

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030920\
 Data File : BG044706.D
 Acq On : 9 Mar 2020 17:54
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 09 18:51:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 05 17:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	92809	20.00	ng	0.01
21) Naphthalene-d8	10.87	136	374599	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	259379	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	568445	20.00	ng	0.00
76) Chrysene-d12	21.72	240	488327	20.00	ng	0.00
87) Perylene-d12	24.94	264	582008	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	465684	75.36	ng	0.00
7) Phenol-d6	7.22	99	673194	72.07	ng	0.01
23) Nitrobenzene-d5	9.22	82	656125	79.75	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	252309	70.81	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1406411	75.53	ng	0.00
79) Terphenyl-d14	20.06	244	2070033	75.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	114697	38.721	ng	96
3) Pyridine	3.92	79	332145	36.165	ng	98
4) n-Nitrosodimethylamine	3.83	42	135625	34.911	ng	# 79
6) Aniline	7.38	93	422989	36.148	ng	98
8) 2-Chlorophenol	7.63	128	238141	38.022	ng	95
9) Benzaldehyde	7.20	77	197850	32.957	ng	93
10) Phenol	7.24	94	345583	37.557	ng	94
11) bis(2-Chloroethyl)ether	7.48	93	274967	38.891	ng	97
12) 1,3-Dichlorobenzene	7.96	146	291627	39.151	ng	97
13) 1,4-Dichlorobenzene	8.10	146	290980	39.101	ng	98
14) 1,2-Dichlorobenzene	8.42	146	270454	38.447	ng	98
15) Benzyl Alcohol	8.29	79	283230	35.147	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	487887	36.525	ng	100
17) 2-Methylphenol	8.50	107	234260	37.156	ng	92
18) Hexachloroethane	9.16	117	112771	37.782	ng	96
19) n-Nitroso-di-n-propylamine	8.88	70	242682	34.777	ng	99
20) 3+4-Methylphenols	8.83	107	319180	36.340	ng	99
22) Acetophenone	8.89	105	434053	39.692	ng	# 95
24) Nitrobenzene	9.26	77	347589	39.847	ng	98
25) Isophorone	9.79	82	649450	35.795	ng	97
26) 2-Nitrophenol	9.98	139	104254	36.105	ng	94
27) 2,4-Dimethylphenol	10.04	122	206130	36.212	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	392934	38.468	ng	98
29) 2,4-Dichlorophenol	10.51	162	246364	38.038	ng	94
30) 1,2,4-Trichlorobenzene	10.74	180	287939	38.273	ng	100
31) Naphthalene	10.93	128	813258	38.686	ng	97
32) Benzoic acid	10.17	122	139004	34.155	ng	95
33) 4-Chloroaniline	11.03	127	361338	37.318	ng	96
34) Hexachlorobutadiene	11.23	225	197052	38.336	ng	96
35) Caprolactam	11.79	113	93589	34.616	ng	93
36) 4-Chloro-3-methylphenol	12.14	107	293207	35.747	ng	95
37) 2-Methylnaphthalene	12.53	142	606385	38.223	ng	99
38) 1-Methylnaphthalene	12.75	142	566287	37.760	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	338453	40.195	ng	98

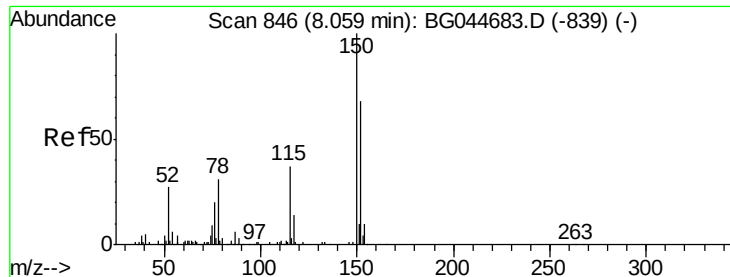
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030920\
 Data File : BG044706.D
 Acq On : 9 Mar 2020 17:54
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 09 18:51:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 05 17:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	174413	35.422	ng	96
43) 2,4,6-Trichlorophenol	13.13	196	215100	36.849	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	223120	37.270	ng	95
46) 1,1'-Biphenyl	13.53	154	778070	37.716	ng	100
47) 2-Chloronaphthalene	13.58	162	607605	38.612	ng	99
48) 2-Nitroaniline	13.76	65	211802	38.403	ng	97
49) Acenaphthylene	14.42	152	953782	37.831	ng	99
50) Dimethylphthalate	14.15	163	802049	37.195	ng	99
51) 2,6-Dinitrotoluene	14.26	165	156505	40.391	ng	94
52) Acenaphthene	14.76	154	620799	38.082	ng	99
53) 3-Nitroaniline	14.59	138	183955	41.196	ng	99
54) 2,4-Dinitrophenol	14.79	184	64355	35.287	ng	# 79
55) Dibenzofuran	15.10	168	919155	37.629	ng	99
56) 4-Nitrophenol	14.89	139	140073	40.316	ng	90
57) 2,4-Dinitrotoluene	15.04	165	216773	40.176	ng	96
58) Fluorene	15.74	166	744719	36.861	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	204979	35.976	ng	93
60) Diethylphthalate	15.52	149	845981	36.695	ng	96
61) 4-Chlorophenyl-phenylether	15.74	204	403610	36.816	ng	99
62) 4-Nitroaniline	15.75	138	196560	39.965	ng	95
63) Azobenzene	16.03	77	874344	36.240	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	87198	37.020	ng	97
66) n-Nitrosodiphenylamine	15.95	169	667019	38.378	ng	99
67) 4-Bromophenyl-phenylether	16.64	248	272925	38.069	ng	99
68) Hexachlorobenzene	16.75	284	300010	38.755	ng	99
69) Atrazine	16.90	200	257781	38.380	ng	97
70) Pentachlorophenol	17.09	266	156117	35.540	ng	96
71) Phenanthrene	17.48	178	1218555	39.095	ng	99
72) Anthracene	17.58	178	1188422	38.711	ng	98
73) Carbazole	17.84	167	1137120	38.676	ng	99
74) Di-n-butylphthalate	18.42	149	1403285	37.897	ng	99
75) Fluoranthene	19.49	202	1428368	37.917	ng	100
77) Benzidine	19.66	184	625515	32.088	ng	96
78) Pyrene	19.85	202	1454613	39.053	ng	98
80) Butylbenzylphthalate	20.75	149	632453	38.041	ng	97
81) Benzo(a)anthracene	21.70	228	1407053	38.422	ng	98
82) 3,3'-Dichlorobenzidine	21.61	252	540875	37.096	ng	99
83) Chrysene	21.76	228	1340351	38.453	ng	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	886353	38.230	ng	99
85) Di-n-octyl phthalate	22.86	149	1477593	37.112	ng	99
86) Indeno(1,2,3-cd)pyrene	28.62	276	1733061	37.647	ng	98
88) Benzo(b)fluoranthene	23.92	252	1519203	38.353	ng	# 97
89) Benzo(k)fluoranthene	23.99	252	1427444	38.445	ng	98
90) Benzo(a)pyrene	24.79	252	1398259	37.901	ng	# 98
91) Dibenzo(a,h)anthracene	28.68	278	1380302	37.521	ng	# 94
92) Benzo(g,h,i)perylene	29.76	276	1397865	37.935	ng	98

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

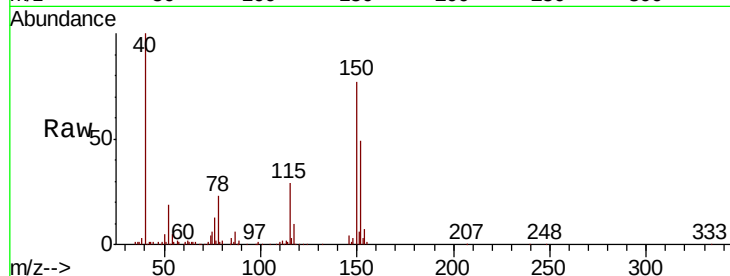


#1

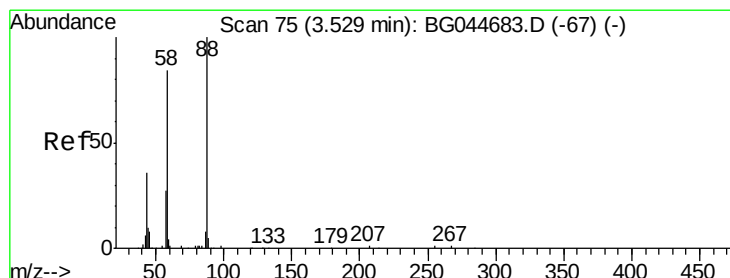
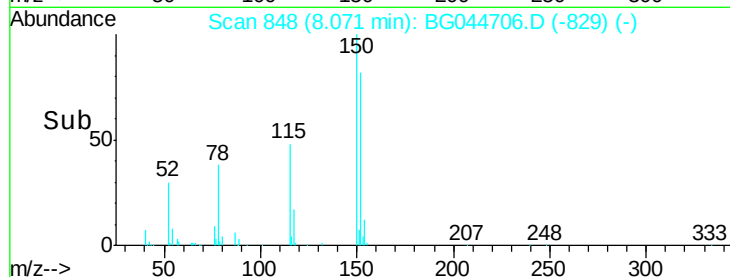
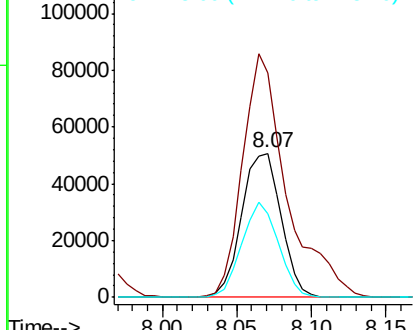
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	118.6	177.8
115	58.2	43.6	65.4



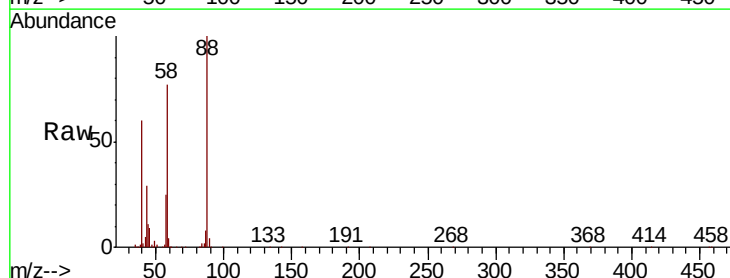
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



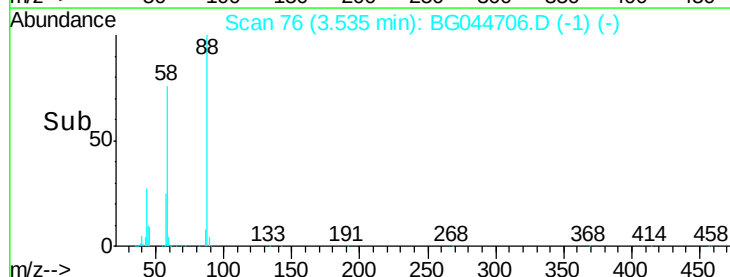
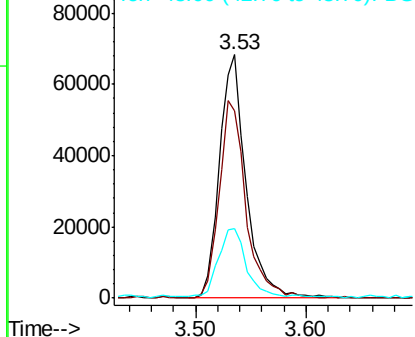
#2

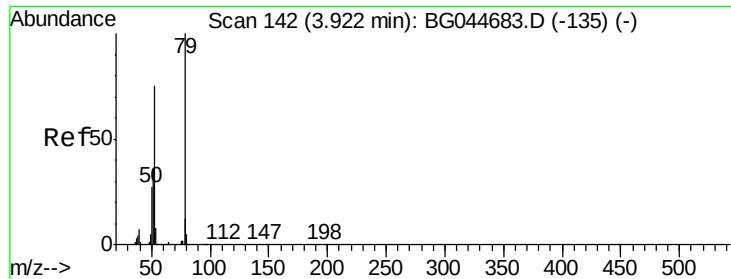
1,4-Dioxane
Concen: 38.721 ng
RT: 3.53 min Scan# 76
Delta R.T. 0.01 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.4	66.6	99.8
43	29.6	27.4	41.2



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: 36.165 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.00 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Instrument :

BNA_G

ClientSampleId :

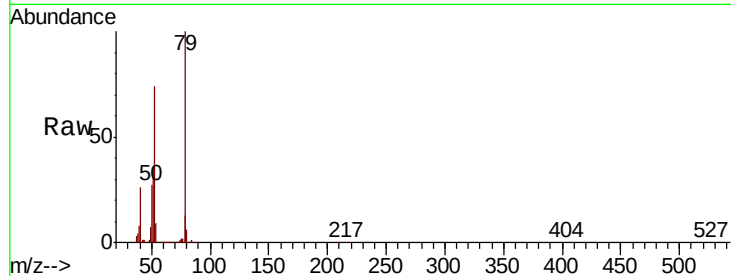
Tot Ion: 79 Resp: 332145

Ion Ratio Lower Upper

79 100

52 73.6 59.9 89.9

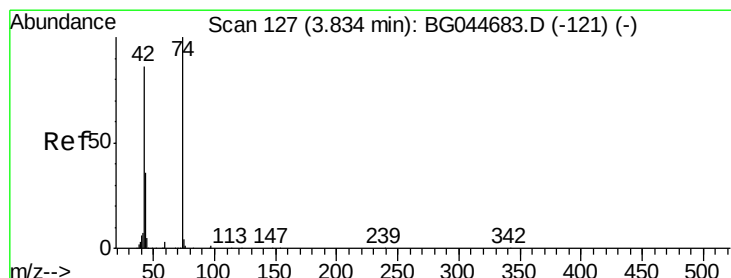
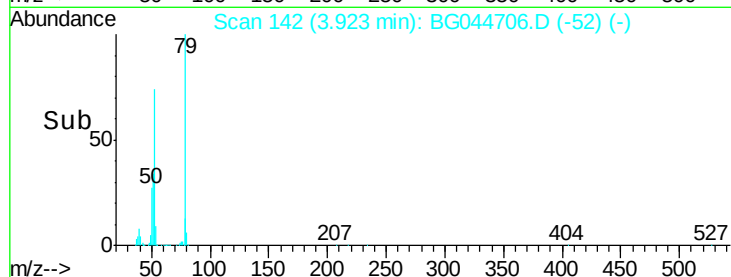
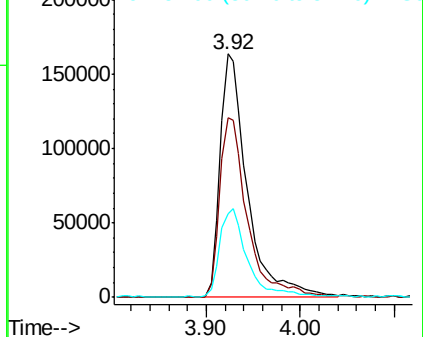
51 34.6 29.3 43.9



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: 34.911 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.00 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

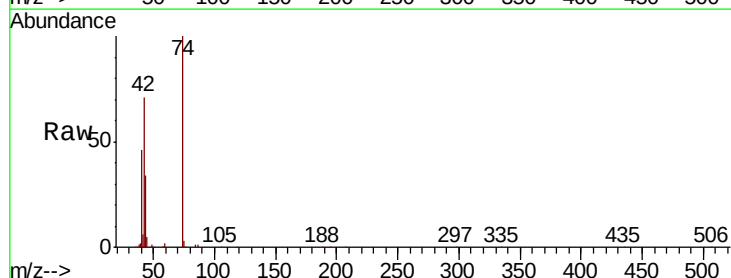
Tgt Ion: 42 Resp: 135625

Ion Ratio Lower Upper

42 100

74 140.7 93.4 140.2#

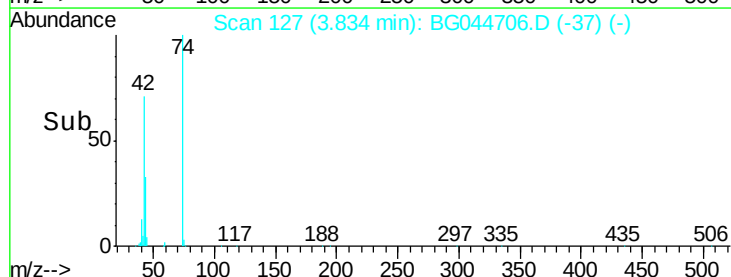
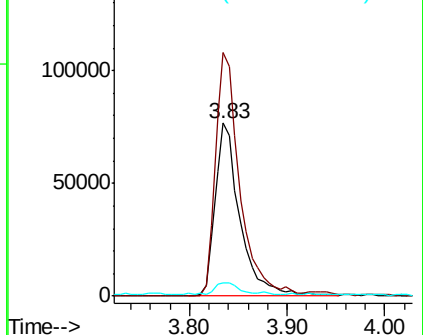
44 7.4 8.9 13.3#

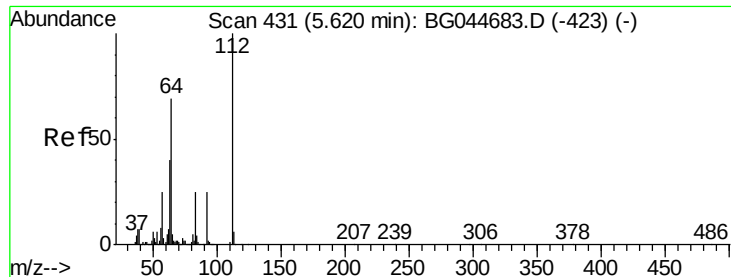


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 75.357 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044706.D

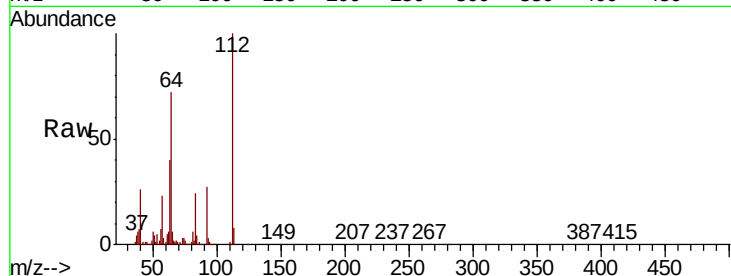
Acq: 9 Mar 2020 17:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	465684
Ion	Ratio	Lower	Upper
112	100		
64	71.8	55.4	83.0
63	39.6	32.1	48.1

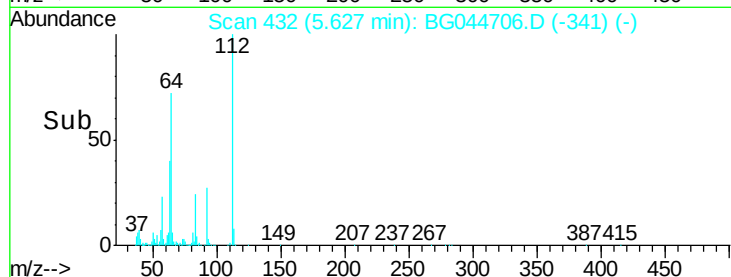


Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Time-->

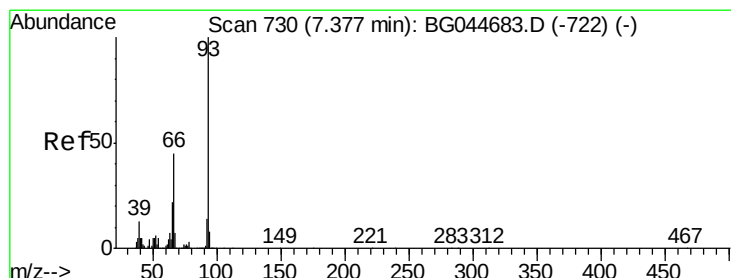


Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Time-->



#6

Aniline

Concen: 36.148 ng

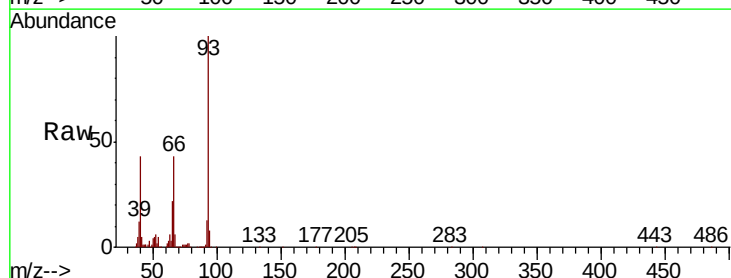
RT: 7.38 min Scan# 731

Delta R.T. 0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Tgt Ion:	93	Resp:	422989
Ion	Ratio	Lower	Upper
93	100		
66	42.9	35.8	53.8
65	21.6	17.9	26.9

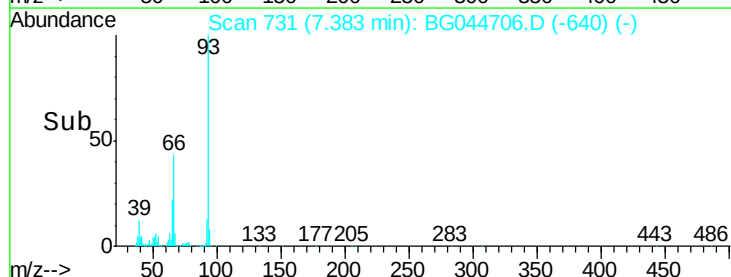


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Time-->

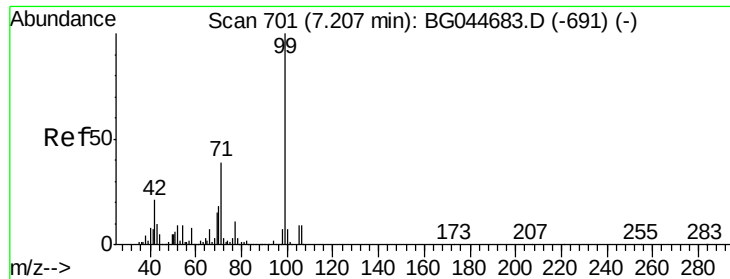


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Time-->



#7

Phenol-d6

Concen: 72.069 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Instrument :

BNA_G

ClientSampleId :

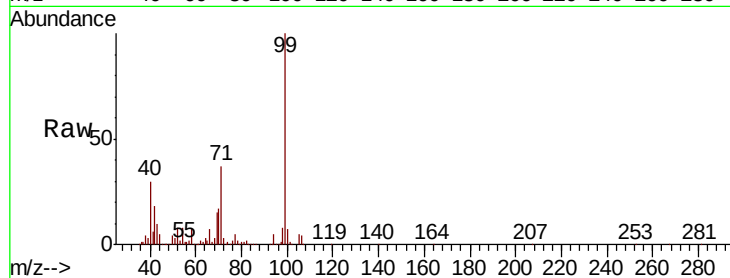
Tot Ion: 99 Resp: 673194

Ion Ratio Lower Upper

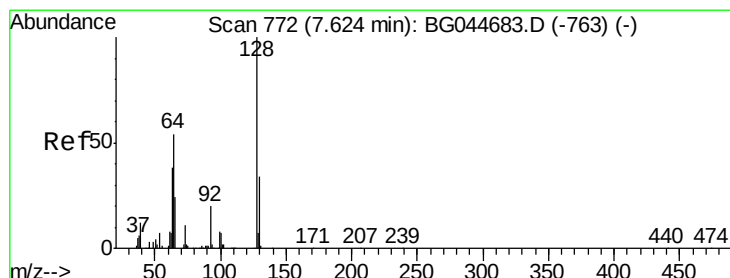
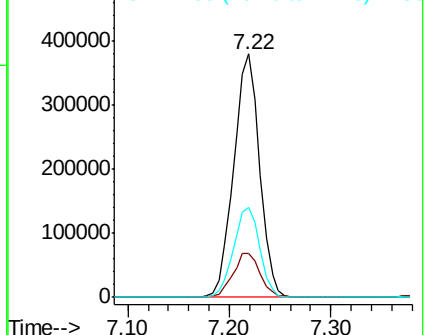
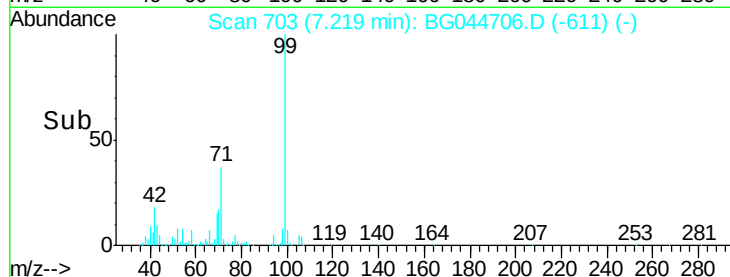
99 100

42 18.1 16.5 24.7

71 36.8 30.9 46.3



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: 38.022 ng

RT: 7.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

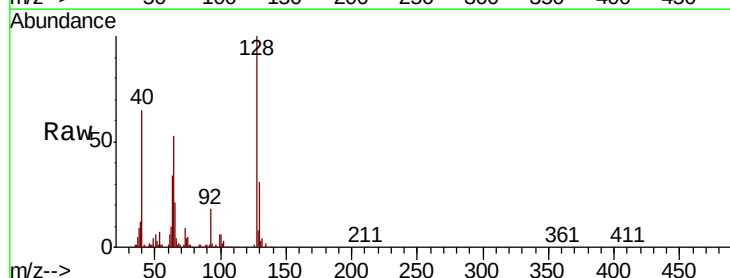
Tgt Ion: 128 Resp: 238141

Ion Ratio Lower Upper

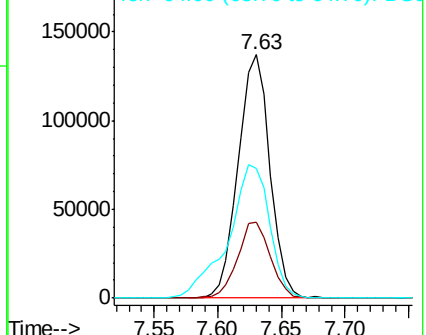
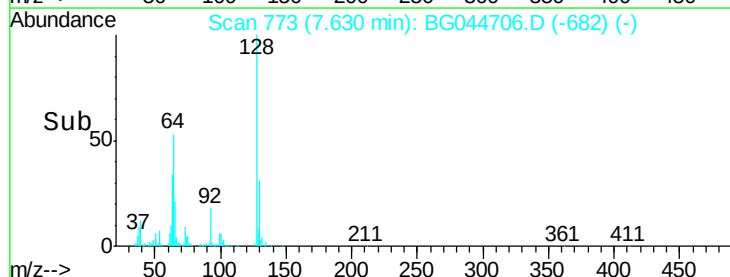
128 100

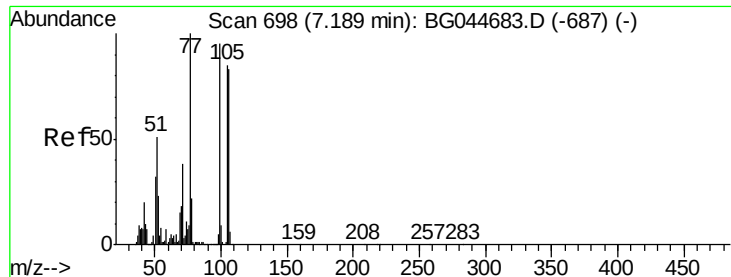
130 31.2 14.0 54.0

64 53.3 37.6 77.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 32.957 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Instrument :

BNA_G

ClientSampled :

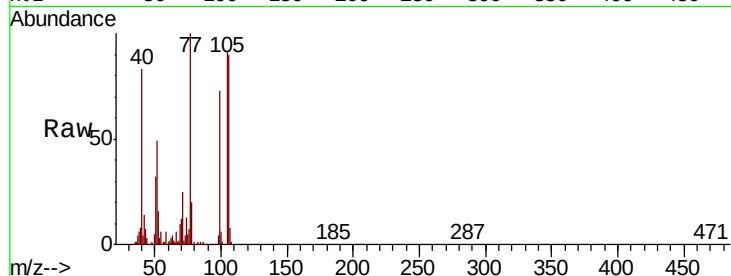
Tot Ion: 77 Resp: 197850

Ion Ratio Lower Upper

77 100

105 91.0 65.1 105.1

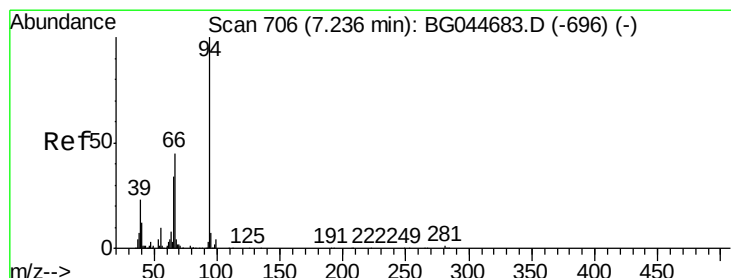
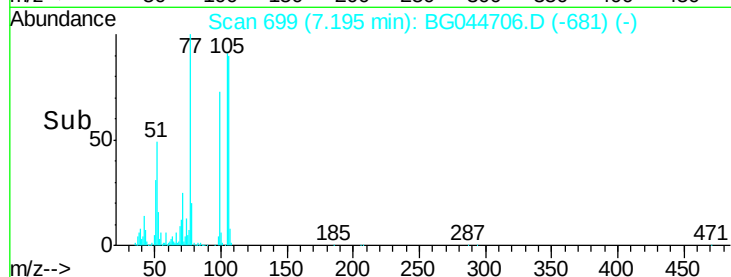
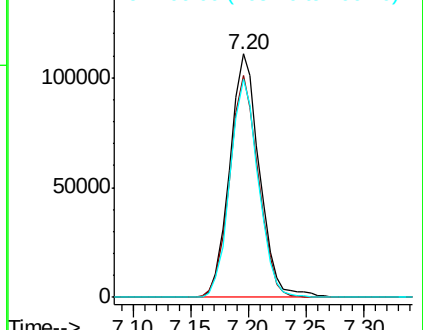
106 89.6 63.1 103.1



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: 37.557 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

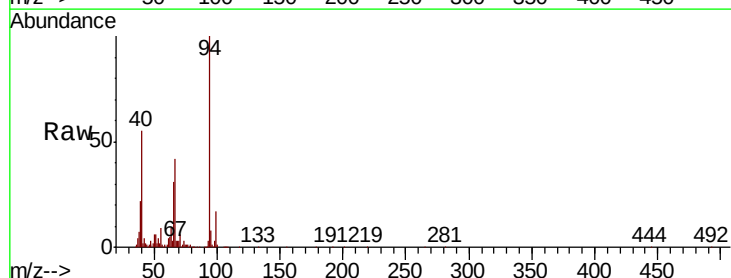
Tgt Ion: 94 Resp: 345583

Ion Ratio Lower Upper

94 100

65 31.0 13.5 53.5

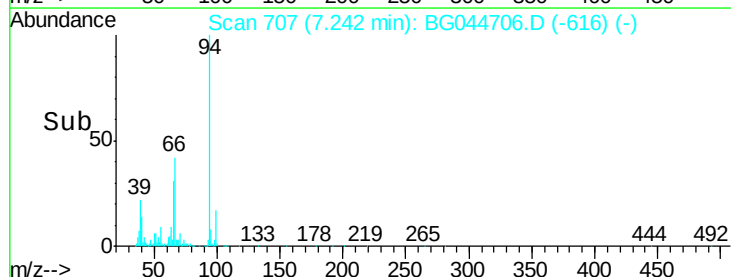
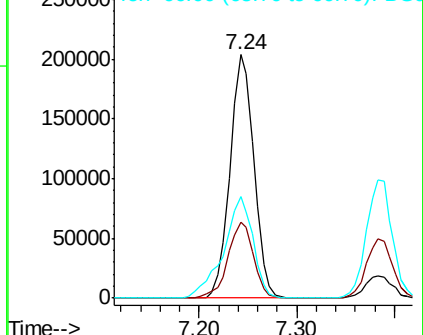
66 41.6 25.8 65.8

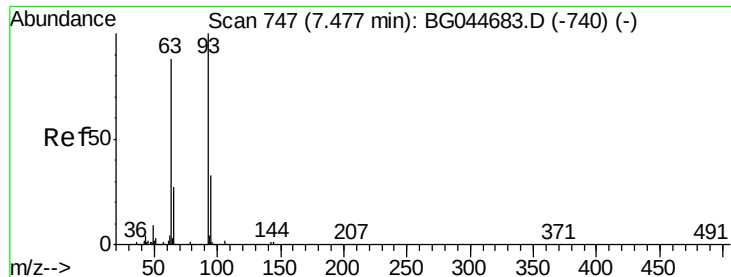


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

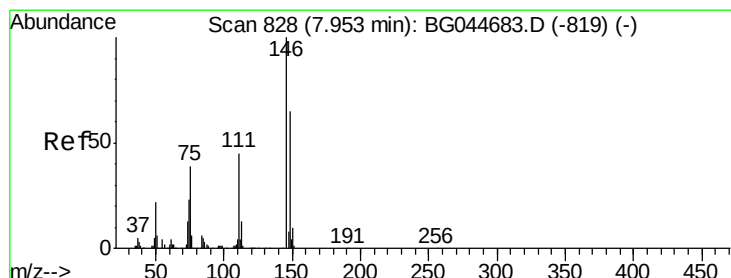
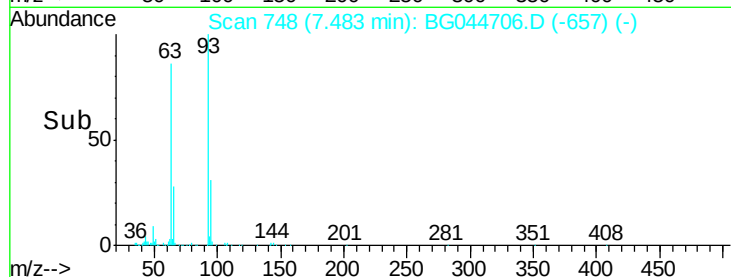
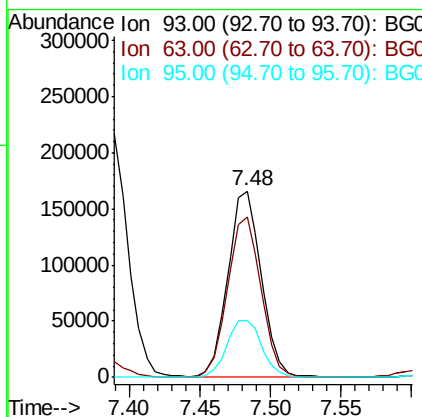
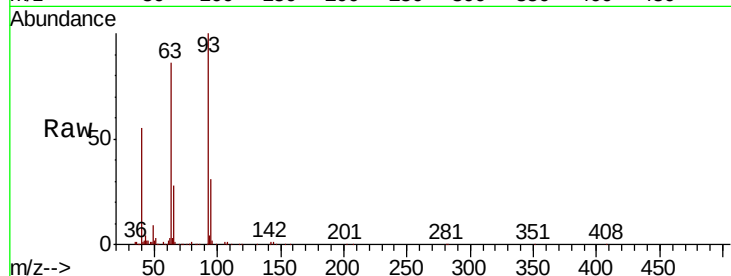




#11
 bis(2-Chloroethyl)ether
 Concen: 38.891 ng
 RT: 7.48 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BG044706.D
 Acq: 9 Mar 2020 17:54

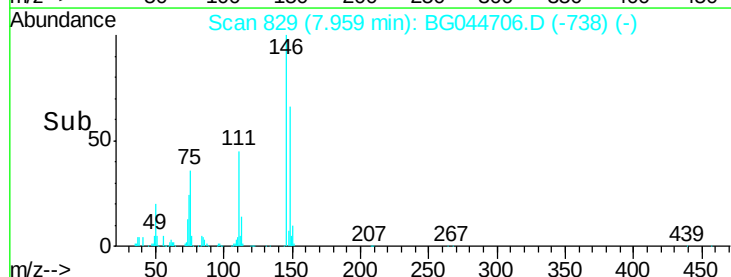
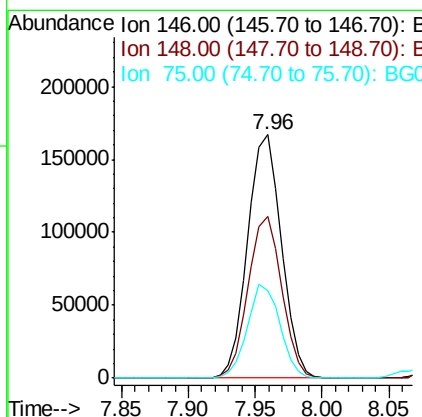
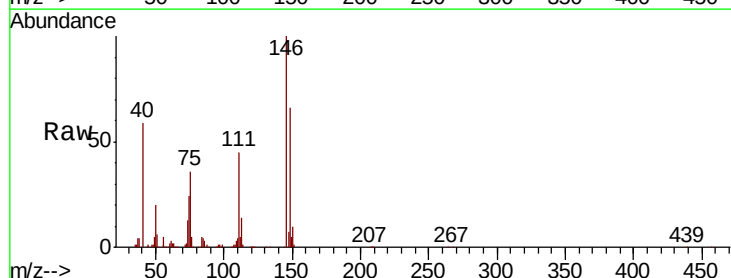
Instrument :
 BNA_G
 ClientSampleId :

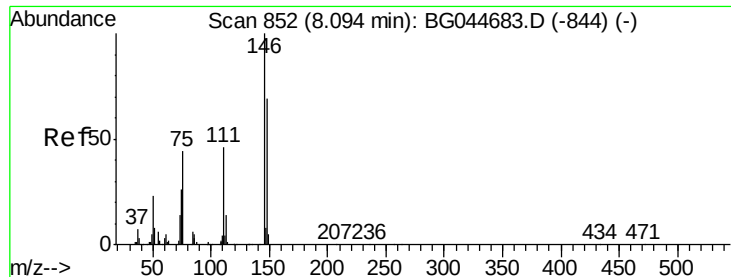
Tot Ion: 93 Resp: 274967
 Ion Ratio Lower Upper
 93 100
 63 85.8 67.8 107.8
 95 30.6 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 39.151 ng
 RT: 7.96 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BG044706.D
 Acq: 9 Mar 2020 17:54

Tgt Ion: 146 Resp: 291627
 Ion Ratio Lower Upper
 146 100
 148 66.4 51.9 77.9
 75 35.9 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 39.101 ng

RT: 8.10 min Scan# 853

Delta R.T. 0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Instrument :

BNA_G

ClientSampleId :

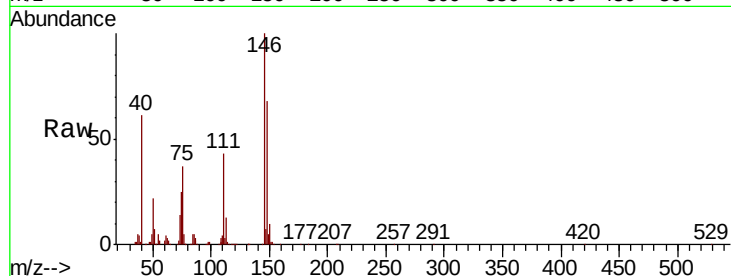
Tot Ion:146 Resp: 290980

Ion Ratio Lower Upper

146 100

148 68.1 55.0 82.4

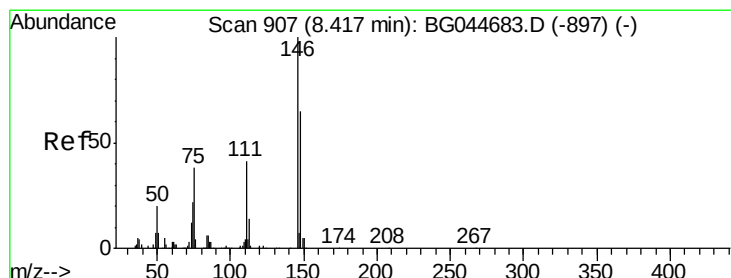
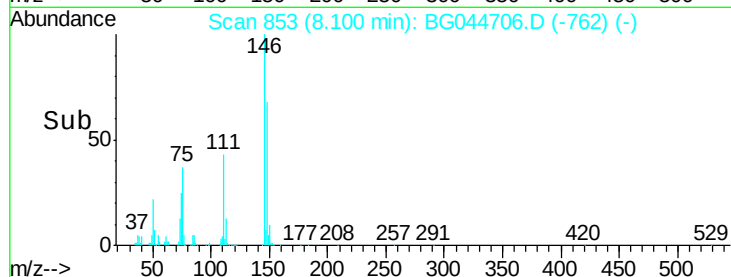
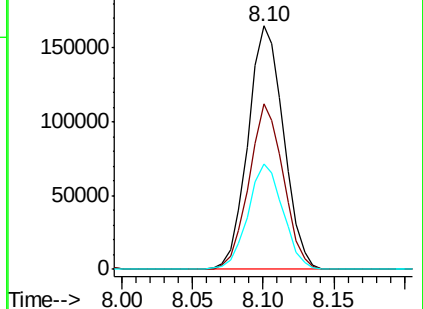
111 43.2 37.2 55.8



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: 38.447 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

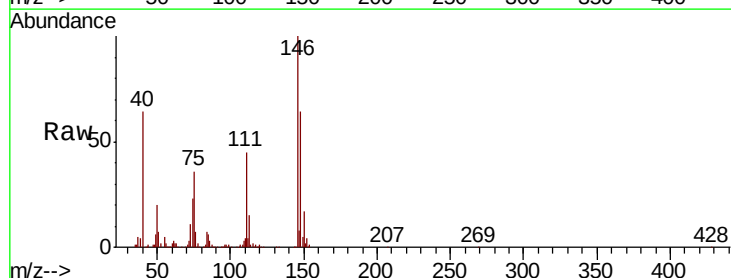
Tgt Ion:146 Resp: 270454

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

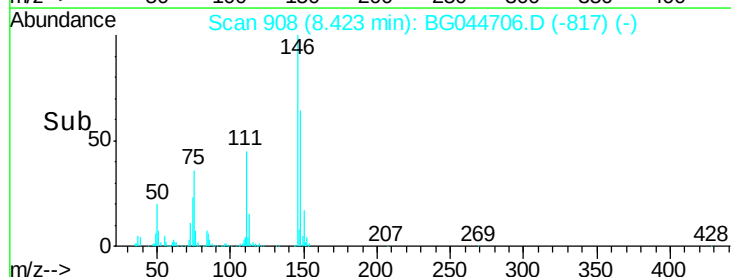
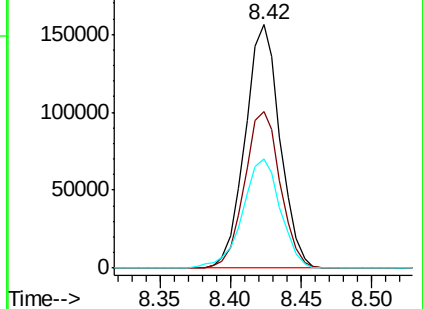
111 44.7 33.4 50.0

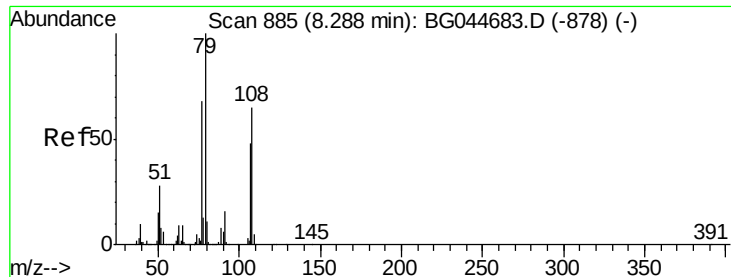


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.147 ng

RT: 8.29 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Instrument :

BNA_G

ClientSampleId :

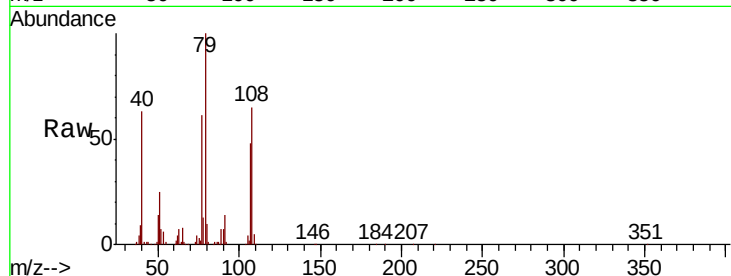
Tot Ion: 79 Resp: 283230

Ion Ratio Lower Upper

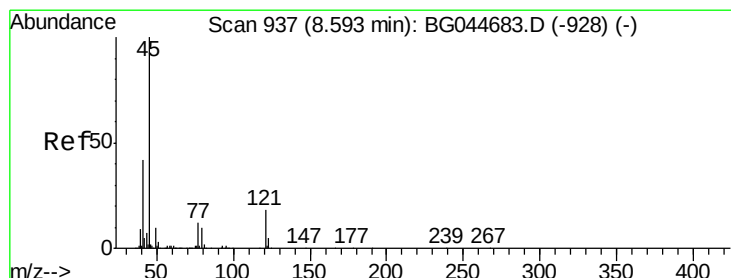
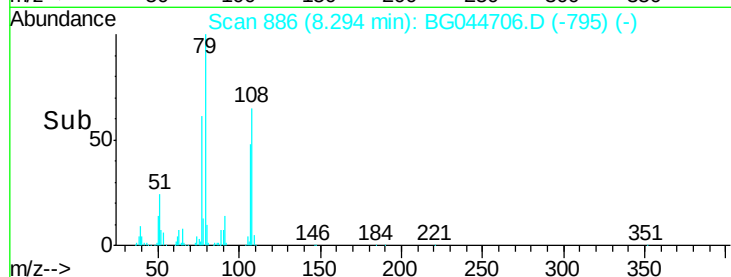
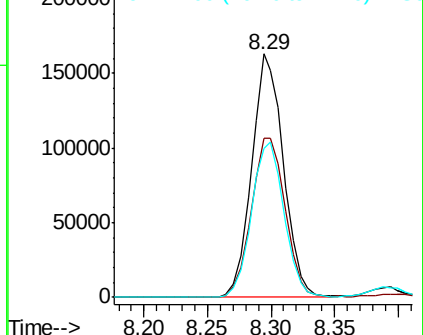
79 100

108 65.5 52.2 78.4

77 61.1 54.2 81.2



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: 36.525 ng

RT: 8.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

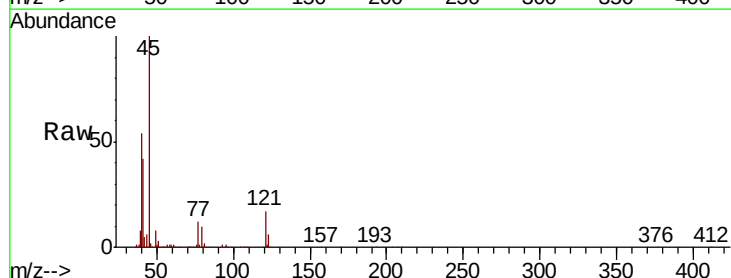
Tgt Ion: 45 Resp: 487887

Ion Ratio Lower Upper

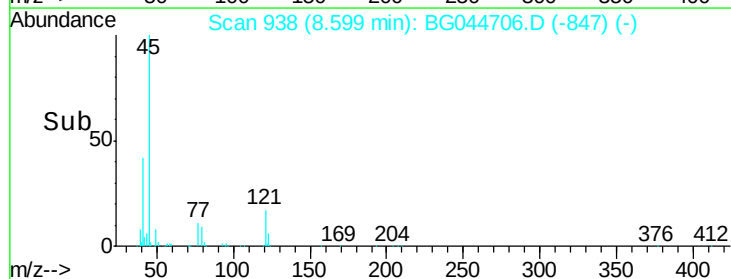
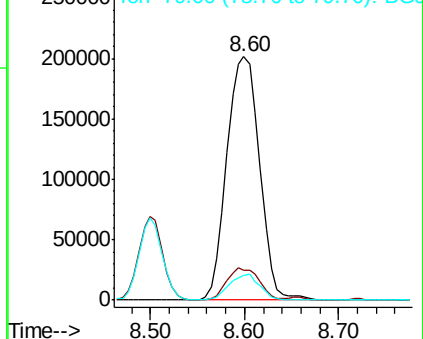
45 100

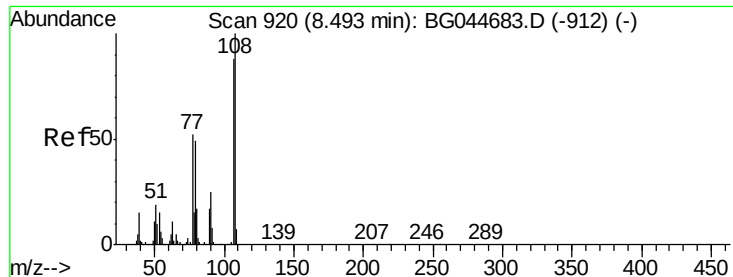
77 12.3 0.0 32.1

79 10.1 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: 37.156 ng

RT: 8.50 min Scan# 921

Delta R.T. 0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 234260

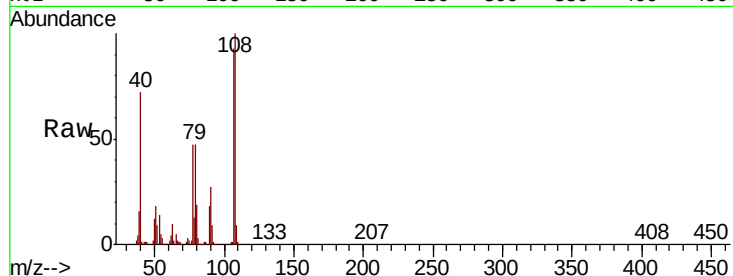
Ion Ratio Lower Upper

107 100

108 107.0 90.5 135.7

77 50.3 47.3 70.9

79 49.8 44.6 67.0

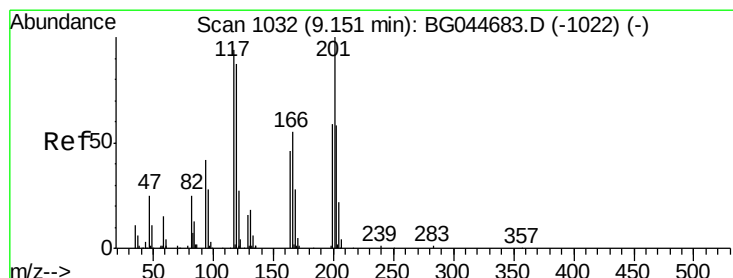
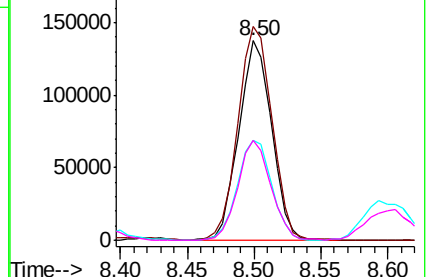
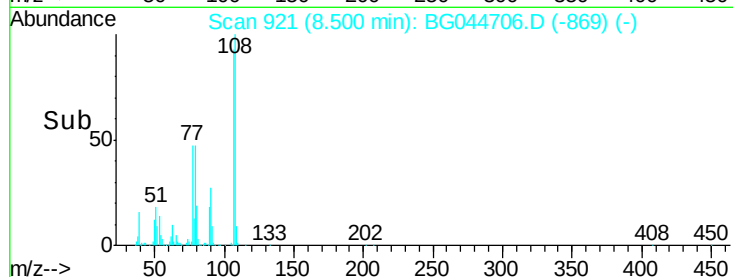


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.782 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

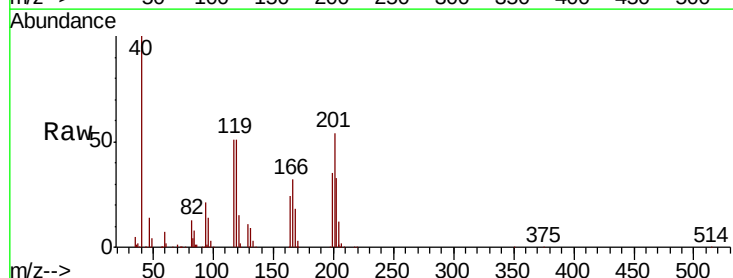
Tgt Ion:117 Resp: 112771

Ion Ratio Lower Upper

117 100

119 99.3 74.5 111.7

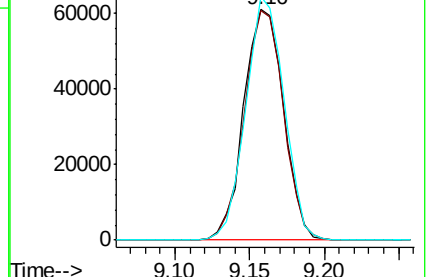
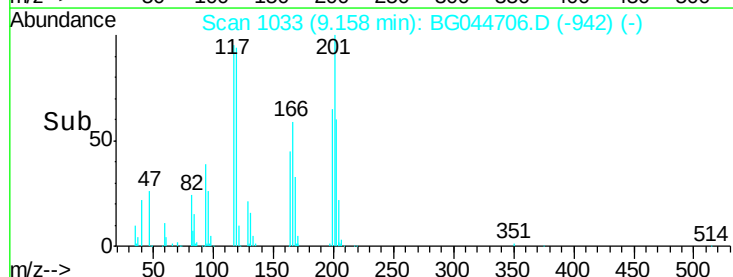
201 105.5 85.5 128.3

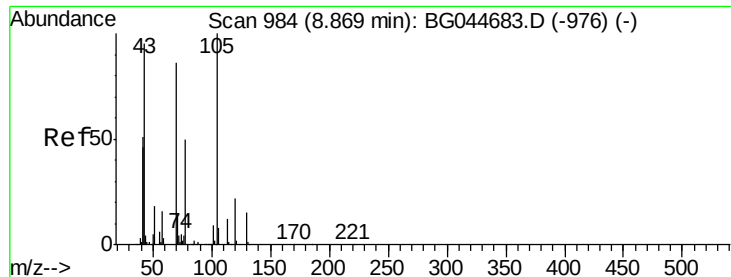


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

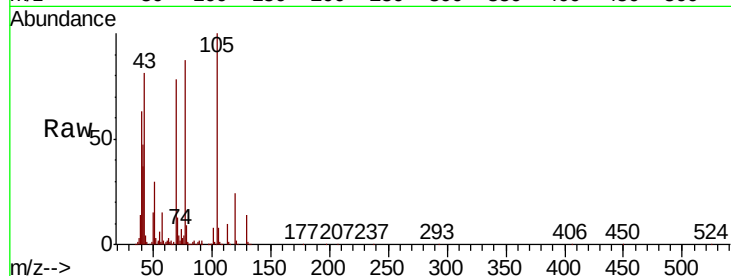




#19
n-Nitroso-di-n-propylamine
Concen: 34.777 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	242682
Ion	Ratio	Lower	Upper
70	100		
42	60.7	48.9	73.3
101	9.8	8.0	12.0
130	18.6	14.1	21.1



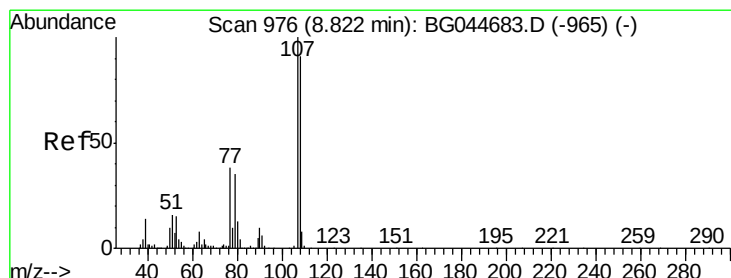
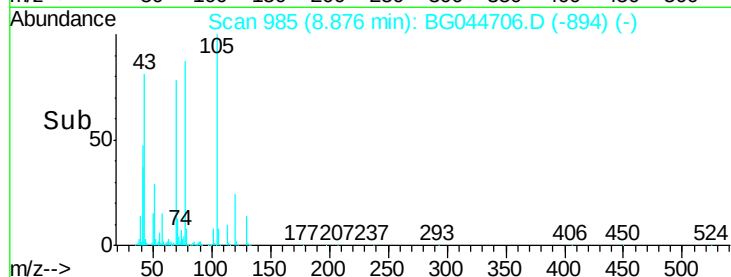
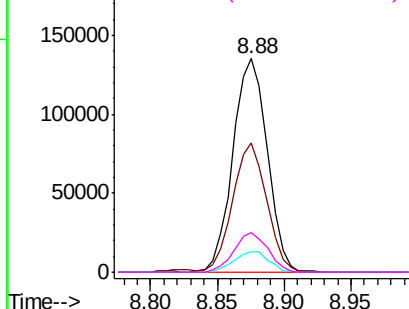
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

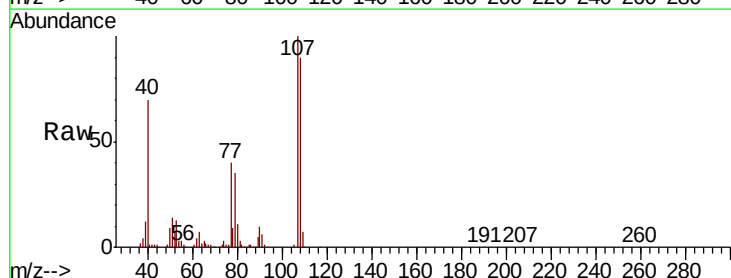
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 36.340 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

Tgt Ion:	107	Resp:	319180
Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.8	110.8
77	39.7	17.8	57.8
79	34.5	14.9	54.9



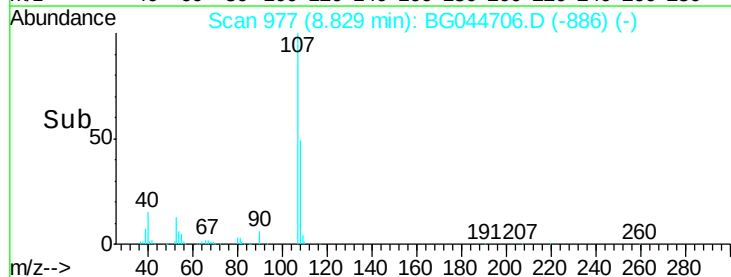
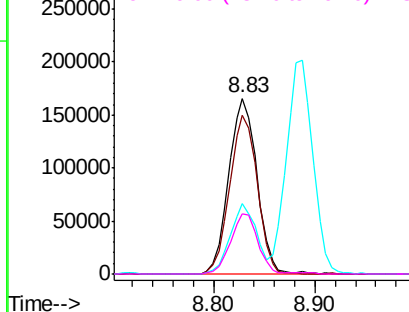
Abundance

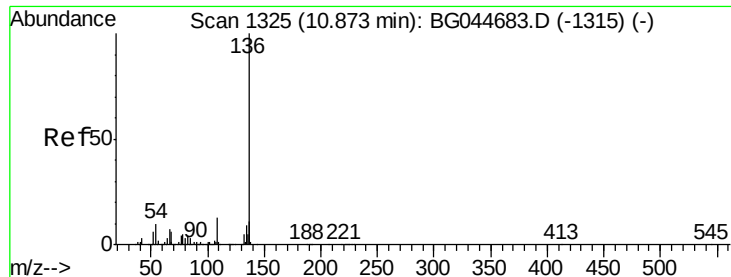
Ion 107.00 (106.70 to 107.70): BGC

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

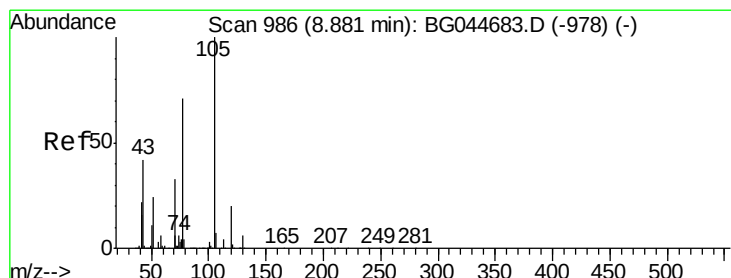
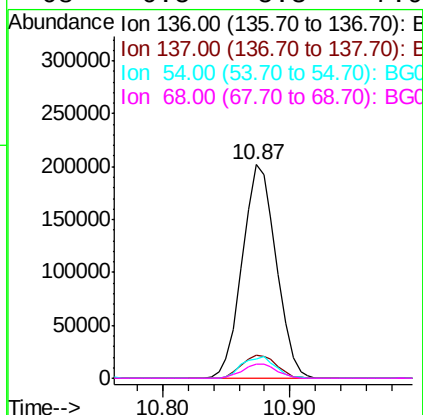
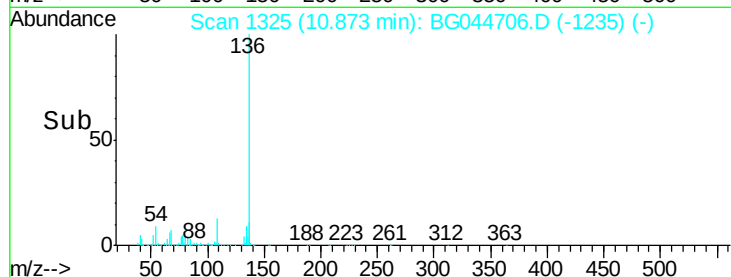
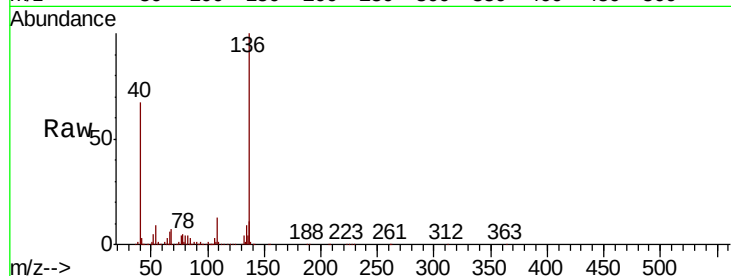




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

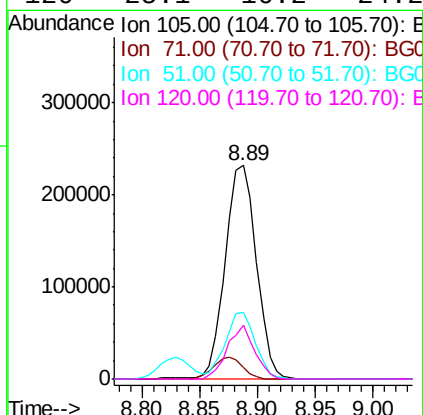
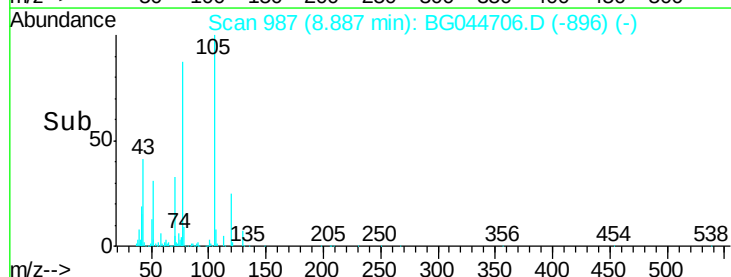
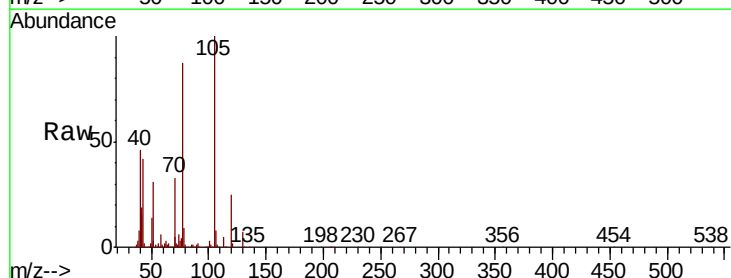
Instrument :
BNA_G
ClientSampleId :

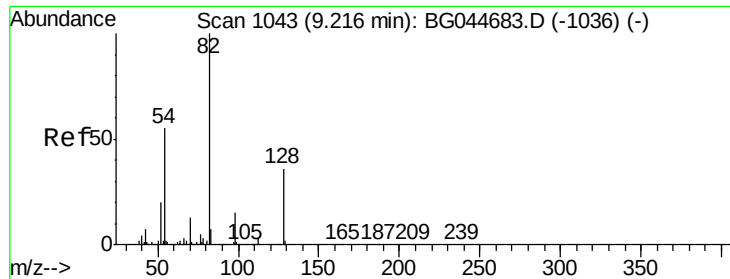
Tot Ion:136	Resp:	374599	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.6	12.8	
54 9.2	8.2	12.4	
68 6.5	5.3	7.9	



#22
Acetophenone
Concen: 39.692 ng
RT: 8.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

Tgt	Ion:105	Resp:	434053
Ion	Ratio	Lower	Upper
105	100		
71	5.3	4.8	7.2
51	31.2	24.0	36.0
120	25.1	16.2	24.2#

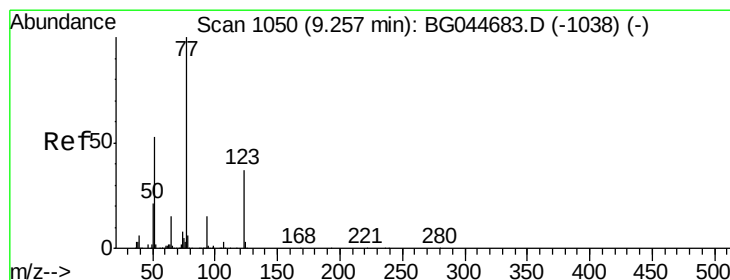
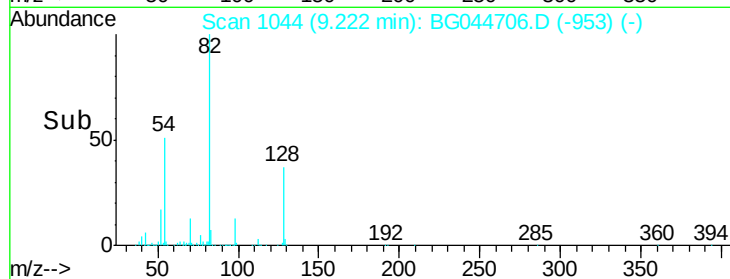
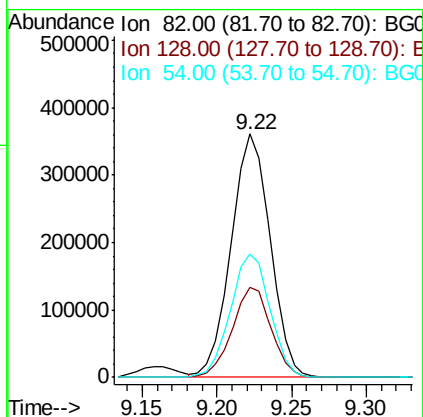
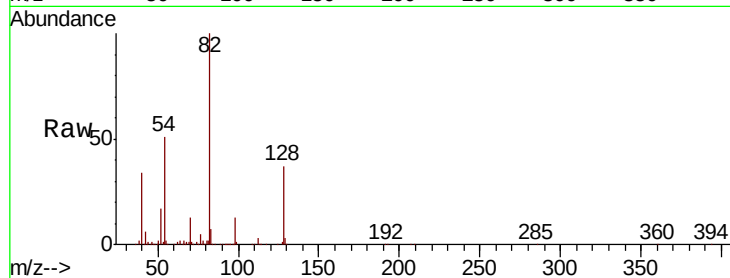




#23
 Nitrobenzene-d5
 Concen: 79.749 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BG044706.D
 Acq: 9 Mar 2020 17:54

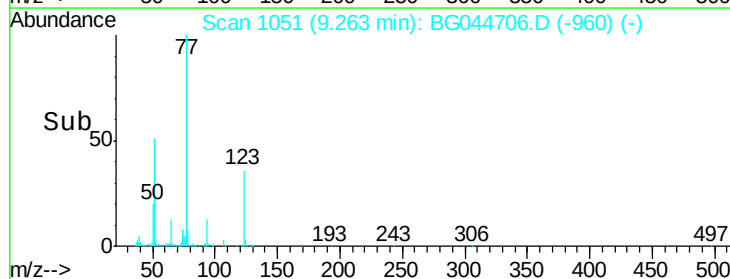
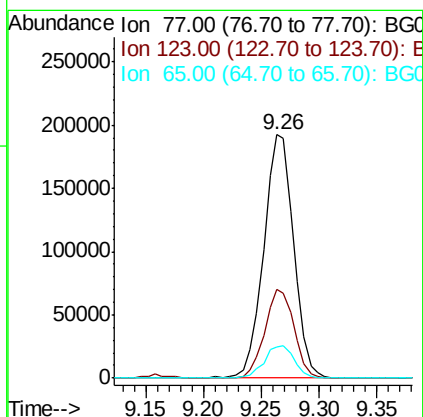
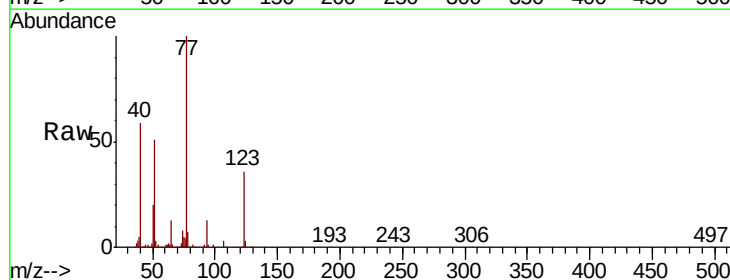
Instrument :
 BNA_G
 ClientSampleID :

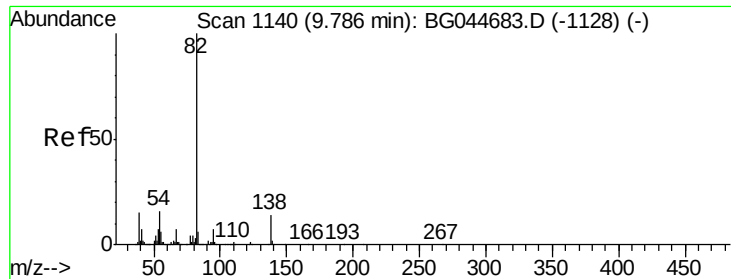
Tot Ion	82	Resp	656125
Ion Ratio	Lower	Upper	
82	100		
128	36.8	28.5	42.7
54	50.5	43.6	65.4



#24
 Nitrobenzene
 Concen: 39.847 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BG044706.D
 Acq: 9 Mar 2020 17:54

Tgt Ion	77	Resp	347589
Ion Ratio	Lower	Upper	
77	100		
123	36.4	29.7	44.5
65	12.6	11.7	17.5





#25

Isophorone

Concen: 35.795 ng

RT: 9.79 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Instrument :

BNA_G

ClientSampleId :

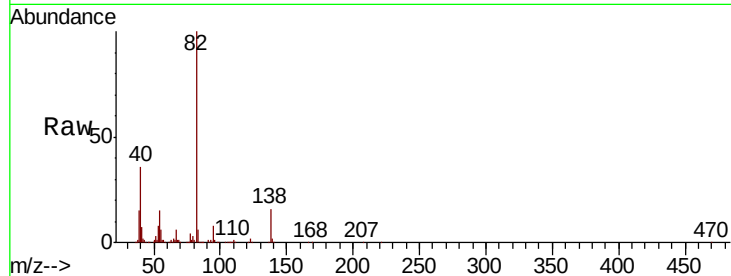
Tot Ion: 82 Resp: 649450

Ion Ratio Lower Upper

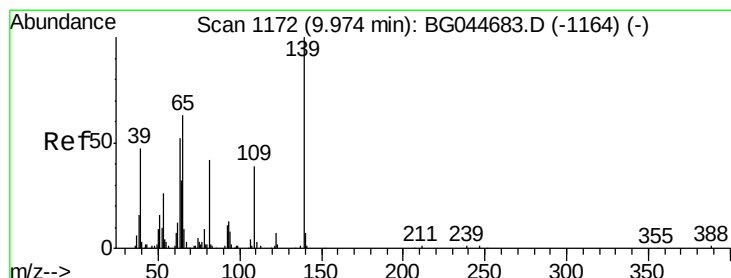
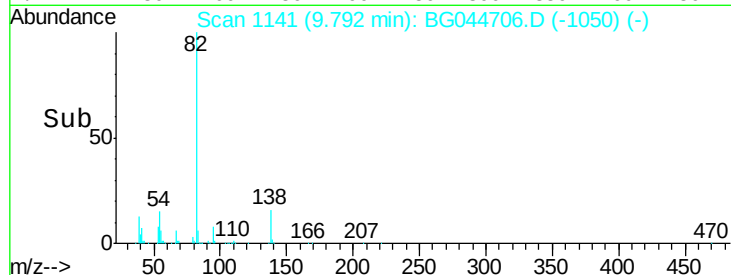
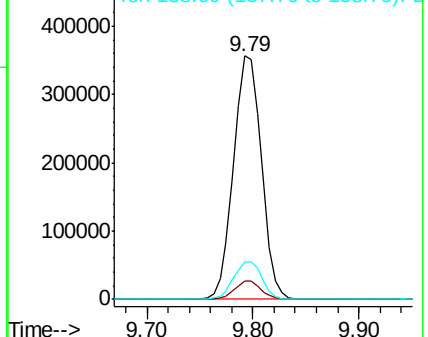
82 100

95 7.6 6.0 9.0

138 15.7 11.2 16.8



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: 36.105 ng

RT: 9.98 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

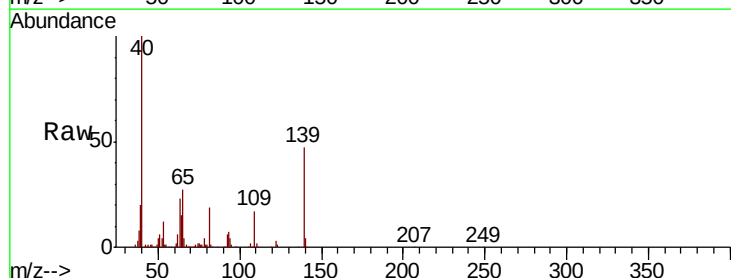
Tgt Ion: 139 Resp: 104254

Ion Ratio Lower Upper

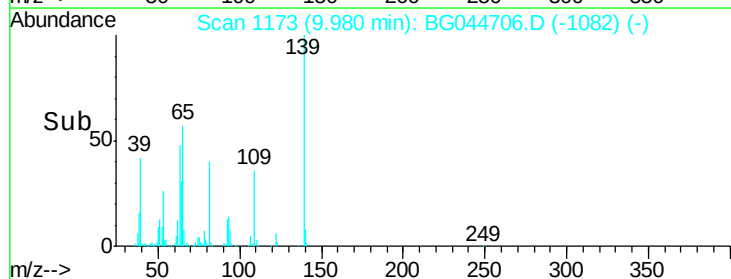
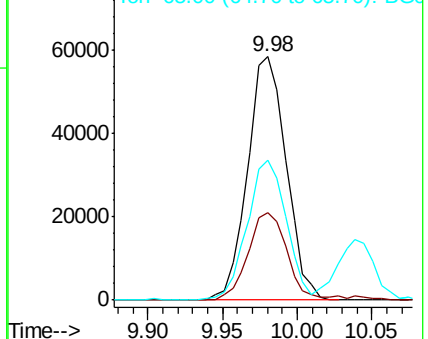
139 100

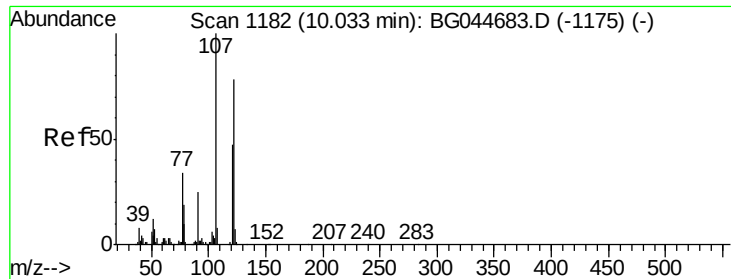
109 35.7 31.1 46.7

65 57.6 50.2 75.4



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

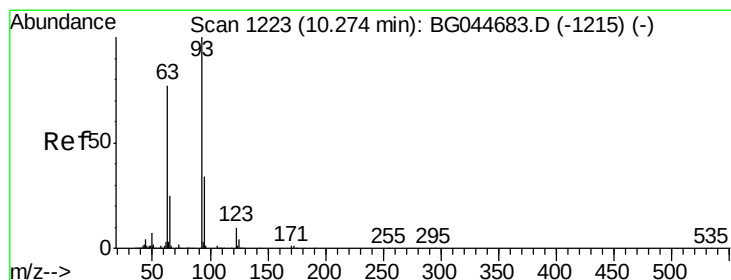
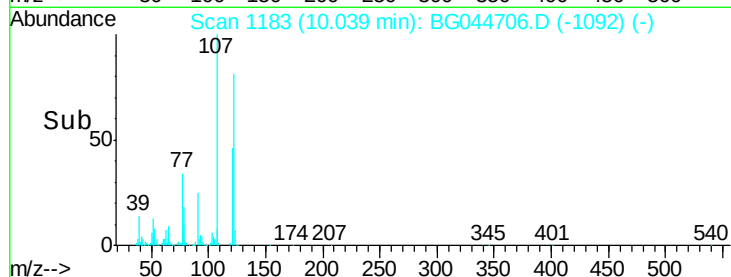
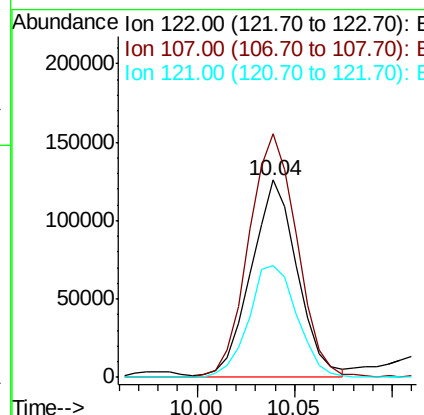
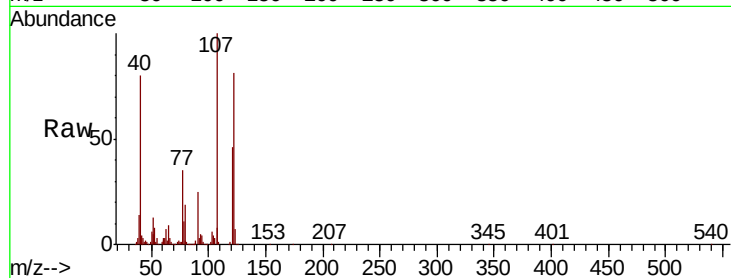




#27
 2,4-Dimethylphenol
 Concen: 36.212 ng
 RT: 10.04 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BG044706.D
 Acq: 9 Mar 2020 17:54

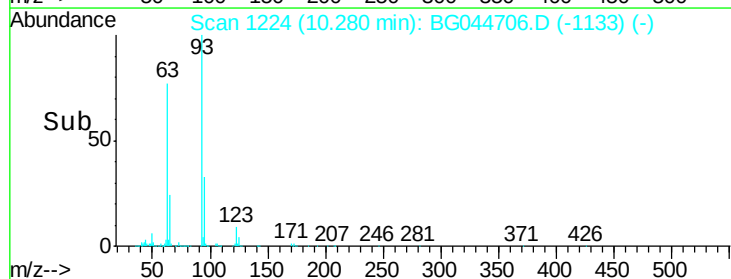
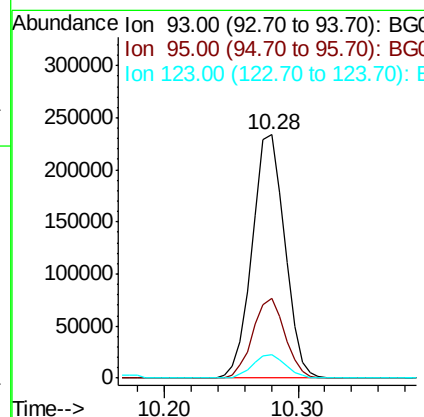
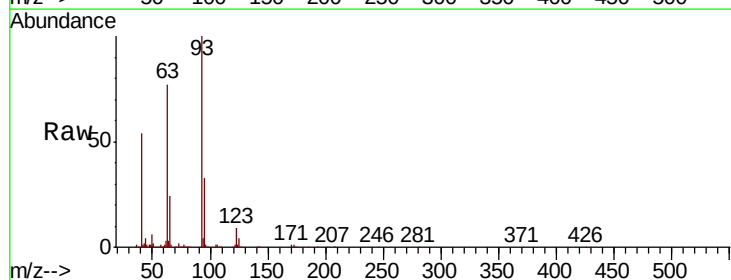
Instrument :
 BNA_G
 ClientSampleId :

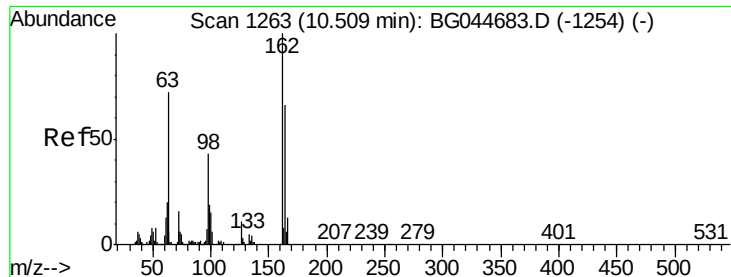
Tot Ion:122 Resp: 206130
 Ion Ratio Lower Upper
 122 100
 107 123.3 101.7 152.5
 121 56.7 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.468 ng
 RT: 10.28 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BG044706.D
 Acq: 9 Mar 2020 17:54

Tgt Ion: 93 Resp: 392934
 Ion Ratio Lower Upper
 93 100
 95 32.9 27.0 40.6
 123 9.5 8.3 12.5

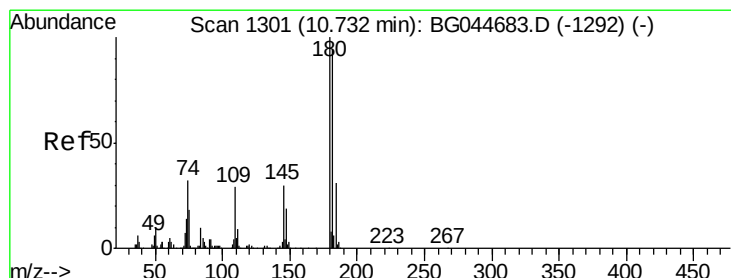
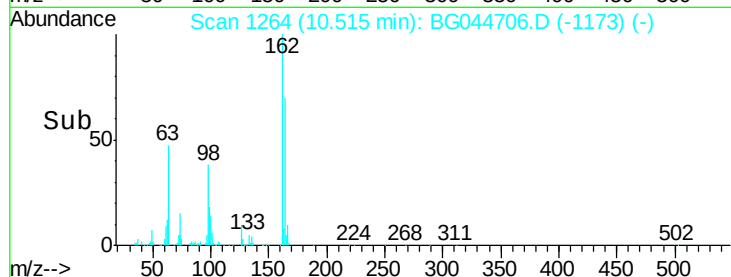
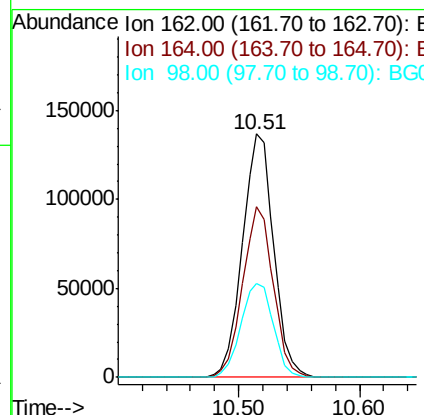
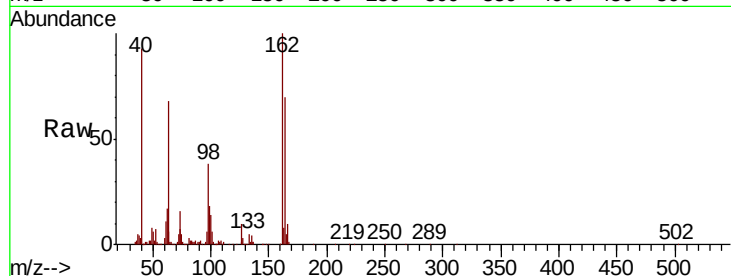




#29
 2,4-Dichlorophenol
 Concen: 38.038 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BG044706.D
 Acq: 9 Mar 2020 17:54

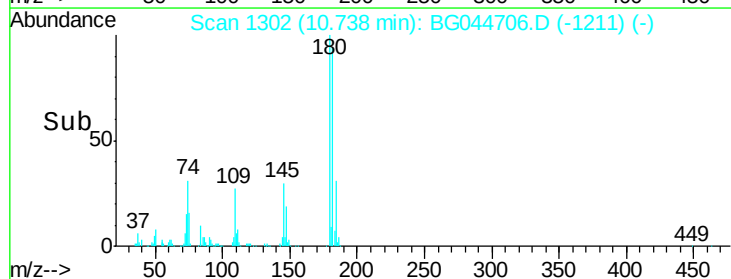
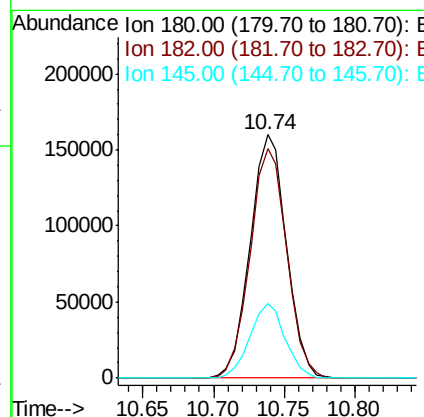
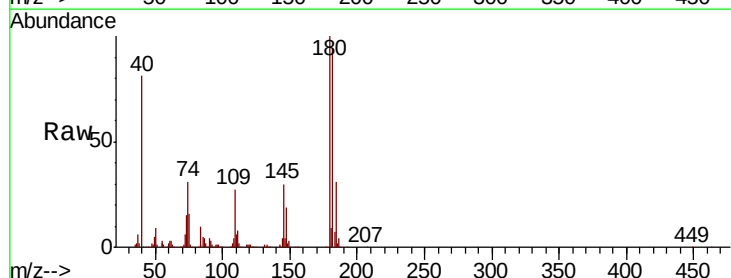
Instrument :
 BNA_G
 ClientSampleId :

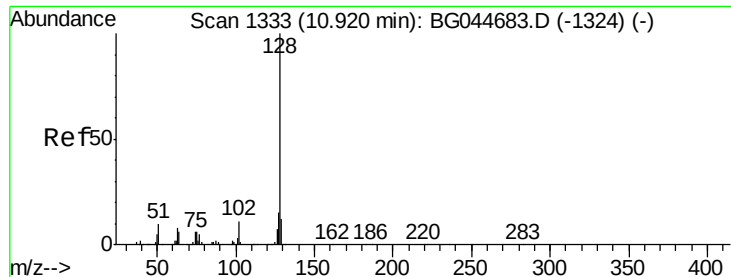
Tot Ion	Ratio	Lower	Upper
162	100		
164	70.2	46.1	86.1
98	38.3	22.8	62.8



#30
 1,2,4-Trichlorobenzene
 Concen: 38.273 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: BG044706.D
 Acq: 9 Mar 2020 17:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.1	112.7
145	30.5	23.8	35.8

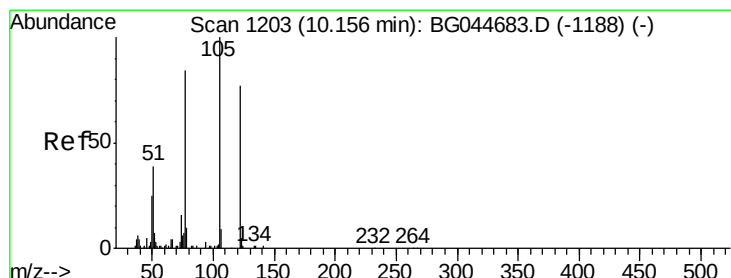
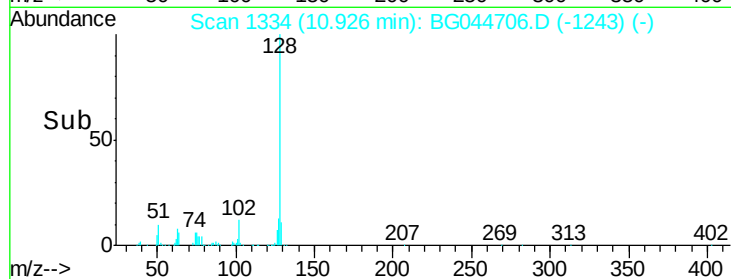
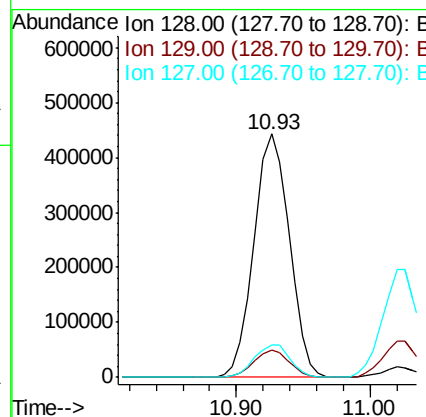
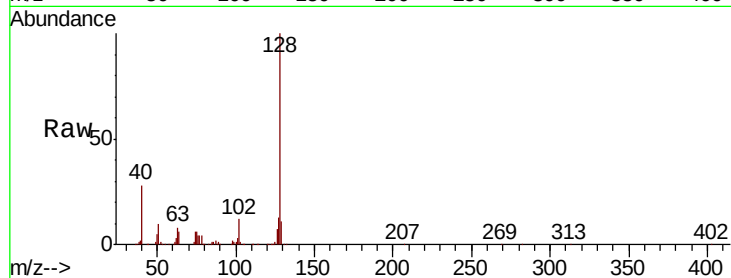




#31
Naphthalene
Concen: 38.686 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

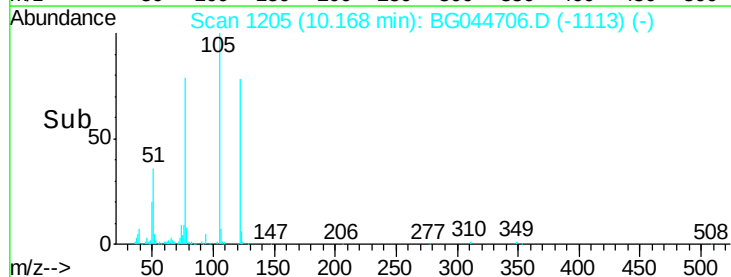
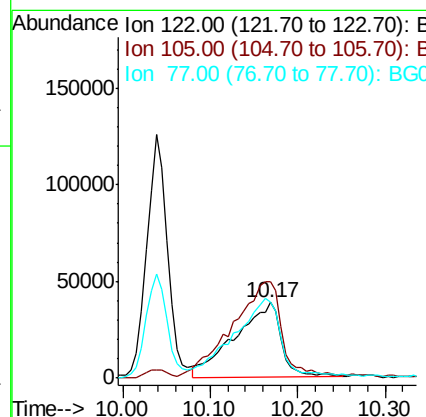
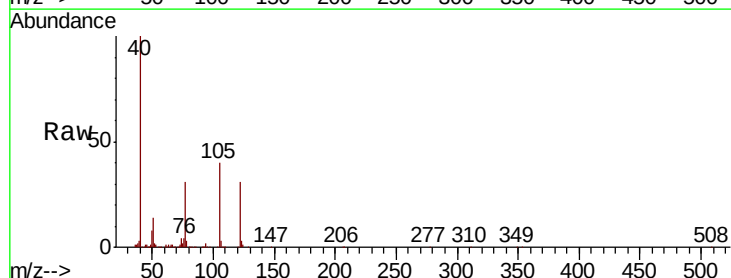
Instrument :
BNA_G
ClientSampleId :

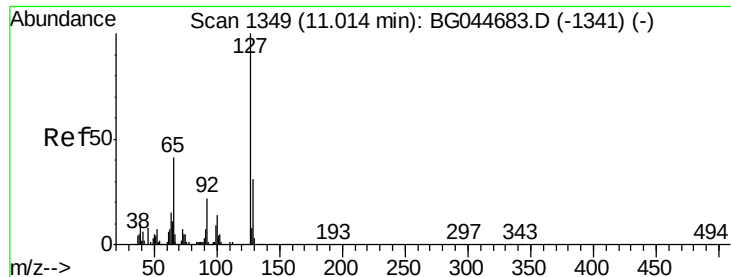
Tot Ion:128 Resp: 813258
Ion Ratio Lower Upper
128 100
129 11.2 9.7 14.5
127 13.1 11.6 17.4



#32
Benzoic acid
Concen: 34.155 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

Tgt Ion:122 Resp: 139004
Ion Ratio Lower Upper
122 100
105 128.5 105.1 145.1
77 100.9 87.7 127.7

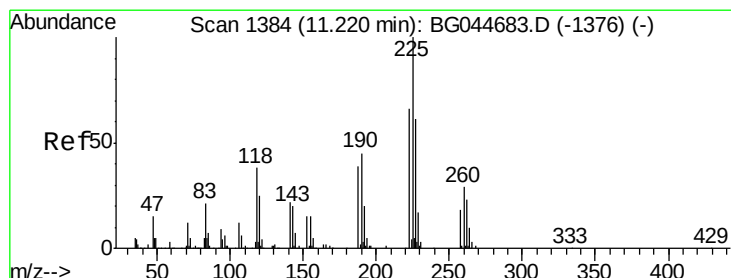
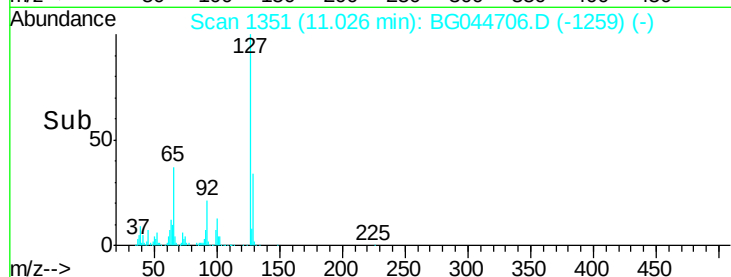
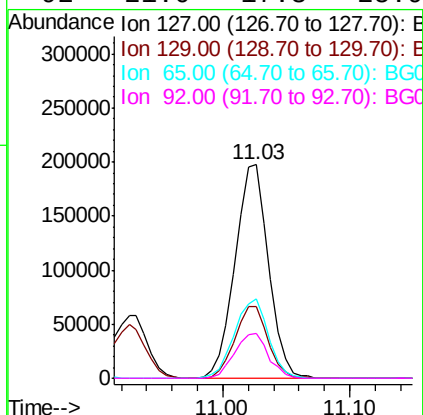
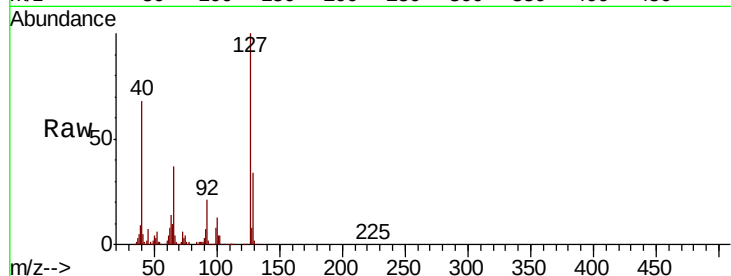




#33
4-Chloroaniline
Concen: 37.318 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

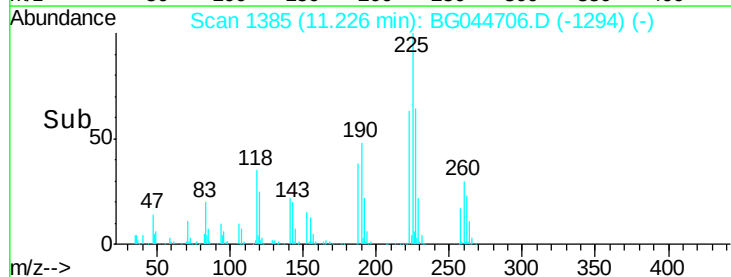
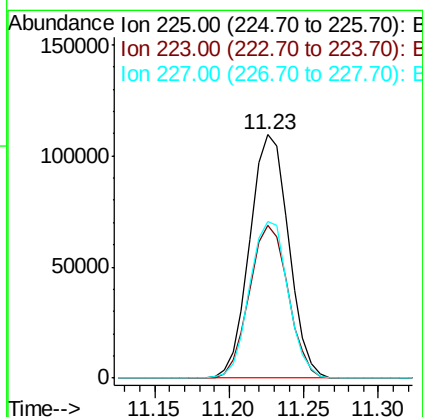
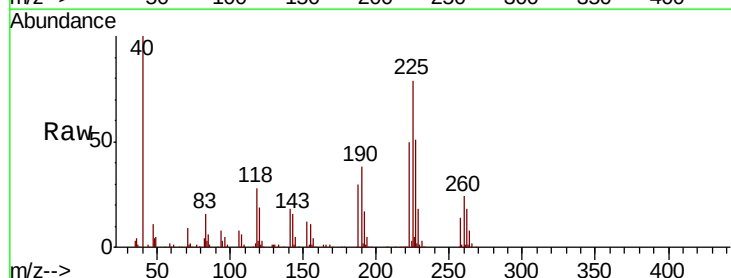
Instrument :
BNA_G
ClientSampleId :

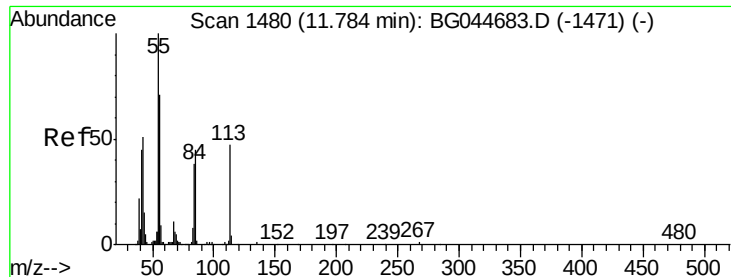
Tot Ion:127	Resp:	361338	
Ion Ratio	Lower	Upper	
127 100			
129 33.6	25.0	37.4	
65 37.4	32.7	49.1	
92 21.0	17.3	25.9	



#34
Hexachlorobutadiene
Concen: 38.336 ng
RT: 11.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

Tgt Ion:225	Resp: 197052
Ion Ratio	Lower Upper
225 100	
223 62.9	52.4 78.6
227 64.3	48.7 73.1





#35

Caprolactam

Concen: 34.616 ng

RT: 11.79 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Instrument :

BNA_G

ClientSampled :

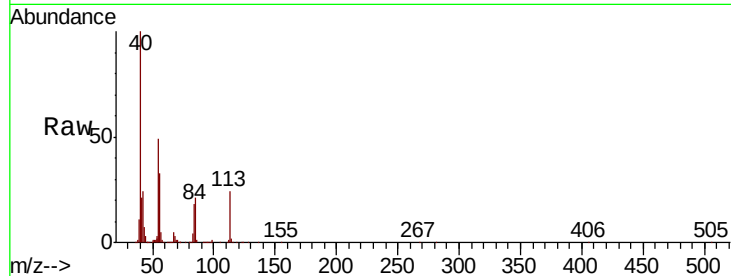
Tot Ion:113 Resp: 93589

Ion Ratio Lower Upper

113 100

55 207.6 194.3 234.3

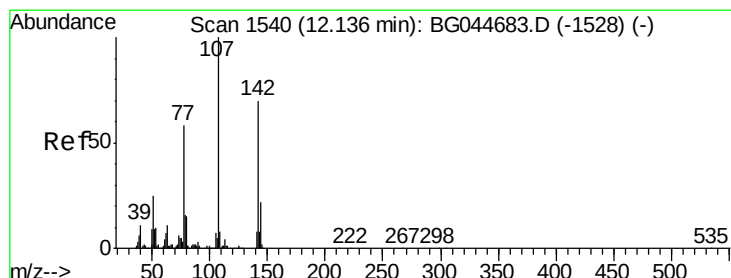
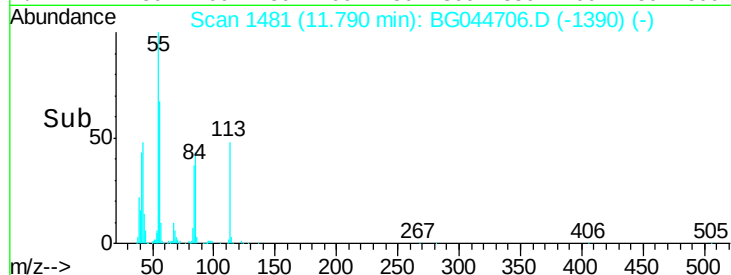
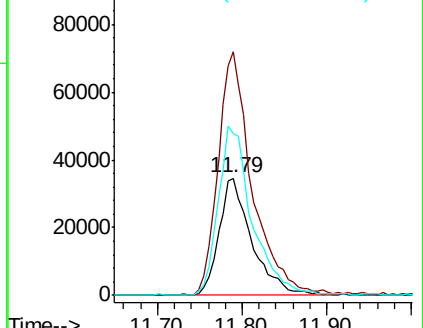
56 138.3 131.4 171.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 35.747 ng

RT: 12.14 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

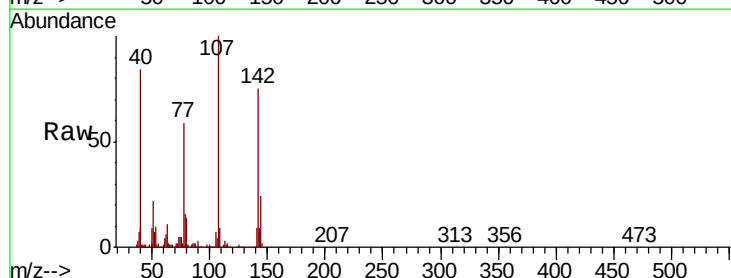
Tgt Ion:107 Resp: 293207

Ion Ratio Lower Upper

107 100

144 24.5 17.9 26.9

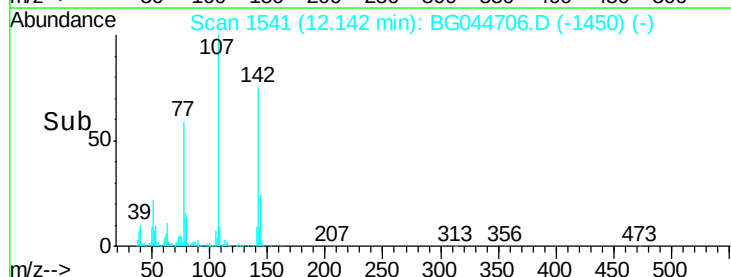
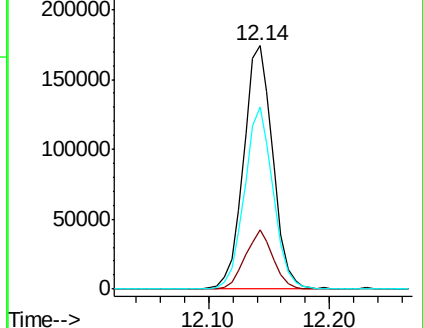
142 74.6 55.8 83.8

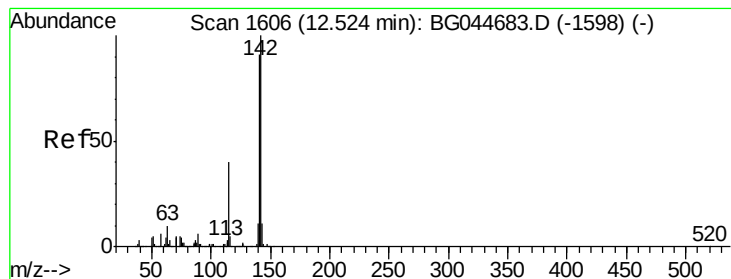


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.223 ng

RT: 12.53 min Scan# 1607

Delta R.T. 0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Instrument :

BNA_G

ClientSampled :

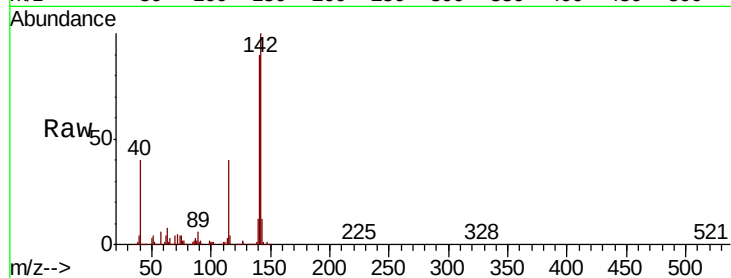
Tot Ion:142 Resp: 606385

Ion Ratio Lower Upper

142 100

141 89.7 72.9 109.3

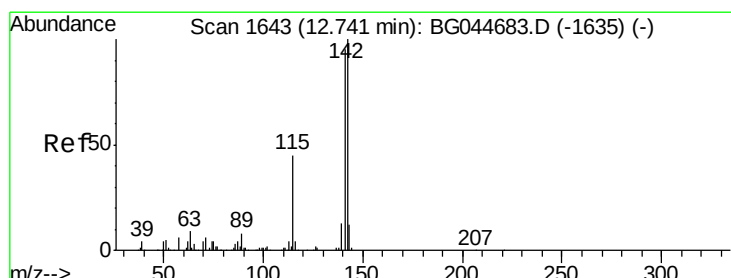
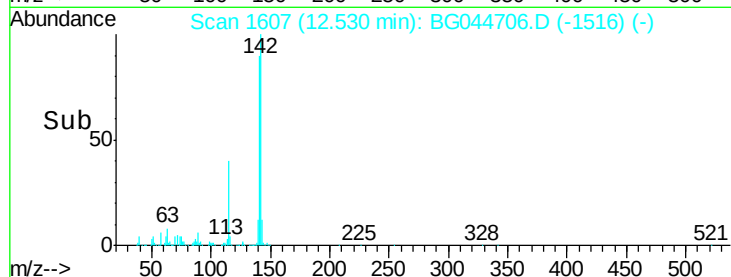
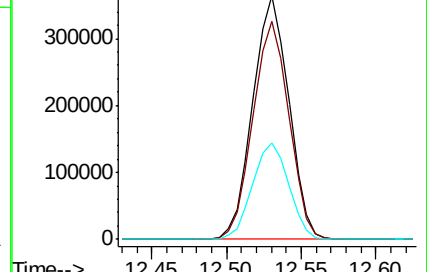
115 39.5 32.3 48.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.760 ng

RT: 12.75 min Scan# 1644

Delta R.T. 0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

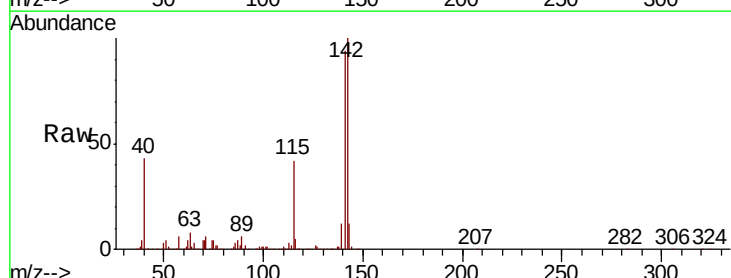
Tgt Ion:142 Resp: 566287

Ion Ratio Lower Upper

142 100

141 93.7 76.2 114.2

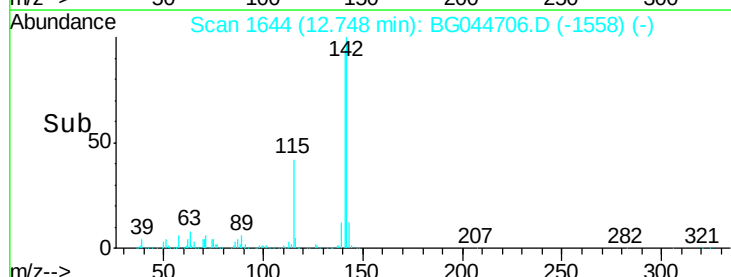
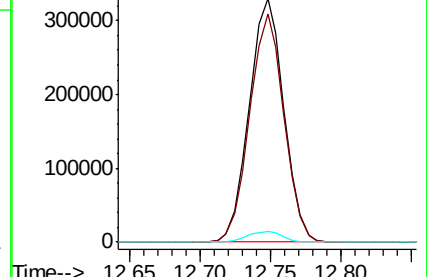
116 4.5 3.4 5.0

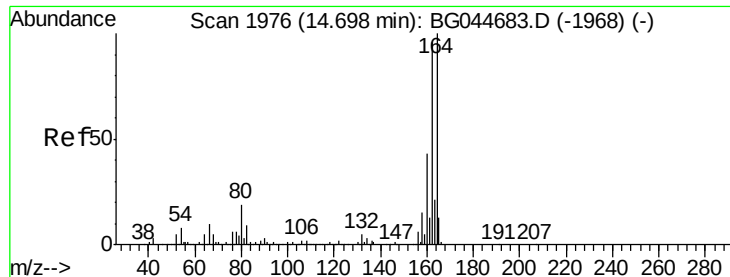


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

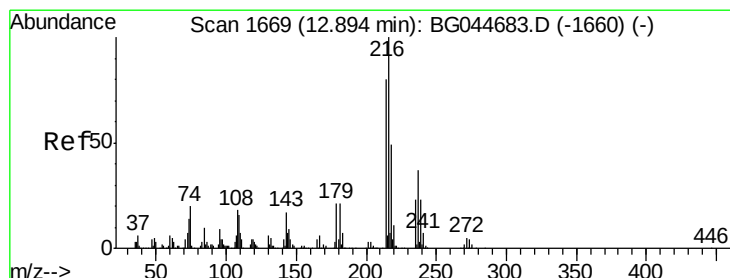
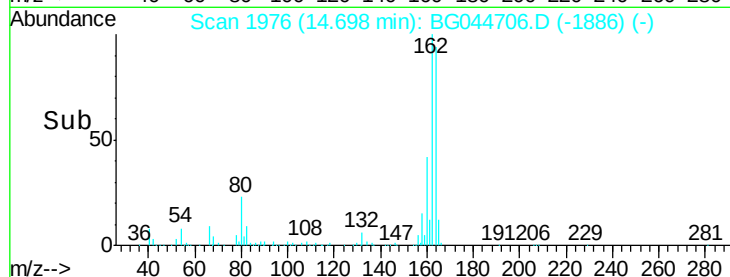
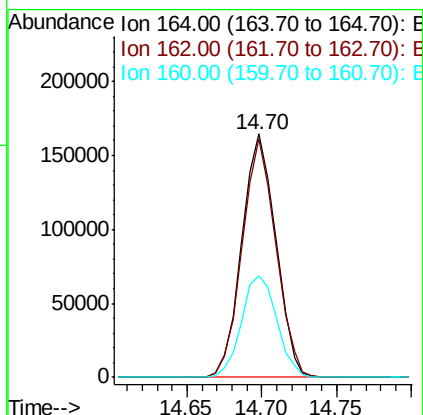
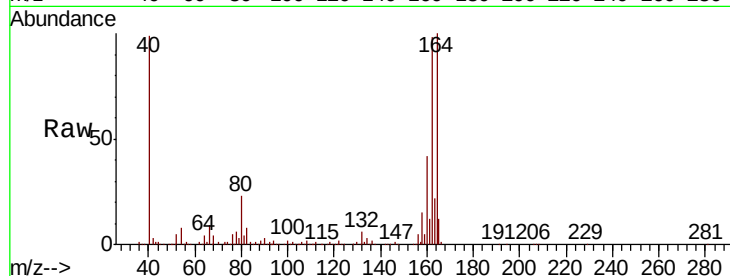




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

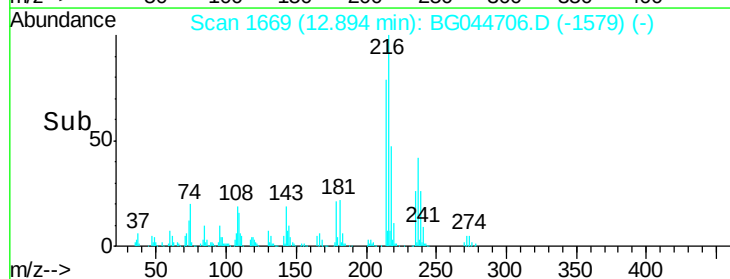
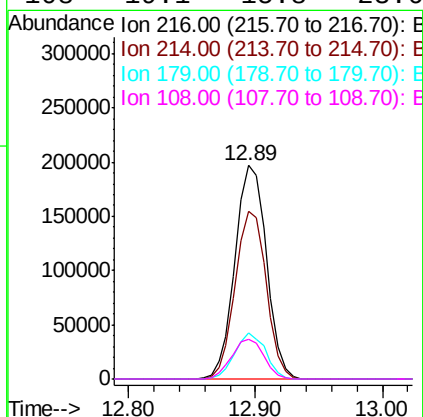
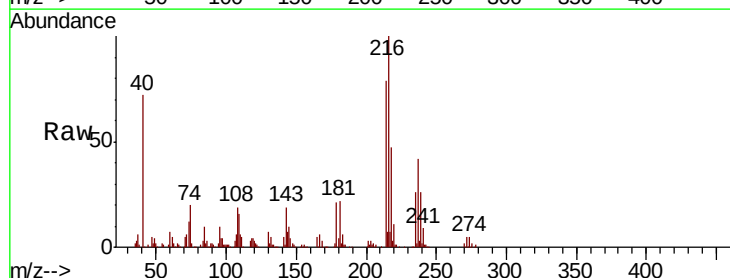
Instrument :
BNA_G
ClientSampleId :

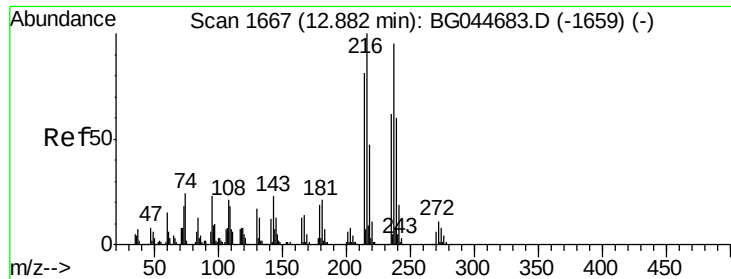
Tot Ion:164 Resp: 259379
Ion Ratio Lower Upper
164 100
162 98.0 76.5 114.7
160 41.6 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.195 ng
RT: 12.89 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

Tgt Ion:216 Resp: 338453
Ion Ratio Lower Upper
216 100
214 77.8 64.5 96.7
179 21.1 16.7 25.1
108 19.1 15.8 23.6

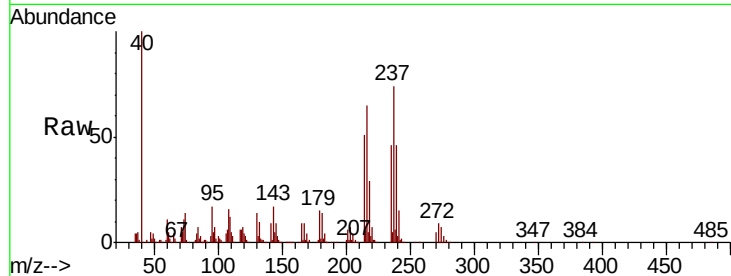




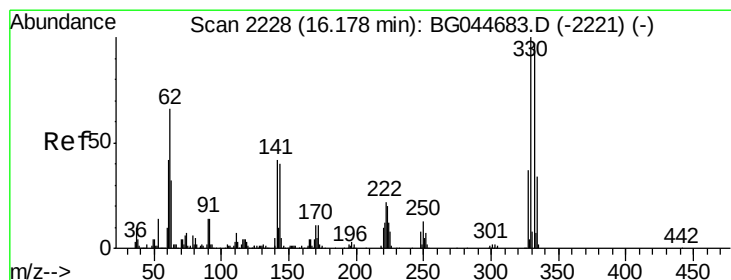
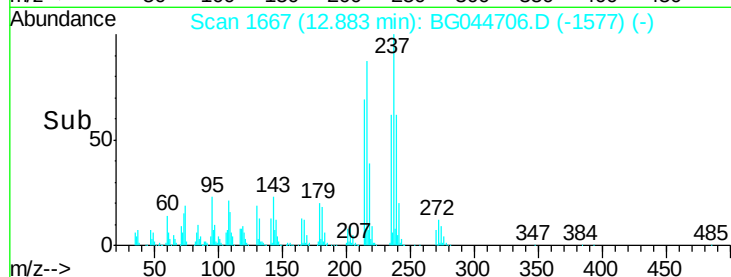
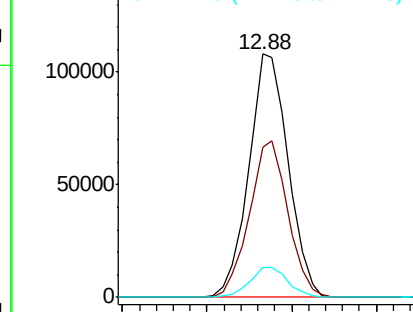
#41
Hexachlorocyclopentadiene
Concen: 35.422 ng
RT: 12.88 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

Instrument :
BNA_G
ClientSampled :

Tot Ion:237 Resp: 174413
Ion Ratio Lower Upper
237 100
235 61.5 44.7 84.7
272 12.4 0.0 31.7

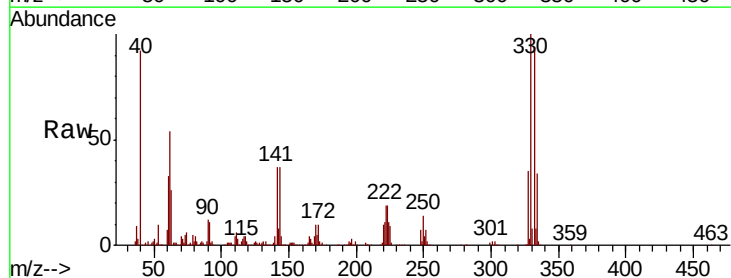


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

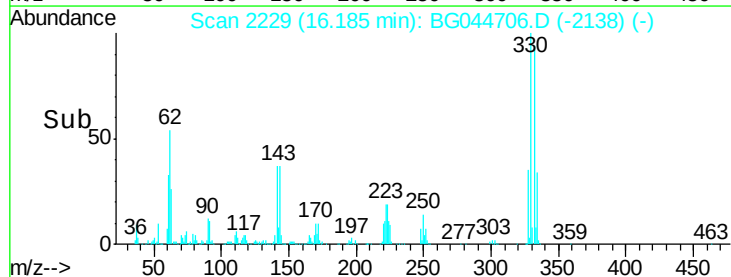
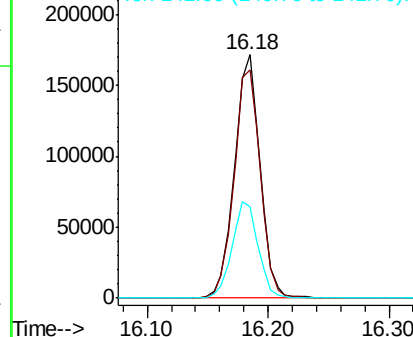


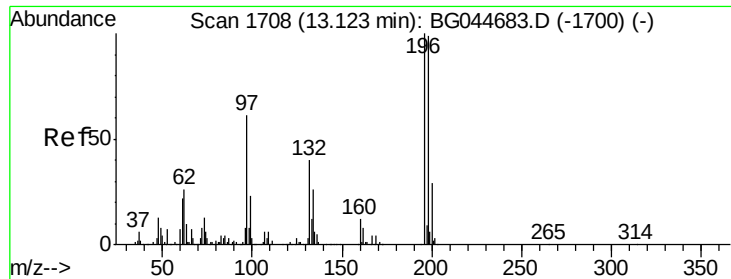
#42
2,4,6-Tribromophenol
Concen: 70.814 ng
RT: 16.18 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

Tgt Ion:330 Resp: 252309
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 40.1 32.4 48.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

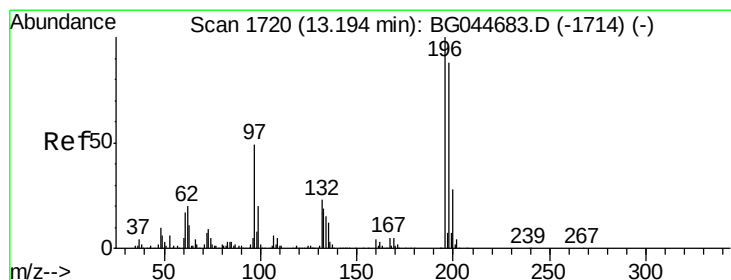
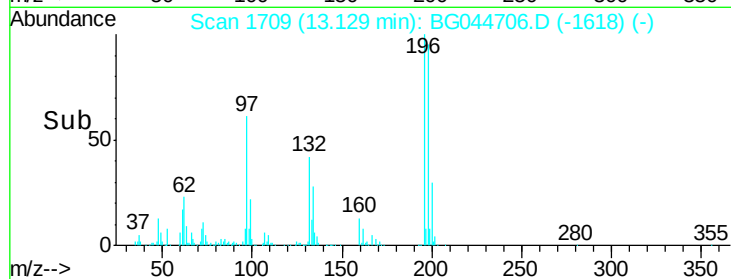
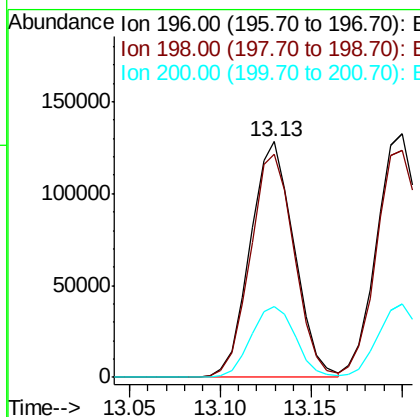
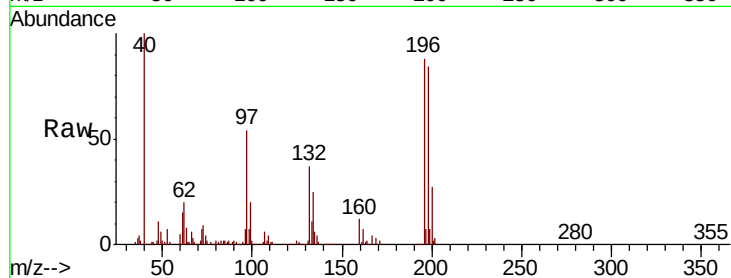




#43
 2,4,6-Trichlorophenol
 Concen: 36.849 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.01 min
 Lab File: BG044706.D
 Acq: 9 Mar 2020 17:54

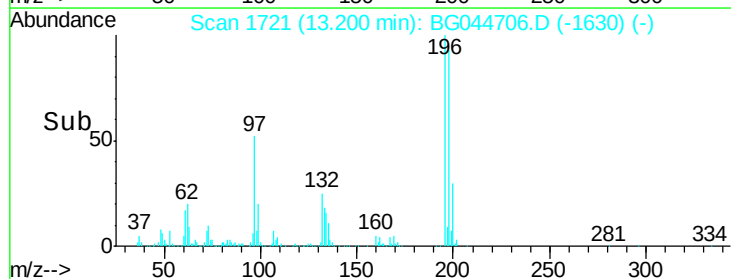
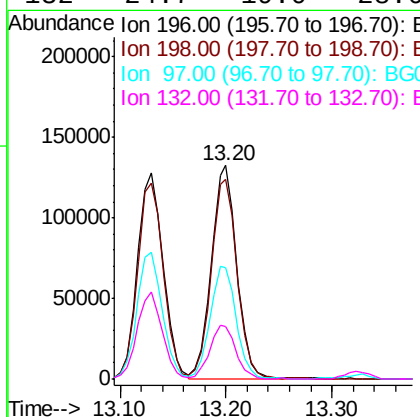
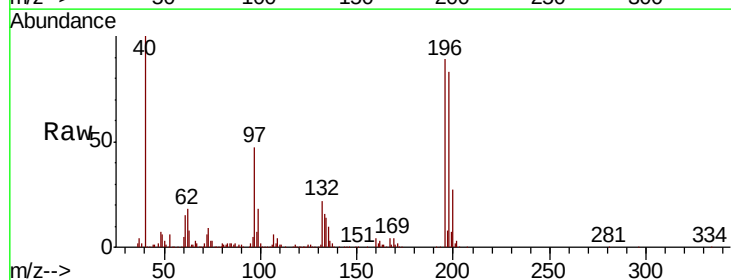
Instrument :
 BNA_G
 ClientSampleId :

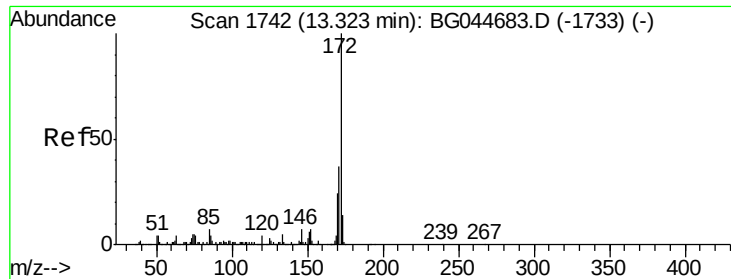
Tot Ion:196 Resp: 215100
 Ion Ratio Lower Upper
 196 100
 198 94.8 79.3 118.9
 200 30.2 23.0 34.6



#44
 2,4,5-Trichlorophenol
 Concen: 37.270 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. 0.01 min
 Lab File: BG044706.D
 Acq: 9 Mar 2020 17:54

Tgt Ion:196 Resp: 223120
 Ion Ratio Lower Upper
 196 100
 198 93.4 70.7 106.1
 97 52.4 39.4 59.2
 132 24.7 19.0 28.6

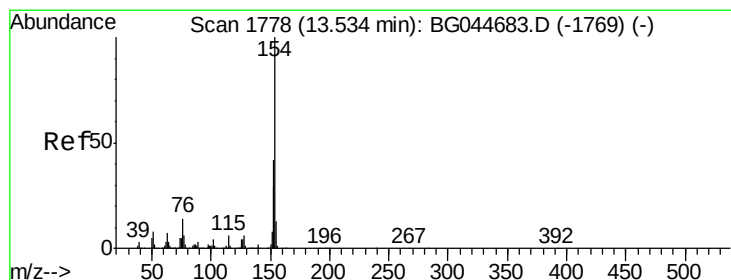
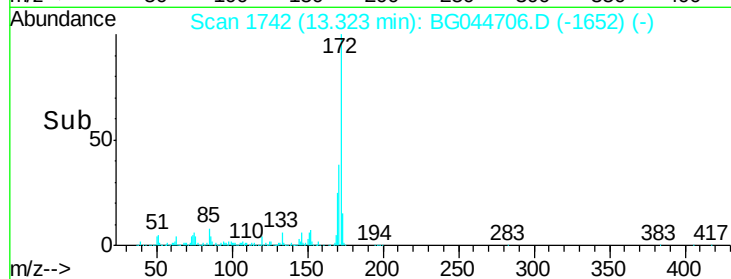
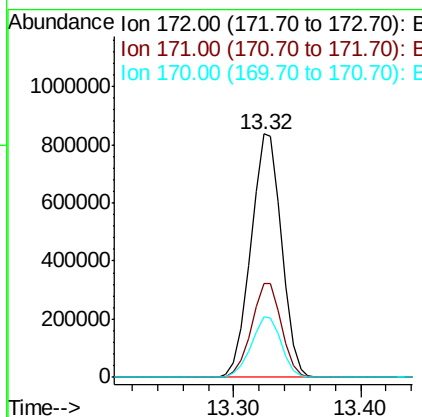
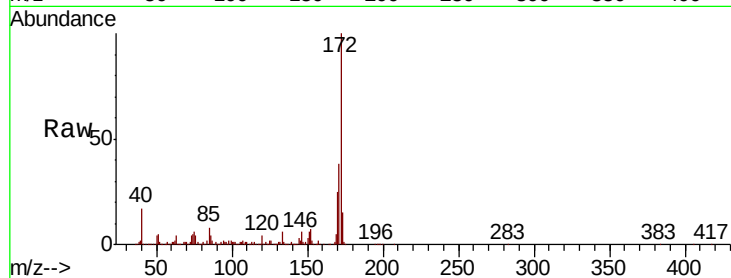




#45
2-Fluorobiphenyl
Concen: 75.532 ng
RT: 13.32 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

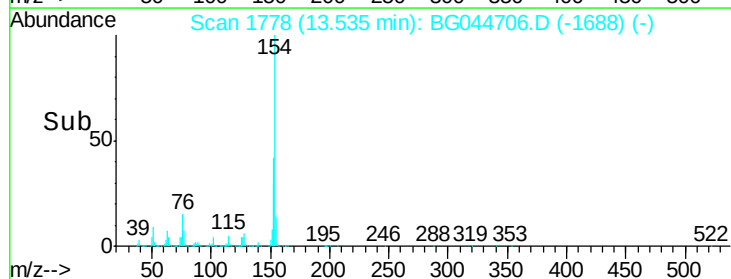
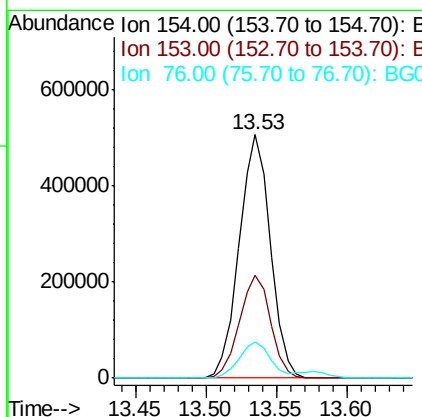
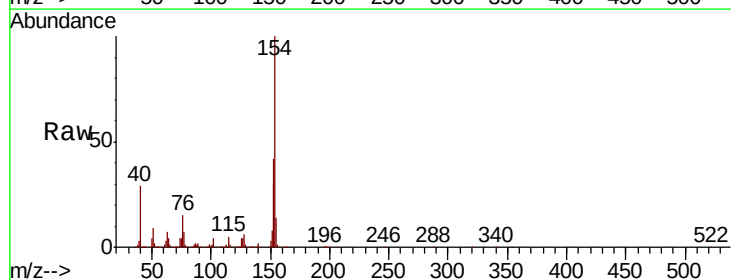
Instrument :
BNA_G
ClientSampleId :

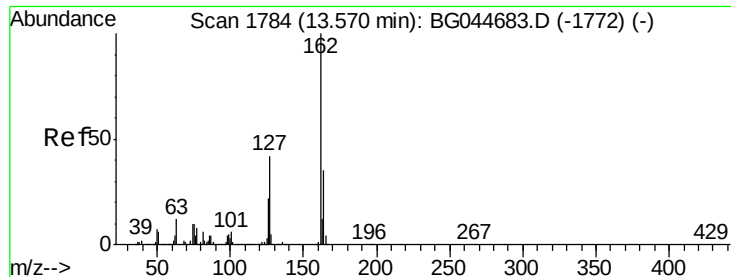
Tot Ion:172 Resp: 1406411
Ion Ratio Lower Upper
172 100
171 38.4 29.8 44.8
170 25.0 19.3 28.9



#46
1,1'-Biphenyl
Concen: 37.716 ng
RT: 13.53 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

Tgt Ion:154 Resp: 778070
Ion Ratio Lower Upper
154 100
153 42.2 22.1 62.1
76 14.7 0.0 34.5

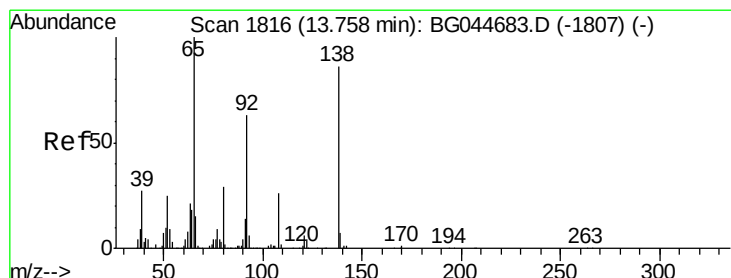
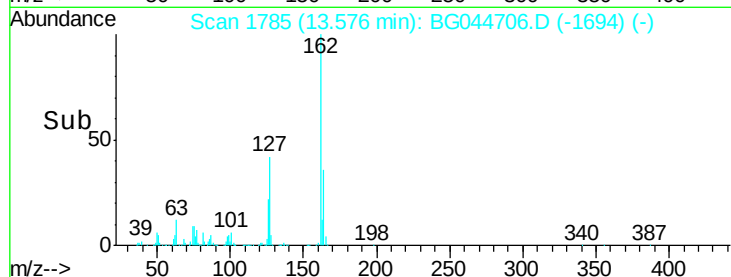
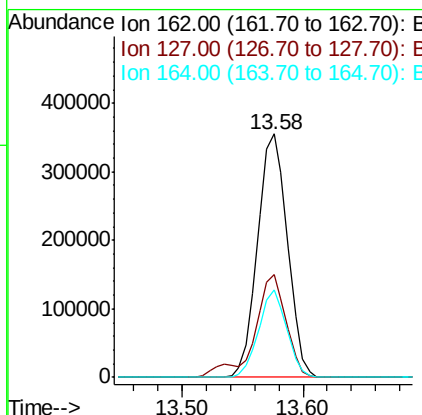
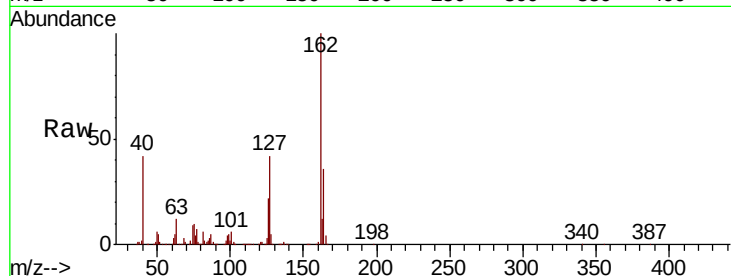




#47
 2-Chloronaphthalene
 Concen: 38.612 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. 0.01 min
 Lab File: BG044706.D
 Acq: 9 Mar 2020 17:54

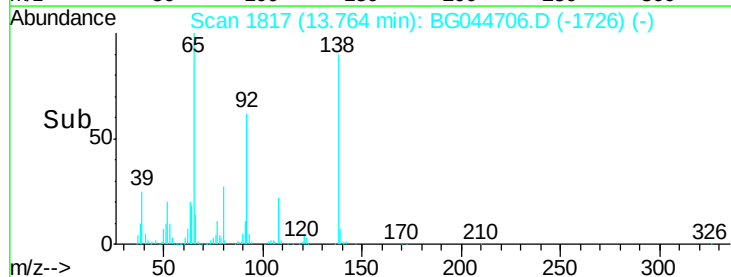
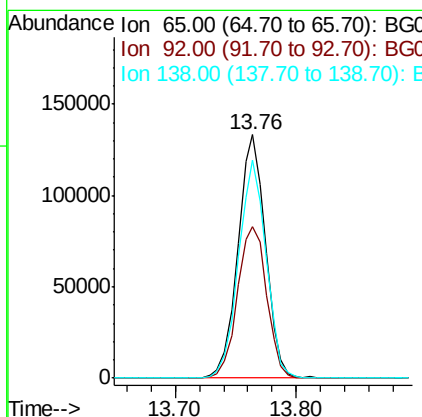
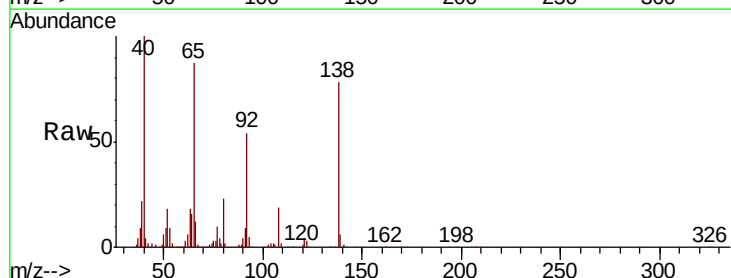
Instrument :
 BNA_G
 ClientSampleId :

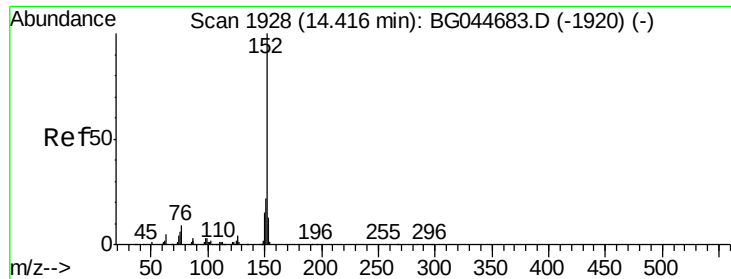
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.9	50.9
164	35.7	28.3	42.5



#48
 2-Nitroaniline
 Concen: 38.403 ng
 RT: 13.76 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: BG044706.D
 Acq: 9 Mar 2020 17:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.1	50.6	75.8
138	89.4	68.8	103.2





#49

Acenaphthylene

Concen: 37.831 ng

RT: 14.42 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Instrument :

BNA_G

ClientSampleId :

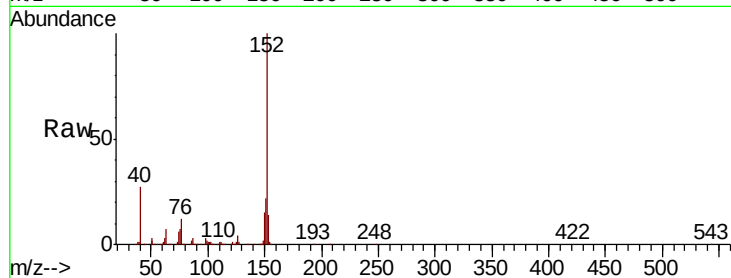
Tot Ion:152 Resp: 953782

Ion Ratio Lower Upper

152 100

151 21.7 17.6 26.4

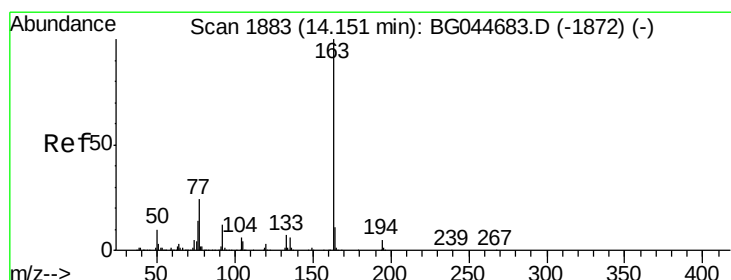
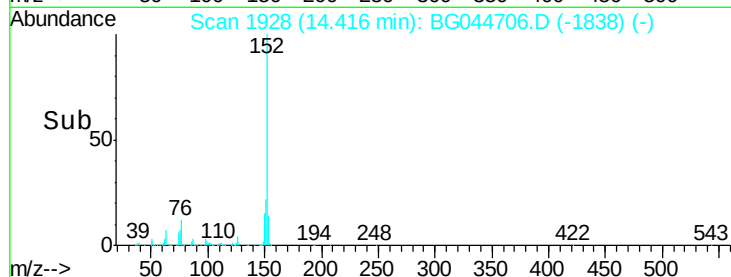
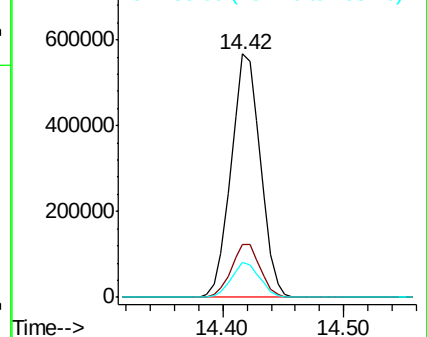
153 14.3 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.195 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

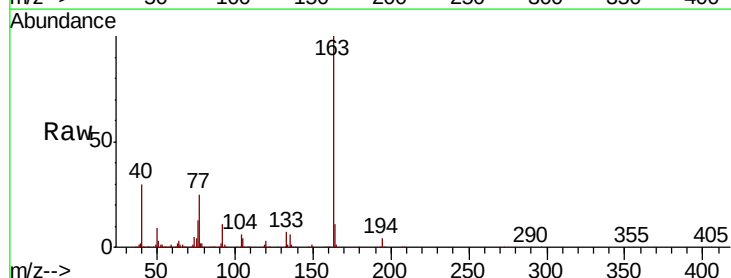
Tgt Ion:163 Resp: 802049

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

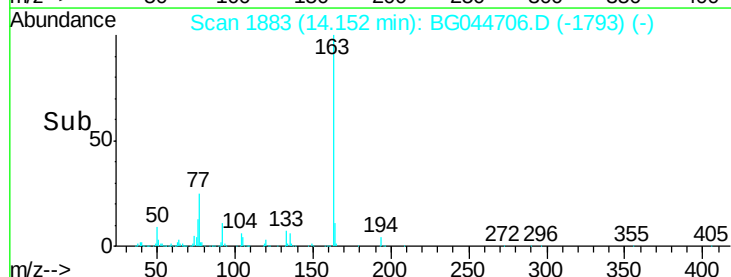
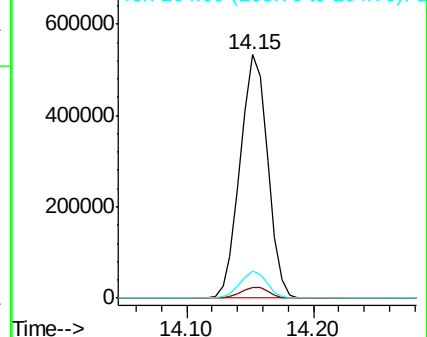
164 11.0 8.6 12.8

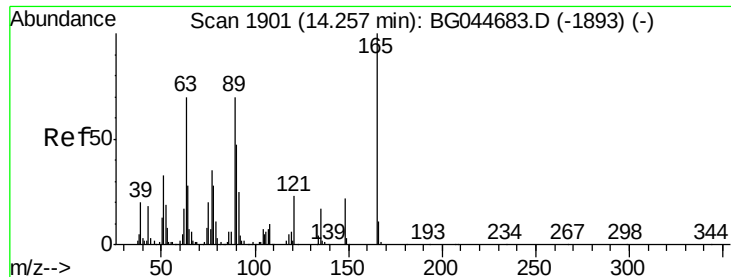


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

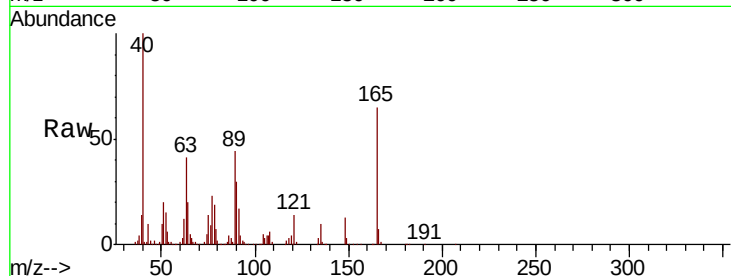




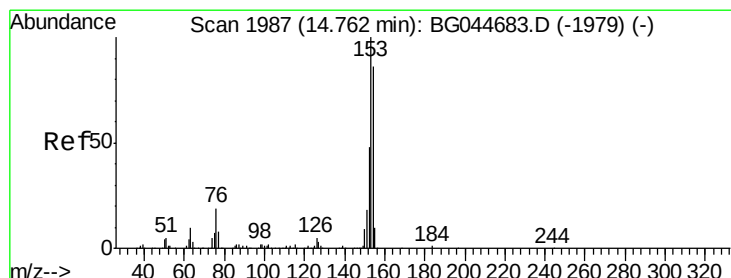
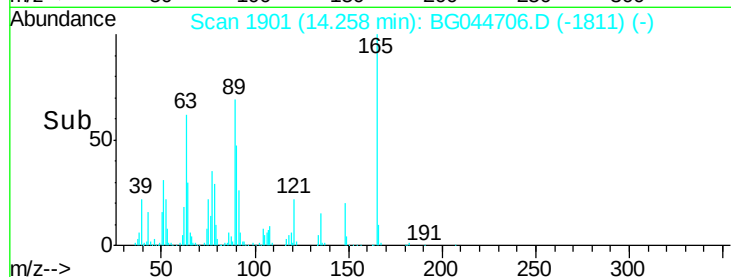
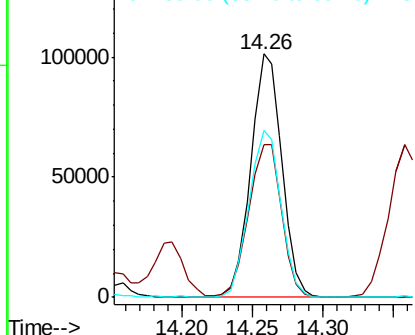
#51
2,6-Dinitrotoluene
Concen: 40.391 ng
RT: 14.26 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.8	57.4	86.0
89	68.5	56.2	84.2

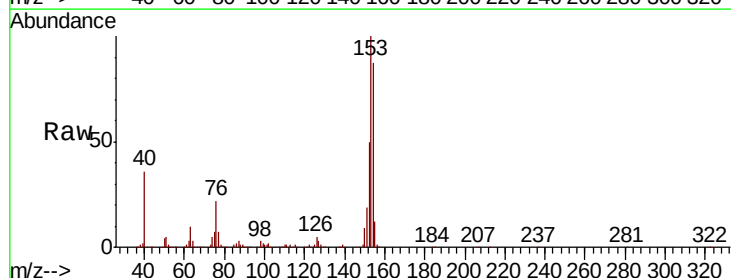


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

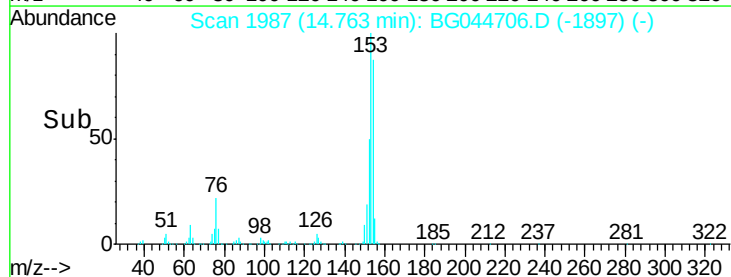
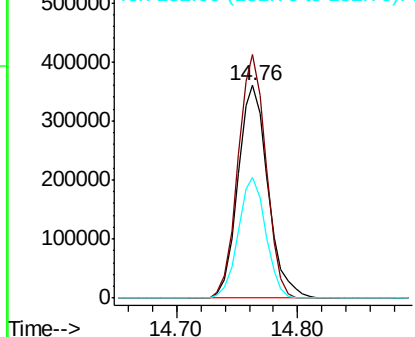


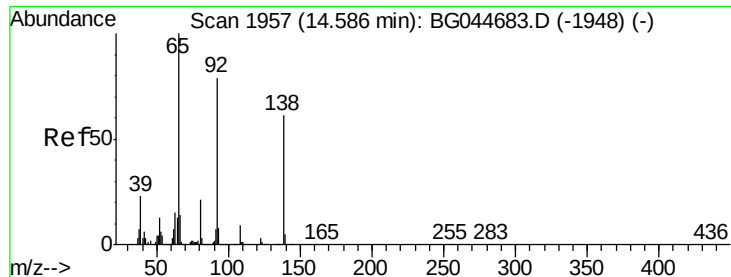
#52
Acenaphthene
Concen: 38.082 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.5	92.6	138.8
152	56.8	44.2	66.4



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: 41.196 ng

RT: 14.59 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Instrument :

BNA_G

ClientSampleId :

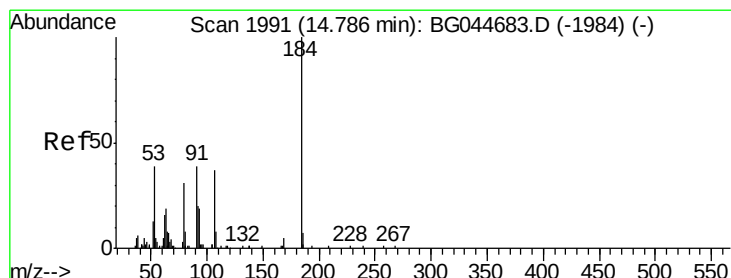
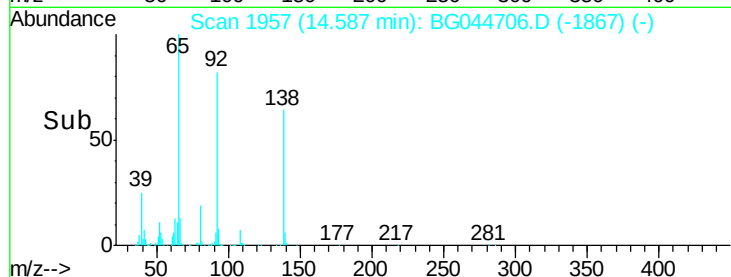
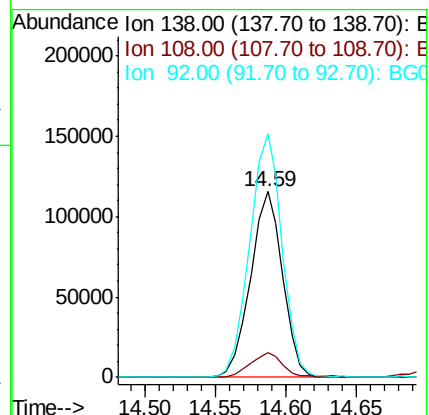
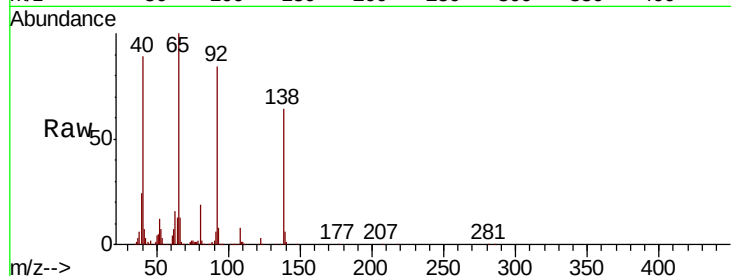
Tot Ion:138 Resp: 183955

Ion Ratio Lower Upper

138 100

108 13.0 12.2 18.4

92 131.1 105.1 157.7



#54

2,4-Dinitrophenol

Concen: 35.287 ng

RT: 14.79 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

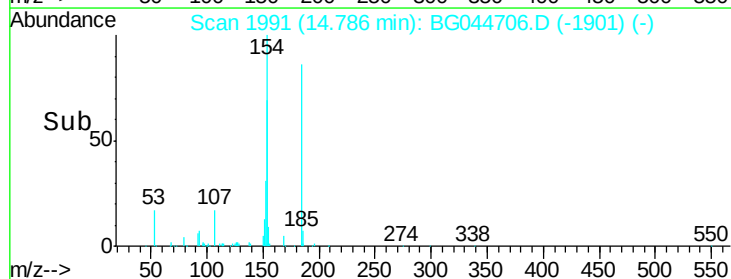
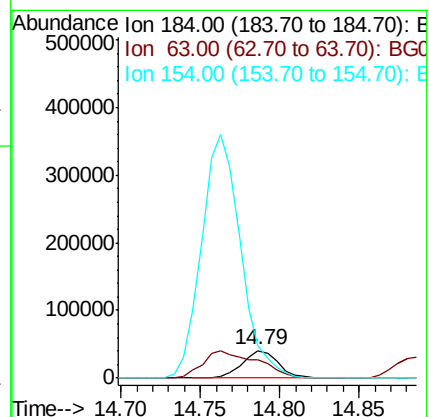
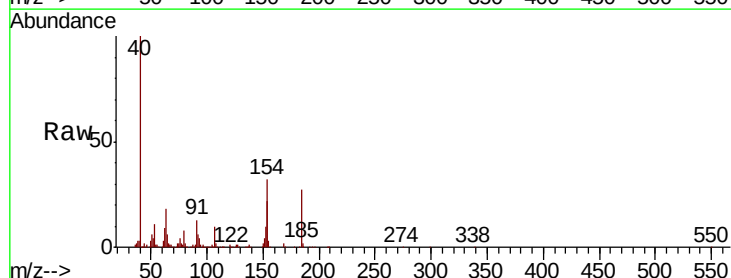
Tgt Ion:184 Resp: 64355

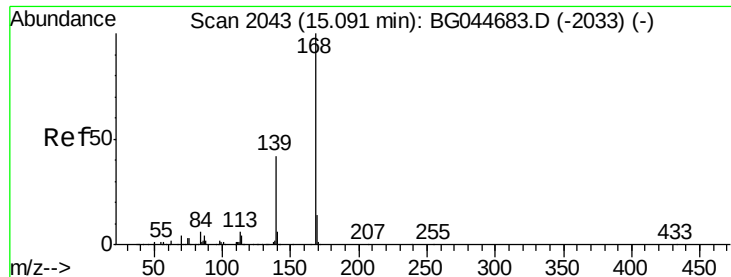
Ion Ratio Lower Upper

184 100

63 64.6 42.4 63.6#

154 116.9 75.0 112.4#





#55

Dibenzofuran

Concen: 37.629 ng

RT: 15.10 min Scan# 2044

Delta R.T. 0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Instrument :

BNA_G

ClientSampleId :

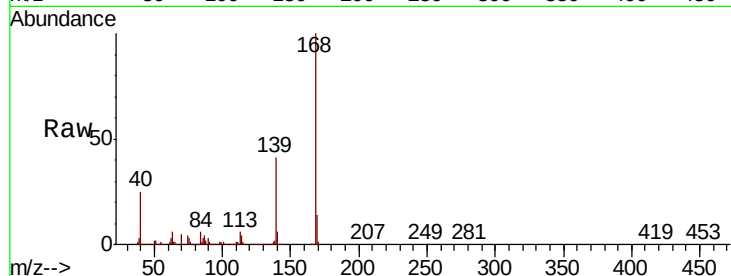
Tot Ion:168 Resp: 919155

Ion Ratio Lower Upper

168 100

139 41.4 33.8 50.6

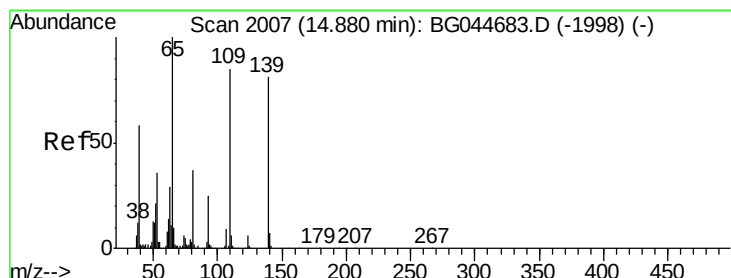
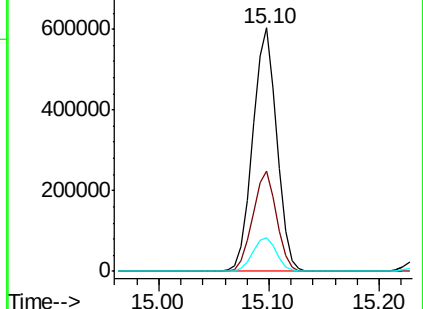
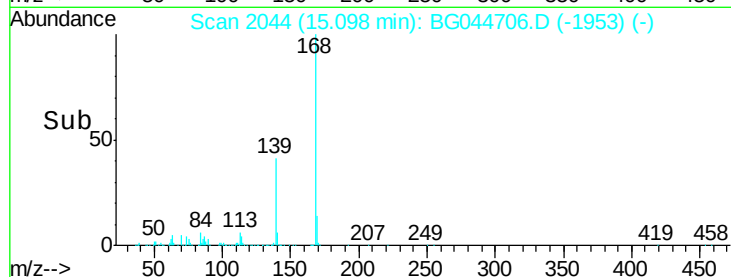
169 14.1 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 40.316 ng

RT: 14.89 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

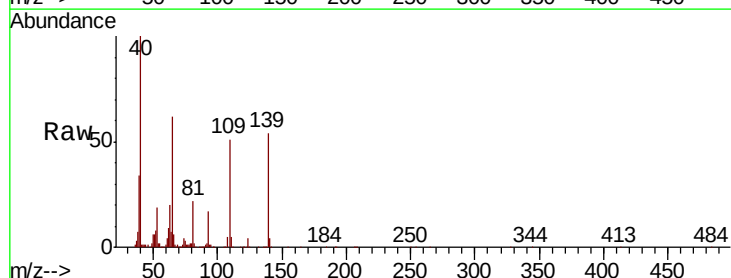
Tgt Ion:139 Resp: 140073

Ion Ratio Lower Upper

139 100

109 94.5 86.0 126.0

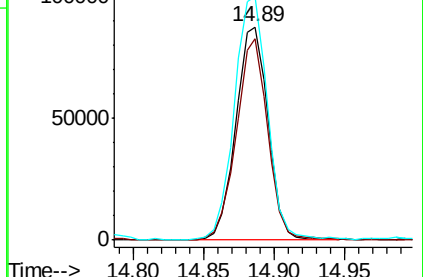
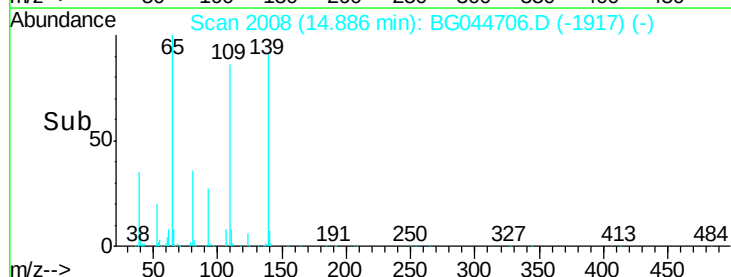
65 114.2 104.5 144.5

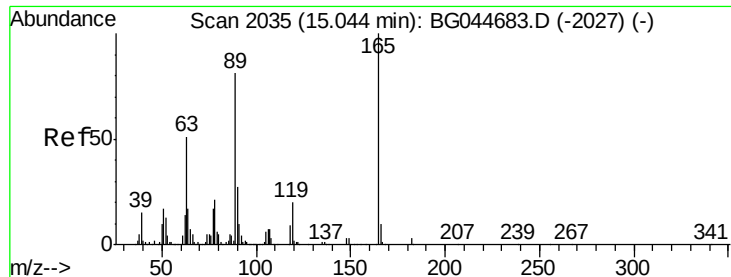


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

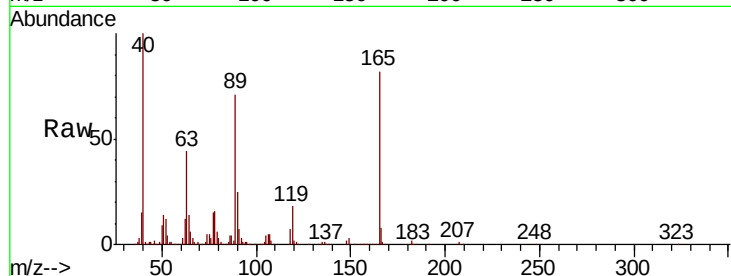




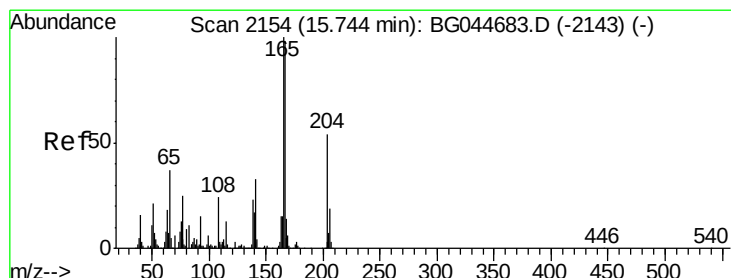
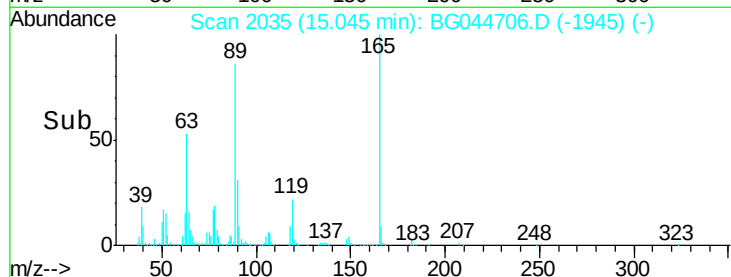
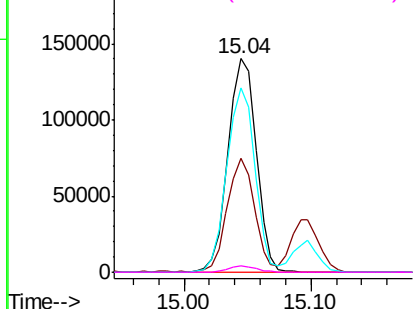
#57
 2,4-Dinitrotoluene
 Concen: 40.176 ng
 RT: 15.04 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BG044706.D
 Acq: 9 Mar 2020 17:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 216773
 Ion Ratio Lower Upper
 165 100
 63 53.1 40.6 61.0
 89 86.0 65.0 97.6
 182 3.0 2.4 3.6

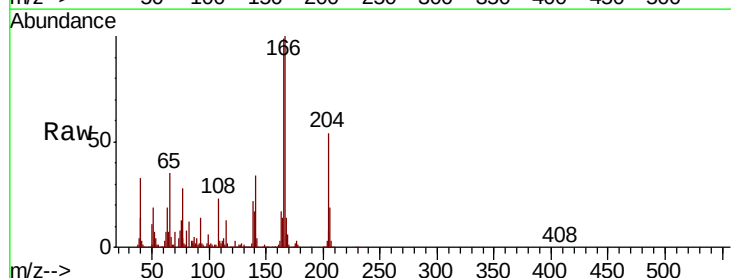


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

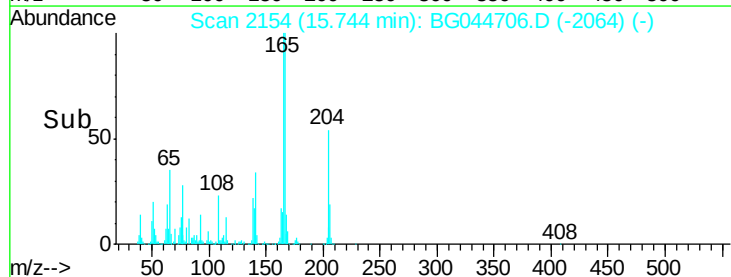
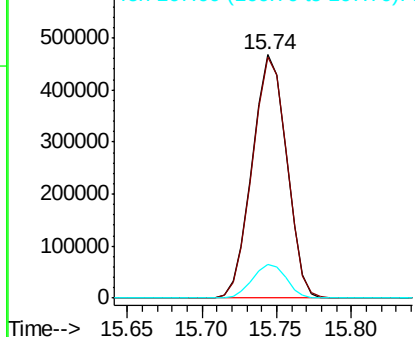


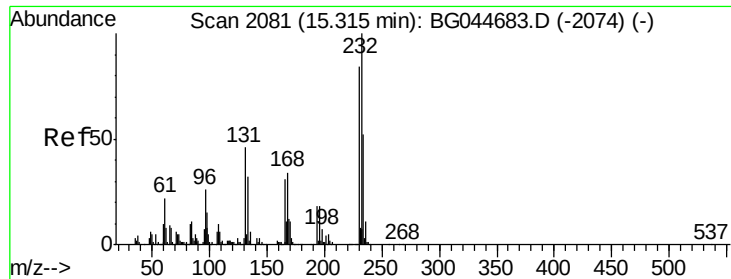
#58
 Fluorene
 Concen: 36.861 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG044706.D
 Acq: 9 Mar 2020 17:54

Tgt Ion:166 Resp: 744719
 Ion Ratio Lower Upper
 166 100
 165 99.2 81.3 121.9
 167 14.1 11.0 16.6



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

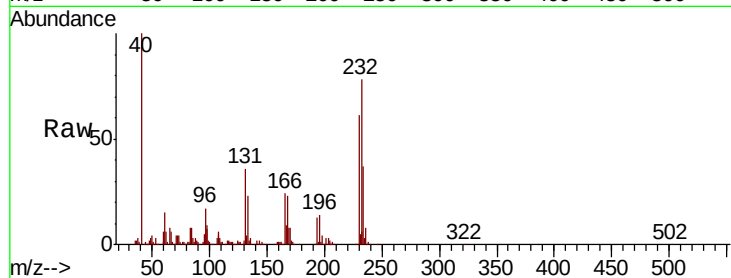




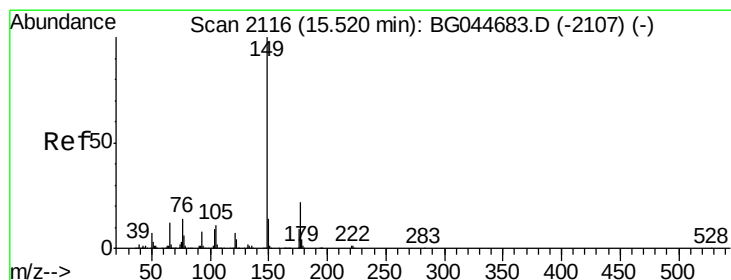
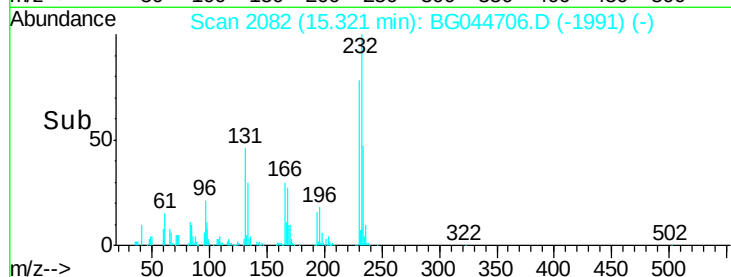
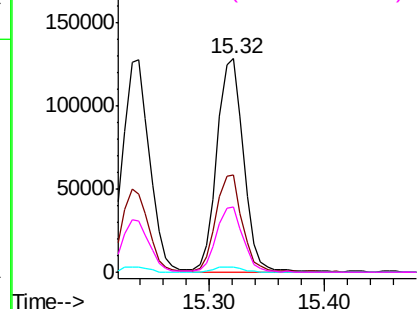
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.976 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. 0.01 min
 Lab File: BG044706.D
 Acq: 9 Mar 2020 17:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	204979	
Ion Ratio	Lower	Upper	
232 100			
131 45.4	33.0	49.6	
130 2.7	2.2	3.2	
166 30.4	20.4	30.6	

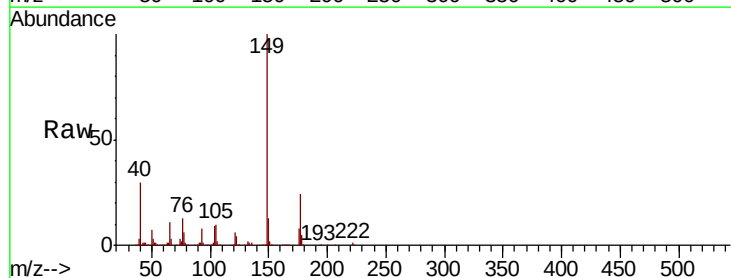


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

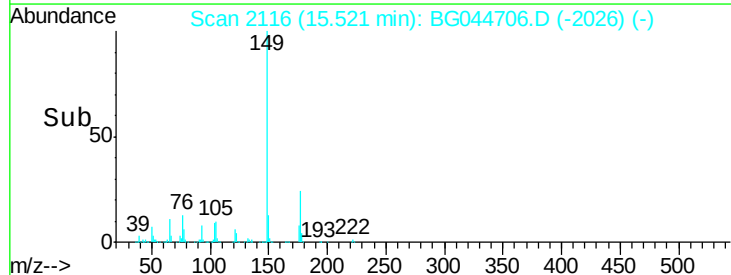
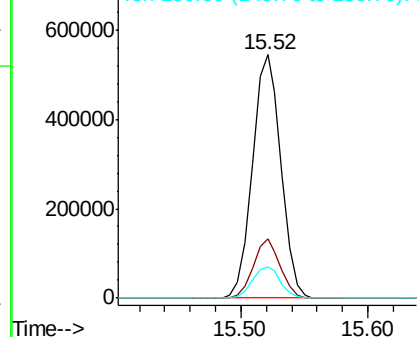


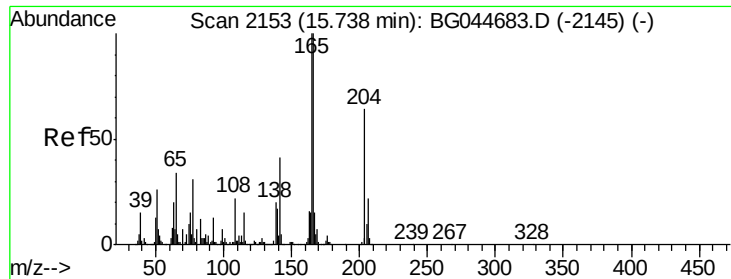
#60
 Diethylphthalate
 Concen: 36.695 ng
 RT: 15.52 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BG044706.D
 Acq: 9 Mar 2020 17:54

Tgt Ion	149	Resp: Lower	845981 Upper
149	100		
177	24.2	17.5	26.3
150	12.6	10.8	16.2



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

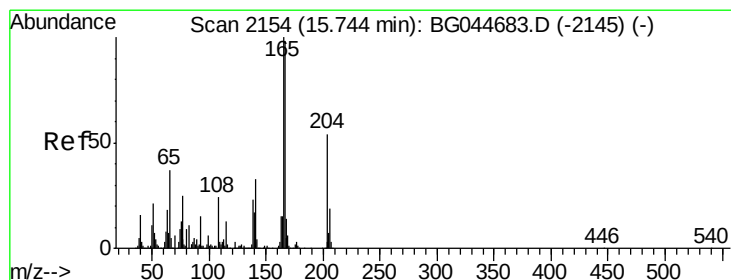
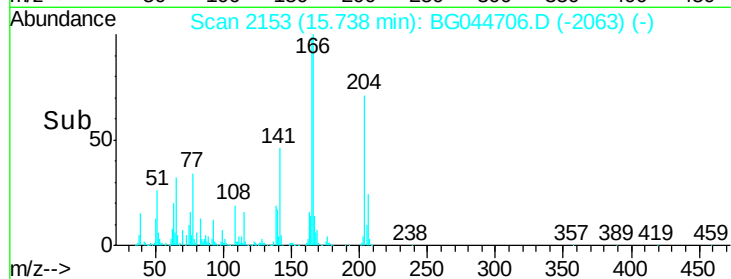
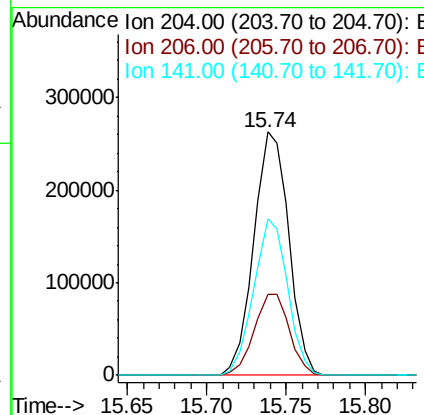
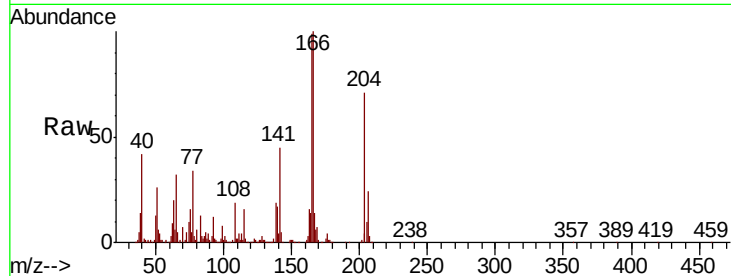




#61
 4-Chlorophenyl-phenylether
 Concen: 36.816 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BG044706.D
 Acq: 9 Mar 2020 17:54

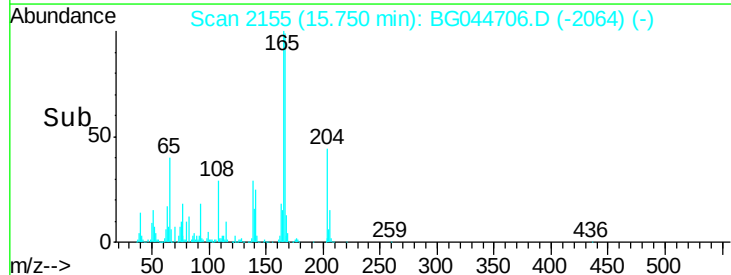
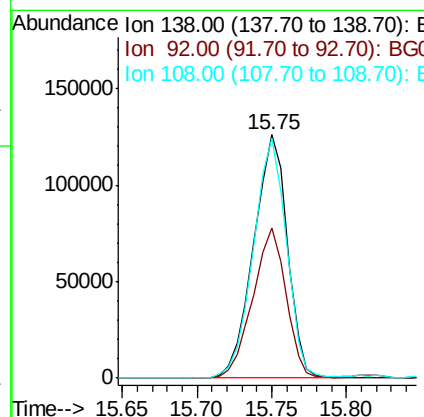
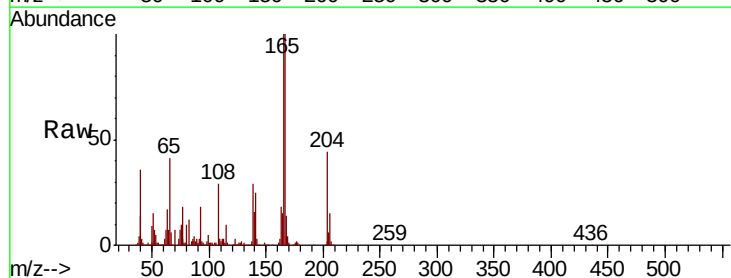
Instrument :
 BNA_G
 ClientSampleId :

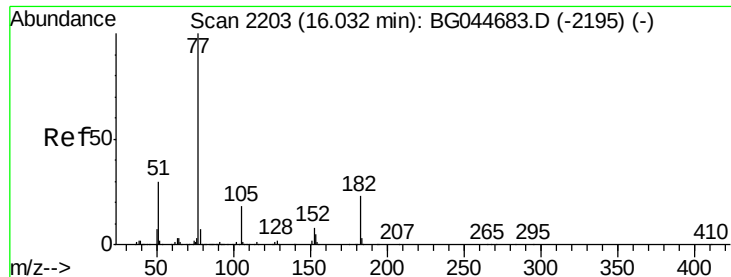
Tot Ion:204 Resp: 403610
 Ion Ratio Lower Upper
 204 100
 206 33.3 27.7 41.5
 141 64.3 51.0 76.4



#62
 4-Nitroaniline
 Concen: 39.965 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.01 min
 Lab File: BG044706.D
 Acq: 9 Mar 2020 17:54

Tgt Ion:138 Resp: 196560
 Ion Ratio Lower Upper
 138 100
 92 61.7 43.1 83.1
 108 98.6 85.2 125.2





#63

Azobenzene

Concen: 36.240 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 874344

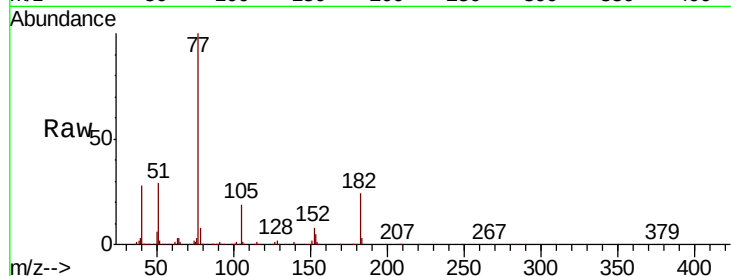
Ion Ratio Lower Upper

77 100

182 24.1 2.7 42.7

105 18.7 0.0 38.1

51 29.2 10.3 50.3

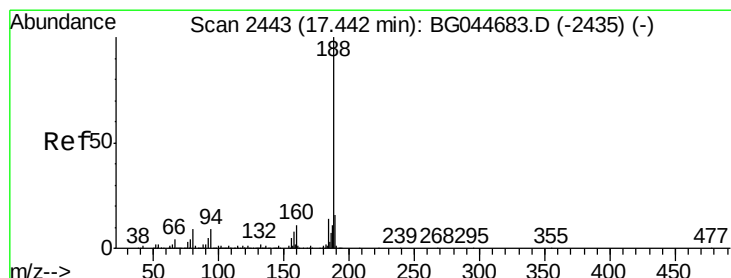
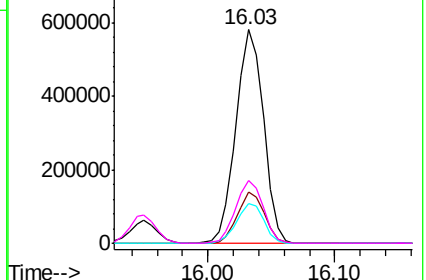
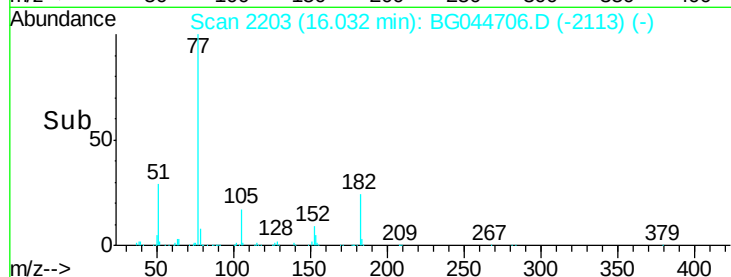


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

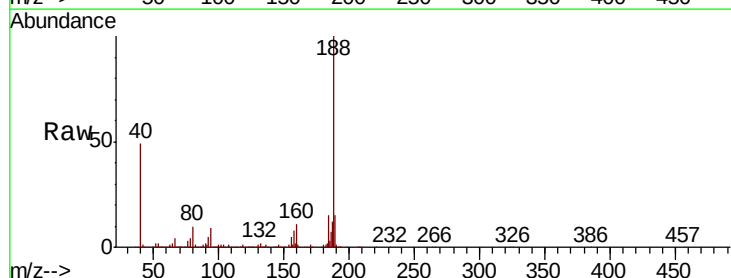
Tgt Ion: 188 Resp: 568445

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.0

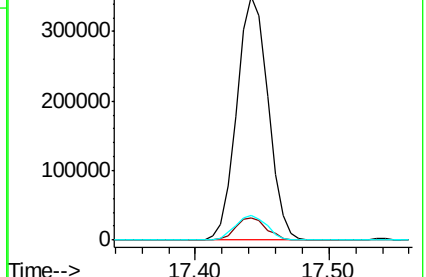
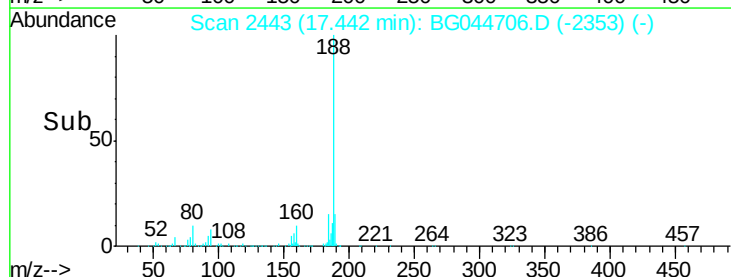
80 10.3 7.3 10.9

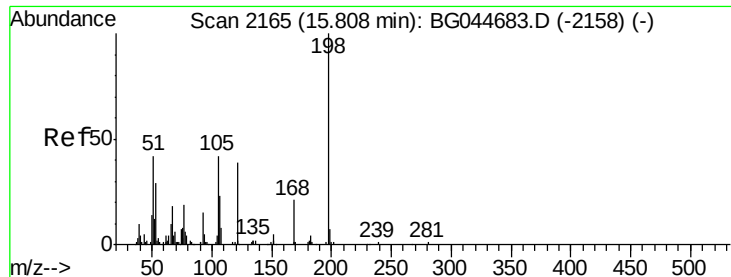


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 37.020 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

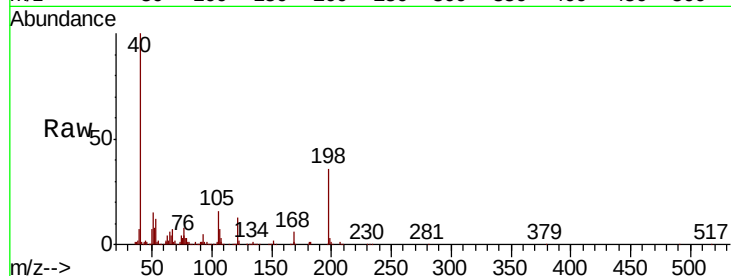
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 87198

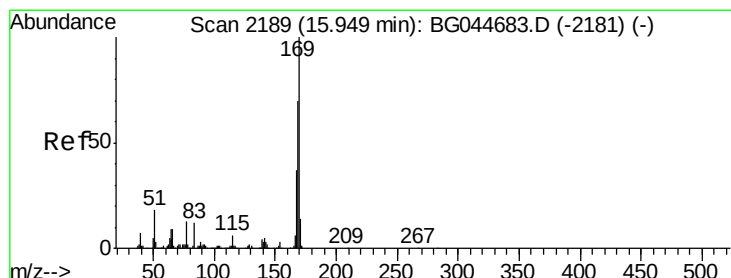
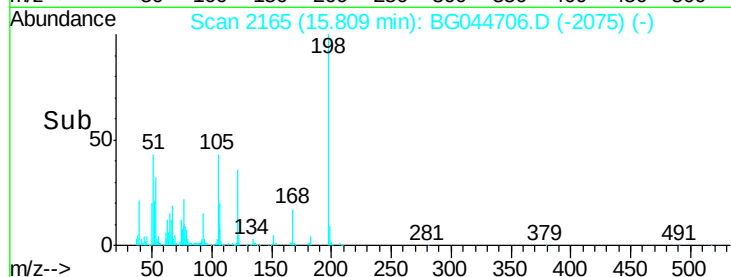
Ion	Ratio	Lower	Upper
198	100		
51	43.3	27.1	67.1
105	44.0	23.6	63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG044706.D (-2075) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.378 ng

RT: 15.95 min Scan# 2189

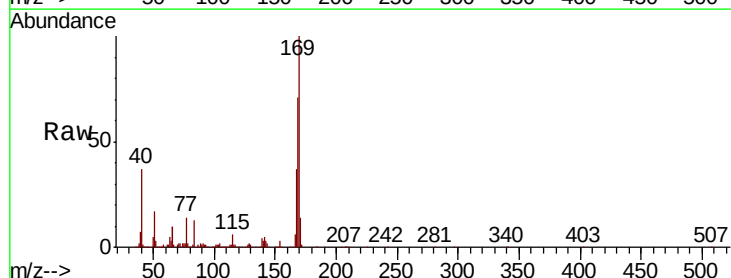
Delta R.T. 0.00 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Tgt Ion:169 Resp: 667019

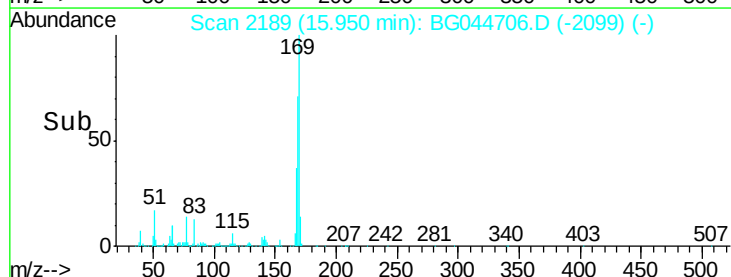
Ion	Ratio	Lower	Upper
169	100		
168	70.9	56.2	84.2
167	37.0	29.4	44.2



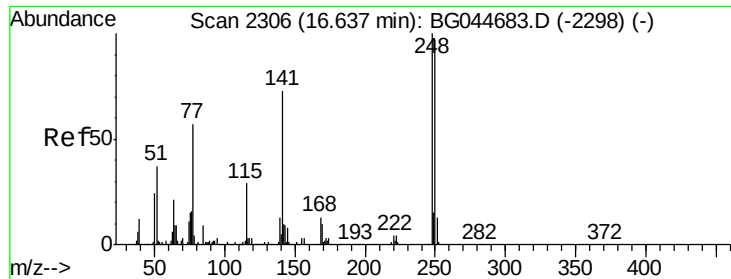
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



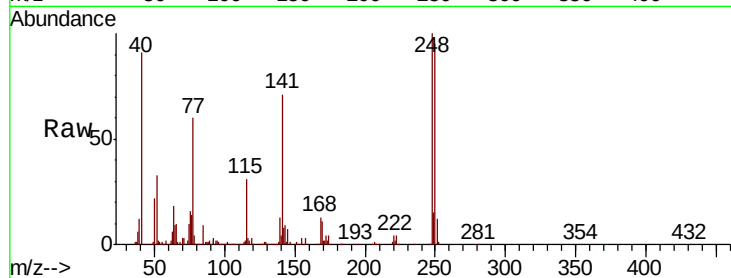
Time-->



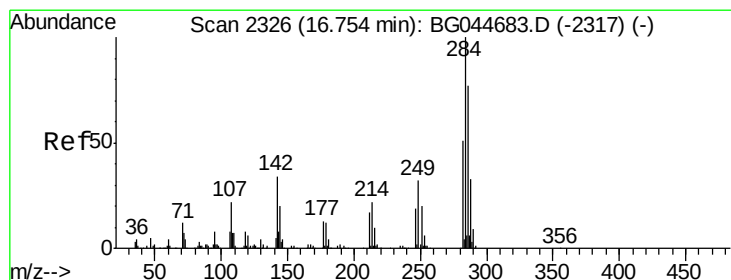
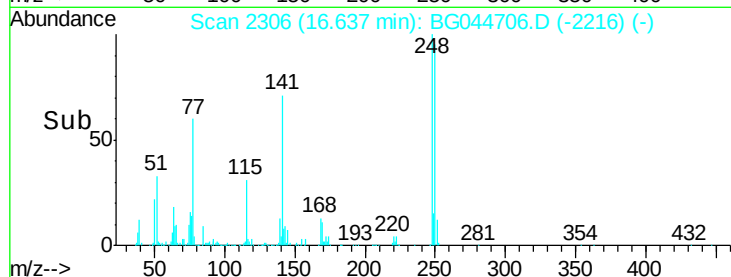
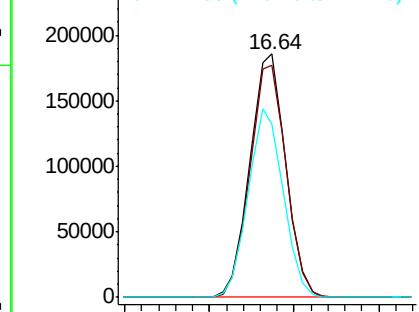
#67
4-Bromophenyl-phenylether
Concen: 38.069 ng
RT: 16.64 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 272925
Ion Ratio Lower Upper
248 100
250 95.5 77.4 116.2
141 71.2 58.1 87.1

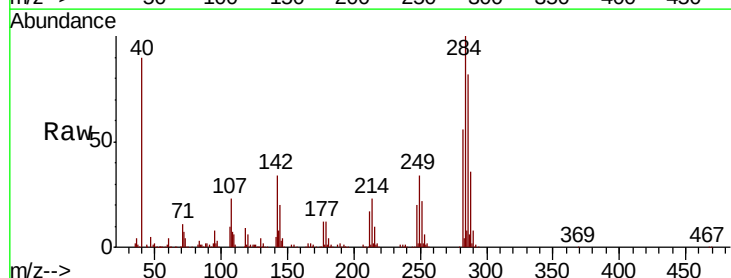


Abundance Ion 248.00 (247.70 to 248.70): E
250000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

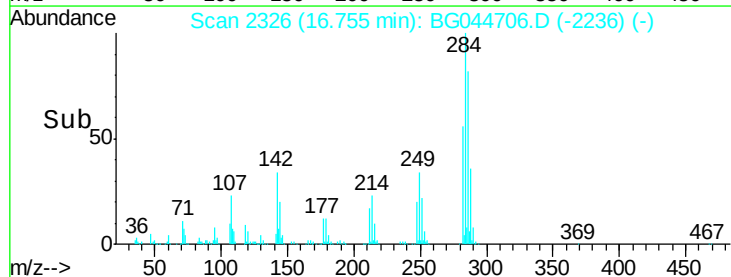
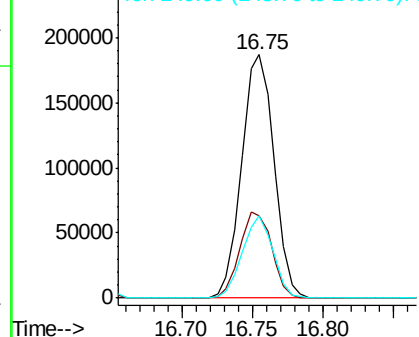


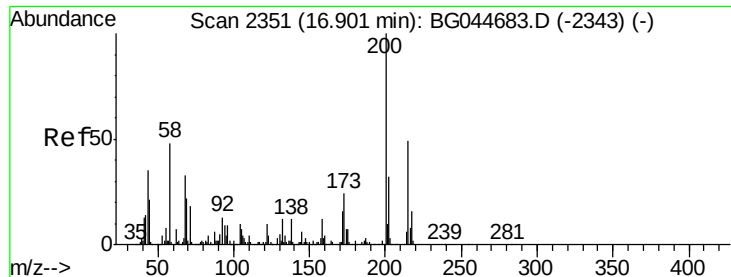
#68
Hexachlorobenzene
Concen: 38.755 ng
RT: 16.75 min Scan# 2326
Delta R.T. 0.00 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

Tgt Ion:284 Resp: 300010
Ion Ratio Lower Upper
284 100
142 33.9 27.2 40.8
249 33.6 25.7 38.5



Abundance Ion 283.80 (283.50 to 284.50): E
250000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.380 ng

RT: 16.90 min Scan# 2351

Delta R.T. 0.00 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Instrument :

BNA_G

ClientSampleId :

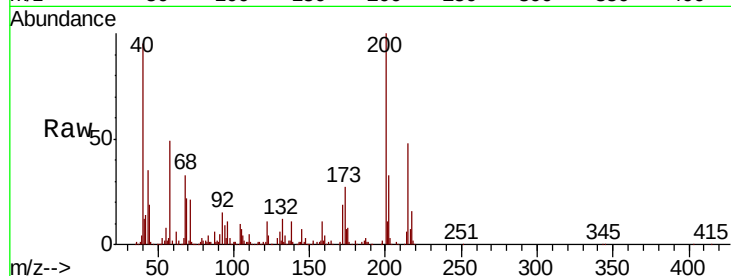
Tot Ion:200 Resp: 257781

Ion Ratio Lower Upper

200 100

173 26.9 4.0 44.0

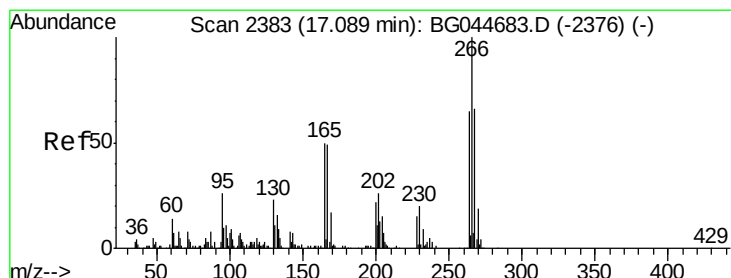
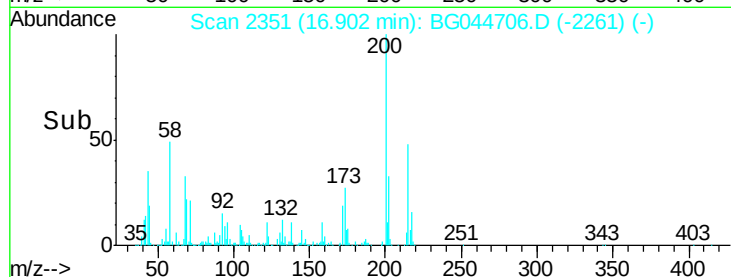
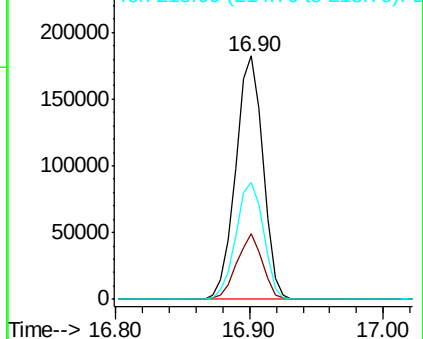
215 47.9 29.1 69.1



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: 35.540 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

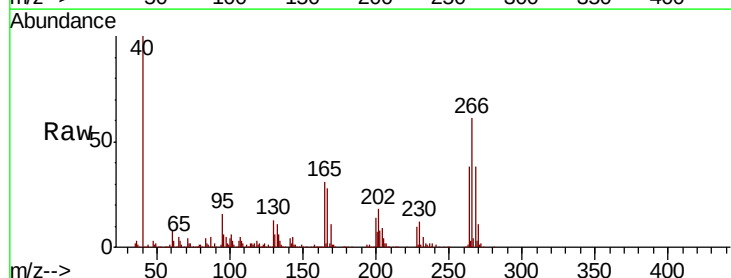
Tgt Ion:266 Resp: 156117

Ion Ratio Lower Upper

266 100

268 62.2 52.7 79.1

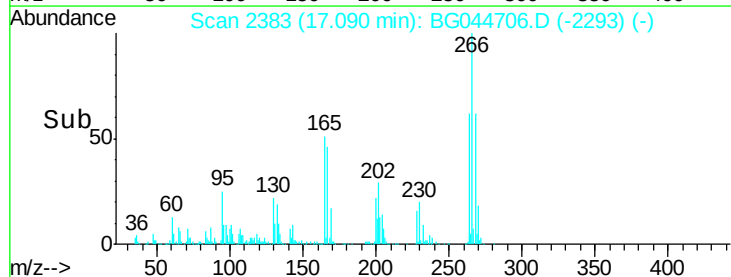
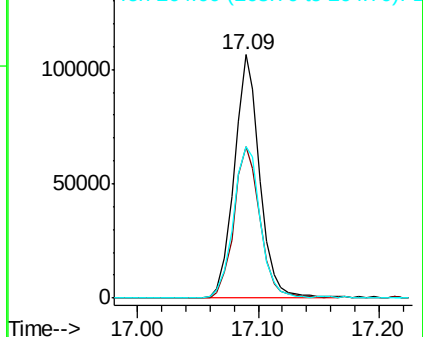
264 62.2 52.3 78.5

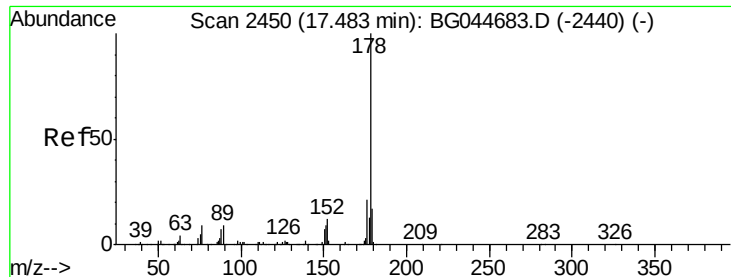


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

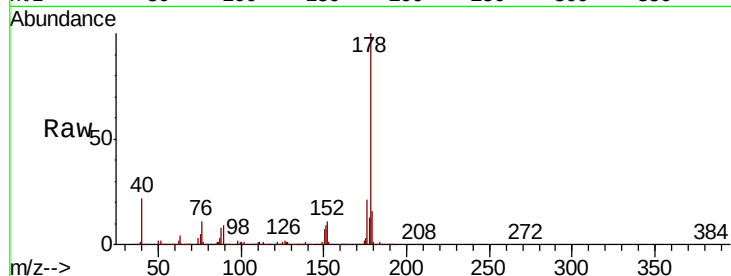




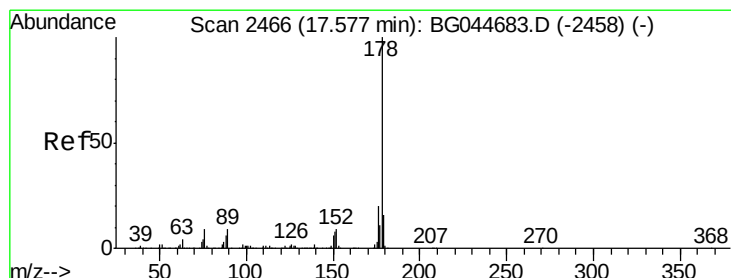
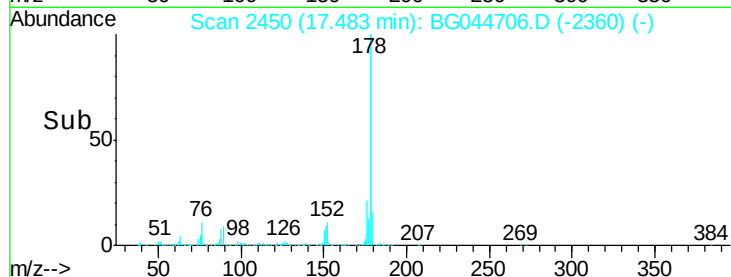
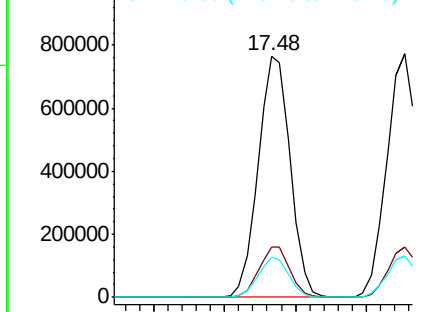
#71
Phenanthrene
Concen: 39.095 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 1218555
Ion Ratio Lower Upper
178 100
176 21.1 16.5 24.7
179 16.5 13.8 20.8

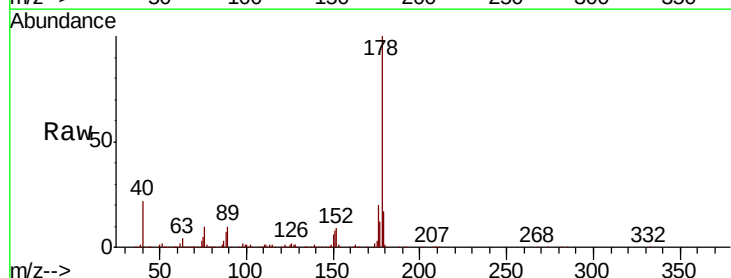


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

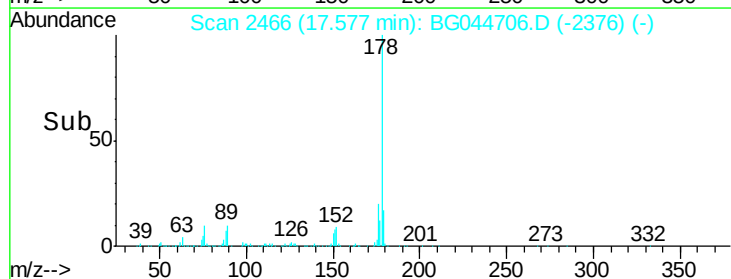
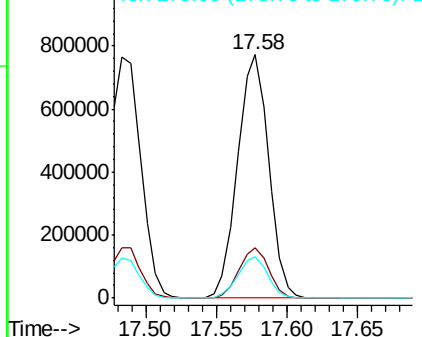


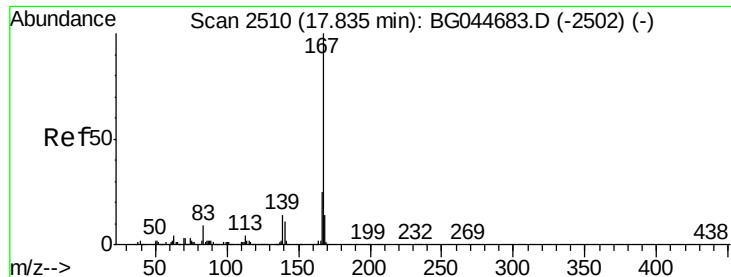
#72
Anthracene
Concen: 38.711 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

Tgt Ion:178 Resp: 1188422
Ion Ratio Lower Upper
178 100
176 20.5 15.7 23.5
179 16.8 12.6 19.0



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

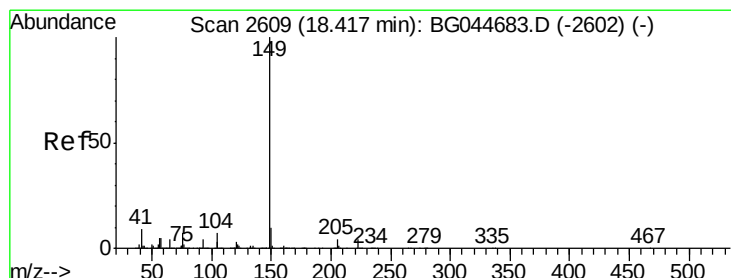
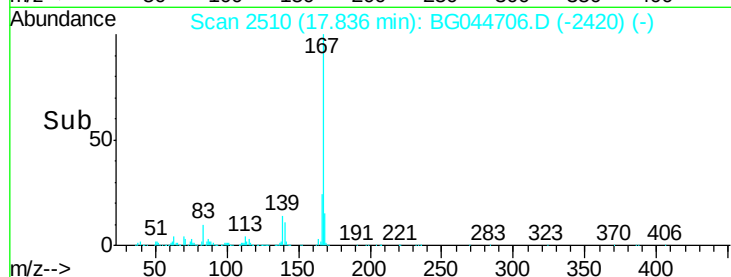
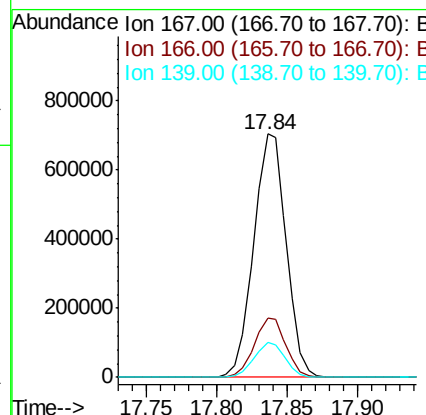
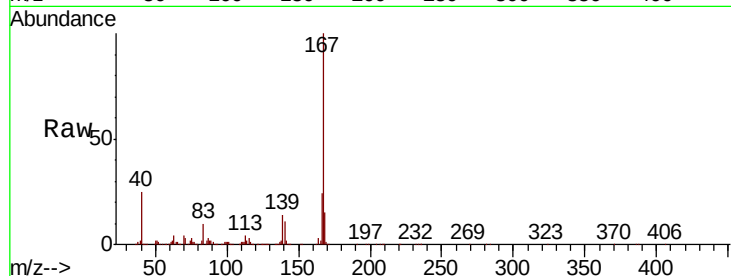




#73
 Carbazole
 Concen: 38.676 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG044706.D
 Acq: 9 Mar 2020 17:54

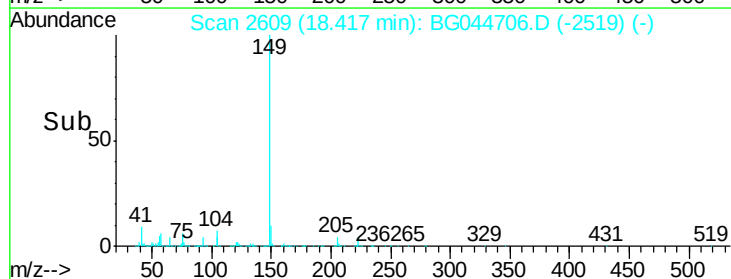
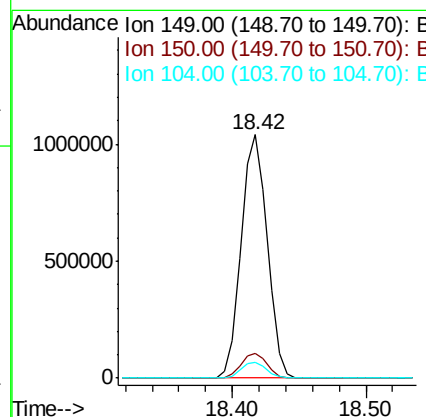
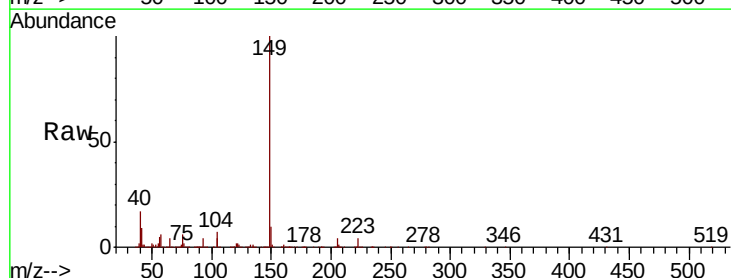
Instrument :
 BNA_G
 ClientSampleId :

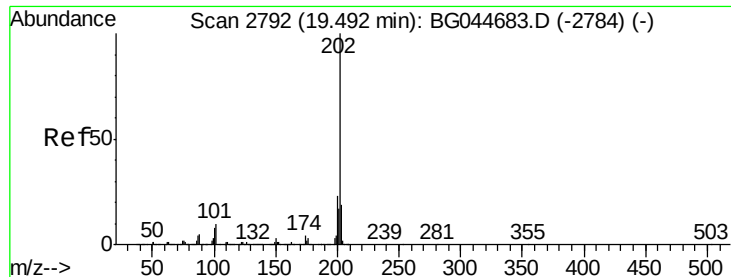
Tot Ion:167 Resp: 1137120
 Ion Ratio Lower Upper
 167 100
 166 24.5 20.0 30.0
 139 14.3 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 37.897 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG044706.D
 Acq: 9 Mar 2020 17:54

Tgt Ion:149 Resp: 1403285
 Ion Ratio Lower Upper
 149 100
 150 10.2 8.0 12.0
 104 6.7 5.5 8.3





#75

Fluoranthene

Concen: 37.917 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Instrument :

BNA_G

ClientSampleId :

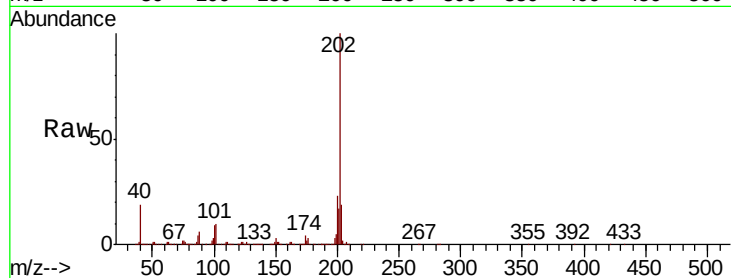
Tot Ion:202 Resp: 1428368

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.3

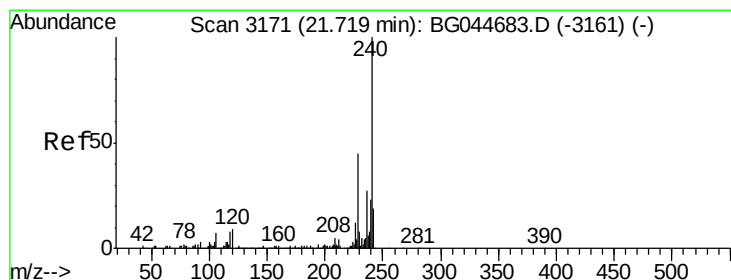
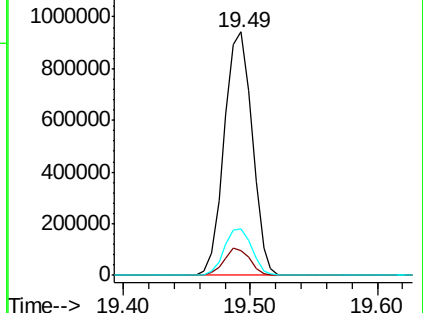
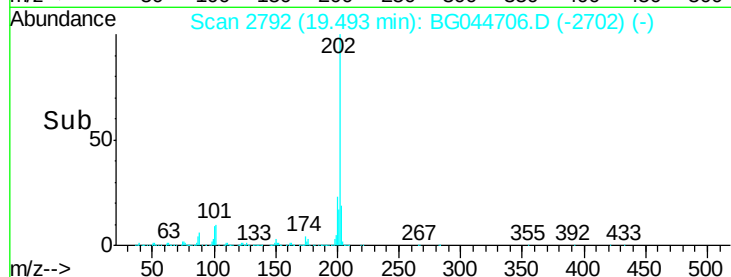
203 19.4 0.0 39.1



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: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

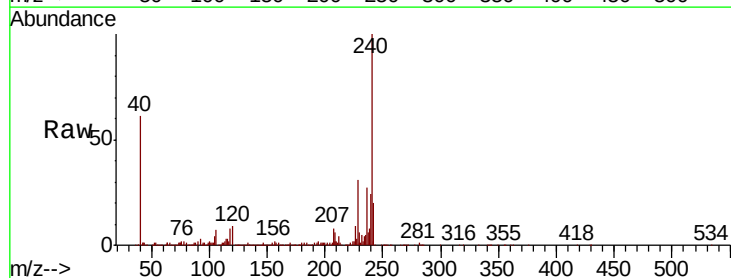
Tgt Ion:240 Resp: 488327

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

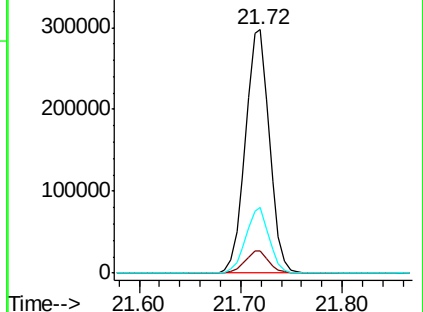
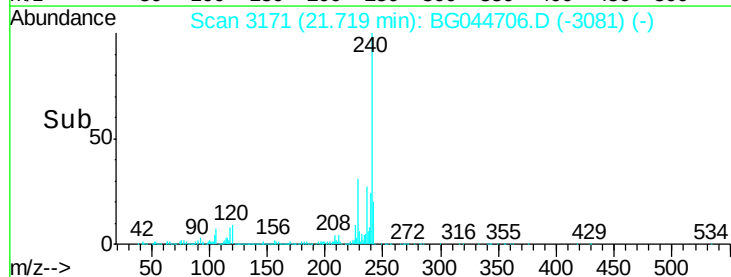
236 26.8 21.5 32.3

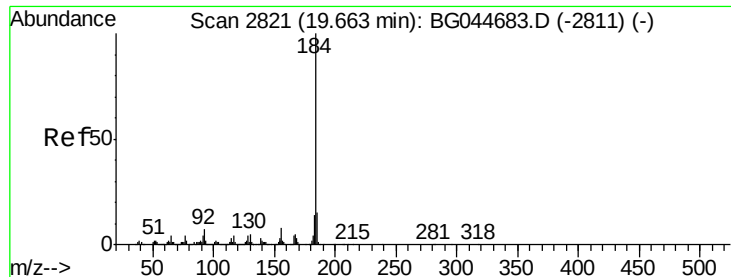


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.088 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

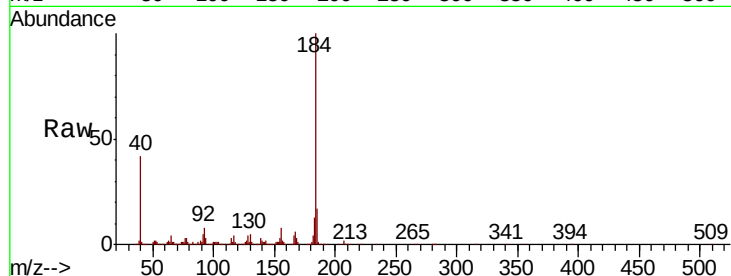
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 625515

Ion	Ratio	Lower	Upper
184	100		
185	17.0	12.0	18.0
183	13.0	11.4	17.2

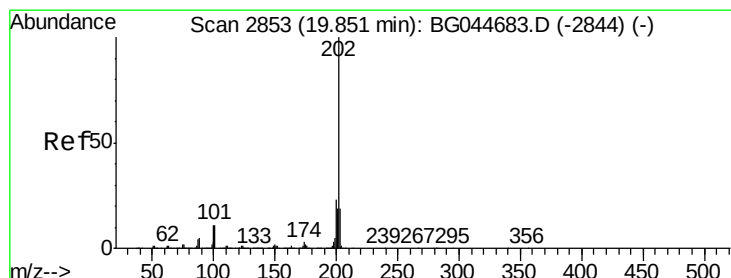
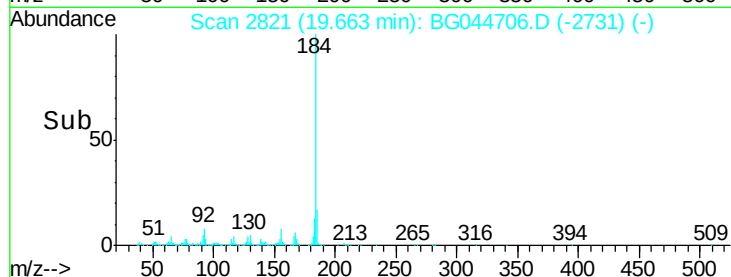
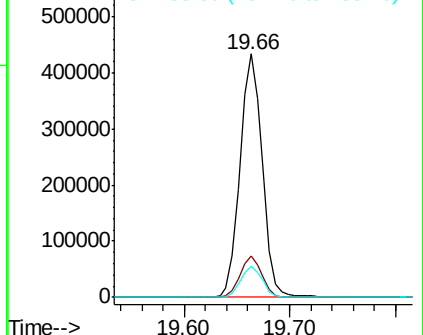


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.053 ng

RT: 19.85 min Scan# 2853

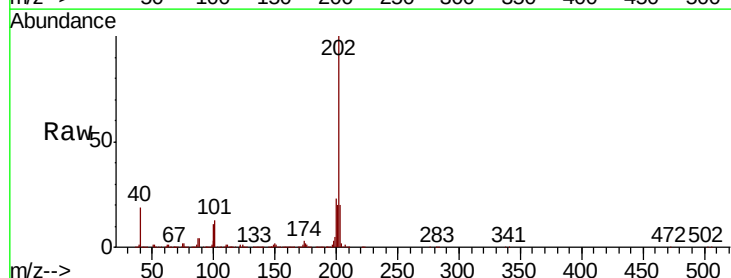
Delta R.T. 0.00 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Tgt Ion:202 Resp: 1454613

Ion	Ratio	Lower	Upper
202	100		
200	23.3	18.2	27.2
203	20.0	15.2	22.8

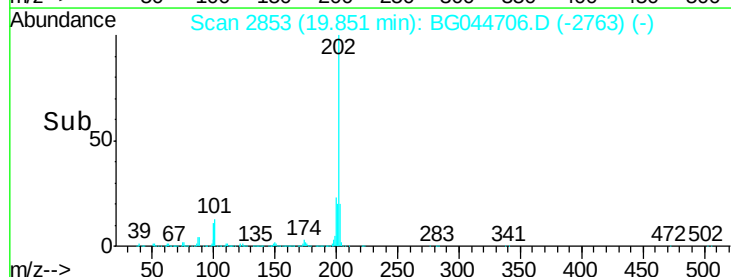
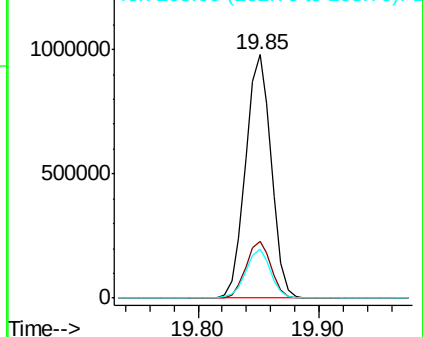


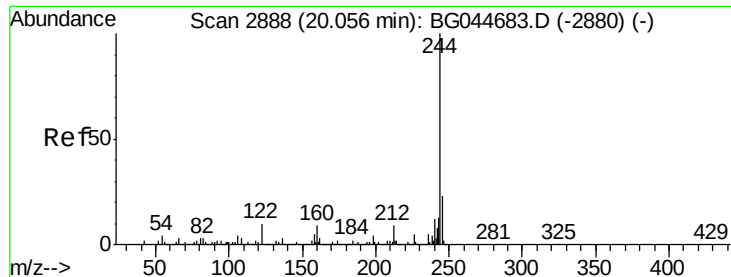
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.668 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Instrument :

BNA_G

ClientSampleId :

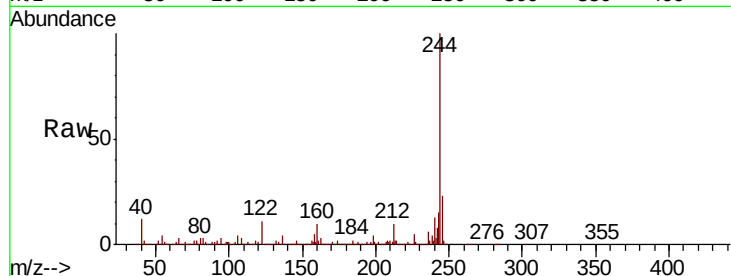
Tot Ion:244 Resp: 2070033

Ion Ratio Lower Upper

244 100

212 9.9 7.5 11.3

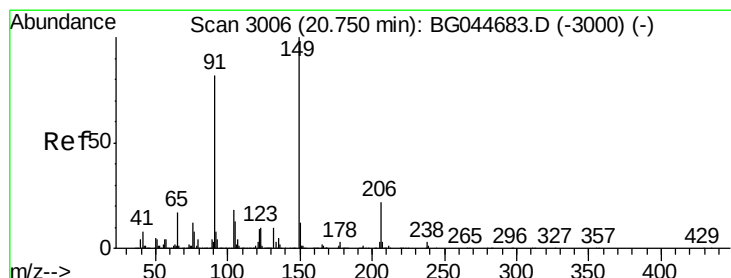
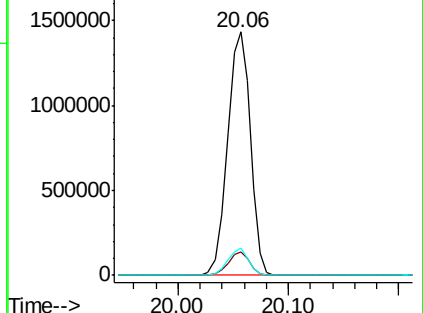
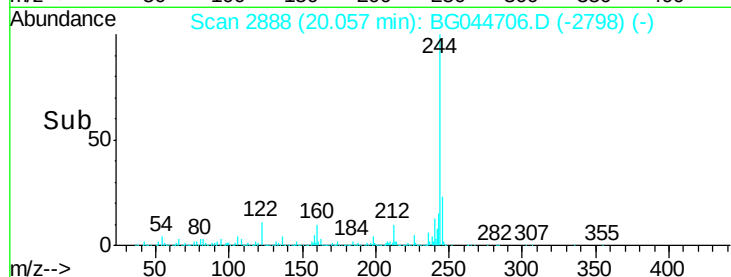
122 11.3 7.7 11.5



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: 38.041 ng

RT: 20.75 min Scan# 3006

Delta R.T. 0.00 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

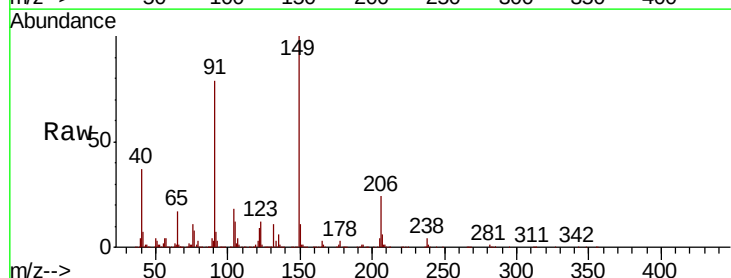
Tgt Ion:149 Resp: 632453

Ion Ratio Lower Upper

149 100

91 79.2 65.7 98.5

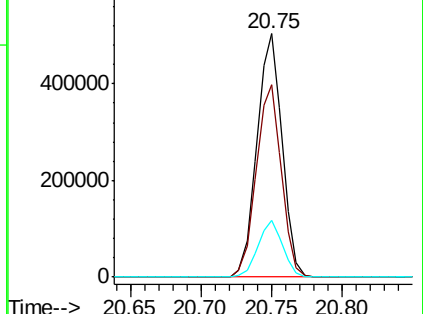
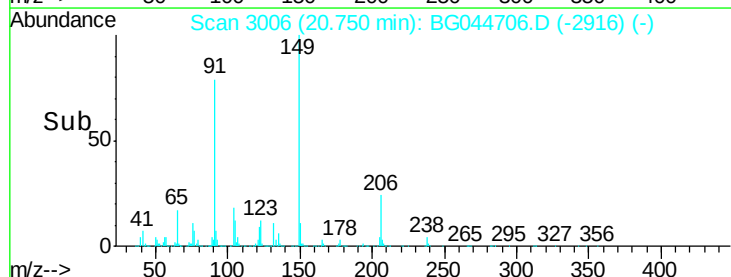
206 23.5 17.3 25.9

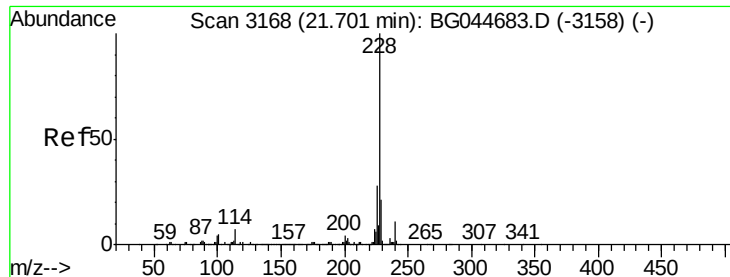


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.422 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Instrument :

BNA_G

ClientSampleId :

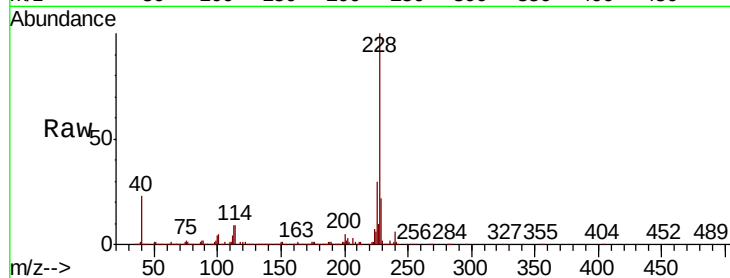
Tot Ion:228 Resp: 1407053

Ion Ratio Lower Upper

228 100

226 29.5 22.8 34.2

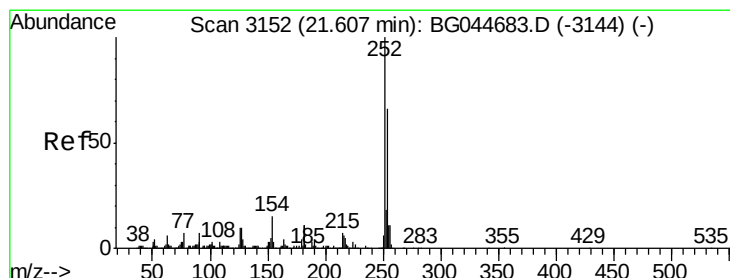
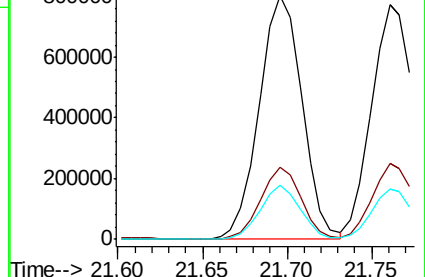
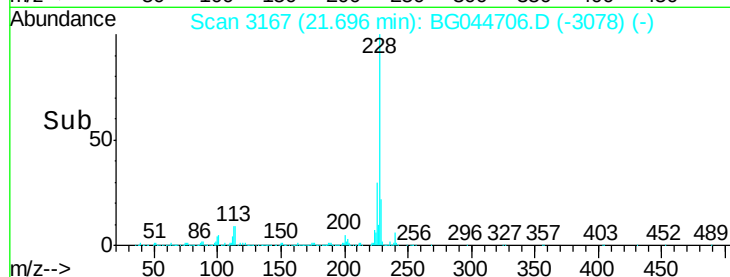
229 22.3 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.096 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

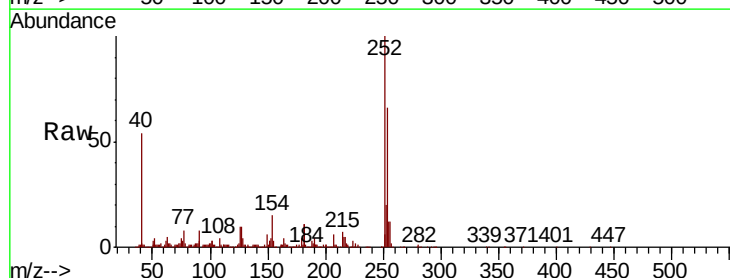
Tgt Ion:252 Resp: 540875

Ion Ratio Lower Upper

252 100

254 66.2 52.6 79.0

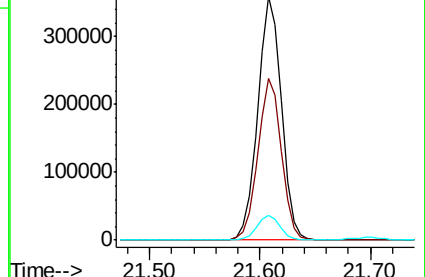
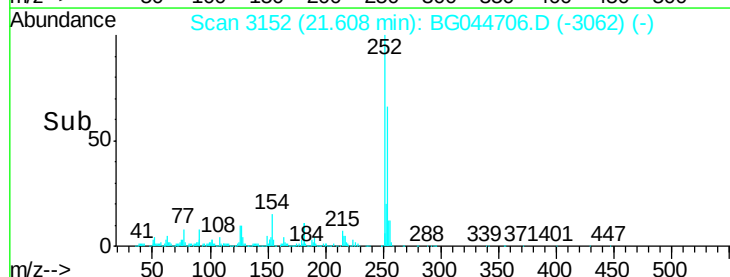
126 10.3 7.8 11.6

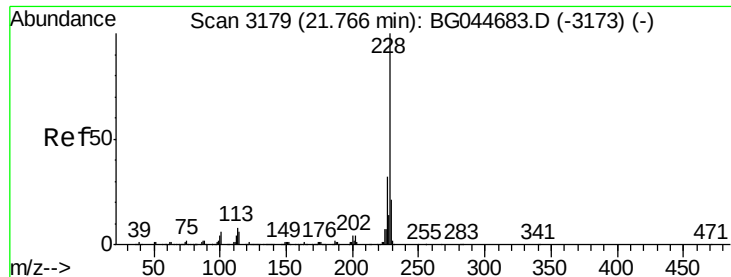


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.453 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

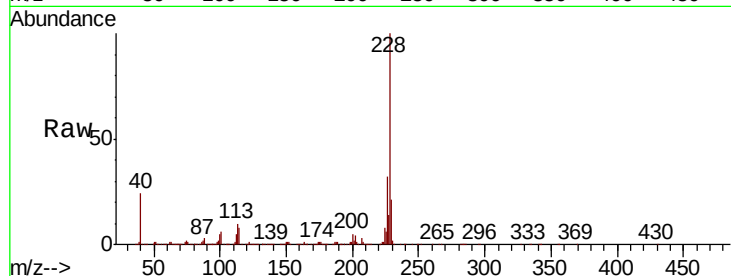
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1340351

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.8	38.6
229	21.5	16.6	25.0

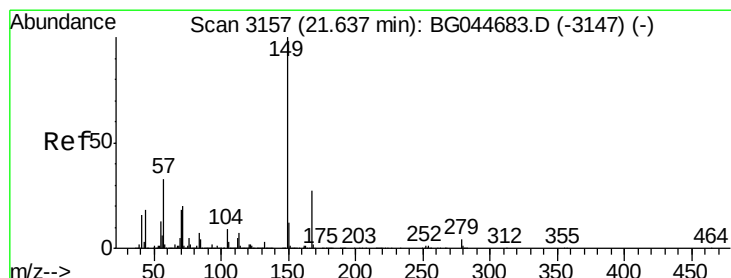
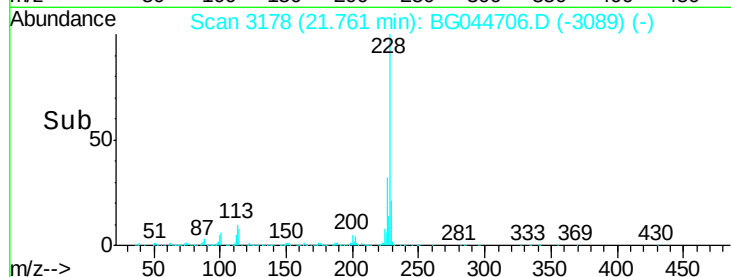
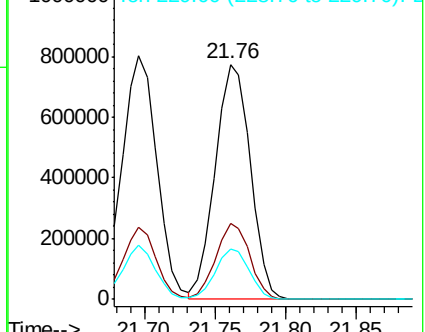


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.230 ng

RT: 21.63 min Scan# 3156

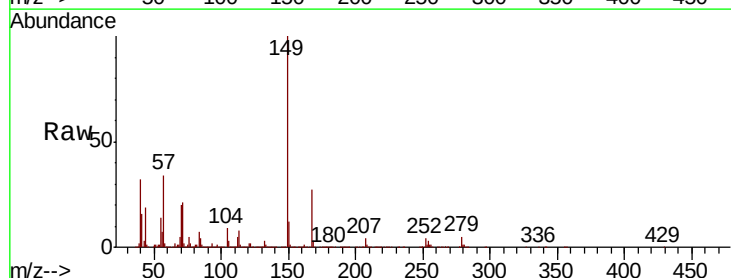
Delta R.T. -0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Tgt Ion:149 Resp: 886353

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	4.6	3.6	5.4

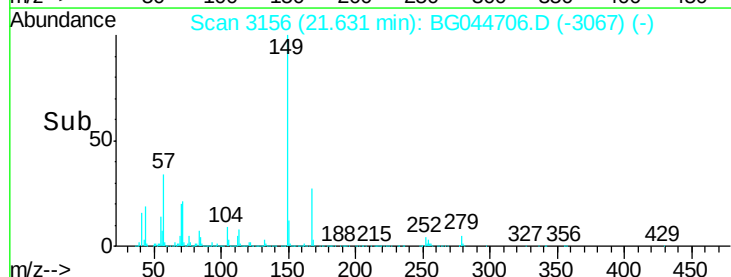
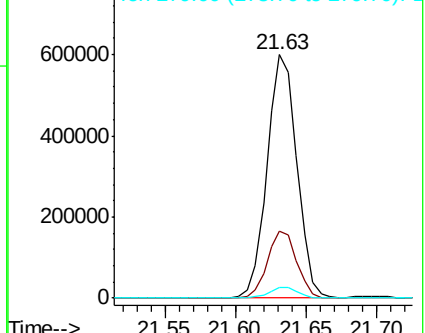


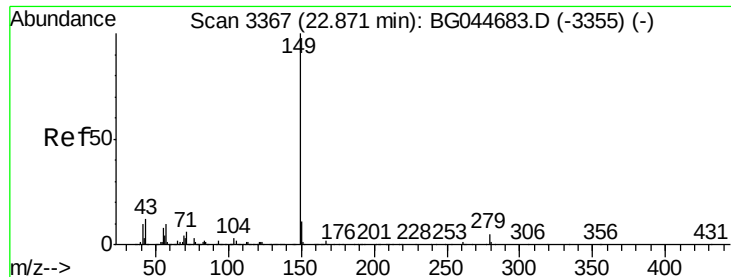
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.112 ng

RT: 22.86 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Instrument :

BNA_G

ClientSampleId :

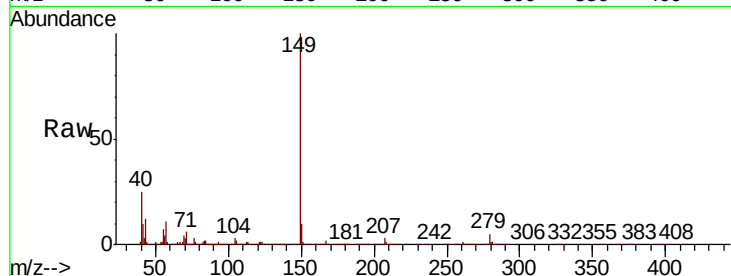
Tot Ion:149 Resp: 1477593

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

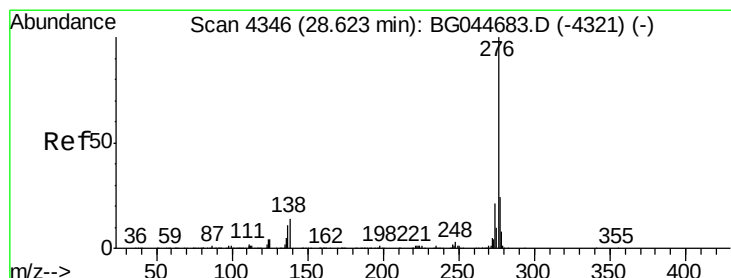
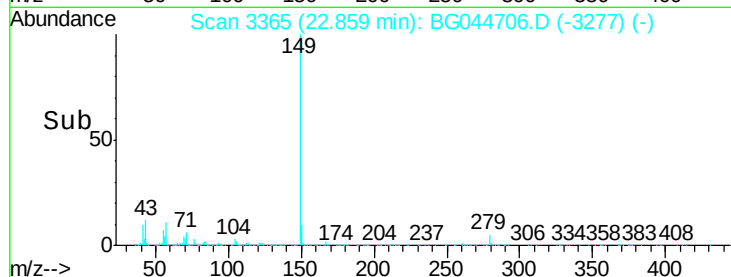
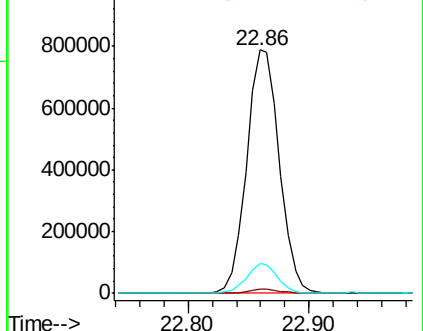
43 11.5 9.5 14.3



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: 37.647 ng

RT: 28.62 min Scan# 4345

Delta R.T. -0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

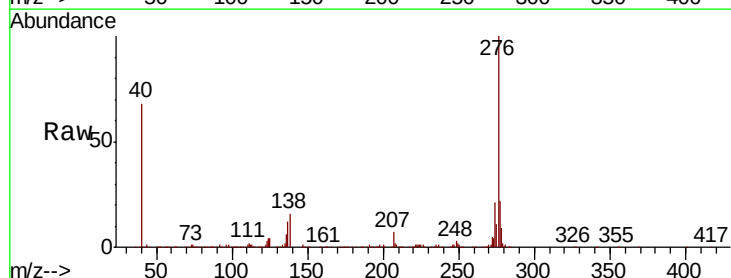
Tgt Ion:276 Resp: 1733061

Ion Ratio Lower Upper

276 100

138 13.5 9.5 14.3

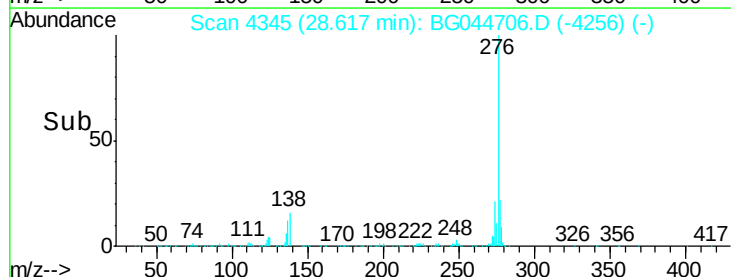
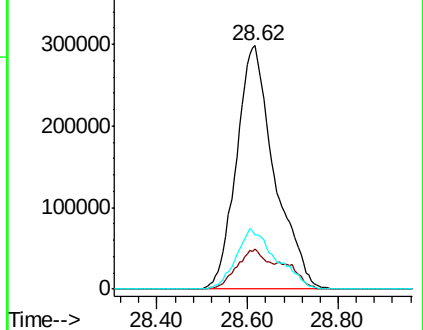
277 26.0 20.6 30.8

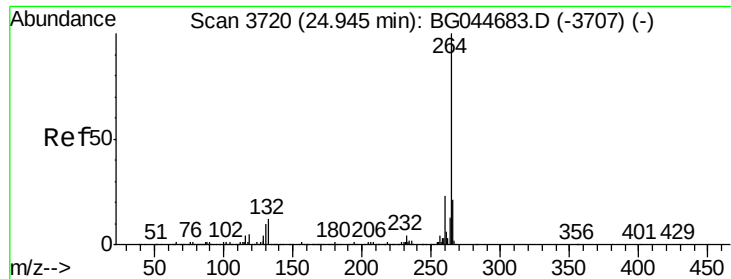


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

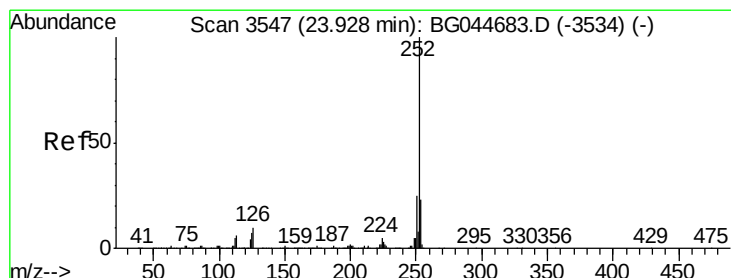
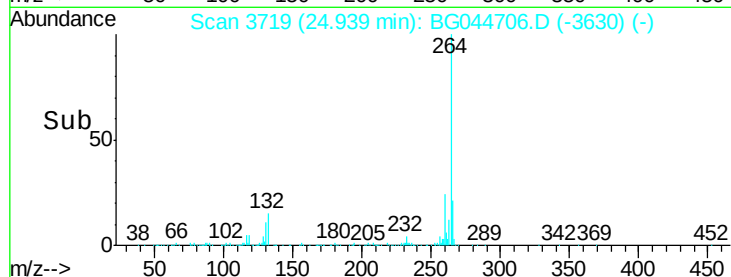
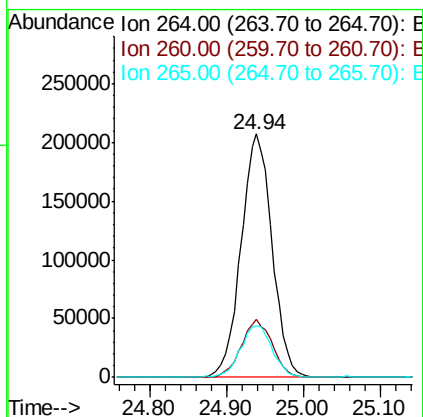
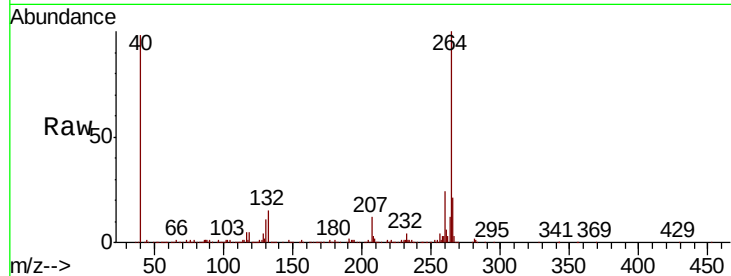




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.01 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

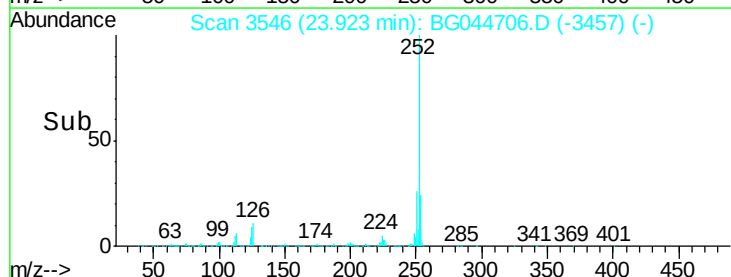
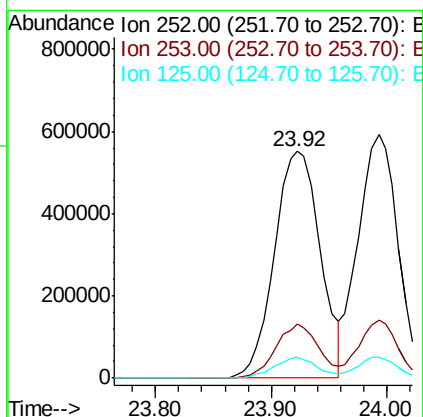
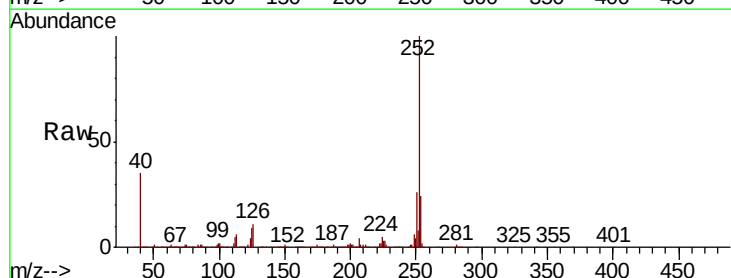
Instrument :
BNA_G
ClientSampleId :

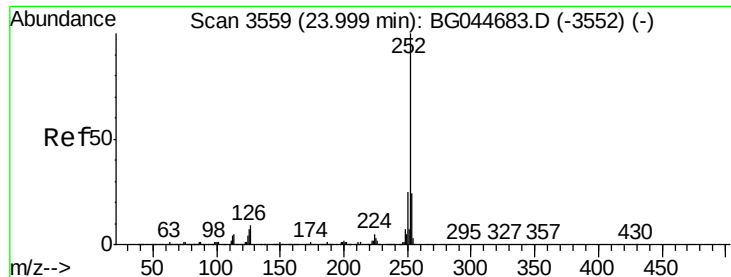
Tot Ion:264 Resp: 582008
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 21.4 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 38.353 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.01 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

Tgt Ion:252 Resp: 1519203
Ion Ratio Lower Upper
252 100
253 23.9 18.1 27.1
125 9.0 5.6 8.4#





#89

Benzo(k)fluoranthene

Concen: 38.445 ng

RT: 23.99 min Scan# 3558

Delta R.T. -0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

Instrument :

BNA_G

ClientSampleId :

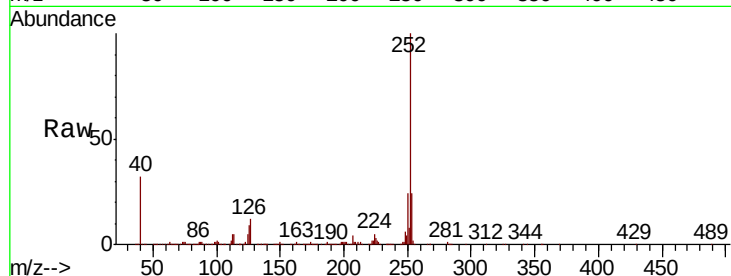
Tot Ion:252 Resp: 1427444

Ion Ratio Lower Upper

252 100

253 23.9 18.5 27.7

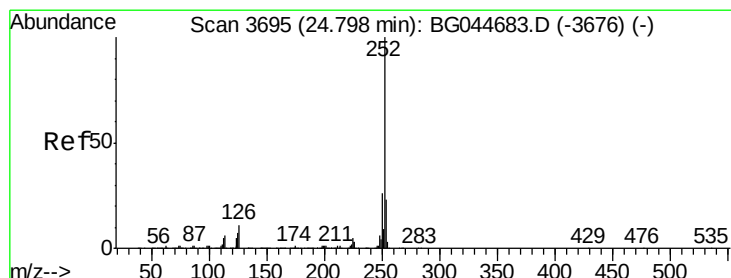
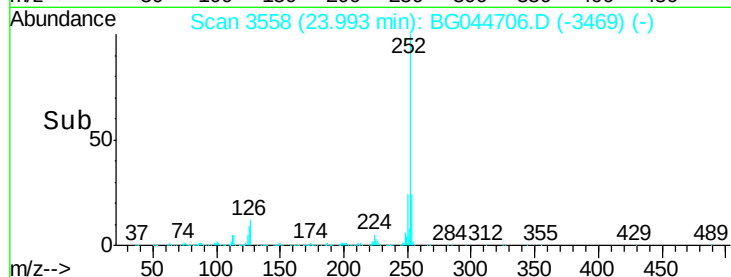
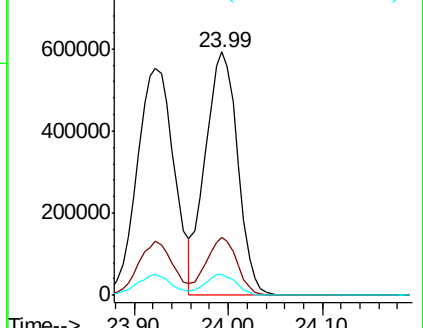
125 8.7 5.8 8.8



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: 37.901 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.01 min

Lab File: BG044706.D

Acq: 9 Mar 2020 17:54

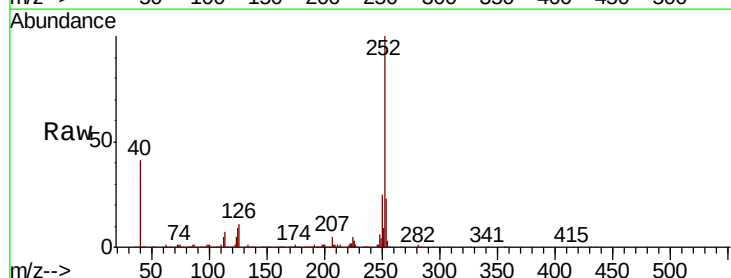
Tgt Ion:252 Resp: 1398259

Ion Ratio Lower Upper

252 100

253 23.4 18.4 27.6

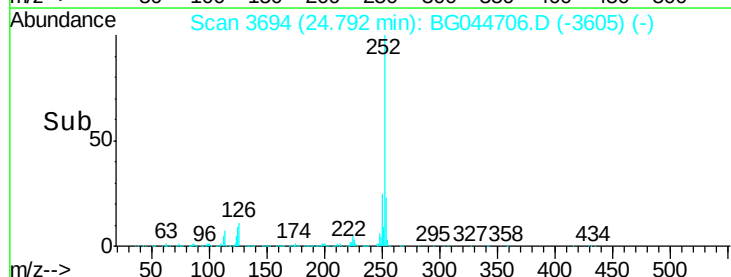
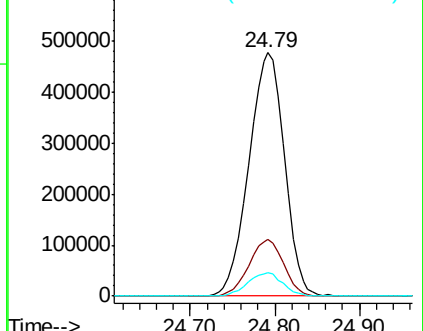
125 9.5 6.0 9.0#

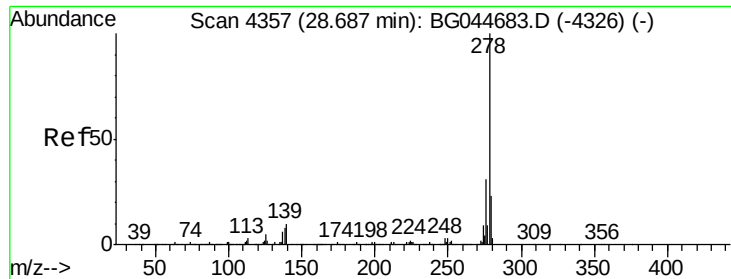


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

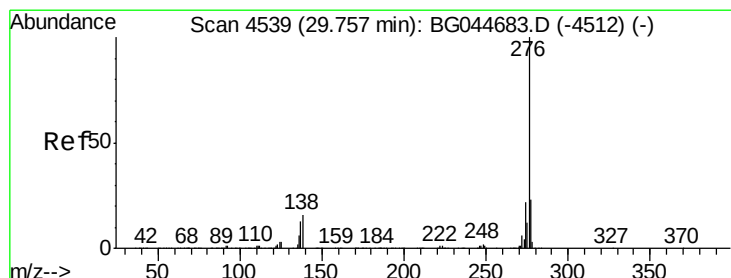
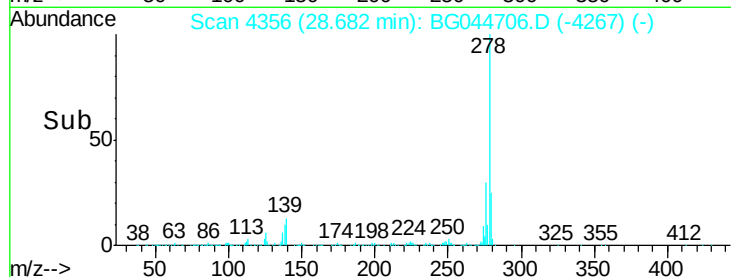
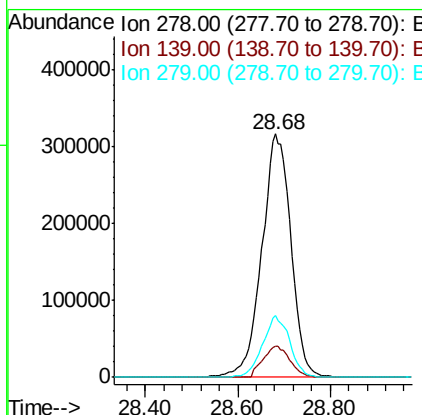
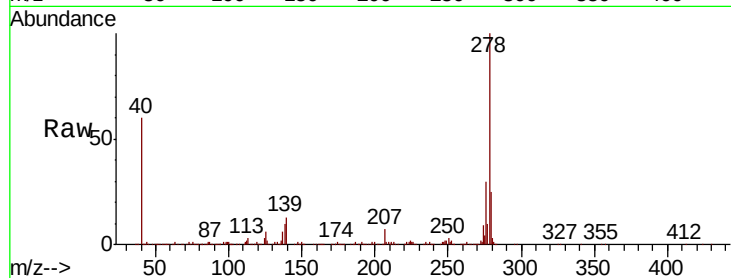




#91
Dibenzo(a,h)anthracene
Concen: 37.521 ng
RT: 28.68 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1380302
Ion Ratio Lower Upper
278 100
139 12.9 8.4 12.6#
279 25.3 18.2 27.2



#92
Benzo(g,h,i)perylene
Concen: 37.935 ng
RT: 29.76 min Scan# 4539
Delta R.T. 0.00 min
Lab File: BG044706.D
Acq: 9 Mar 2020 17:54

Tgt Ion:276 Resp: 1397865
Ion Ratio Lower Upper
276 100
277 22.4 18.7 28.1
138 16.4 12.7 19.1

