

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030920\
 Data File : BG044704.D
 Acq On : 9 Mar 2020 15:55
 Operator : CG/JU
 Sample : L1161-03
 Misc : MDL - MDL-SOIL 8PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 09 19:04:08 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	8.06	152	86592	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	349820	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	238552	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	535261	20.00	ng	0.00
76) Chrysene-d12	21.71	240	519625	20.00	ng	0.00
87) Perylene-d12	24.94	264	601688	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	802096	139.11	ng	0.00
7) Phenol-d6	7.22	99	1154126	132.43	ng	0.01
23) Nitrobenzene-d5	9.22	82	754232	98.17	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	460624	140.57	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1644506	96.03	ng	0.00
79) Terphenyl-d14	20.05	244	2565037	88.11	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	22384	8.099	ng	92
3) Pyridine	3.93	79	48106	5.614	ng	97
4) n-Nitrosodimethylamine	3.84	42	22274	6.145	ng	# 97
6) Aniline	7.38	93	76367	6.995	ng	96
8) 2-Chlorophenol	7.62	128	41865	7.164	ng	92
9) Benzaldehyde	7.19	77	52402	10.244	ng	97
10) Phenol	7.24	94	58012	6.757	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	46552	7.057	ng	98
12) 1,3-Dichlorobenzene	7.95	146	50448	7.259	ng	95
13) 1,4-Dichlorobenzene	7.95	146	50448	7.266	ng	97
14) 1,2-Dichlorobenzene	8.42	146	45109	6.873	ng	99
15) Benzyl Alcohol	8.29	79	47720	6.347	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.60	45	85904	6.893	ng	96
17) 2-Methylphenol	8.50	107	39586	6.730	ng	95
18) Hexachloroethane	9.16	117	19122	6.867	ng	98
19) n-Nitroso-di-n-propylamine	8.87	70	44503	6.835	ng	# 95
20) 3+4-Methylphenols	8.82	107	55058	6.719	ng	95
22) Acetophenone	8.88	105	81644	7.995	ng	96
24) Nitrobenzene	9.26	77	63037	7.738	ng	# 97
25) Isophorone	9.79	82	116832	6.895	ng	98
26) 2-Nitrophenol	9.98	139	15059	5.653	ng	# 86
27) 2,4-Dimethylphenol	10.04	122	40154	7.554	ng	88
28) bis(2-Chloroethoxy)methane	10.27	93	67246	7.050	ng	95
29) 2,4-Dichlorophenol	10.51	162	40082	6.627	ng	88
30) 1,2,4-Trichlorobenzene	10.74	180	50575	7.199	ng	93
31) Naphthalene	10.92	128	149467	7.614	ng	96
32) Benzoic acid	10.10	122	8509	2.282	ng	93
33) 4-Chloroaniline	11.02	127	62416	6.903	ng	95
34) Hexachlorobutadiene	11.22	225	31687	6.601	ng	92
35) Caprolactam	11.76	113	15699	6.218	ng	# 85
36) 4-Chloro-3-methylphenol	12.13	107	50877	6.642	ng	88
37) 2-Methylnaphthalene	12.53	142	114065	7.699	ng	99
38) 1-Methylnaphthalene	12.75	142	108692	7.761	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	60882	7.862	ng	98

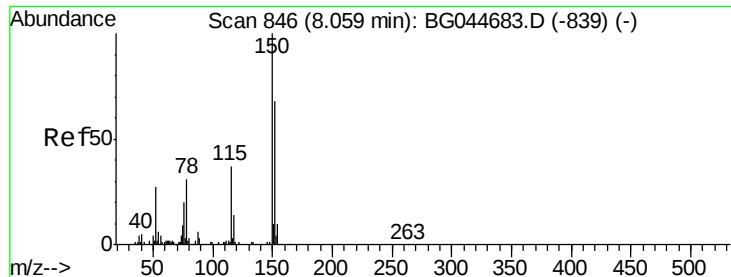
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030920\
 Data File : BG044704.D
 Acq On : 9 Mar 2020 15:55
 Operator : CG/JU
 Sample : L1161-03
 Misc : MDL - MDL-SOIL 8PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 09 19:04:08 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	12.89	237	30405	6.714	ng	98
43) 2,4,6-Trichlorophenol	13.13	196	32897	6.128	ng	87
44) 2,4,5-Trichlorophenol	13.19	196	37463	6.804	ng	96
46) 1,1'-Biphenyl	13.53	154	147554	7.777	ng	96
47) 2-Chloronaphthalene	13.57	162	105124	7.264	ng	95
48) 2-Nitroaniline	13.76	65	24144	4.946	ng	94
49) Acenaphthylene	14.41	152	182585	7.874	ng	100
50) Dimethylphthalate	14.14	163	144430	7.283	ng	96
51) 2,6-Dinitrotoluene	14.25	165	22169	6.221	ng	97
52) Acenaphthene	14.76	154	107402	7.164	ng	97
53) 3-Nitroaniline	14.58	138	24437	5.950	ng	87
54) 2,4-Dinitrophenol	14.78	184	8072	4.879	ng	# 81
55) Dibenzofuran	15.09	168	173386	7.718	ng	97
56) 4-Nitrophenol	14.87	139	18579	5.814	ng	# 80
57) 2,4-Dinitrotoluene	15.04	165	26692	5.606	ng	# 95
58) Fluorene	15.74	166	141385	7.609	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	35147	6.707	ng	95
60) Diethylphthalate	15.51	149	150164	7.082	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	75610	7.499	ng	91
62) 4-Nitroaniline	15.74	138	28727	6.351	ng	87
63) Azobenzene	16.03	77	168489	7.593	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	13598	6.218	ng	85
66) n-Nitrosodiphenylamine	15.95	169	126745	7.745	ng	95
67) 4-Bromophenyl-phenylether	16.63	248	48064	7.120	ng	95
68) Hexachlorobenzene	16.75	284	52763	7.238	ng	93
69) Atrazine	16.89	200	54046	8.545	ng	94
70) Pentachlorophenol	17.09	266	25715	6.217	ng	99
71) Phenanthrene	17.48	178	231746	7.896	ng	99
72) Anthracene	17.57	178	241608	8.358	ng	99
73) Carbazole	17.83	167	225961	8.162	ng	96
74) Di-n-butylphthalate	18.42	149	267114	7.661	ng	96
75) Fluoranthene	19.49	202	294792	8.311	ng	96
77) Benzidine	19.66	184	160311	7.728	ng	96
78) Pyrene	19.85	202	299527	7.557	ng	97
80) Butylbenzylphthalate	20.75	149	111312	6.292	ng	93
81) Benzo(a)anthracene	21.69	228	296909	7.619	ng	97
82) 3,3'-Dichlorobenzidine	21.61	252	114923	7.407	ng	98
83) Chrysene	21.76	228	282983	7.629	ng	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	167730	6.799	ng	99
85) Di-n-octyl phthalate	22.86	149	272399	6.430	ng	98
86) Indeno(1,2,3-cd)pyrene	28.59	276	342014	6.982	ng	100
88) Benzo(b)fluoranthene	23.98	252	290601	7.096	ng	98
89) Benzo(k)fluoranthene	23.98	252	290601	7.571	ng	98
90) Benzo(a)pyrene	24.78	252	272789	7.152	ng	# 91
91) Dibenzo(a,h)anthracene	28.67	278	284441	7.479	ng	98
92) Benzo(g,h,i)perylene	29.73	276	287542	7.548	ng	98

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

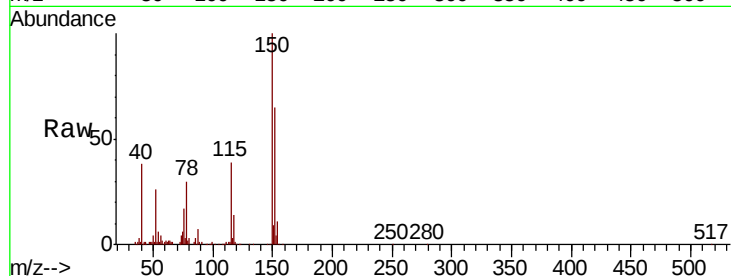


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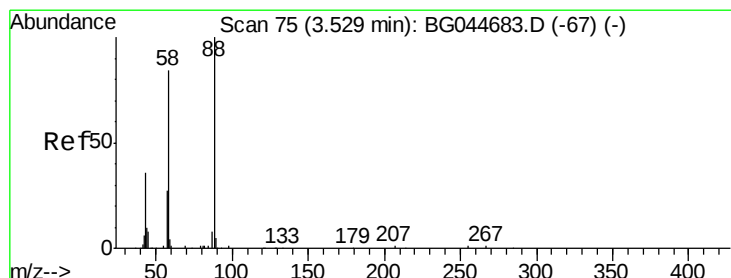
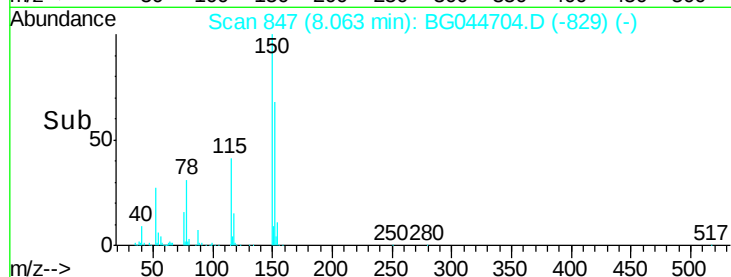
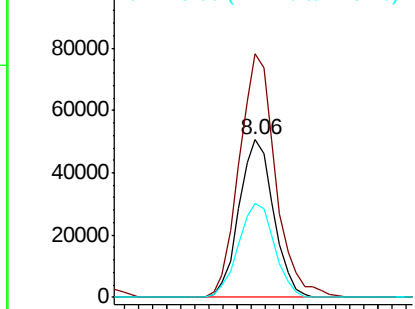
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 86592
Ion Ratio Lower Upper
152 100
150 154.3 118.6 177.8
115 59.6 43.6 65.4



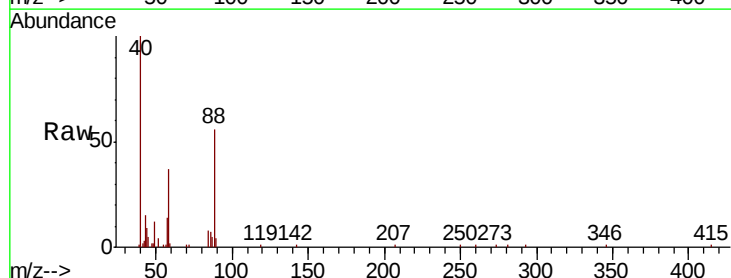
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



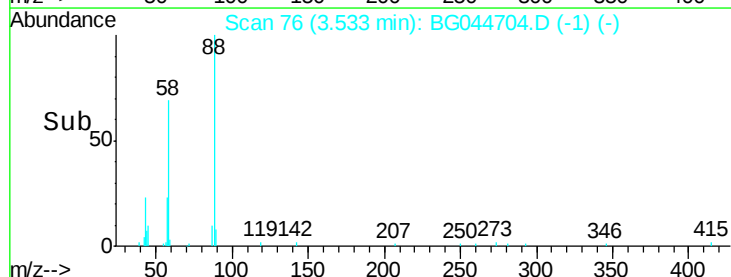
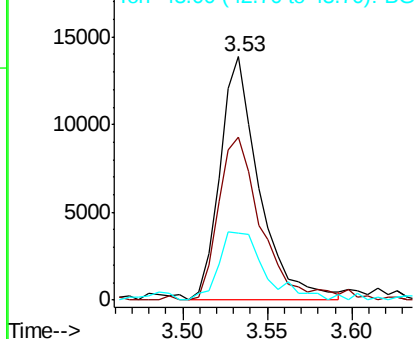
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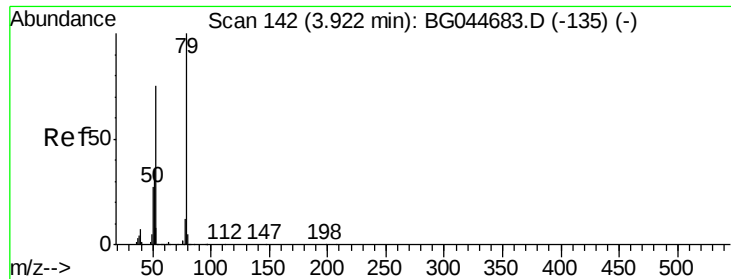
1,4-Dioxane
Concen: 8.099 ng
RT: 3.53 min Scan# 76
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion: 88 Resp: 22384
Ion Ratio Lower Upper
88 100
58 74.5 66.6 99.8
43 32.6 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

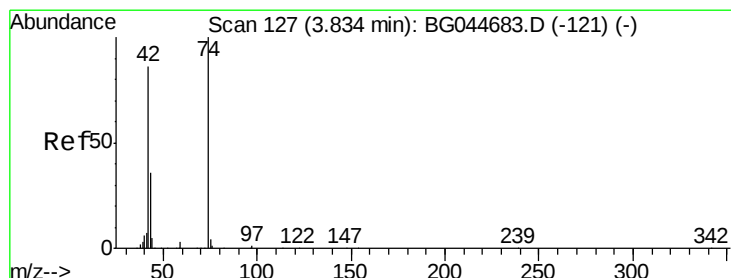
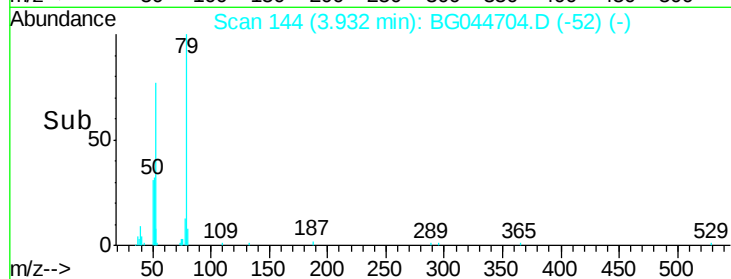
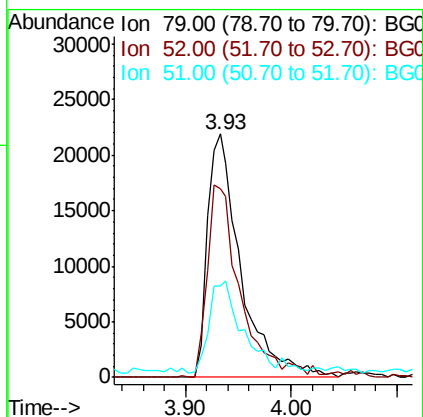
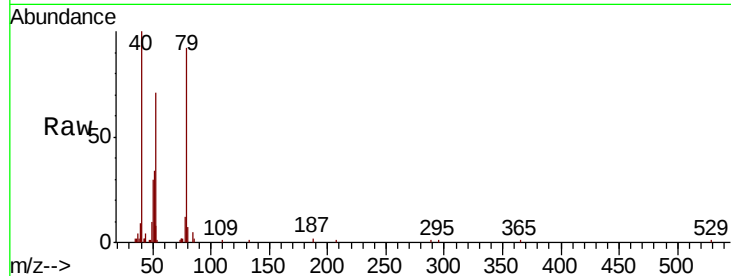




#3
 Pvridine
 Concen: 5.614 ng
 RT: 3.93 min Scan# 144
 Delta R.T. 0.01 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

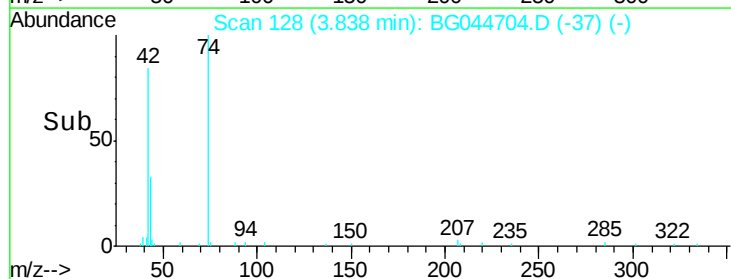
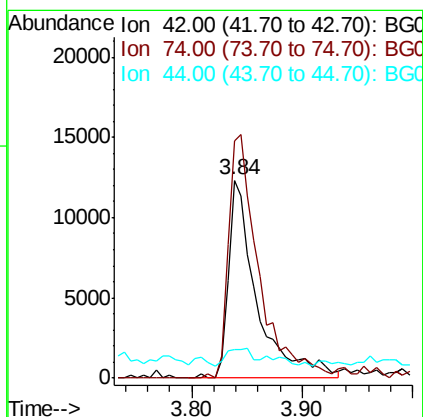
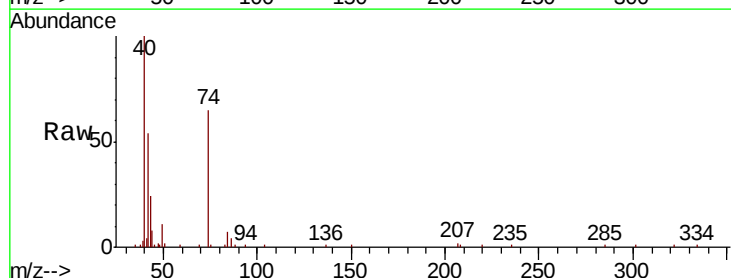
Instrument :
 BNA_G
 ClientSampled :

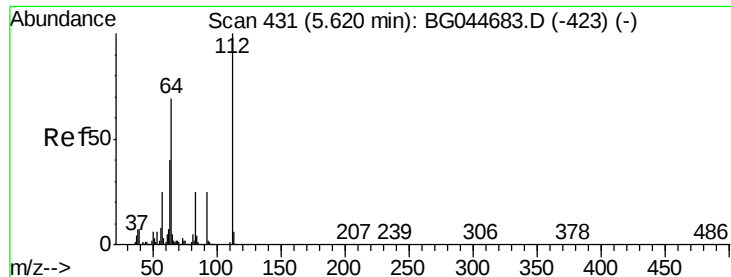
Tot Ion: 79 Resp: 48106
 Ion Ratio Lower Upper
 79 100
 52 77.4 59.9 89.9
 51 37.6 29.3 43.9



#4
 n-Nitrosodimethylamine
 Concen: 6.145 ng
 RT: 3.84 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Tgt Ion: 42 Resp: 22274
 Ion Ratio Lower Upper
 42 100
 74 119.8 93.4 140.2
 44 14.7 8.9 13.3#





#5

2-Fluorophenol

Concen: 139.114 ng

RT: 5.62 min Scan# 432

Delta R.T. 0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

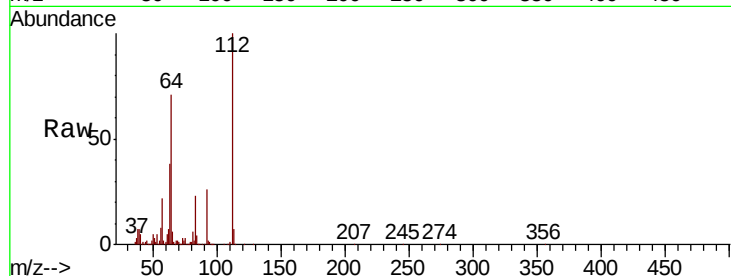
Tot Ion:112 Resp: 802096

Ion Ratio Lower Upper

112 100

64 71.0 55.4 83.0

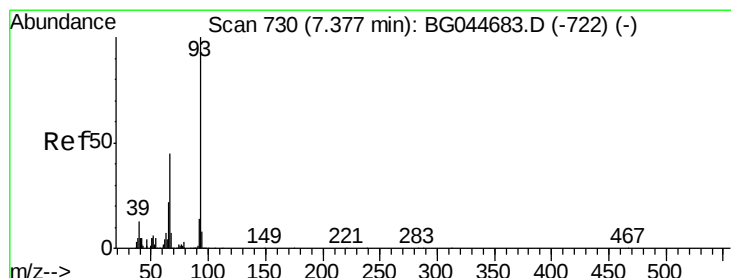
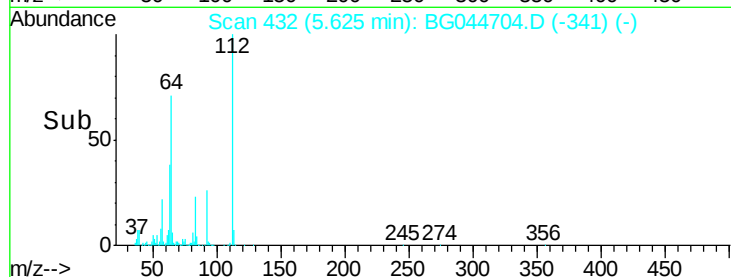
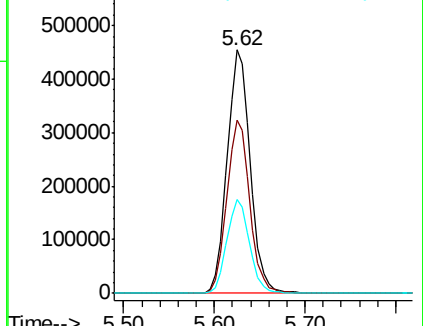
63 38.4 32.1 48.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 6.995 ng

RT: 7.38 min Scan# 731

Delta R.T. 0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

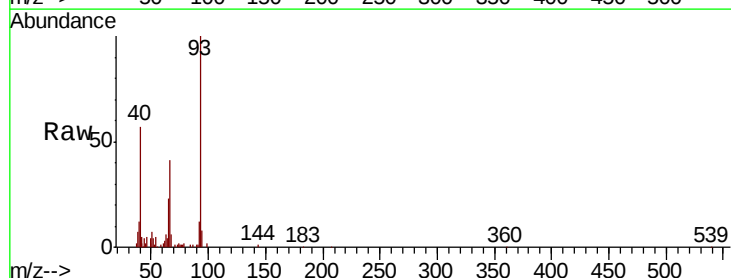
Tgt Ion: 93 Resp: 76367

Ion Ratio Lower Upper

93 100

66 41.5 35.8 53.8

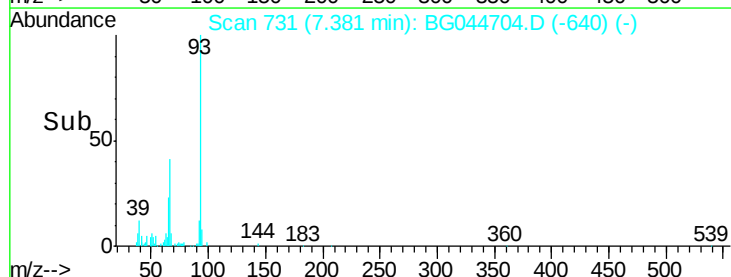
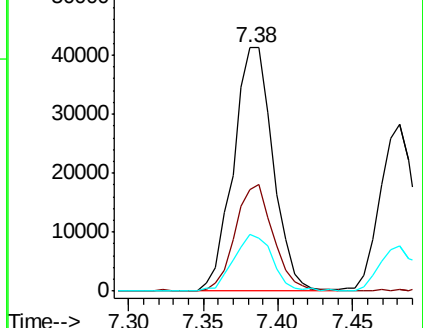
65 23.3 17.9 26.9

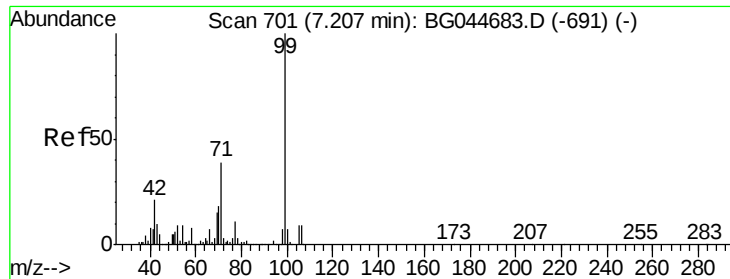


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.427 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

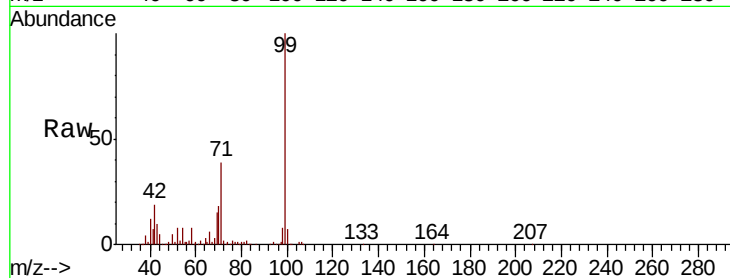
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1154126

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.5	24.7
71	39.0	30.9	46.3

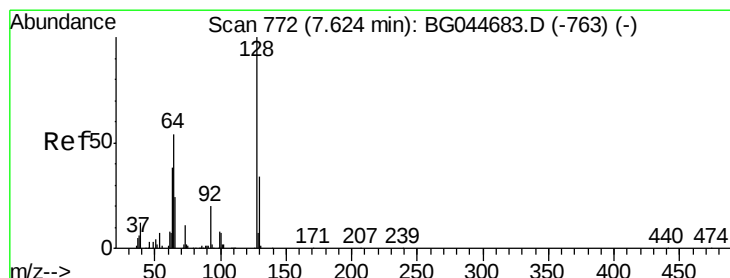
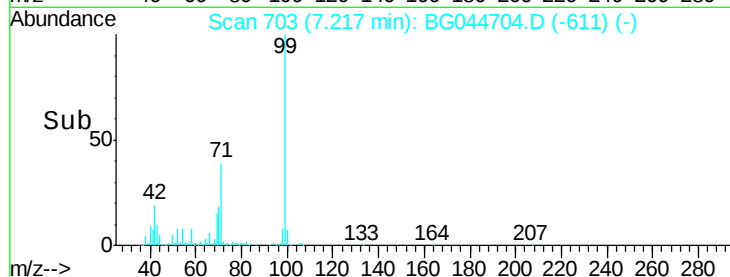
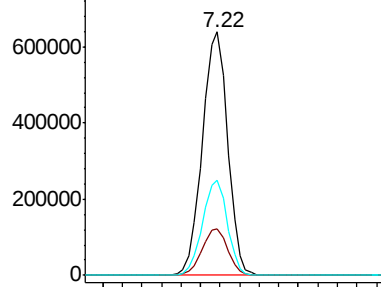


Abundance

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: 7.164 ng

RT: 7.62 min Scan# 772

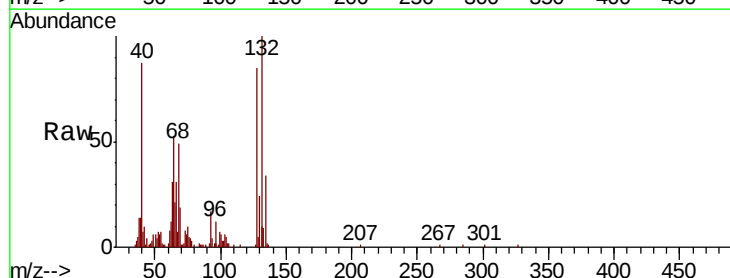
Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Tgt Ion:128 Resp: 41865

Ion	Ratio	Lower	Upper
128	100		
130	28.3	14.0	54.0
64	62.7	37.6	77.6

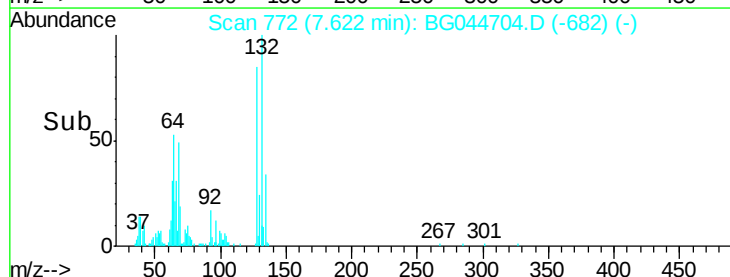
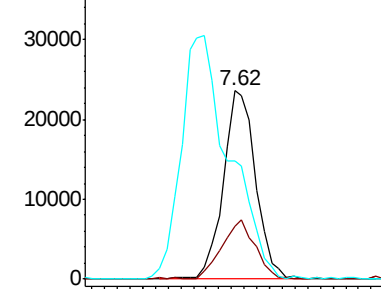


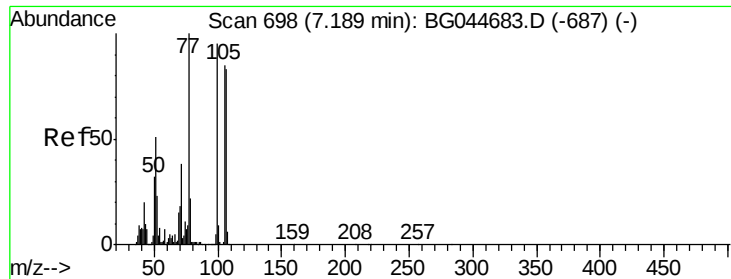
Abundance

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: 10.244 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

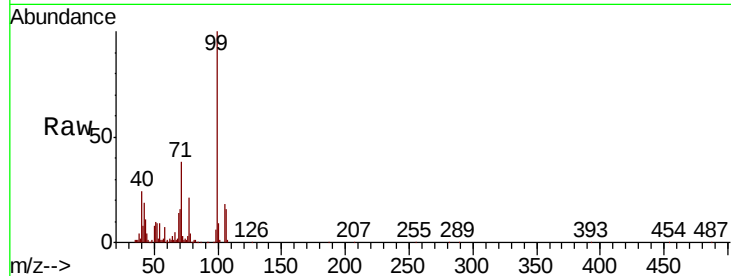
Tot Ion: 77 Resp: 52402

Ion Ratio Lower Upper

77 100

105 85.6 65.1 105.1

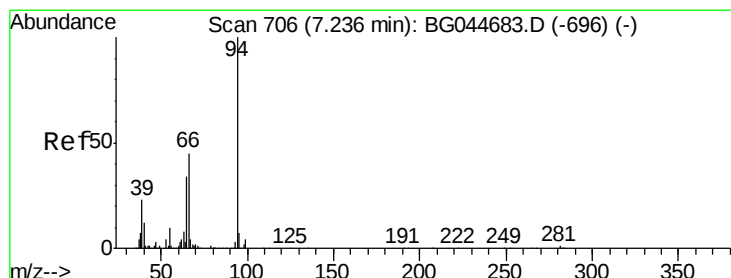
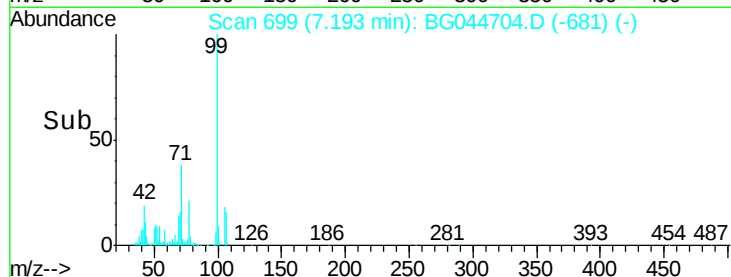
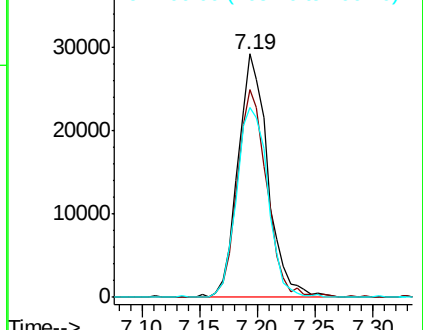
106 77.9 63.1 103.1



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: 6.757 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

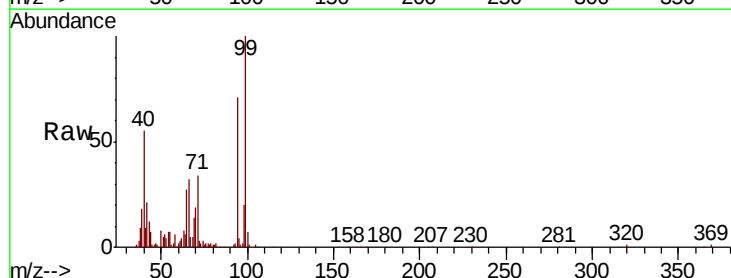
Tgt Ion: 94 Resp: 58012

Ion Ratio Lower Upper

94 100

65 37.7 13.5 53.5

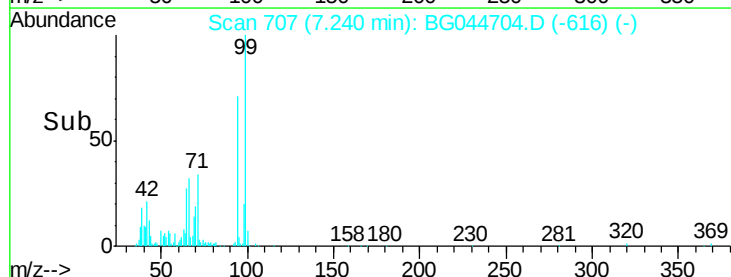
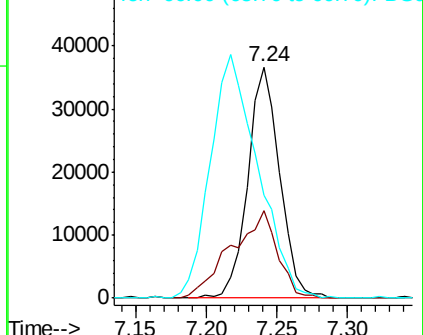
66 44.2 25.8 65.8

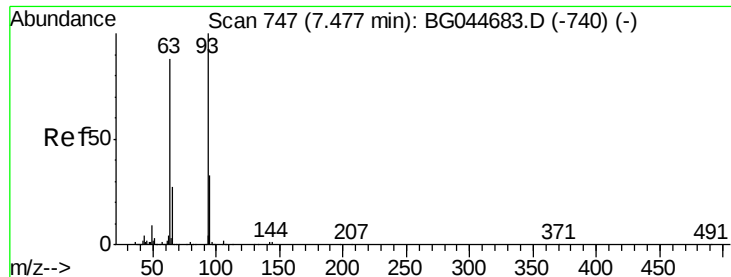


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

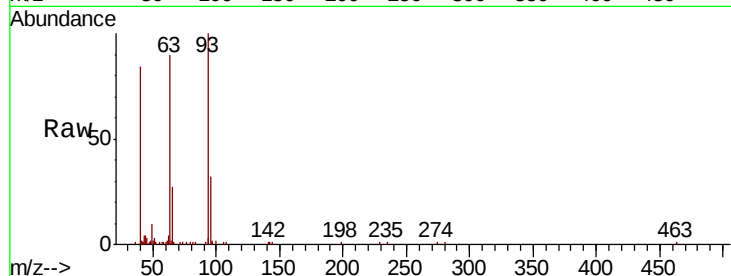




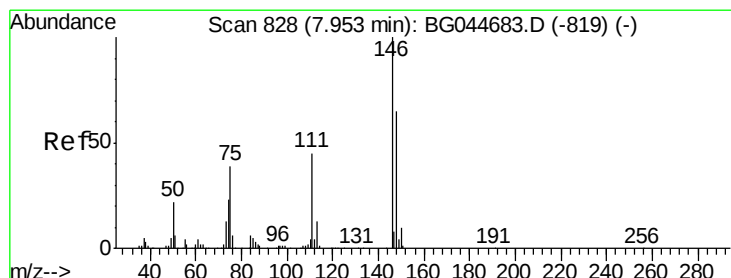
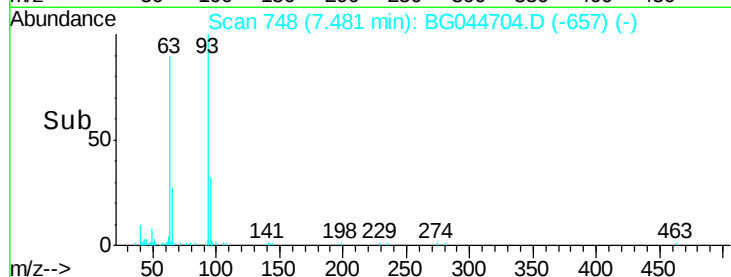
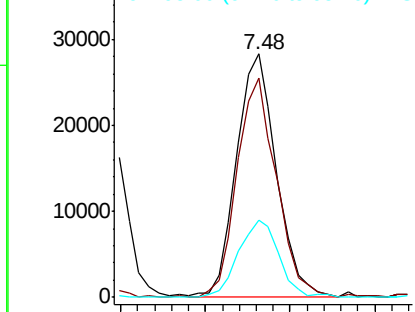
#11
bis(2-Chloroethyl)ether
Concen: 7.057 ng
RT: 7.48 min Scan# 748
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 46552
Ion Ratio Lower Upper
93 100
63 89.8 67.8 107.8
95 31.6 13.0 53.0

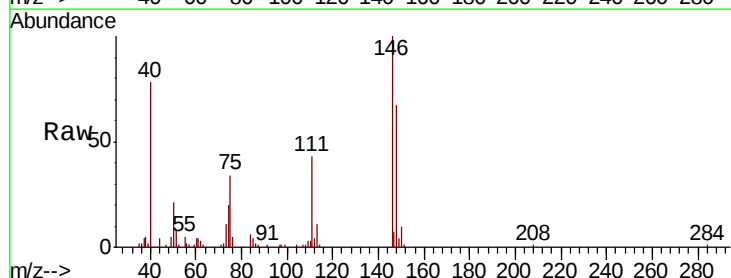


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

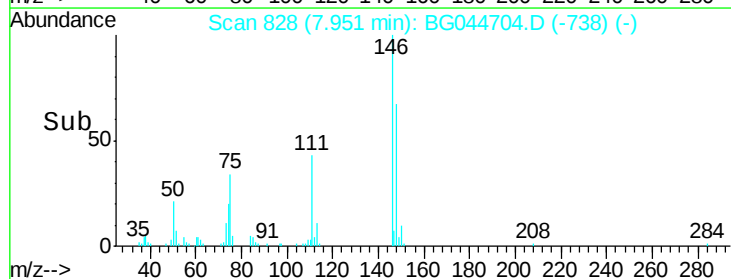
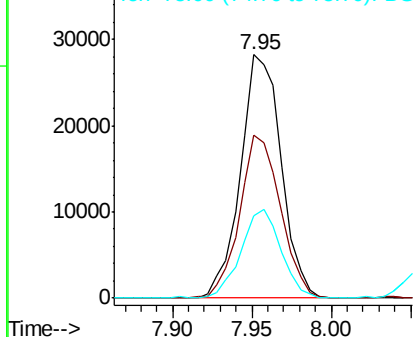


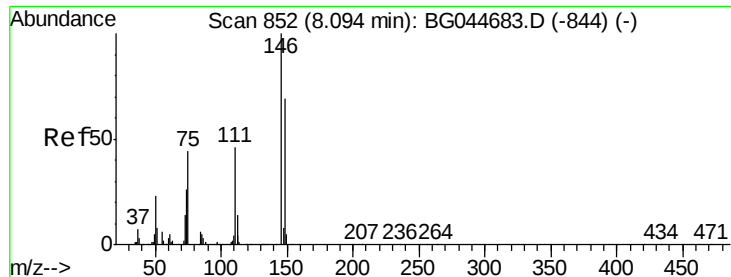
#12
1,3-Dichlorobenzene
Concen: 7.259 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion: 146 Resp: 50448
Ion Ratio Lower Upper
146 100
148 67.0 51.9 77.9
75 33.6 31.0 46.6



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

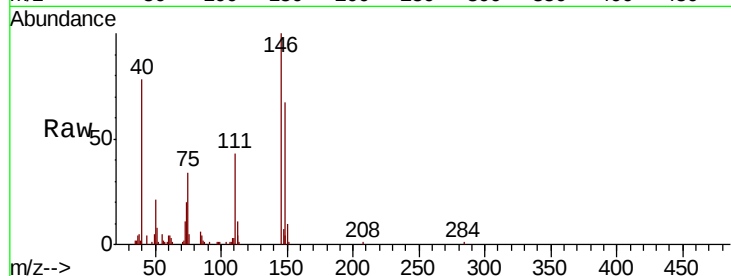




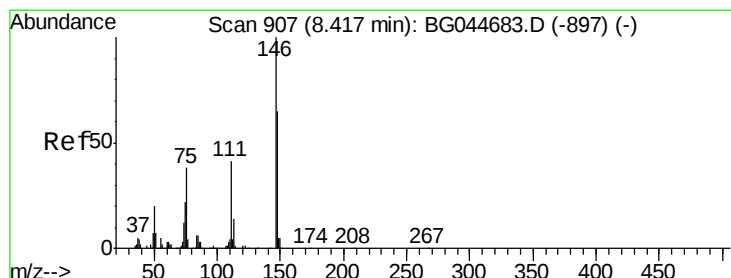
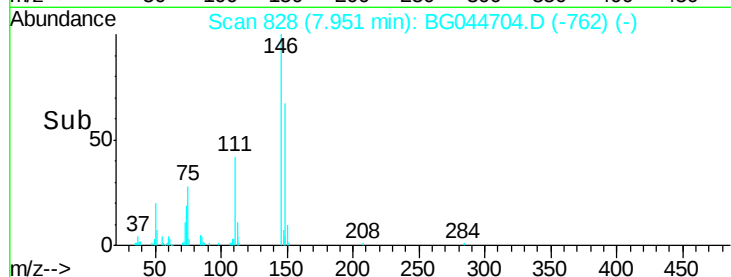
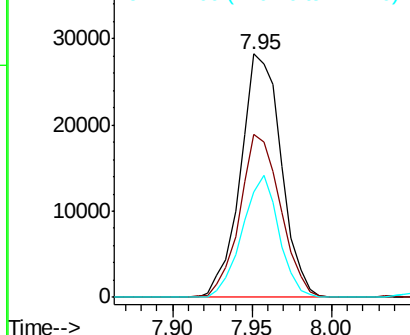
#13
 1,4-Dichlorobenzene
 Concen: 7.266 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.14 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.0	55.0	82.4
111	43.0	37.2	55.8

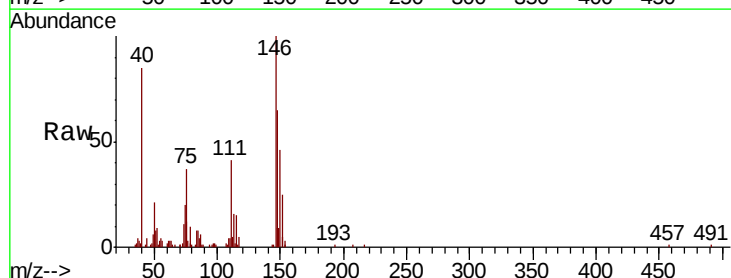


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

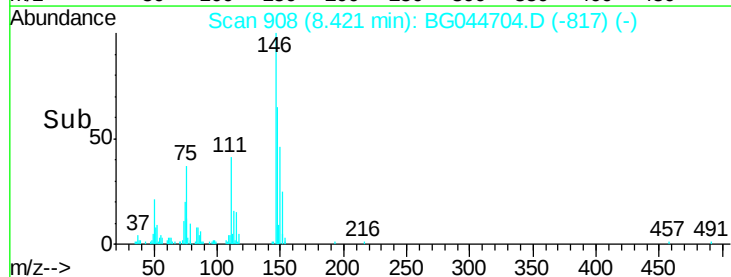
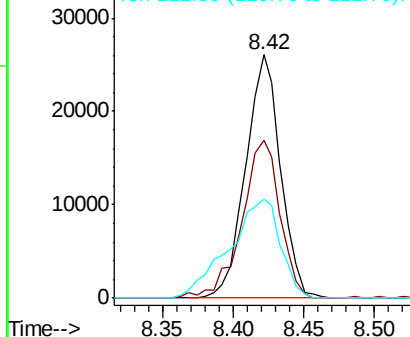


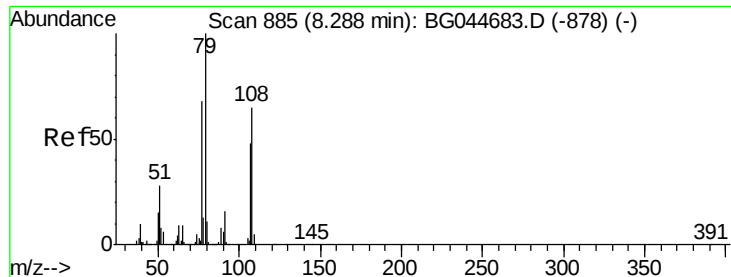
#14
 1,2-Dichlorobenzene
 Concen: 6.873 ng
 RT: 8.42 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
111	40.6	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: 6.347 ng

RT: 8.29 min Scan# 886

Delta R.T. 0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

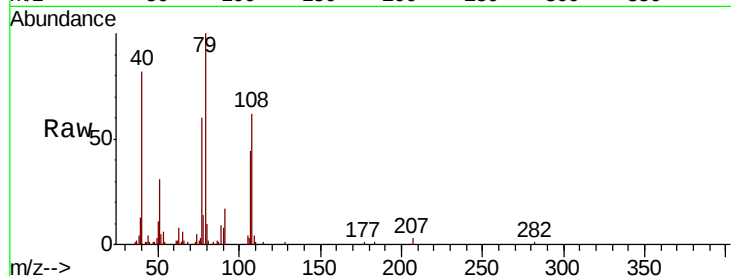
Tot Ion: 79 Resp: 47720

Ion Ratio Lower Upper

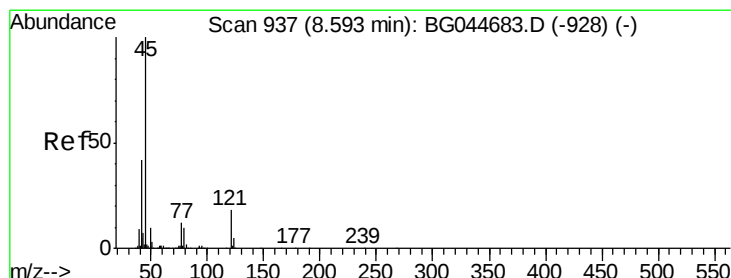
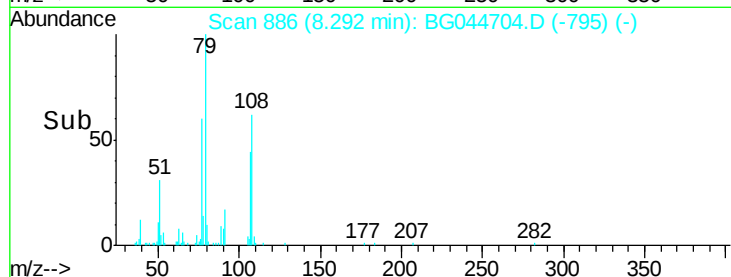
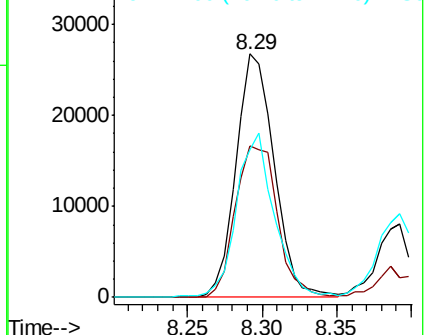
79 100

108 62.4 52.2 78.4

77 60.4 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: 6.893 ng

RT: 8.60 min Scan# 938

Delta R.T. 0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

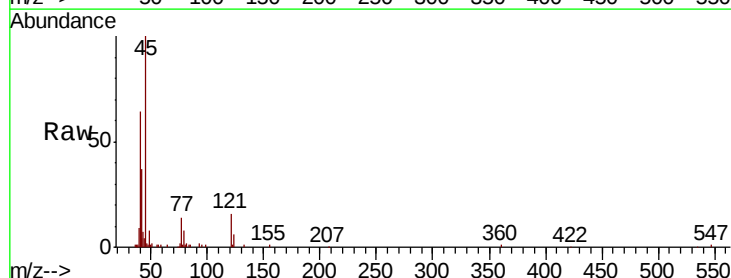
Tgt Ion: 45 Resp: 85904

Ion Ratio Lower Upper

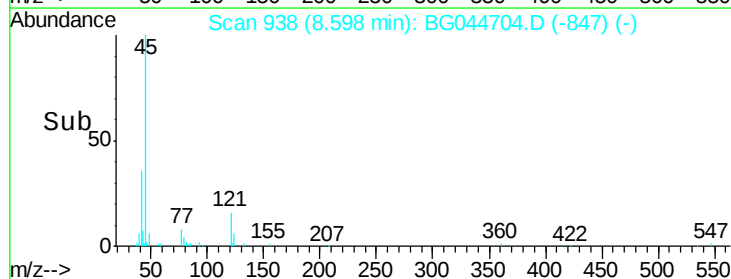
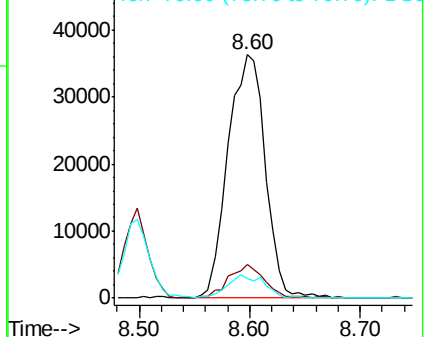
45 100

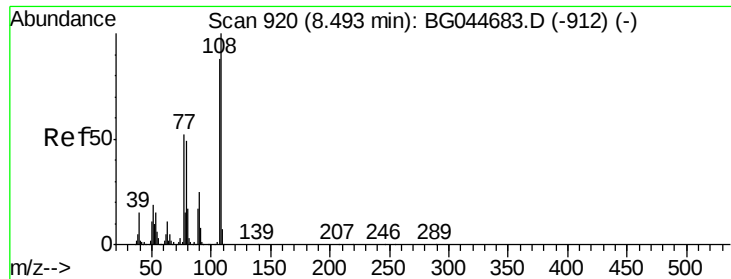
77 13.6 0.0 32.1

79 8.1 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

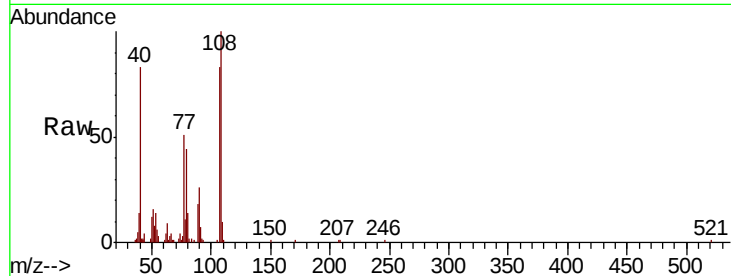




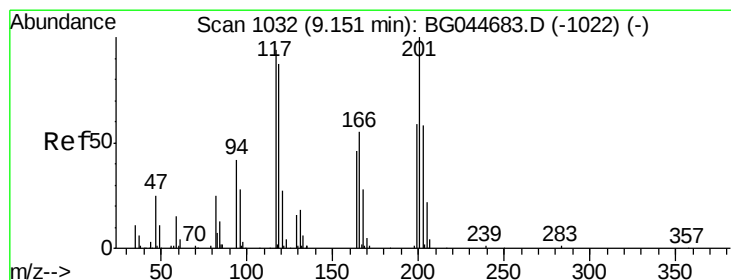
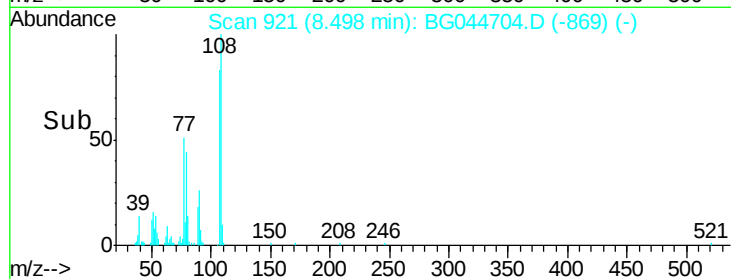
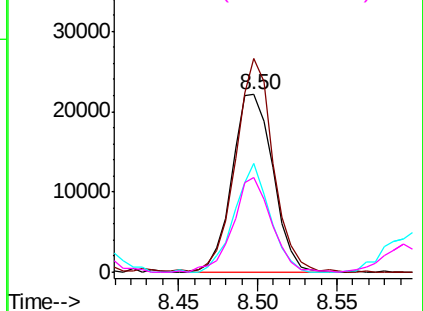
#17
2-Methylphenol
Concen: 6.730 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 39586
Ion Ratio Lower Upper
107 100
108 120.4 90.5 135.7
77 61.1 47.3 70.9
79 53.2 44.6 67.0

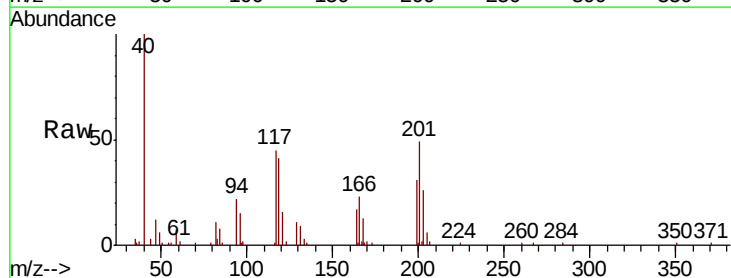


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

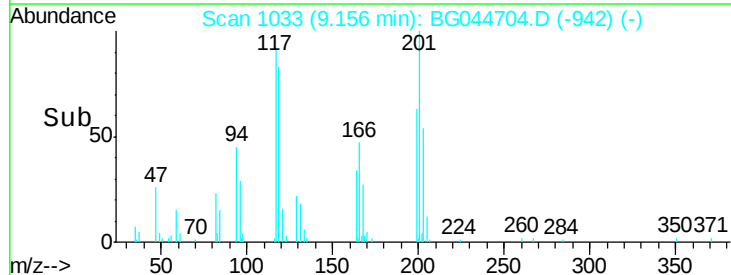
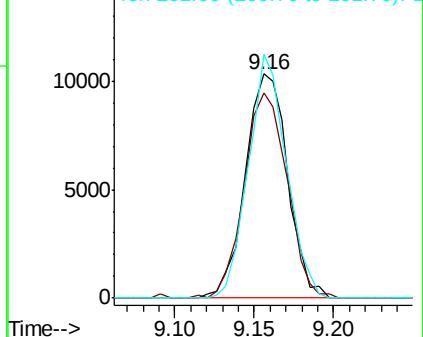


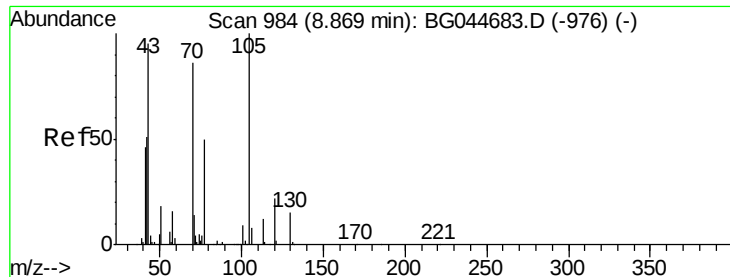
#18
Hexachloroethane
Concen: 6.867 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion:117 Resp: 19122
Ion Ratio Lower Upper
117 100
119 91.7 74.5 111.7
201 108.7 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

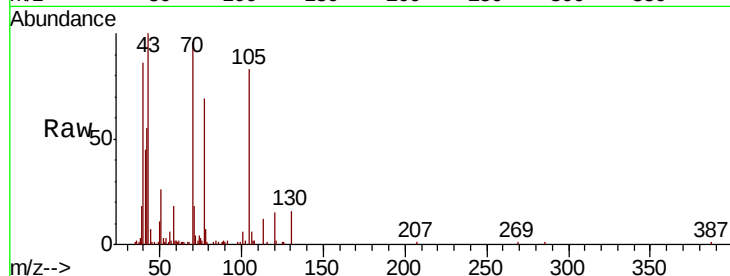




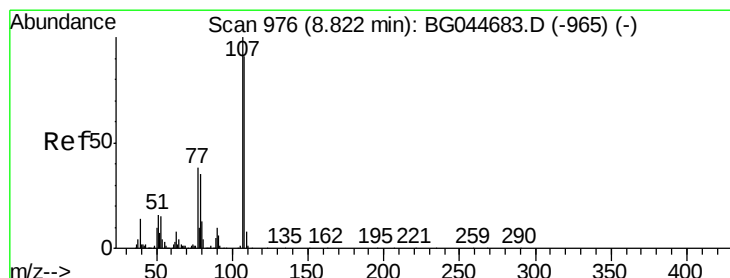
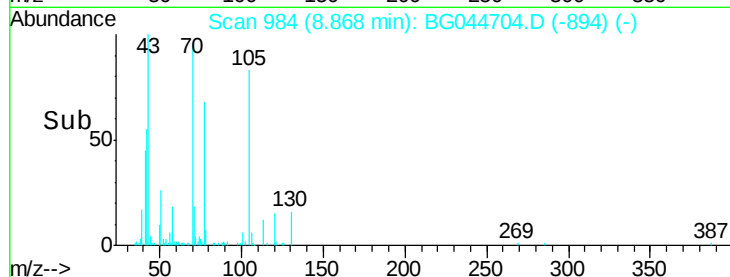
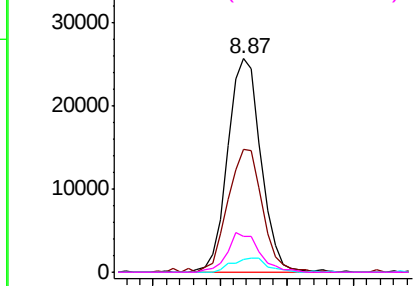
#19
n-Nitroso-di-n-propylamine
Concen: 6.835 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 44503
Ion Ratio Lower Upper
70 100
42 57.5 48.9 73.3
101 6.2 8.0 12.0#
130 17.0 14.1 21.1

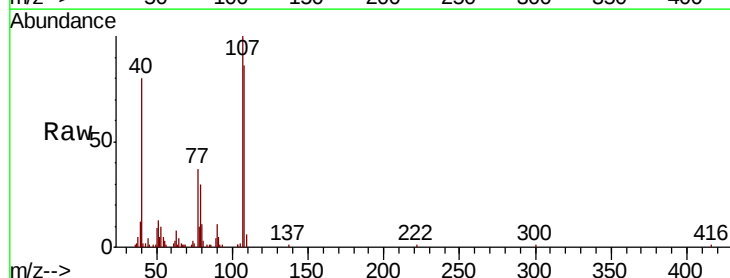


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

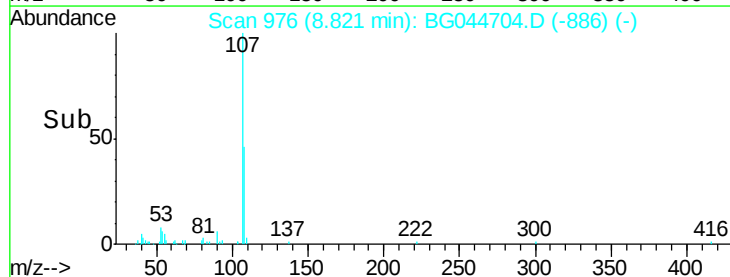
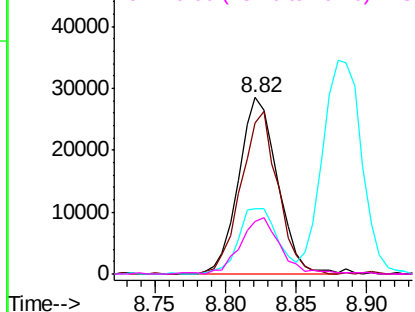


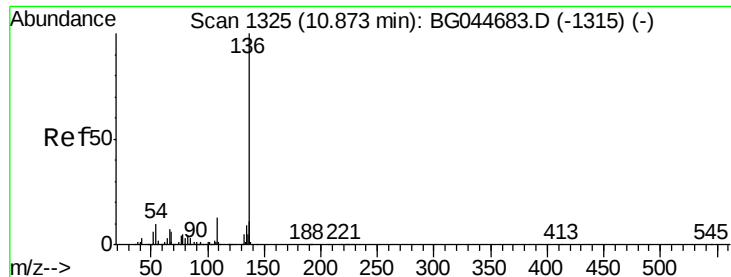
#20
3+4-Methylphenols
Concen: 6.719 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion: 107 Resp: 55058
Ion Ratio Lower Upper
107 100
108 85.9 70.8 110.8
77 37.1 17.8 57.8
79 29.8 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

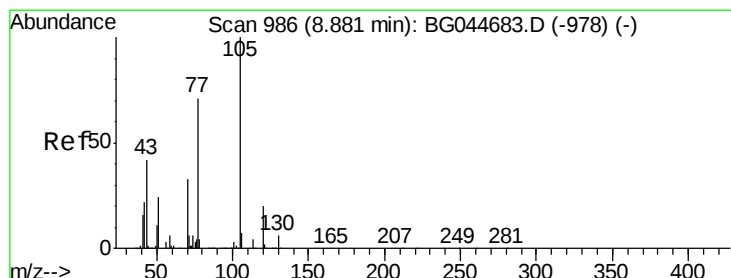
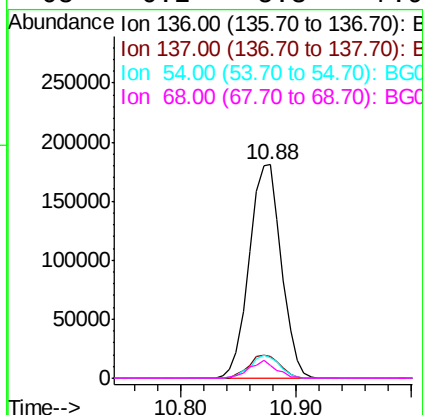
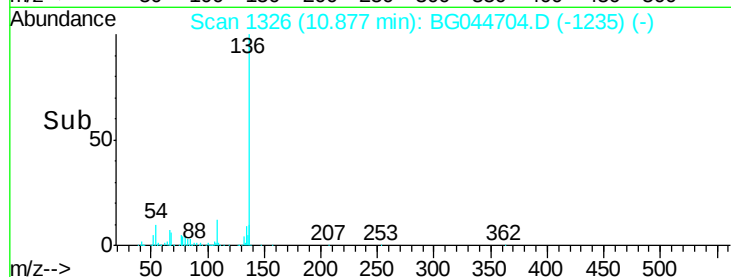
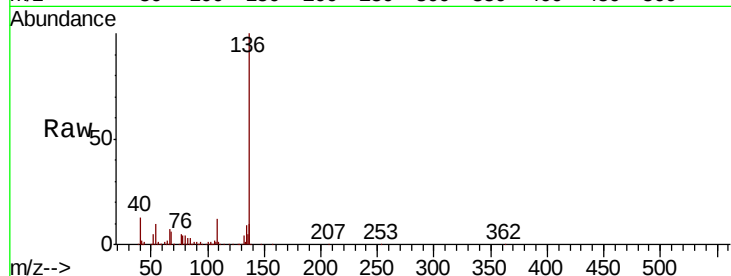




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

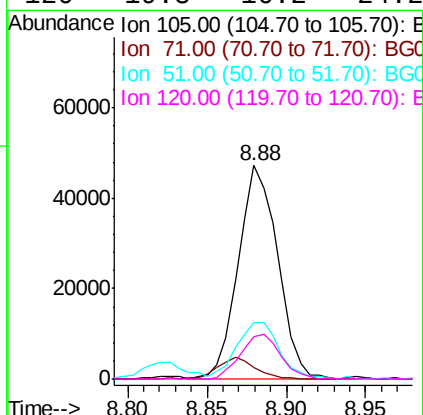
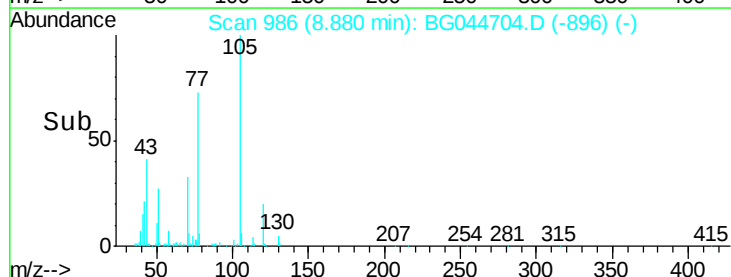
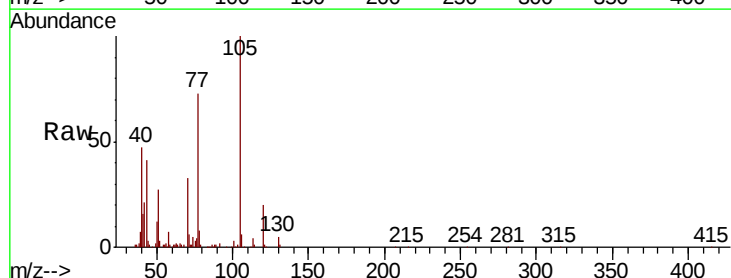
Instrument :
BNA_G
ClientSampleId :

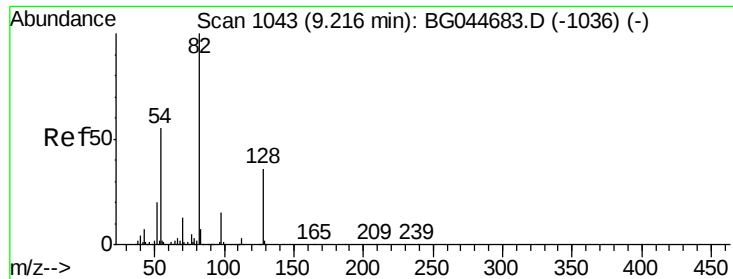
Tot Ion:136	Resp:	349820
Ion Ratio	Lower	Upper
136 100		
137 10.2	8.6	12.8
54 9.9	8.2	12.4
68 6.2	5.3	7.9



#22
Acetophenone
Concen: 7.995 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt	Ion:105	Resp:	81644
Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.8	7.2
51	26.5	24.0	36.0
120	19.8	16.2	24.2

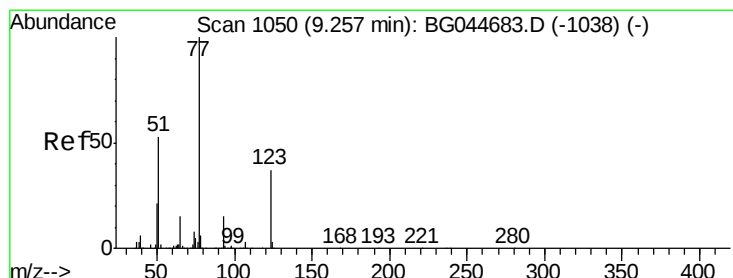
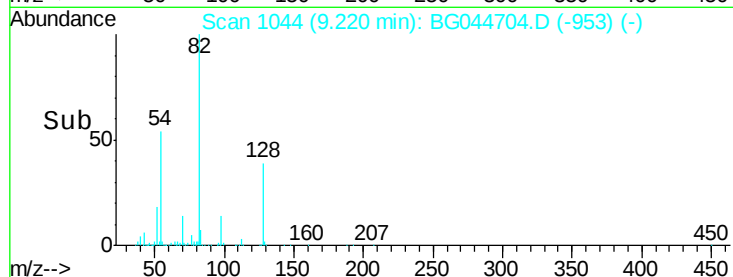
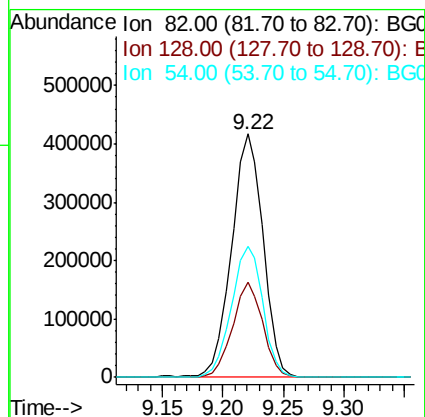
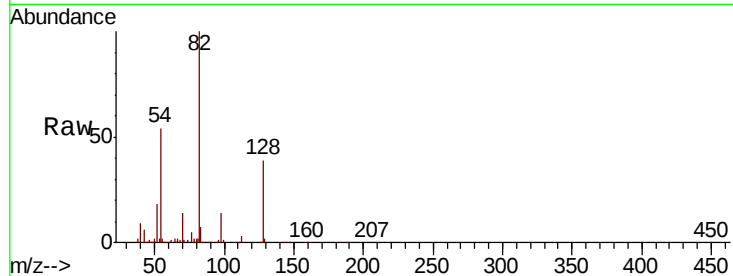




#23
 Nitrobenzene-d5
 Concen: 98.167 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

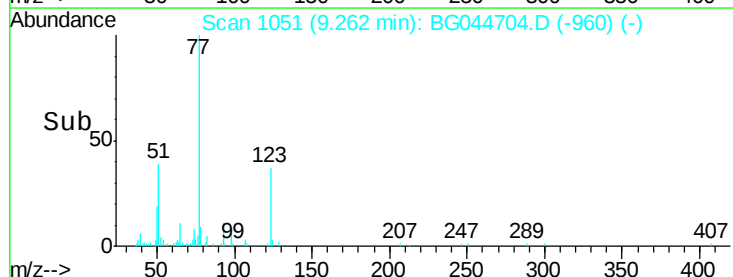
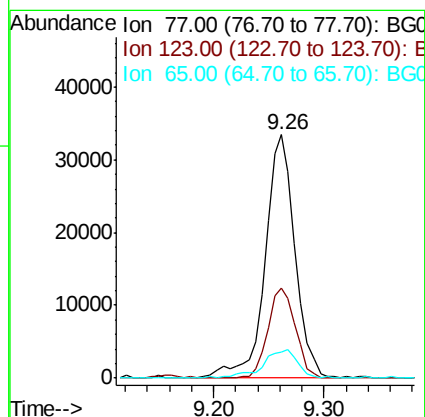
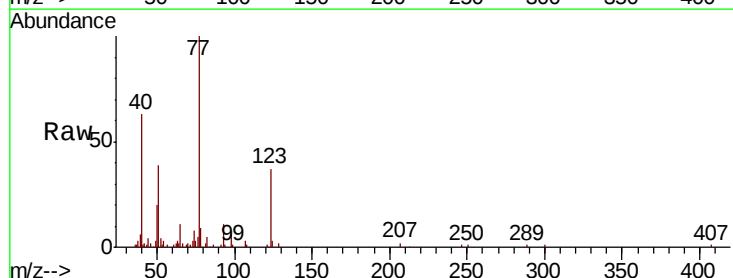
Instrument :
 BNA_G
 ClientSampled :

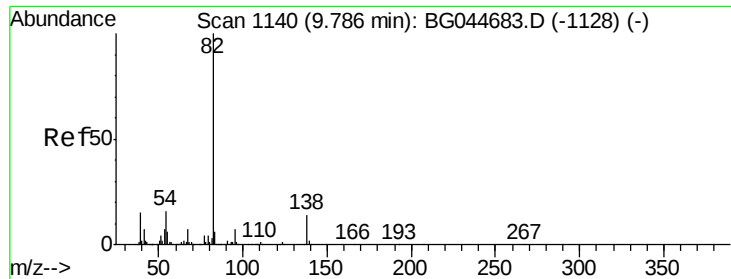
Tot Ion: 82 Resp: 754232
 Ion Ratio Lower Upper
 82 100
 128 38.9 28.5 42.7
 54 53.7 43.6 65.4



#24
 Nitrobenzene
 Concen: 7.738 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Tgt Ion: 77 Resp: 63037
 Ion Ratio Lower Upper
 77 100
 123 36.8 29.7 44.5
 65 10.5 11.7 17.5#





#25

Isophorone

Concen: 6.895 ng

RT: 9.79 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

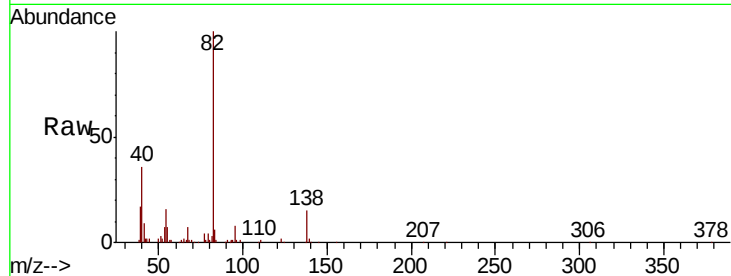
Tot Ion: 82 Resp: 116832

Ion Ratio Lower Upper

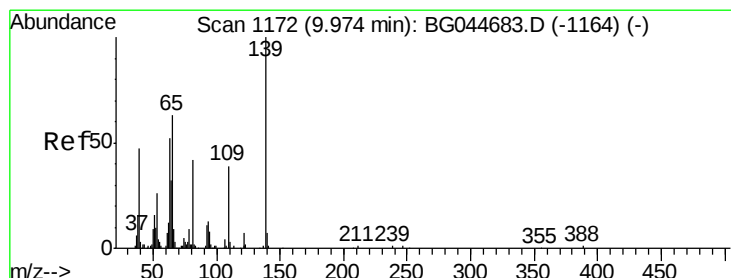
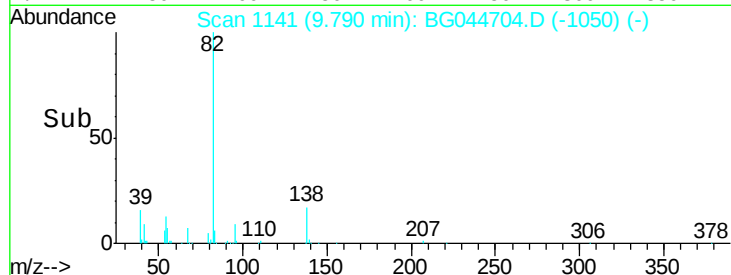
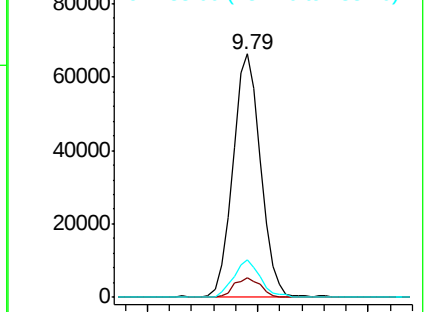
82 100

95 7.9 6.0 9.0

138 15.2 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: 5.653 ng

RT: 9.98 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

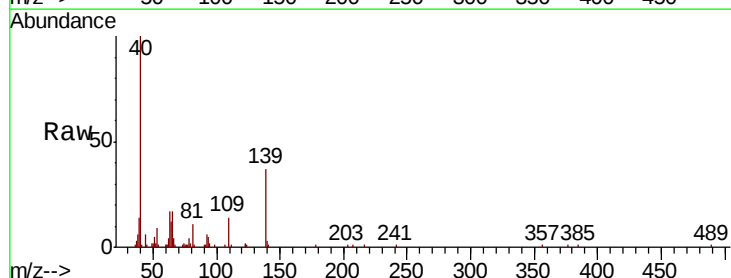
Tgt Ion: 139 Resp: 15059

Ion Ratio Lower Upper

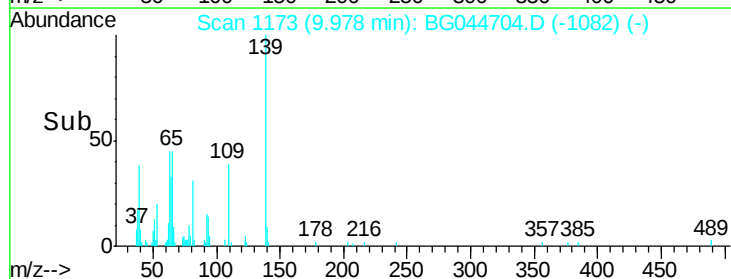
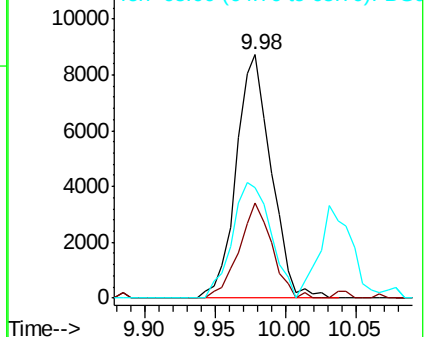
139 100

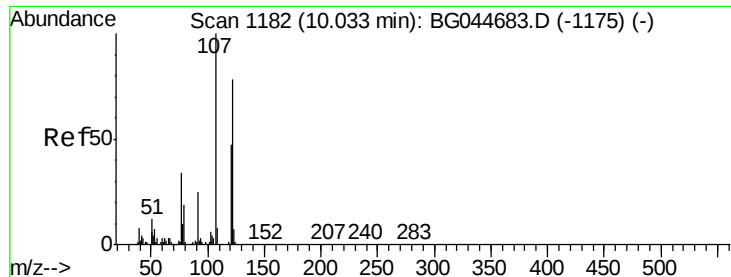
109 39.1 31.1 46.7

65 45.5 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

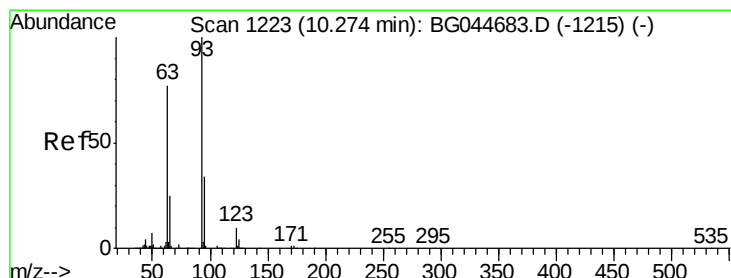
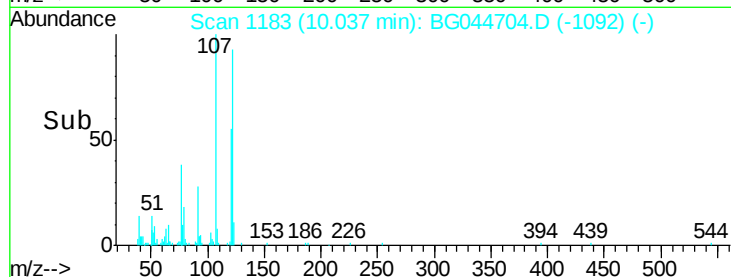
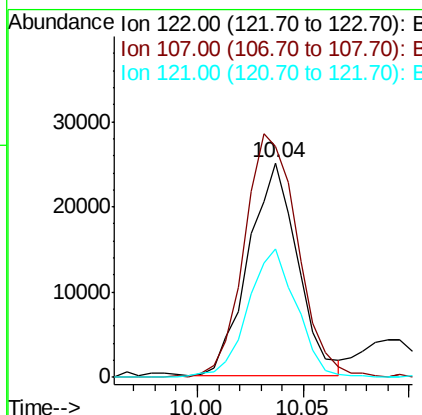
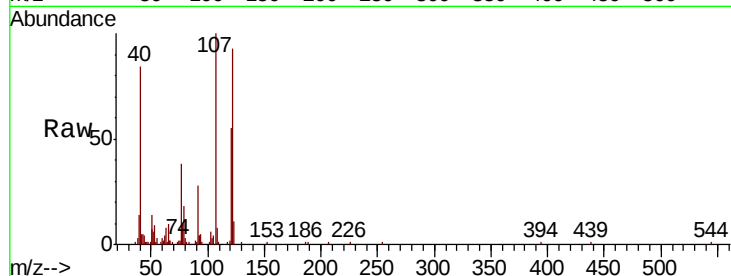




#27
 2,4-Dimethylphenol
 Concen: 7.554 ng
 RT: 10.04 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

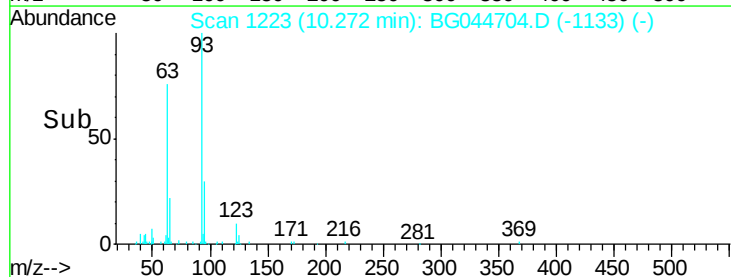
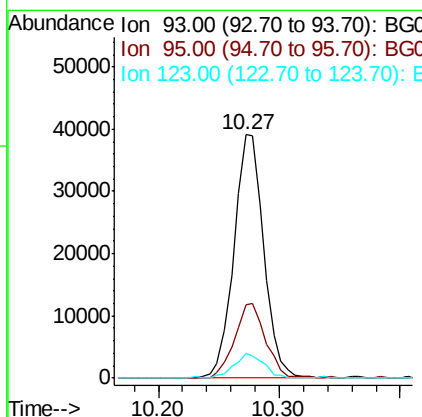
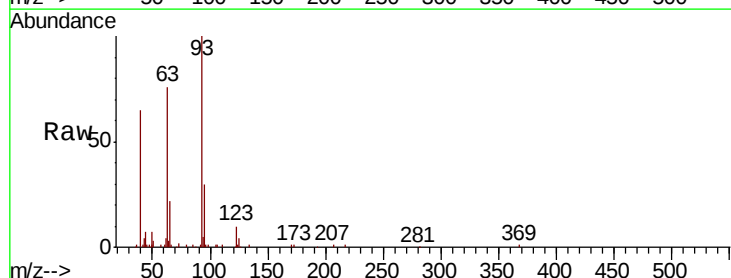
Instrument :
 BNA_G
 ClientSampleId :

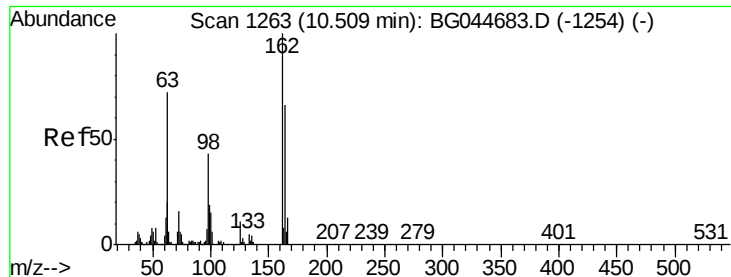
Tot Ion:122 Resp: 40154
 Ion Ratio Lower Upper
 122 100
 107 107.6 101.7 152.5
 121 59.6 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 7.050 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Tgt Ion: 93 Resp: 67246
 Ion Ratio Lower Upper
 93 100
 95 30.1 27.0 40.6
 123 10.2 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 6.627 ng

RT: 10.51 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

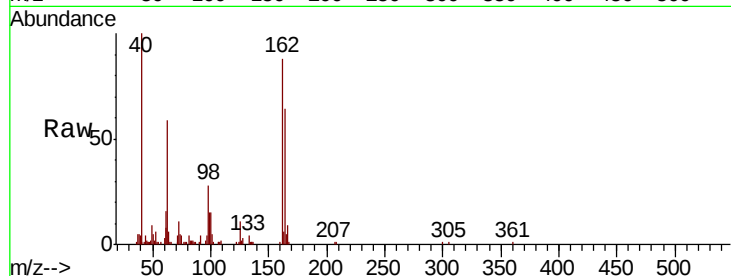
Tot Ion:162 Resp: 40082

Ion Ratio Lower Upper

162 100

164 73.1 46.1 86.1

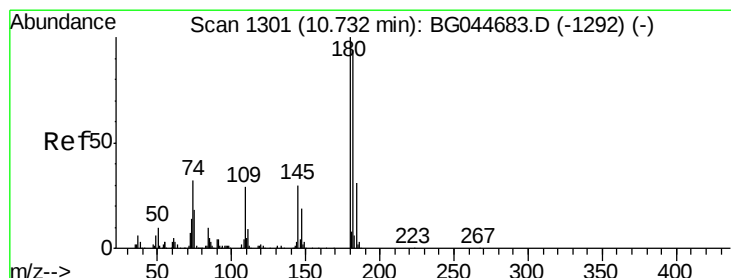
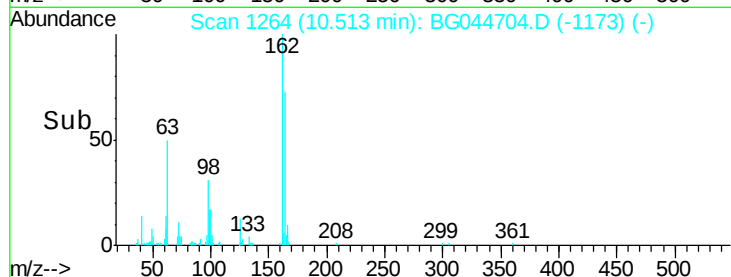
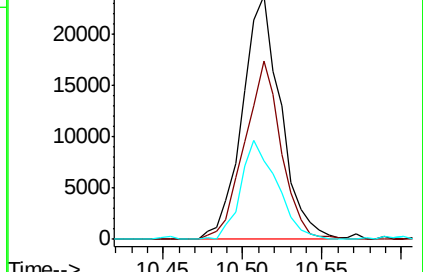
98 32.0 22.8 62.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 7.199 ng

RT: 10.74 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

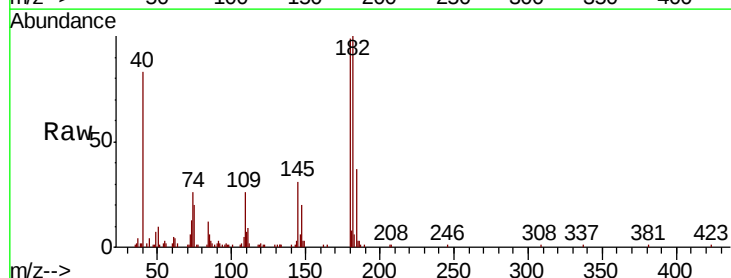
Tgt Ion:180 Resp: 50575

Ion Ratio Lower Upper

180 100

182 101.4 75.1 112.7

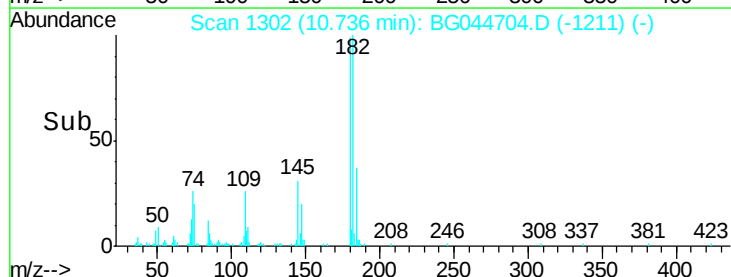
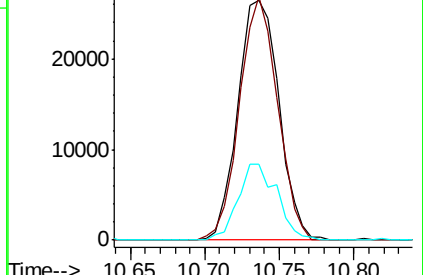
145 31.9 23.8 35.8

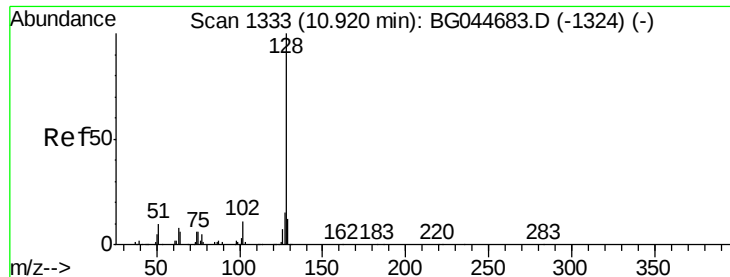


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

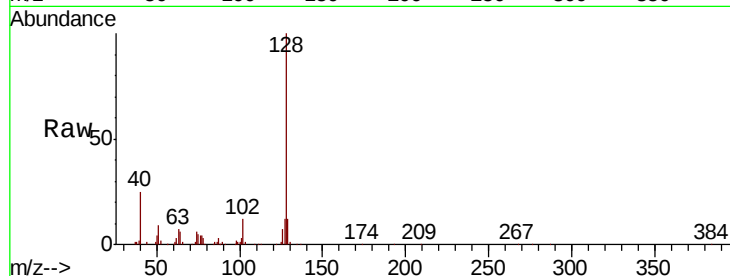




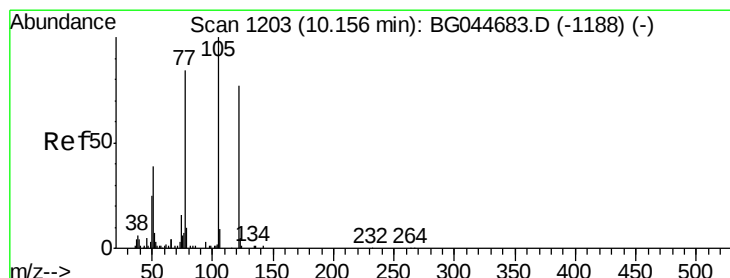
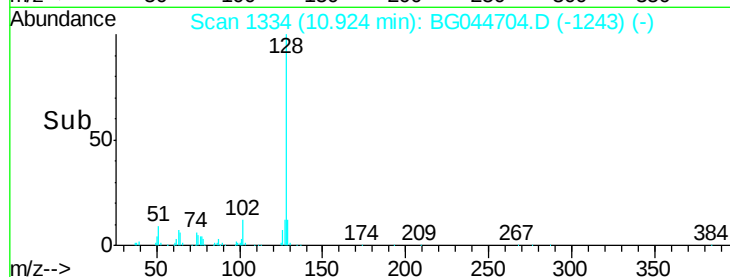
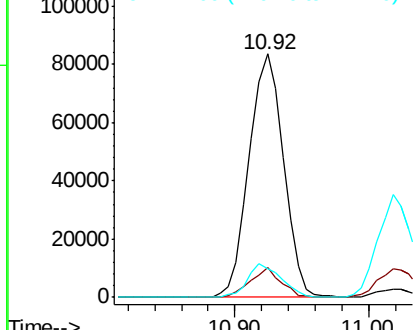
#31
Naphthalene
Concen: 7.614 ng
RT: 10.92 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 149467
Ion Ratio Lower Upper
128 100
129 12.0 9.7 14.5
127 11.6 11.6 17.4

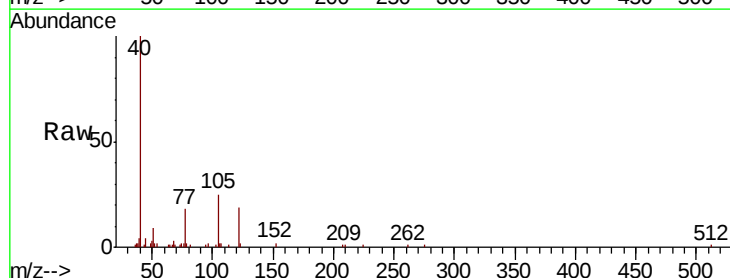


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

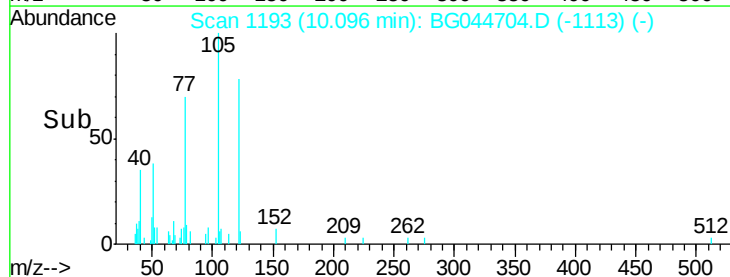
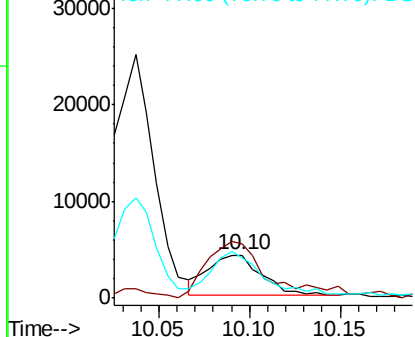


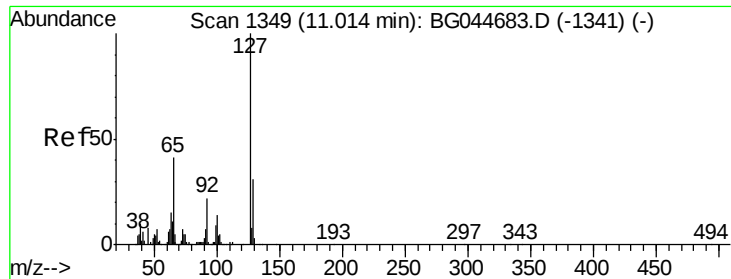
#32
Benzoic acid
Concen: 2.282 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.06 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion:122 Resp: 8509
Ion Ratio Lower Upper
122 100
105 127.7 105.1 145.1
77 94.6 87.7 127.7



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

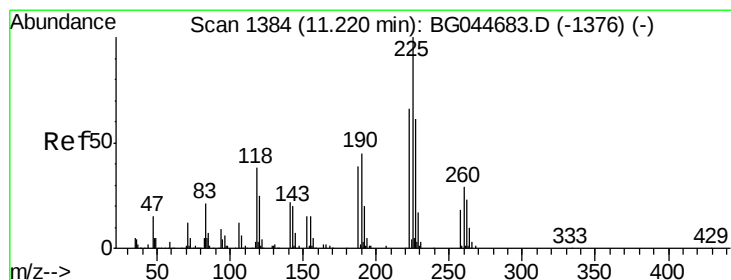
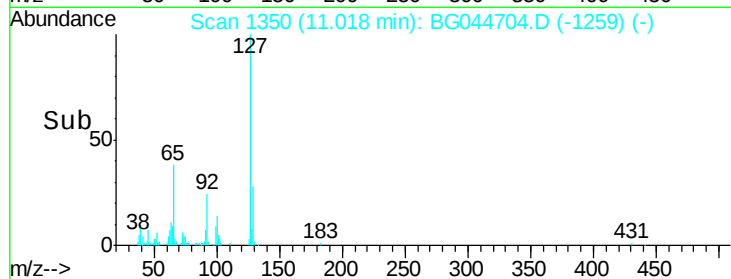
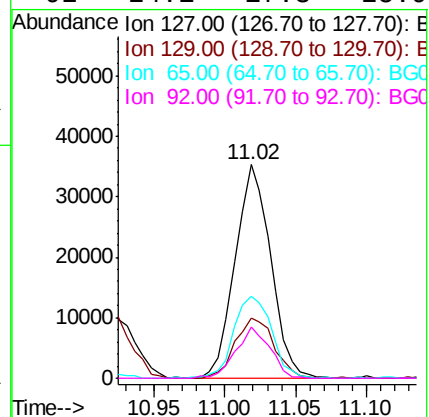
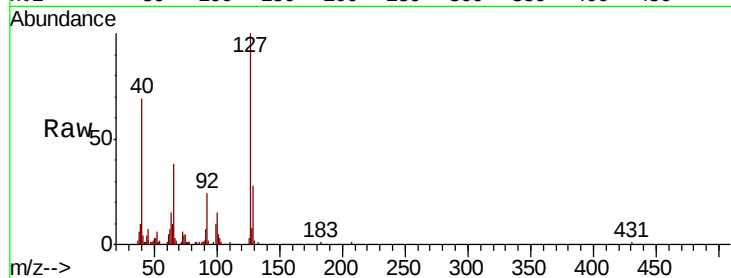




#33
4-Chloroaniline
Concen: 6.903 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

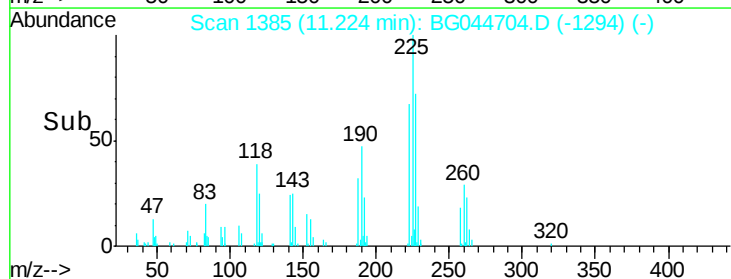
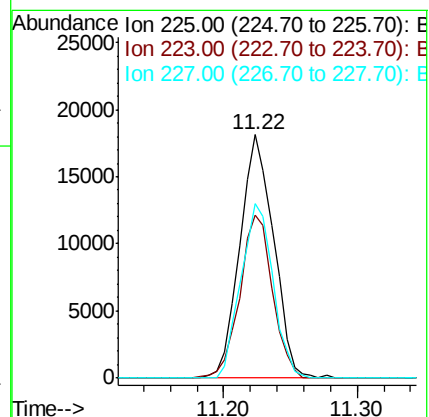
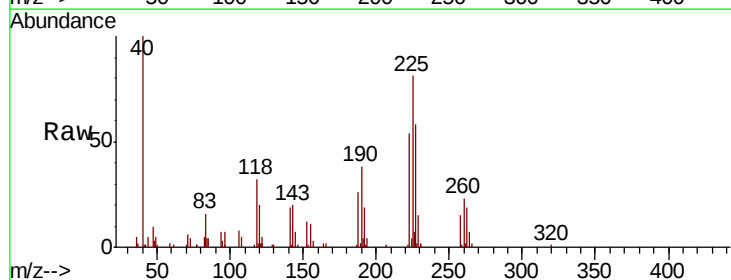
Instrument :
BNA_G
ClientSampleId :

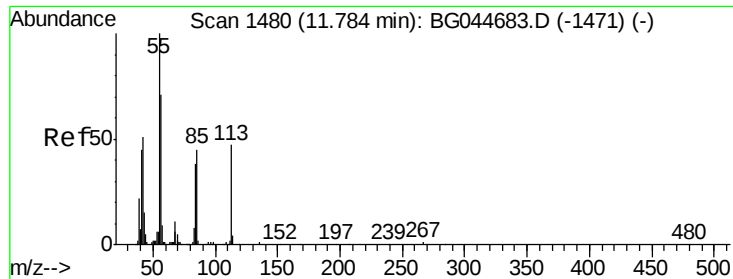
Tot Ion:127	Resp: 62416
Ion Ratio	Lower Upper
127 100	
129 28.3	25.0 37.4
65 38.4	32.7 49.1
92 24.1	17.3 25.9



#34
Hexachlorobutadiene
Concen: 6.601 ng
RT: 11.22 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt	Ion:225	Resp:	31687
Ion	Ratio	Lower	Upper
225	100		
223	67.1	52.4	78.6
227	71.9	48.7	73.1





#35

Caprolactam

Concen: 6.218 ng

RT: 11.76 min Scan# 1477

Delta R.T. -0.02 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

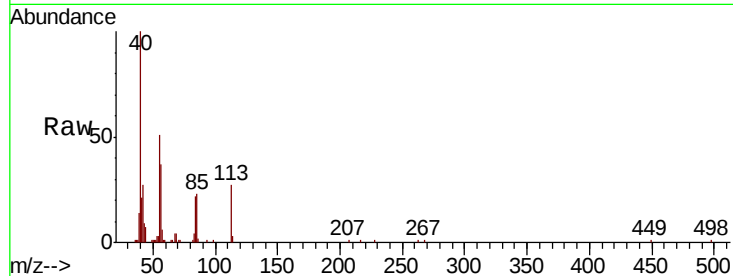
Tot Ion:113 Resp: 15699

Ion Ratio Lower Upper

113 100

55 188.1 194.3 234.3#

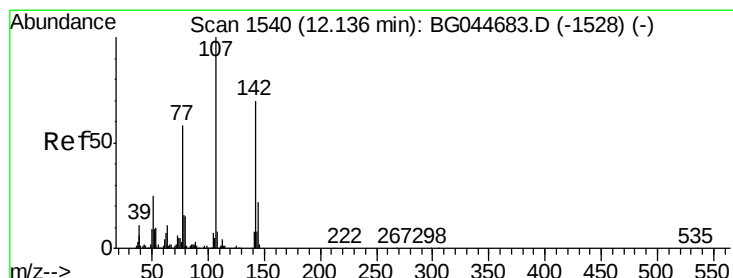
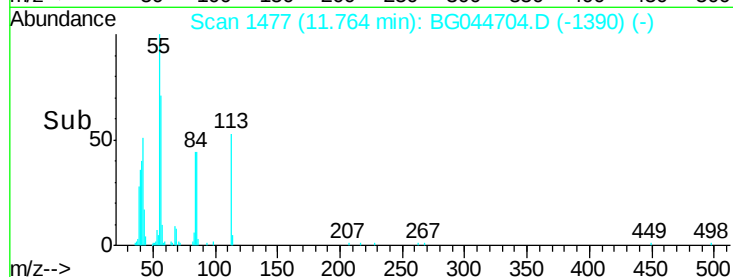
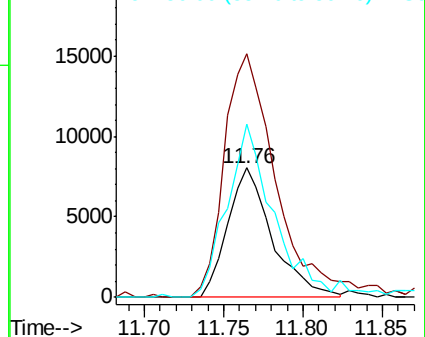
56 134.0 131.4 171.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 6.642 ng

RT: 12.13 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

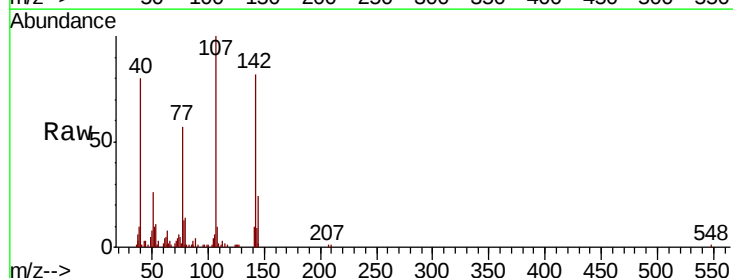
Tgt Ion:107 Resp: 50877

Ion Ratio Lower Upper

107 100

144 24.4 17.9 26.9

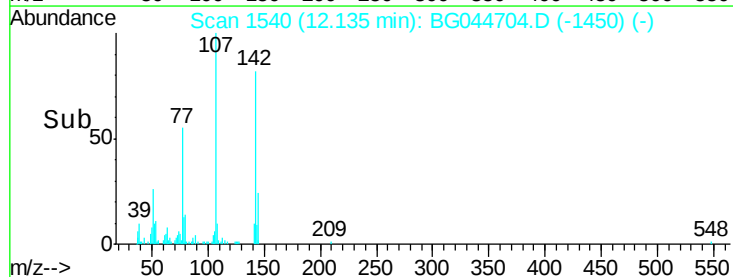
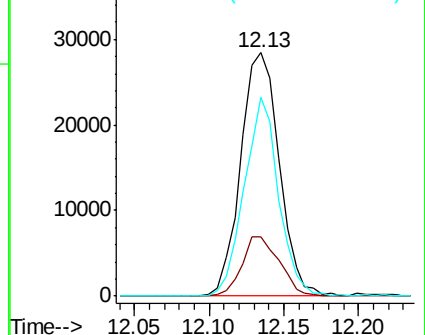
142 81.7 55.8 83.8

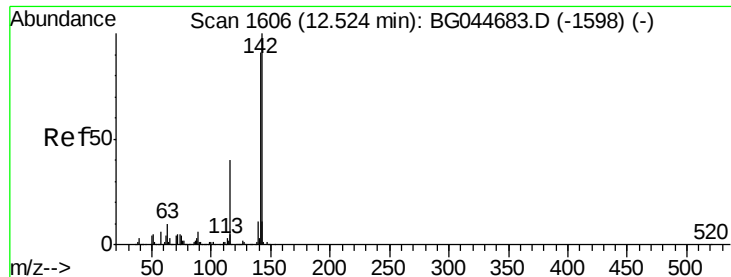


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

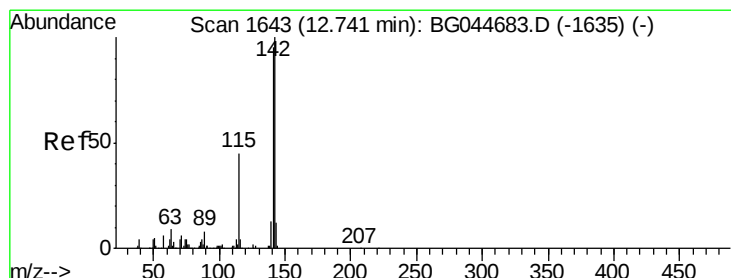
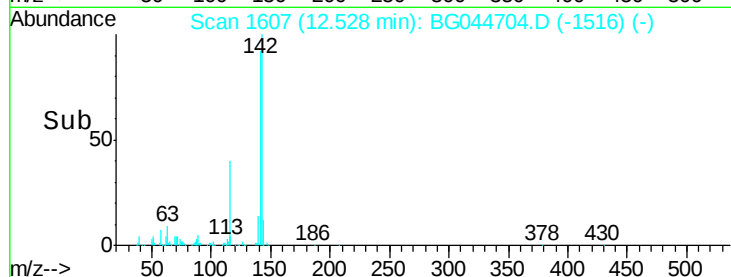
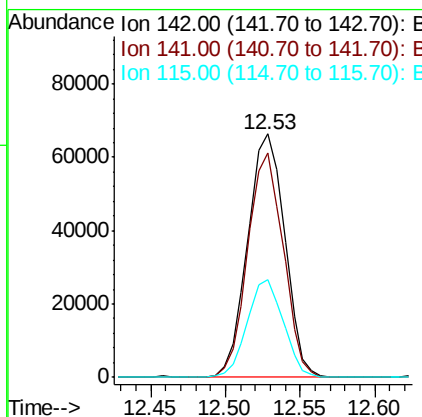
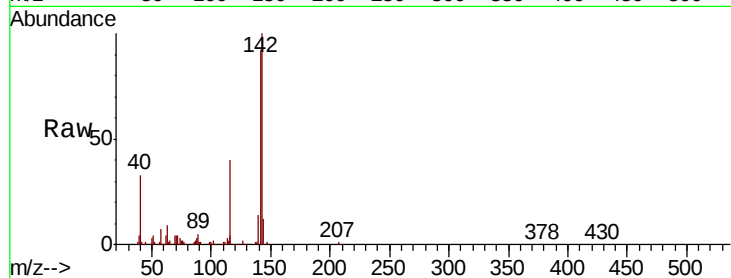




#37
2-Methylnaphthalene
Concen: 7.699 ng
RT: 12.53 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

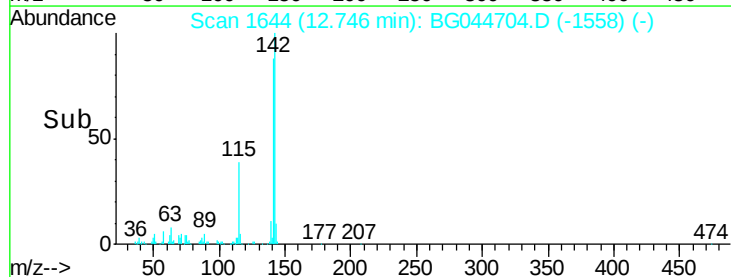
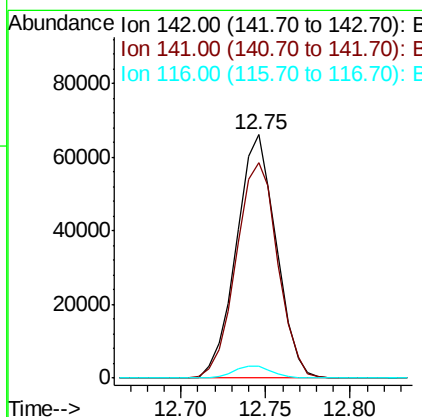
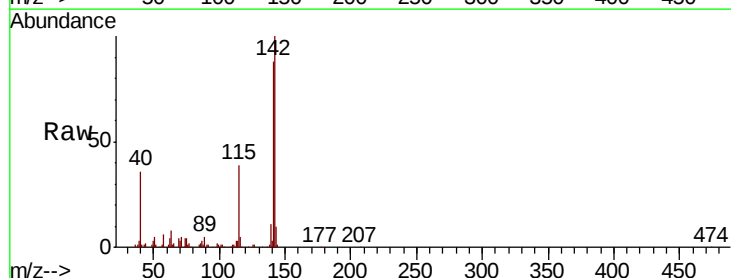
Instrument :
BNA_G
ClientSampleId :

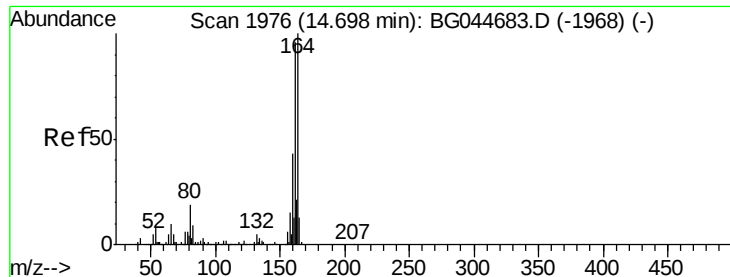
Tot Ion:142 Resp: 114065
Ion Ratio Lower Upper
142 100
141 92.1 72.9 109.3
115 40.0 32.3 48.5



#38
1-Methylnaphthalene
Concen: 7.761 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion:142 Resp: 108692
Ion Ratio Lower Upper
142 100
141 88.2 76.2 114.2
116 4.9 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

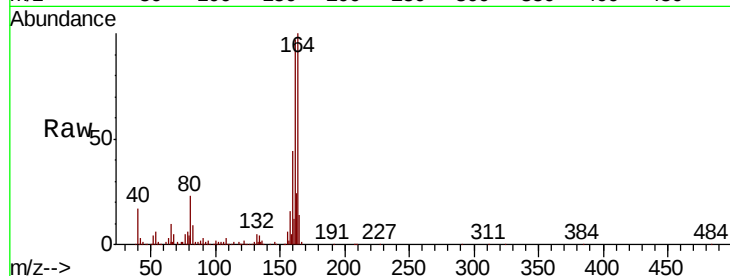
Tot Ion:164 Resp: 238552

Ion Ratio Lower Upper

164 100

162 97.1 76.5 114.7

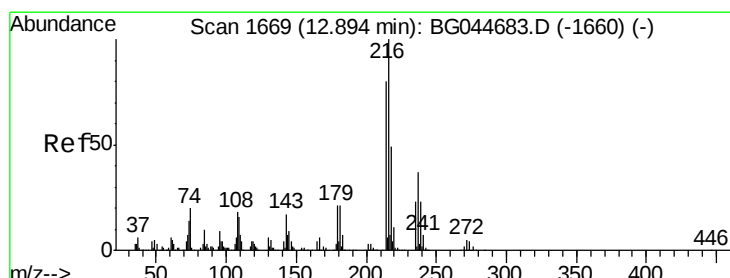
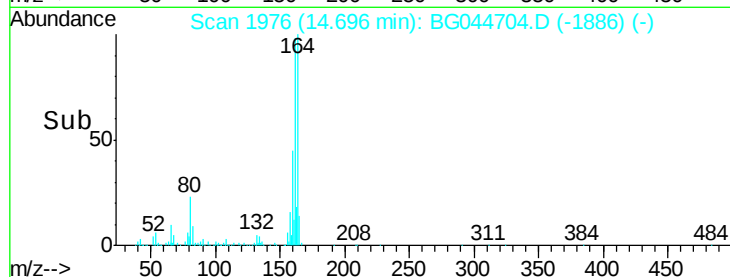
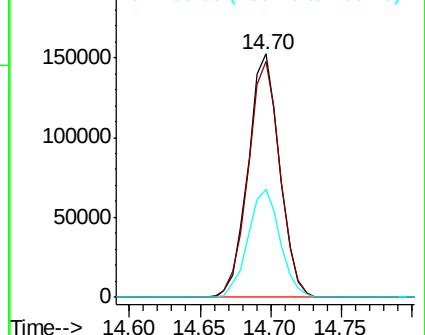
160 44.3 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.862 ng

RT: 12.89 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Tgt Ion:216 Resp: 60882

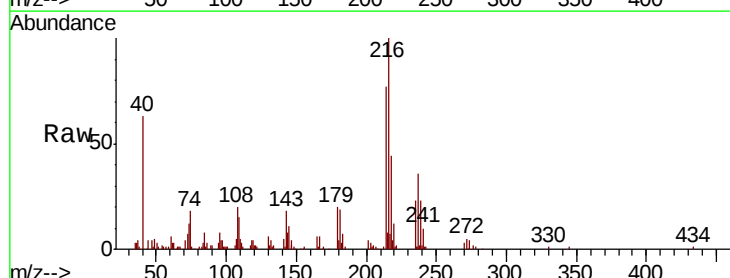
Ion Ratio Lower Upper

216 100

214 78.2 64.5 96.7

179 19.7 16.7 25.1

108 19.3 15.8 23.6

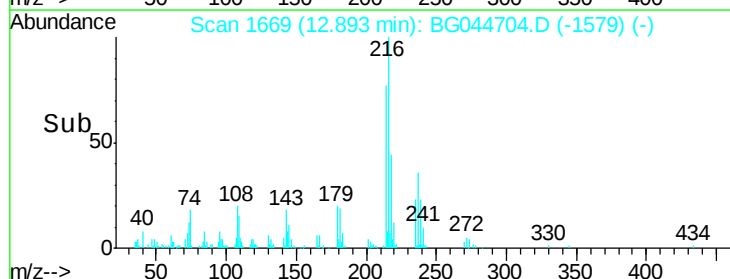
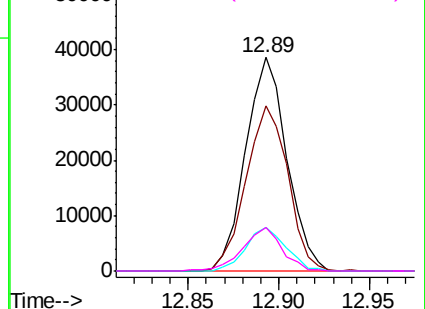


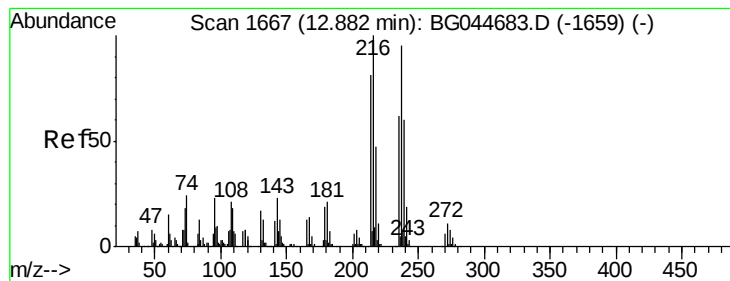
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 6.714 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampled :

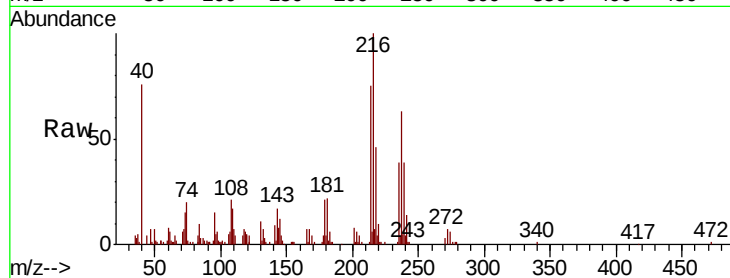
Tot Ion:237 Resp: 30405

Ion Ratio Lower Upper

237 100

235 62.6 44.7 84.7

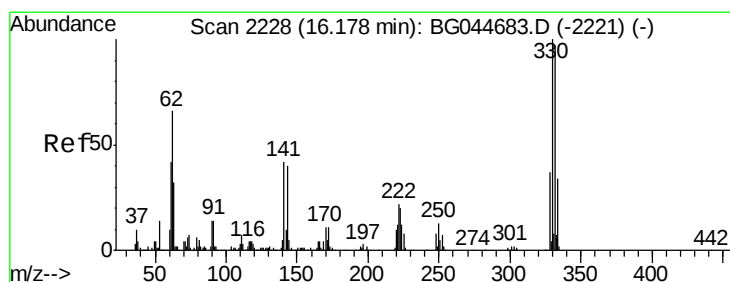
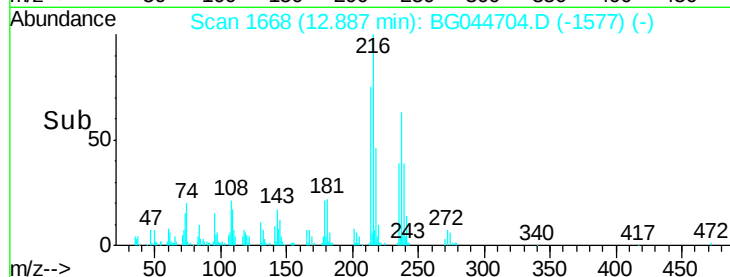
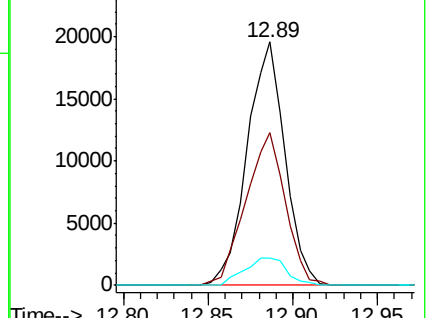
272 11.2 0.0 31.7



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: 140.567 ng

RT: 16.18 min Scan# 2229

Delta R.T. 0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

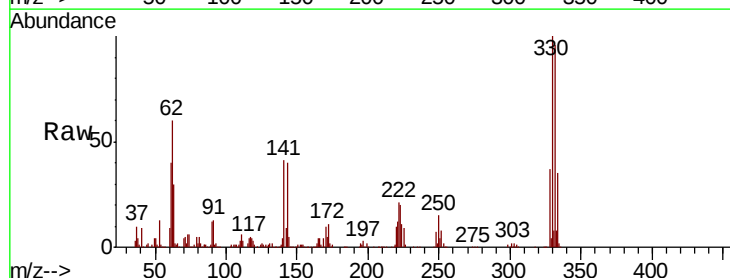
Tgt Ion:330 Resp: 460624

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

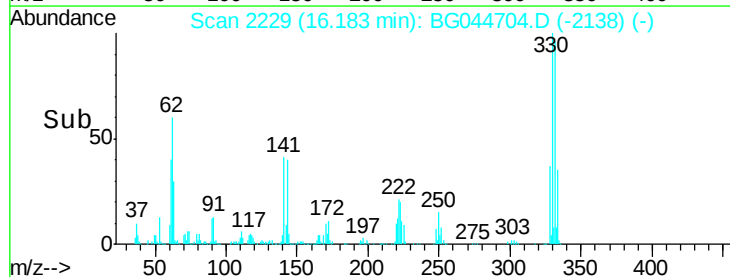
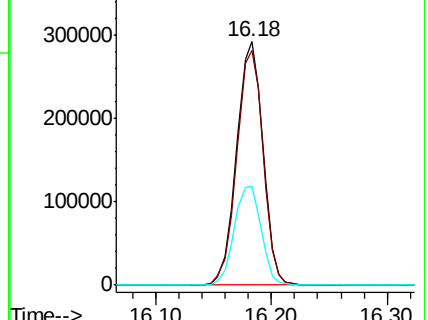
141 41.7 32.4 48.6

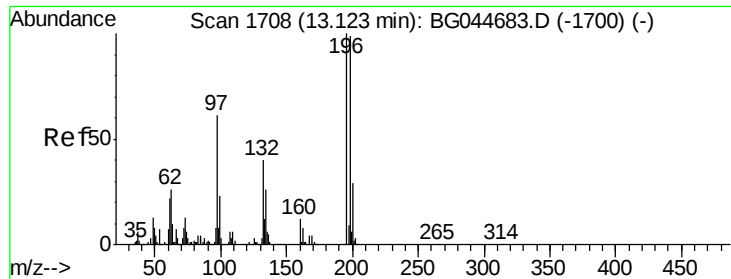


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

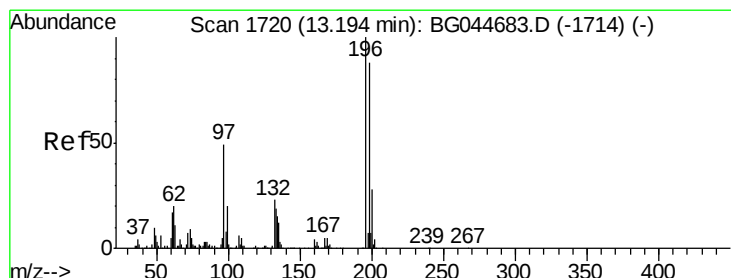
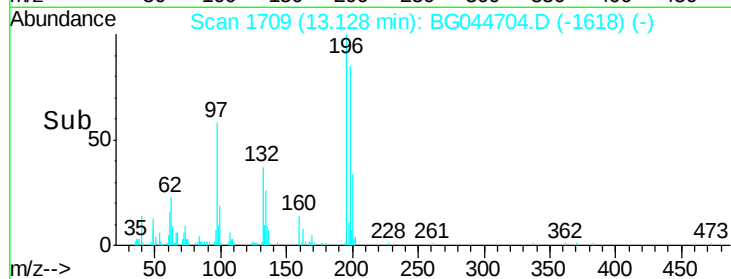
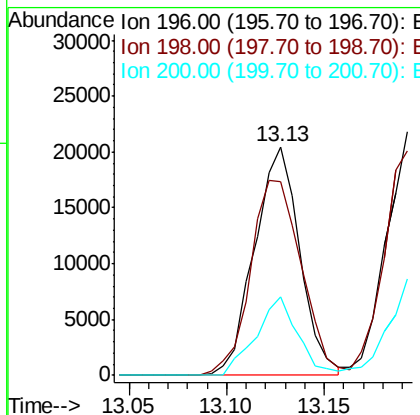
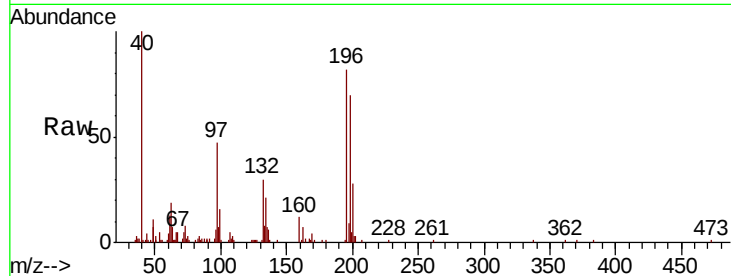




#43
 2,4,6-Trichlorophenol
 Concen: 6.128 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

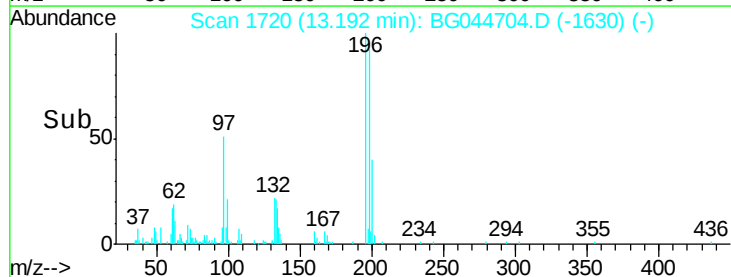
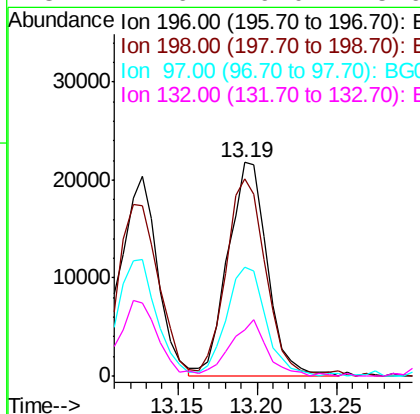
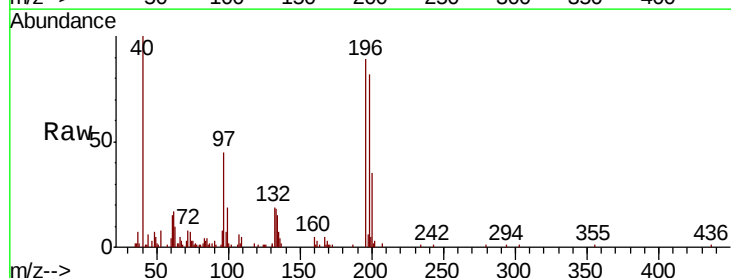
Instrument :
 BNA_G
 ClientSampled :

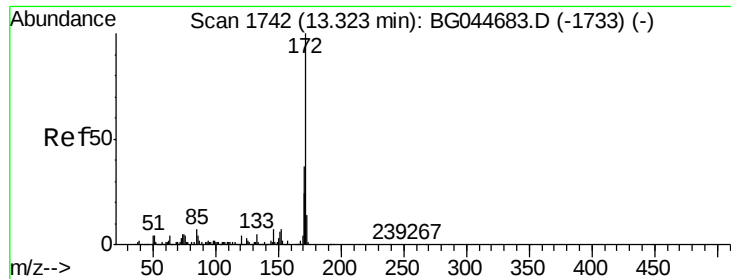
Tot Ion	196	Resp	32897
Ion Ratio	Lower	Upper	
196	100		
198	85.0	79.3	118.9
200	34.4	23.0	34.6



#44
 2,4,5-Trichlorophenol
 Concen: 6.804 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Tgt Ion	196	Resp	37463
Ion Ratio	Lower	Upper	
196	100		
198	92.1	70.7	106.1
97	50.9	39.4	59.2
132	21.6	19.0	28.6



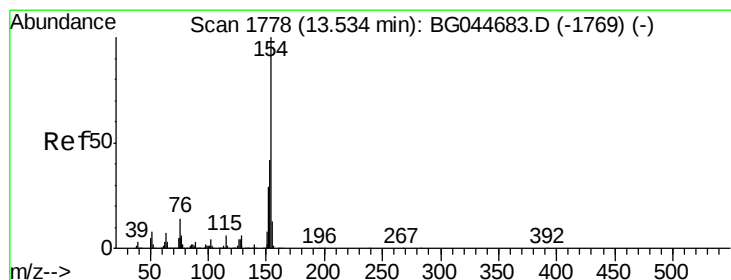
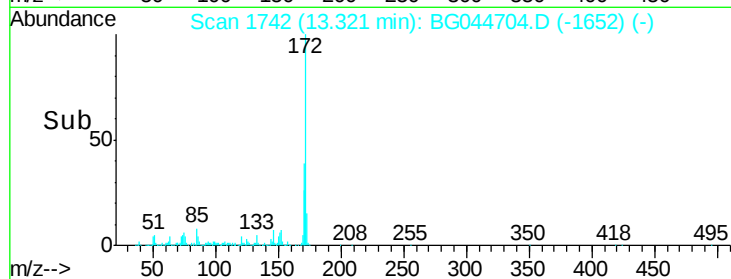
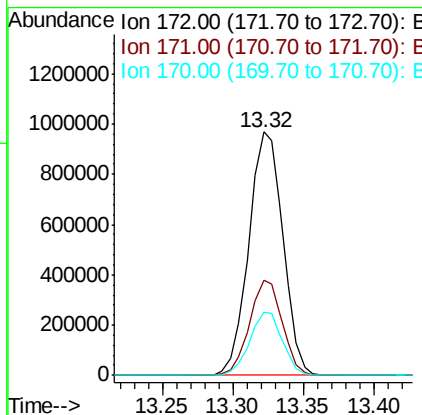
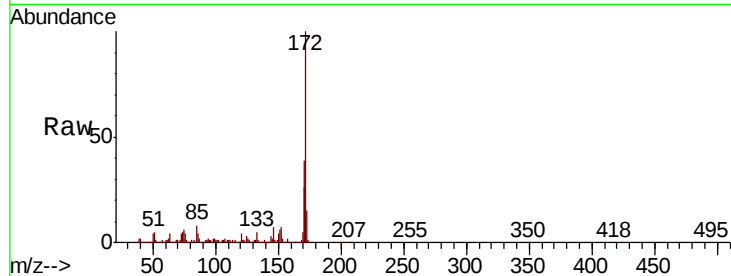


#45
 2-Fluorobiphenyl
 Concen: 96.030 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1644506

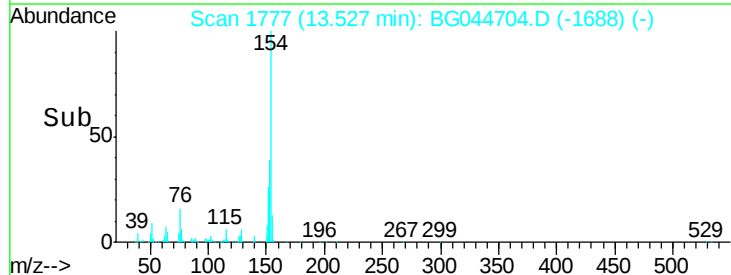
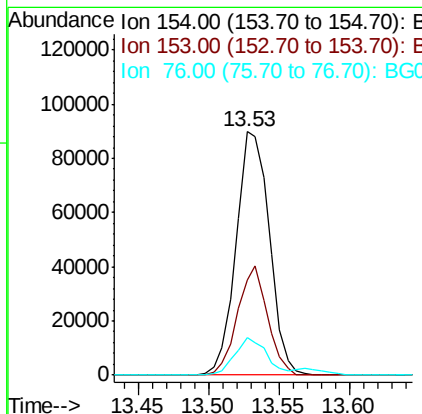
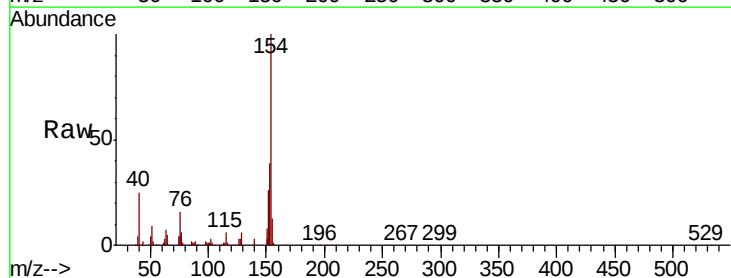
Ion	Ratio	Lower	Upper
172	100		
171	39.3	29.8	44.8
170	25.9	19.3	28.9

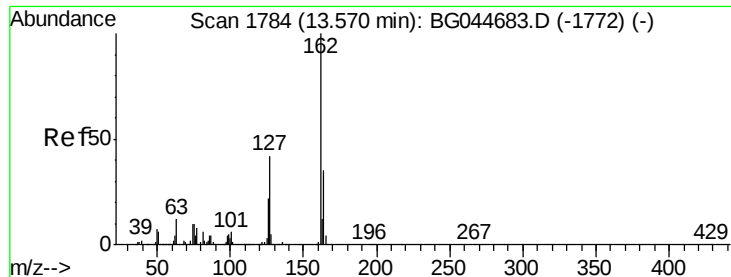


#46
 1,1'-Biphenyl
 Concen: 7.777 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Tgt Ion:154 Resp: 147554

Ion	Ratio	Lower	Upper
154	100		
153	39.3	22.1	62.1
76	15.6	0.0	34.5





#47

2-Chloronaphthalene

Concen: 7.264 ng

RT: 13.57 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

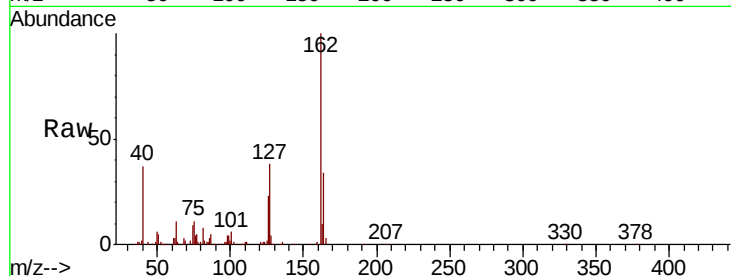
Tot Ion:162 Resp: 105124

Ion Ratio Lower Upper

162 100

127 38.0 33.9 50.9

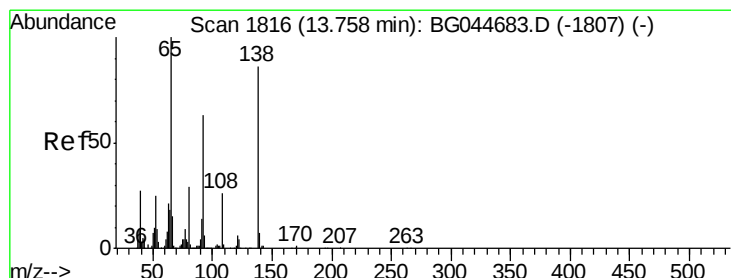
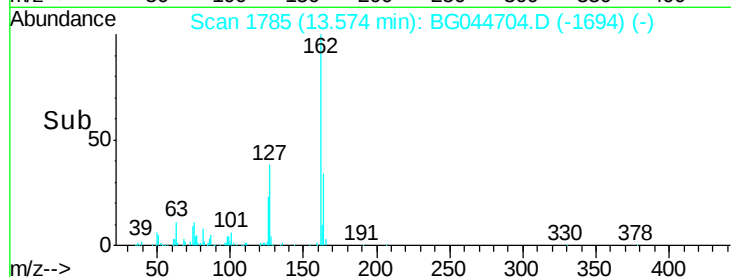
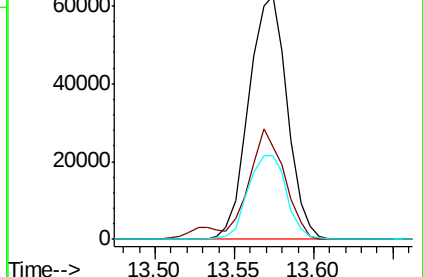
164 34.3 28.3 42.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 4.946 ng

RT: 13.76 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

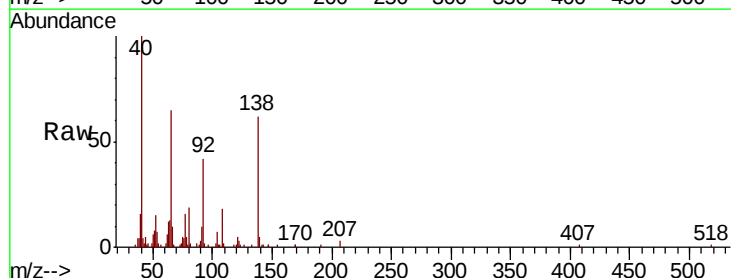
Tgt Ion: 65 Resp: 24144

Ion Ratio Lower Upper

65 100

92 64.7 50.6 75.8

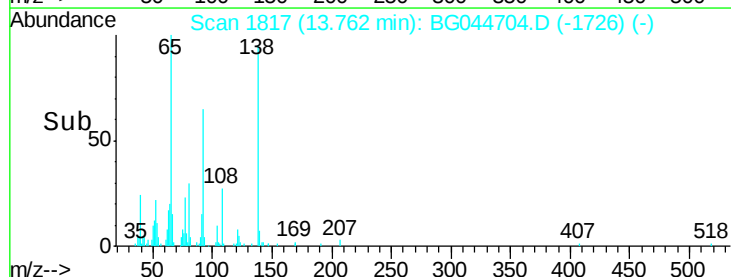
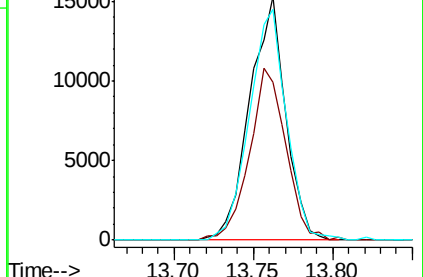
138 94.7 68.8 103.2

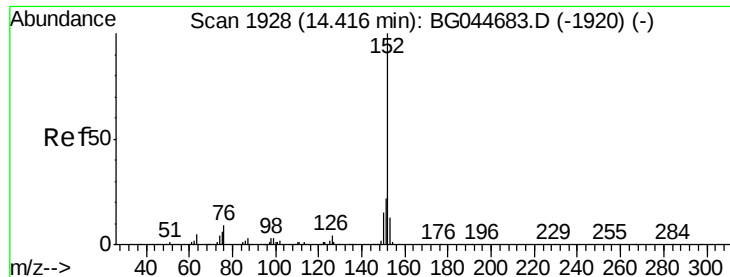


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 7.874 ng

RT: 14.41 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

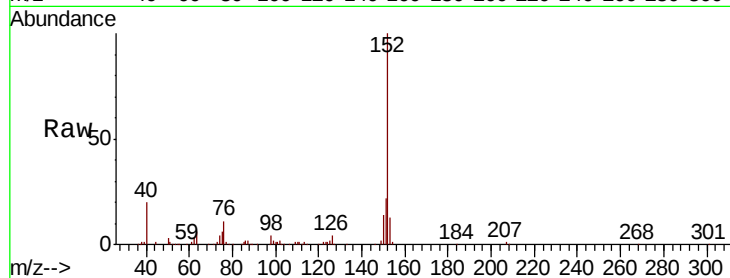
Tot Ion:152 Resp: 182585

Ion Ratio Lower Upper

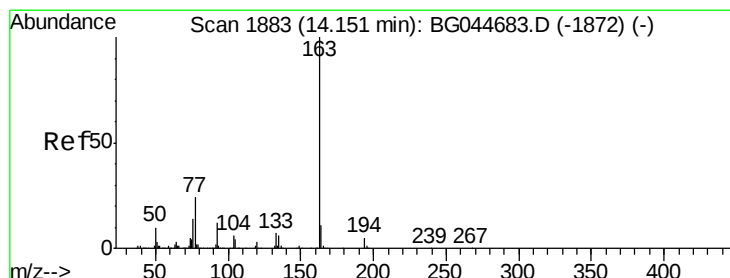
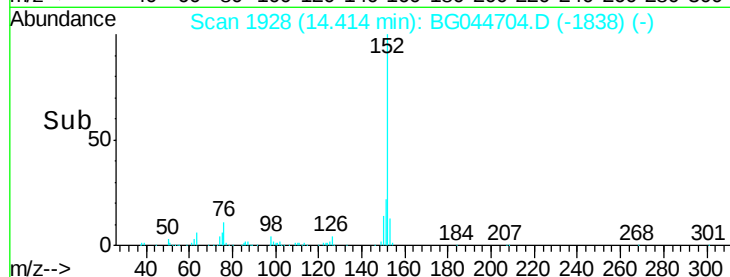
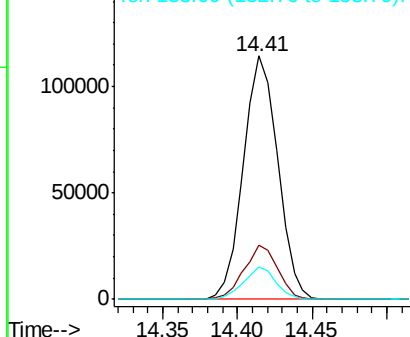
152 100

151 22.3 17.6 26.4

153 13.4 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: 7.283 ng

RT: 14.14 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

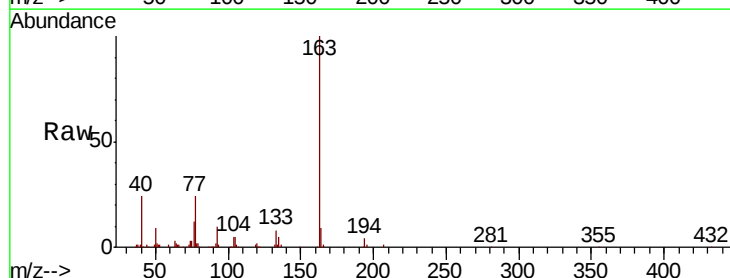
Tgt Ion:163 Resp: 144430

Ion Ratio Lower Upper

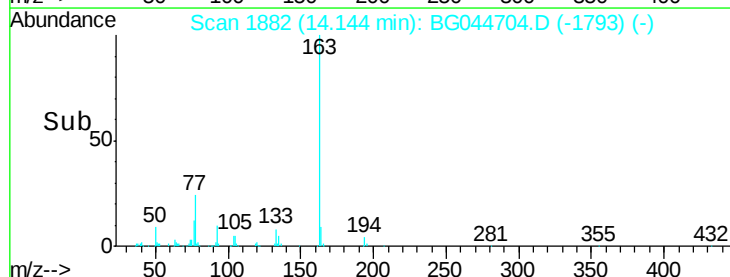
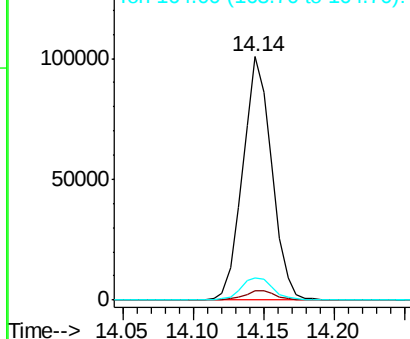
163 100

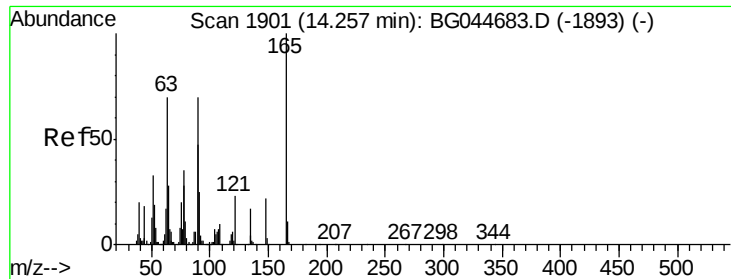
194 3.9 3.7 5.5

164 9.0 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

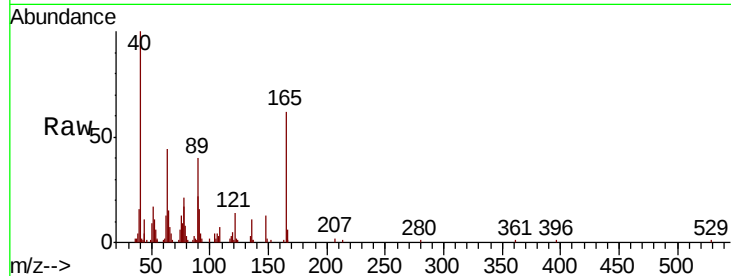




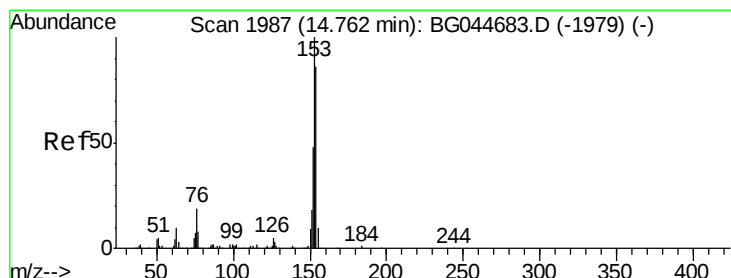
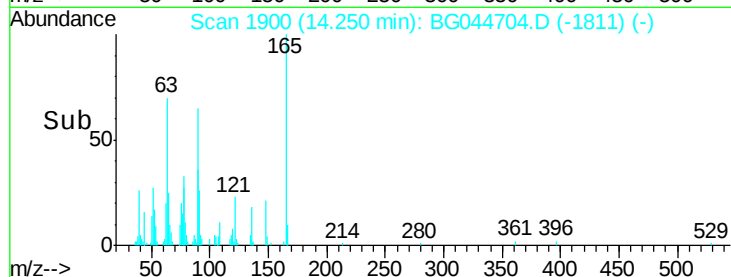
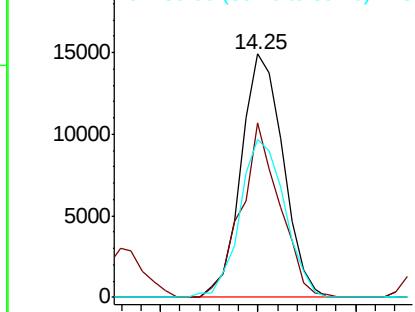
#51
 2,6-Dinitrotoluene
 Concen: 6.221 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 22169
 Ion Ratio Lower Upper
 165 100
 63 71.6 57.4 86.0
 89 64.7 56.2 84.2

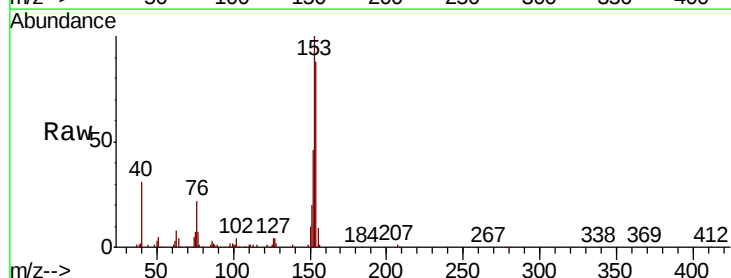


Abundance Ion 165.00 (164.70 to 165.70): E
 20000 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

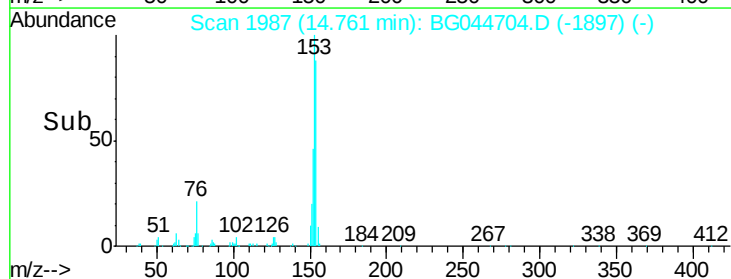
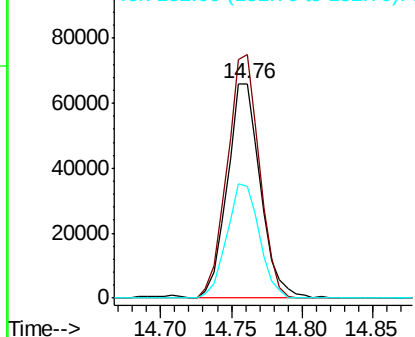


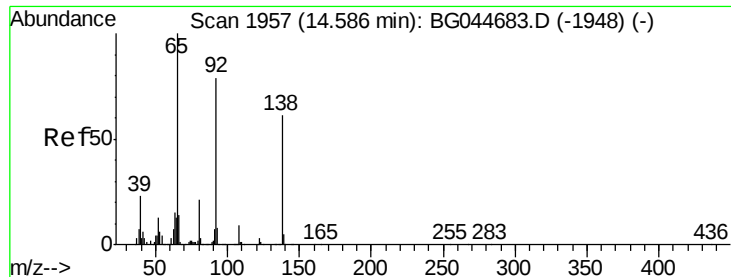
#52
 Acenaphthene
 Concen: 7.164 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Tgt Ion:154 Resp: 107402
 Ion Ratio Lower Upper
 154 100
 153 113.4 92.6 138.8
 152 52.1 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E
 100000 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

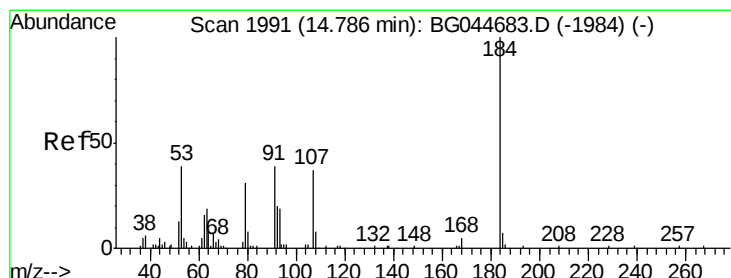
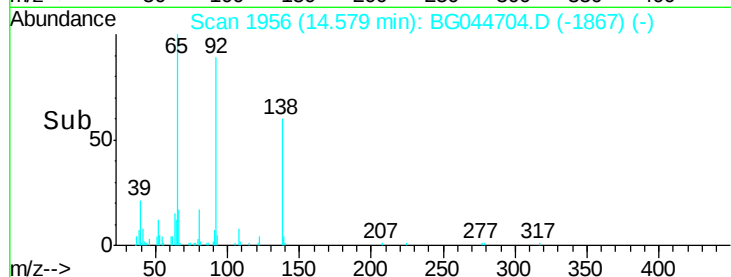
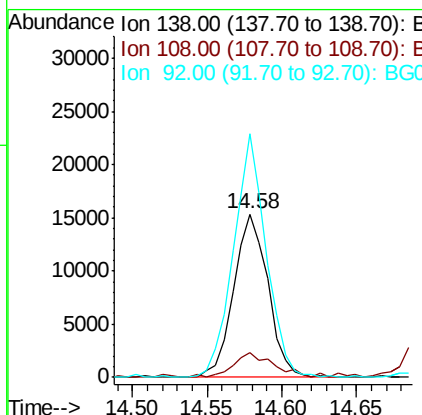
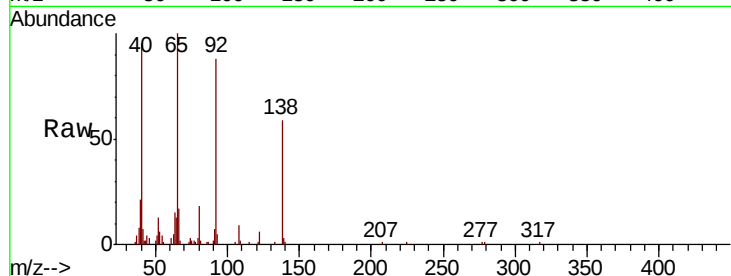




#53
3-Nitroaniline
Concen: 5.950 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

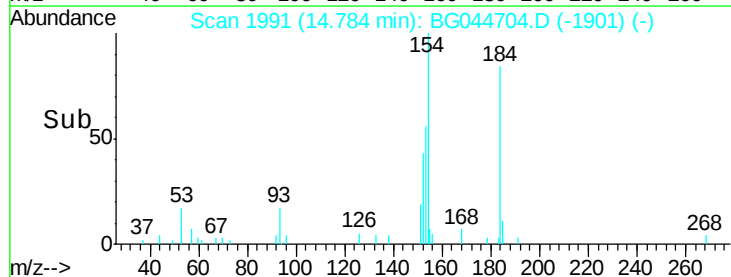
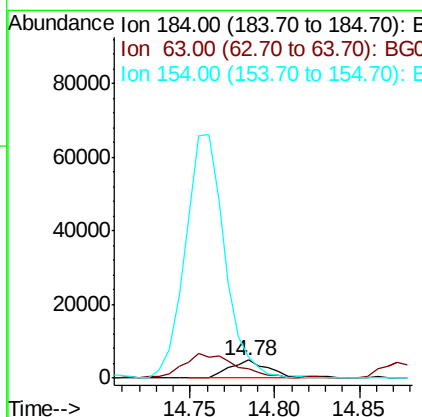
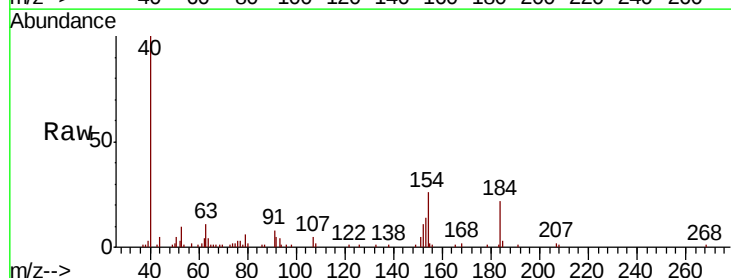
Instrument :
BNA_G
ClientSampleId :

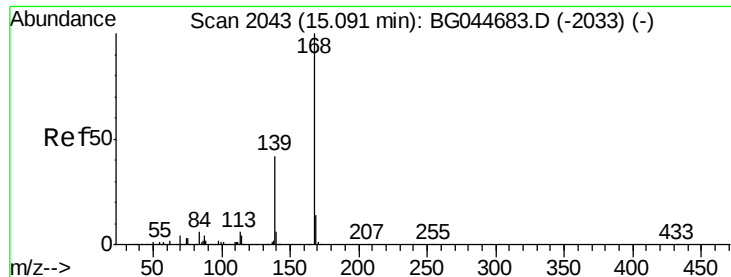
Tot Ion:138 Resp: 24437
Ion Ratio Lower Upper
138 100
108 15.1 12.2 18.4
92 148.8 105.1 157.7



#54
2,4-Dinitrophenol
Concen: 4.879 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion:184 Resp: 8072
Ion Ratio Lower Upper
184 100
63 49.2 42.4 63.6
154 119.6 75.0 112.4#





#55

Dibenzofuran

Concen: 7.718 ng

RT: 15.09 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampled :

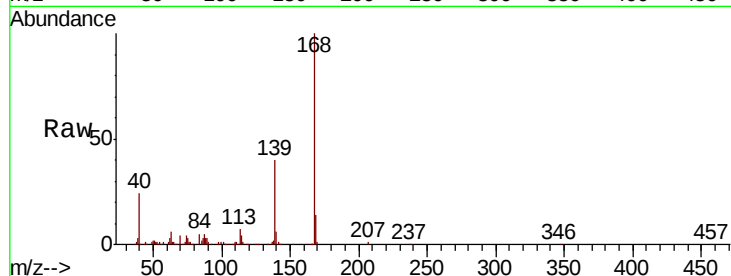
Tot Ion:168 Resp: 173386

Ion Ratio Lower Upper

168 100

139 40.5 33.8 50.6

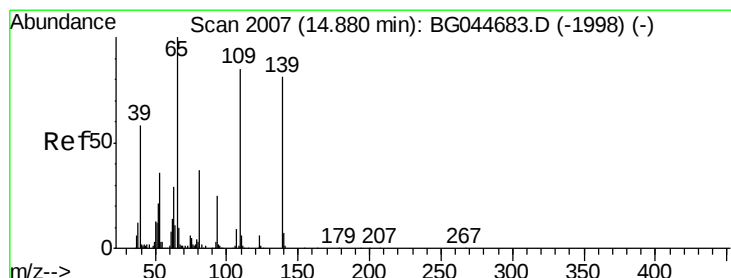
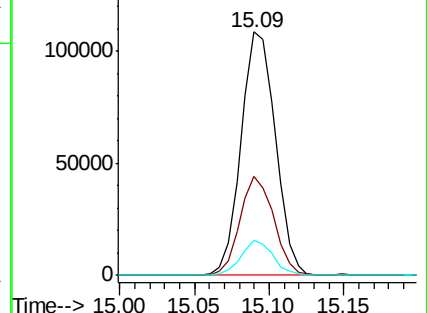
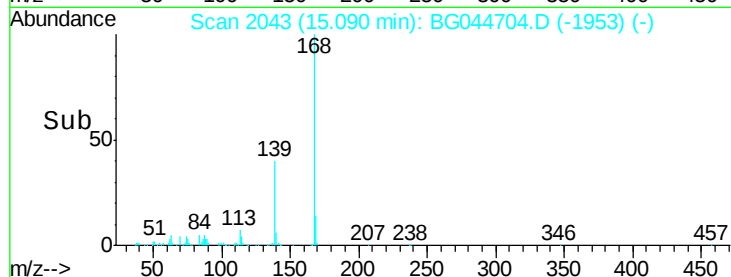
169 14.5 11.0 16.4



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: 5.814 ng

RT: 14.87 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

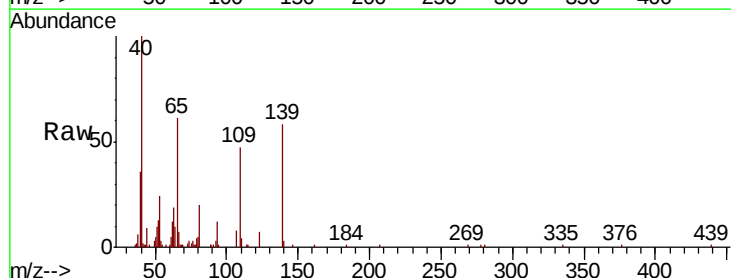
Tgt Ion:139 Resp: 18579

Ion Ratio Lower Upper

139 100

109 81.5 86.0 126.0#

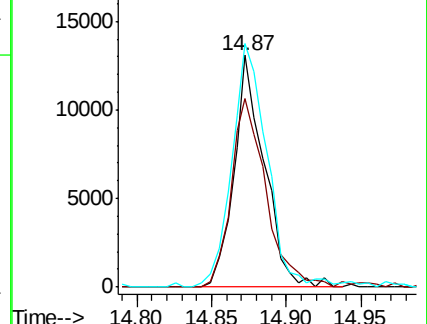
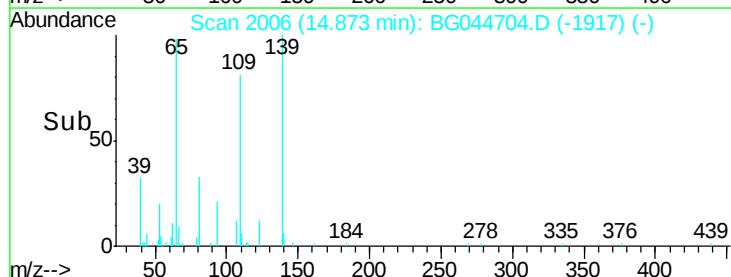
65 104.9 104.5 144.5

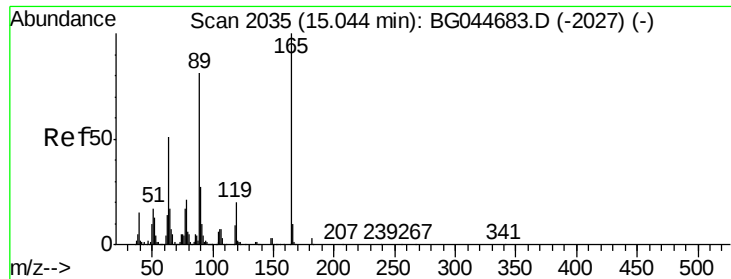


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

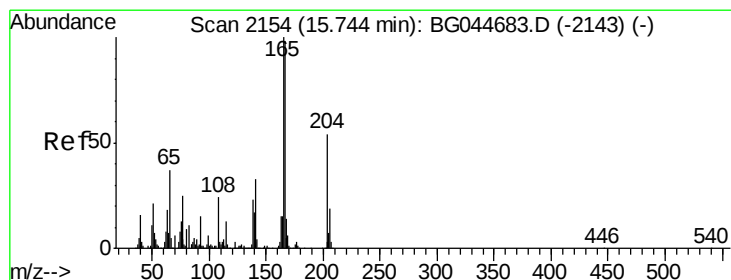
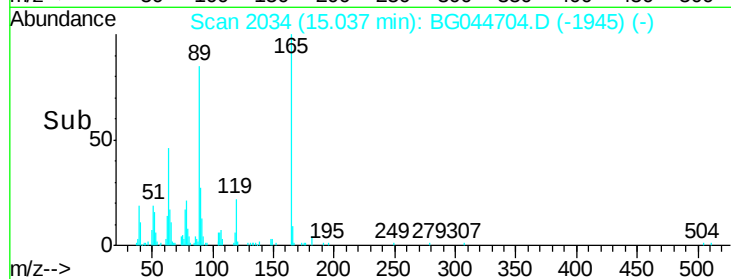
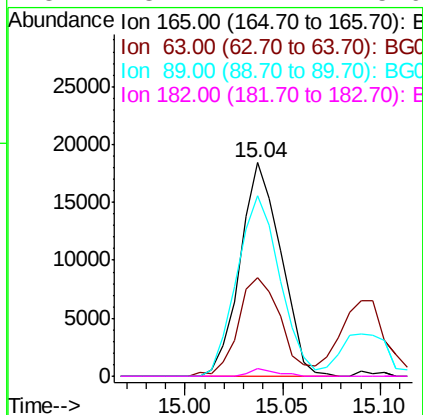
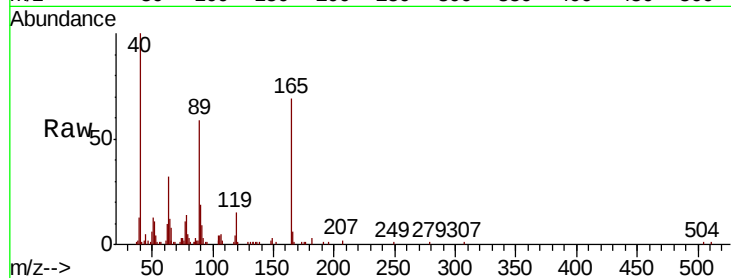




#57
 2,4-Dinitrotoluene
 Concen: 5.606 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

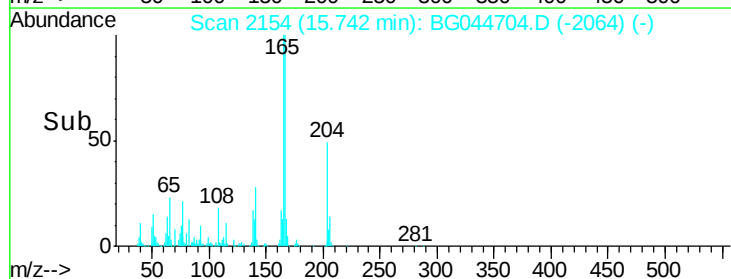
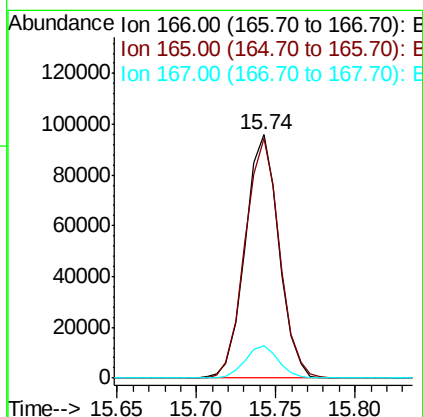
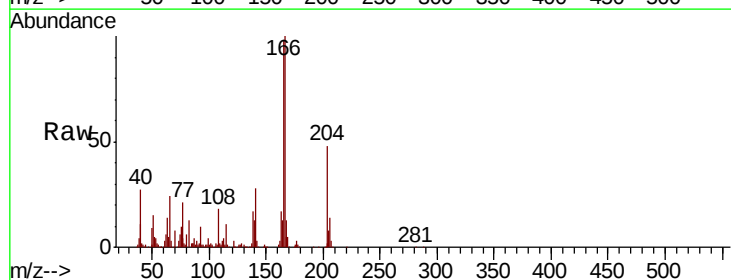
Instrument :
 BNA_G
 ClientSampled :

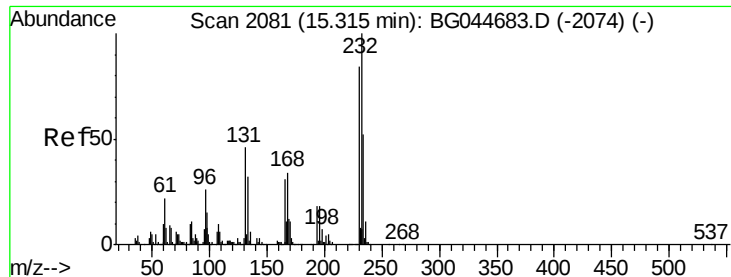
Tot Ion:165 Resp: 26692
 Ion Ratio Lower Upper
 165 100
 63 46.0 40.6 61.0
 89 84.7 65.0 97.6
 182 3.7 2.4 3.6#



#58
 Fluorene
 Concen: 7.609 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Tgt Ion:166 Resp: 141385
 Ion Ratio Lower Upper
 166 100
 165 98.5 81.3 121.9
 167 13.3 11.0 16.6

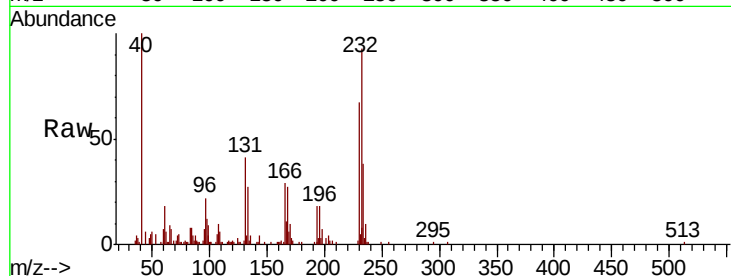




#59
2,3,4,6-Tetrachlorophenol
Concen: 6.707 ng
RT: 15.31 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.4	33.0	49.6
130	2.9	2.2	3.2
166	30.3	20.4	30.6



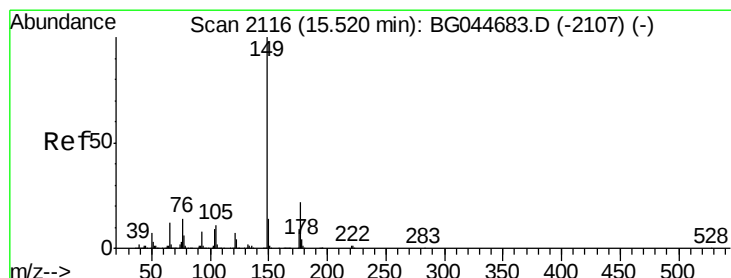
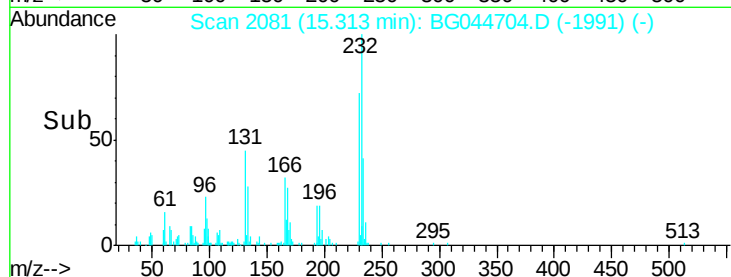
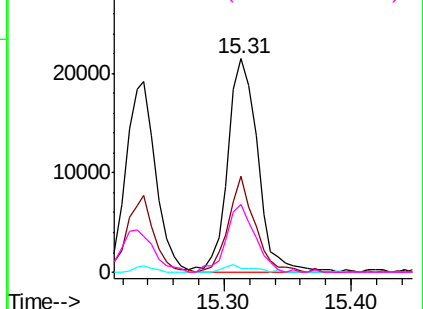
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

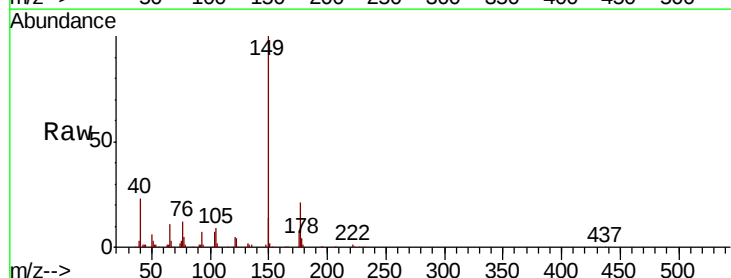
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 7.082 ng
RT: 15.51 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.5	26.3
150	13.6	10.8	16.2

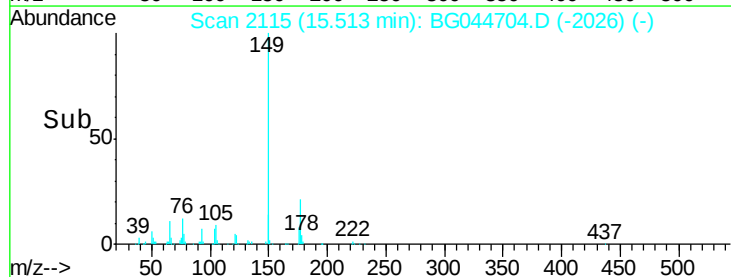
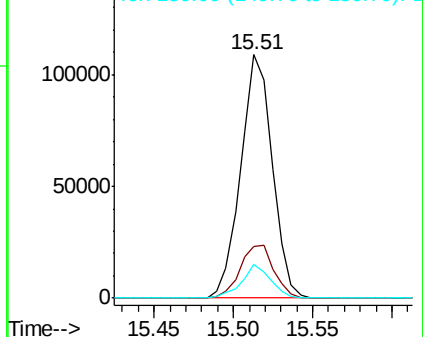


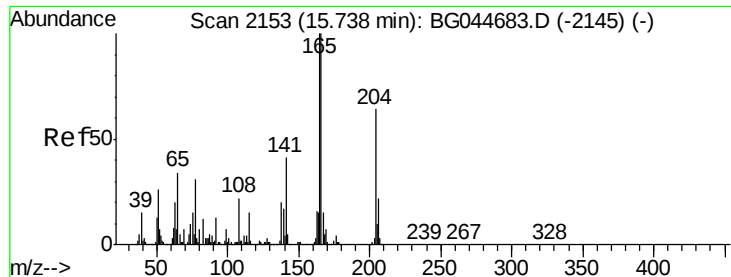
Abundance

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: 7.499 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

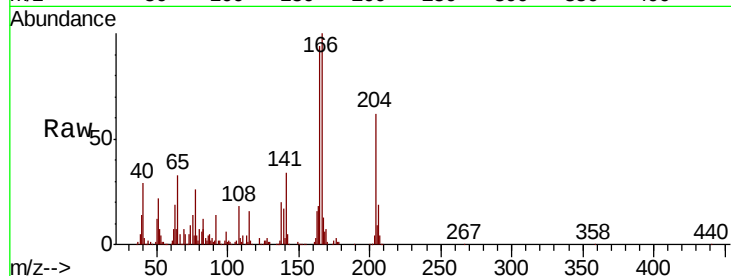
Tot Ion:204 Resp: 75610

Ion Ratio Lower Upper

204 100

206 31.1 27.7 41.5

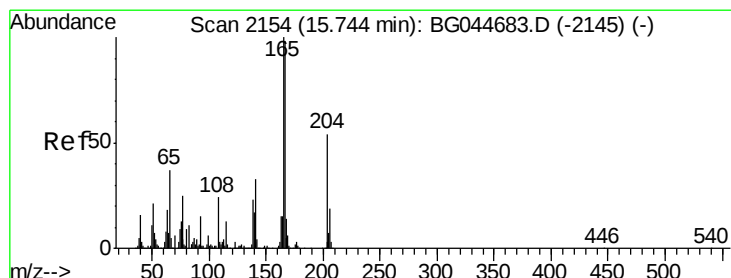
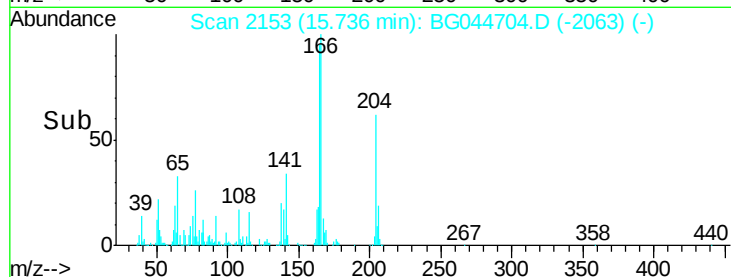
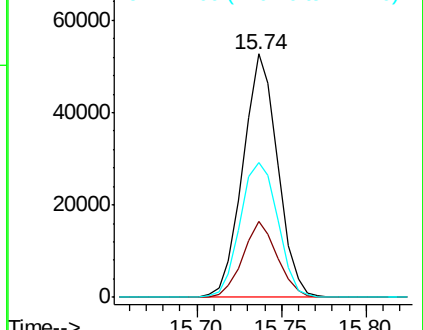
141 55.1 51.0 76.4



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 6.351 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

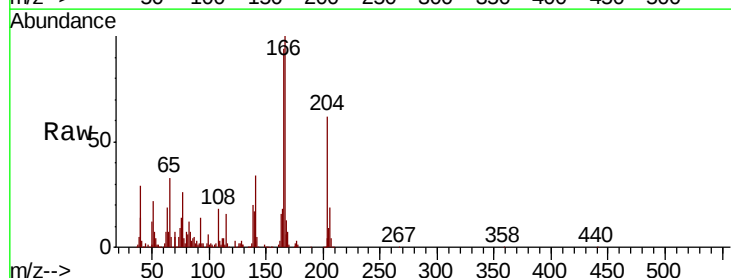
Tgt Ion:138 Resp: 28727

Ion Ratio Lower Upper

138 100

92 70.5 43.1 83.1

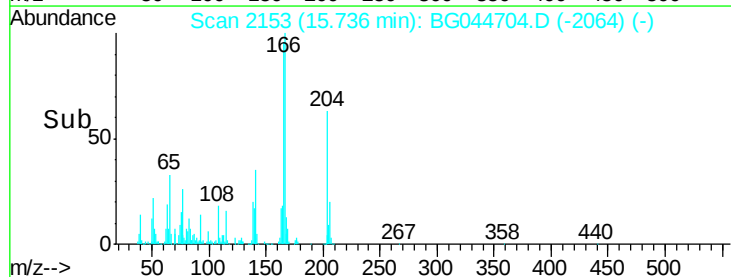
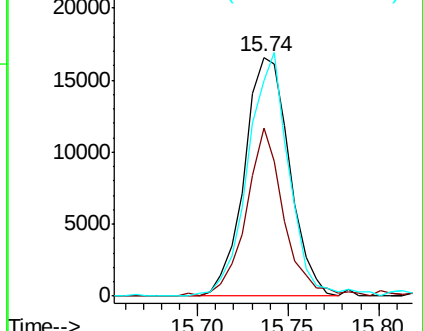
108 90.3 85.2 125.2

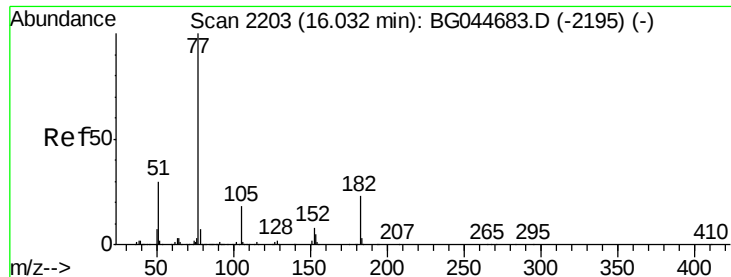


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 7.593 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 168489

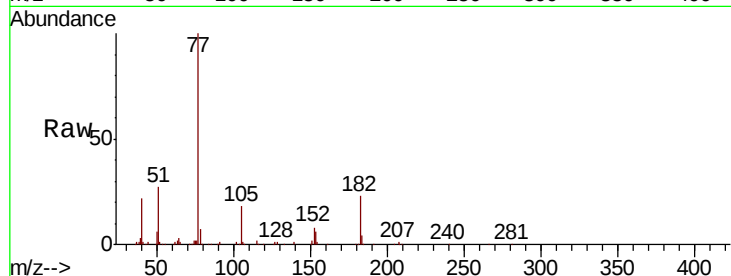
Ion Ratio Lower Upper

77 100

182 23.1 2.7 42.7

105 18.1 0.0 38.1

51 26.8 10.3 50.3

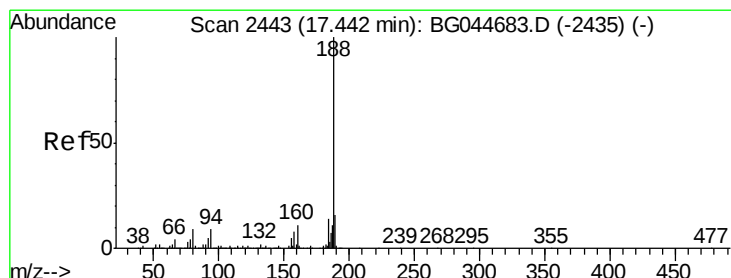
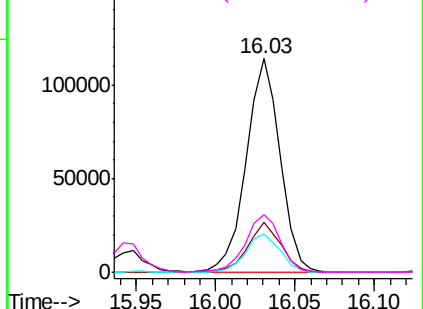
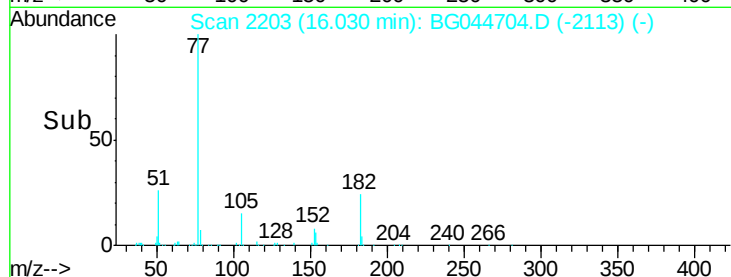


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG044704.D

Acq: 9 Mar 2020 15:55

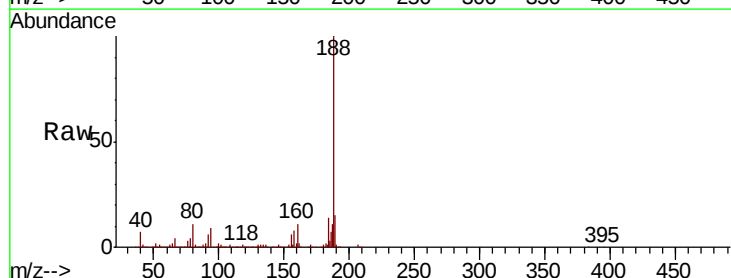
Tgt Ion: 188 Resp: 535261

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.0

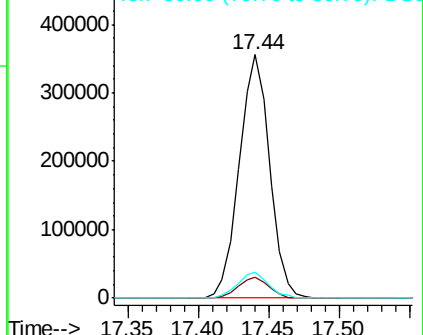
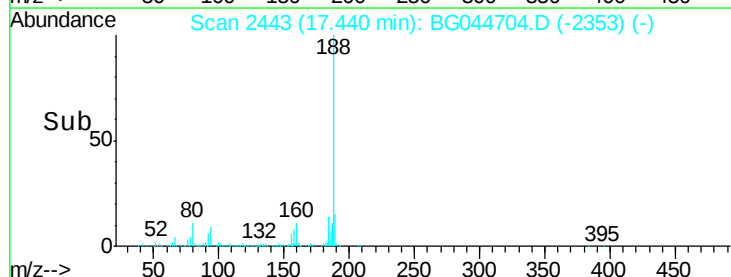
80 10.9 7.3 10.9#

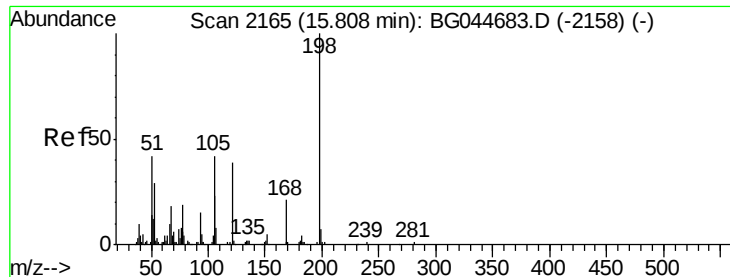


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

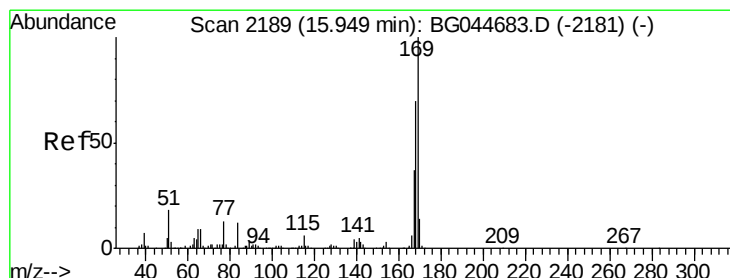
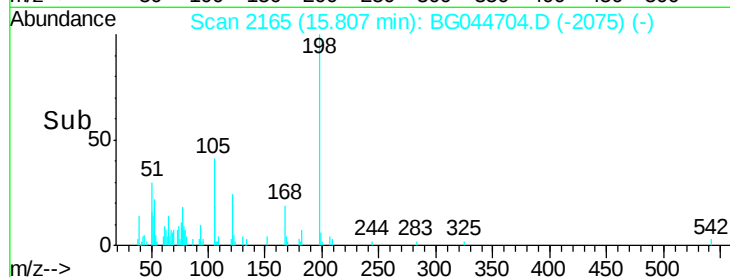
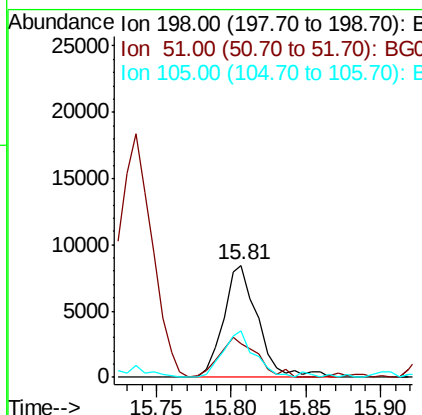
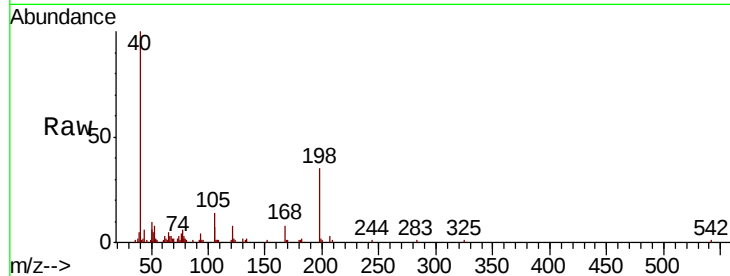




#65
4,6-Dinitro-2-methylphenol
Concen: 6.218 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

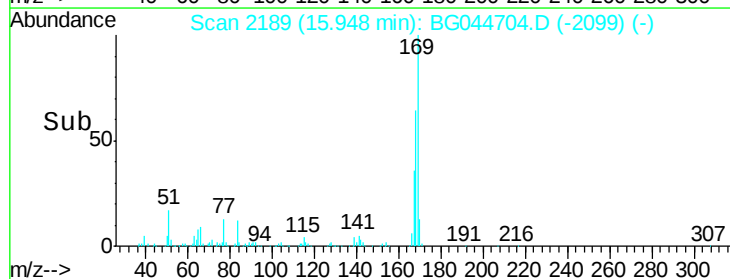
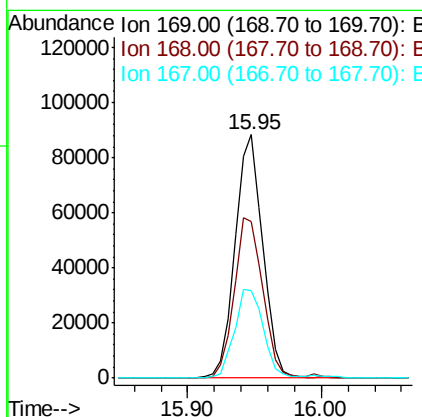
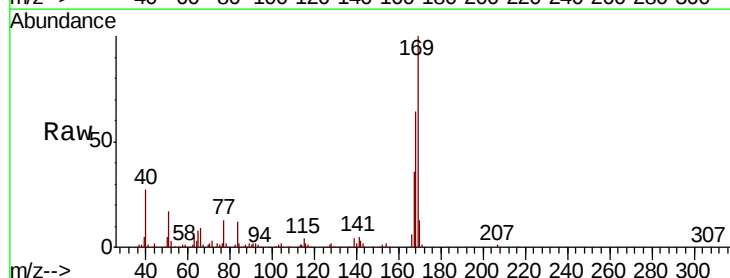
Instrument :
BNA_G
ClientSampled :

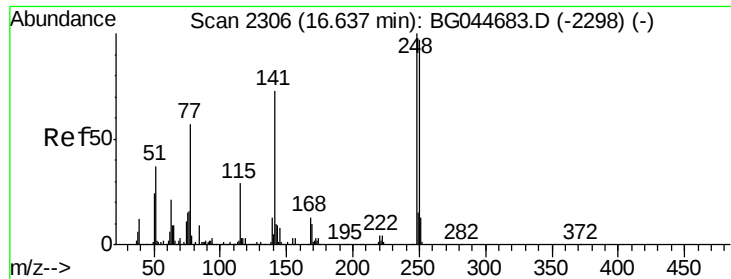
Tot Ion:198 Resp: 13598
Ion Ratio Lower Upper
198 100
51 30.1 27.1 67.1
105 41.1 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 7.745 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion:169 Resp: 126745
Ion Ratio Lower Upper
169 100
168 64.1 56.2 84.2
167 36.1 29.4 44.2

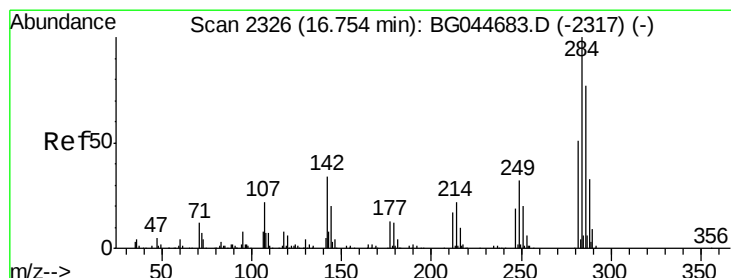
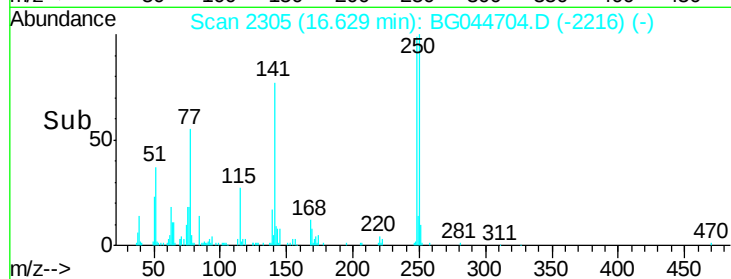
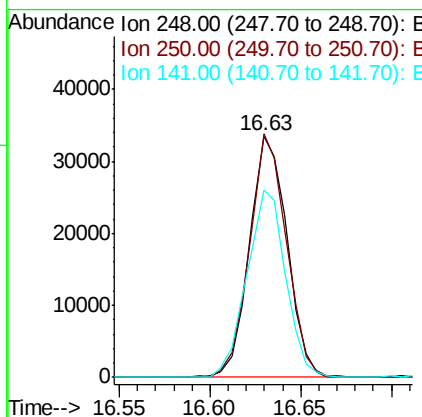
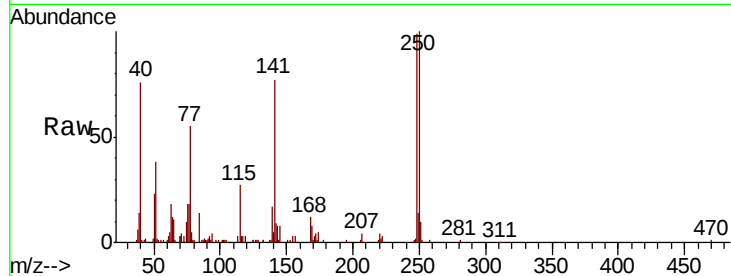




#67
4-Bromophenyl-phenylether
Concen: 7.120 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

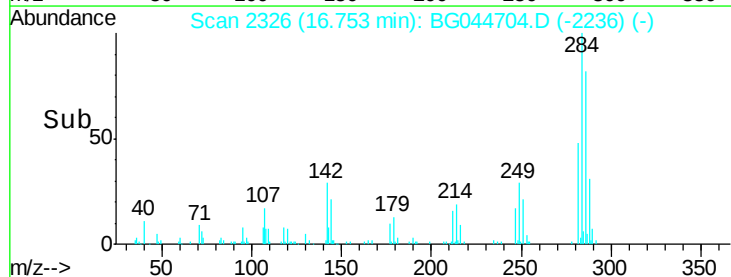
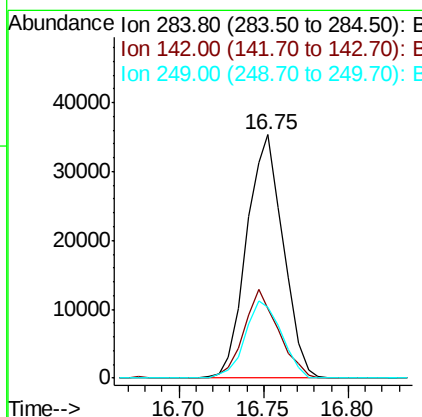
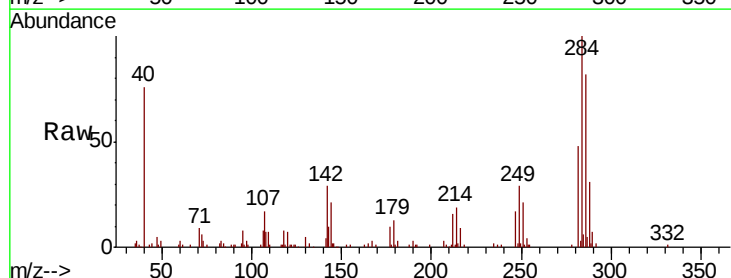
Instrument :
BNA_G
ClientSampleId :

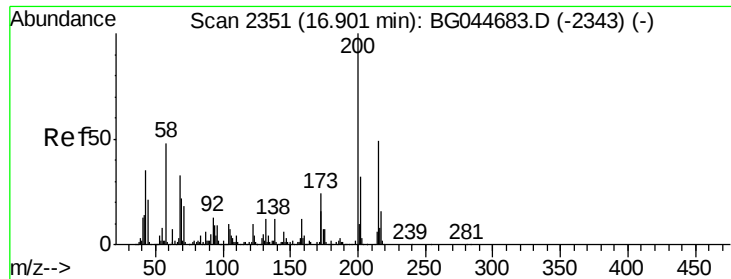
Tot Ion:248 Resp: 48064
Ion Ratio Lower Upper
248 100
250 100.9 77.4 116.2
141 77.9 58.1 87.1



#68
Hexachlorobenzene
Concen: 7.238 ng
RT: 16.75 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion:284 Resp: 52763
Ion Ratio Lower Upper
284 100
142 28.8 27.2 40.8
249 29.2 25.7 38.5

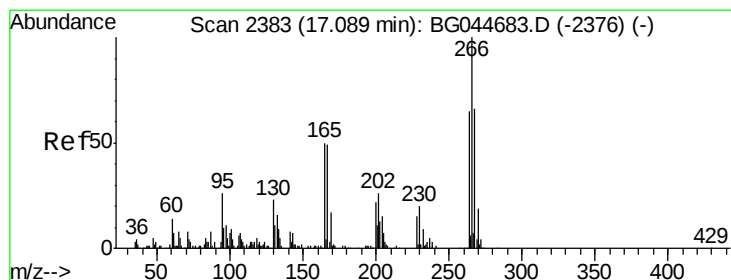
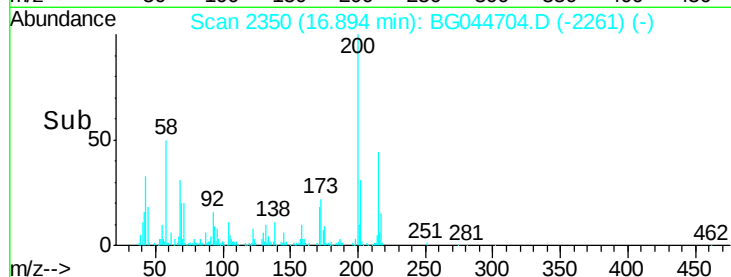
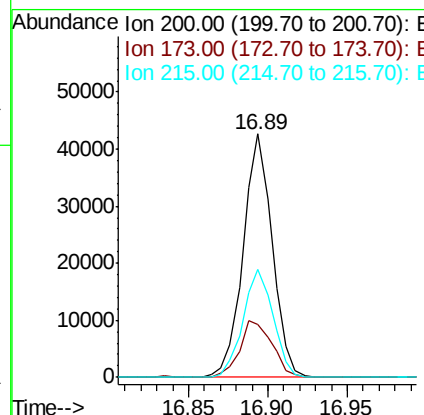
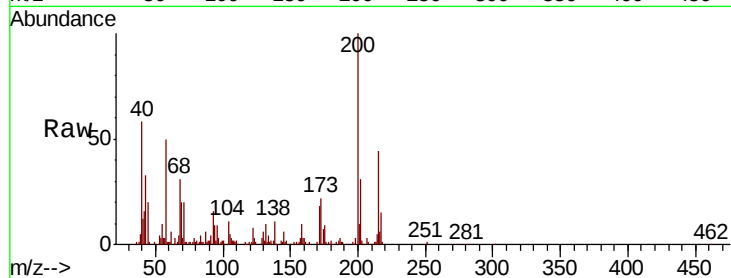




#69
Atrazine
Concen: 8.545 ng
RT: 16.89 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

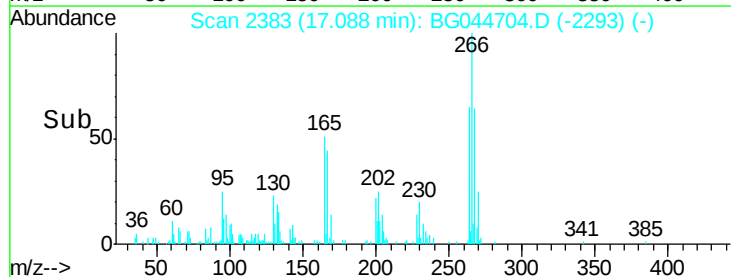
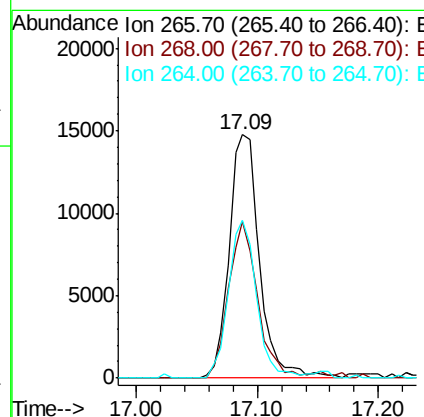
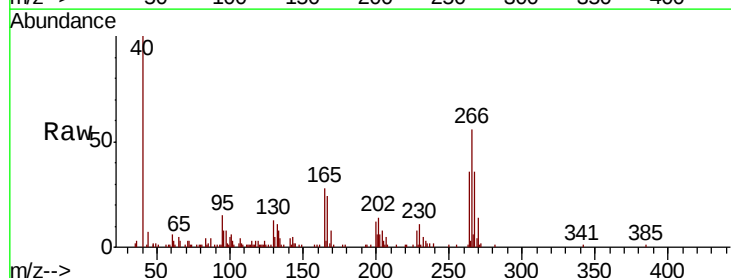
Instrument :
BNA_G
ClientSampleId :

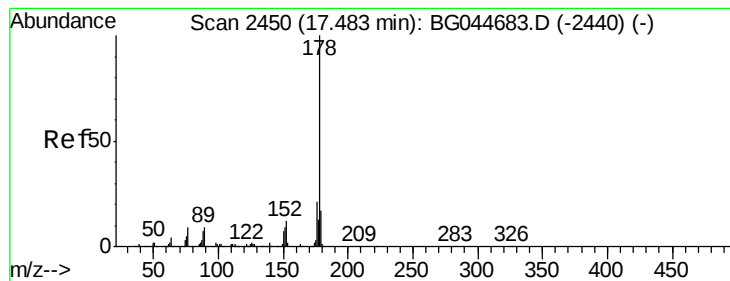
Tot Ion	Ratio	Lower	Upper
200	100		
173	21.8	4.0	44.0
215	44.5	29.1	69.1



#70
Pentachlorophenol
Concen: 6.217 ng
RT: 17.09 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	52.7	79.1
264	65.1	52.3	78.5





#71

Phenanthrene

Concen: 7.896 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

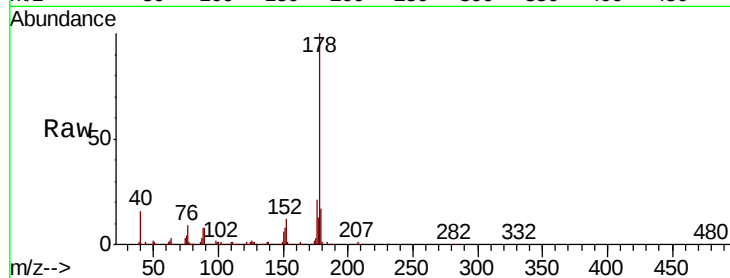
Tot Ion:178 Resp: 231746

Ion Ratio Lower Upper

178 100

176 20.5 16.5 24.7

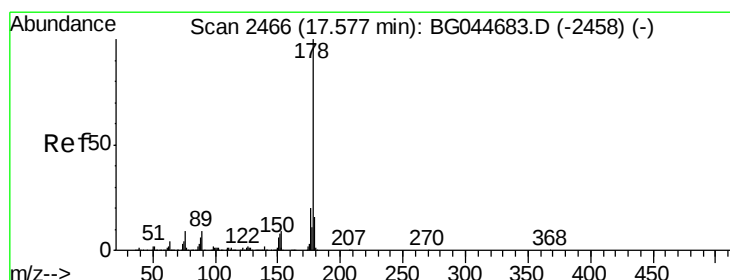
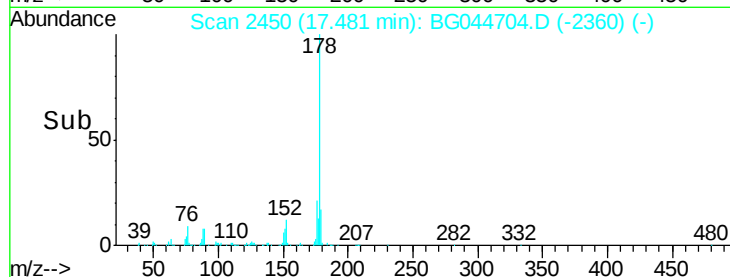
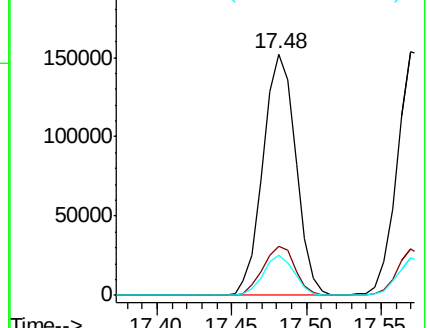
179 16.7 13.8 20.8



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: 8.358 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

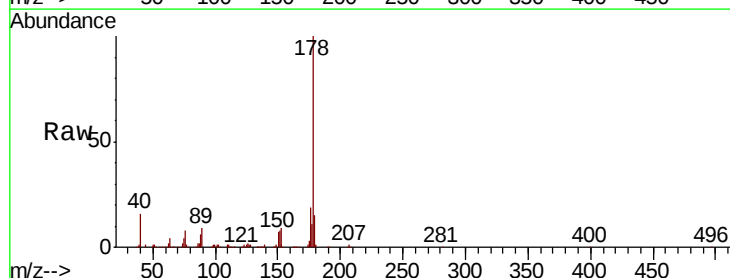
Tgt Ion:178 Resp: 241608

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

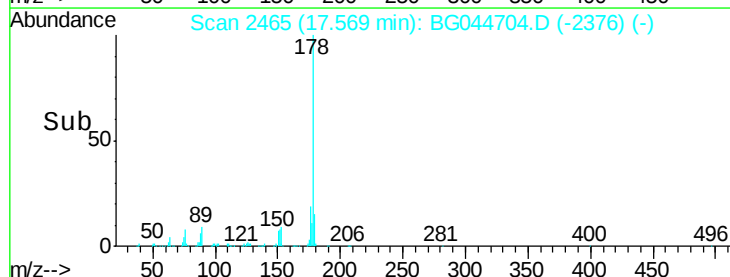
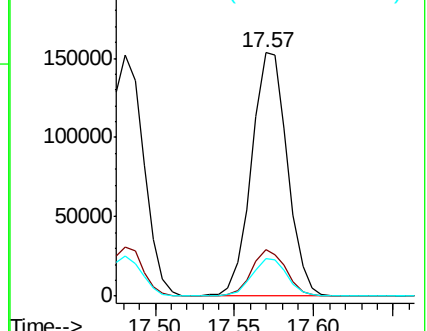
179 15.4 12.6 19.0

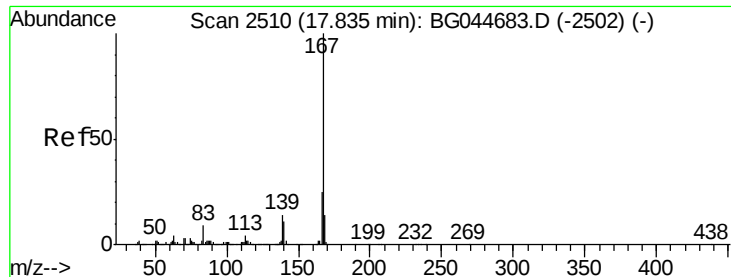


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 8.162 ng

RT: 17.83 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

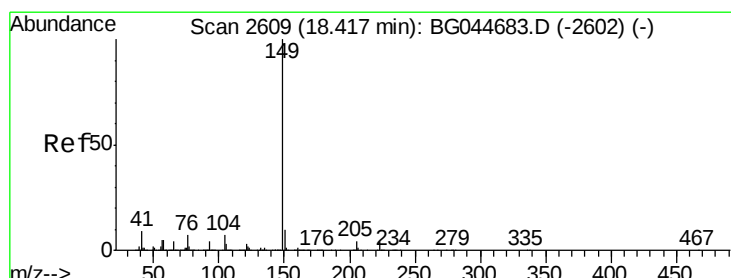
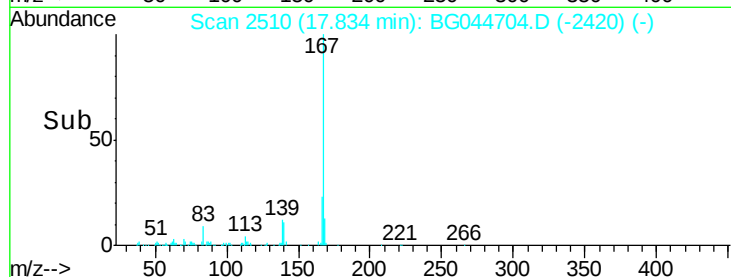
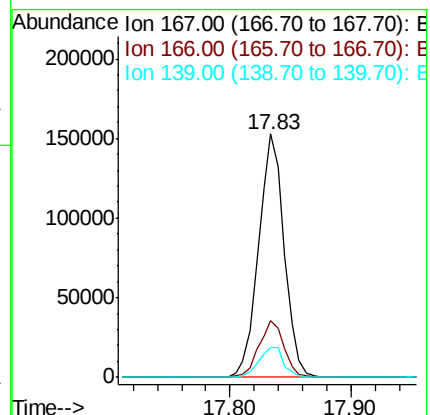
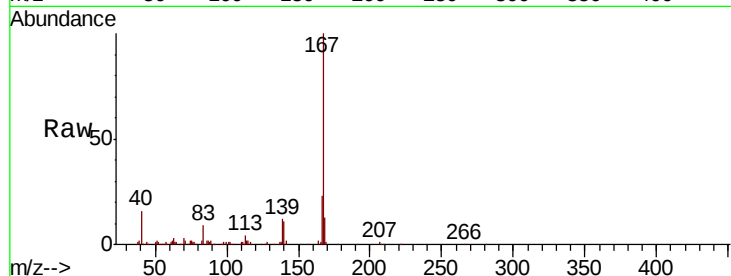
Tot Ion:167 Resp: 225961

Ion Ratio Lower Upper

167 100

166 23.1 20.0 30.0

139 12.1 11.3 16.9



#74

Di-n-butylphthalate

Concen: 7.661 ng

RT: 18.42 min Scan# 2609

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

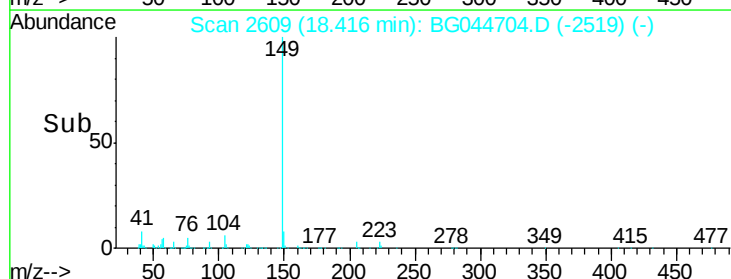
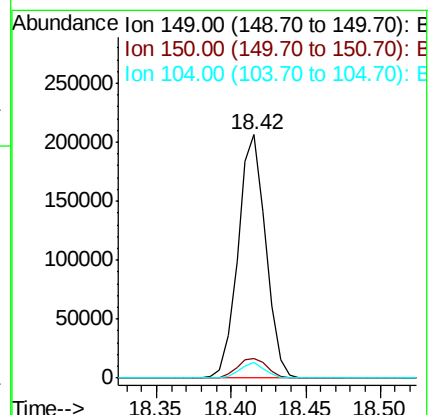
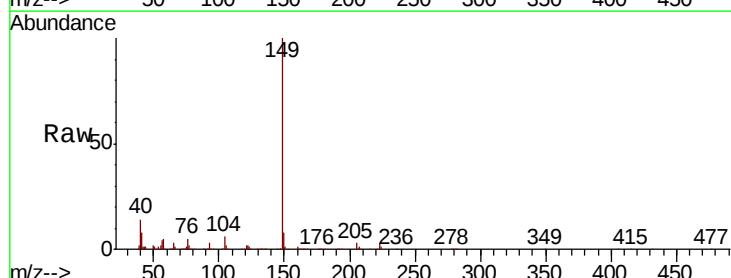
Tgt Ion:149 Resp: 267114

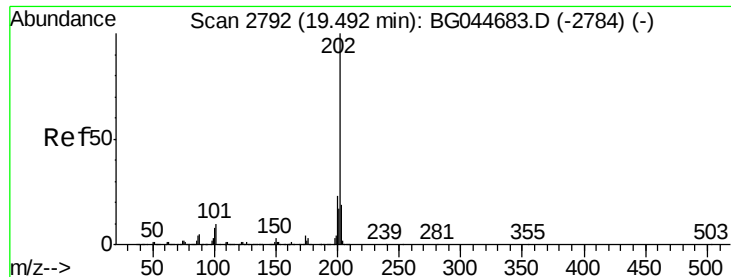
Ion Ratio Lower Upper

149 100

150 8.0 8.0 12.0

104 6.3 5.5 8.3





#75

Fluoranthene

Concen: 8.311 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

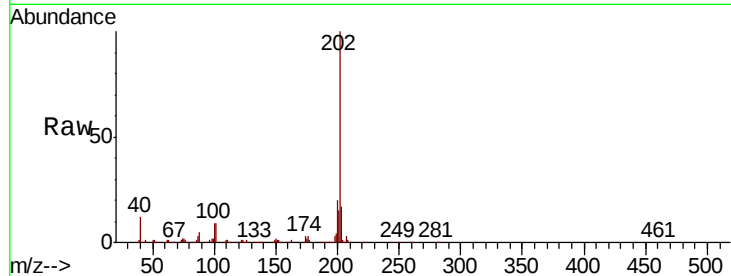
Tot Ion:202 Resp: 294792

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.3

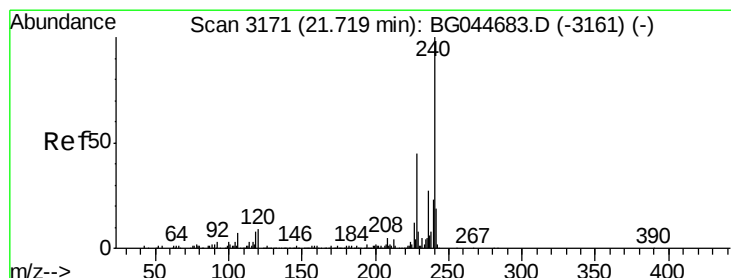
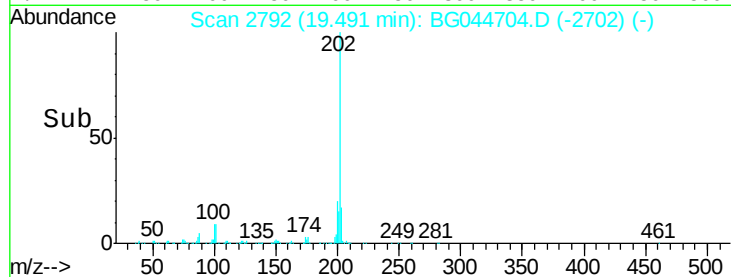
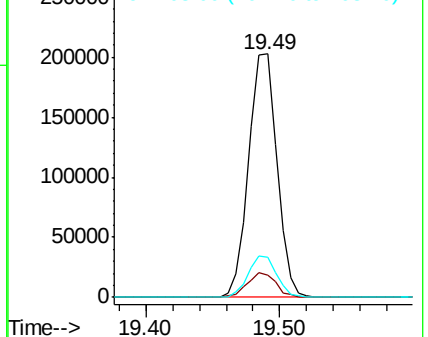
203 16.7 0.0 39.1



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: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

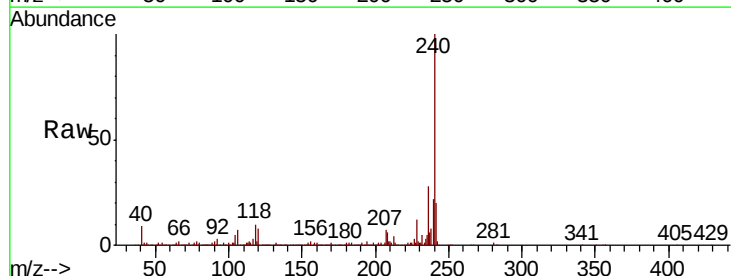
Tgt Ion:240 Resp: 519625

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

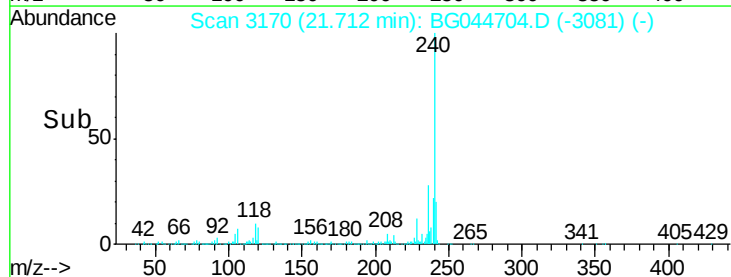
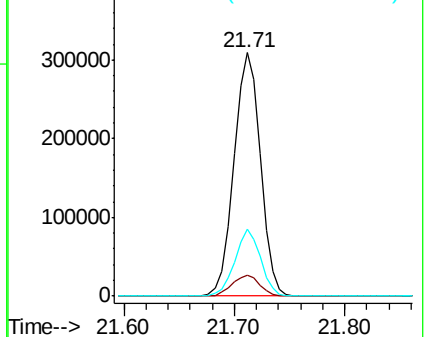
236 27.7 21.5 32.3

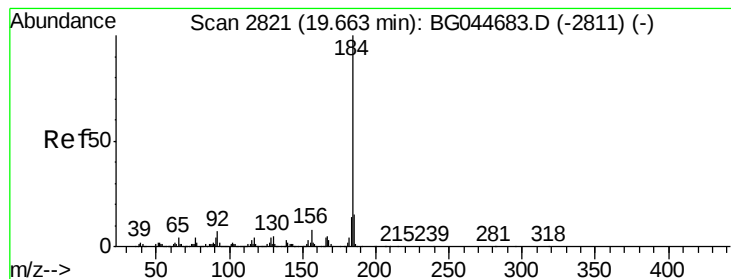


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.728 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

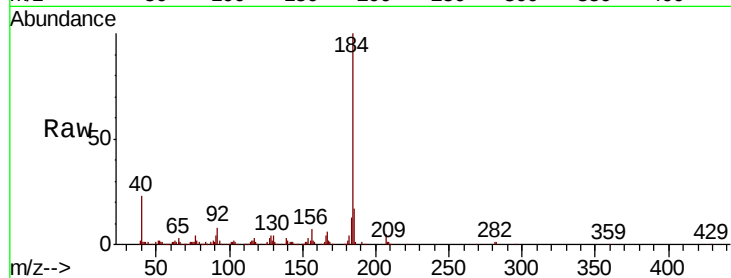
Tot Ion:184 Resp: 160311

Ion Ratio Lower Upper

184 100

185 17.0 12.0 18.0

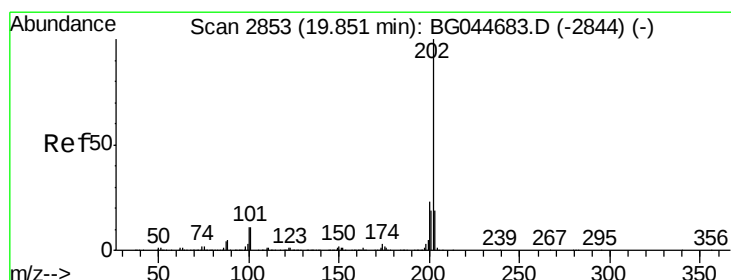
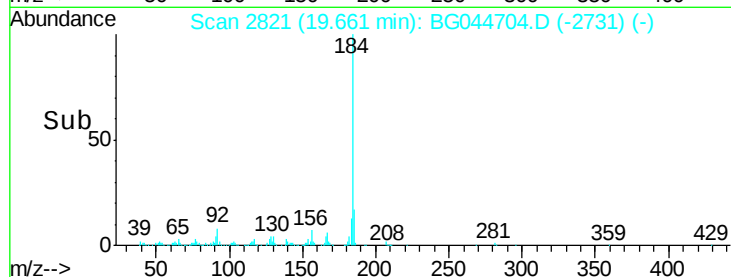
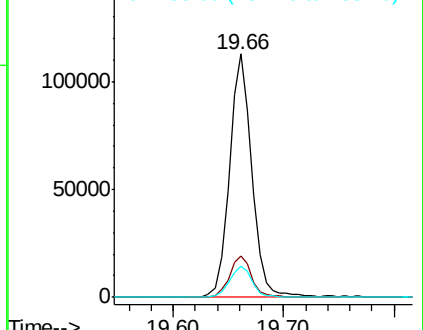
183 12.9 11.4 17.2



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: 7.557 ng

RT: 19.85 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

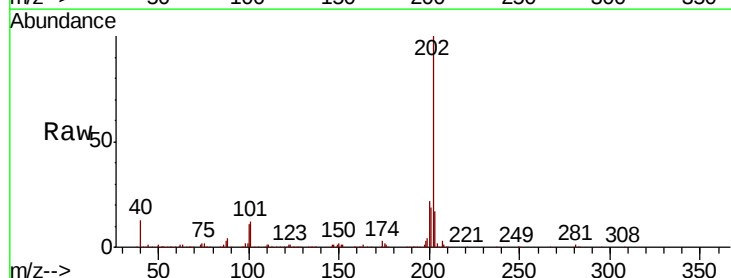
Tgt Ion:202 Resp: 299527

Ion Ratio Lower Upper

202 100

200 21.8 18.2 27.2

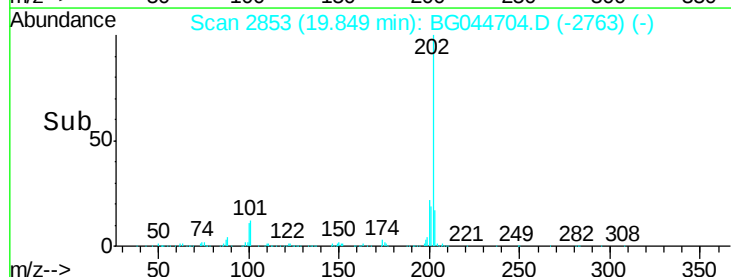
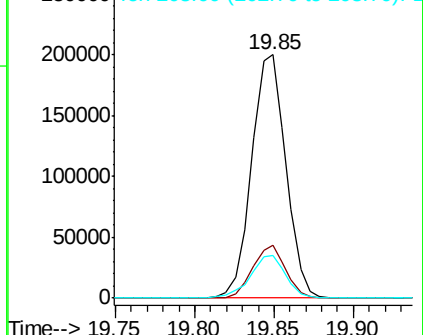
203 17.3 15.2 22.8

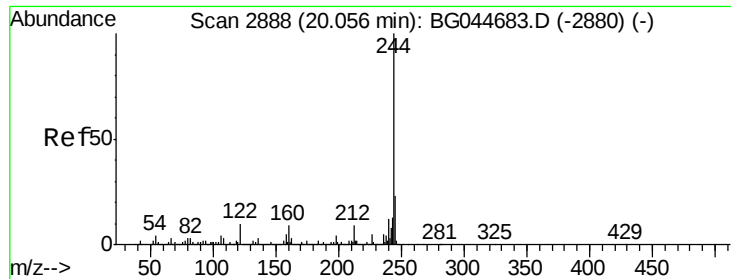


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.114 ng

RT: 20.05 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampled :

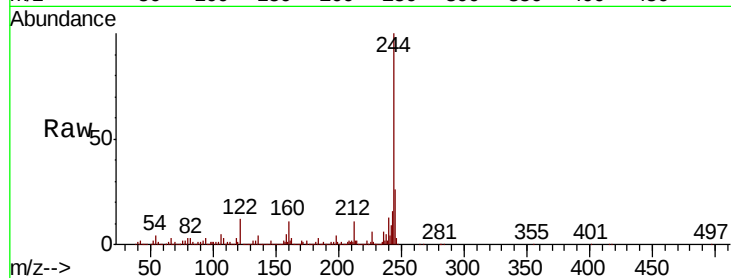
Tot Ion:244 Resp: 2565037

Ion	Ratio	Lower	Upper
244	100		
212	10.7	7.5	11.3
122	11.7	7.7	11.5

244 100

212 10.7 7.5 11.3

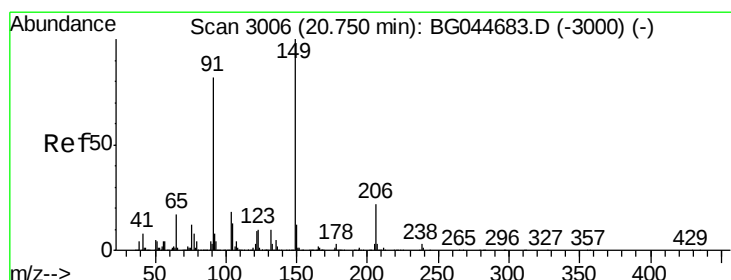
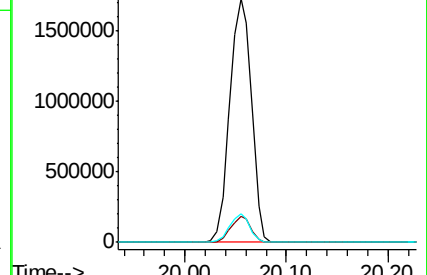
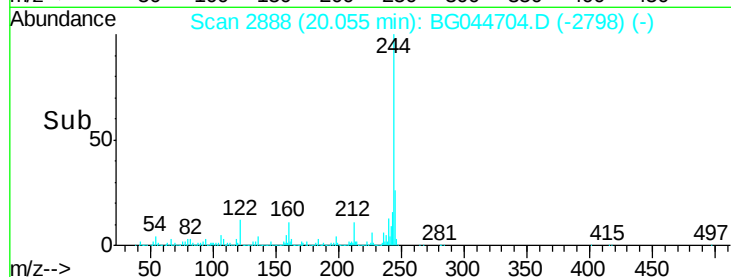
122 11.7 7.7 11.5#



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: 6.292 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

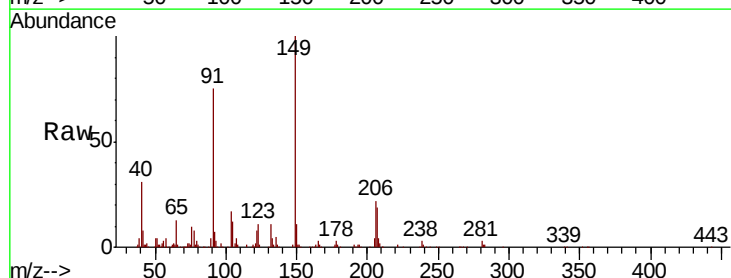
Tgt Ion:149 Resp: 111312

Ion	Ratio	Lower	Upper
149	100		
91	74.7	65.7	98.5
206	21.5	17.3	25.9

149 100

91 74.7 65.7 98.5

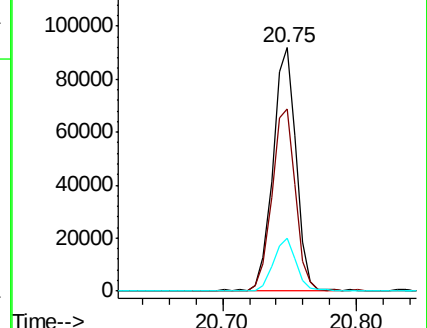
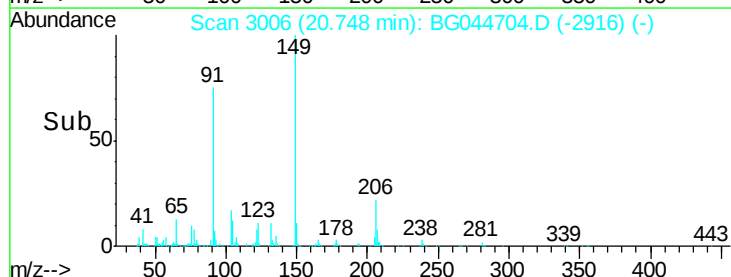
206 21.5 17.3 25.9

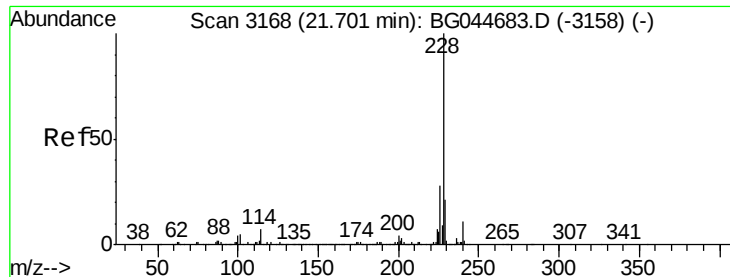


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 7.619 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

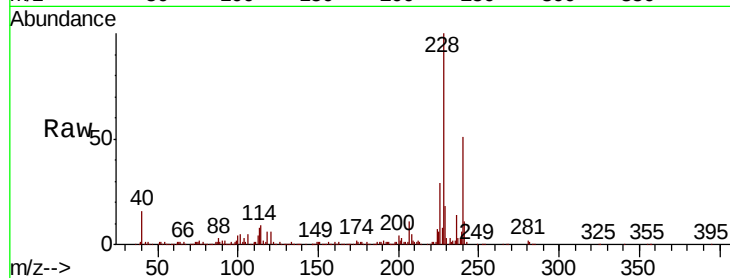
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 296909

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.8	34.2
229	18.3	17.0	25.6

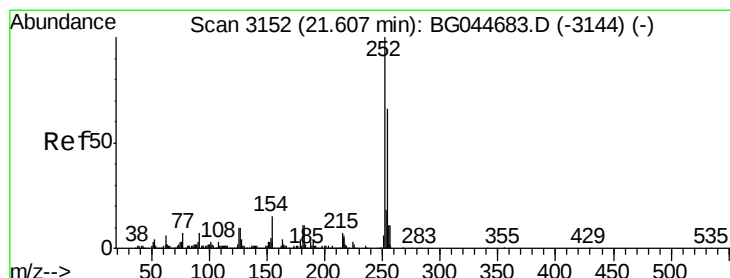
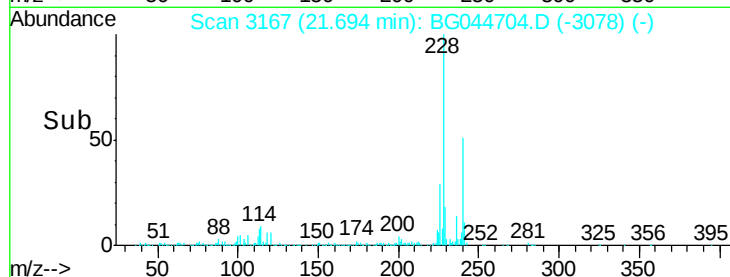
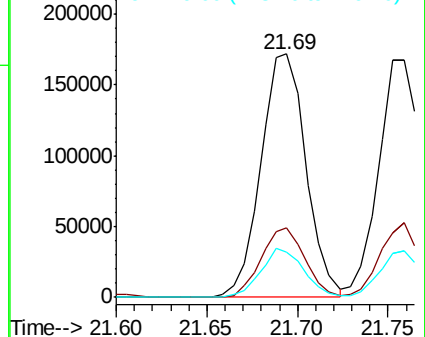


Abundance

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: 7.407 ng

RT: 21.61 min Scan# 3152

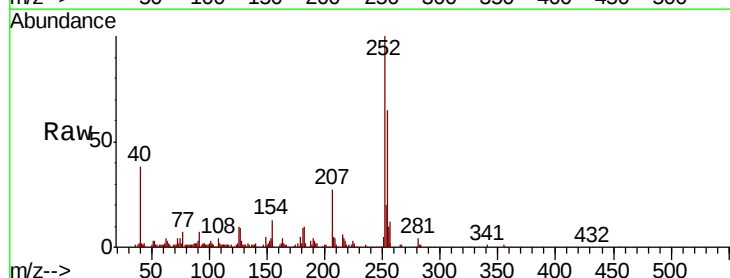
Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Tgt Ion:252 Resp: 114923

Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.6	79.0
126	10.0	7.8	11.6

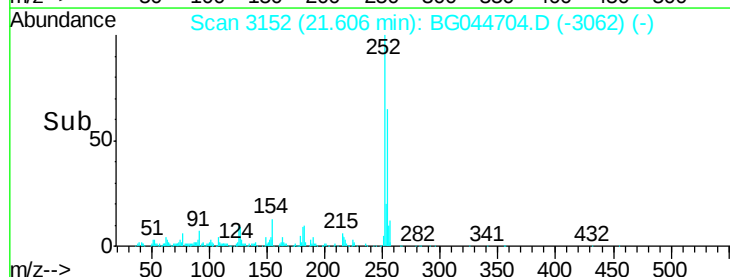
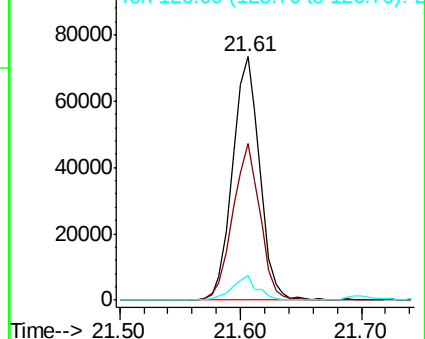


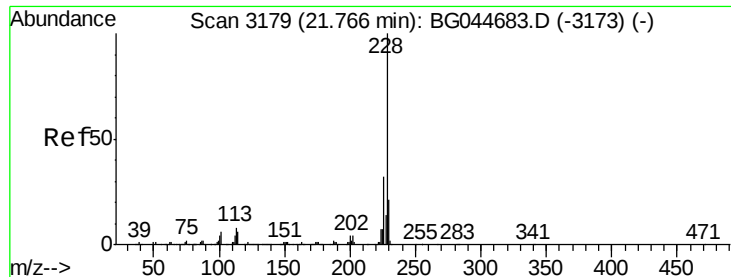
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 7.629 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

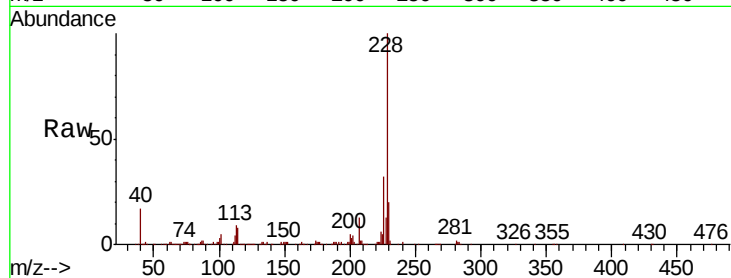
Tot Ion:228 Resp: 282983

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.8	38.6
229	19.8	16.6	25.0

228 100

226 31.5 25.8 38.6

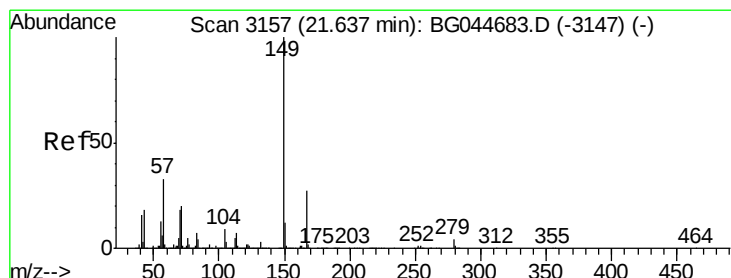
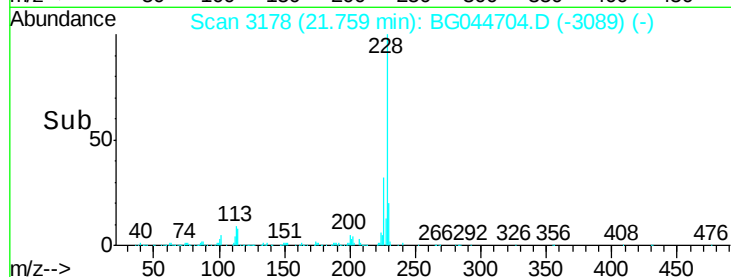
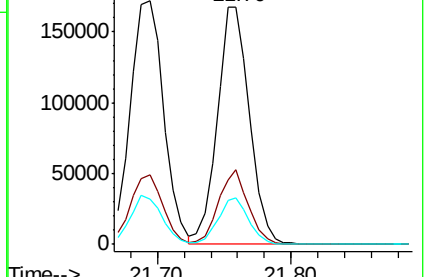
229 19.8 16.6 25.0



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: 6.799 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

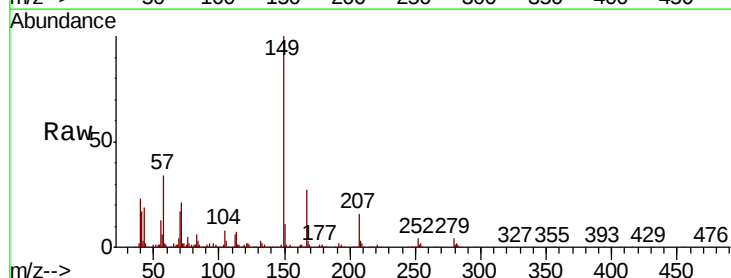
Tgt Ion:149 Resp: 167730

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	4.3	3.6	5.4

149 100

167 27.1 21.3 31.9

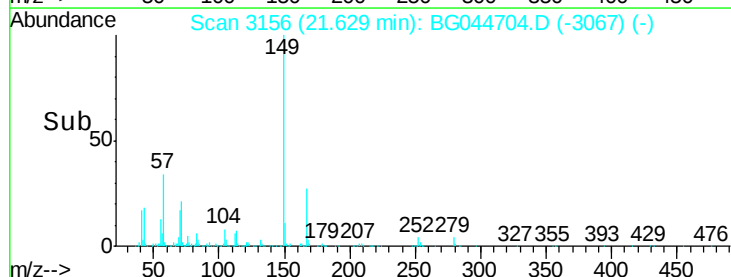
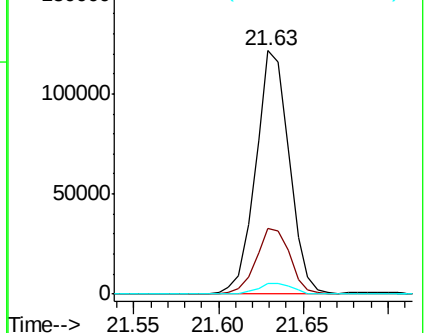
279 4.3 3.6 5.4

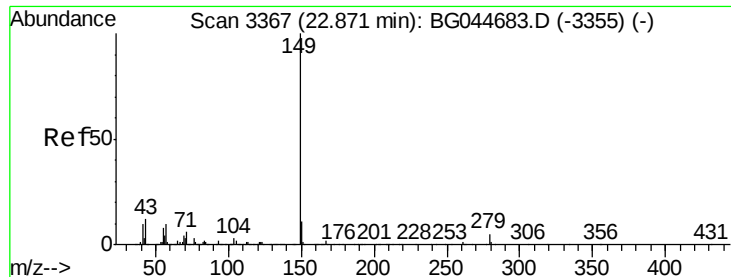


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 6.430 ng

RT: 22.86 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

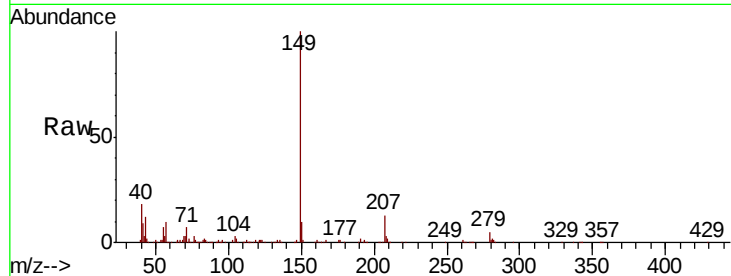
Tot Ion:149 Resp: 272399

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

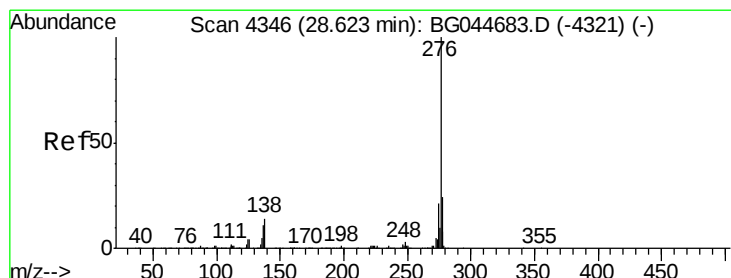
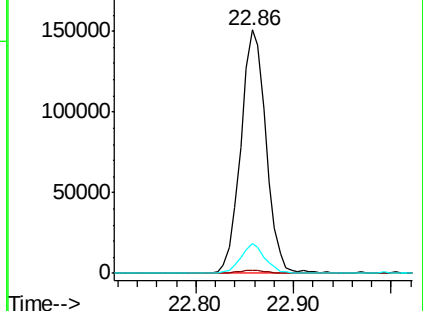
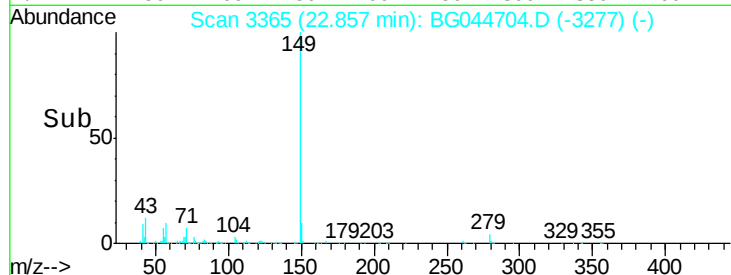
43 11.2 9.5 14.3



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: 6.982 ng

RT: 28.59 min Scan# 4341

Delta R.T. -0.03 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

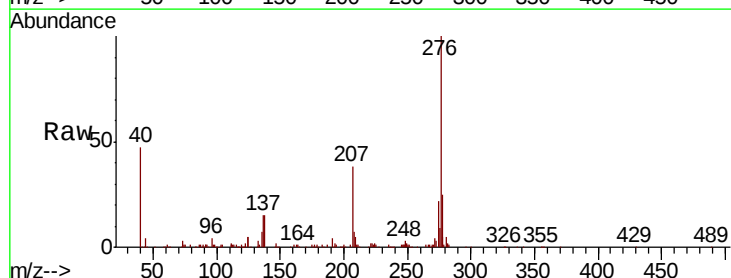
Tgt Ion:276 Resp: 342014

Ion Ratio Lower Upper

276 100

138 11.7 9.5 14.3

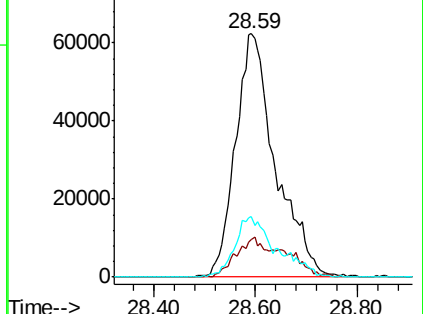
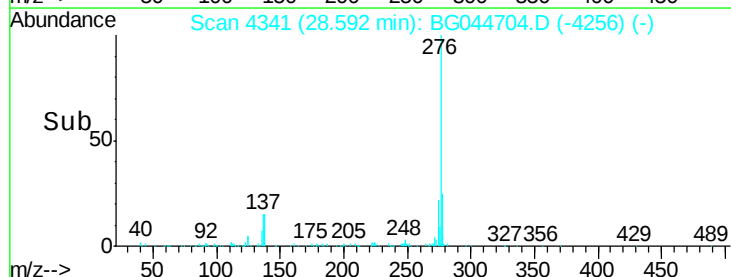
277 25.7 20.6 30.8

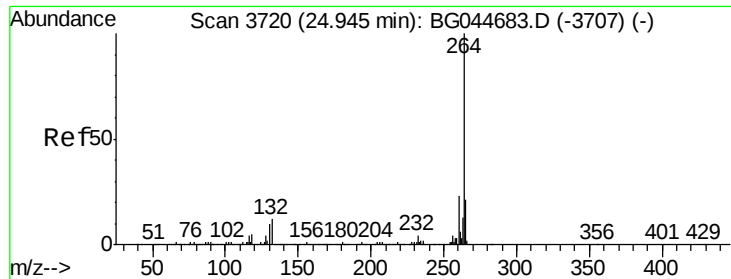


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



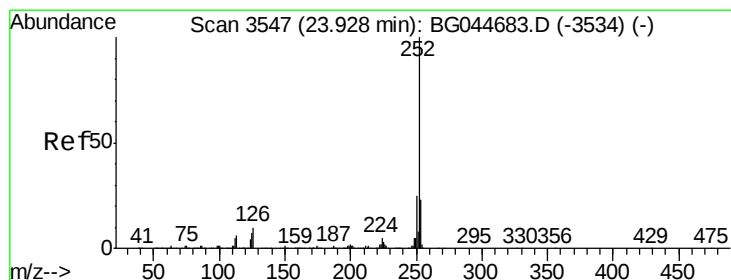
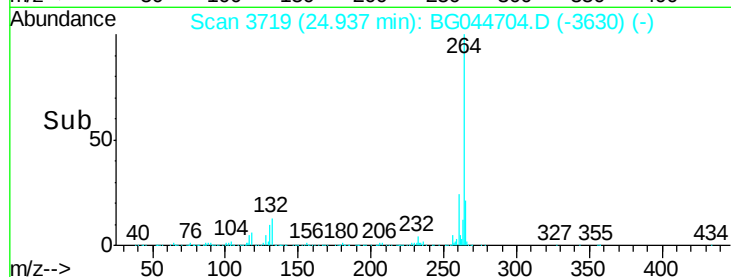
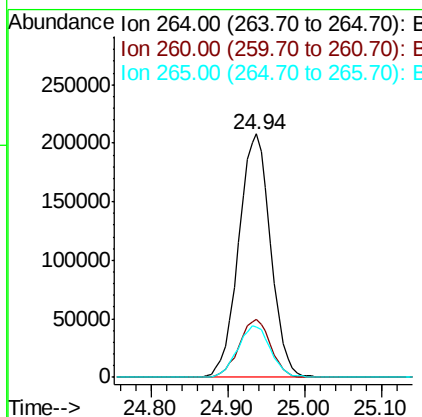
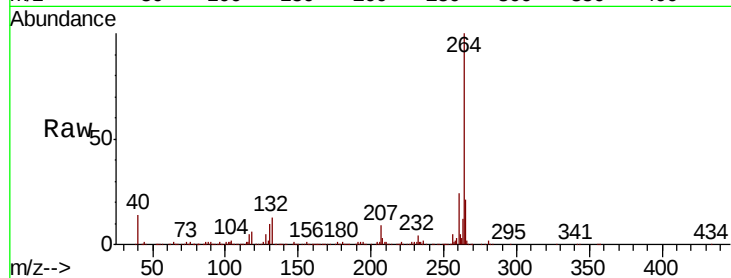


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.01 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 601688

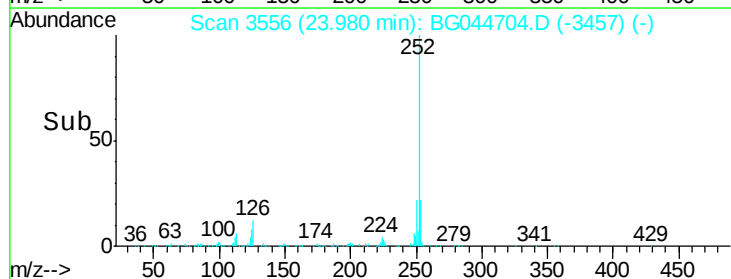
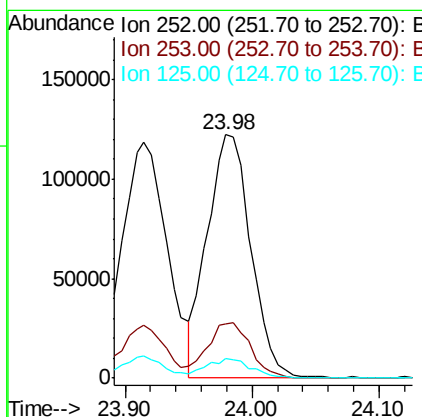
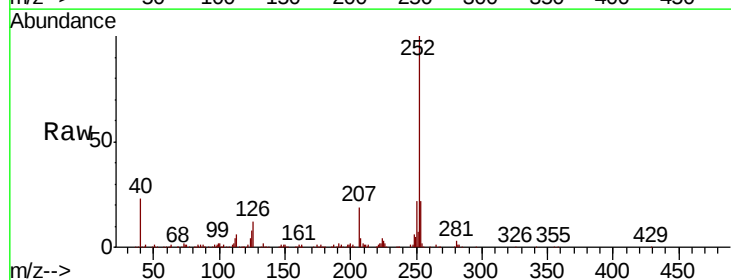
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	20.9	16.9	25.3

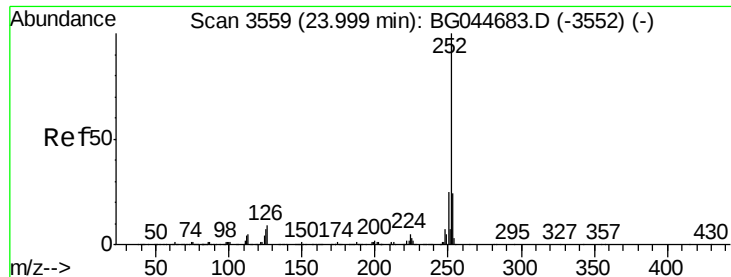


#88
Benzo(b)fluoranthene
Concen: 7.096 ng
RT: 23.98 min Scan# 3556
Delta R.T. 0.05 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion:252 Resp: 290601

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	8.1	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 7.571 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.02 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

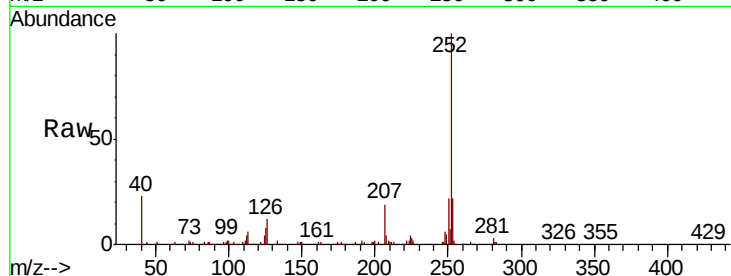
Tot Ion:252 Resp: 290601

Ion Ratio Lower Upper

252 100

253 22.1 18.5 27.7

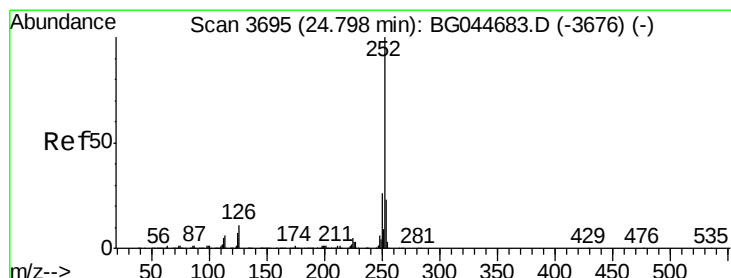
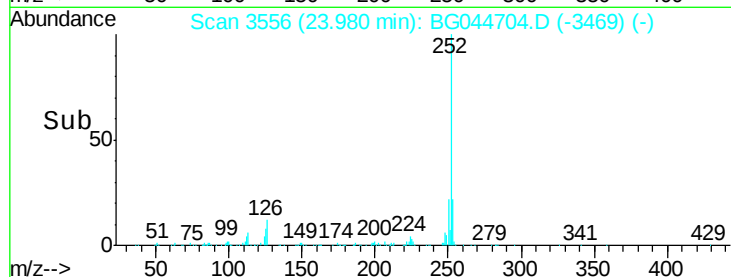
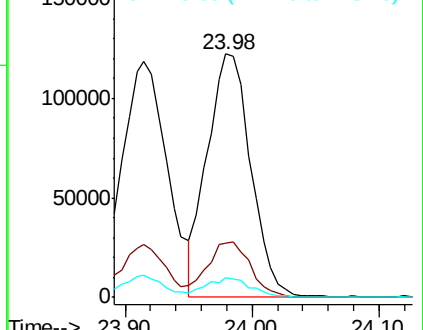
125 8.1 5.8 8.8



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: 7.152 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.02 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

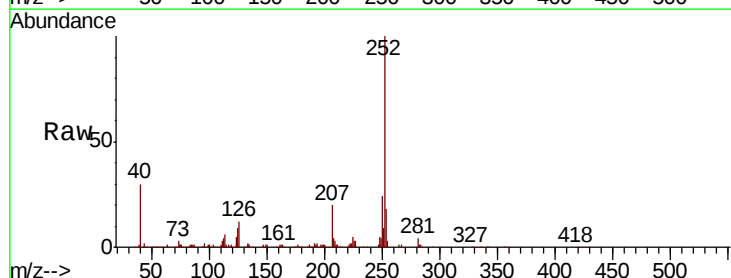
Tgt Ion:252 Resp: 272789

Ion Ratio Lower Upper

252 100

253 18.2 18.4 27.6#

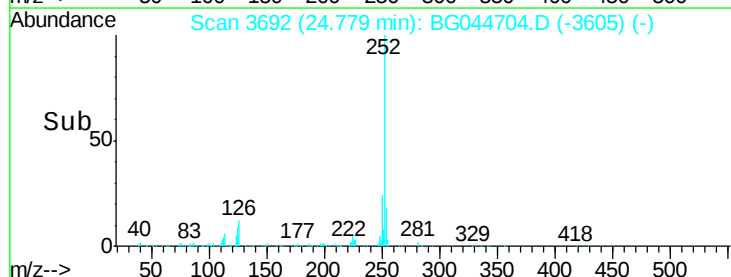
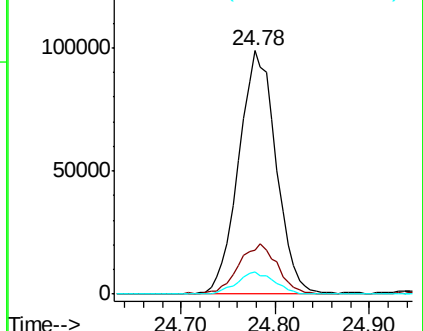
125 9.0 6.0 9.0

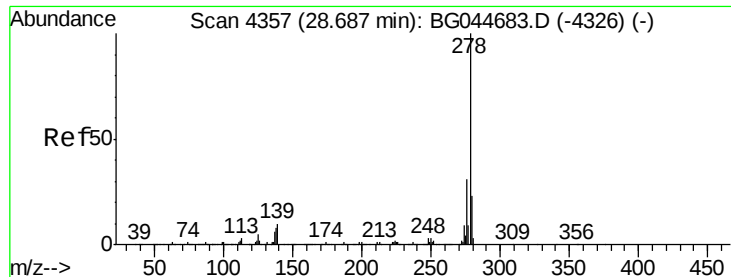


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 7.479 ng

RT: 28.67 min Scan# 4354

Delta R.T. -0.02 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

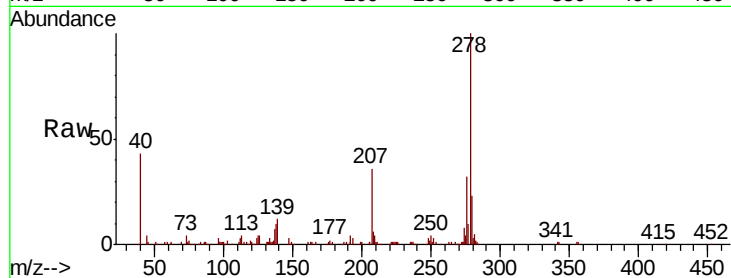
Tot Ion:278 Resp: 284441

Ion Ratio Lower Upper

278 100

139 12.2 8.4 12.6

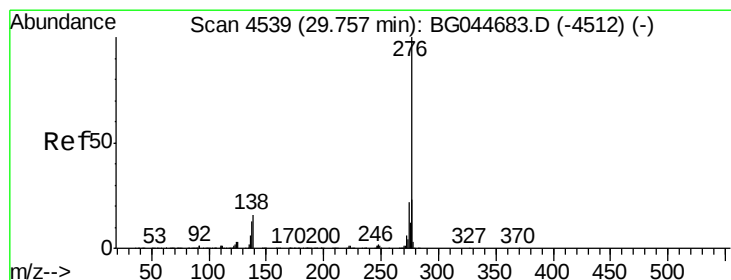
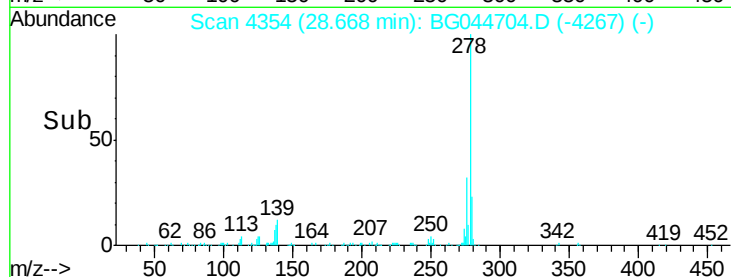
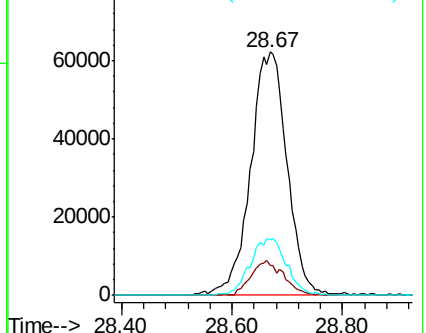
279 22.6 18.2 27.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 7.548 ng

RT: 29.73 min Scan# 4534

Delta R.T. -0.03 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

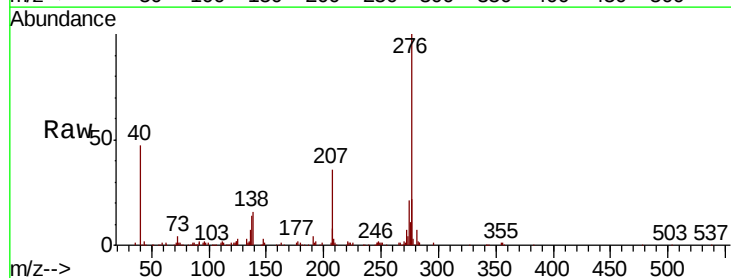
Tgt Ion:276 Resp: 287542

Ion Ratio Lower Upper

276 100

277 22.1 18.7 28.1

138 15.9 12.7 19.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

