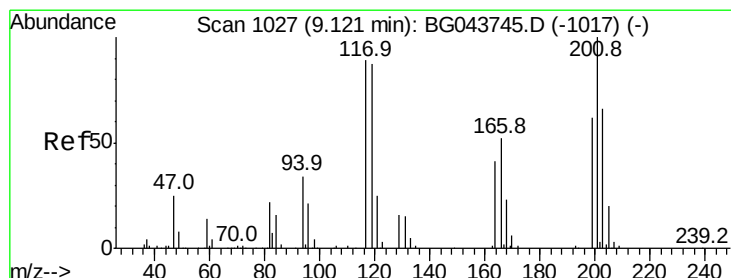
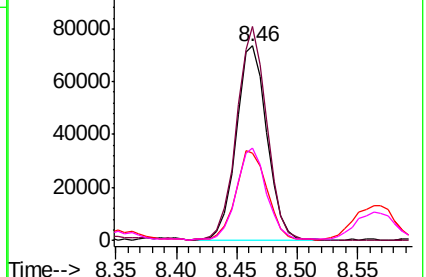
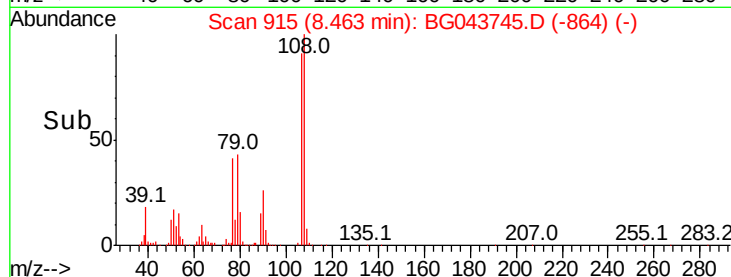


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.999 ng

RT: 9.12 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

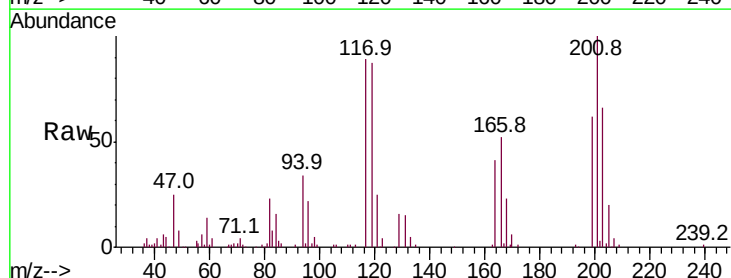
Tgt Ion:117 Resp: 56460

Ion Ratio Lower Upper

117 100

119 97.1 77.7 116.5

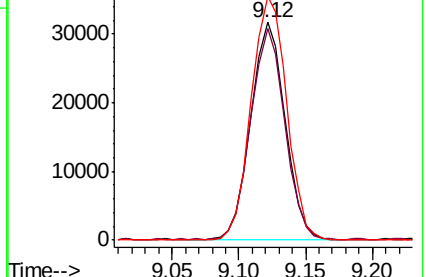
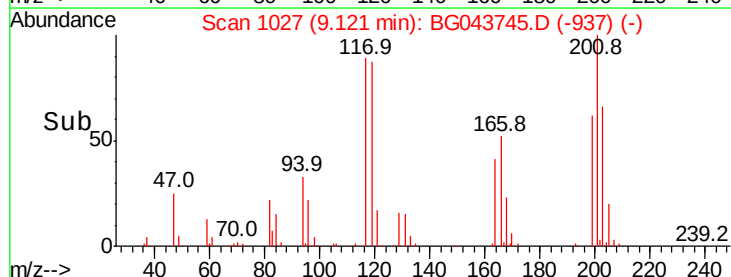
201 111.7 89.4 134.0

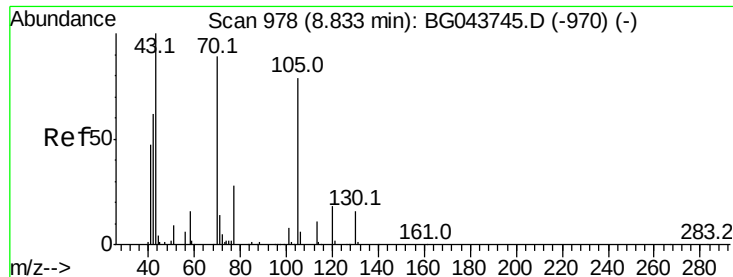


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

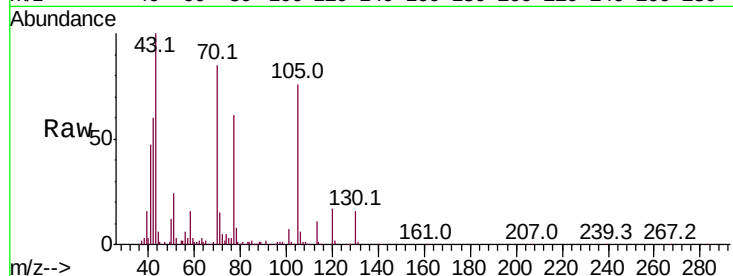




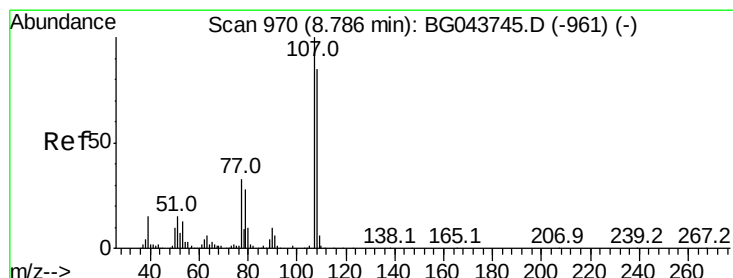
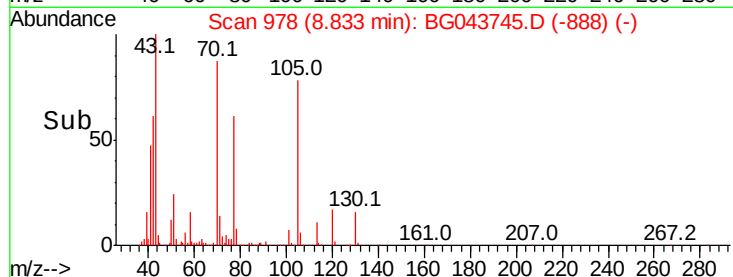
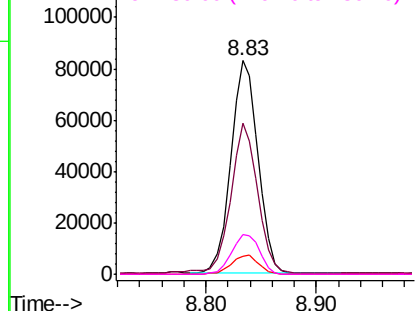
#19
n-Nitroso-di-n-propylamine
Concen: 56.187 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	142486
Ion	Ratio	Lower	Upper
70	100		
42	70.5	56.4	84.6
101	8.4	6.7	10.1
130	18.4	14.7	22.1

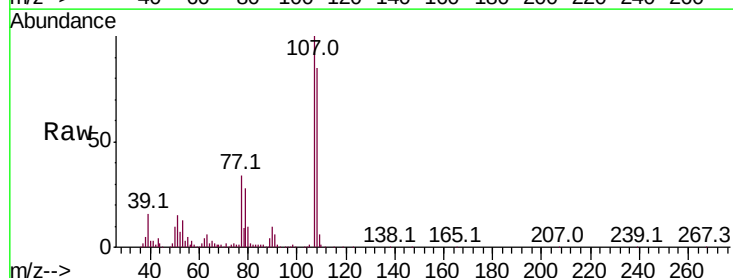


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

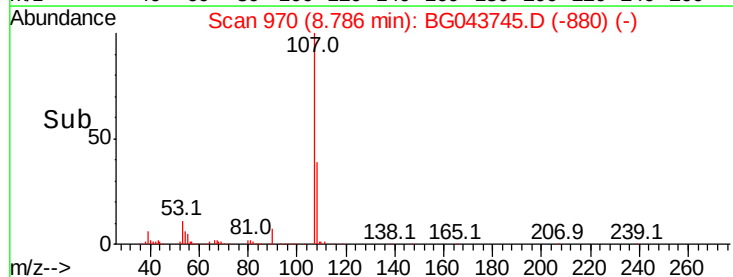
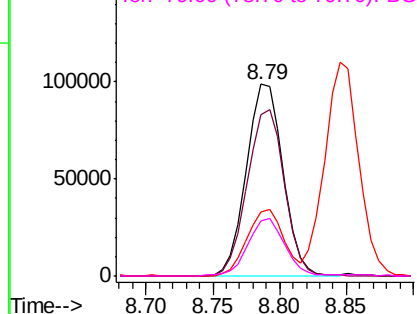


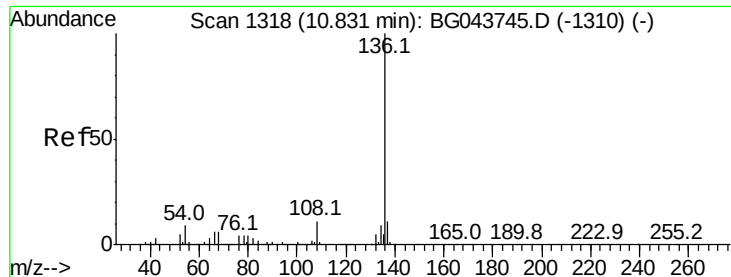
#20
3+4-Methylphenols
Concen: 52.426 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

Tgt Ion:	107	Resp:	187941
Ion	Ratio	Lower	Upper
107	100		
108	84.6	64.6	104.6
77	33.7	13.7	53.7
79	28.5	8.5	48.5



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

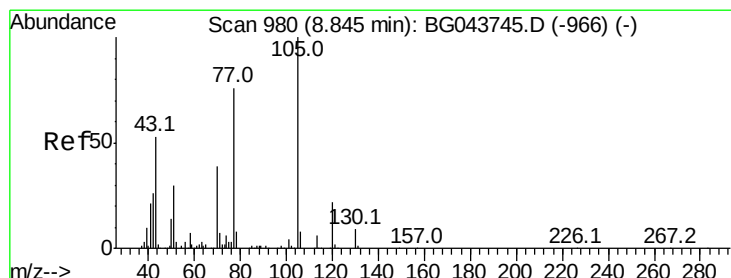
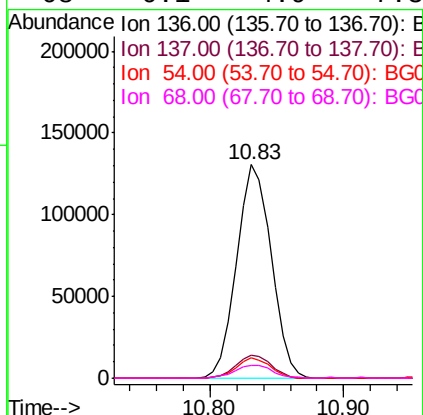
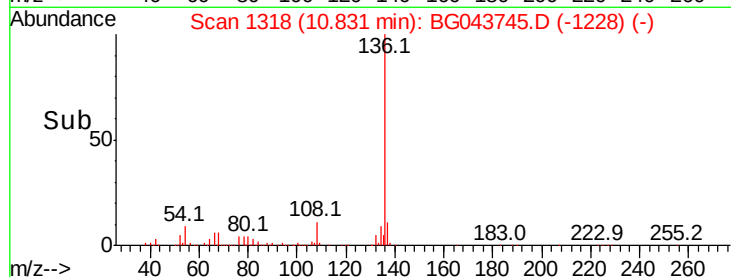
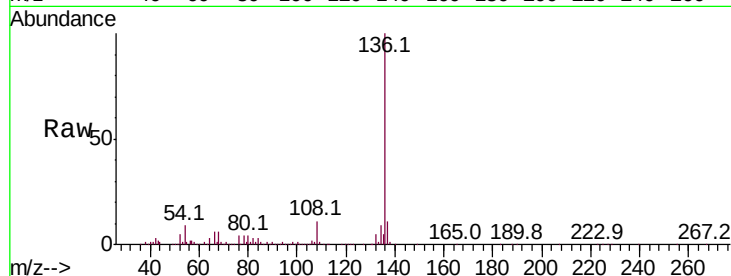




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

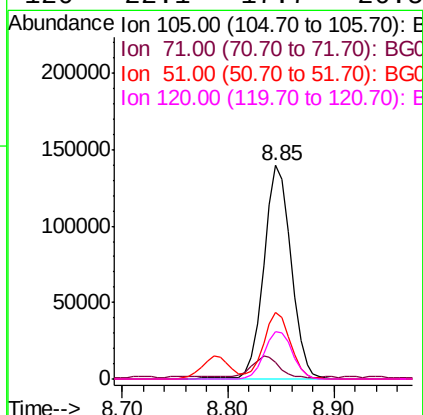
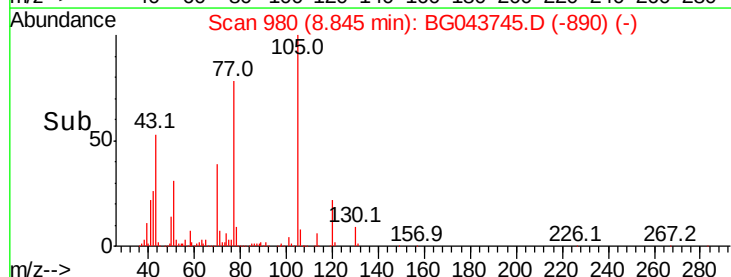
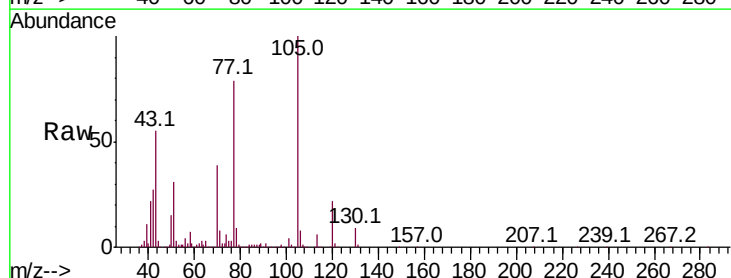
Instrument :
BNA_G
ClientSampleId :

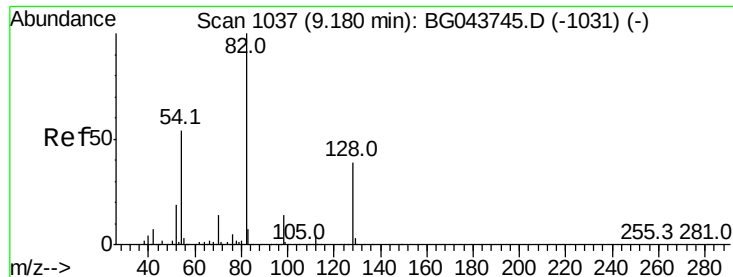
Tot Ion:	136	Resp:	234484
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.4	7.5	11.3
68	6.1	4.9	7.3



#22
Acetophenone
Concen: 41.451 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

Tgt Ion:	105	Resp:	248911
Ion	Ratio	Lower	Upper
105	100		
71	7.9	6.3	9.5
51	30.9	24.7	37.1
120	22.1	17.7	26.5





#23

Nitrobenzene-d5

Concen: 74.574 ng

RT: 9.18 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Instrument :

BNA_G

ClientSampled :

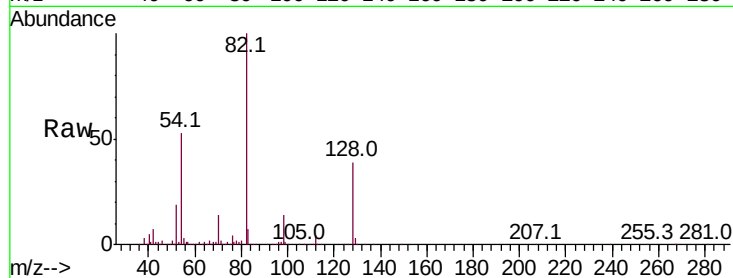
Tot Ion: 82 Resp: 339185

Ion Ratio Lower Upper

82 100

128 39.1 31.3 46.9

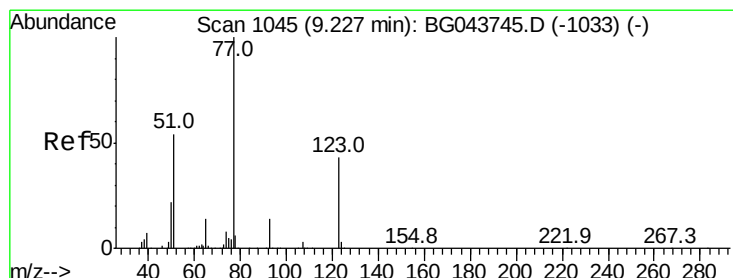
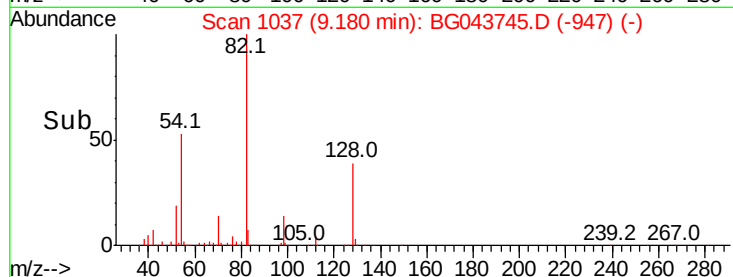
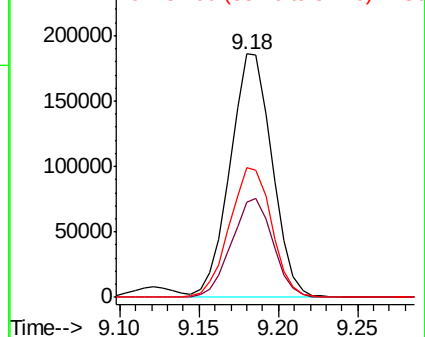
54 53.4 42.7 64.1



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 39.354 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

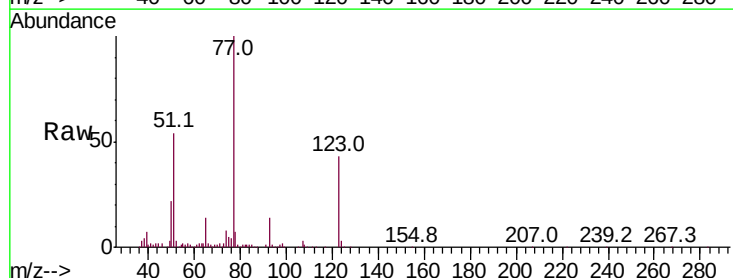
Tgt Ion: 77 Resp: 170509

Ion Ratio Lower Upper

77 100

123 43.4 34.7 52.1

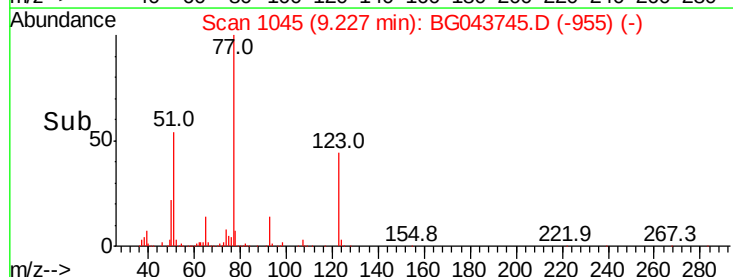
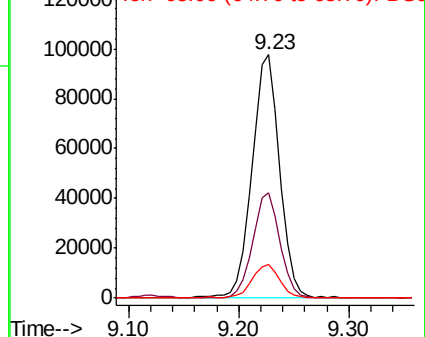
65 13.8 11.0 16.6

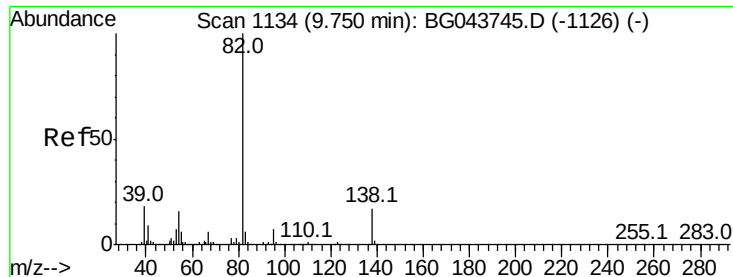


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 46.987 ng

RT: 9.75 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Instrument :

BNA_G

ClientSampled :

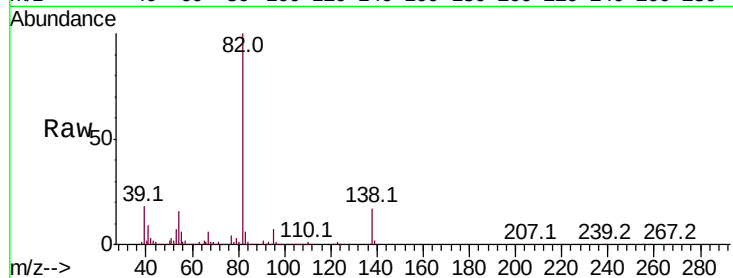
Tot Ion: 82 Resp: 390718

Ion Ratio Lower Upper

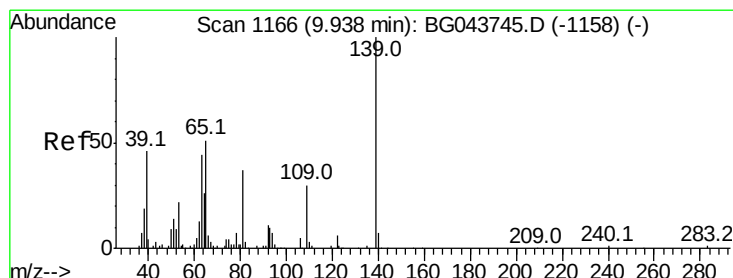
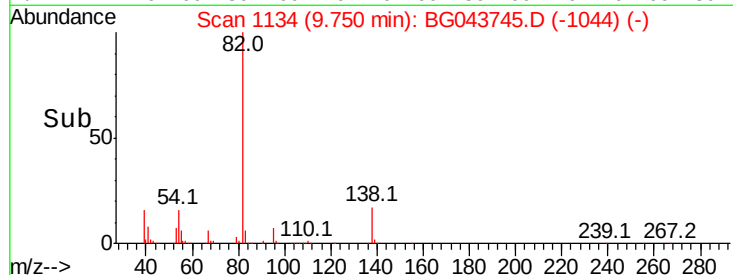
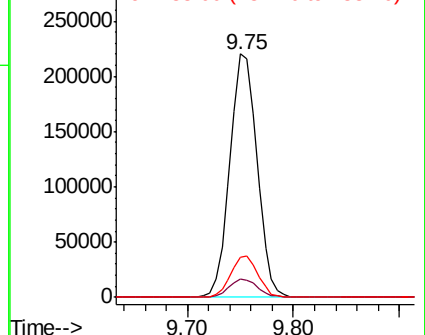
82 100

95 7.4 5.9 8.9

138 16.6 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: 29.368 ng

RT: 9.94 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

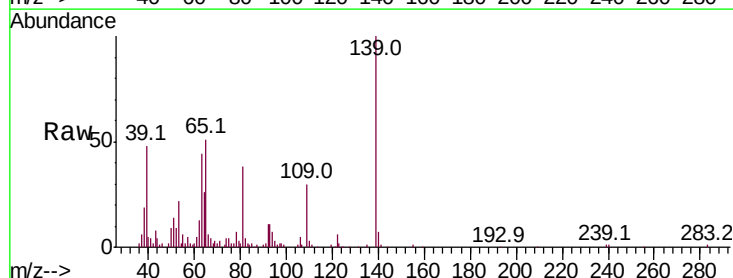
Tgt Ion: 139 Resp: 61432

Ion Ratio Lower Upper

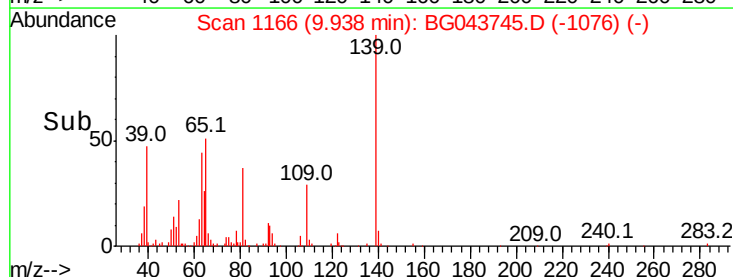
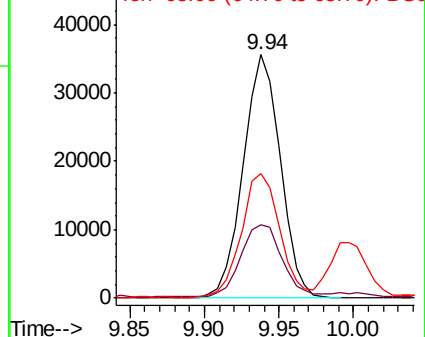
139 100

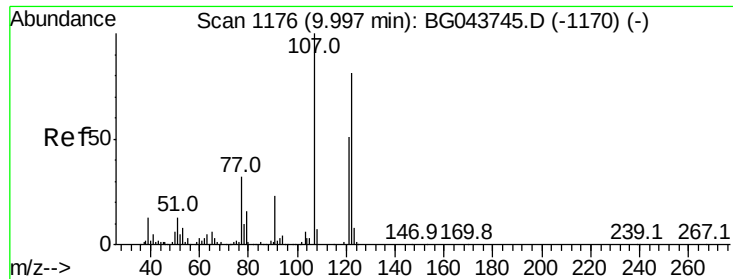
109 30.1 24.1 36.1

65 51.4 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

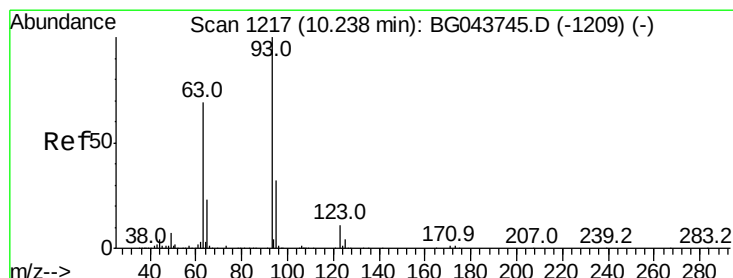
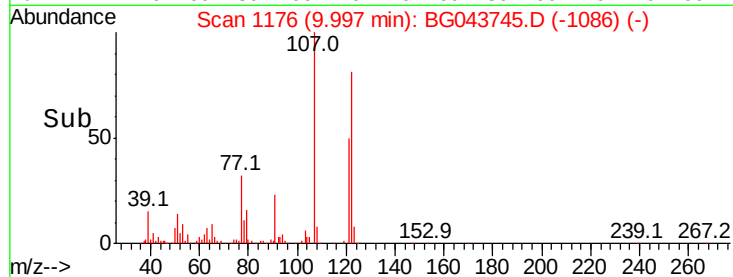
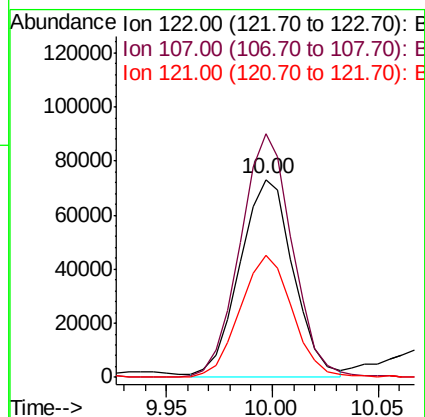
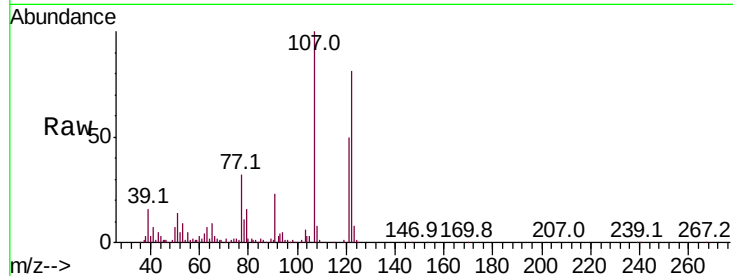




#27
2,4-Dimethylphenol
Concen: 42.721 ng
RT: 10.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

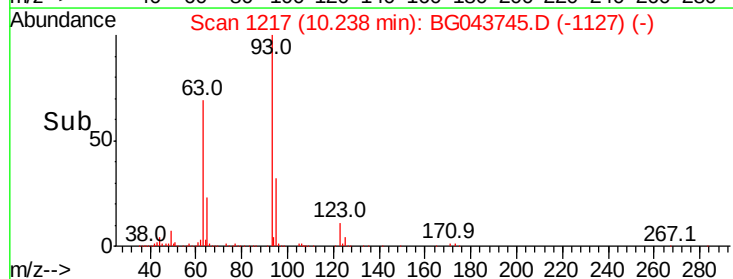
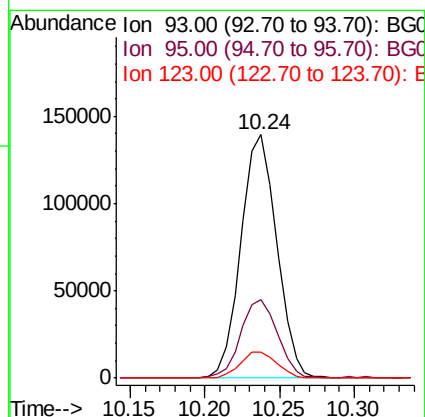
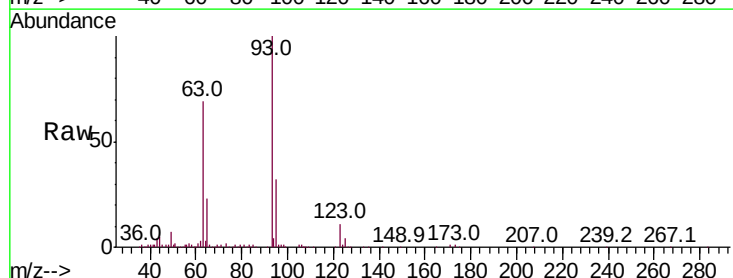
Instrument :
BNA_G
ClientSampled :

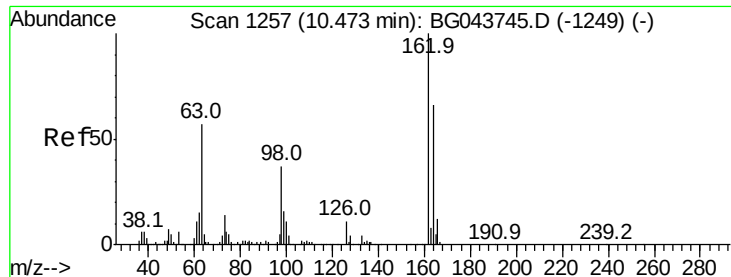
Tot Ion	Ratio	Lower	Upper
122	100		
107	123.1	98.5	147.7
121	62.0	49.6	74.4



#28
bis(2-Chloroethoxy)methane
Concen: 50.480 ng
RT: 10.24 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	10.9	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 40.643 ng

RT: 10.47 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Instrument :

BNA_G

ClientSampled :

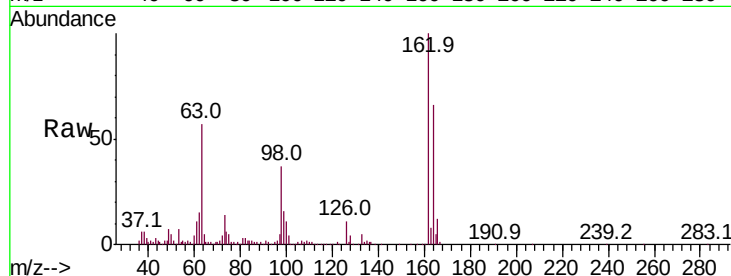
Tot Ion:162 Resp: 156124

Ion Ratio Lower Upper

162 100

164 66.4 46.4 86.4

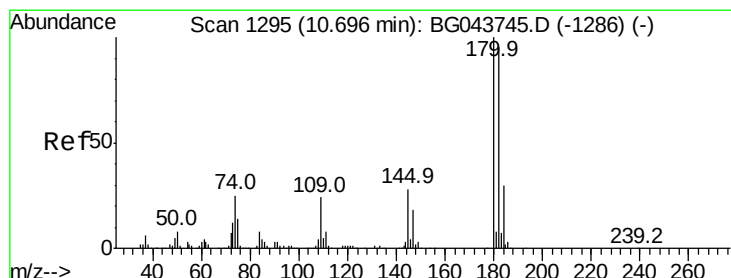
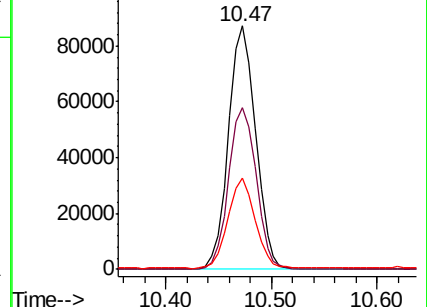
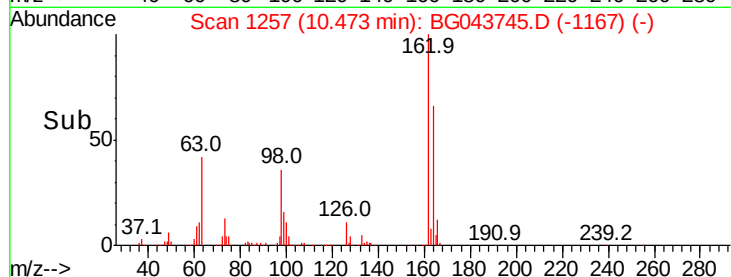
98 37.3 17.3 57.3



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: 36.023 ng

RT: 10.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

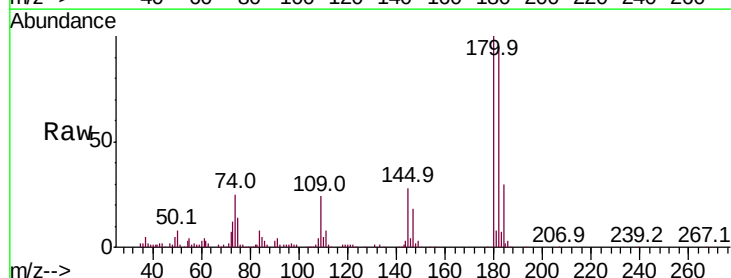
Tgt Ion:180 Resp: 174407

Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

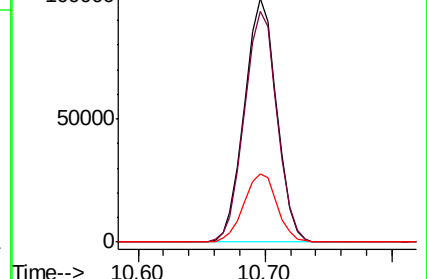
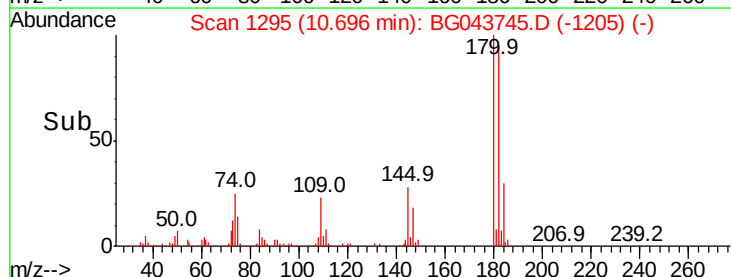
145 28.1 22.5 33.7

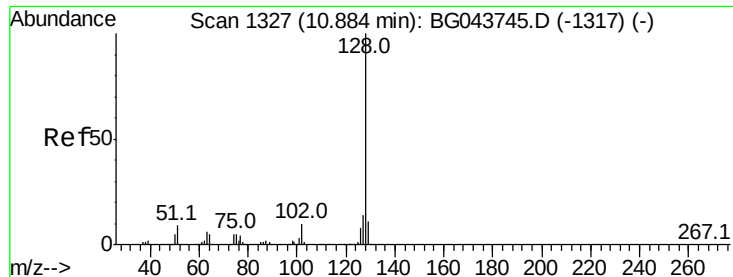


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

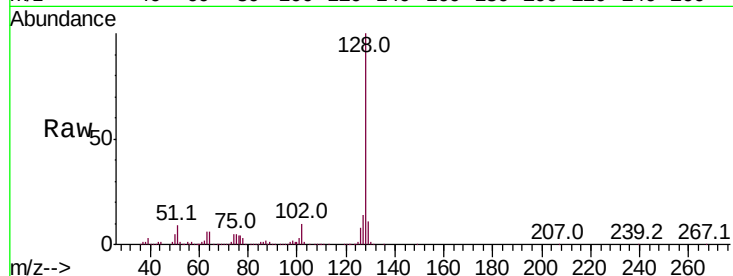




#31
Naphthalene
Concen: 40.089 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	14.2	11.4	17.0

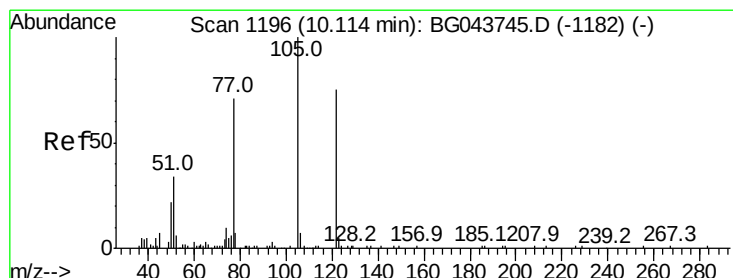
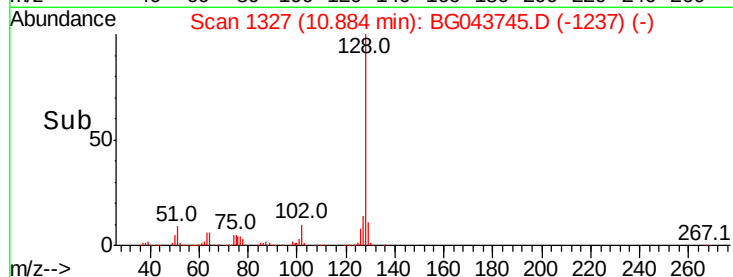
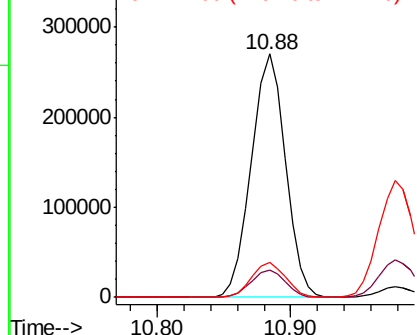


Abundance

Ion 128.00 (127.70 to 128.70): E

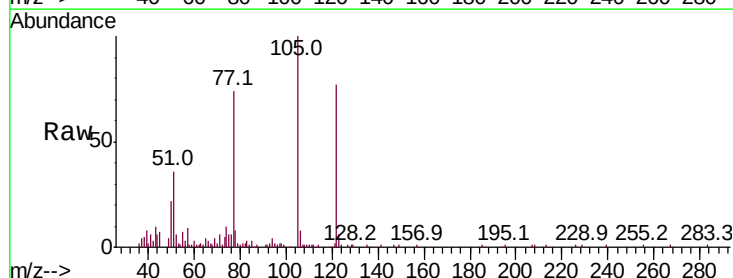
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 40.167 ng
RT: 10.11 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.3	109.3	149.3
77	96.1	76.1	116.1

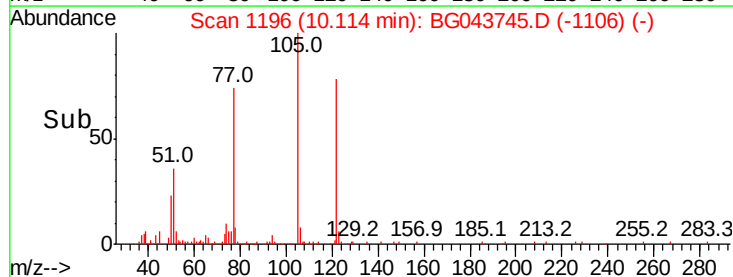
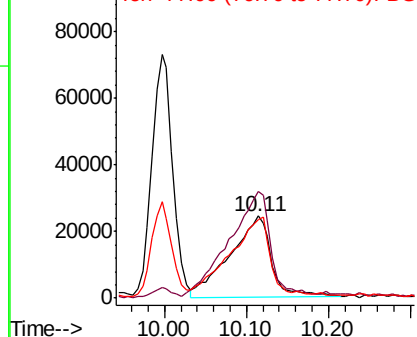


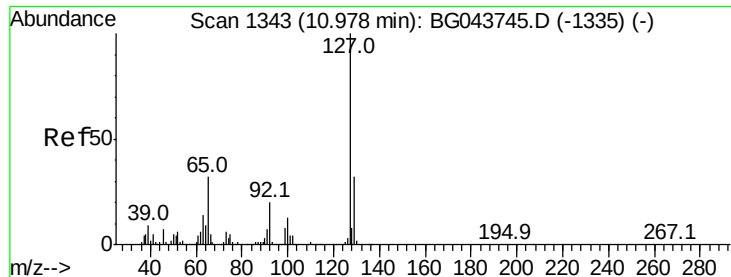
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO

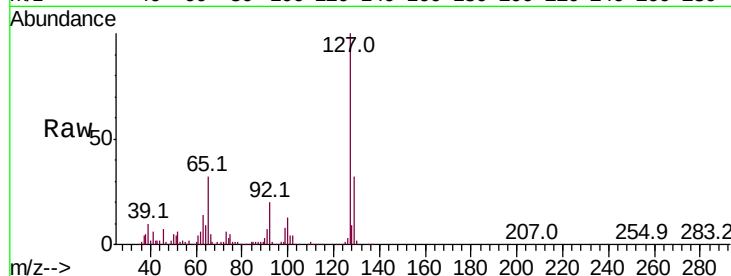




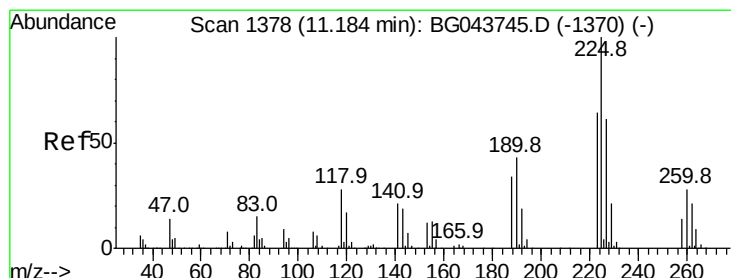
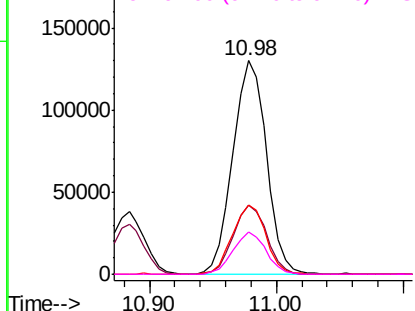
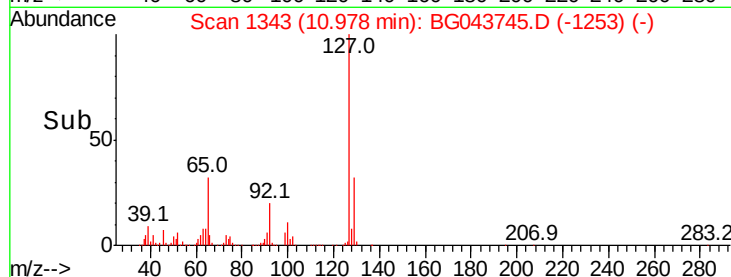
#33
4-Chloroaniline
Concen: 48.855 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	238359
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	32.3	25.8	38.8
92	19.7	15.8	23.6

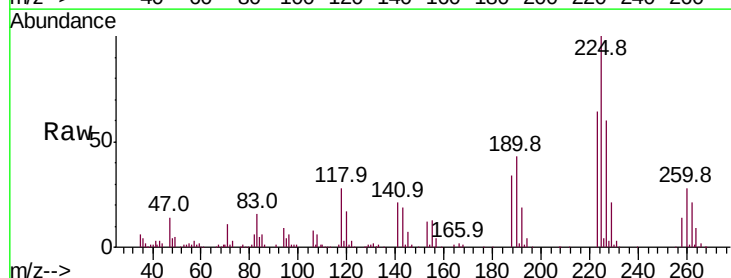


Abundance Ion 127.00 (126.70 to 127.70): E
200000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

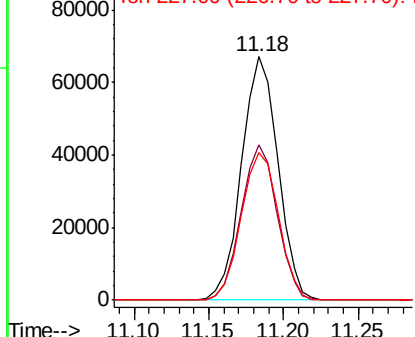
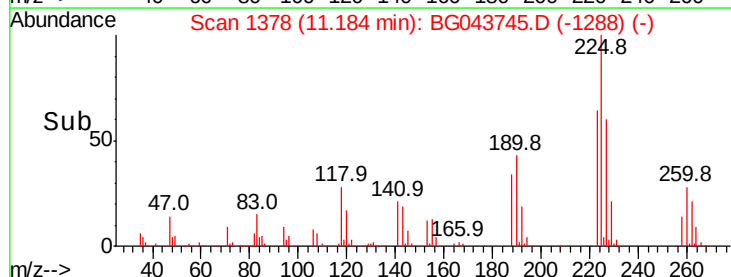


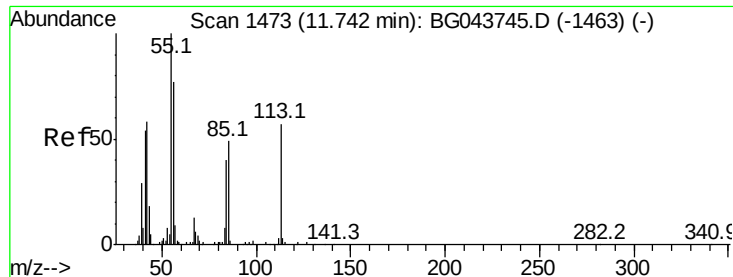
#34
Hexachlorobutadiene
Concen: 31.560 ng
RT: 11.18 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

Tgt Ion:	225	Resp:	112952
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.2	76.8
227	63.7	51.0	76.4



Abundance Ion 225.00 (224.70 to 225.70): E
80000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 53.943 ng

RT: 11.74 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Instrument :

BNA_G

ClientSampleId :

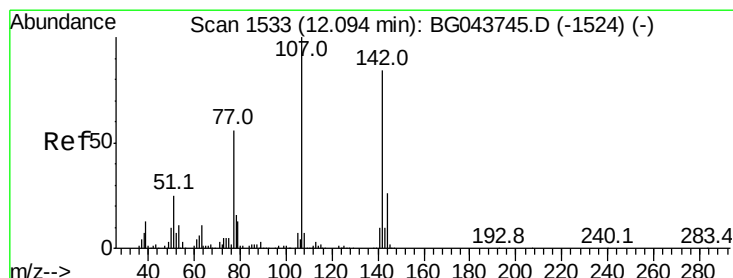
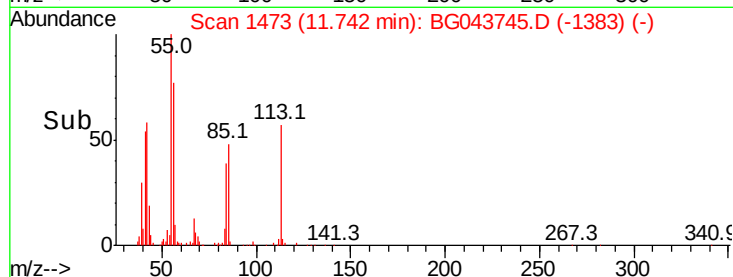
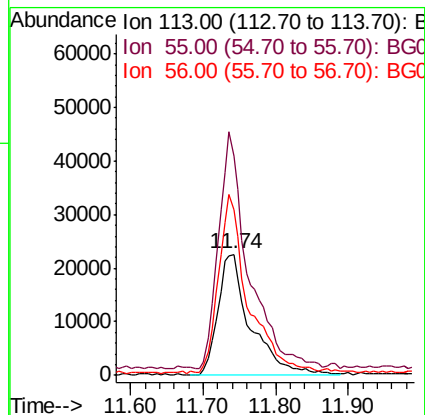
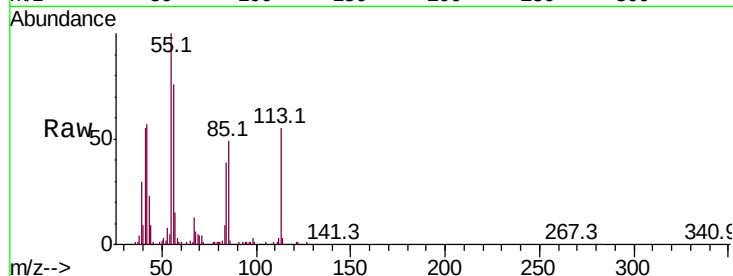
Tot Ion:113 Resp: 71365

Ion Ratio Lower Upper

113 100

55 180.9 160.9 200.9

56 136.8 116.8 156.8



#36

4-Chloro-3-methylphenol

Concen: 44.094 ng

RT: 12.09 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

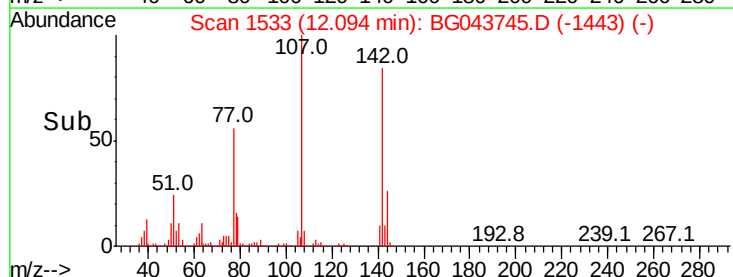
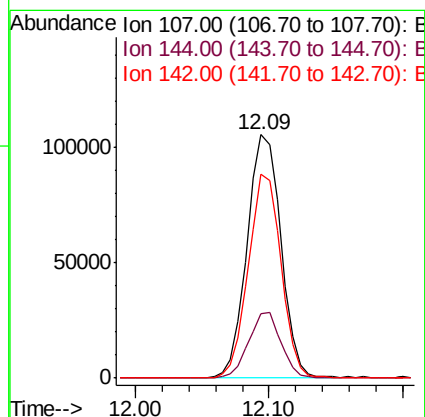
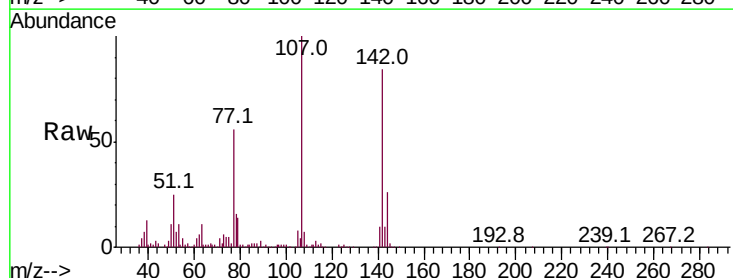
Tgt Ion:107 Resp: 184759

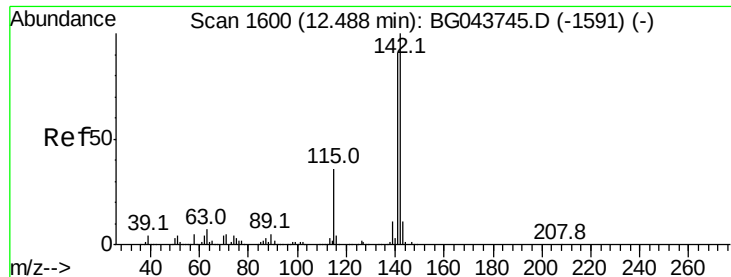
Ion Ratio Lower Upper

107 100

144 26.2 21.0 31.4

142 83.7 67.0 100.4

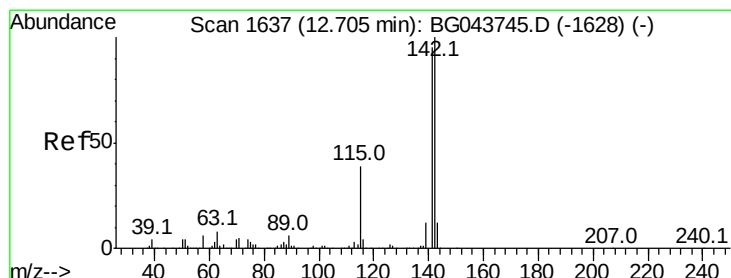
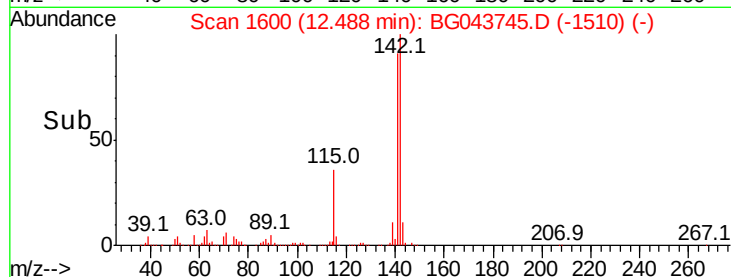
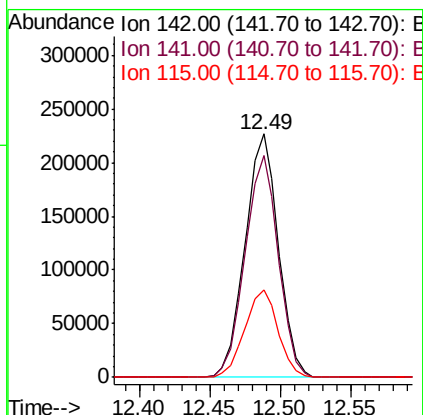
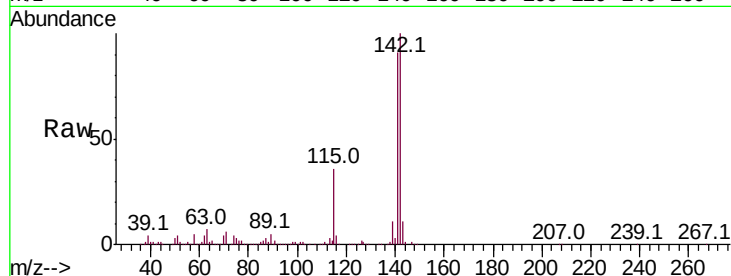




#37
2-Methylnaphthalene
Concen: 41.045 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

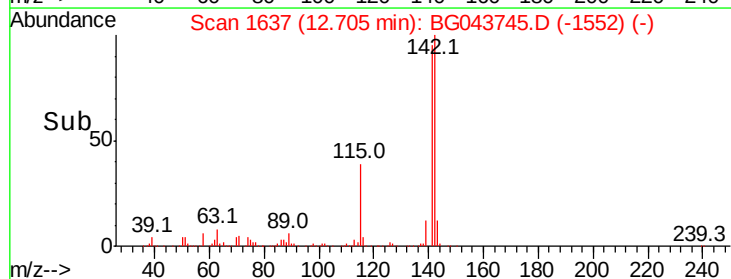
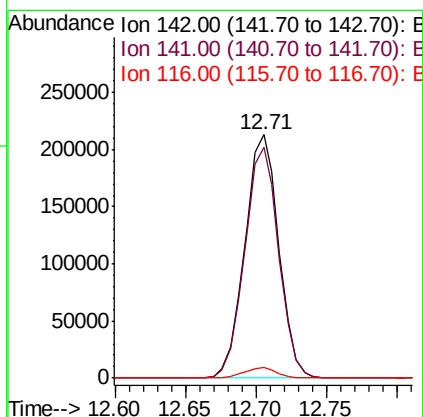
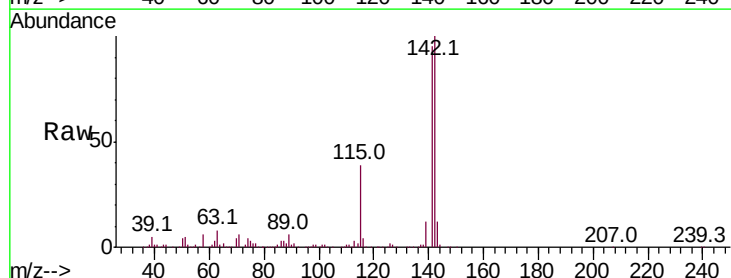
Instrument :
BNA_G
ClientSampleId :

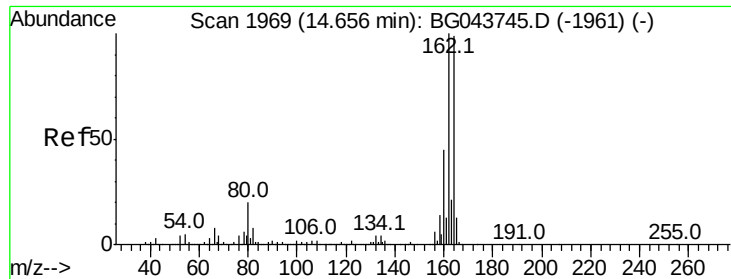
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.8	109.2
115	36.1	28.9	43.3



#38
1-Methylnaphthalene
Concen: 41.229 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	75.8	113.8
116	4.2	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

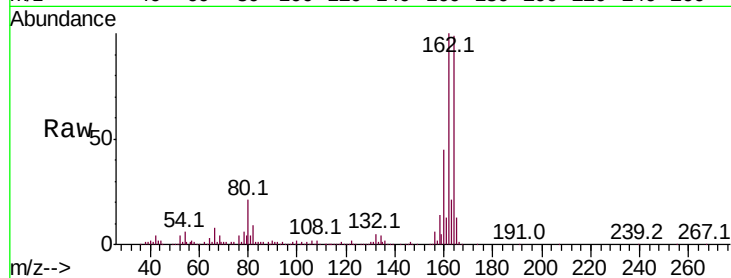
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 183189

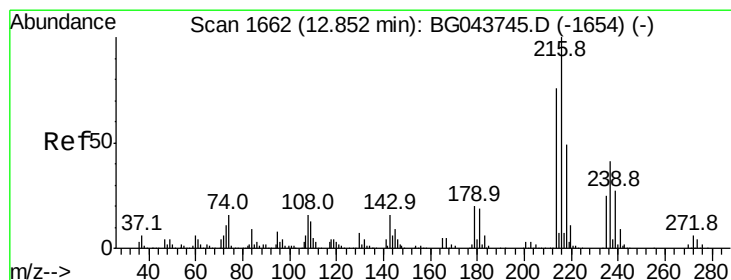
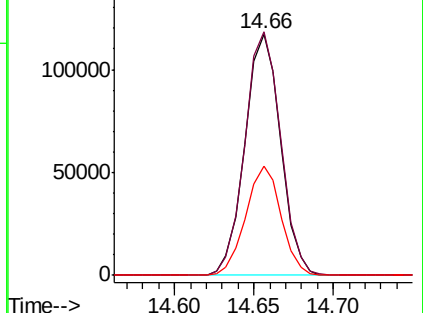
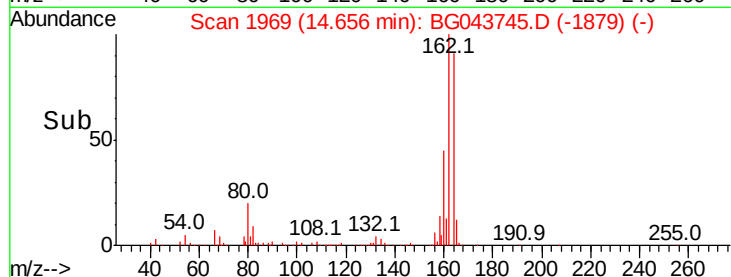
Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	121.0
160	45.4	36.3	54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 32.767 ng

RT: 12.85 min Scan# 1662

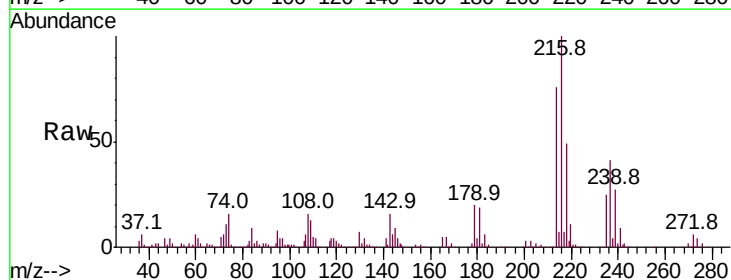
Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Tgt Ion:216 Resp: 222146

Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.0	93.0
179	20.4	16.3	24.5
108	16.3	13.0	19.6

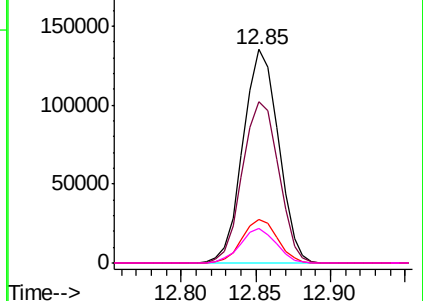
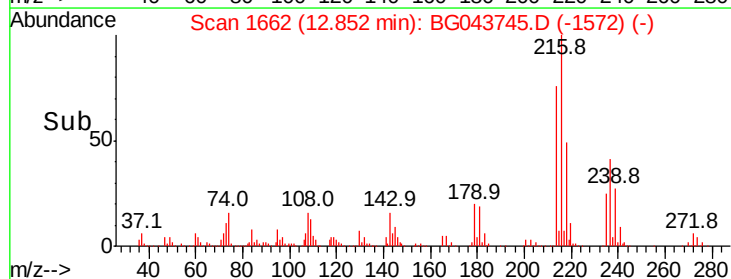


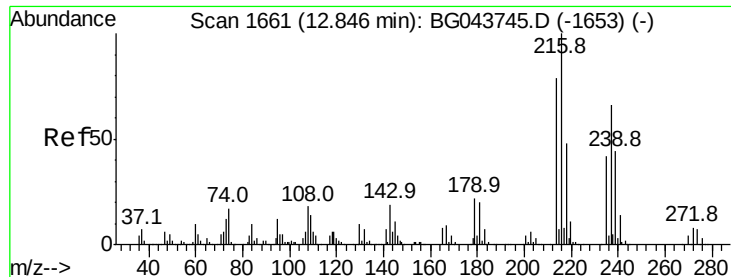
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

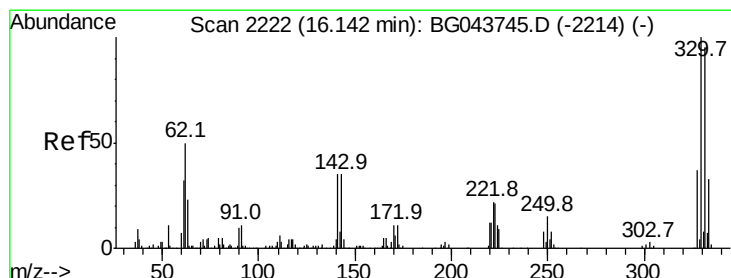
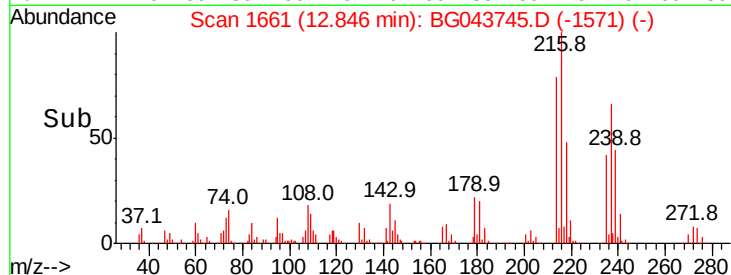
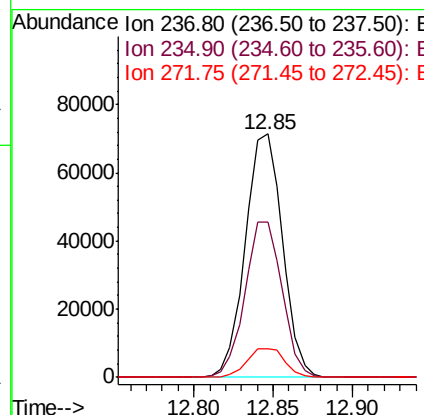
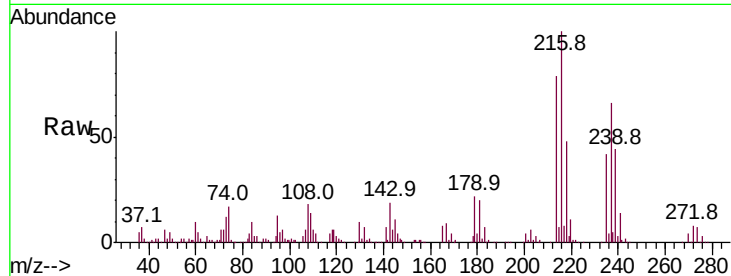




#41
Hexachlorocyclopentadiene
Concen: 32.680 ng
RT: 12.85 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

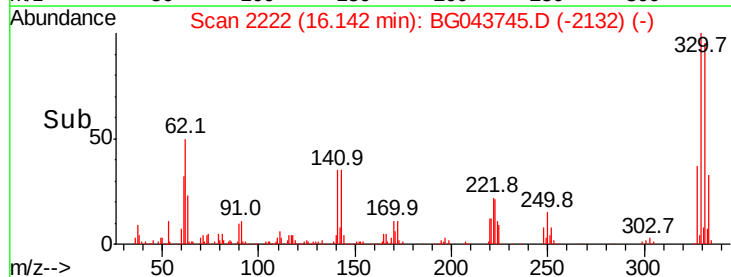
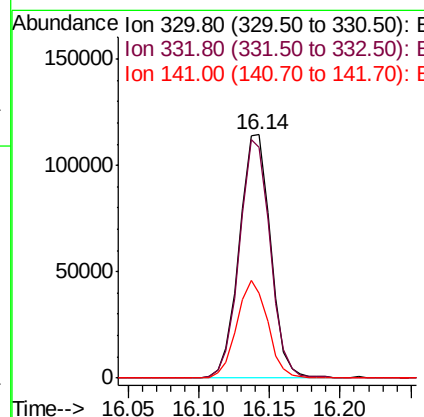
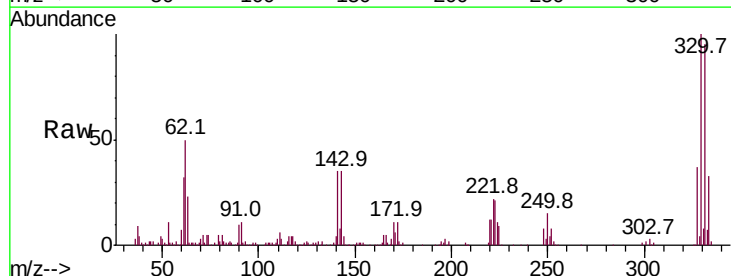
Instrument :
BNA_G
ClientSampled :

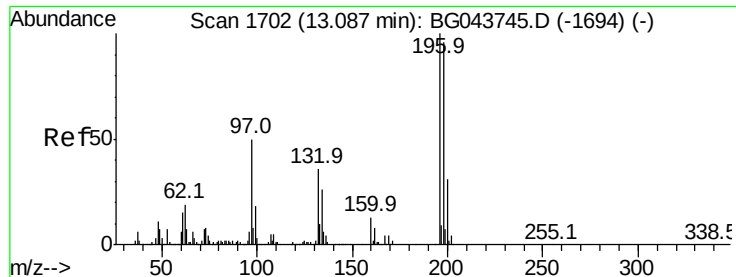
Tot Ion:237 Resp: 116386
Ion Ratio Lower Upper
237 100
235 63.8 43.8 83.8
272 11.8 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 50.925 ng
RT: 16.14 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

Tgt Ion:330 Resp: 177528
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 39.3 31.4 47.2

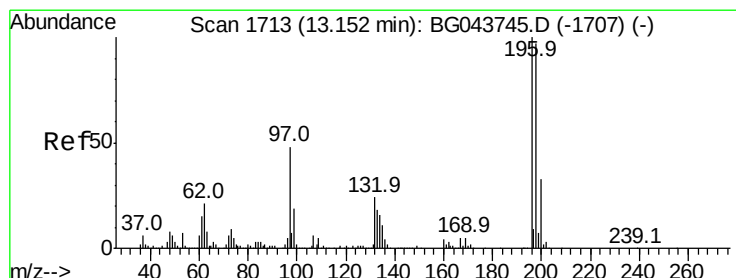
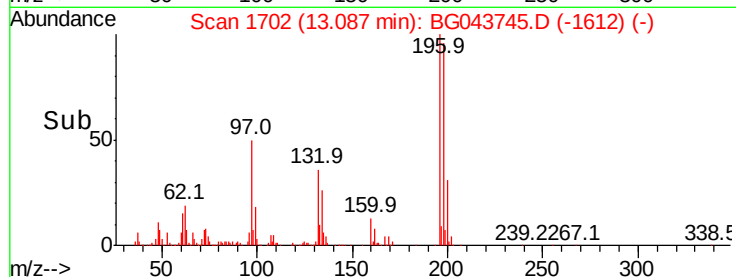
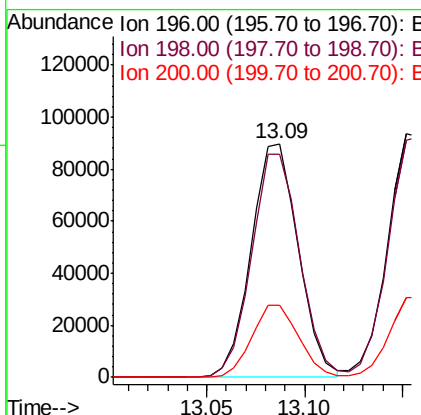
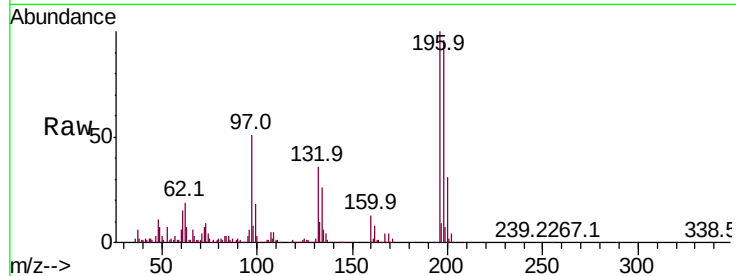




#43
 2,4,6-Trichlorophenol
 Concen: 37.580 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG043745.D
 Acq: 22 Nov 2019 17:06

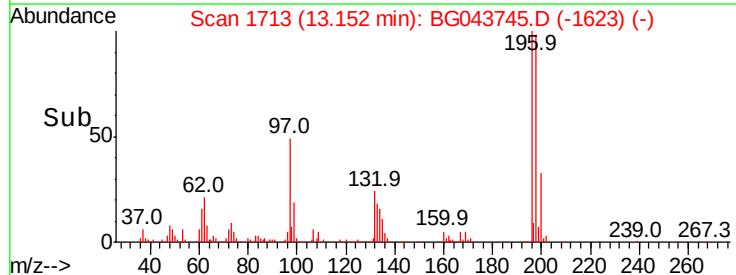
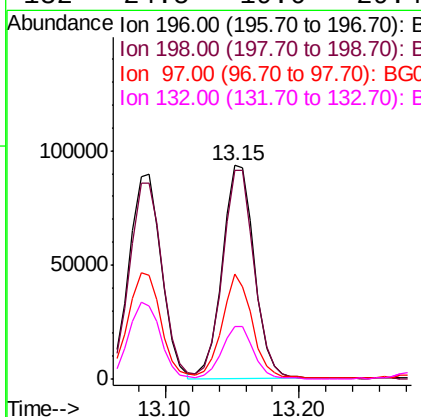
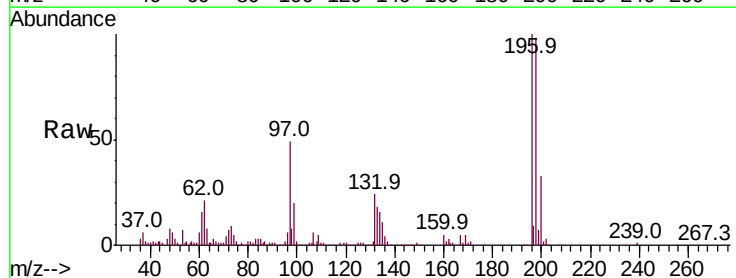
Instrument :
 BNA_G
 ClientSampleId :

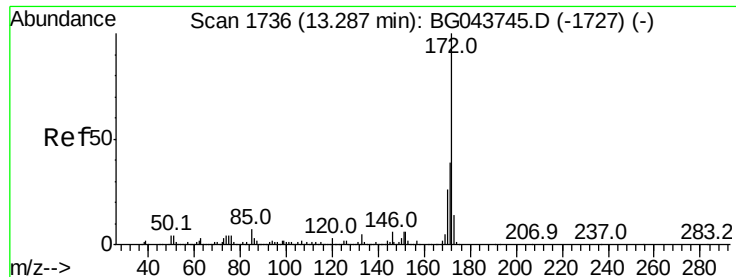
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.5	114.7
200	30.7	24.6	36.8



#44
 2,4,5-Trichlorophenol
 Concen: 38.982 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG043745.D
 Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.7	78.2	117.2
97	48.9	39.1	58.7
132	24.5	19.6	29.4

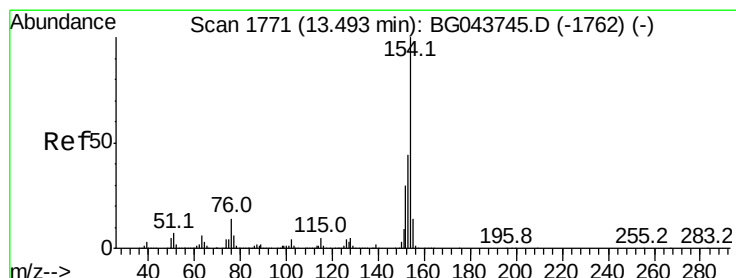
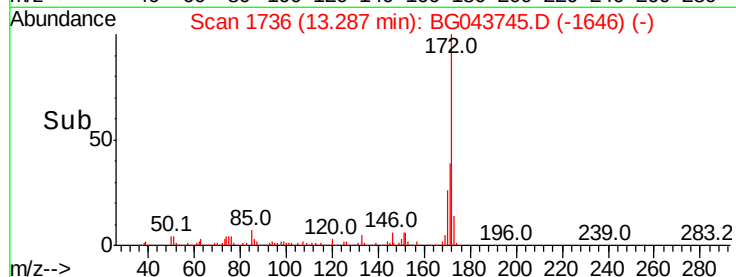
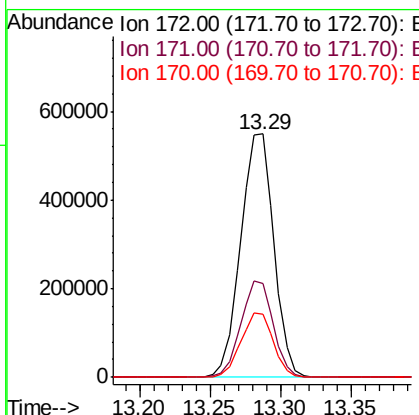
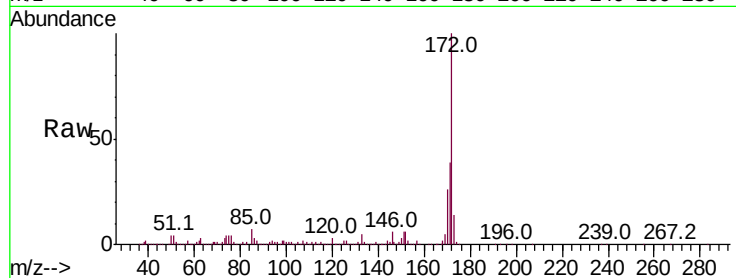




#45
 2-Fluorobiphenyl
 Concen: 68.069 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG043745.D
 Acq: 22 Nov 2019 17:06

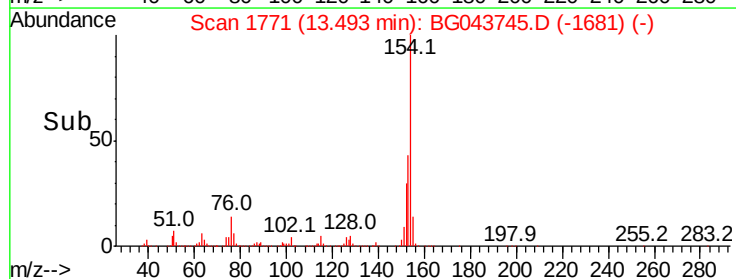
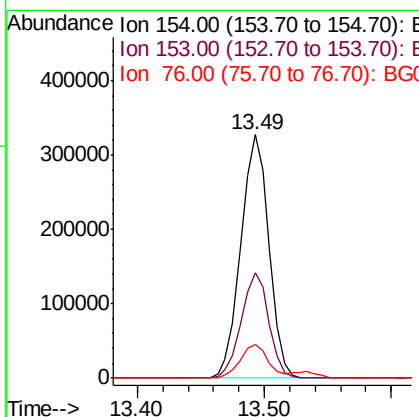
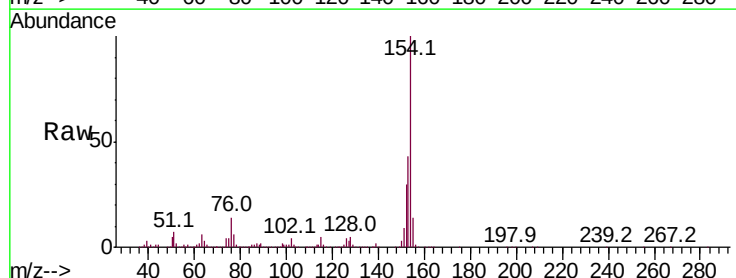
Instrument :
 BNA_G
 ClientSampleId :

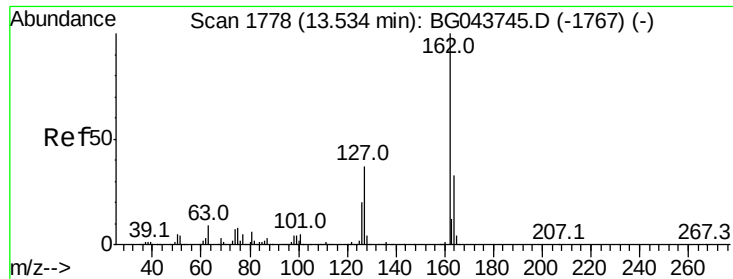
Tot Ion:172	Resp:	902410
Ion Ratio	Lower	Upper
172	100	
171	38.8	31.0 46.6
170	26.2	21.0 31.4



#46
 1,1'-Biphenyl
 Concen: 35.918 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BG043745.D
 Acq: 22 Nov 2019 17:06

Tgt Ion:154	Resp:	500550
Ion Ratio	Lower	Upper
154	100	
153	43.5	23.5 63.5
76	13.6	0.0 33.6

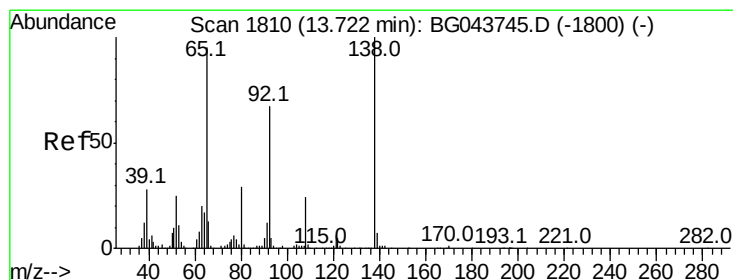
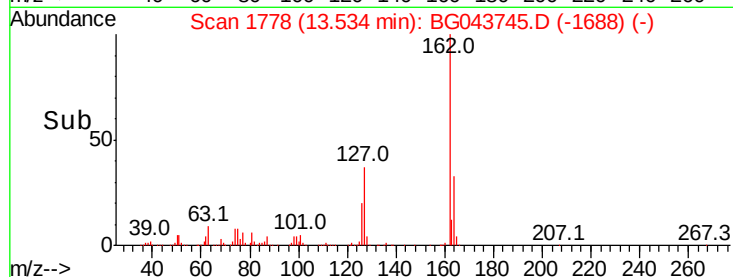
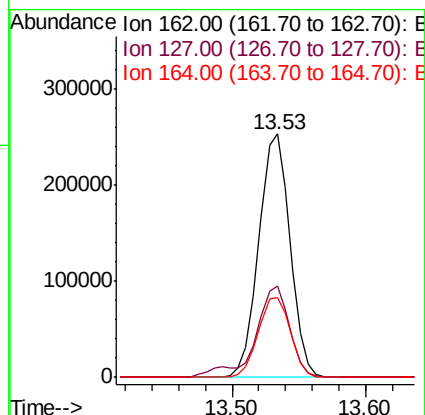
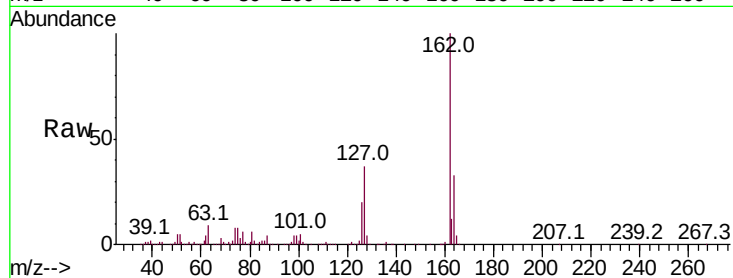




#47
 2-Chloronaphthalene
 Concen: 38.671 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG043745.D
 Acq: 22 Nov 2019 17:06

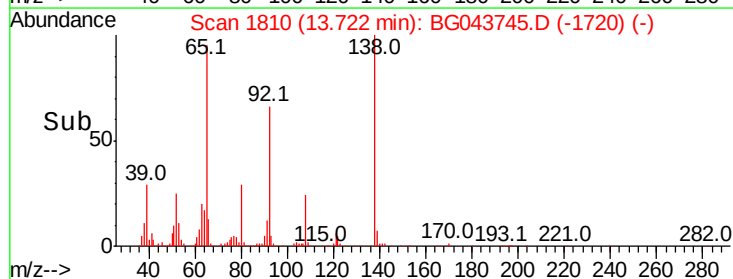
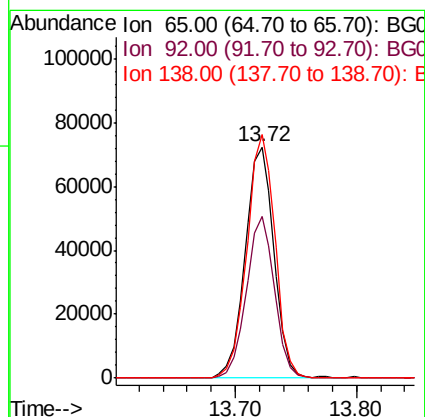
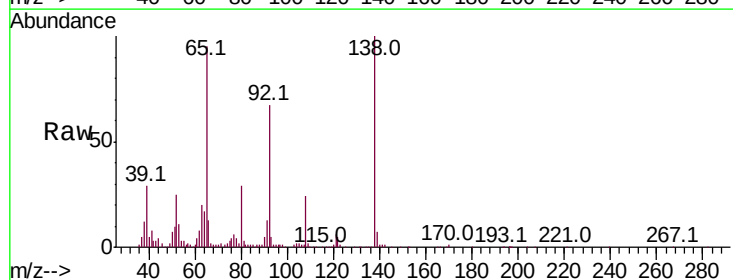
Instrument :
 BNA_G
 ClientSampleId :

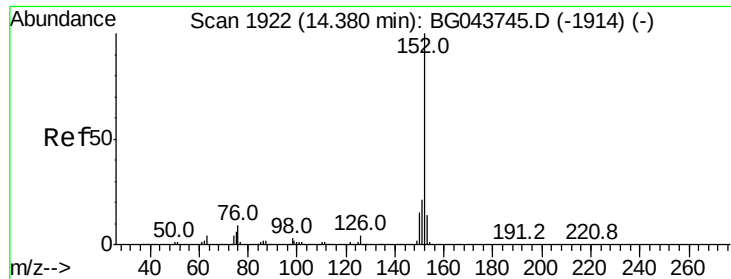
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.0	45.0
164	33.0	26.4	39.6



#48
 2-Nitroaniline
 Concen: 37.918 ng
 RT: 13.72 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: BG043745.D
 Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.1	56.1	84.1
138	105.3	84.2	126.4





#49

Acenaphthylene

Concen: 39.990 ng

RT: 14.38 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Instrument :

BNA_G

ClientSampleId :

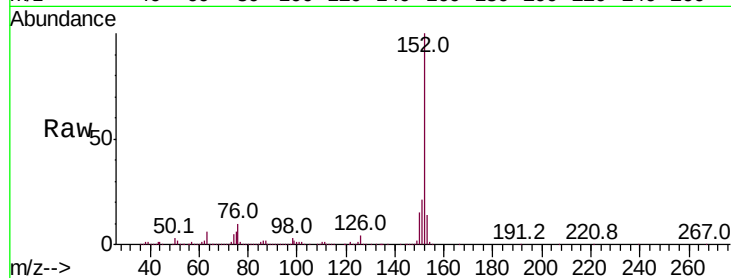
Tot Ion:152 Resp: 659953

Ion Ratio Lower Upper

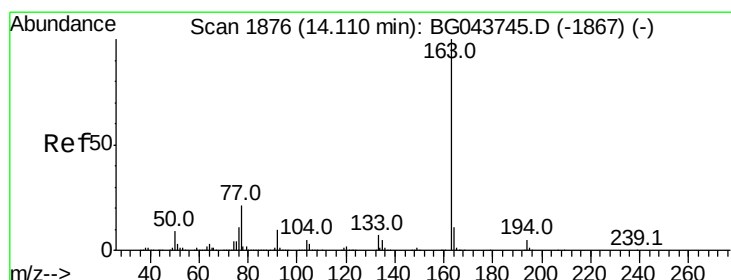
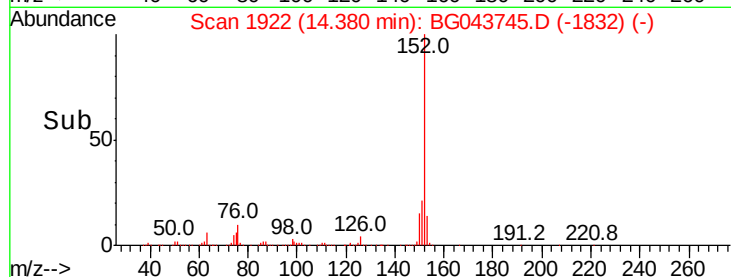
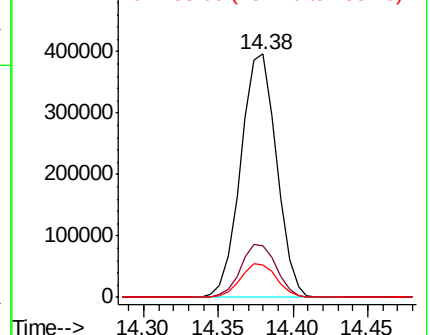
152 100

151 21.3 17.0 25.6

153 13.5 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: 41.798 ng

RT: 14.11 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

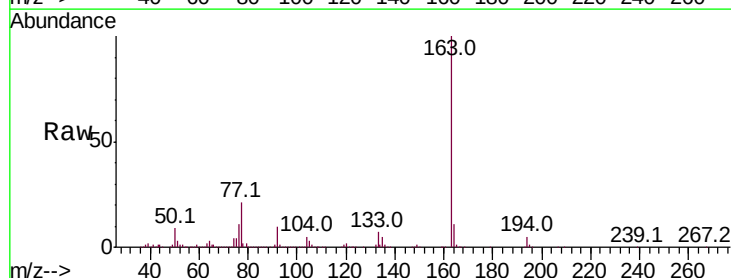
Tgt Ion:163 Resp: 593081

Ion Ratio Lower Upper

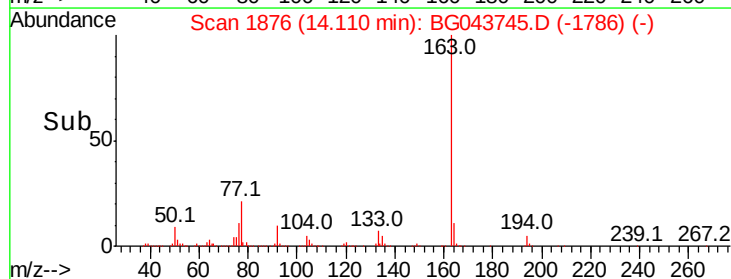
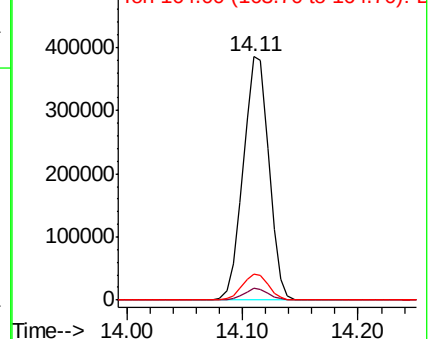
163 100

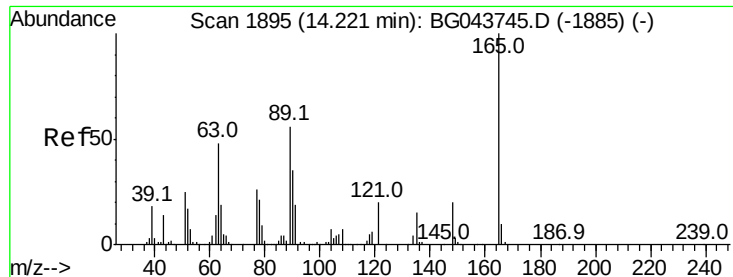
194 4.6 3.7 5.5

164 10.9 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: 35.297 ng

RT: 14.22 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Instrument :

BNA_G

ClientSampled :

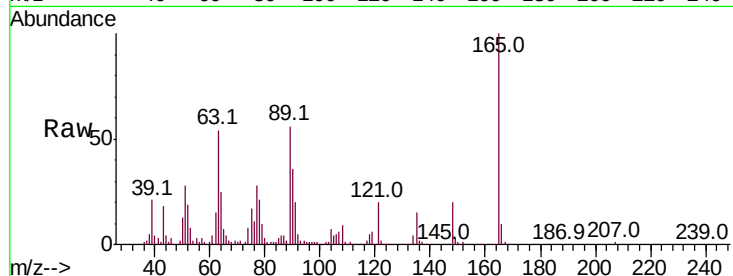
Tot Ion:165 Resp: 108805

Ion Ratio Lower Upper

165 100

63 54.3 43.4 65.2

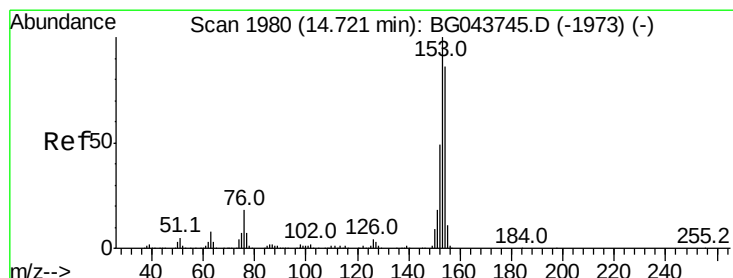
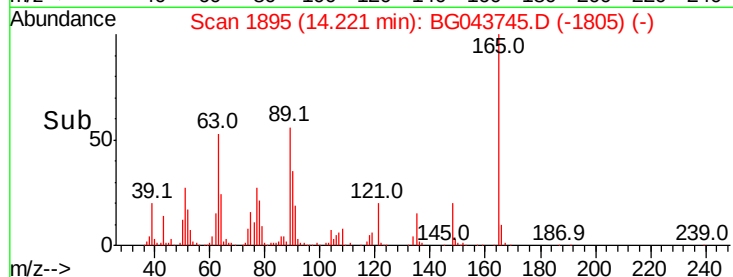
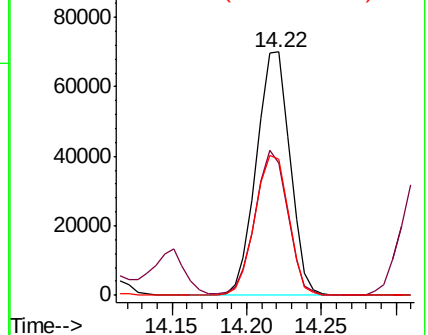
89 55.8 44.6 67.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.173 ng

RT: 14.72 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

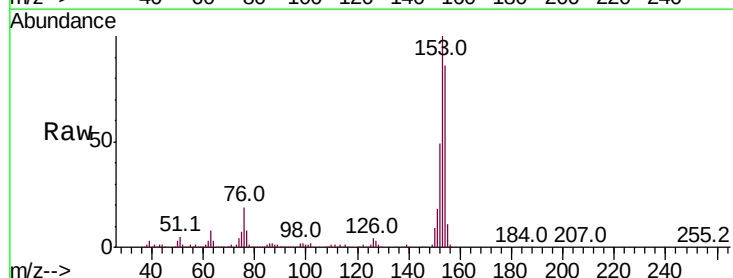
Tgt Ion:154 Resp: 414367

Ion Ratio Lower Upper

154 100

153 116.1 92.9 139.3

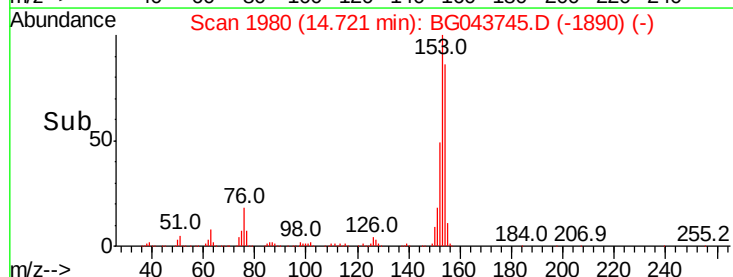
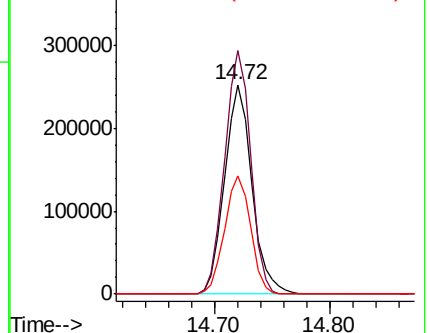
152 56.5 45.2 67.8

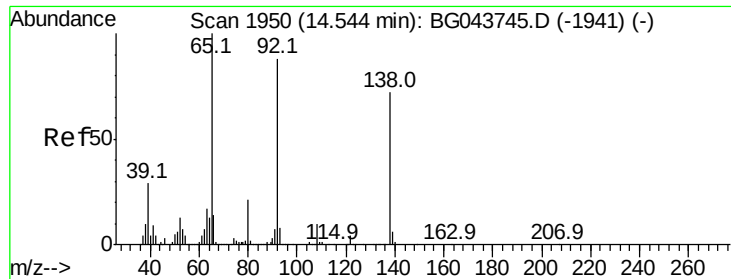


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

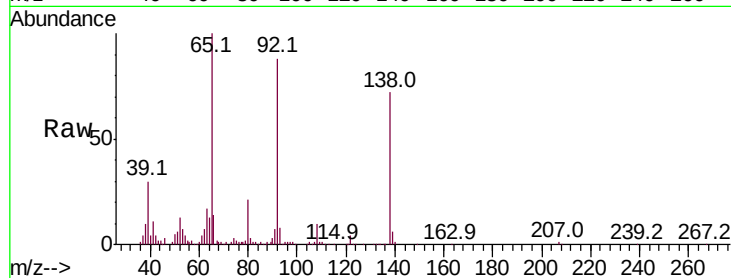




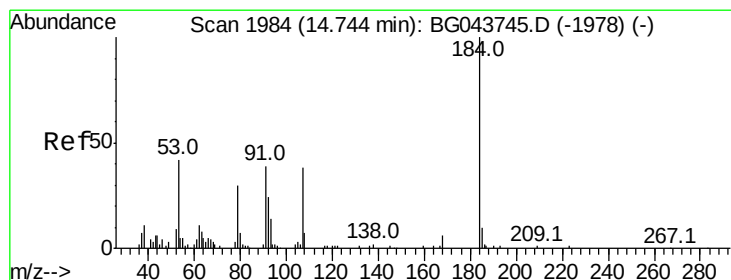
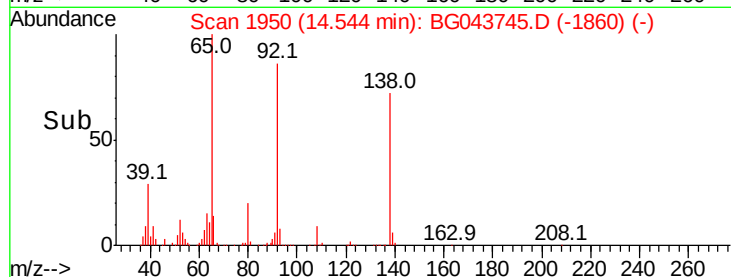
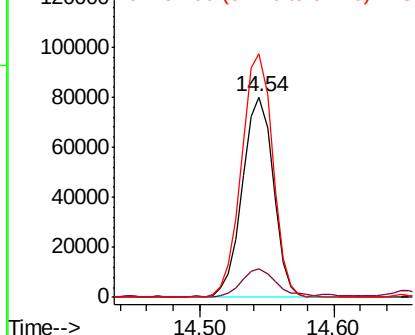
#53
3-Nitroaniline
Concen: 43.188 ng
RT: 14.54 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 128535
Ion Ratio Lower Upper
138 100
108 14.6 11.7 17.5
92 121.5 97.2 145.8

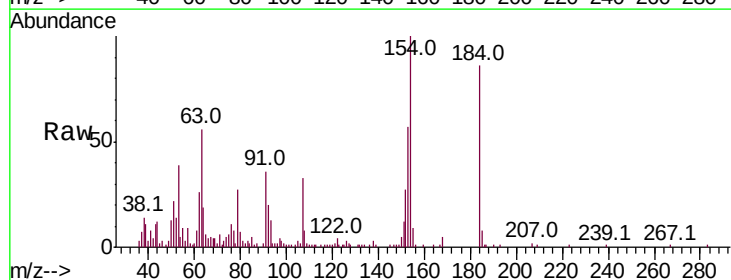


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

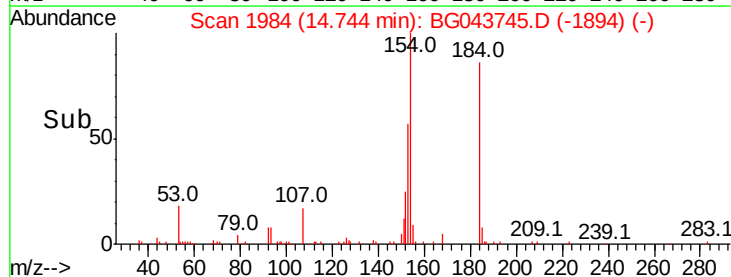
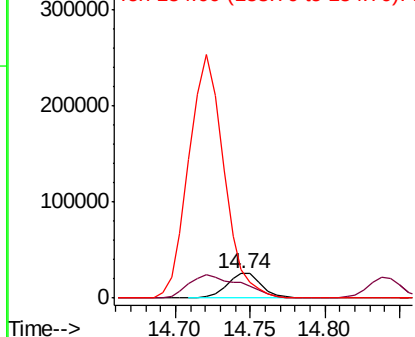


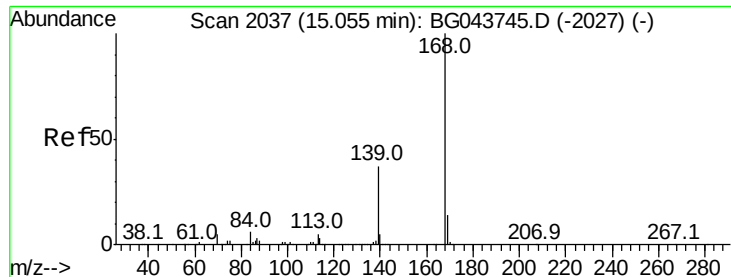
#54
2,4-Dinitrophenol
Concen: 25.593 ng
RT: 14.74 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

Tgt Ion:184 Resp: 41653
Ion Ratio Lower Upper
184 100
63 65.5 52.4 78.6
154 116.0 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

Dibenzofuran

Concen: 40.346 ng

RT: 15.06 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Instrument :

BNA_G

ClientSampleId :

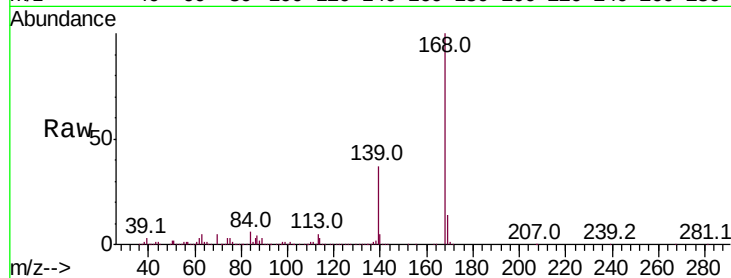
Tot Ion:168 Resp: 658465

Ion Ratio Lower Upper

168 100

139 36.8 29.4 44.2

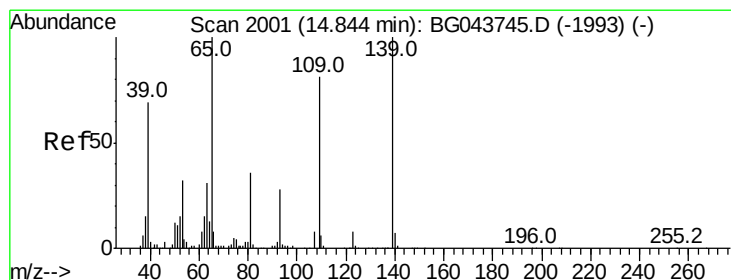
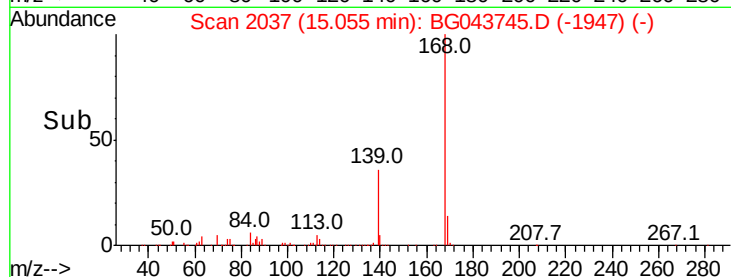
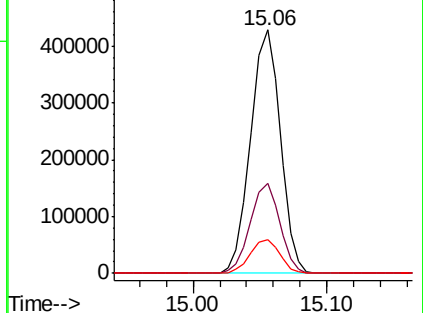
169 14.1 11.3 16.9



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: 52.792 ng

RT: 14.84 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

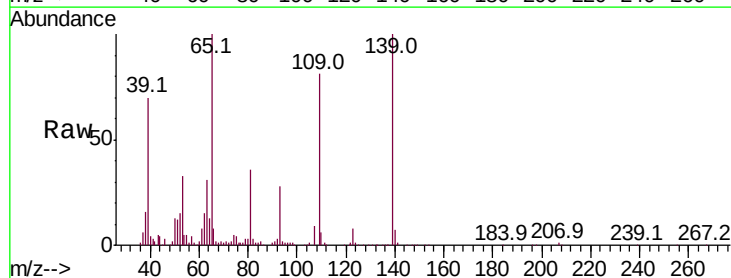
Tgt Ion:139 Resp: 105290

Ion Ratio Lower Upper

139 100

109 81.4 61.4 101.4

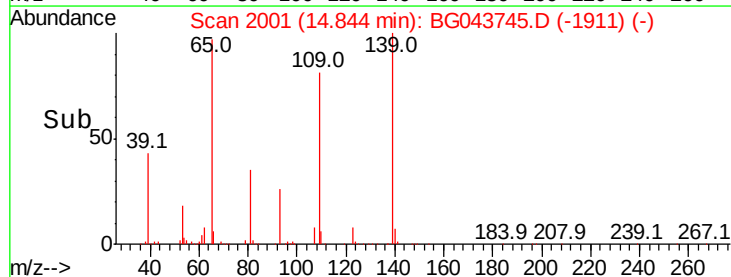
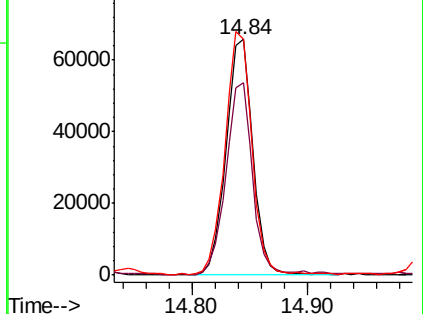
65 100.3 80.3 120.3

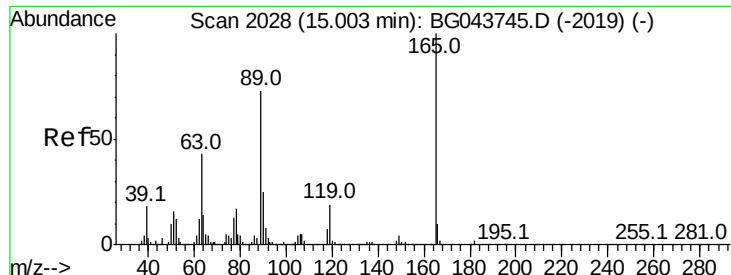


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

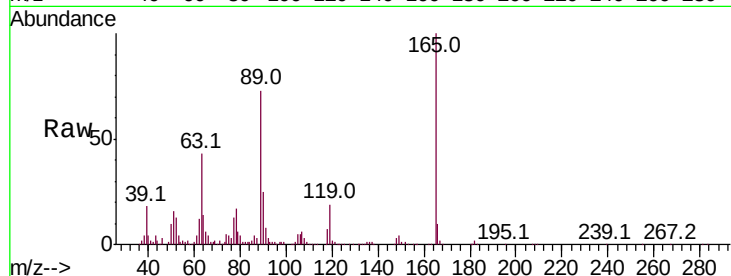




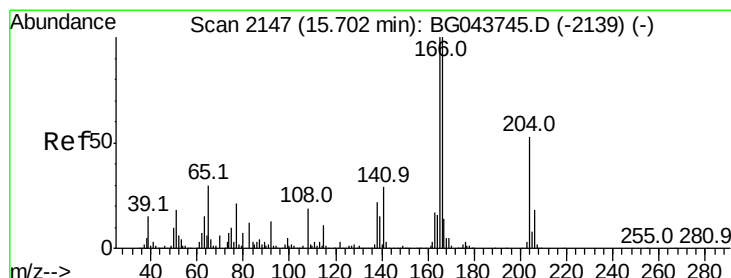
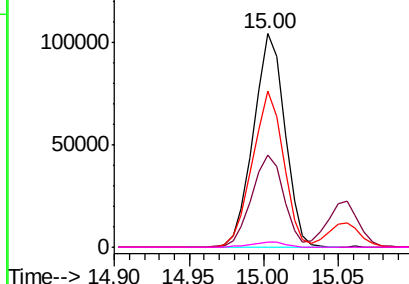
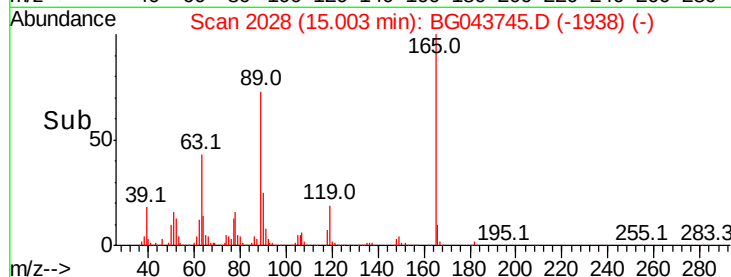
#57
 2,4-Dinitrotoluene
 Concen: 34.528 ng
 RT: 15.00 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BG043745.D
 Acq: 22 Nov 2019 17:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	152110
Ion Ratio	Lower	Upper
165 100		
63 43.2	34.6	51.8
89 72.9	58.3	87.5
182 2.4	1.9	2.9

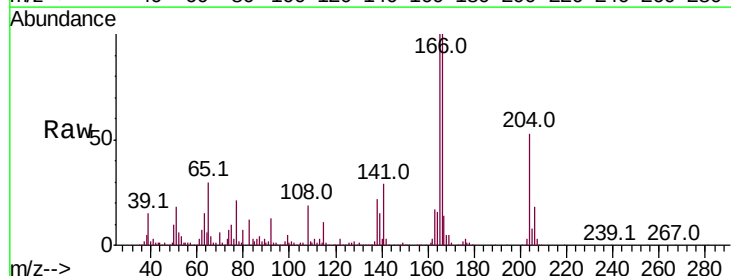


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

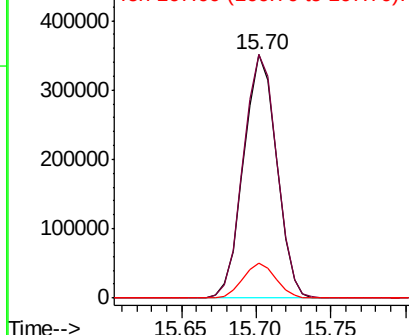
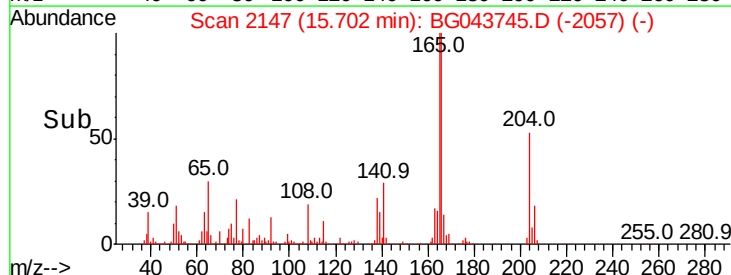


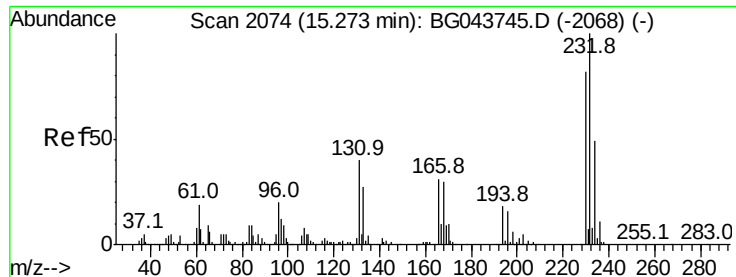
#58
 Fluorene
 Concen: 39.191 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG043745.D
 Acq: 22 Nov 2019 17:06

Tgt Ion:166	Resp: 536450
Ion Ratio	Lower Upper
166 100	
165 99.9	79.9 119.9
167 14.2	11.4 17.0



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

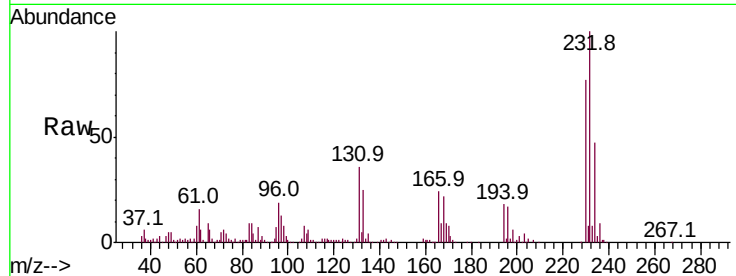




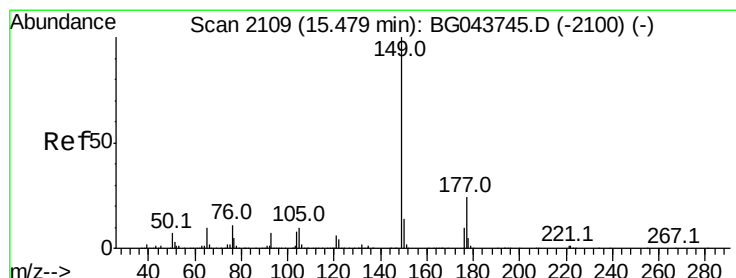
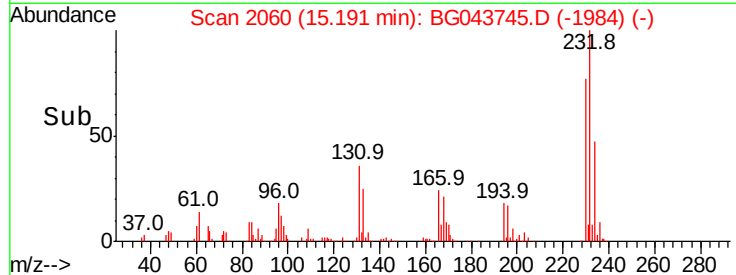
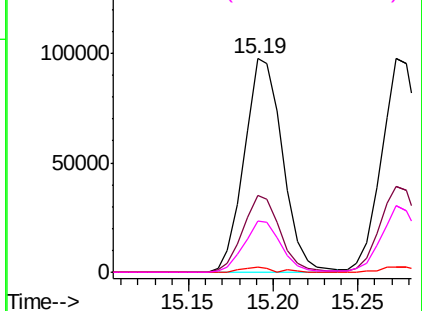
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.857 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. -0.08 min
 Lab File: BG043745.D
 Acq: 22 Nov 2019 17:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	153772
Ion	Ratio	Lower	Upper
232	100		
131	35.1	27.0	40.6
130	2.0	1.6	2.4
166	23.5	18.2	27.2

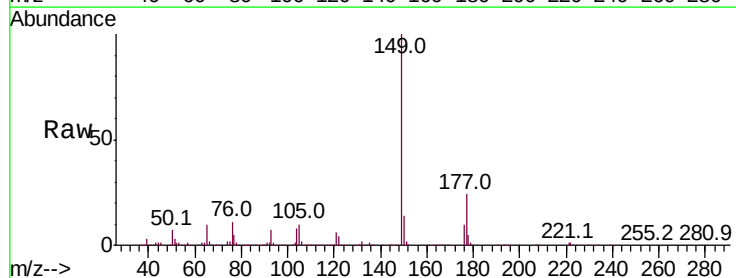


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

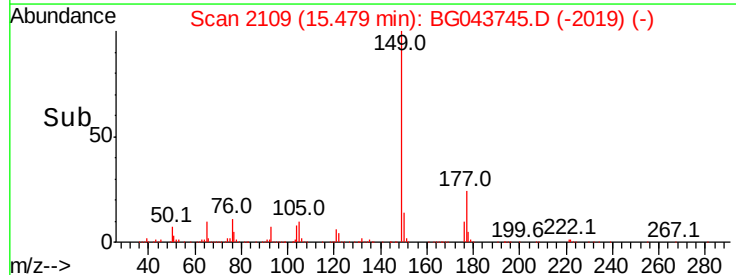
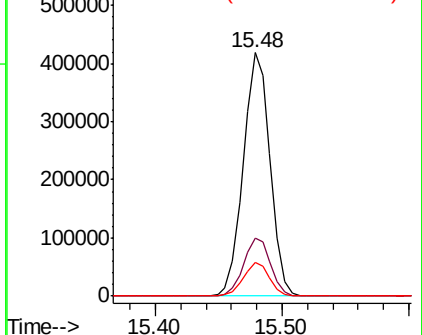


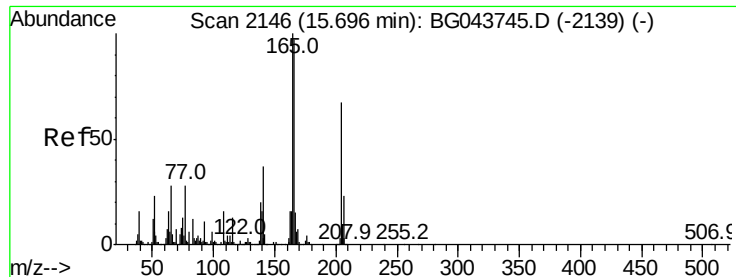
#60
 Diethylphthalate
 Concen: 42.837 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG043745.D
 Acq: 22 Nov 2019 17:06

Tgt Ion:	149	Resp:	610735
Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.3	28.9
150	13.9	11.1	16.7



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

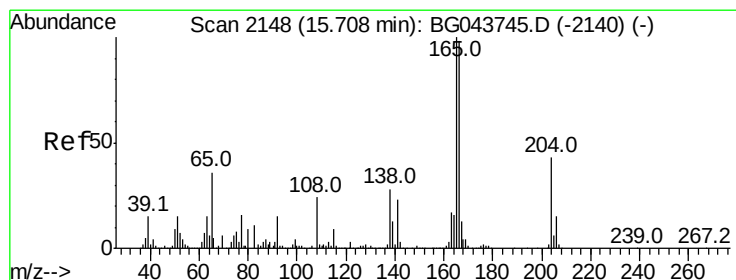
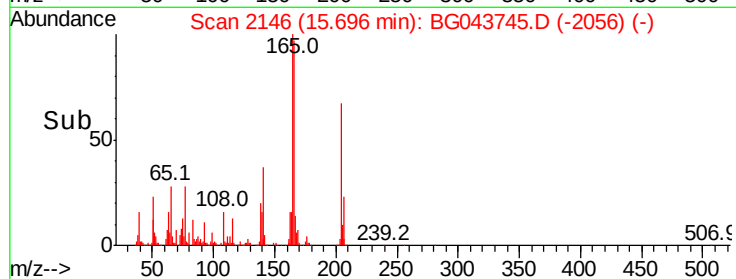
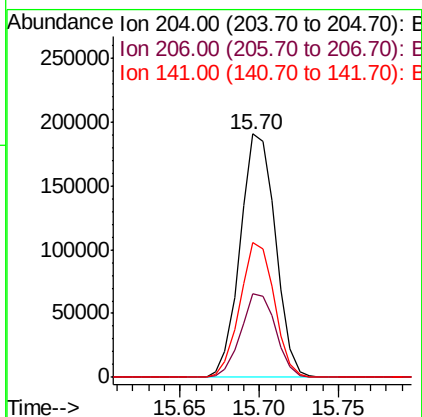
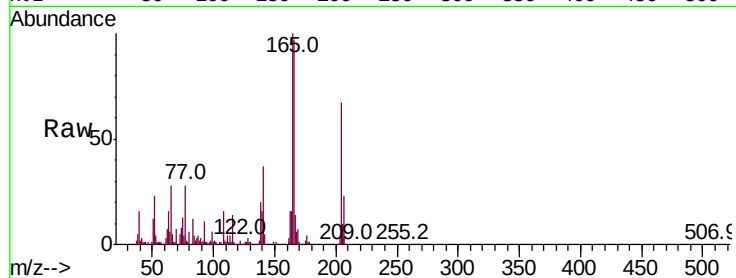




#61
4-Chlorophenyl-phenylether
Concen: 36.836 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

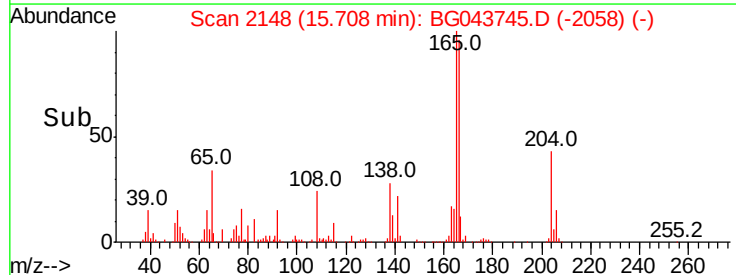
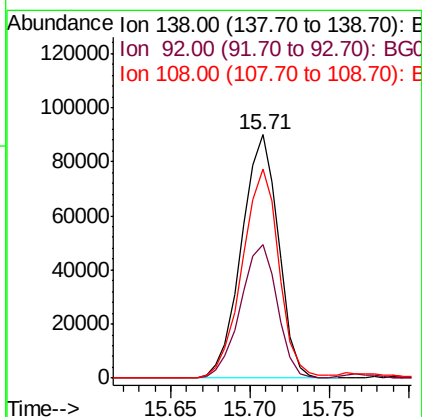
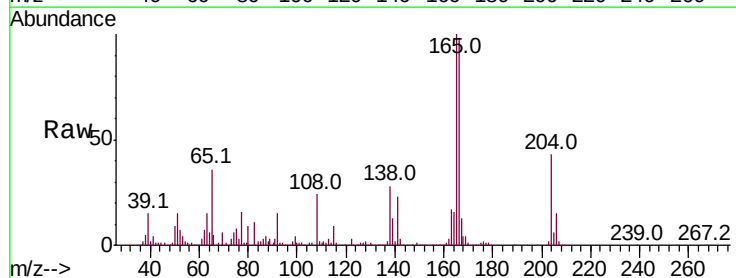
Instrument :
BNA_G
ClientSampled :

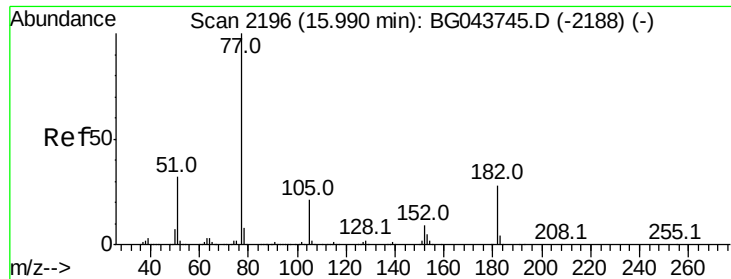
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.4	41.0
141	55.4	44.3	66.5



#62
4-Nitroaniline
Concen: 47.324 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.6	34.6	74.6
108	85.7	65.7	105.7





#63

Azobenzene

Concen: 47.647 ng

RT: 15.99 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 549775

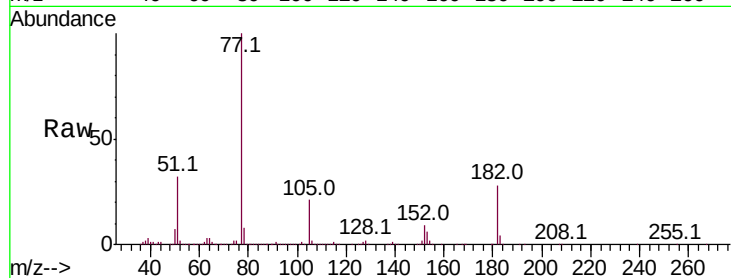
Ion Ratio Lower Upper

77 100

182 27.6 7.6 47.6

105 20.7 0.7 40.7

51 32.1 12.1 52.1

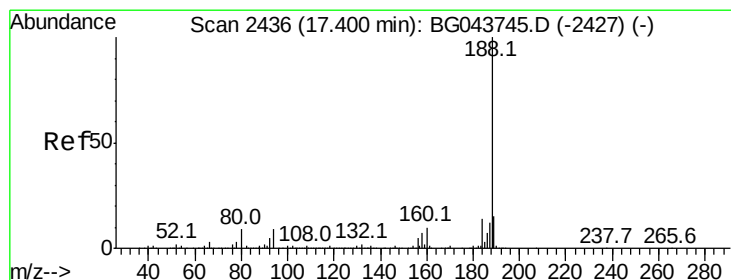
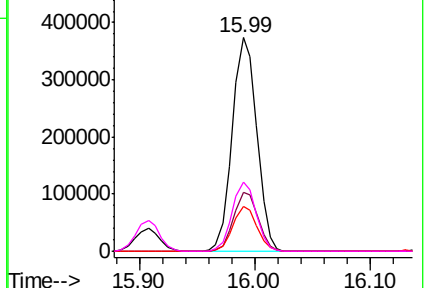
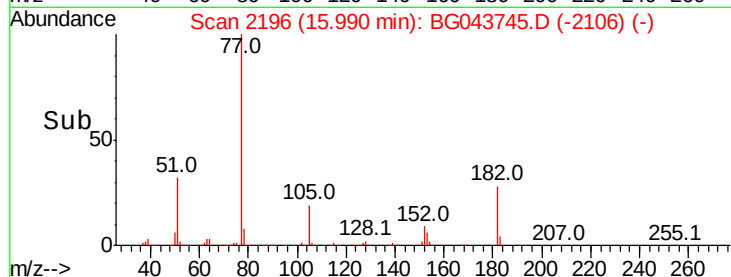


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG043745.D

Acq: 22 Nov 2019 17:06

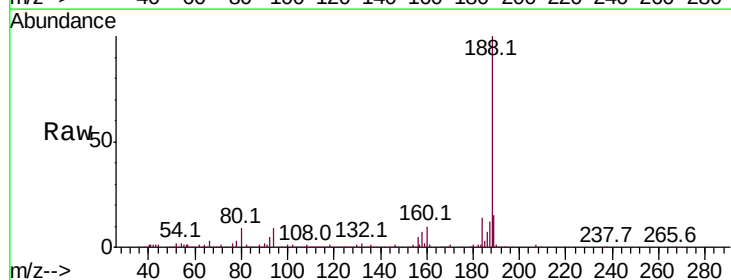
Tgt Ion: 188 Resp: 465689

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

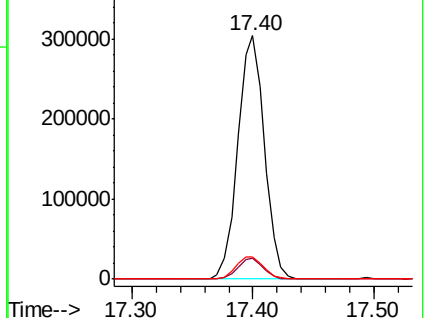
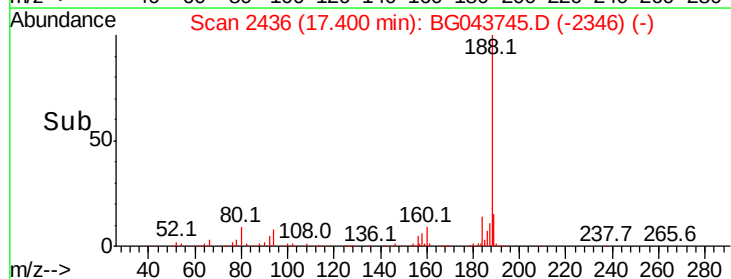
80 9.4 7.5 11.3

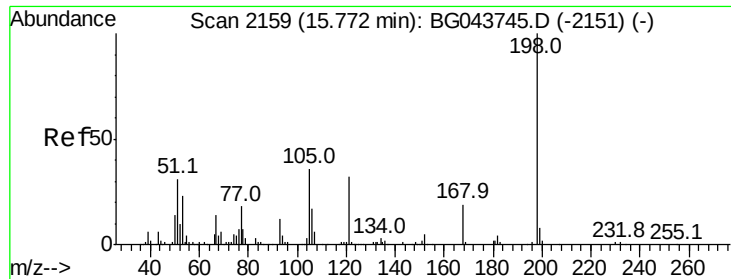


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

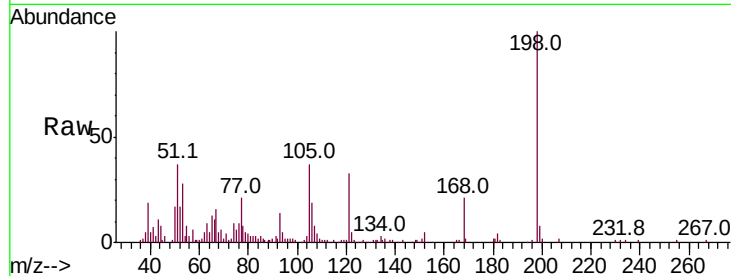




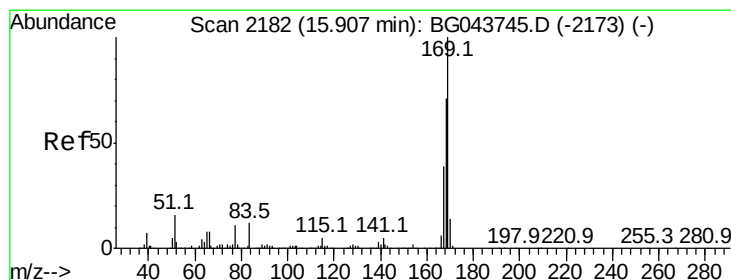
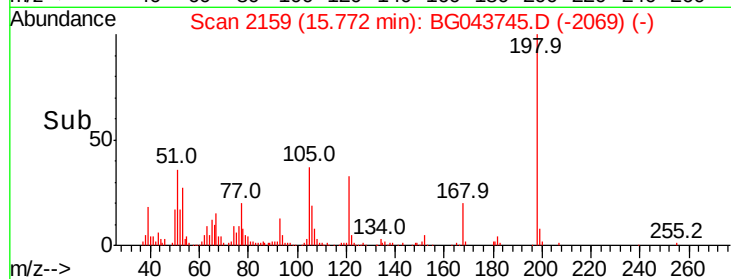
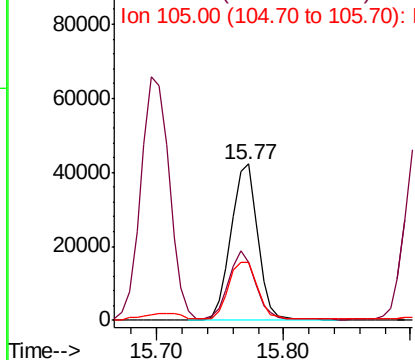
#65
 4,6-Dinitro-2-methylphenol
 Concen: 22.560 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. 0.00 min
 Lab File: BG043745.D
 Acq: 22 Nov 2019 17:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.8	16.8	56.8
105	37.3	17.3	57.3

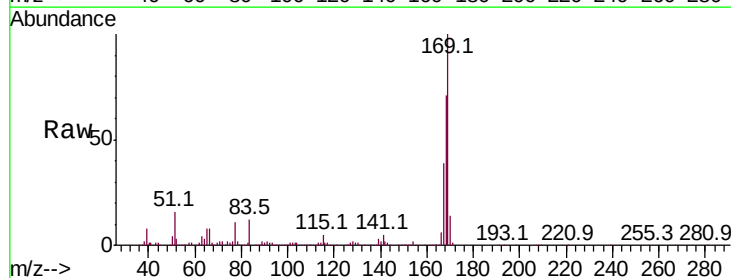


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

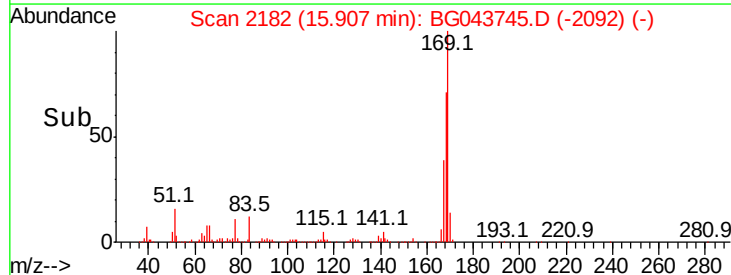
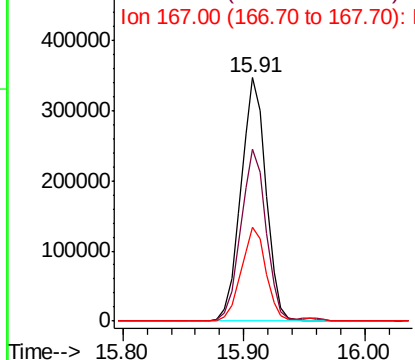


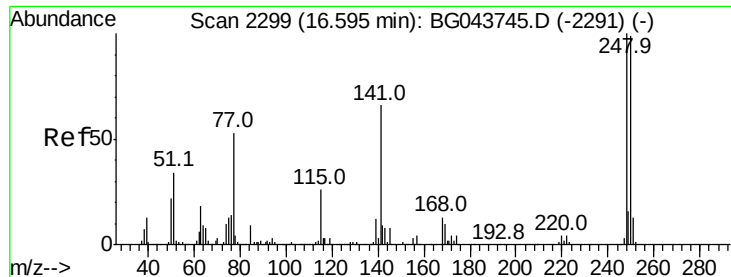
#66
 n-Nitrosodiphenylamine
 Concen: 38.235 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BG043745.D
 Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.8	56.6	85.0
167	38.5	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

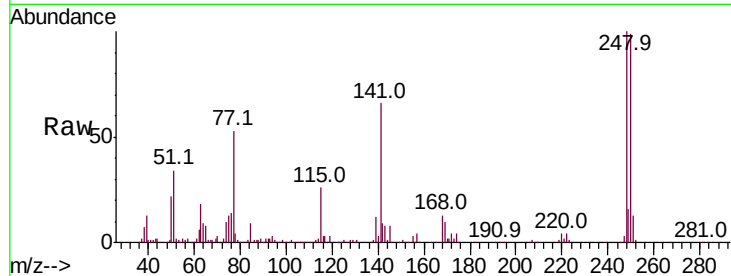




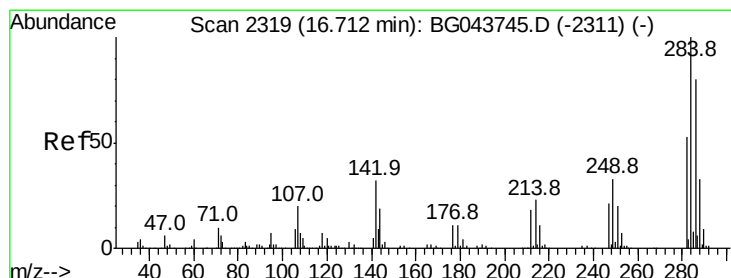
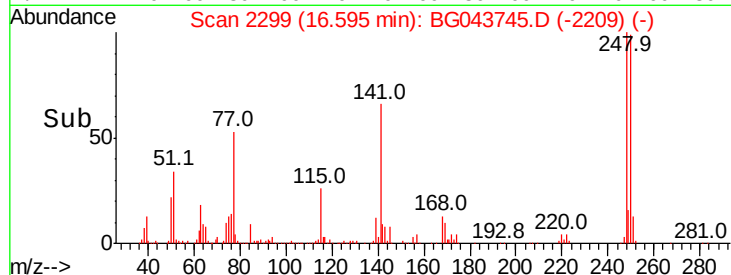
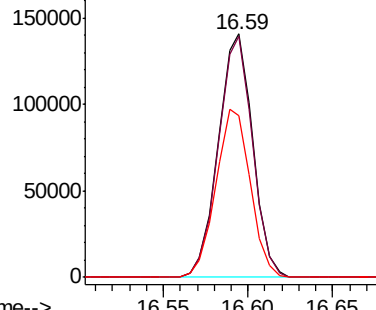
#67
4-Bromophenyl-phenylether
Concen: 31.876 ng
RT: 16.59 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	79.3	118.9
141	66.3	53.0	79.6

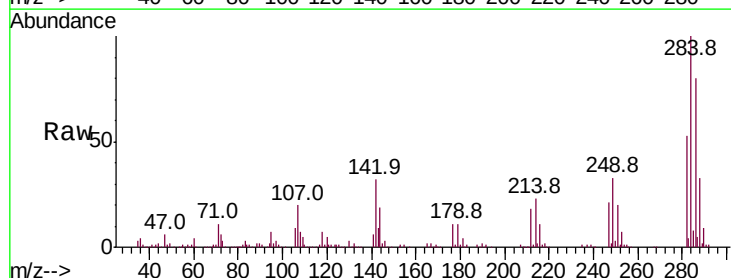


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

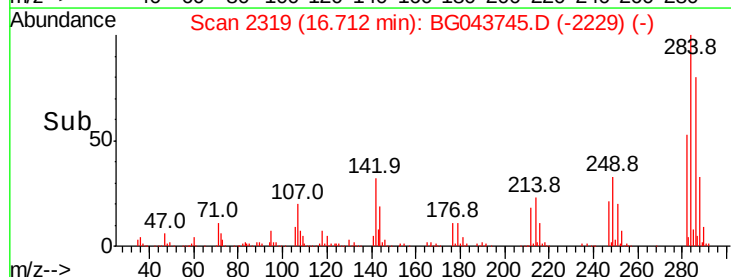
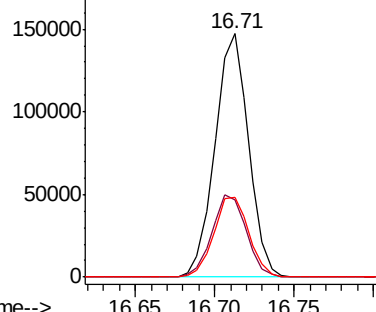


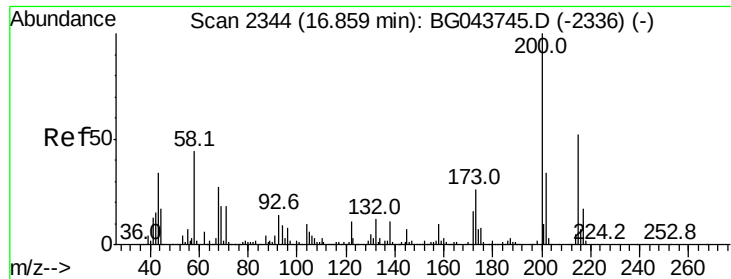
#68
Hexachlorobenzene
Concen: 30.084 ng
RT: 16.71 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.7	25.4	38.0
249	32.8	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: 44.990 ng

RT: 16.86 min Scan# 2344

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Instrument :

BNA_G

ClientSampleId :

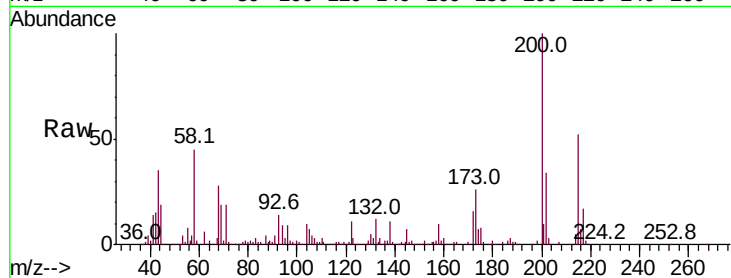
Tot Ion:200 Resp: 205535

Ion Ratio Lower Upper

200 100

173 26.0 6.0 46.0

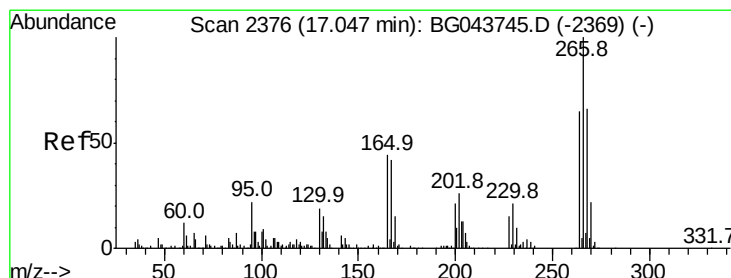
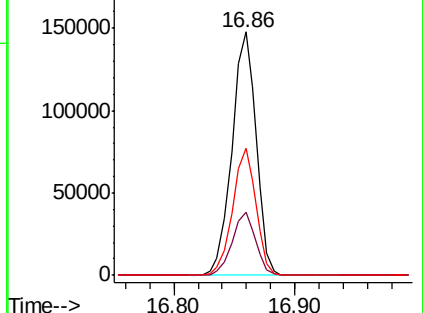
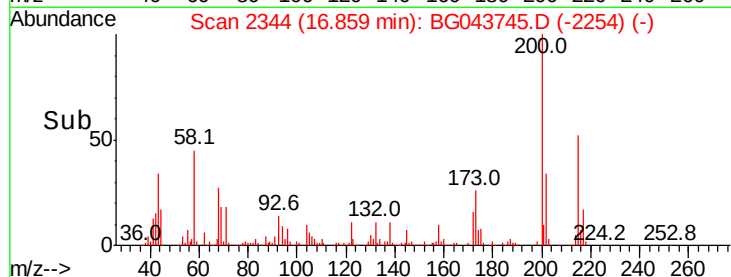
215 52.4 32.4 72.4



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: 40.323 ng

RT: 17.05 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

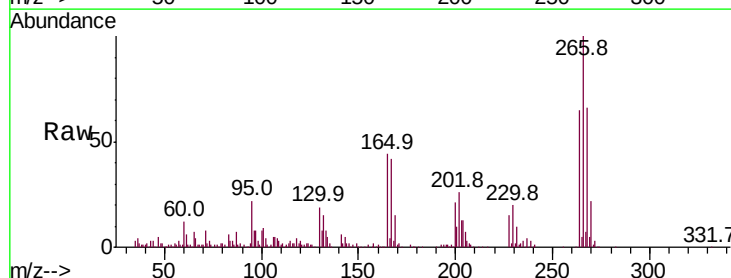
Tgt Ion:266 Resp: 132178

Ion Ratio Lower Upper

266 100

268 66.1 52.9 79.3

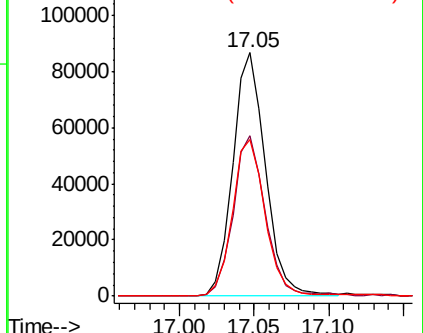
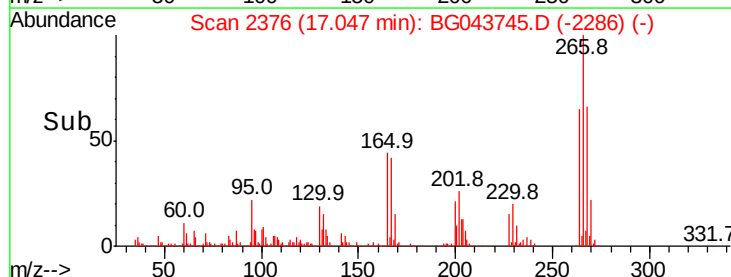
264 64.5 51.6 77.4

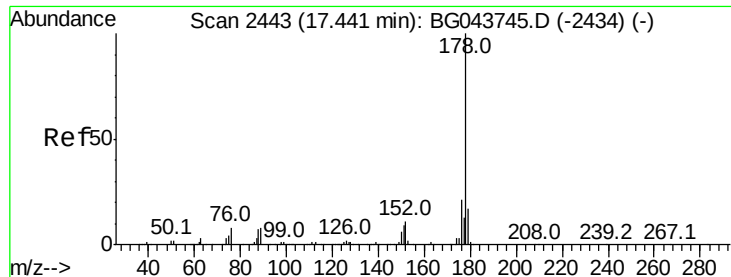


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

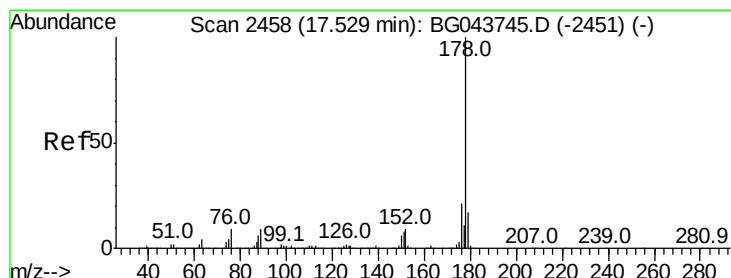
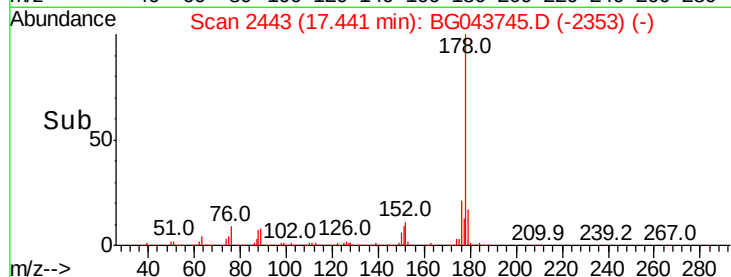
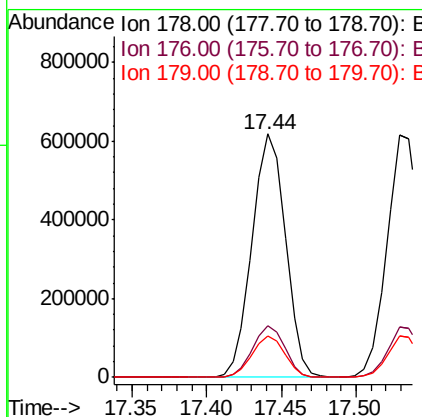
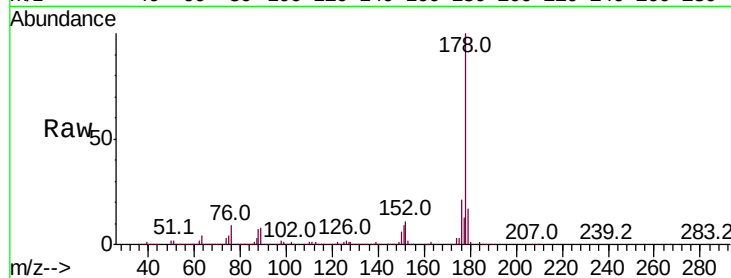




#71
 Phenanthrene
 Concen: 40.200 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG043745.D
 Acq: 22 Nov 2019 17:06

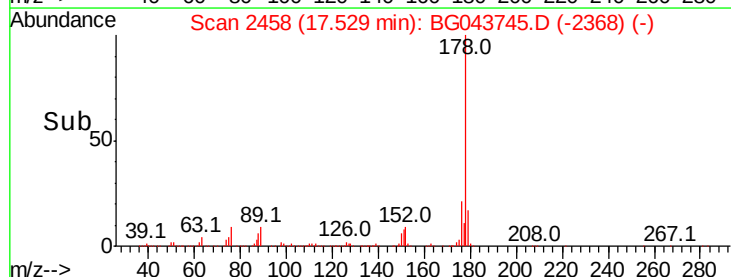
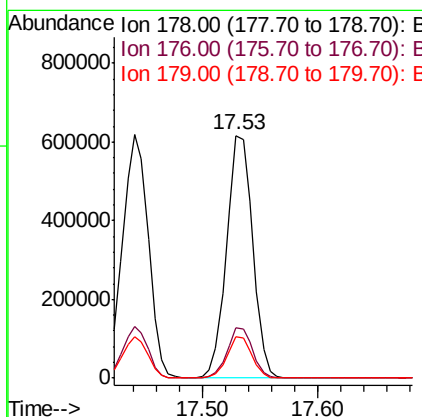
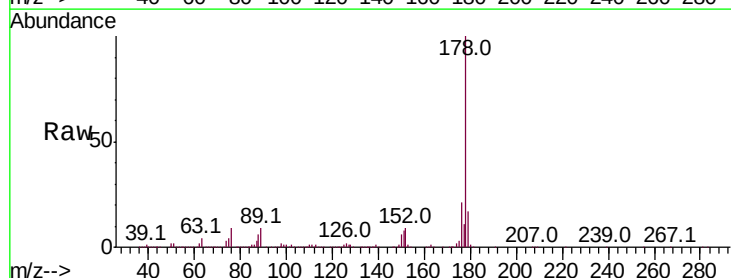
Instrument :
 BNA_G
 ClientSampleId :

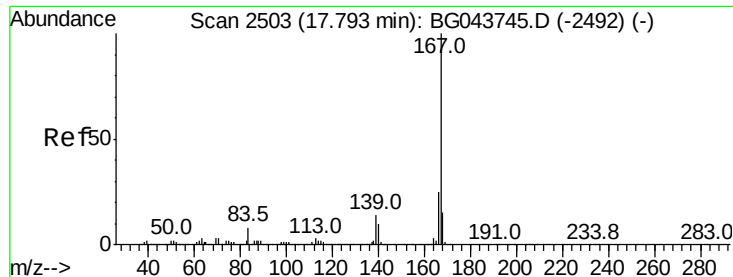
Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.9	25.3
179	16.9	13.5	20.3



#72
 Anthracene
 Concen: 40.305 ng
 RT: 17.53 min Scan# 2458
 Delta R.T. 0.00 min
 Lab File: BG043745.D
 Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.5	24.7
179	16.8	13.4	20.2

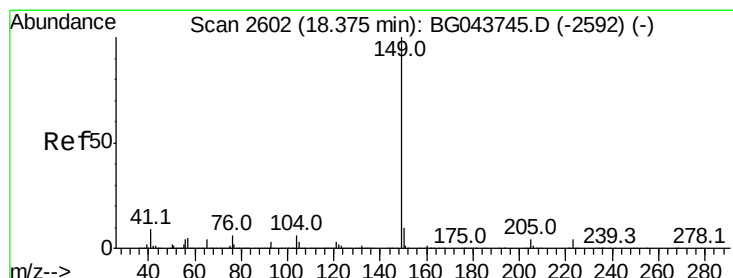
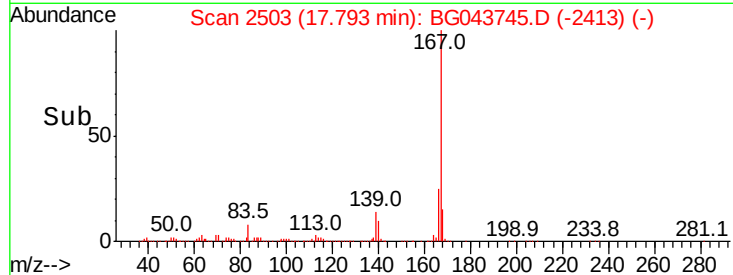
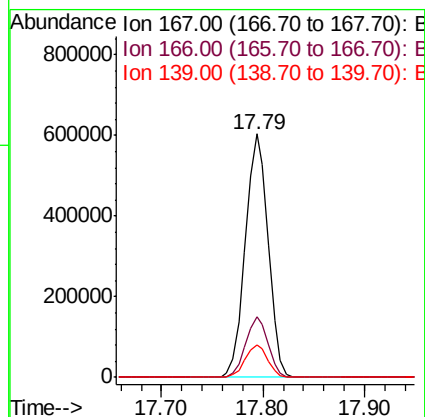
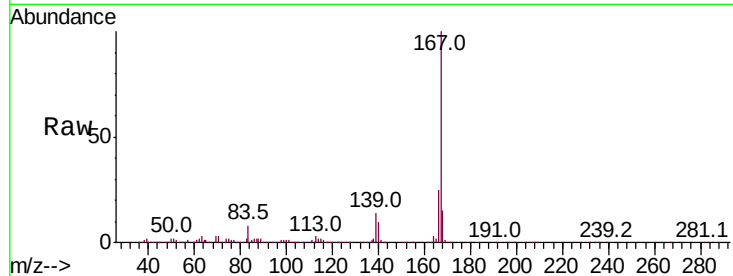




#73
 Carbazole
 Concen: 43.470 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. 0.00 min
 Lab File: BG043745.D
 Acq: 22 Nov 2019 17:06

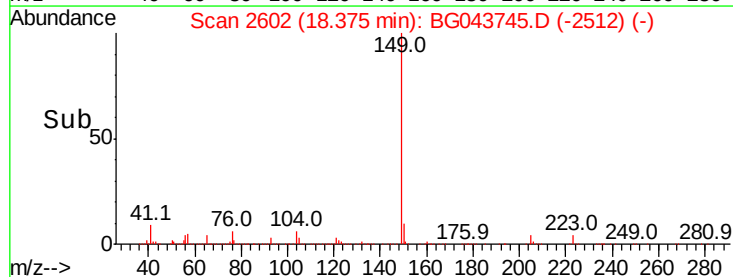
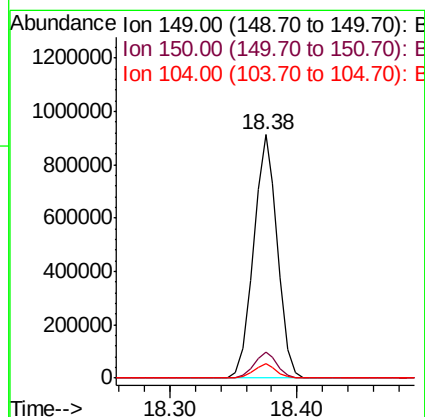
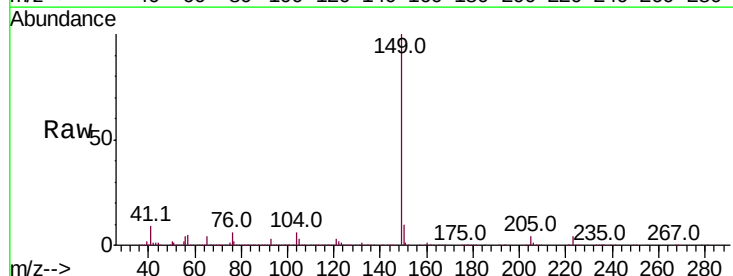
Instrument :
 BNA_G
 ClientSampleId :

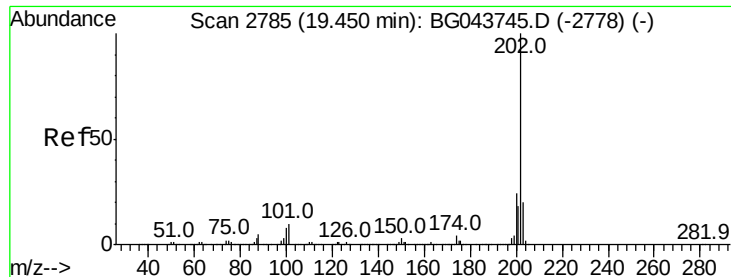
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.7	19.8	29.6
139	13.6	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 45.222 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: BG043745.D
 Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.4	12.6
104	5.8	4.6	7.0





#75

Fluoranthene

Concen: 42.364 ng

RT: 19.45 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

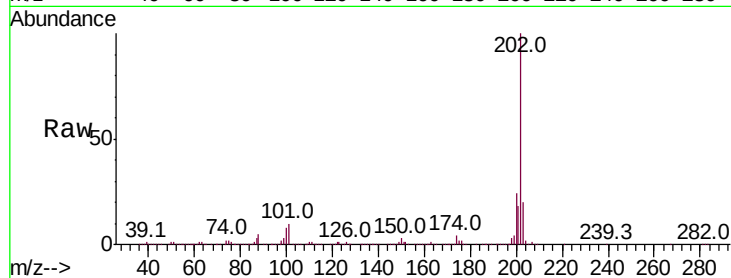
Instrument :

BNA_G

ClientSampled :

Tot Ion:202 Resp: 1317061

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.1
203	19.7	0.0	39.7

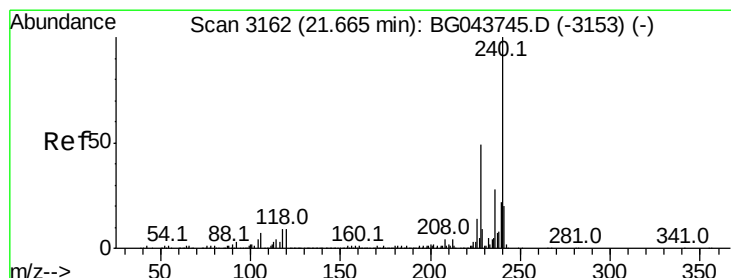
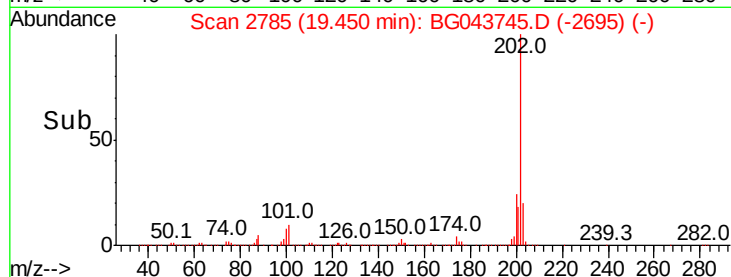
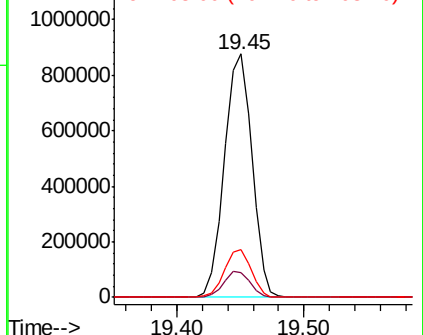


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

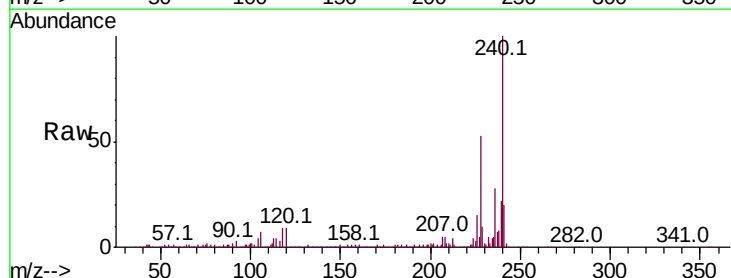
Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Tgt Ion:240 Resp: 548298

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.5	11.3
236	28.3	22.6	34.0

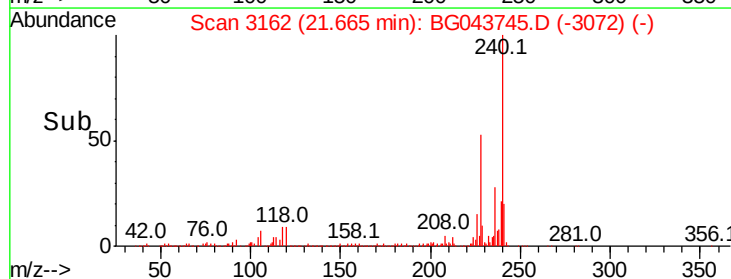
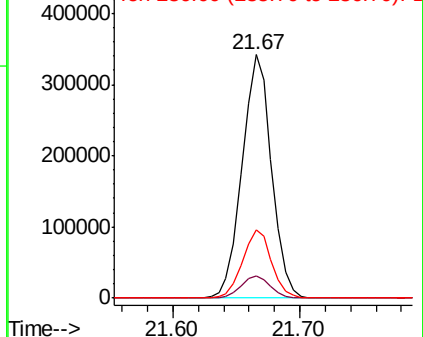


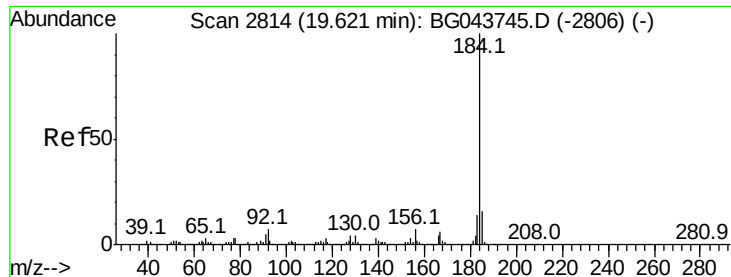
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 64.856 ng

RT: 19.62 min Scan# 2814

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

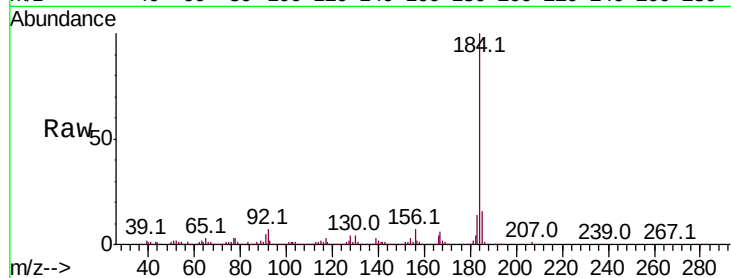
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 715668

Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.8	19.2
183	14.1	11.3	16.9

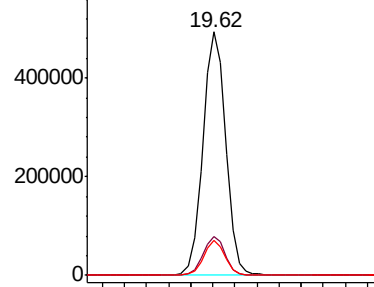


Abundance

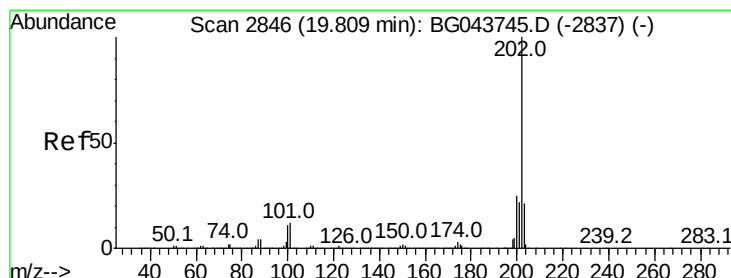
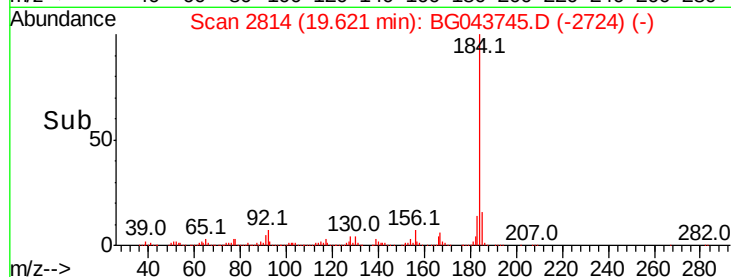
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 39.657 ng

RT: 19.81 min Scan# 2846

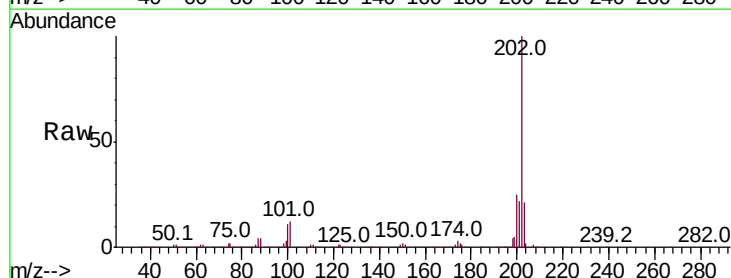
Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Tgt Ion:202 Resp: 1345929

Ion	Ratio	Lower	Upper
202	100		
200	24.7	19.8	29.6
203	20.7	16.6	24.8

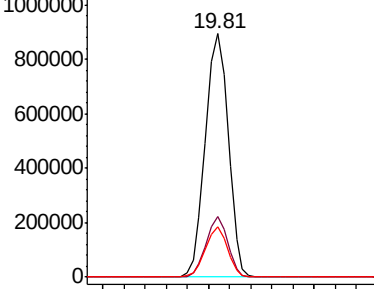


Abundance

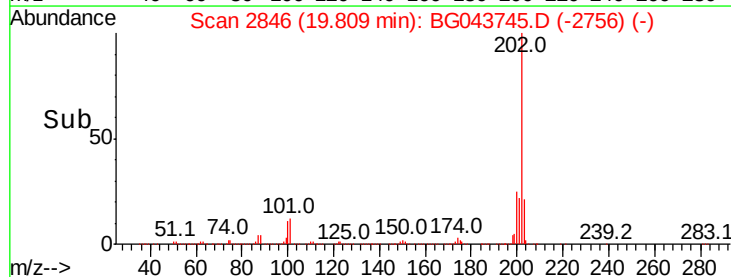
Ion 202.00 (201.70 to 202.70): E

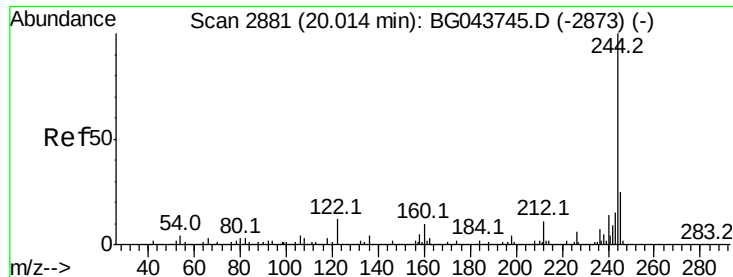
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 65.255 ng

RT: 20.01 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Instrument :

BNA_G

ClientSampled :

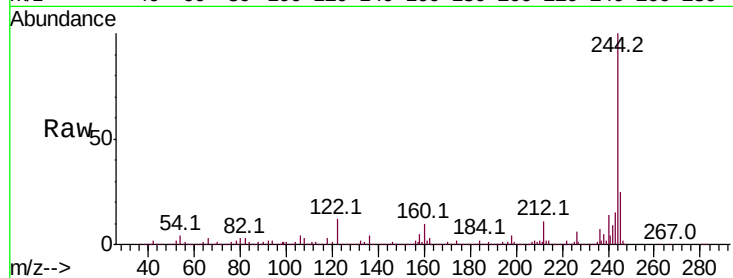
Tot Ion:244 Resp: 1907146

Ion Ratio Lower Upper

244 100

212 10.6 8.5 12.7

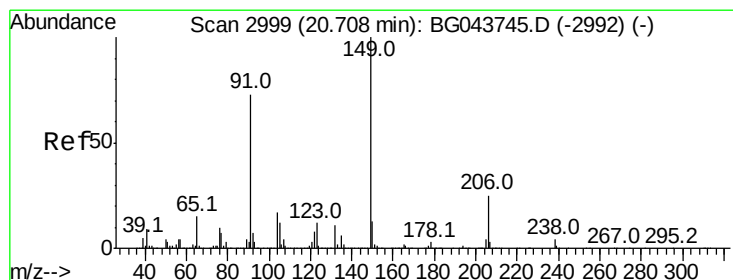
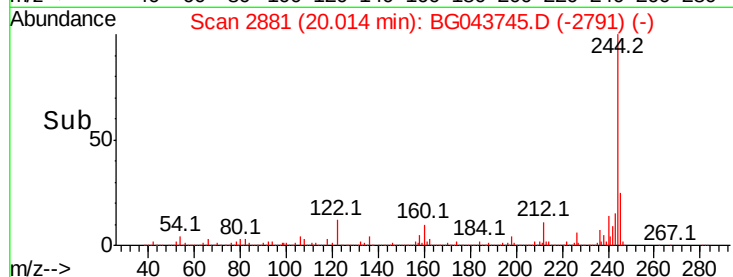
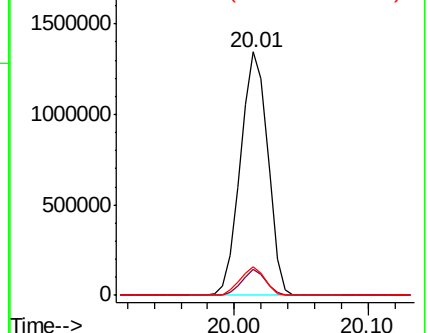
122 11.9 9.5 14.3



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: 51.820 ng

RT: 20.71 min Scan# 2999

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

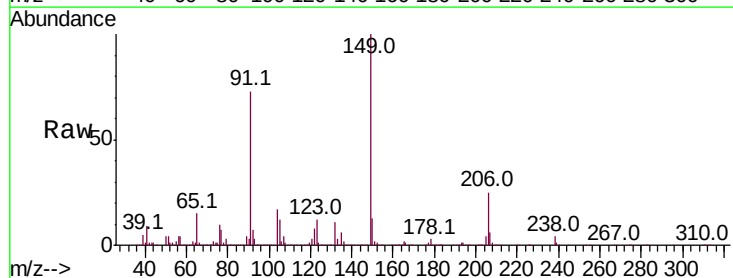
Tgt Ion:149 Resp: 666305

Ion Ratio Lower Upper

149 100

91 73.5 58.8 88.2

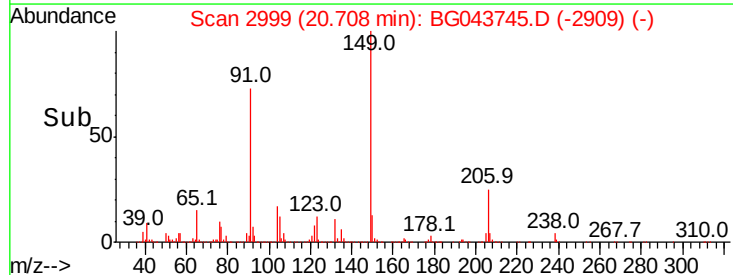
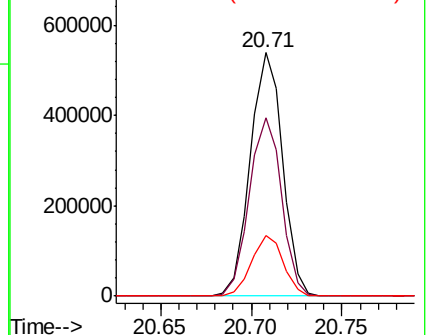
206 24.7 19.8 29.6

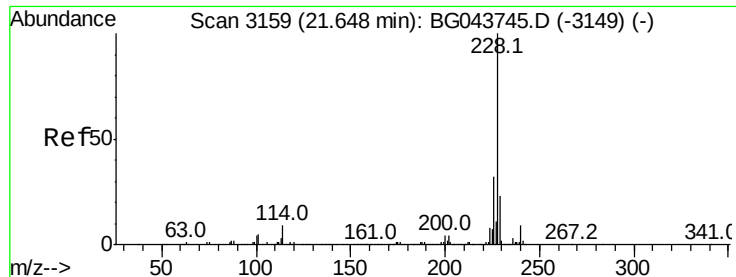


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

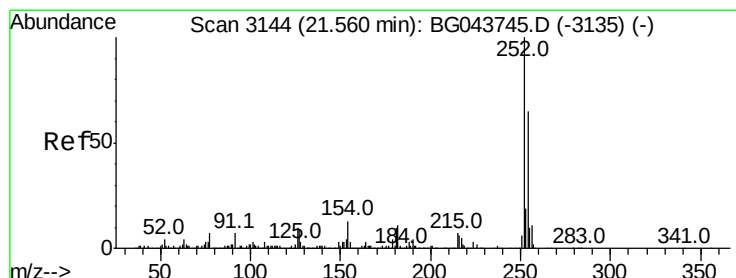
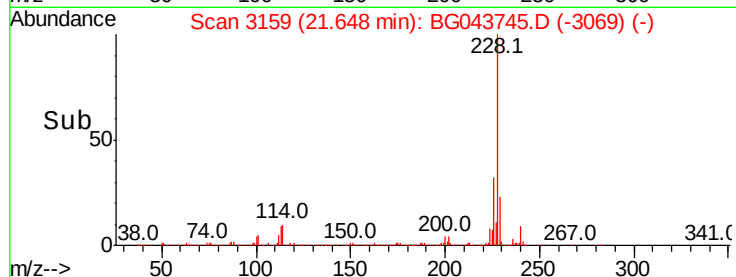
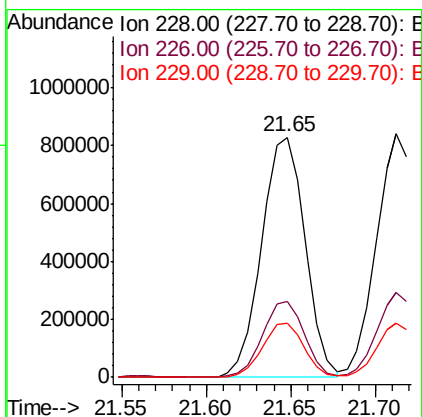
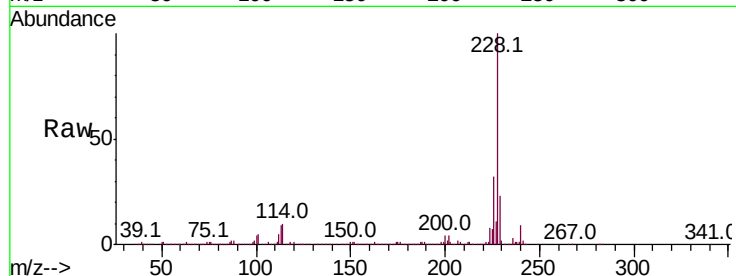




#81
Benzo(a)anthracene
Concen: 42.798 ng
RT: 21.65 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

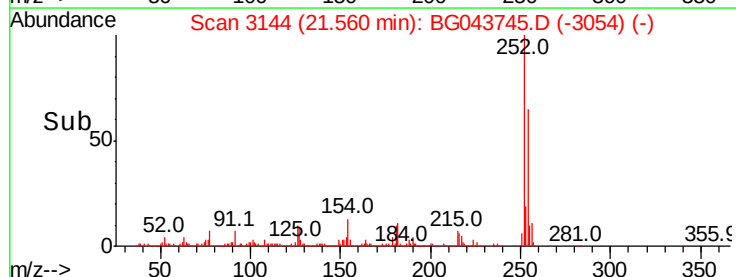
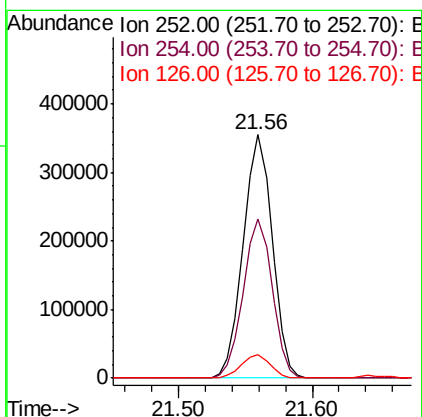
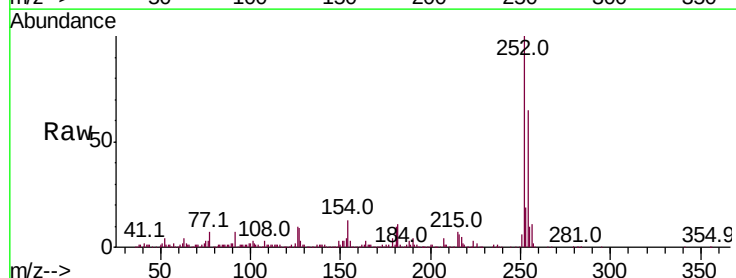
Instrument :
BNA_G
ClientSampled :

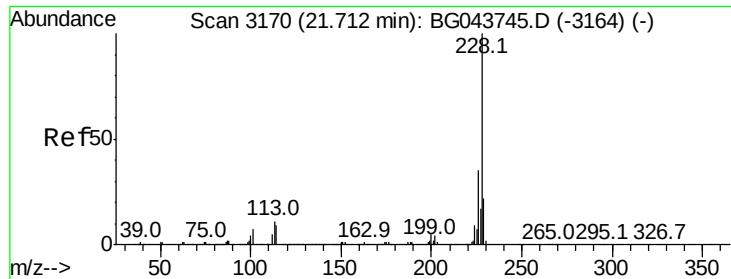
Tot Ion:228 Resp: 1469913
Ion Ratio Lower Upper
228 100
226 31.8 25.4 38.2
229 22.6 18.1 27.1



#82
3,3'-Dichlorobenzidine
Concen: 40.162 ng
RT: 21.56 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG043745.D
Acq: 22 Nov 2019 17:06

Tgt Ion:252 Resp: 533511
Ion Ratio Lower Upper
252 100
254 65.1 52.1 78.1
126 9.7 7.8 11.6



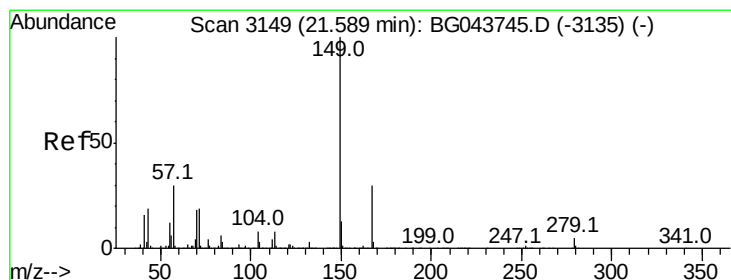
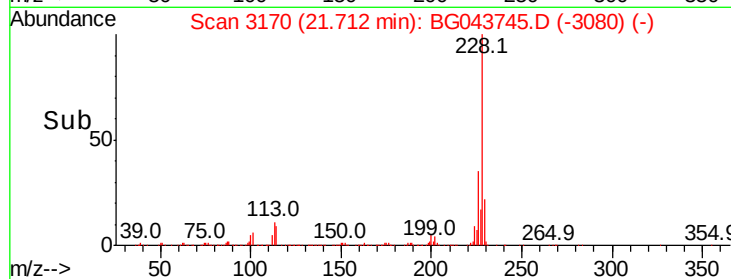
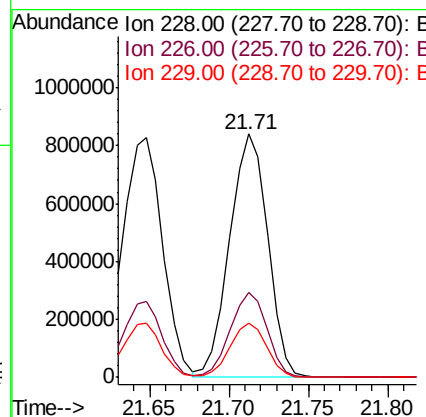
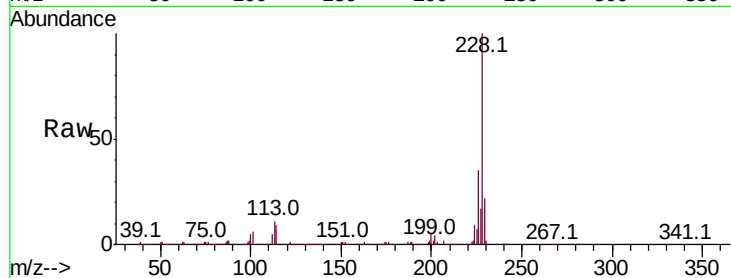


#83
 Chrysene
 Concen: 40.823 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. 0.00 min
 Lab File: BG043745.D
 Acq: 22 Nov 2019 17:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1393063

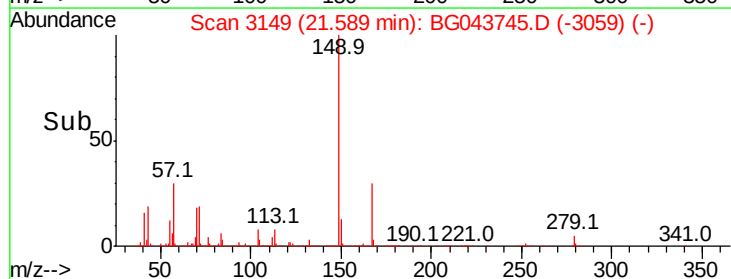
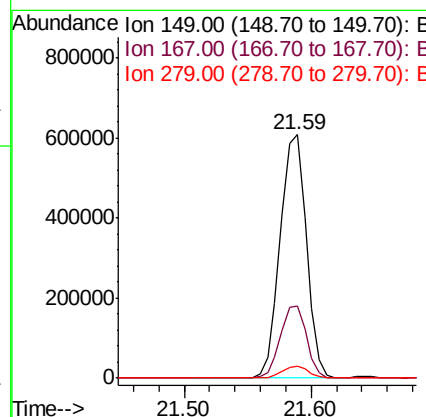
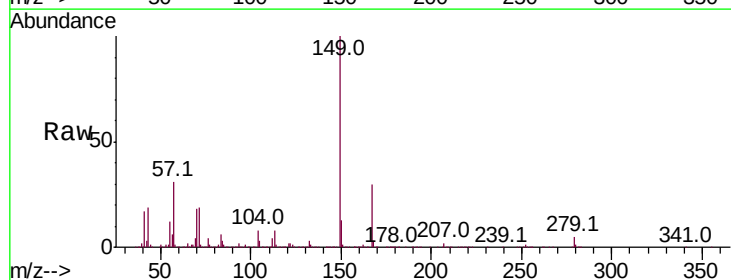
Ion	Ratio	Lower	Upper
228	100		
226	34.8	27.8	41.8
229	22.4	17.9	26.9

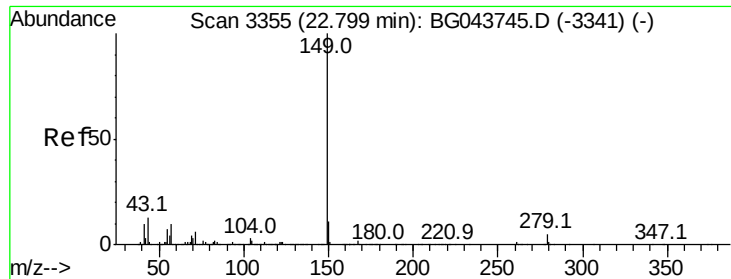


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.992 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: BG043745.D
 Acq: 22 Nov 2019 17:06

Tgt Ion:149 Resp: 876586

Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.8	35.6
279	5.0	4.0	6.0





#85

Di-n-octyl phthalate

Concen: 39.415 ng

RT: 22.80 min Scan# 3355

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

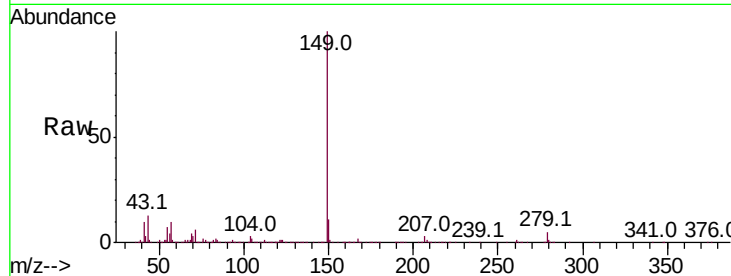
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 1221387

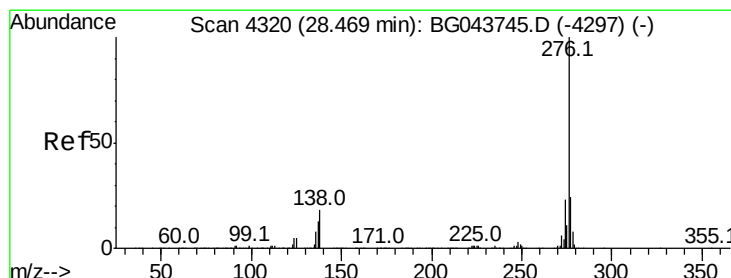
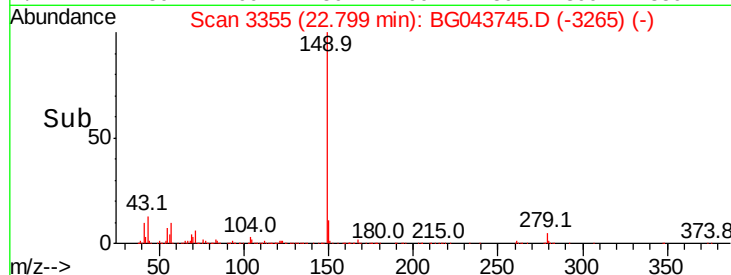
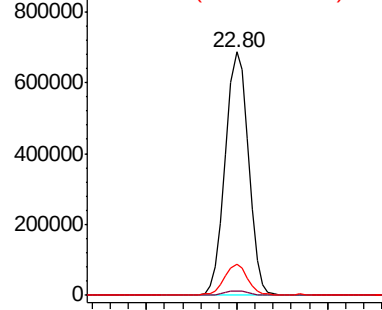
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	12.2	9.8	14.6



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: 30.086 ng

RT: 28.47 min Scan# 4320

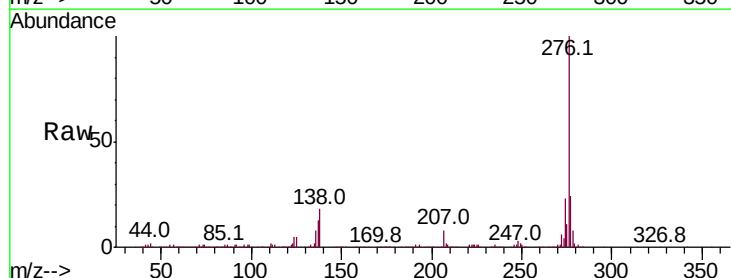
Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Tgt Ion:276 Resp: 1288737

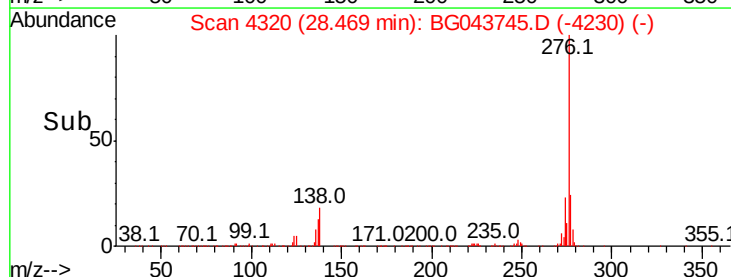
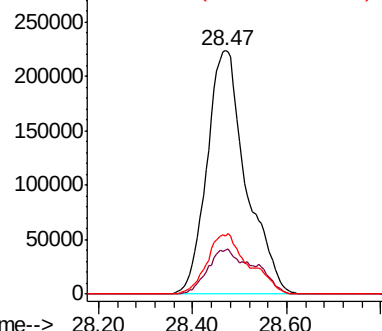
Ion	Ratio	Lower	Upper
276	100		
138	18.1	14.5	21.7
277	26.4	21.1	31.7

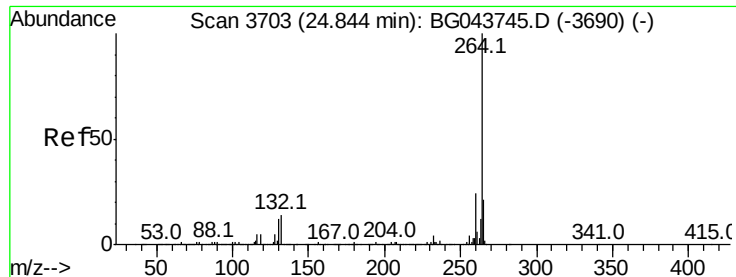


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.84 min Scan# 3703

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

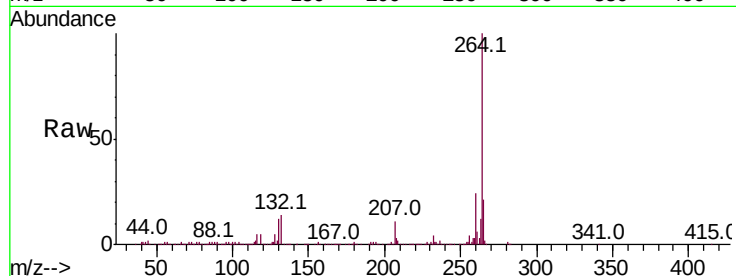
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 465428

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.3	17.0	25.6

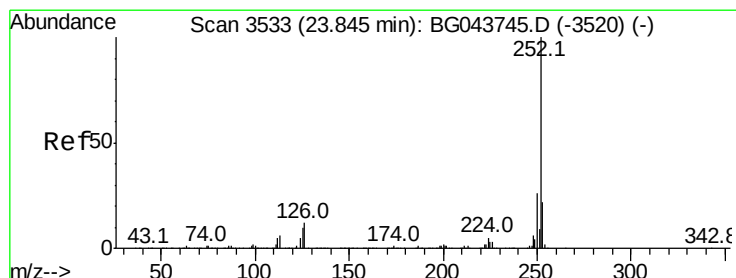
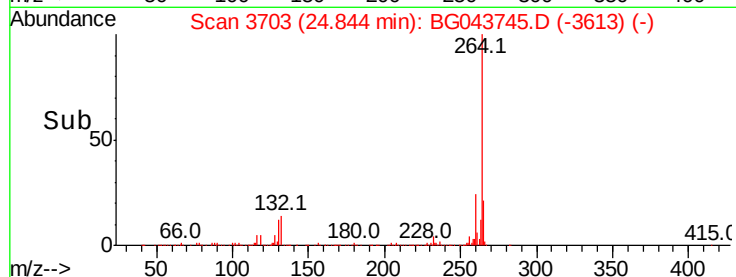
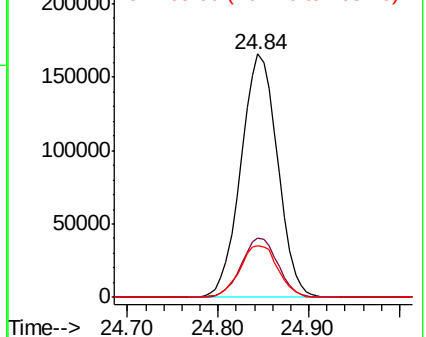


Abundance

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: 43.062 ng

RT: 23.85 min Scan# 3533

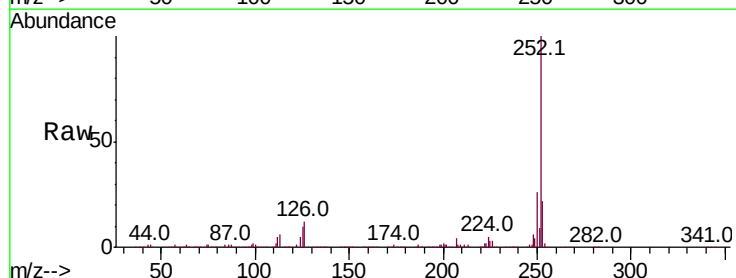
Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Tgt Ion:252 Resp: 1135119

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.0	8.0	12.0

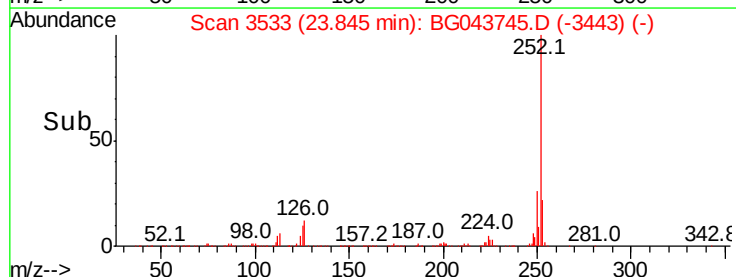
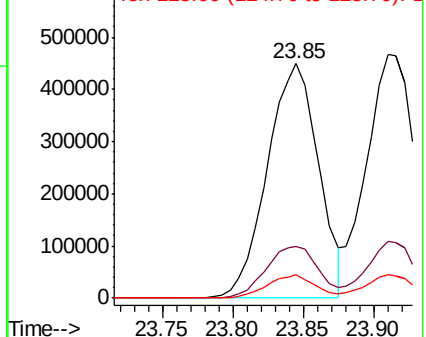


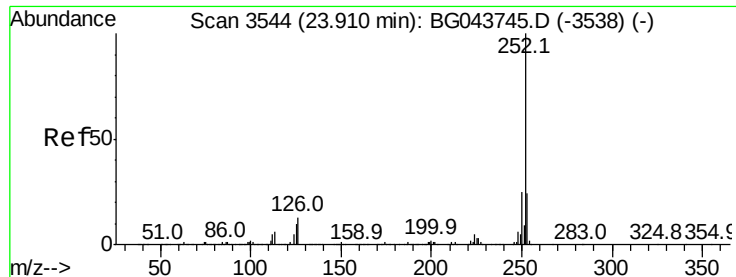
Abundance

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: 42.124 ng

RT: 23.91 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Instrument :

BNA_G

ClientSampleId :

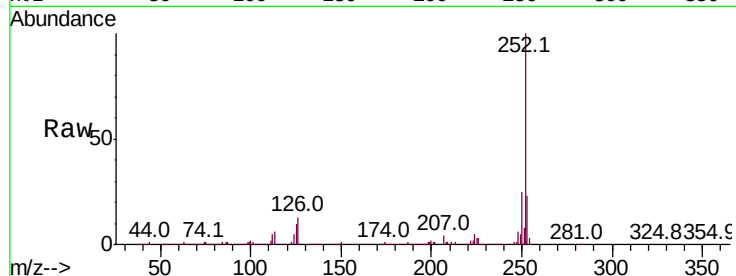
Tot Ion:252 Resp: 1117847

Ion Ratio Lower Upper

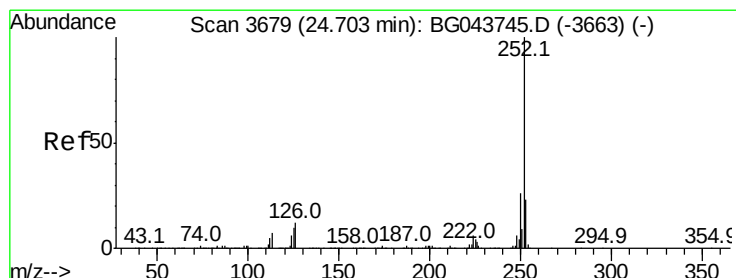
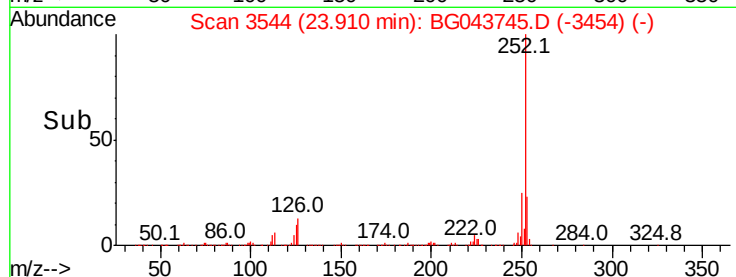
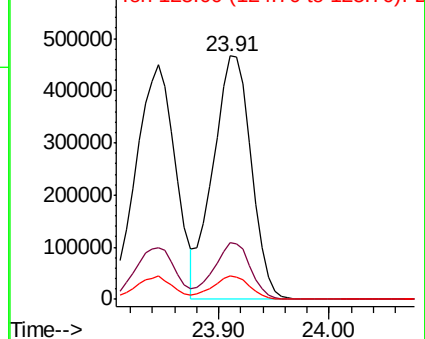
252 100

253 23.5 18.8 28.2

125 9.6 7.7 11.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.891 ng

RT: 24.70 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

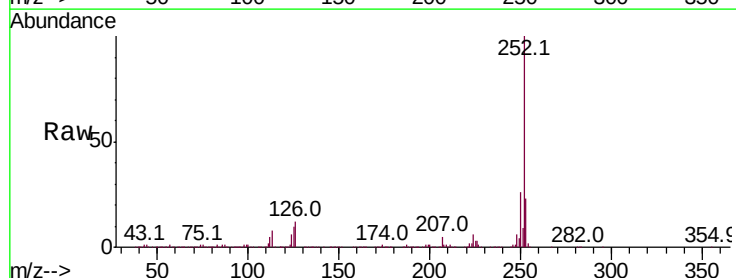
Tgt Ion:252 Resp: 1054498

Ion Ratio Lower Upper

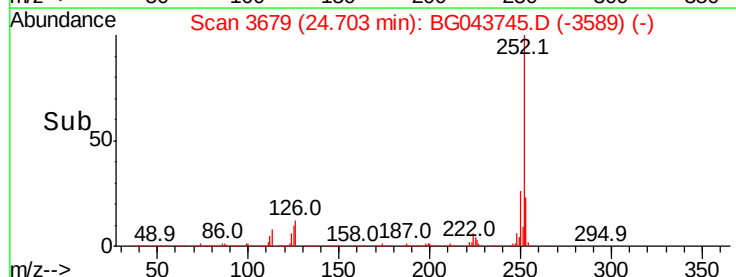
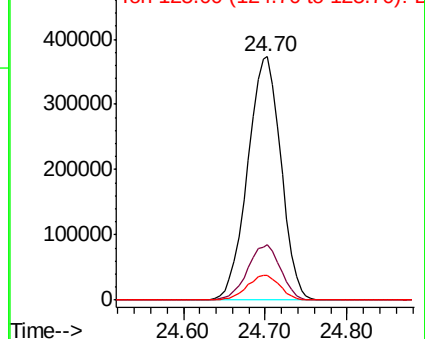
252 100

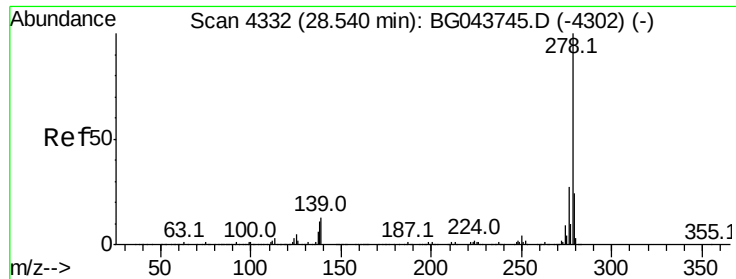
253 22.8 18.2 27.4

125 10.4 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.615 ng

RT: 28.54 min Scan# 4332

Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

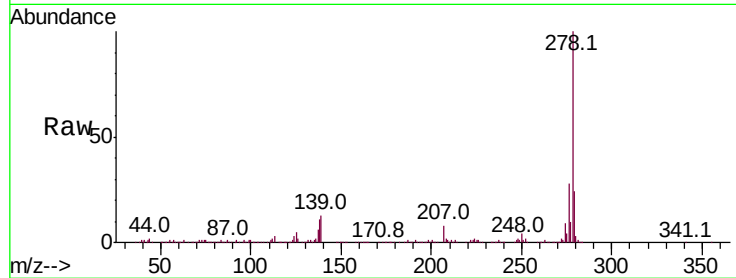
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1045725

Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.4	15.6
279	24.1	19.3	28.9

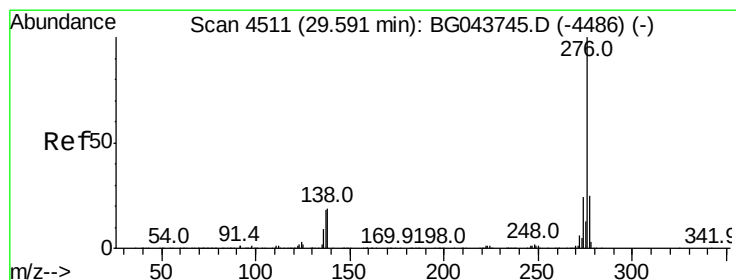
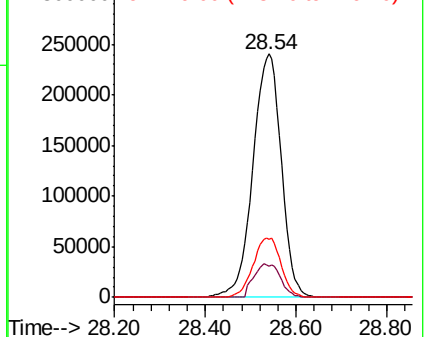
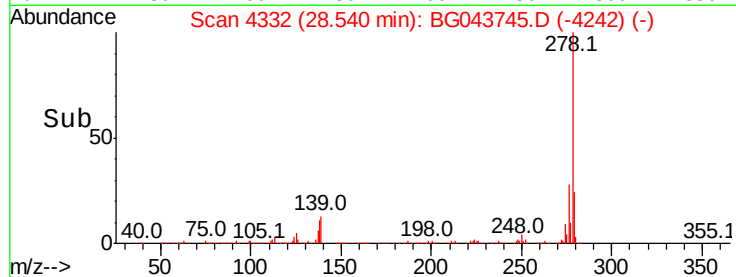


Abundance

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: 40.641 ng

RT: 29.59 min Scan# 4511

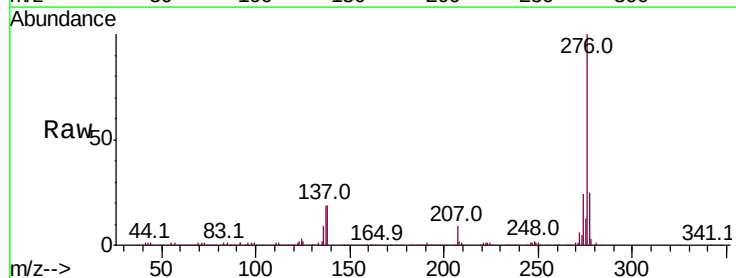
Delta R.T. 0.00 min

Lab File: BG043745.D

Acq: 22 Nov 2019 17:06

Tgt Ion:276 Resp: 1032164

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.7	29.5
138	18.6	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

