

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030520\
 Data File : BG044681.D
 Acq On : 5 Mar 2020 12:46
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 05 16:02:35 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 15:55:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	51360	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	229566	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	168724	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	385398	20.00	ng	0.00
76) Chrysene-d12	21.71	240	367668	20.00	ng	0.00
87) Perylene-d12	24.95	264	425894	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	78027	24.38	ng	0.00
7) Phenol-d6	7.20	99	117329	26.78	ng	0.00
23) Nitrobenzene-d5	9.21	82	91016	20.43	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	44098	18.43	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	275770	23.41	ng	0.00
79) Terphenyl-d14	20.06	244	483650	24.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	18543	13.275	ng	94
3) Pyridine	3.92	79	54379	13.952	ng	86
4) n-Nitrosodimethylamine	3.83	42	24965	16.864	ng	# 89
6) Aniline	7.37	93	73984	13.868	ng	98
8) 2-Chlorophenol	7.62	128	39414	11.279	ng	95
9) Benzaldehyde	7.19	77	45767	17.763	ng	92
10) Phenol	7.23	94	57230	13.478	ng	93
11) bis(2-Chloroethyl)ether	7.47	93	44336	12.420	ng	96
12) 1,3-Dichlorobenzene	7.95	146	48082	11.537	ng	99
13) 1,4-Dichlorobenzene	8.09	146	47045	11.232	ng	95
14) 1,2-Dichlorobenzene	8.42	146	45387	11.395	ng	98
15) Benzyl Alcohol	8.29	79	50123	16.962	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	88978	18.547	ng	98
17) 2-Methylphenol	8.49	107	41158	13.568	ng	92
18) Hexachloroethane	9.15	117	18740	12.243	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	45446	16.136	ng	# 97
20) 3+4-Methylphenols	8.82	107	54275	13.069	ng	96
22) Acetophenone	8.88	105	71935	12.481	ng	# 93
24) Nitrobenzene	9.25	77	49471	11.459	ng	93
25) Isophorone	9.79	82	124228	14.903	ng	98
26) 2-Nitrophenol	9.97	139	14651	6.258	ng	89
27) 2,4-Dimethylphenol	10.03	122	38219	11.626	ng	96
28) bis(2-Chloroethoxy)methane	10.27	93	68844	12.489	ng	93
29) 2,4-Dichlorophenol	10.50	162	40029	10.185	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	48661	10.706	ng	98
31) Naphthalene	10.92	128	140333	11.203	ng	97
32) Benzoic acid	10.10	122	13401	10.503	ng	90
33) 4-Chloroaniline	11.01	127	65660	11.901	ng	91
34) Hexachlorobutadiene	11.22	225	33706	11.808	ng	96
35) Caprolactam	11.75	113	18507	13.154	ng	# 84
36) 4-Chloro-3-methylphenol	12.13	107	53987	13.345	ng	# 94
37) 2-Methylnaphthalene	12.52	142	106970	11.554	ng	97
38) 1-Methylnaphthalene	12.52	142	106970	12.160	ng	92
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	56929	10.022	ng	99

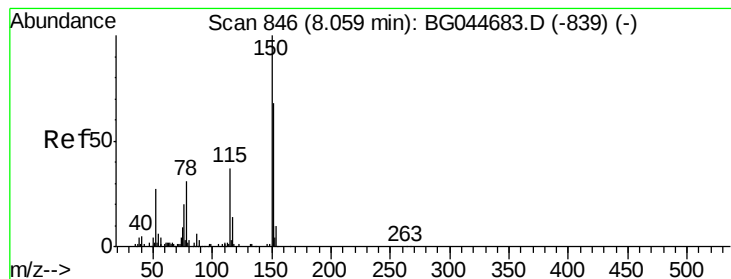
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030520\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	30702	13.702	ng	98
43) 2,4,6-Trichlorophenol	13.12	196	37408	10.143	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	39798	10.505	ng	# 94
46) 1,1'-Biphenyl	13.53	154	146760	10.511	ng	99
47) 2-Chloronaphthalene	13.57	162	109276	9.981	ng	98
48) 2-Nitroaniline	13.76	65	24686	8.122	ng	88
49) Acenaphthylene	14.42	152	176764	10.937	ng	99
50) Dimethylphthalate	14.15	163	155642	11.429	ng	99
51) 2,6-Dinitrotoluene	14.25	165	19984	6.654	ng	95
52) Acenaphthene	14.76	154	109320	10.611	ng	96
53) 3-Nitroaniline	14.57	138	24390	7.530	ng	# 98
54) 2,4-Dinitrophenol	14.78	184	8111	5.620	ng	# 25
55) Dibenzofuran	15.09	168	176480	11.174	ng	98
56) 4-Nitrophenol	14.87	139	19235	8.633	ng	92
57) 2,4-Dinitrotoluene	15.04	165	25034	5.929	ng	# 96
58) Fluorene	15.74	166	148167	11.832	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.23	232	34928	10.011	ng	98
60) Diethylphthalate	15.52	149	168854	12.514	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	78400	11.514	ng	97
62) 4-Nitroaniline	15.74	138	29907	9.221	ng	84
63) Azobenzene	16.03	77	177736	15.477	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	12380	5.188	ng	81
66) n-Nitrosodiphenylamine	15.94	169	130567	10.861	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	52318	10.936	ng	99
68) Hexachlorobenzene	16.75	284	56585	10.462	ng	97
69) Atrazine	16.90	200	54493	12.261	ng	96
70) Pentachlorophenol	17.09	266	27205	12.141	ng	94
71) Phenanthrene	17.48	178	240491	11.271	ng	96
72) Anthracene	17.57	178	238327	11.334	ng	99
73) Carbazole	17.84	167	237427	12.405	ng	99
74) Di-n-butylphthalate	18.42	149	295747	12.331	ng	98
75) Fluoranthene	19.49	202	305309	12.087	ng	97
77) Benzidine	19.66	184	170227	13.516	ng	97
78) Pyrene	19.85	202	306402	11.480	ng	98
80) Butylbenzylphthalate	20.75	149	123399	10.570	ng	98
81) Benzo(a)anthracene	21.70	228	306671	11.868	ng	96
82) 3,3'-Dichlorobenzidine	21.61	252	115661	11.330	ng	97
83) Chrysene	21.76	228	291574	11.670	ng	95
84) Bis(2-ethylhexyl)phthalate	21.64	149	185428	11.527	ng	99
85) Di-n-octyl phthalate	22.87	149	316409	11.180	ng	99
86) Indeno(1,2,3-cd)pyrene	28.61	276	357971	11.164	ng	99
88) Benzo(b)fluoranthene	23.92	252	312999	11.178	ng	98
89) Benzo(k)fluoranthene	23.99	252	293598	10.806	ng	97
90) Benzo(a)pyrene	24.79	252	290393	11.038	ng	96
91) Dibenzo(a,h)anthracene	28.68	278	288850	11.101	ng	98
92) Benzo(g,h,i)perylene	29.75	276	283595	10.879	ng	95

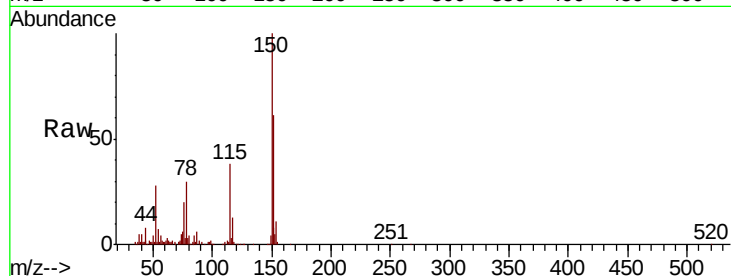
(#) = qualifier out of range (m) = manual integration (+) = signals summed



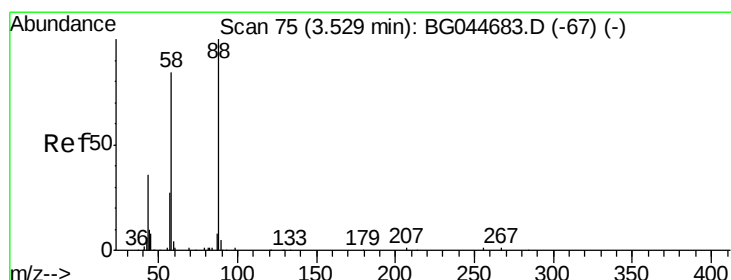
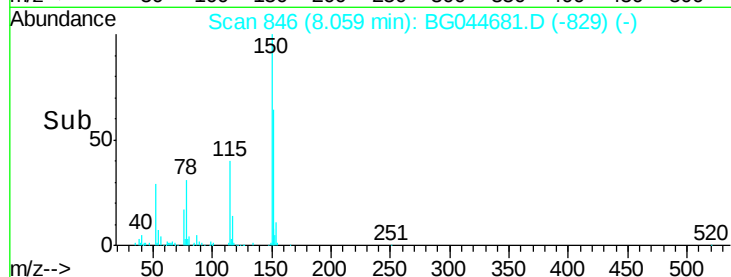
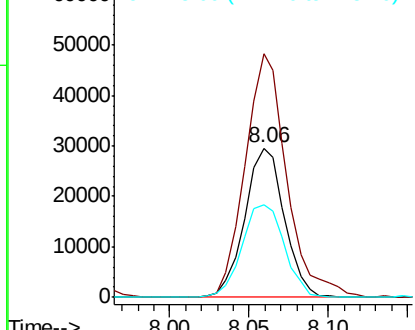
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BG044681.D
 Acq: 5 Mar 2020 12:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 51360
 Ion Ratio Lower Upper
 152 100
 150 163.0 118.6 177.8
 115 62.1 43.6 65.4

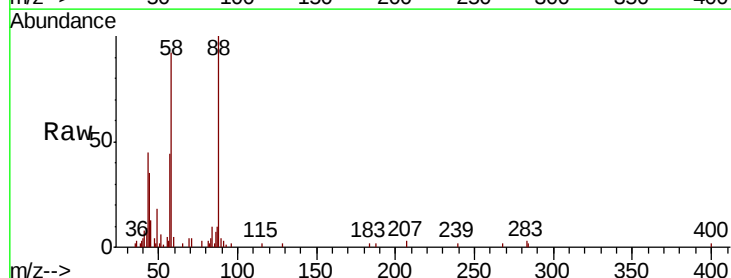


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

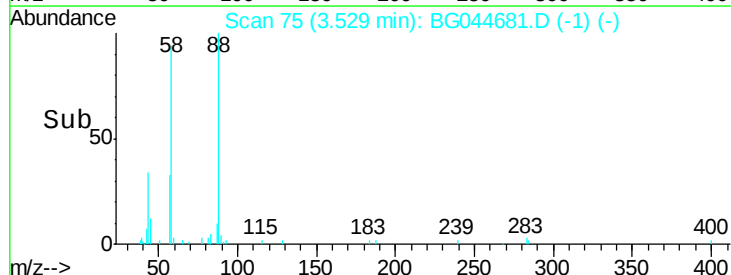
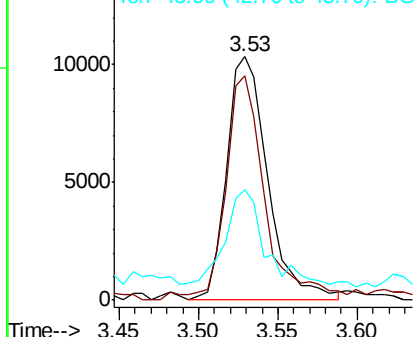


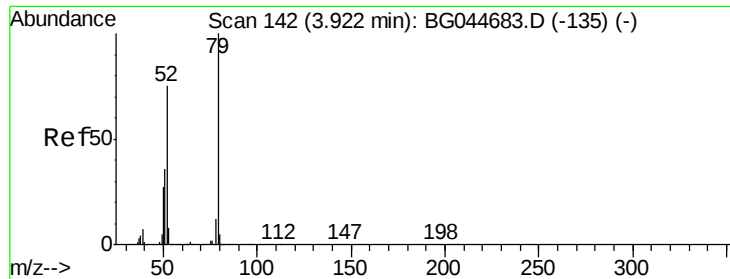
#2
 1,4-Dioxane
 Concen: 13.275 ng
 RT: 3.53 min Scan# 75
 Delta R.T. 0.00 min
 Lab File: BG044681.D
 Acq: 5 Mar 2020 12:46

Tgt Ion: 88 Resp: 18543
 Ion Ratio Lower Upper
 88 100
 58 88.8 66.6 99.8
 43 38.0 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: 13.952 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Instrument :

BNA_G

ClientSampleId :

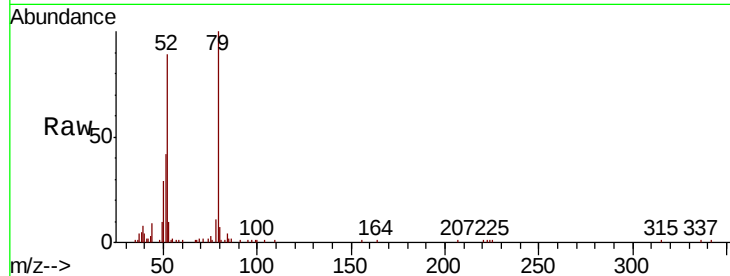
Tot Ion: 79 Resp: 54379

Ion Ratio Lower Upper

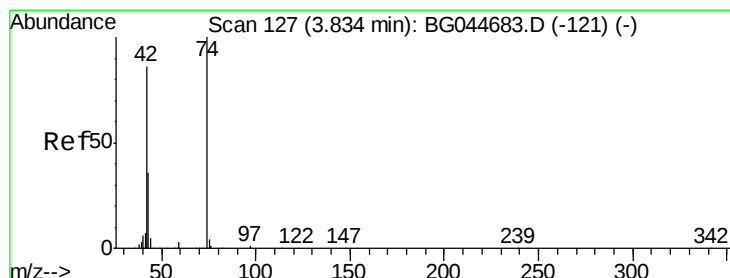
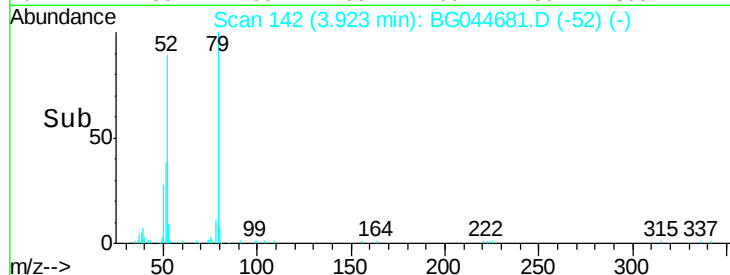
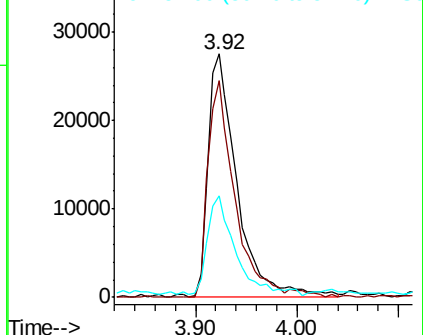
79 100

52 89.0 59.9 89.9

51 41.7 29.3 43.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 16.864 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

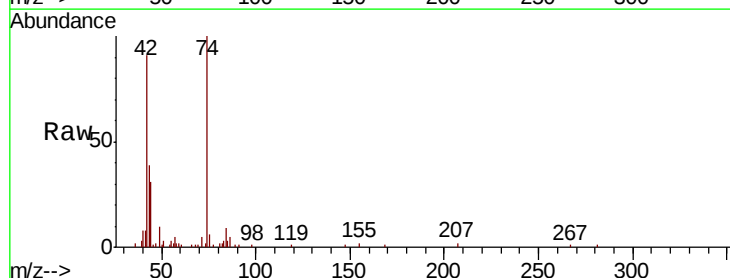
Tgt Ion: 42 Resp: 24965

Ion Ratio Lower Upper

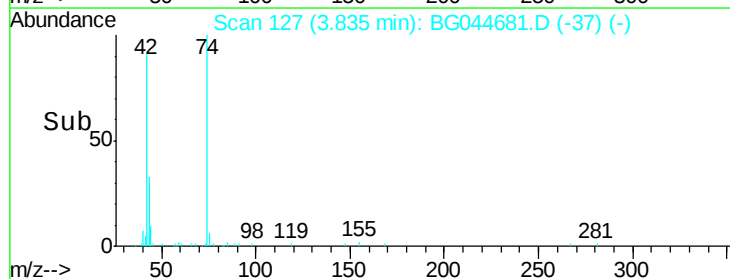
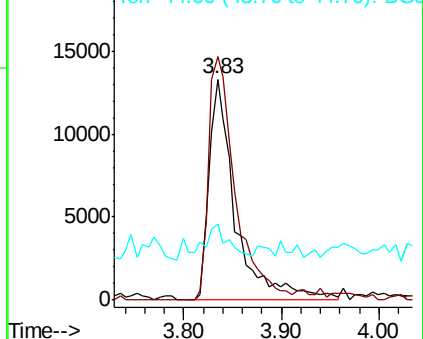
42 100

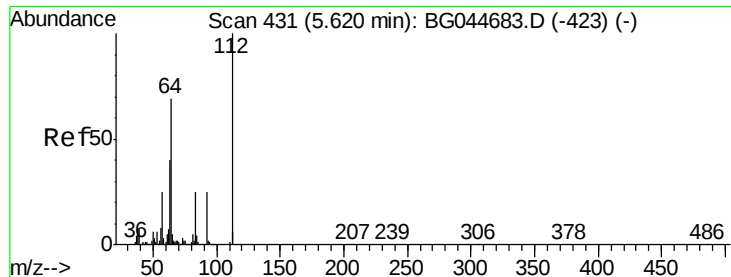
74 110.1 93.4 140.2

44 34.2 8.9 13.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 24.375 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Instrument :

BNA_G

ClientSampled :

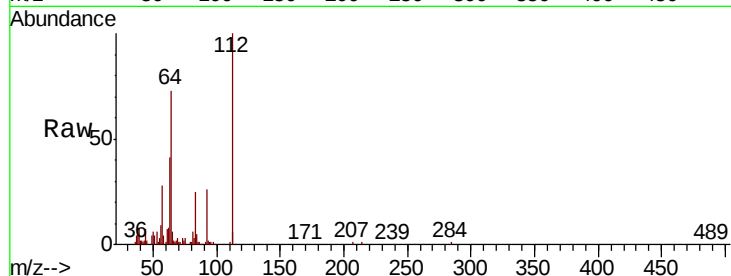
Tot Ion:112 Resp: 78027

Ion Ratio Lower Upper

112 100

64 72.7 55.4 83.0

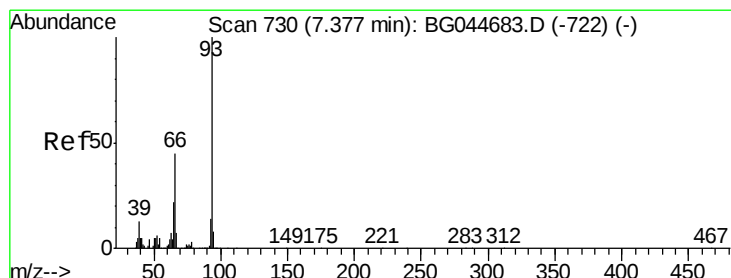
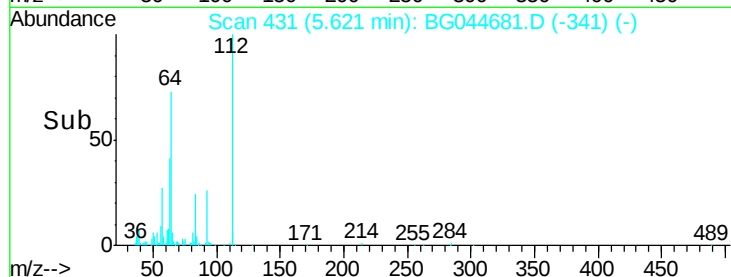
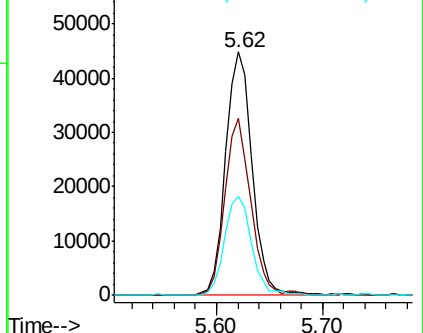
63 40.6 32.1 48.1



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: 13.868 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

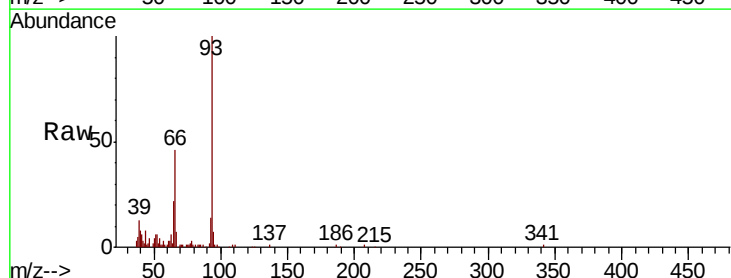
Tgt Ion: 93 Resp: 73984

Ion Ratio Lower Upper

93 100

66 46.1 35.8 53.8

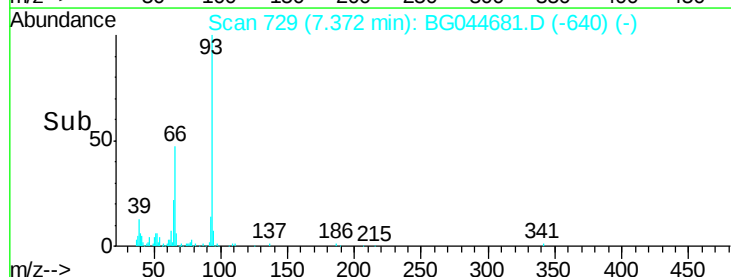
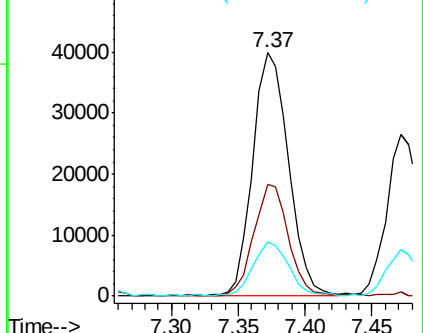
65 22.0 17.9 26.9

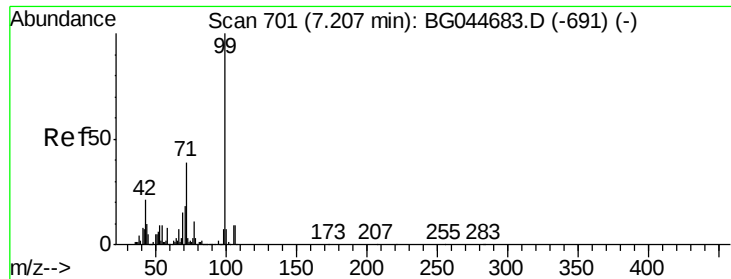


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 26.777 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Instrument :

BNA_G

ClientSampled :

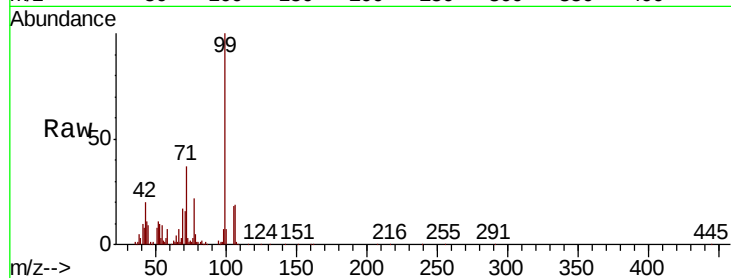
Tot Ion: 99 Resp: 117329

Ion Ratio Lower Upper

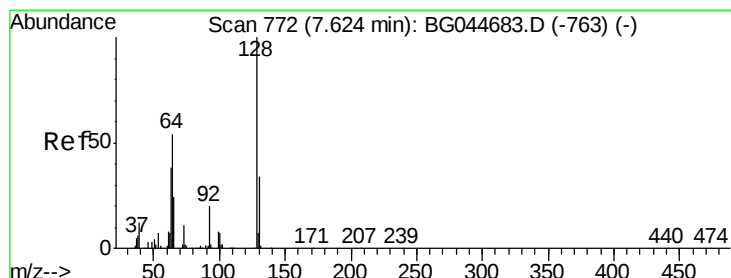
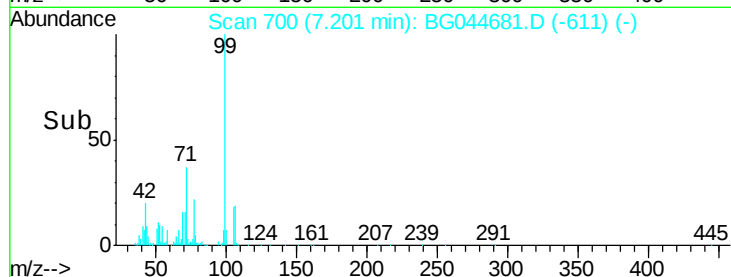
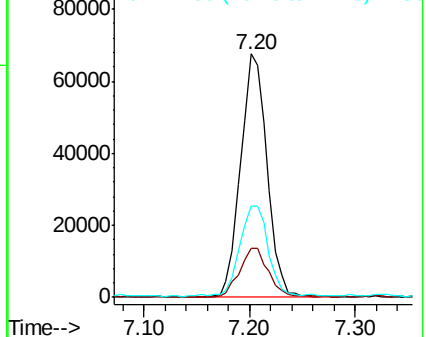
99 100

42 20.3 16.5 24.7

71 37.3 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: 11.279 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

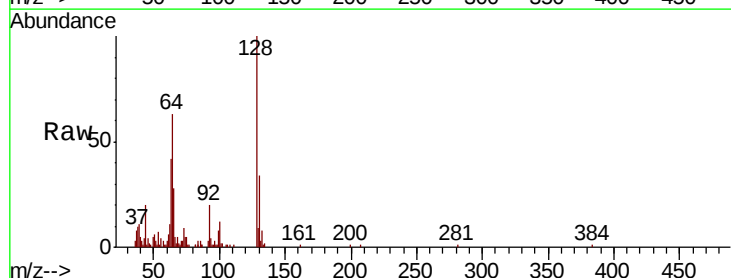
Tgt Ion:128 Resp: 39414

Ion Ratio Lower Upper

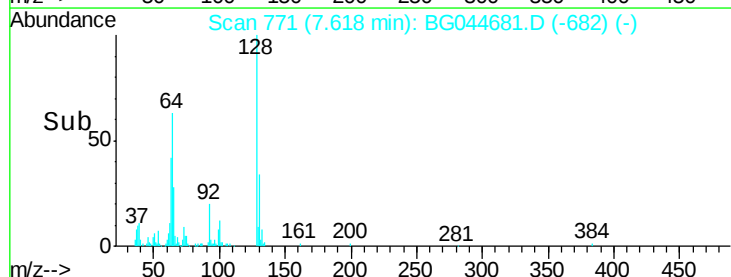
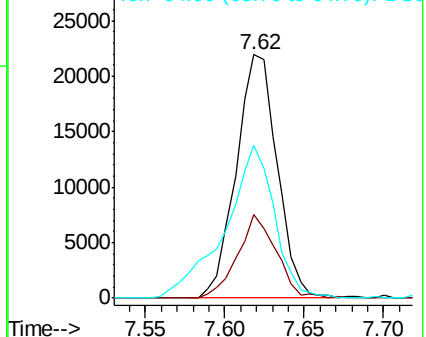
128 100

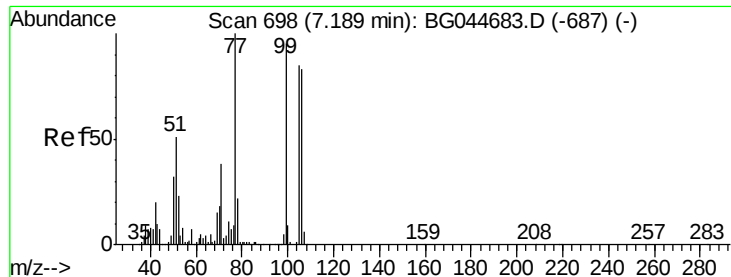
130 34.1 14.0 54.0

64 62.8 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: 17.763 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Instrument :

BNA_G

ClientSampleId :

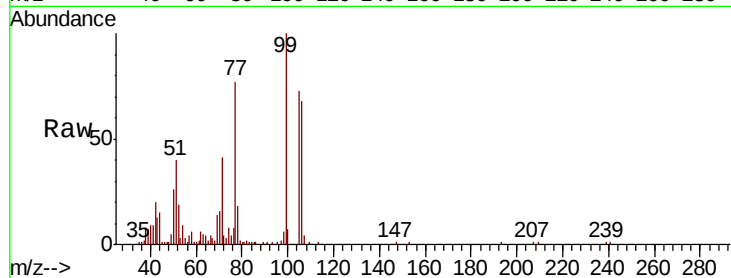
Tot Ion: 77 Resp: 45767

Ion Ratio Lower Upper

77 100

105 94.7 65.1 105.1

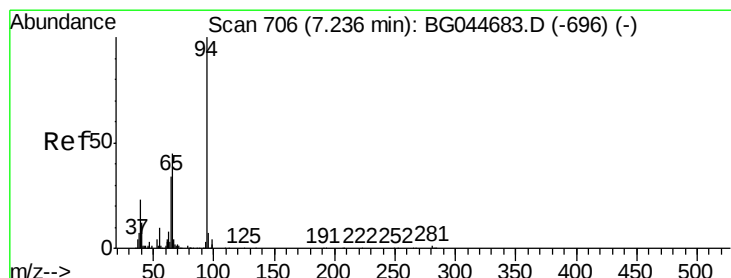
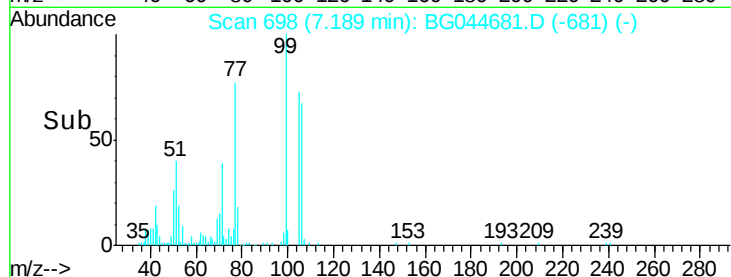
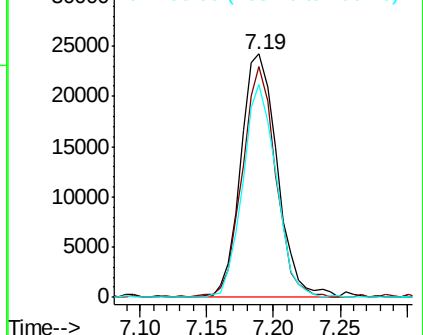
106 87.5 63.1 103.1



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: 13.478 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

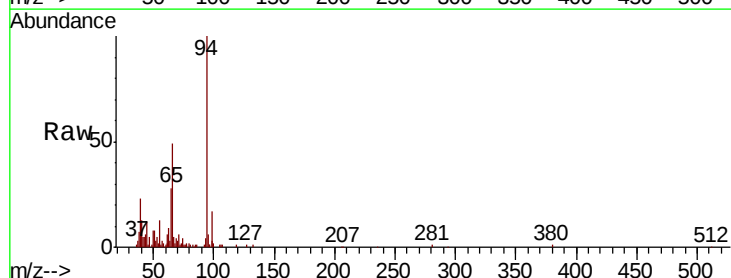
Tgt Ion: 94 Resp: 57230

Ion Ratio Lower Upper

94 100

65 28.0 13.5 53.5

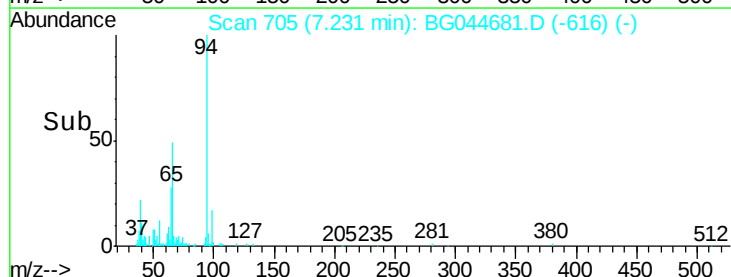
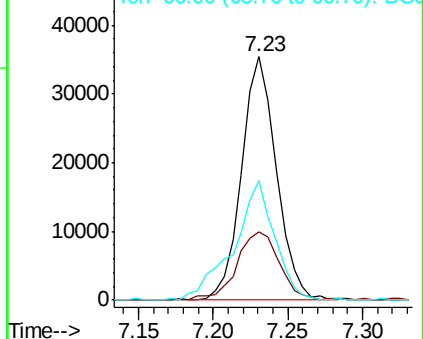
66 48.8 25.8 65.8

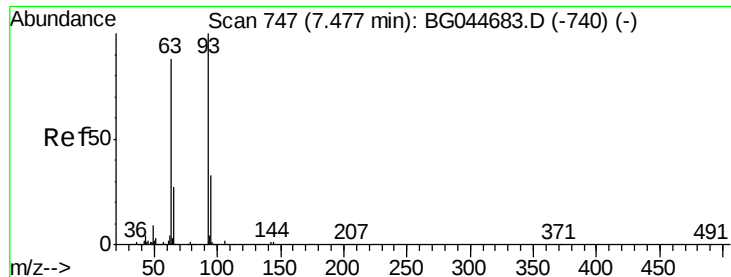


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

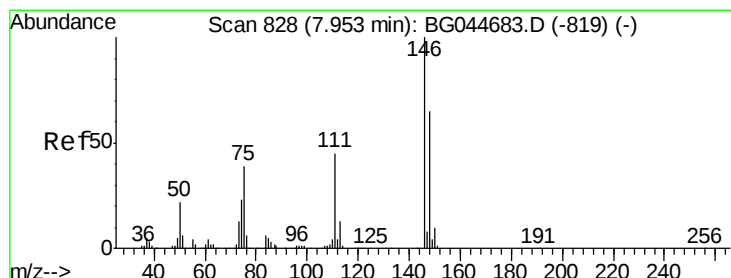
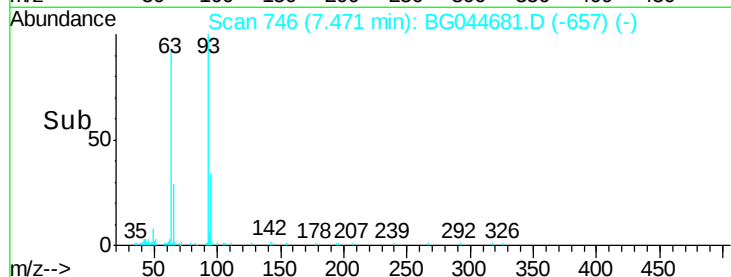
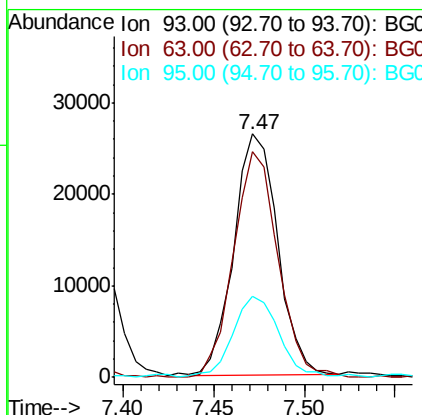
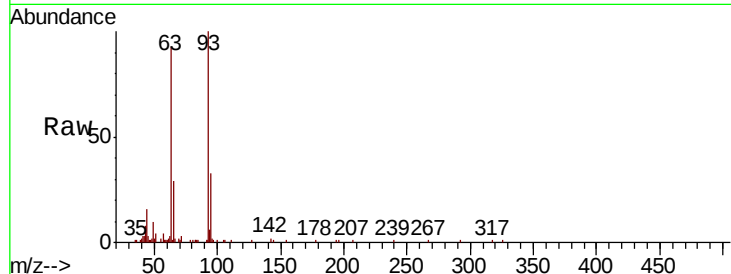




#11
bis(2-Chloroethyl)ether
Concen: 12.420 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

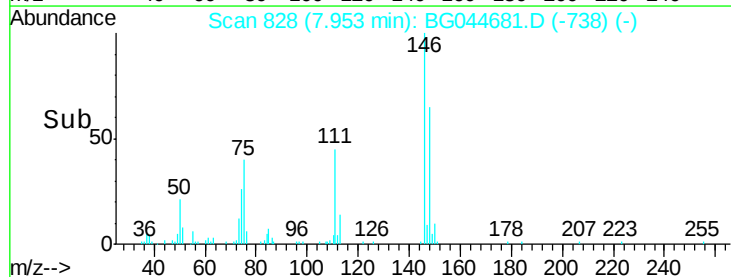
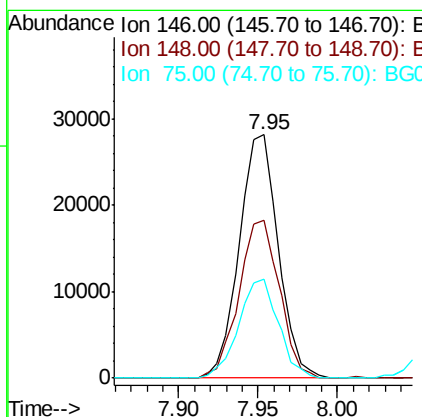
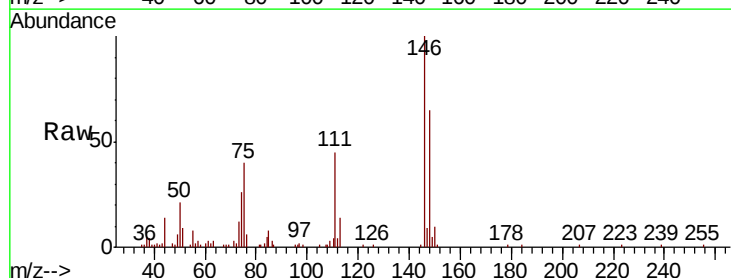
Instrument :
BNA_G
ClientSampleId :

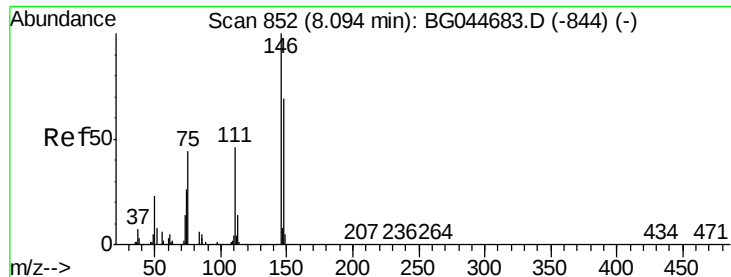
Tot Ion: 93 Resp: 44336
Ion Ratio Lower Upper
93 100
63 92.8 67.8 107.8
95 33.5 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 11.537 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

Tgt Ion: 146 Resp: 48082
Ion Ratio Lower Upper
146 100
148 64.7 51.9 77.9
75 40.5 31.0 46.6

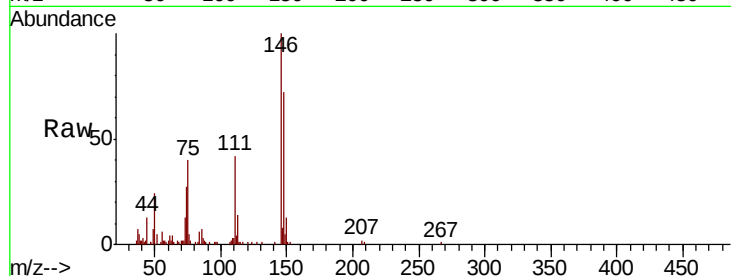




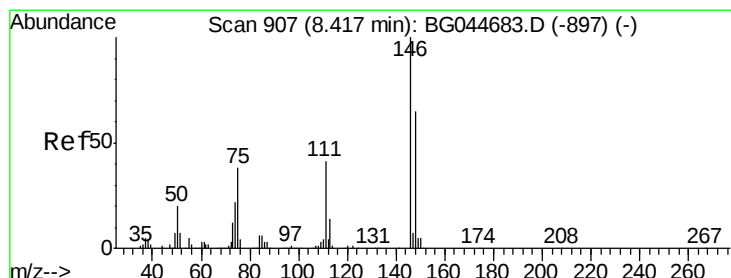
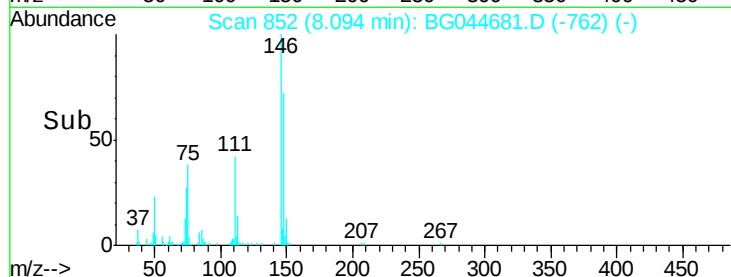
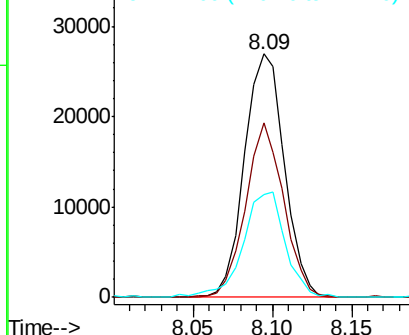
#13
 1,4-Dichlorobenzene
 Concen: 11.232 ng
 RT: 8.09 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG044681.D
 Acq: 5 Mar 2020 12:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 47045
 Ion Ratio Lower Upper
 146 100
 148 71.5 55.0 82.4
 111 42.4 37.2 55.8

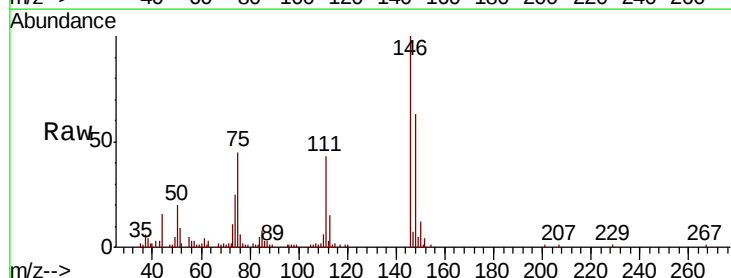


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

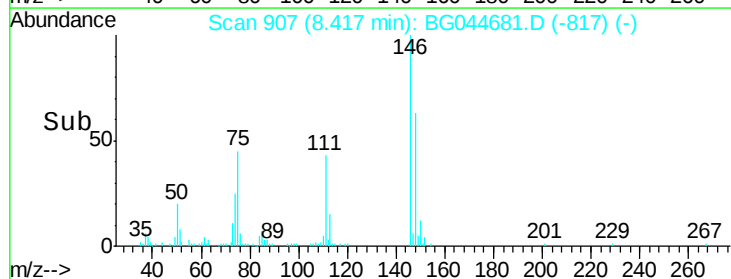
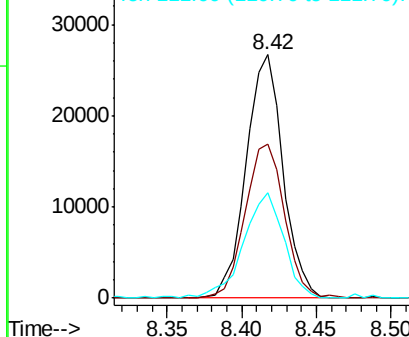


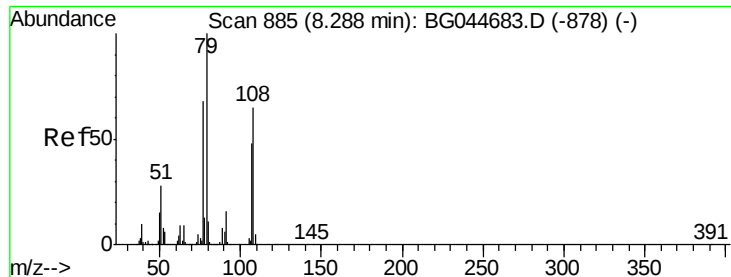
#14
 1,2-Dichlorobenzene
 Concen: 11.395 ng
 RT: 8.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BG044681.D
 Acq: 5 Mar 2020 12:46

Tgt Ion:146 Resp: 45387
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.8 77.8
 111 43.4 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: 16.962 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Instrument :

BNA_G

ClientSampleId :

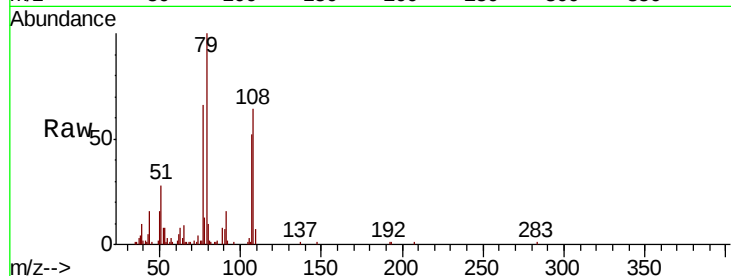
Tot Ion: 79 Resp: 50123

Ion Ratio Lower Upper

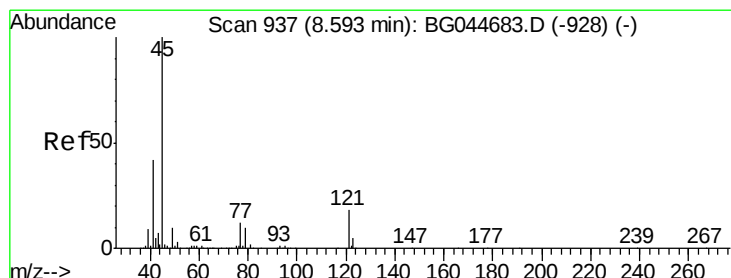
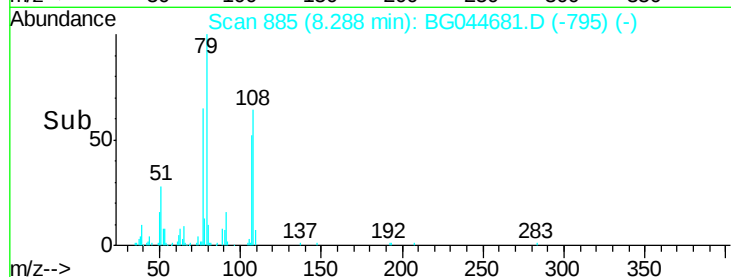
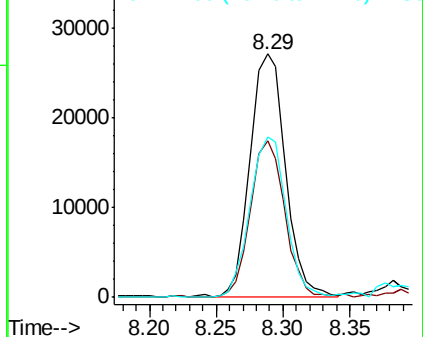
79 100

108 64.3 52.2 78.4

77 65.9 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: 18.547 ng

RT: 8.59 min Scan# 937

Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

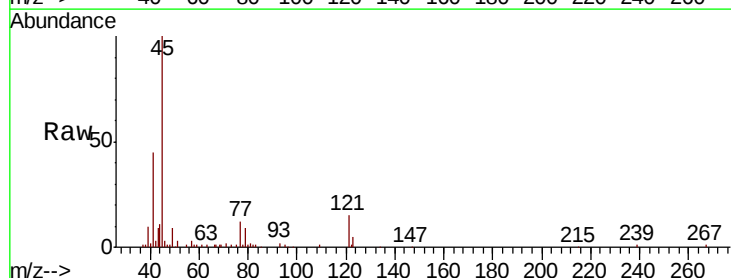
Tgt Ion: 45 Resp: 88978

Ion Ratio Lower Upper

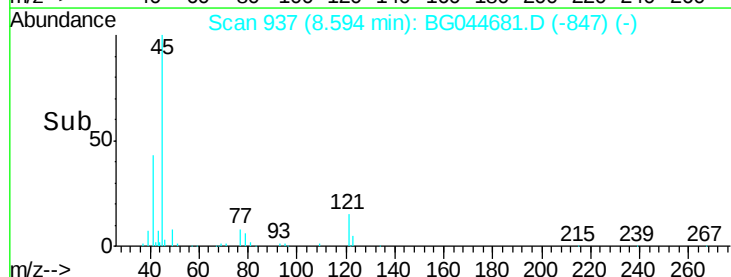
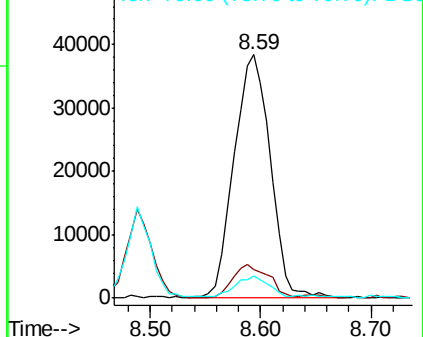
45 100

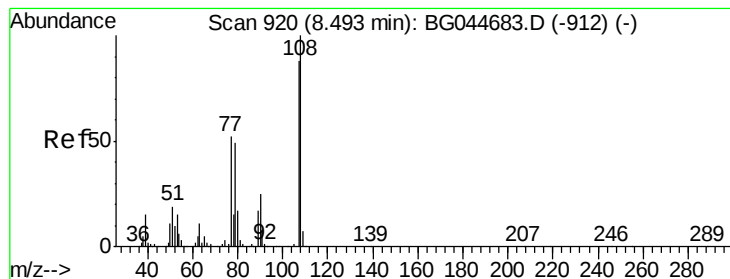
77 11.5 0.0 32.1

79 9.1 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: 13.568 ng

RT: 8.49 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 41158

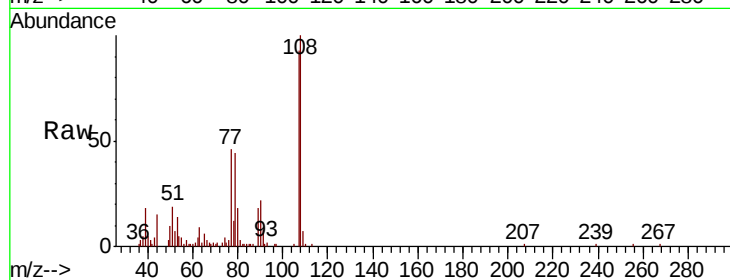
Ion Ratio Lower Upper

107 100

108 108.0 90.5 135.7

77 49.5 47.3 70.9

79 47.6 44.6 67.0

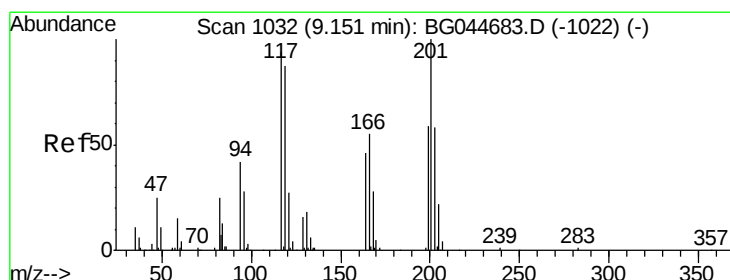
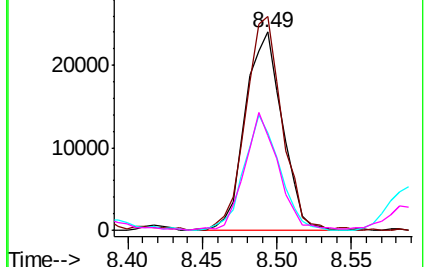
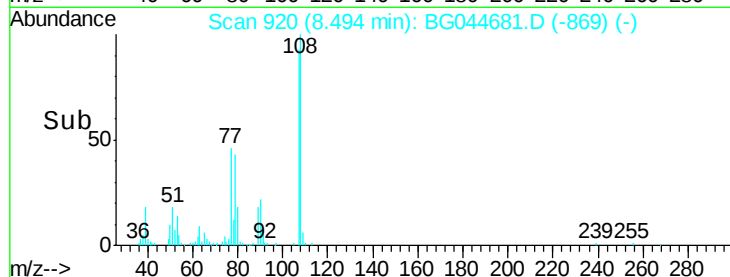


Abundance Ion 107.00 (106.70 to 107.70): E

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: 12.243 ng

RT: 9.15 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

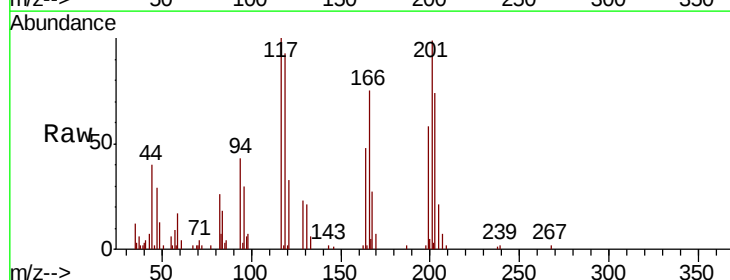
Tgt Ion:117 Resp: 18740

Ion Ratio Lower Upper

117 100

119 93.2 74.5 111.7

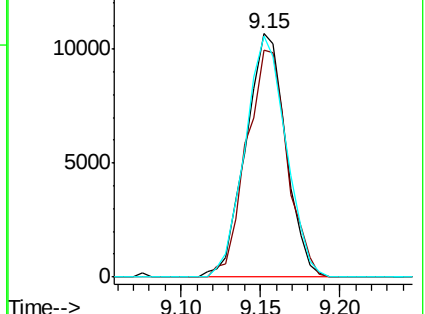
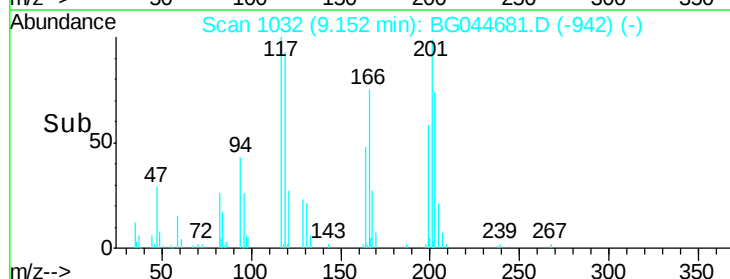
201 98.9 85.5 128.3

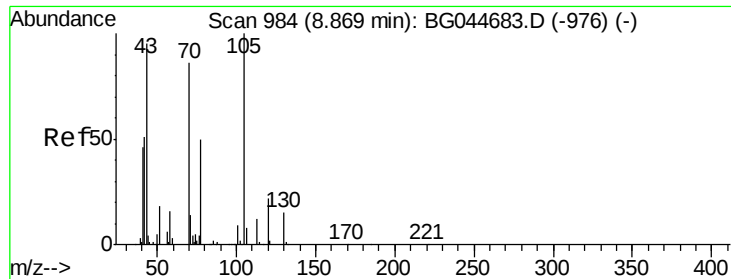


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

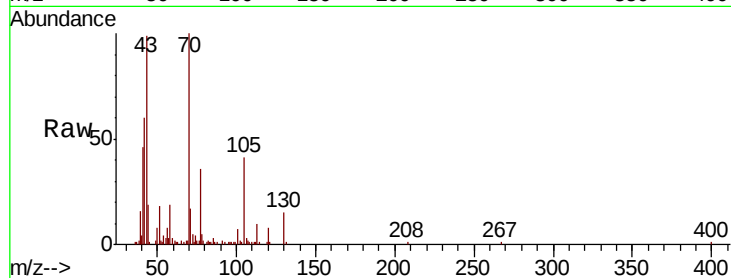




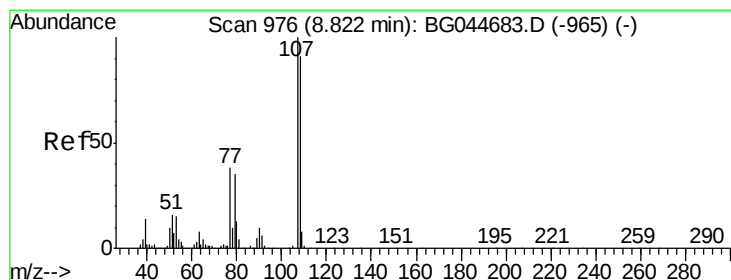
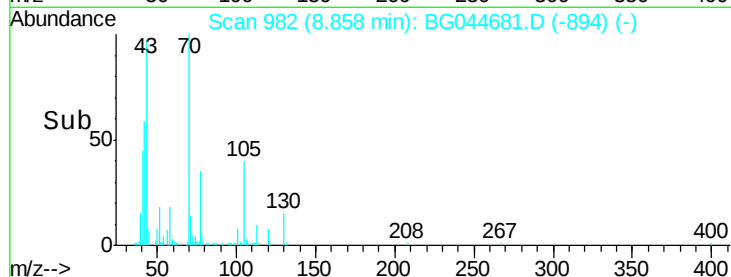
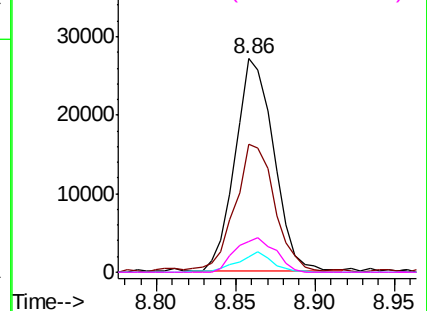
#19
n-Nitroso-di-n-propylamine
Concen: 16.136 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 45446
Ion Ratio Lower Upper
70 100
42 59.8 48.9 73.3
101 7.5 8.0 12.0#
130 14.5 14.1 21.1

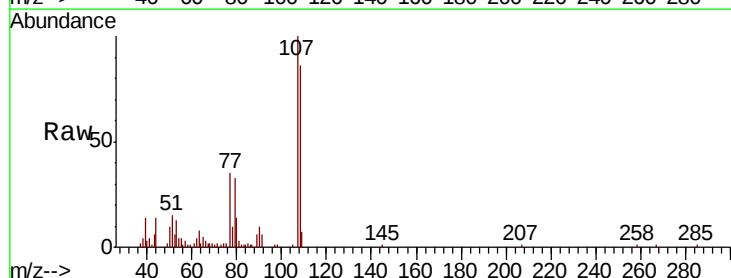


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

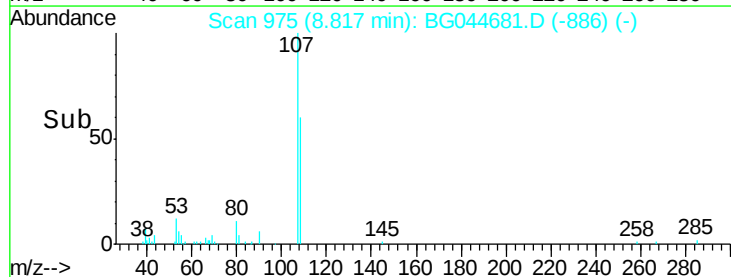
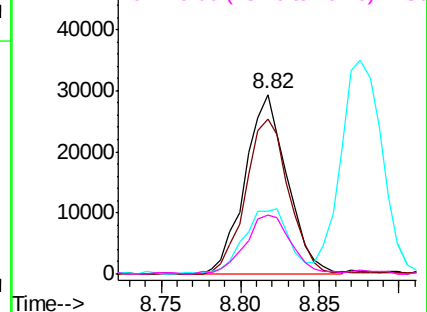


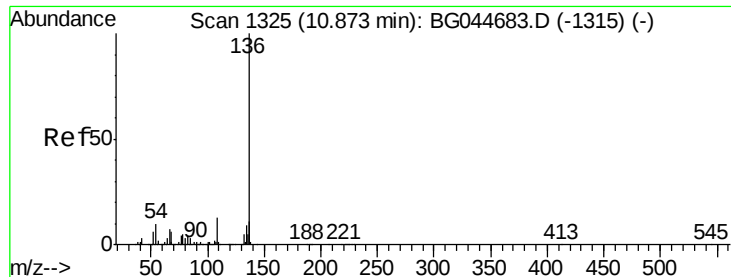
#20
3+4-Methylphenols
Concen: 13.069 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

Tgt Ion: 107 Resp: 54275
Ion Ratio Lower Upper
107 100
108 86.5 70.8 110.8
77 35.3 17.8 57.8
79 32.9 14.9 54.9



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

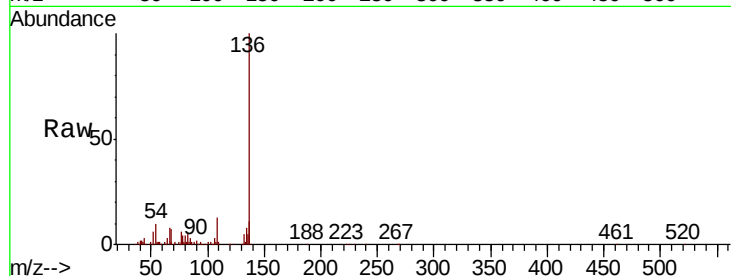




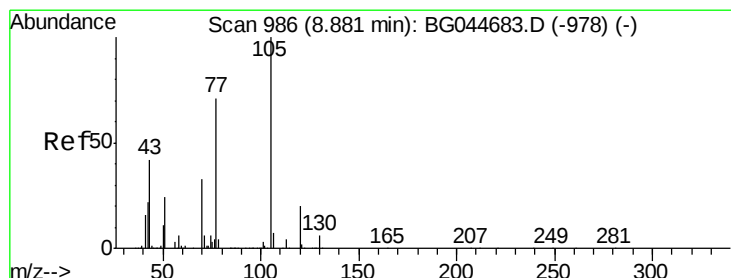
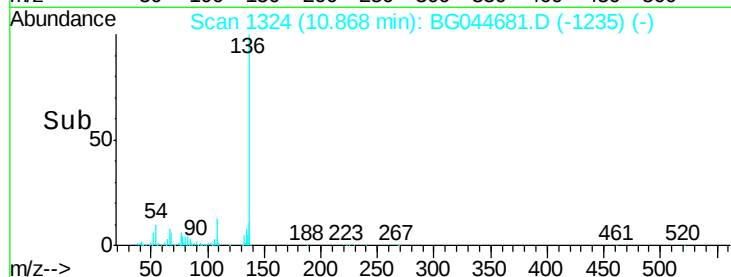
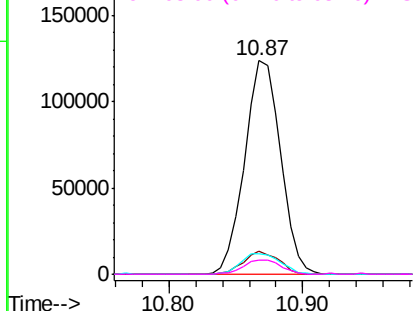
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	229566
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.6	12.8
54 9.6	8.2	12.4
68 6.5	5.3	7.9

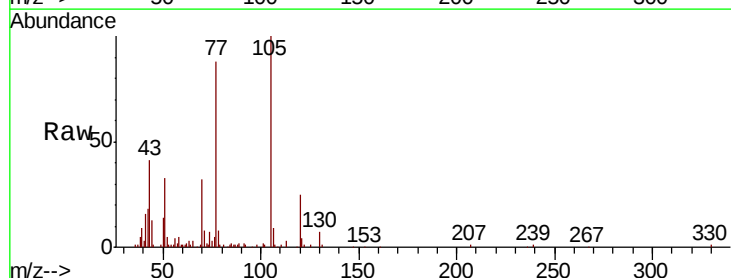


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

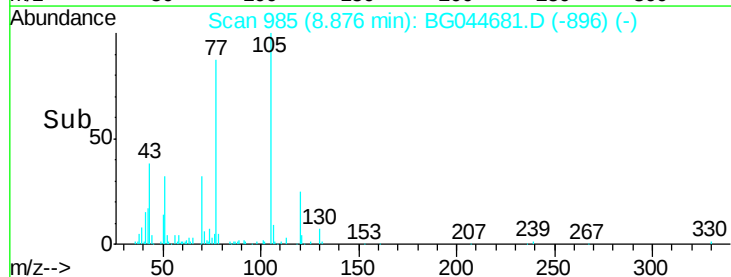
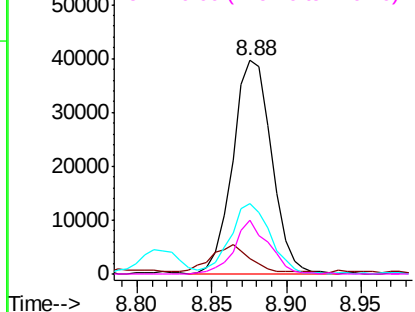


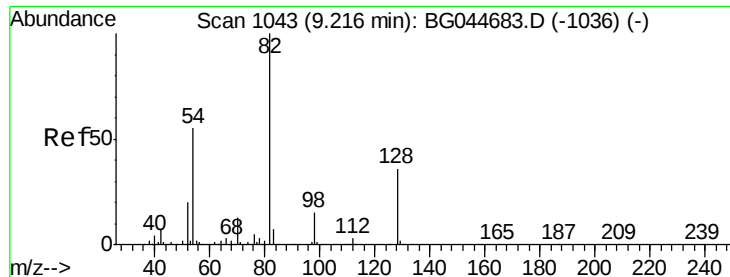
#22
Acetophenone
Concen: 12.481 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

Tgt Ion	Ion:105	Resp:	71935
Ion	Ratio	Lower	Upper
105	100		
71	7.5	4.8	7.2#
51	33.0	24.0	36.0
120	25.3	16.2	24.2#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

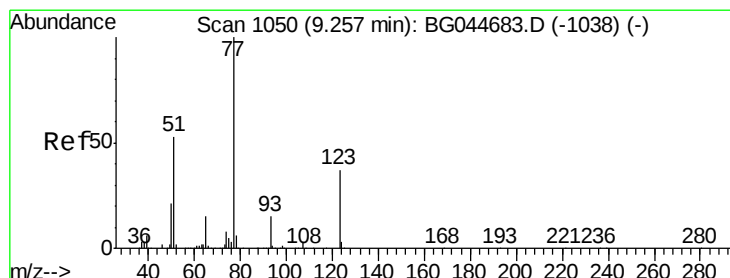
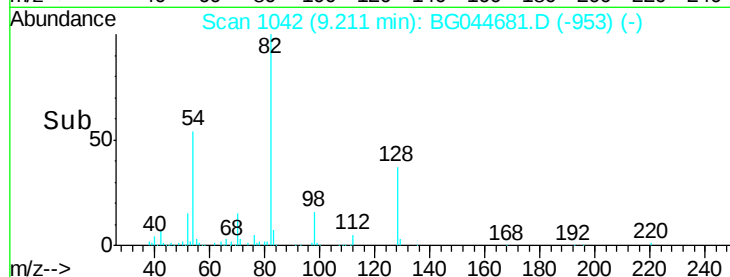
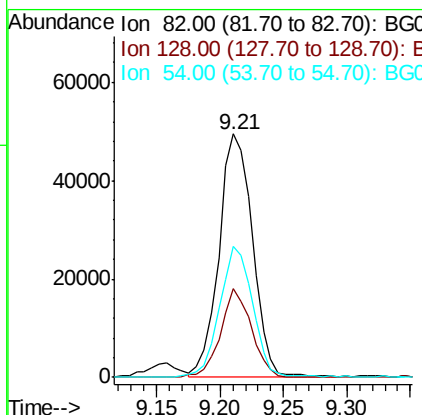
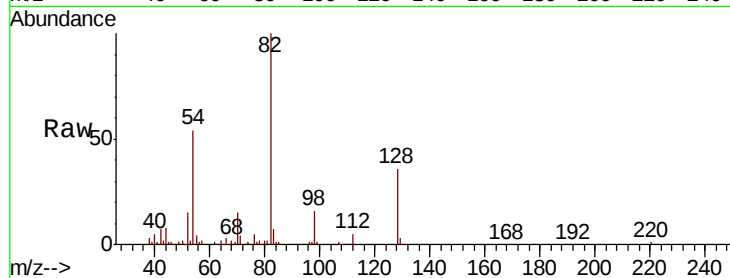




#23
Nitrobenzene-d5
Concen: 20.425 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

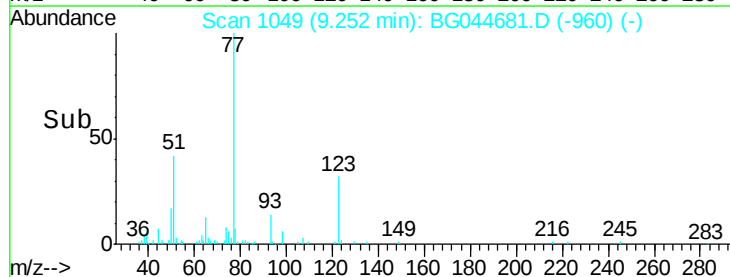
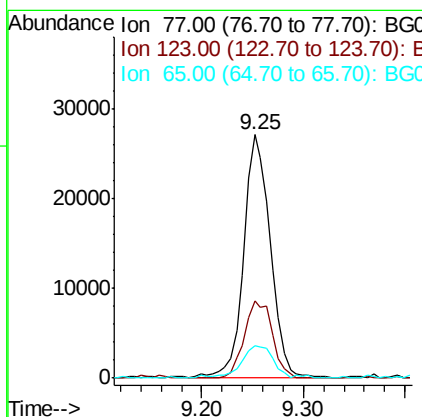
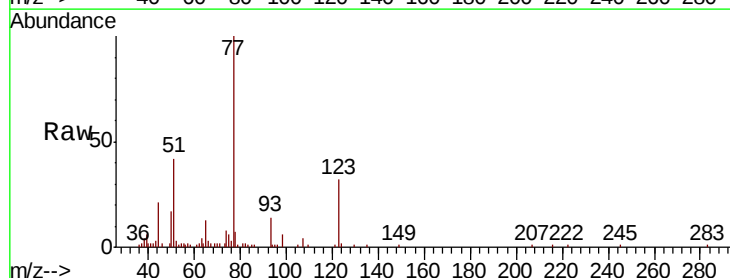
Instrument :
BNA_G
ClientSampleId :

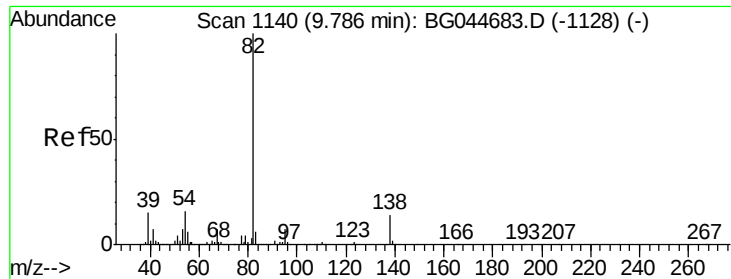
Tot Ion	82	Resp	91016
Ion Ratio	Lower	Upper	
82	100		
128	36.4	28.5	42.7
54	53.6	43.6	65.4



#24
Nitrobenzene
Concen: 11.459 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

Tgt Ion	77	Resp	49471
Ion Ratio	Lower	Upper	
77	100		
123	31.9	29.7	44.5
65	13.2	11.7	17.5





#25

Isophorone

Concen: 14.903 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Instrument :

BNA_G

ClientSampleId :

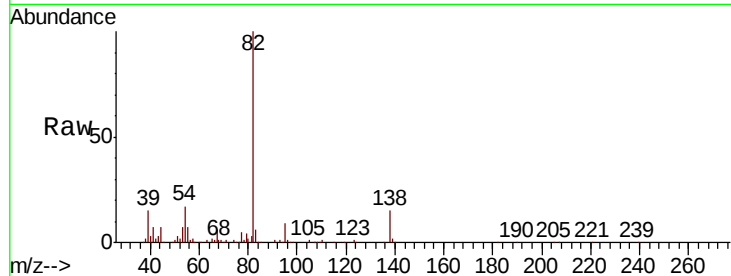
Tot Ion: 82 Resp: 124228

Ion Ratio Lower Upper

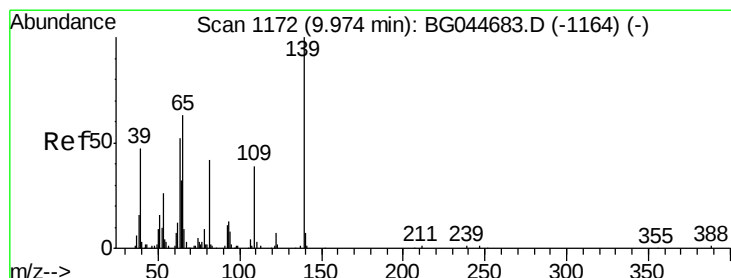
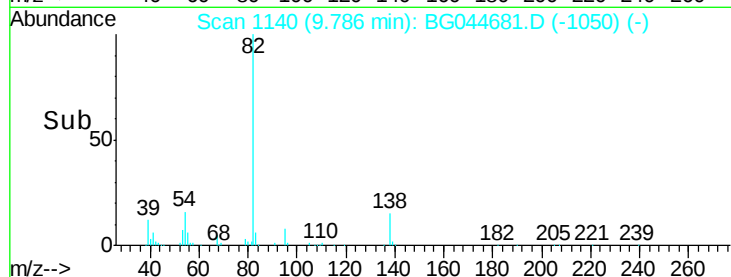
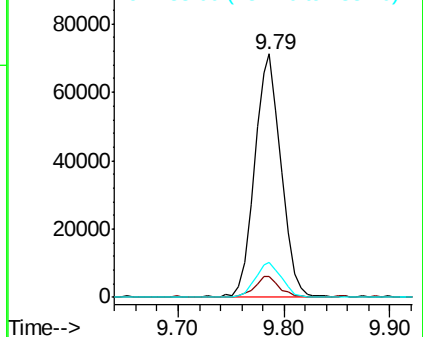
82 100

95 8.7 6.0 9.0

138 14.5 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: 6.258 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

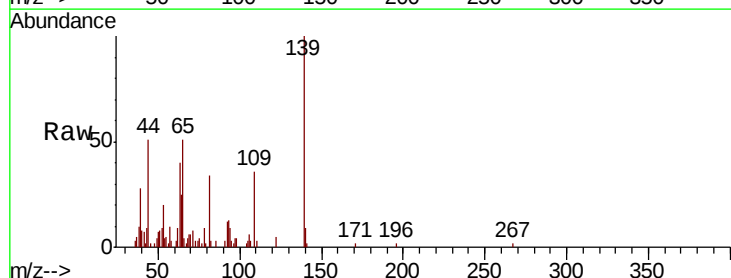
Tgt Ion: 139 Resp: 14651

Ion Ratio Lower Upper

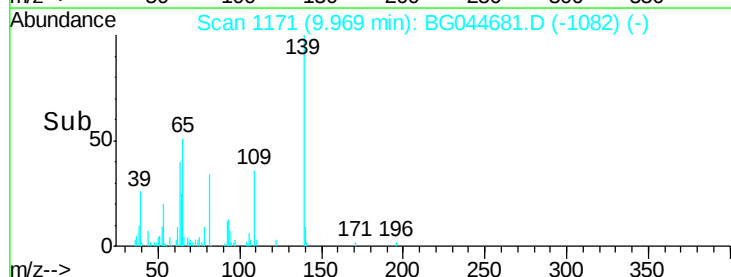
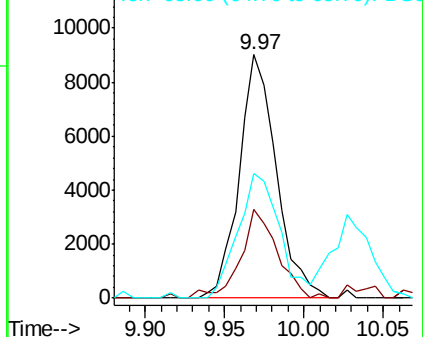
139 100

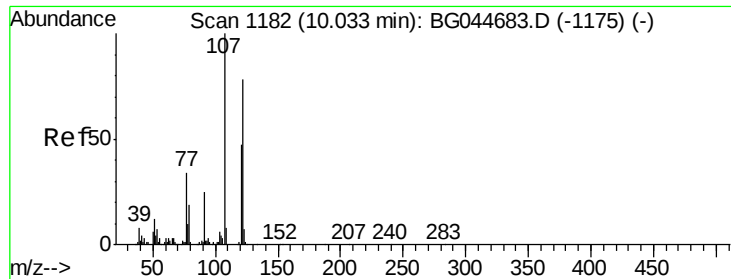
109 36.4 31.1 46.7

65 50.9 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: 11.626 ng

RT: 10.03 min Scan# 1182

Delta R.T. 0.00 min

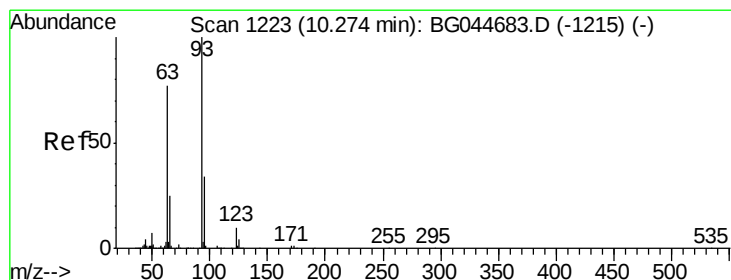
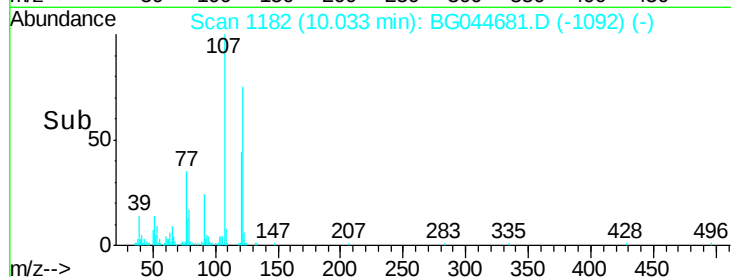
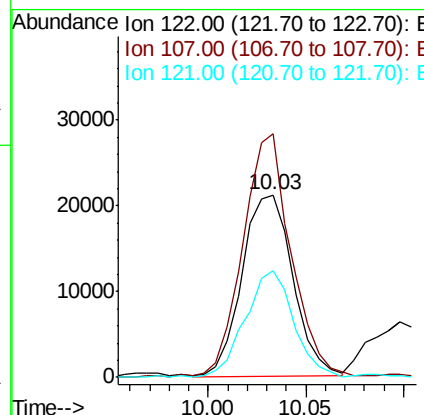
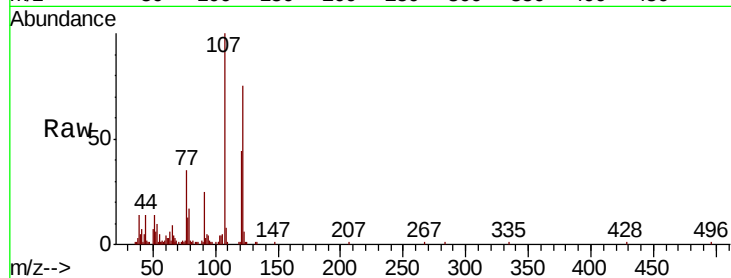
Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 38219

Ion	Ratio	Lower	Upper
122	100		
107	133.4	101.7	152.5
121	58.2	47.5	71.3



#28

bis(2-Chloroethoxy)methane

Concen: 12.489 ng

RT: 10.27 min Scan# 1222

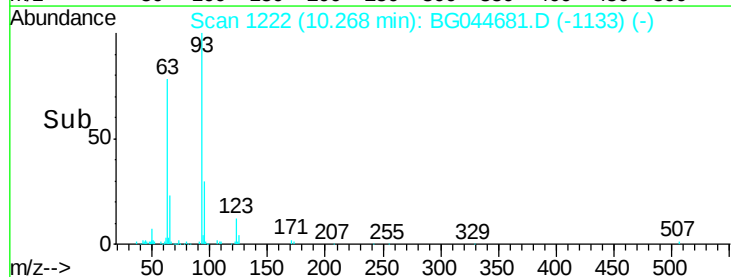
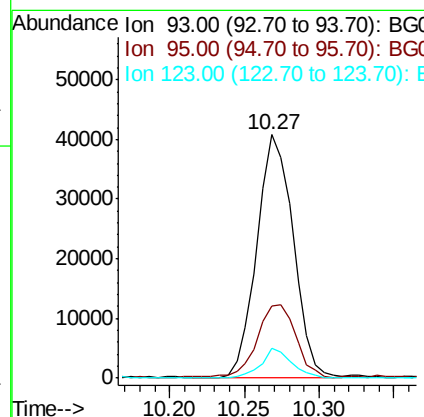
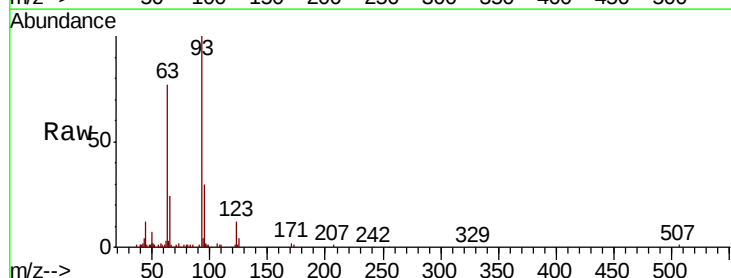
Delta R.T. -0.01 min

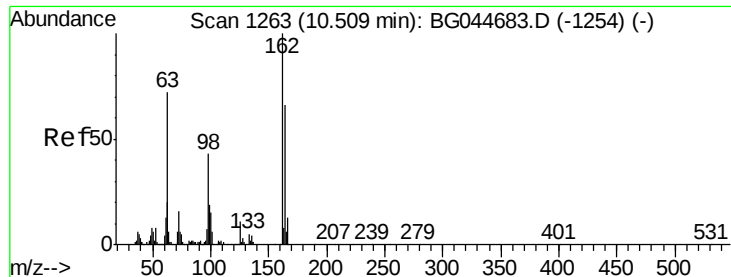
Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Tgt Ion: 93 Resp: 68844

Ion	Ratio	Lower	Upper
93	100		
95	29.8	27.0	40.6
123	12.2	8.3	12.5

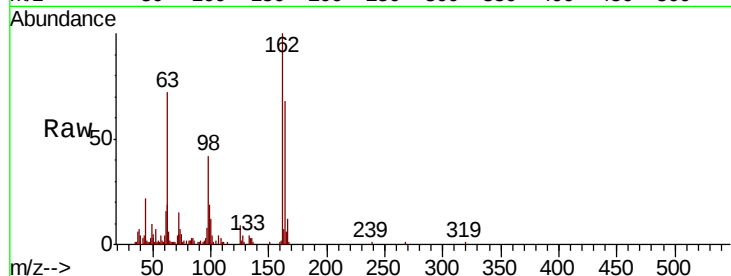




#29
2,4-Dichlorophenol
Concen: 10.185 ng
RT: 10.50 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.0	46.1	86.1
98	41.6	22.8	62.8

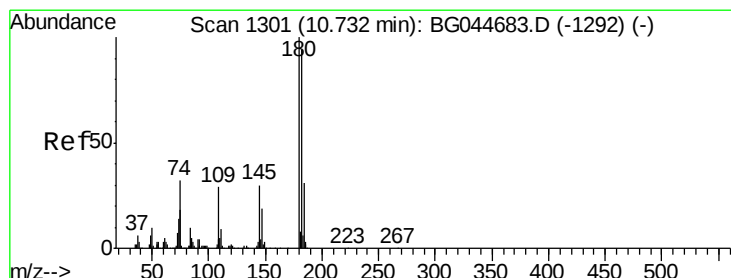
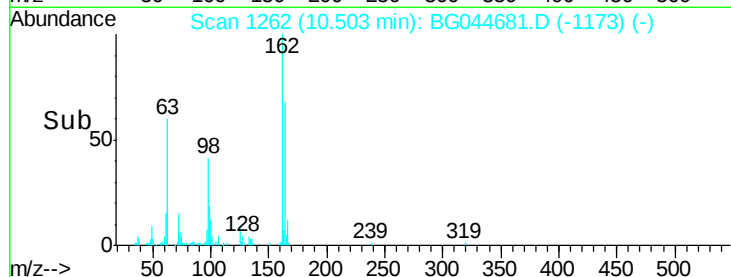
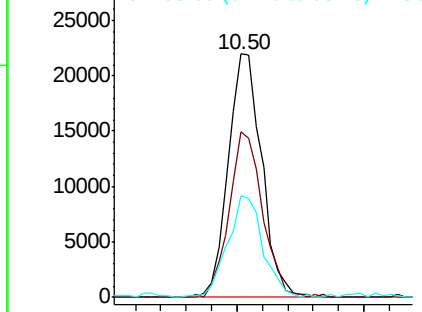


Abundance

Ion 162.00 (161.70 to 162.70): E

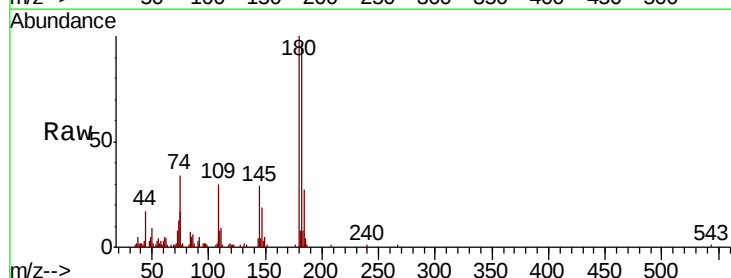
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 10.706 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.1	112.7
145	28.8	23.8	35.8

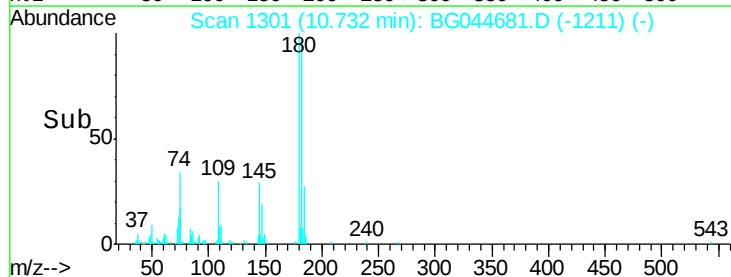
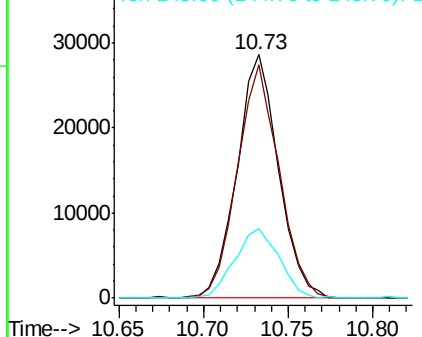


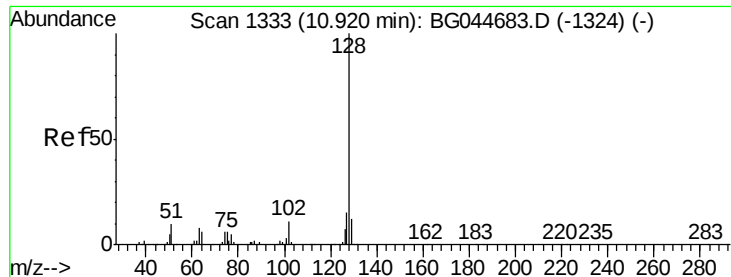
Abundance

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

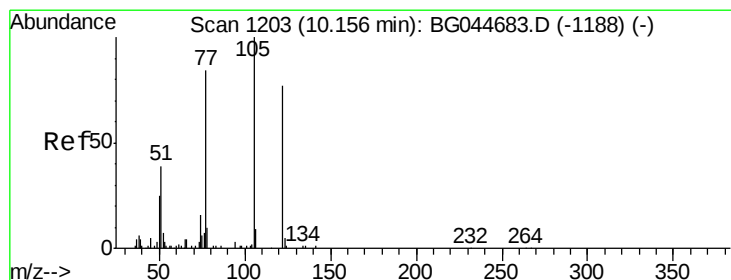
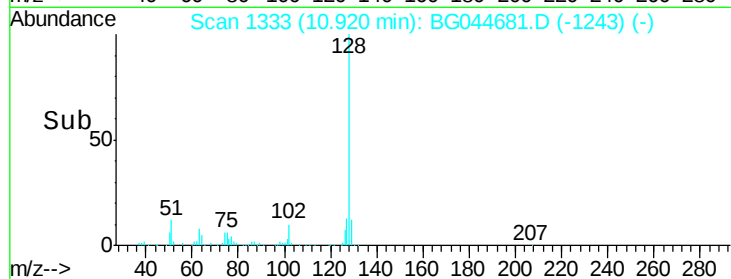
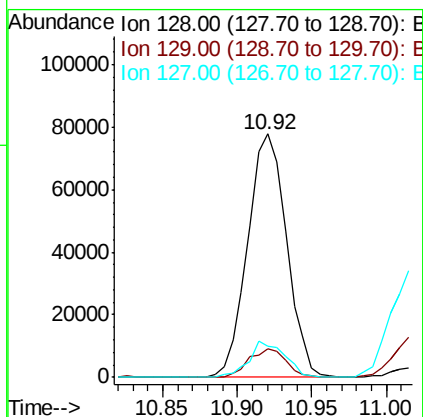
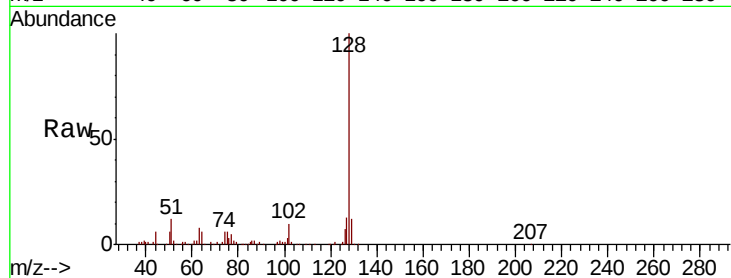




#31
Naphthalene
Concen: 11.203 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

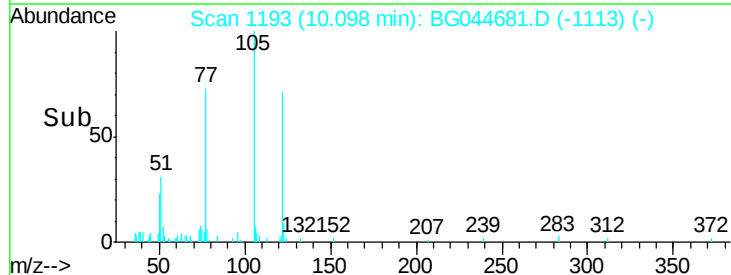
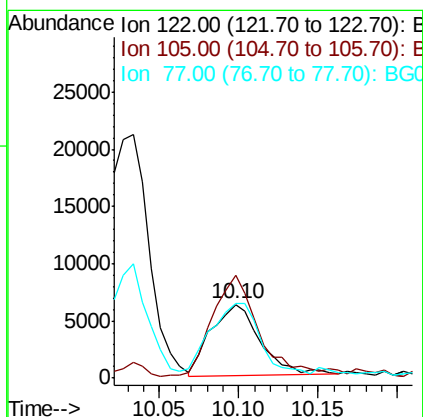
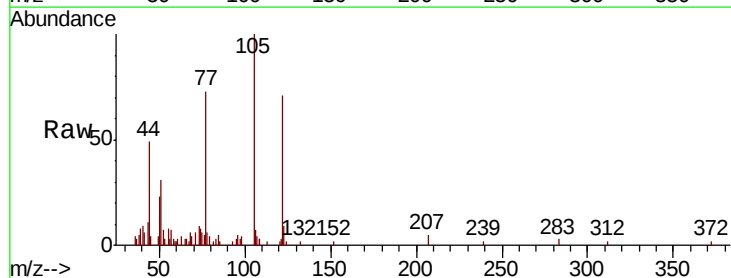
Instrument :
BNA_G
ClientSampleId :

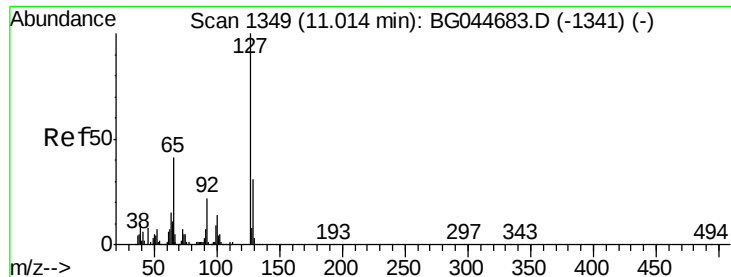
Tot Ion:128 Resp: 140333
Ion Ratio Lower Upper
128 100
129 11.6 9.7 14.5
127 12.9 11.6 17.4



#32
Benzoic acid
Concen: 10.503 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.06 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

Tgt Ion:122 Resp: 13401
Ion Ratio Lower Upper
122 100
105 139.9 105.1 145.1
77 101.6 87.7 127.7

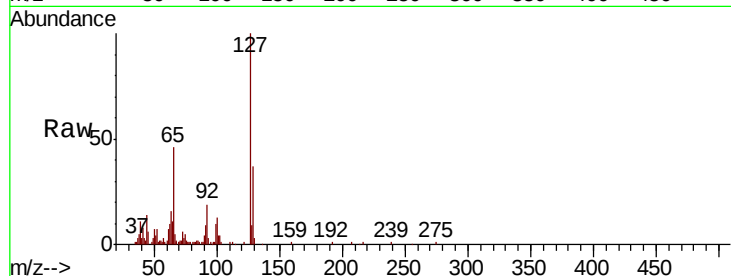




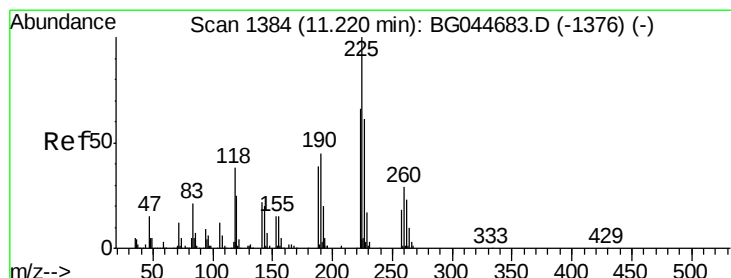
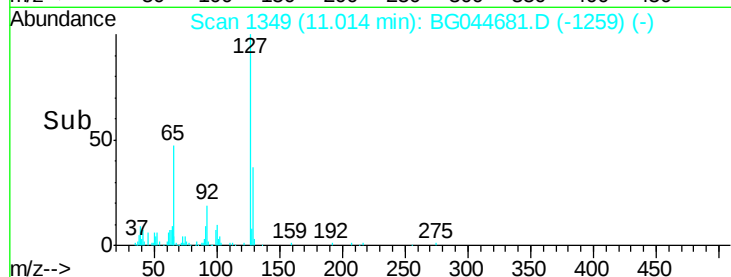
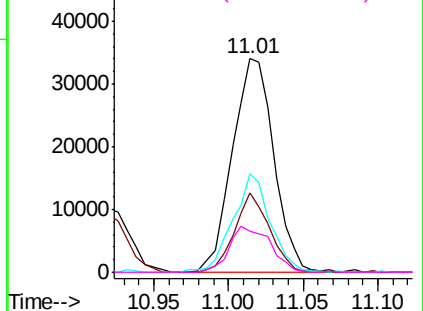
#33
4-Chloroaniline
Concen: 11.901 ng
RT: 11.01 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	65660	
Ion Ratio	Lower	Upper	
127 100			
129 37.3	25.0	37.4	
65 46.2	32.7	49.1	
92 19.2	17.3	25.9	

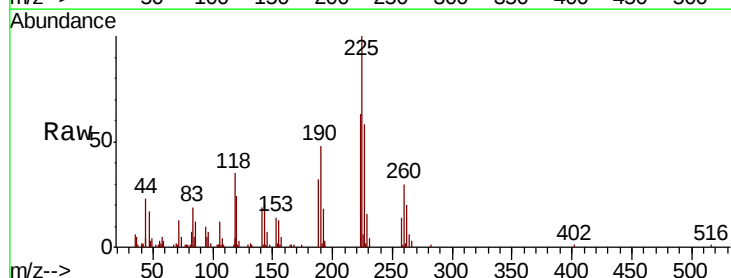


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

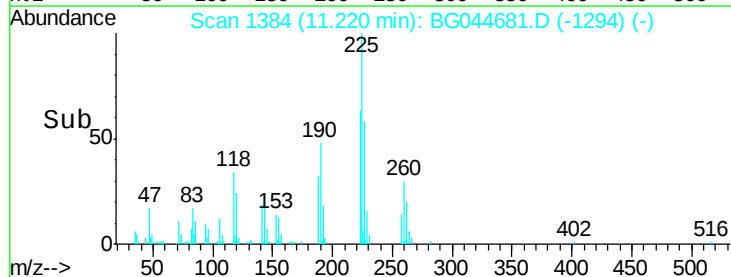
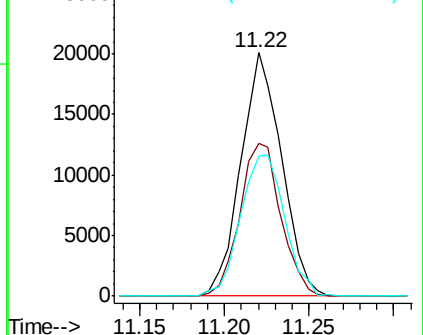


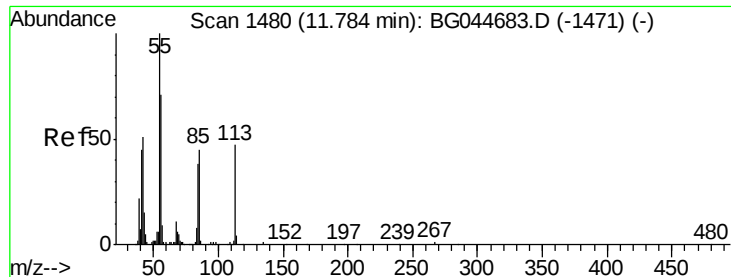
#34
Hexachlorobutadiene
Concen: 11.808 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

Tgt Ion	225	Resp:	33706
	Ratio	Lower	Upper
225	100		
223	62.7	52.4	78.6
227	57.7	48.7	73.1



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

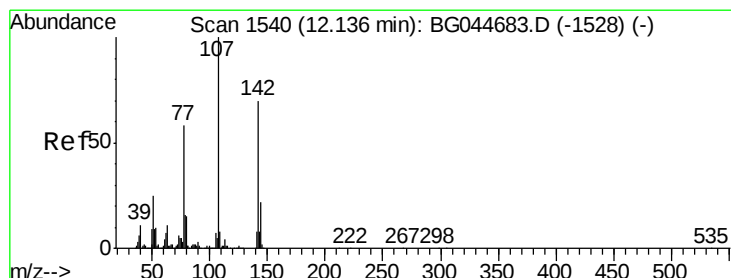
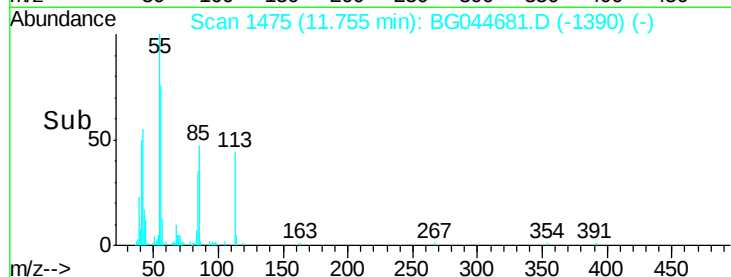
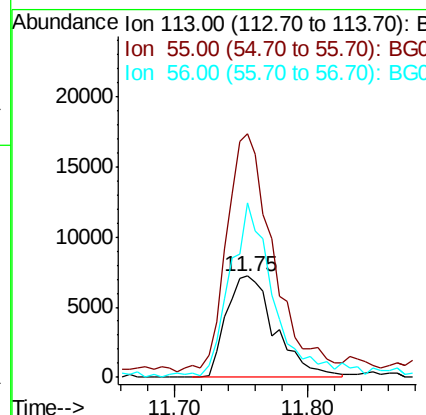
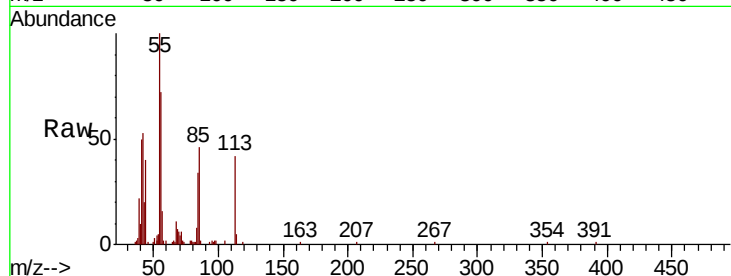




#35
 Caprolactam
 Concen: 13.154 ng
 RT: 11.75 min Scan# 1475
 Delta R.T. -0.03 min
 Lab File: BG044681.D
 Acq: 5 Mar 2020 12:46

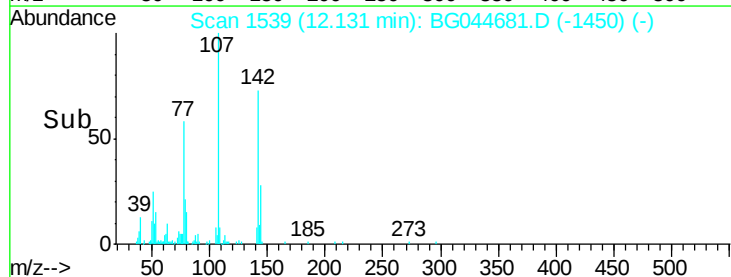
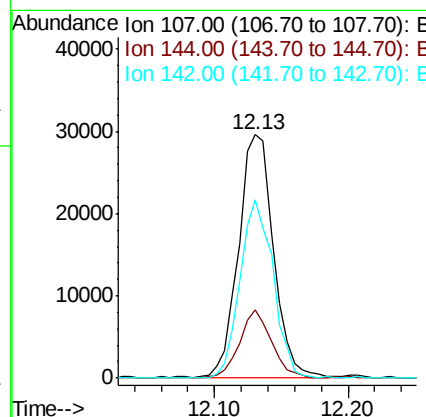
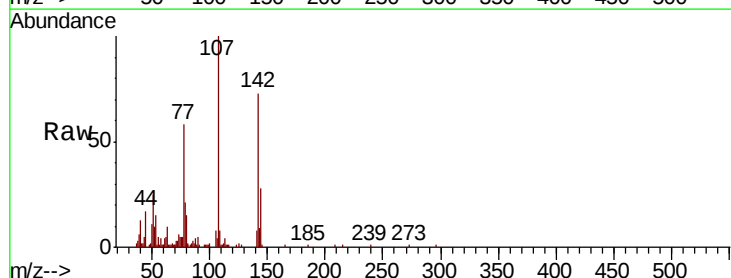
Instrument :
 BNA_G
 ClientSampleId :

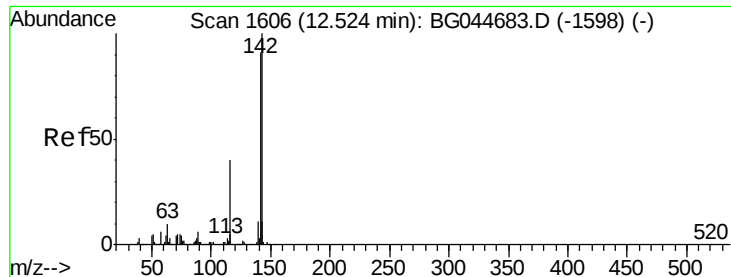
Tot Ion:113 Resp: 18507
 Ion Ratio Lower Upper
 113 100
 55 240.0 194.3 234.3#
 56 172.0 131.4 171.4#



#36
 4-Chloro-3-methylphenol
 Concen: 13.345 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BG044681.D
 Acq: 5 Mar 2020 12:46

Tgt Ion:107 Resp: 53987
 Ion Ratio Lower Upper
 107 100
 144 27.8 17.9 26.9#
 142 73.2 55.8 83.8

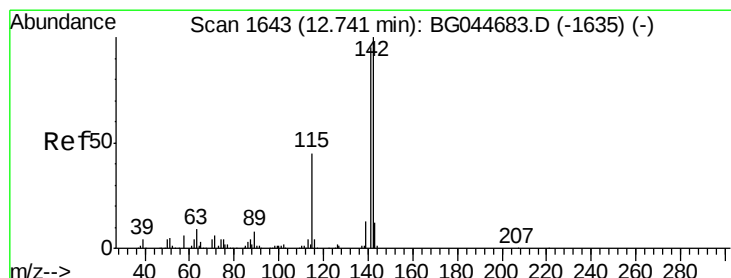
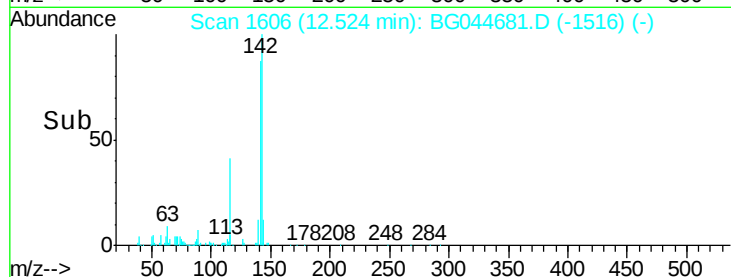
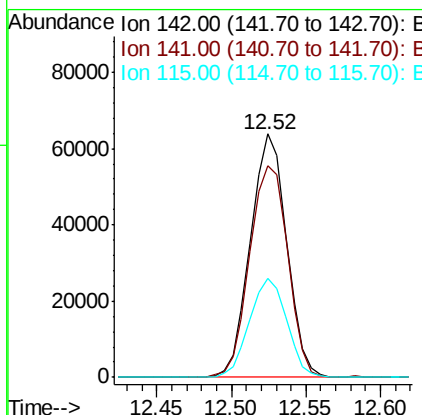
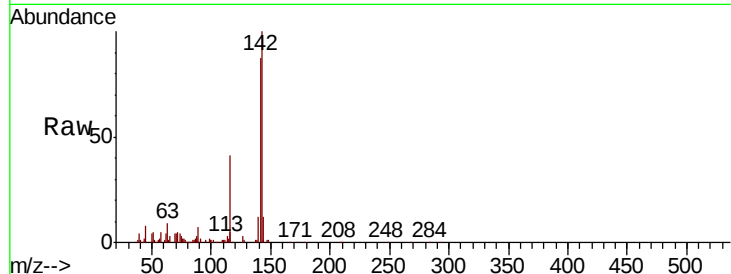




#37
 2-Methylnaphthalene
 Concen: 11.554 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BG044681.D
 Acq: 5 Mar 2020 12:46

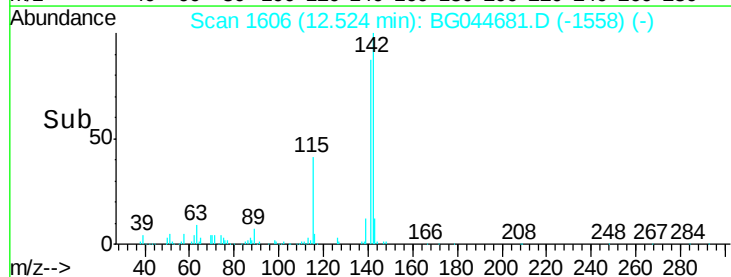
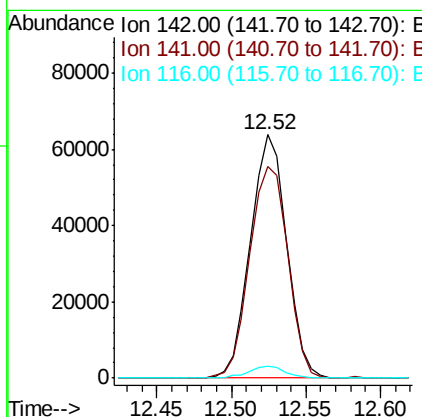
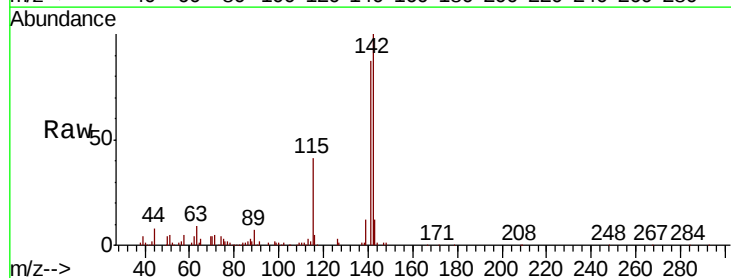
Instrument :
 BNA_G
 ClientSampleId :

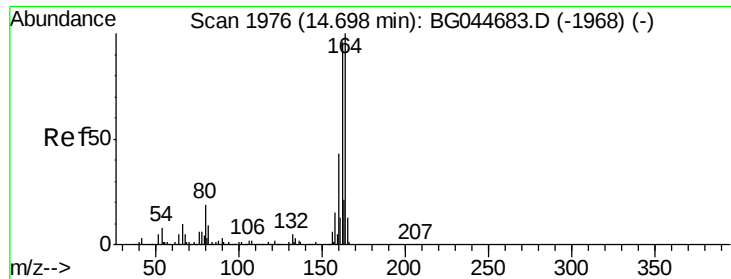
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.9	72.9	109.3
115	40.9	32.3	48.5



#38
 1-Methylnaphthalene
 Concen: 12.160 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.22 min
 Lab File: BG044681.D
 Acq: 5 Mar 2020 12:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.9	76.2	114.2
116	4.7	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

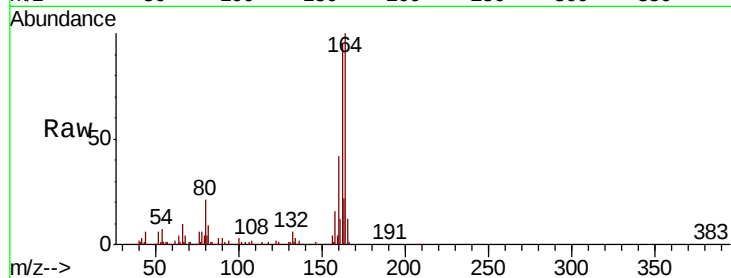
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 168724

Ion	Ratio	Lower	Upper
164	100		
162	94.9	76.5	114.7
160	42.2	34.8	52.2

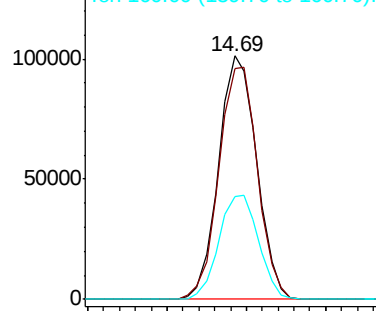


Abundance

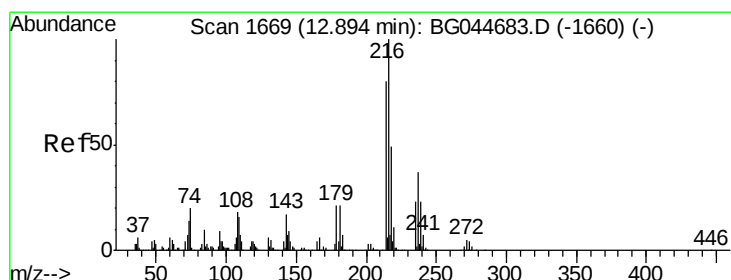
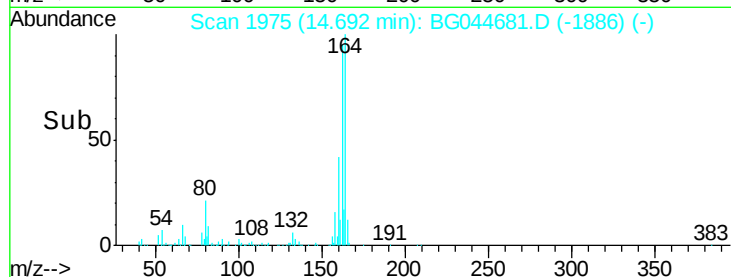
Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 14.60 14.65 14.70 14.75



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.022 ng

RT: 12.89 min Scan# 1669

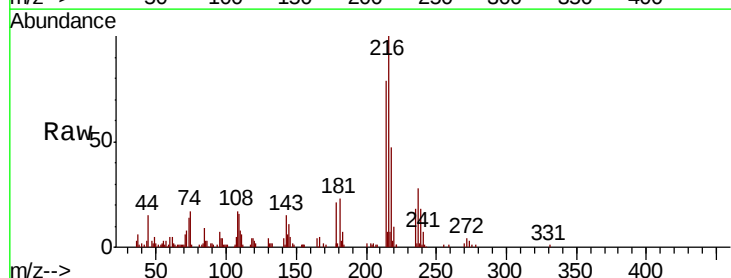
Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Tgt Ion:216 Resp: 56929

Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.5	96.7
179	21.1	16.7	25.1
108	19.1	15.8	23.6



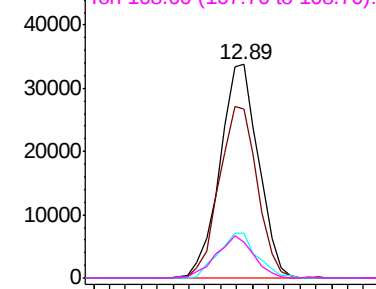
Abundance

Ion 216.00 (215.70 to 216.70): E

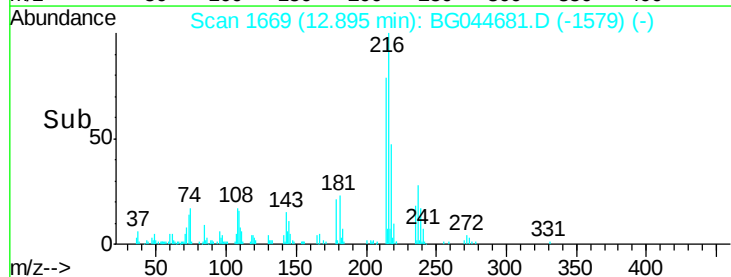
Ion 214.00 (213.70 to 214.70): E

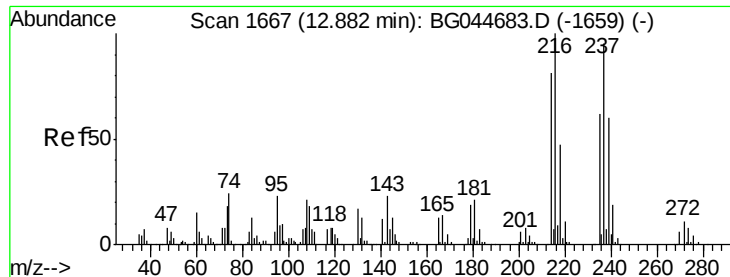
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 12.80 12.85 12.90 12.95





#41

Hexachlorocyclopentadiene

Concen: 13.702 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Instrument :

BNA_G

ClientSampled :

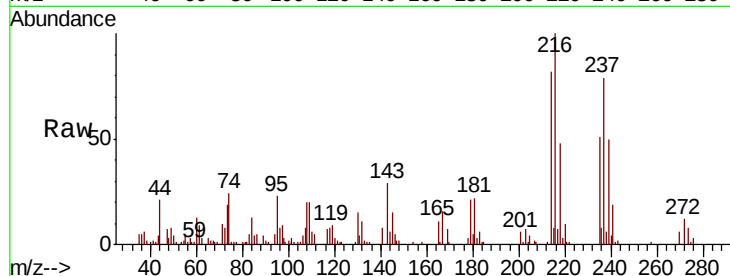
Tot Ion:237 Resp: 30702

Ion Ratio Lower Upper

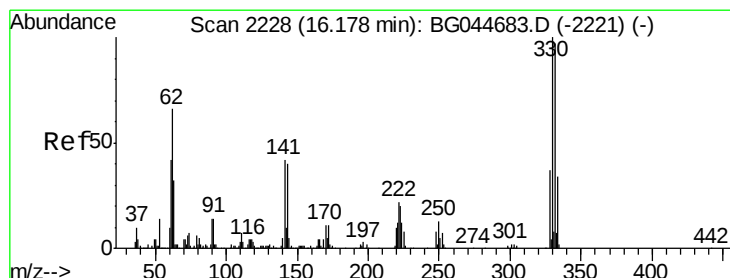
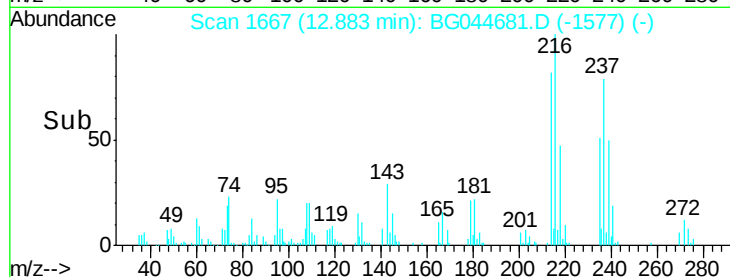
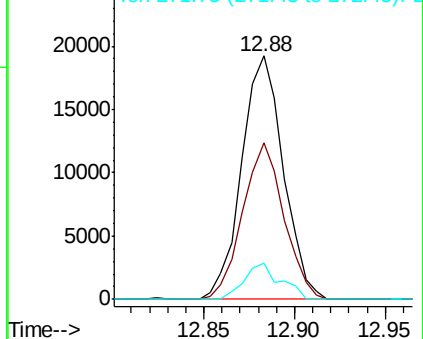
237 100

235 64.1 44.7 84.7

272 14.9 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: 18.433 ng

RT: 16.18 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

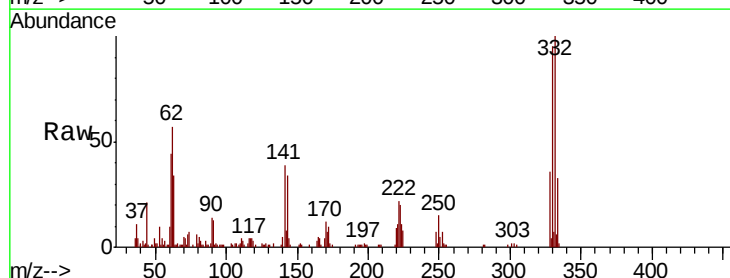
Tgt Ion:330 Resp: 44098

Ion Ratio Lower Upper

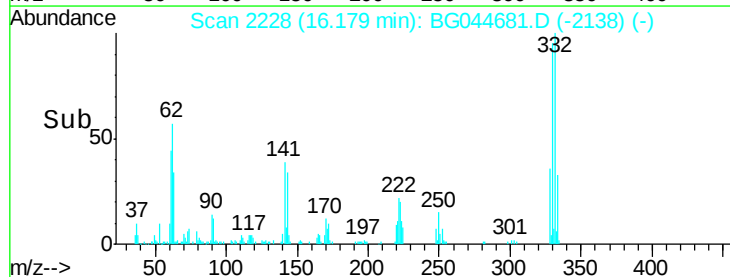
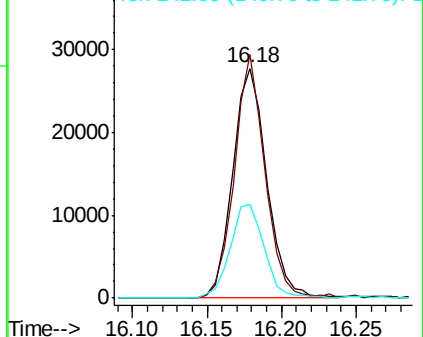
330 100

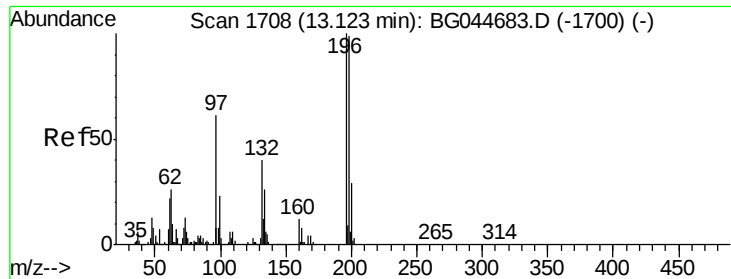
332 95.2 77.0 115.6

141 41.3 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

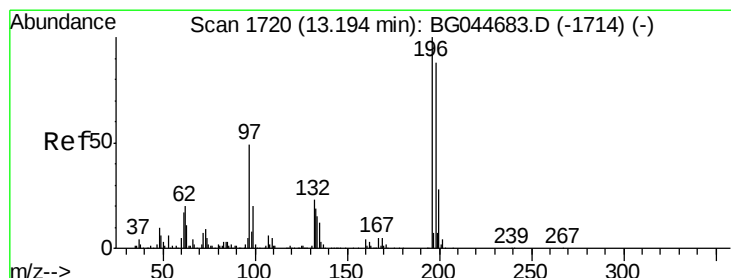
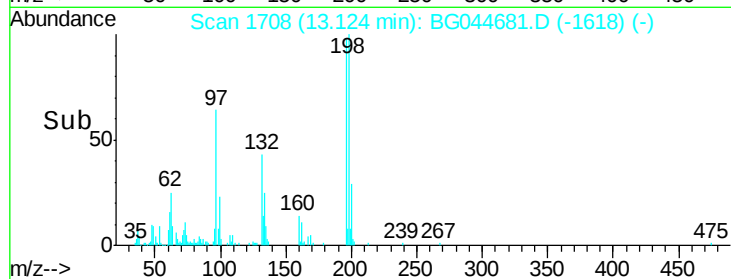
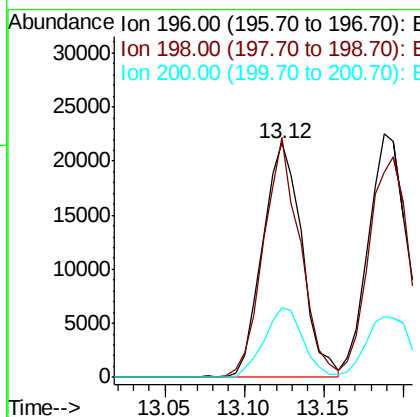
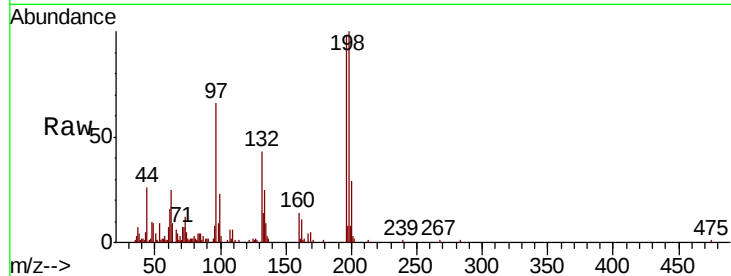




#43
 2,4,6-Trichlorophenol
 Concen: 10.143 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG044681.D
 Acq: 5 Mar 2020 12:46

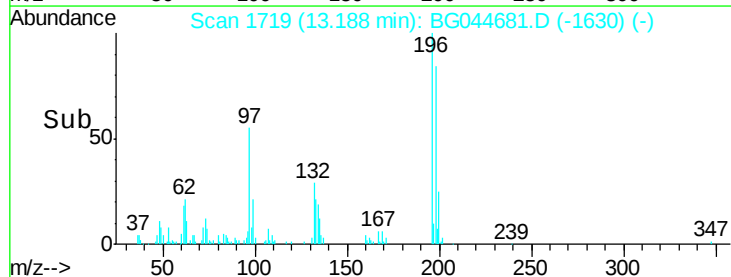
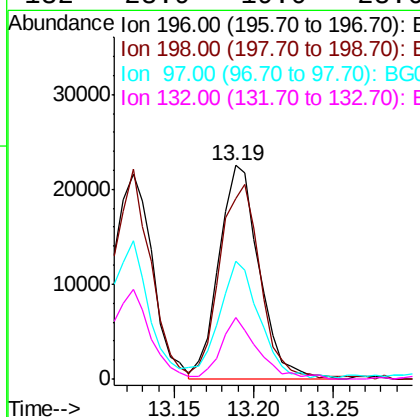
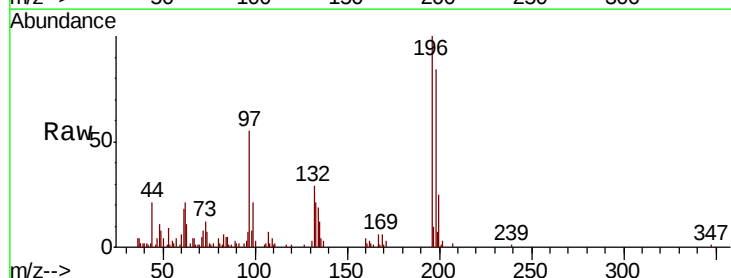
Instrument :
 BNA_G
 ClientSampleId :

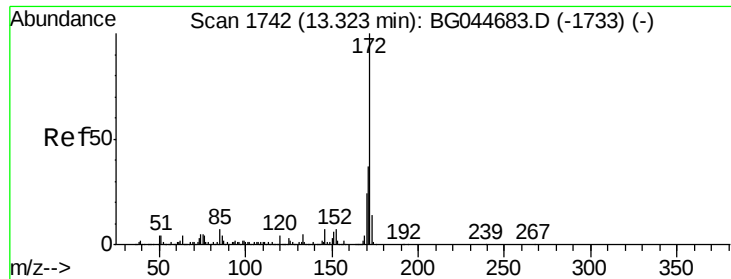
Tot Ion:196 Resp: 37408
 Ion Ratio Lower Upper
 196 100
 198 102.3 79.3 118.9
 200 29.5 23.0 34.6



#44
 2,4,5-Trichlorophenol
 Concen: 10.505 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG044681.D
 Acq: 5 Mar 2020 12:46

Tgt Ion:196 Resp: 39798
 Ion Ratio Lower Upper
 196 100
 198 84.4 70.7 106.1
 97 55.1 39.4 59.2
 132 28.9 19.0 28.6#

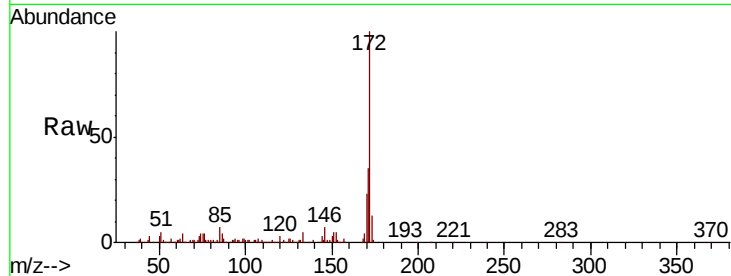




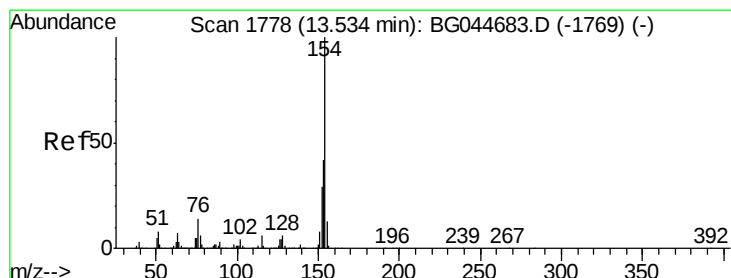
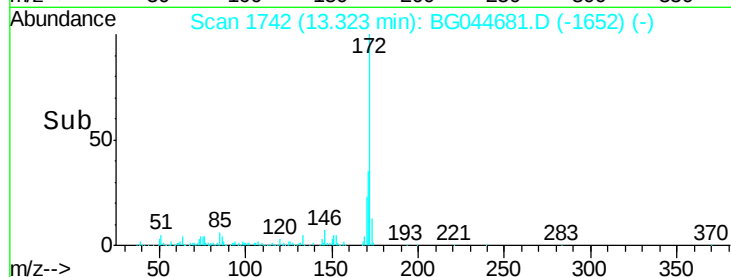
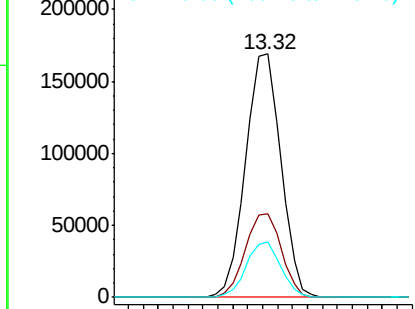
#45
2-Fluorobiphenyl
Concen: 23.405 ng
RT: 13.32 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.8	44.8
170	22.9	19.3	28.9

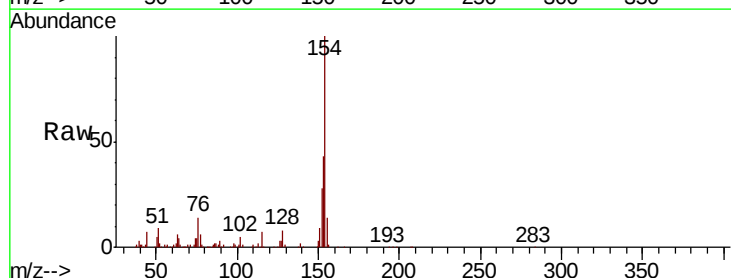


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

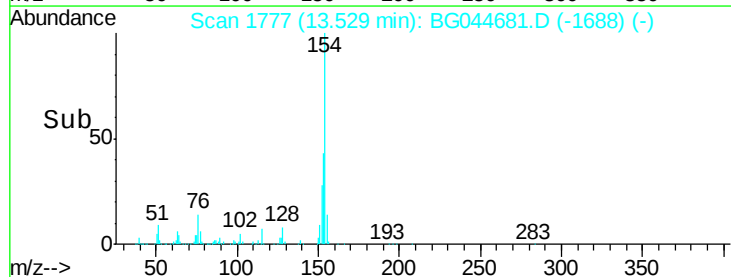
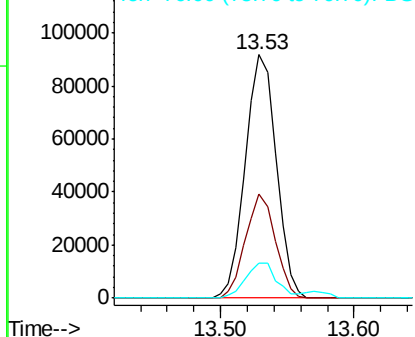


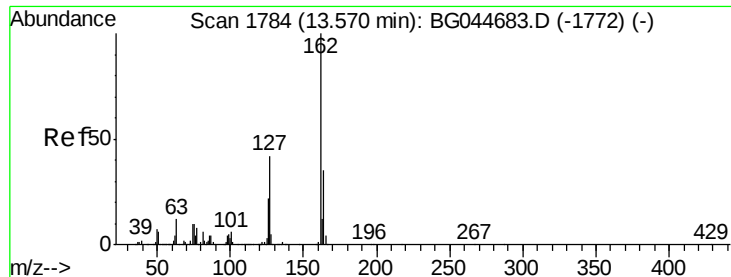
#46
1,1'-Biphenyl
Concen: 10.511 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.1	62.1
76	14.5	0.0	34.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

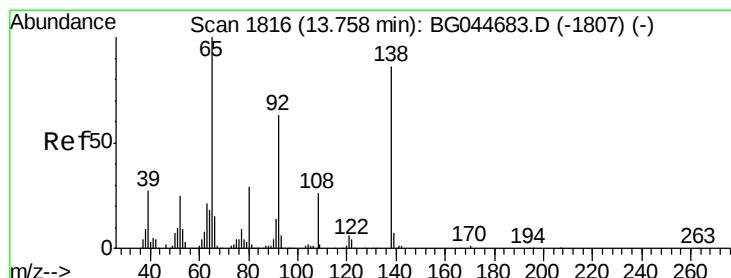
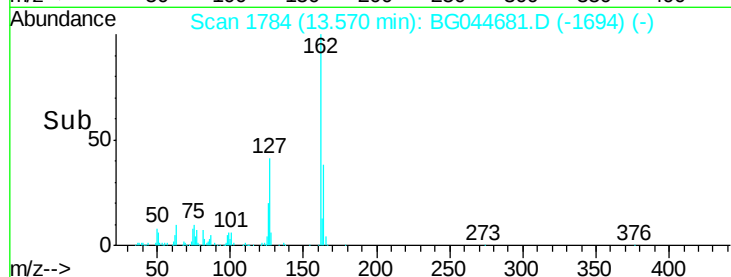
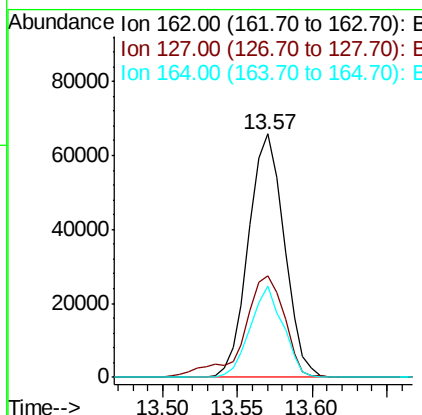
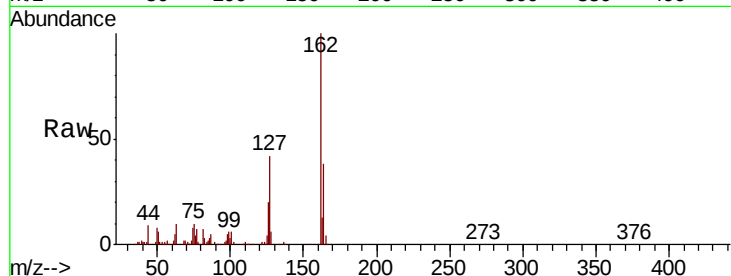




#47
 2-Chloronaphthalene
 Concen: 9.981 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BG044681.D
 Acq: 5 Mar 2020 12:46

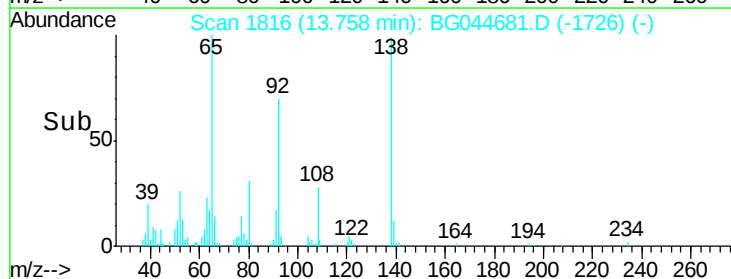
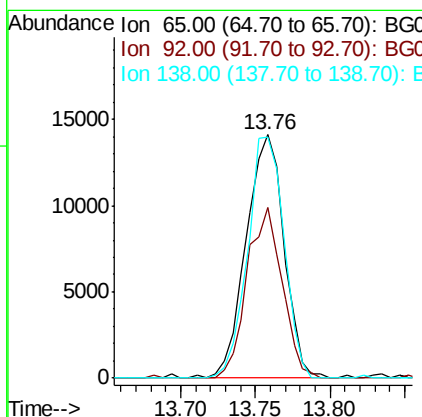
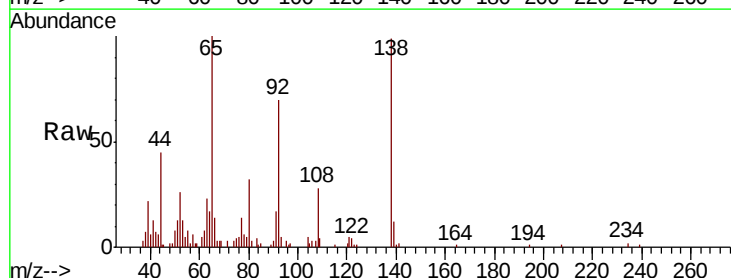
Instrument :
 BNA_G
 ClientSampleId :

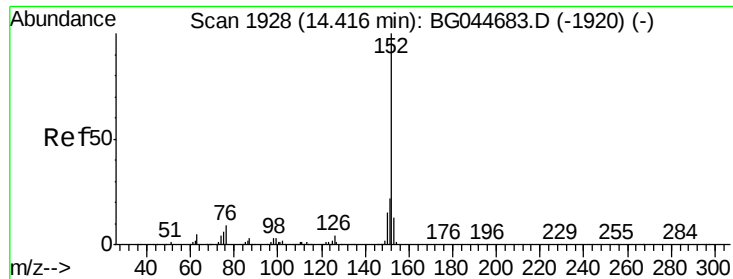
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.9	50.9
164	37.6	28.3	42.5



#48
 2-Nitroaniline
 Concen: 8.122 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BG044681.D
 Acq: 5 Mar 2020 12:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	50.6	75.8
138	99.1	68.8	103.2





#49

Acenaphthylene

Concen: 10.937 ng

RT: 14.42 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Instrument :

BNA_G

ClientSampleId :

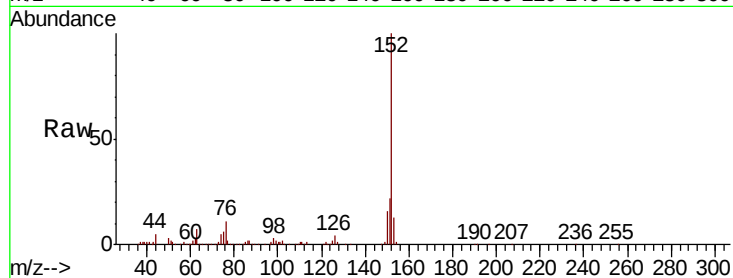
Tot Ion:152 Resp: 176764

Ion Ratio Lower Upper

152 100

151 21.6 17.6 26.4

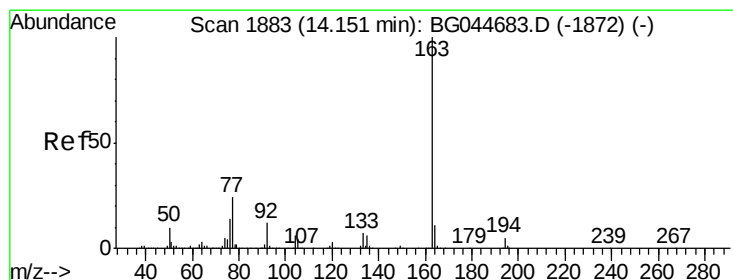
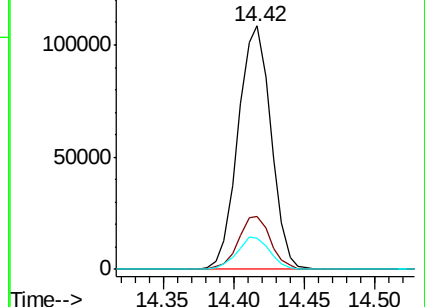
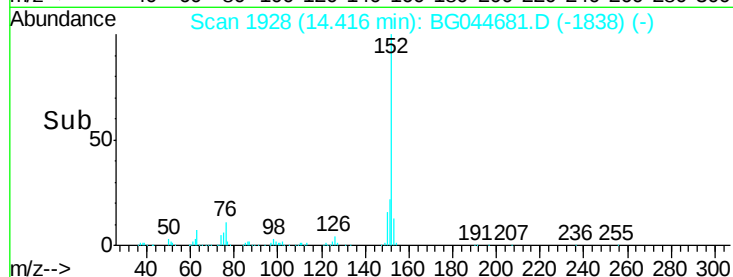
153 12.6 10.7 16.1



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: 11.429 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

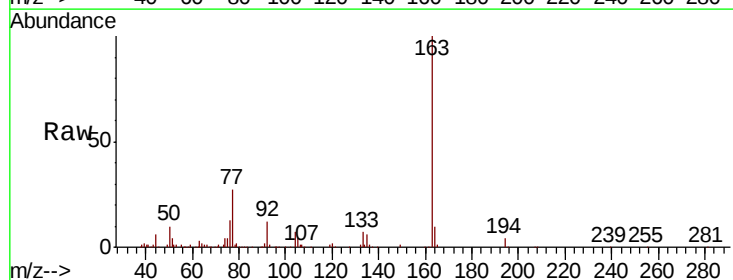
Tgt Ion:163 Resp: 155642

Ion Ratio Lower Upper

163 100

194 3.8 3.7 5.5

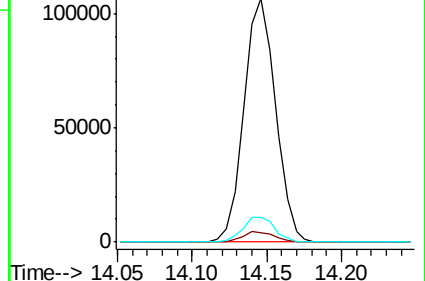
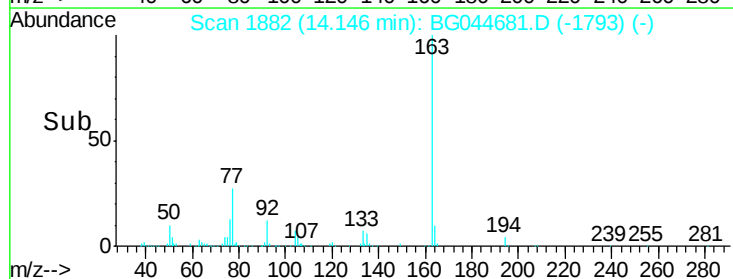
164 10.4 8.6 12.8

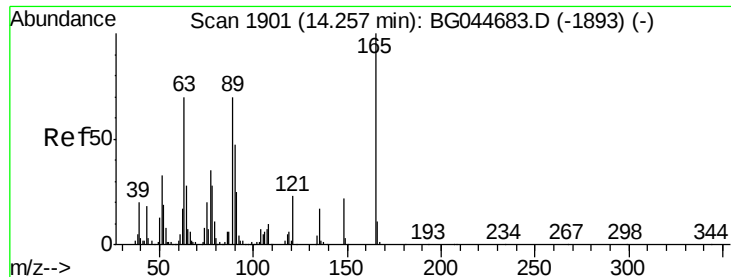


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 6.654 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Instrument :

BNA_G

ClientSampleId :

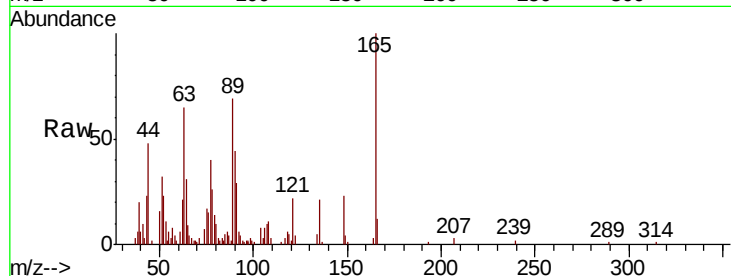
Tot Ion:165 Resp: 19984

Ion Ratio Lower Upper

165 100

63 65.0 57.4 86.0

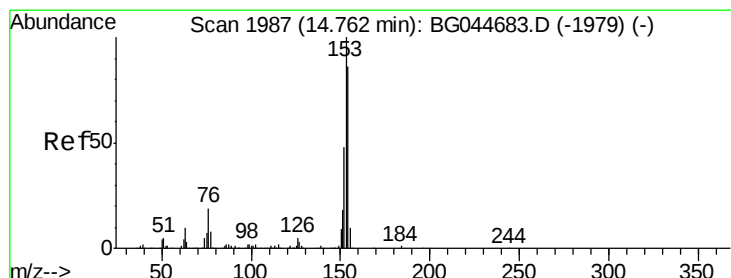
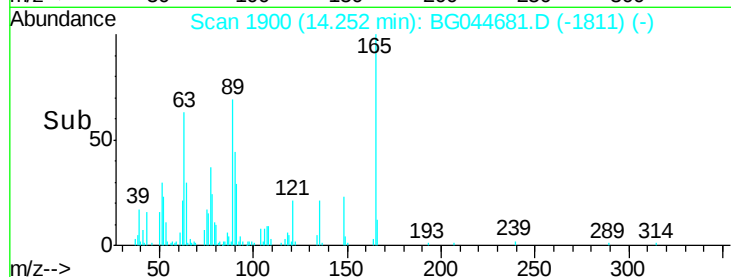
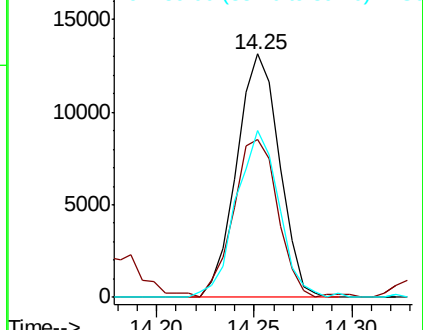
89 68.7 56.2 84.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 10.611 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

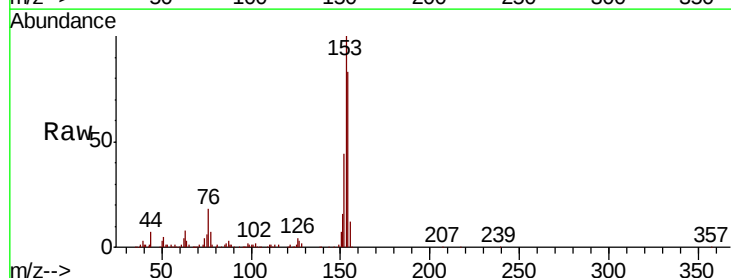
Tgt Ion:154 Resp: 109320

Ion Ratio Lower Upper

154 100

153 120.5 92.6 138.8

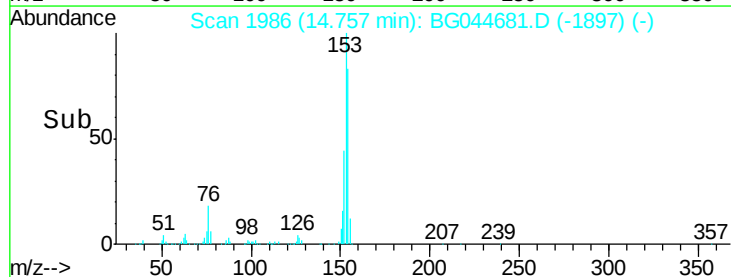
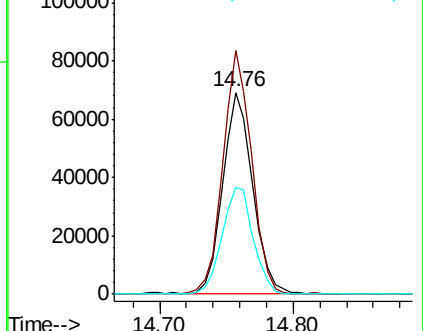
152 52.6 44.2 66.4

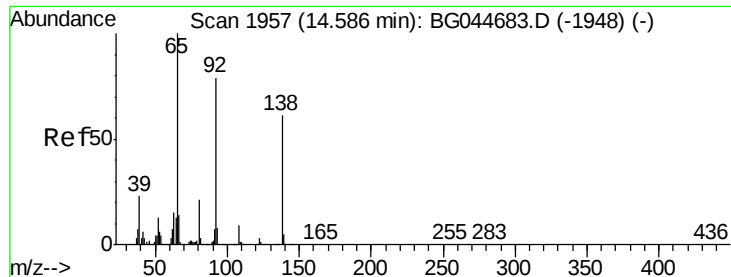


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

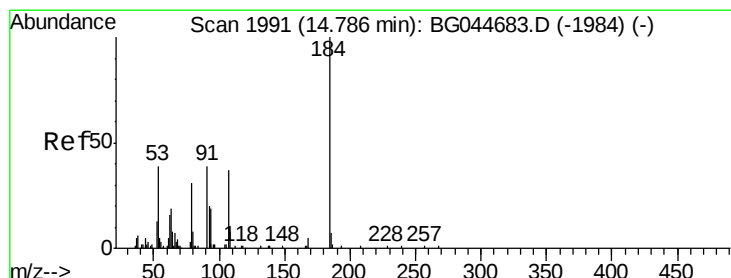
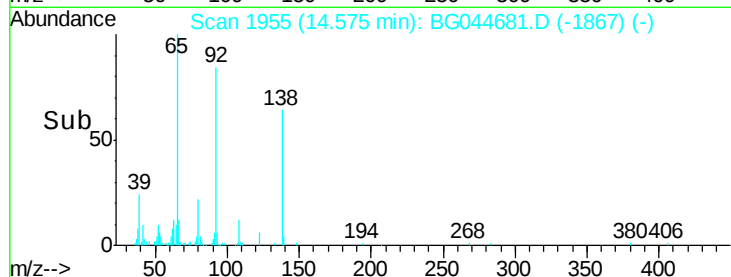
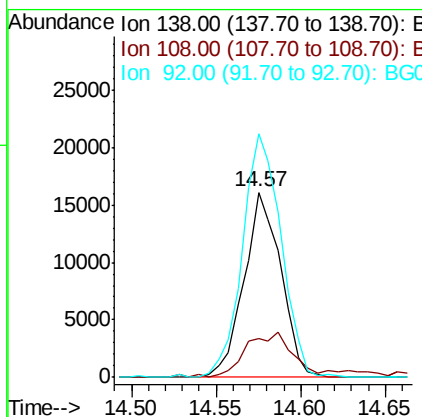
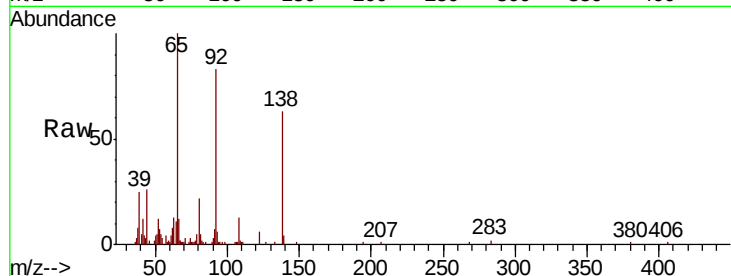




#53
3-Nitroaniline
Concen: 7.530 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

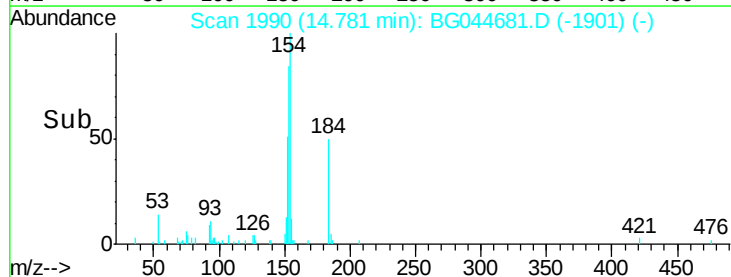
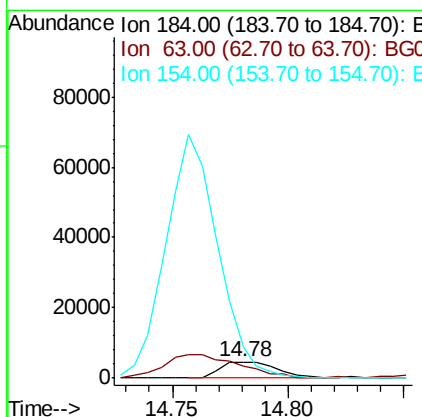
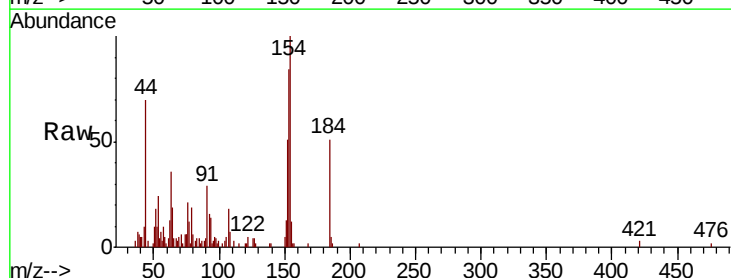
Instrument :
BNA_G
ClientSampled :

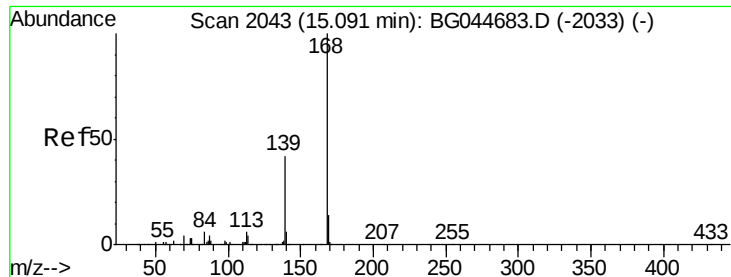
Tot Ion:138 Resp: 24390
Ion Ratio Lower Upper
138 100
108 21.2 12.2 18.4#
92 131.6 105.1 157.7



#54
2,4-Dinitrophenol
Concen: 5.620 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

Tgt Ion:184 Resp: 8111
Ion Ratio Lower Upper
184 100
63 70.1 42.4 63.6#
154 194.5 75.0 112.4#





#55

Dibenzofuran

Concen: 11.174 ng

RT: 15.09 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Instrument :

BNA_G

ClientSampleId :

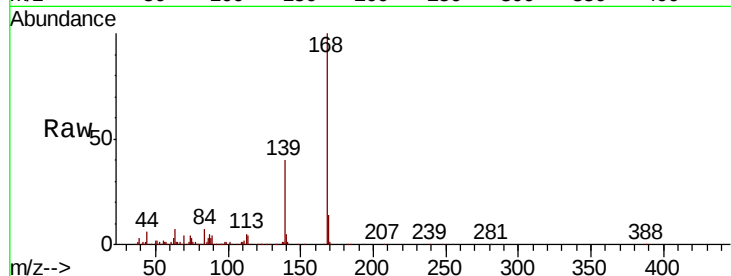
Tot Ion:168 Resp: 176480

Ion Ratio Lower Upper

168 100

139 40.4 33.8 50.6

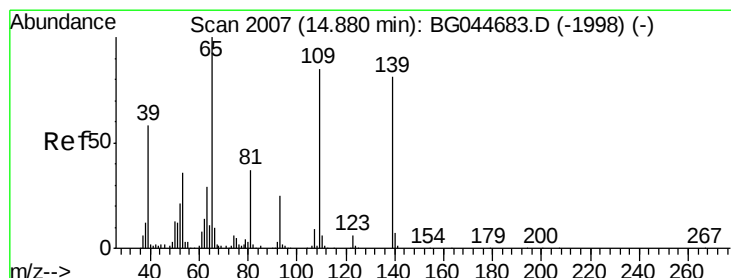
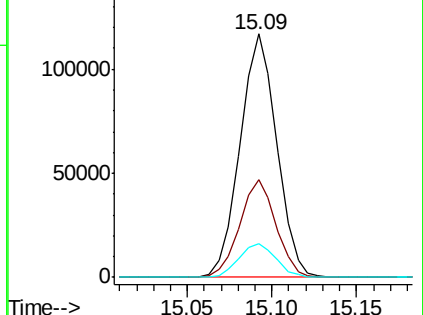
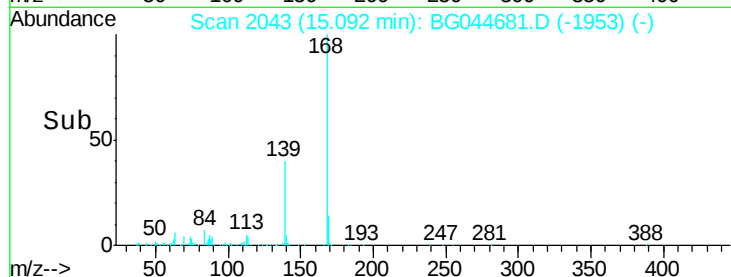
169 14.0 11.0 16.4



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: 8.633 ng

RT: 14.87 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

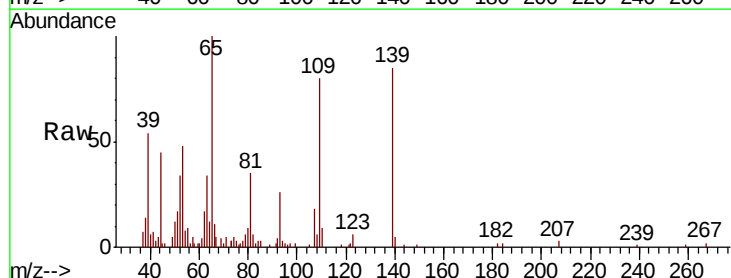
Tgt Ion:139 Resp: 19235

Ion Ratio Lower Upper

139 100

109 94.0 86.0 126.0

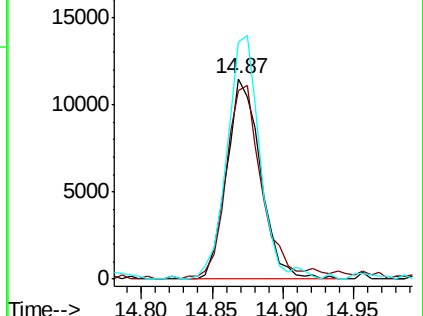
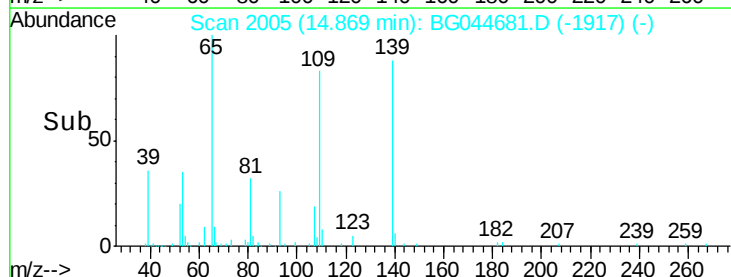
65 118.1 104.5 144.5

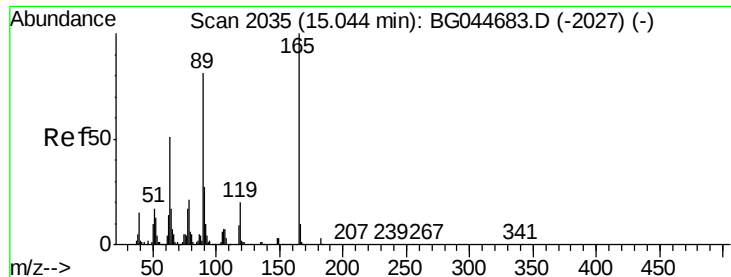


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

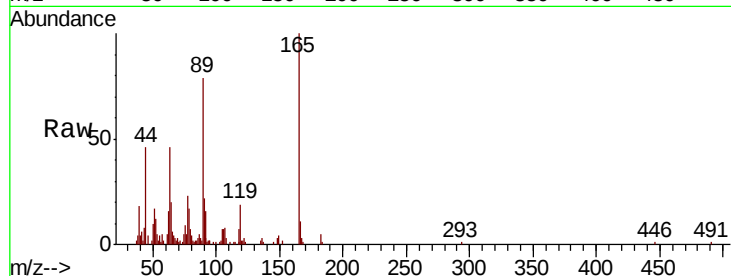




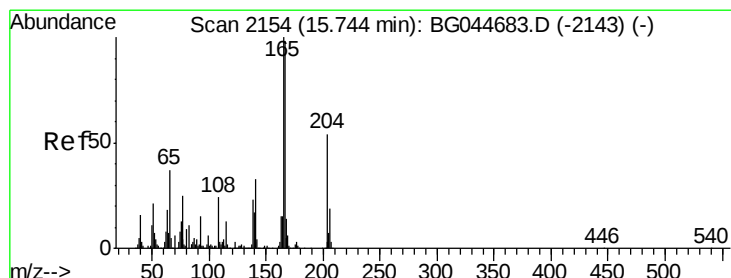
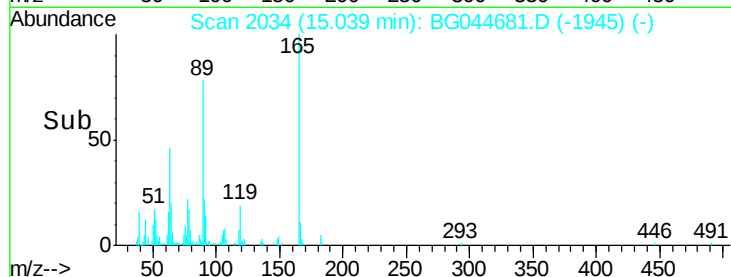
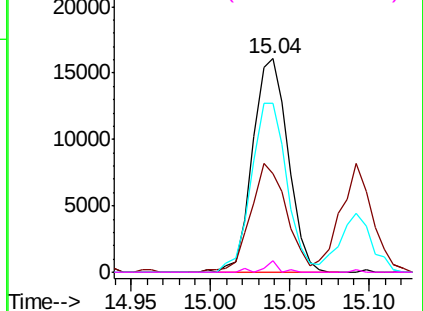
#57
 2,4-Dinitrotoluene
 Concen: 5.929 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG044681.D
 Acq: 5 Mar 2020 12:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 25034
 Ion Ratio Lower Upper
 165 100
 63 46.0 40.6 61.0
 89 79.2 65.0 97.6
 182 5.3 2.4 3.6#

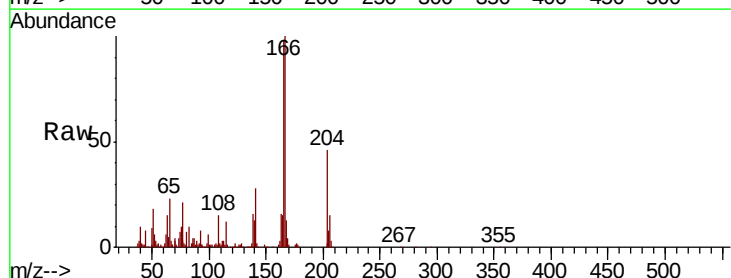


Abundance Ion 165.00 (164.70 to 165.70): E
 25000
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

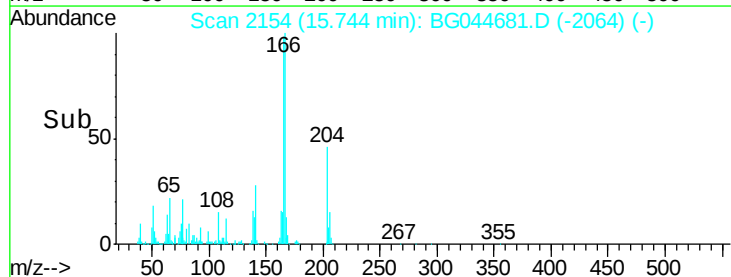
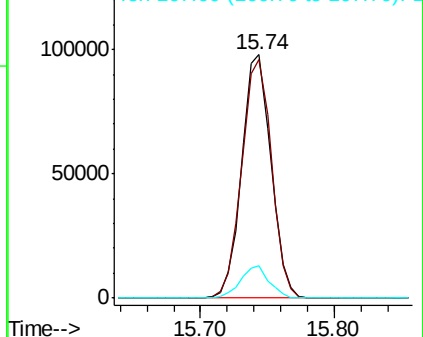


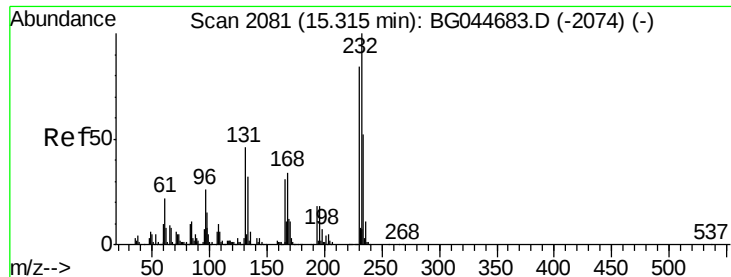
#58
 Fluorene
 Concen: 11.832 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG044681.D
 Acq: 5 Mar 2020 12:46

Tgt Ion:166 Resp: 148167
 Ion Ratio Lower Upper
 166 100
 165 98.1 81.3 121.9
 167 13.1 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E
 100000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 10.011 ng

RT: 15.23 min Scan# 2067

Delta R.T. -0.08 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 34928

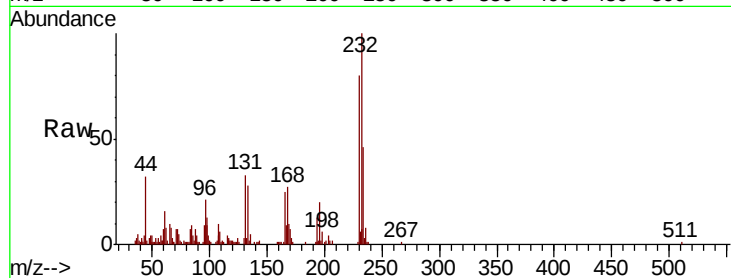
Ion Ratio Lower Upper

232 100

131 40.4 33.0 49.6

130 2.6 2.2 3.2

166 23.6 20.4 30.6

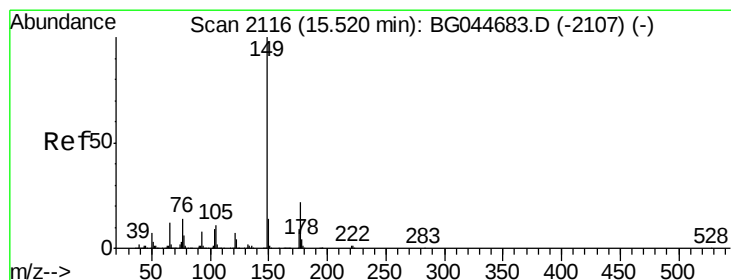
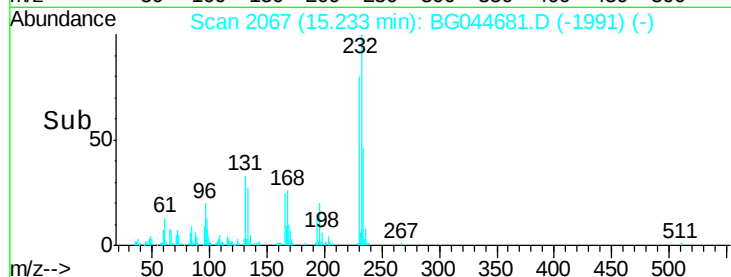
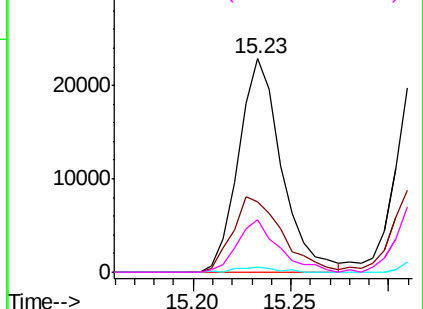


Abundance Ion 232.00 (231.70 to 232.70): E

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: 12.514 ng

RT: 15.52 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

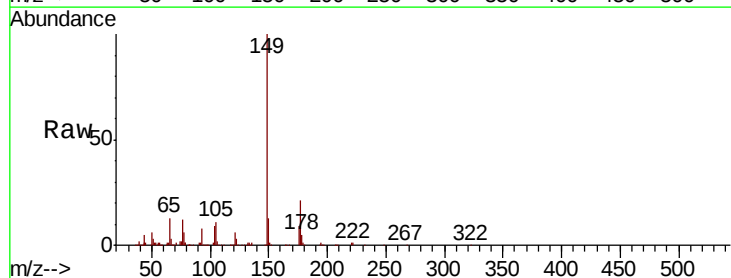
Tgt Ion:149 Resp: 168854

Ion Ratio Lower Upper

149 100

177 21.0 17.5 26.3

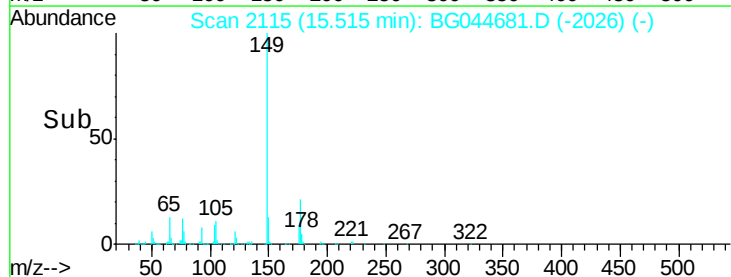
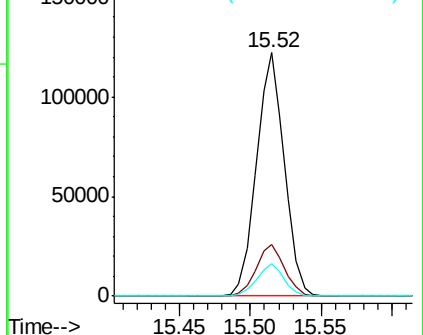
150 13.3 10.8 16.2

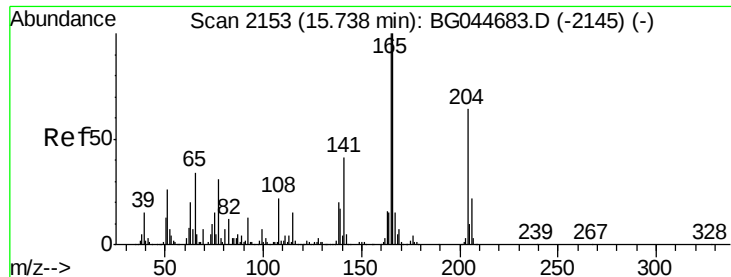


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

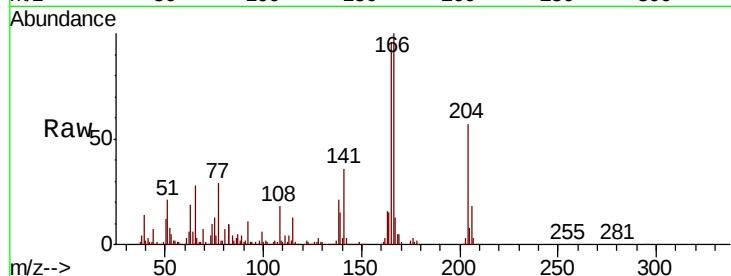




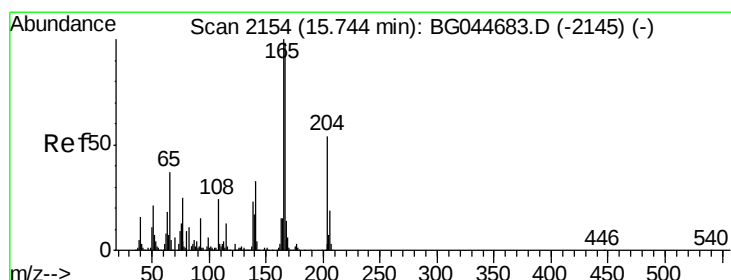
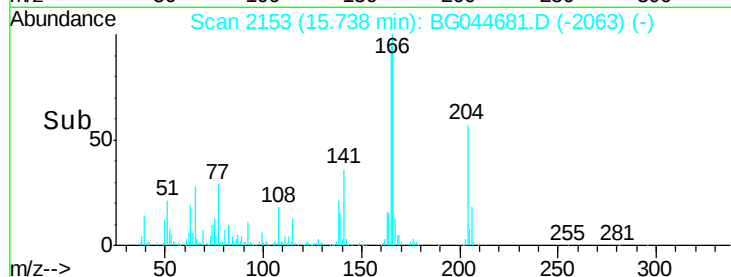
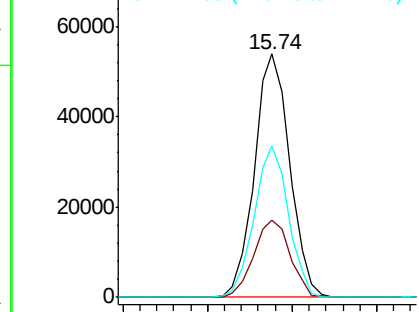
#61
4-Chlorophenyl-phenylether
Concen: 11.514 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	27.7	41.5
141	62.2	51.0	76.4

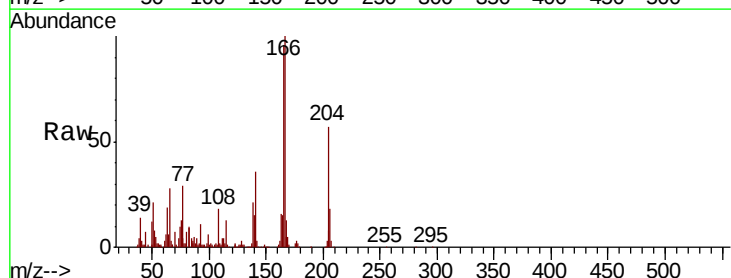


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

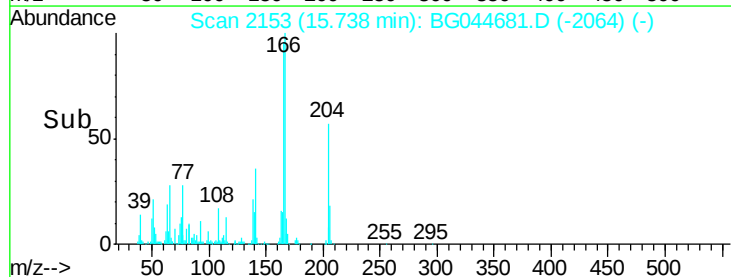
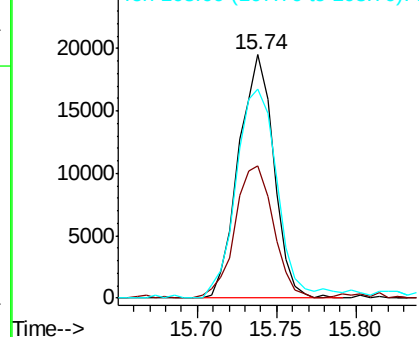


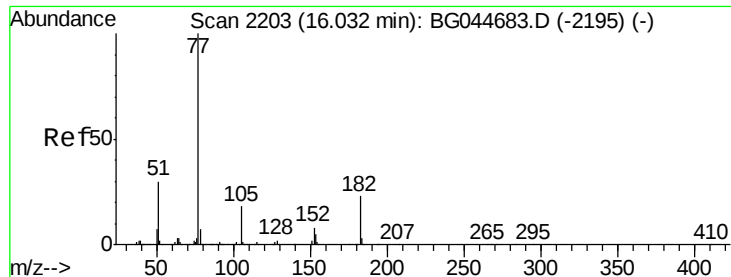
#62
4-Nitroaniline
Concen: 9.221 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.5	43.1	83.1
108	85.8	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: 15.477 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 177736

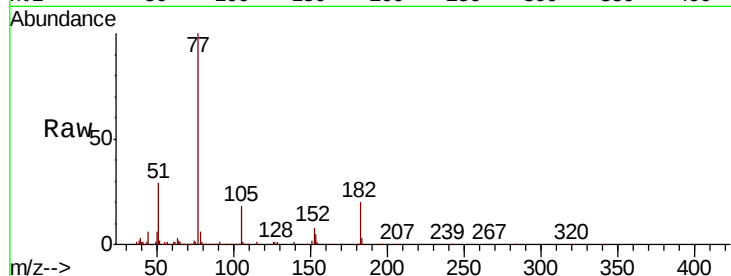
Ion Ratio Lower Upper

77 100

182 19.8 2.7 42.7

105 17.6 0.0 38.1

51 29.2 10.3 50.3

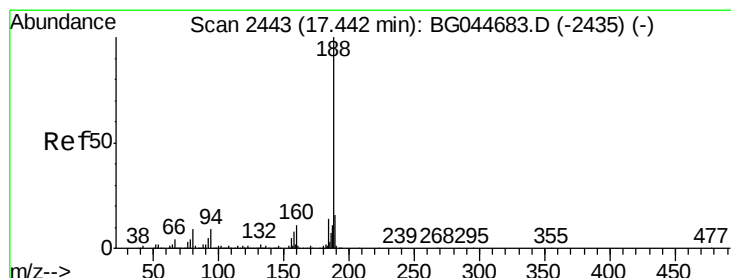
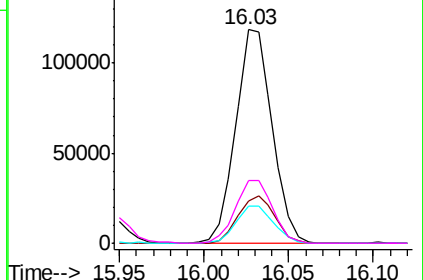
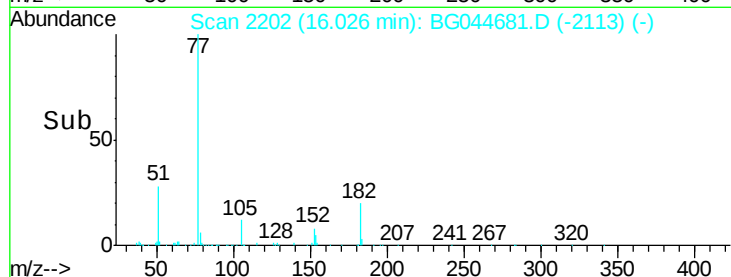


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

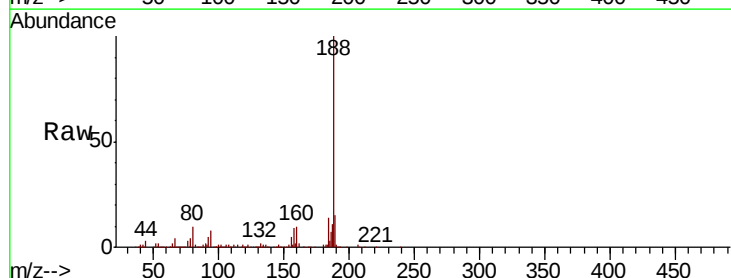
Tgt Ion: 188 Resp: 385398

Ion Ratio Lower Upper

188 100

94 7.9 7.4 11.0

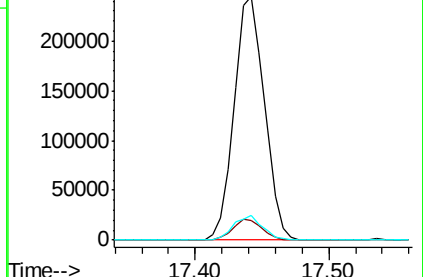
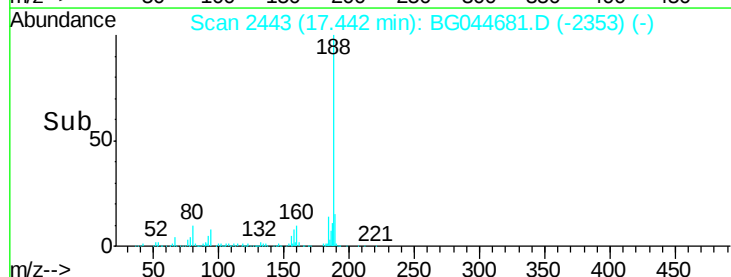
80 10.3 7.3 10.9

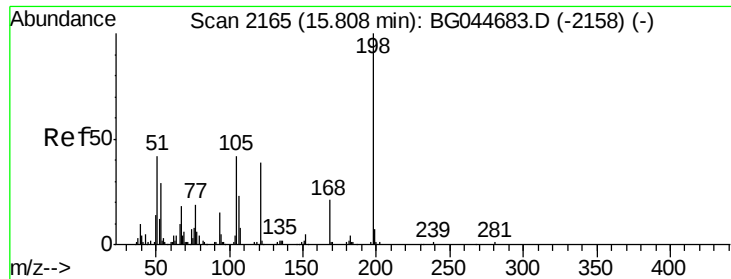


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 5.188 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

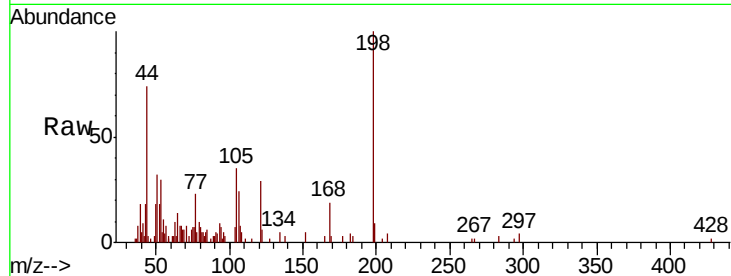
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 12380

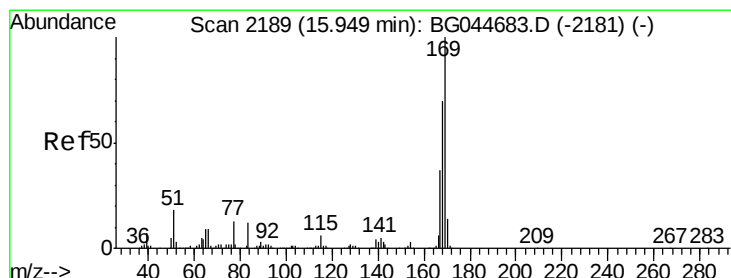
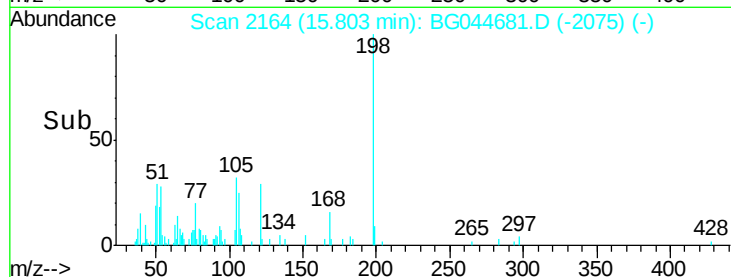
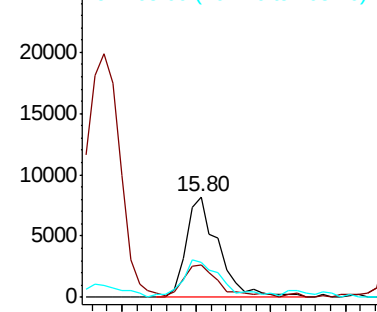
Ion	Ratio	Lower	Upper
198	100		
51	31.5	27.1	67.1
105	34.6	23.6	63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 10.861 ng

RT: 15.94 min Scan# 2188

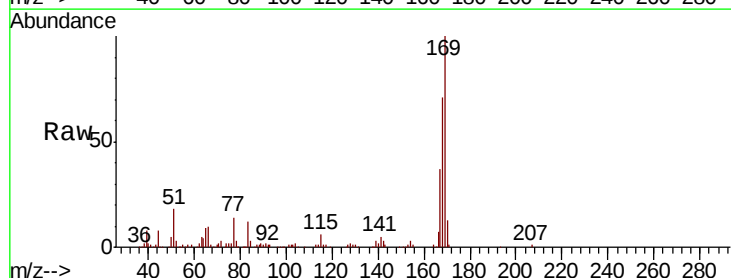
Delta R.T. -0.01 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Tgt Ion:169 Resp: 130567

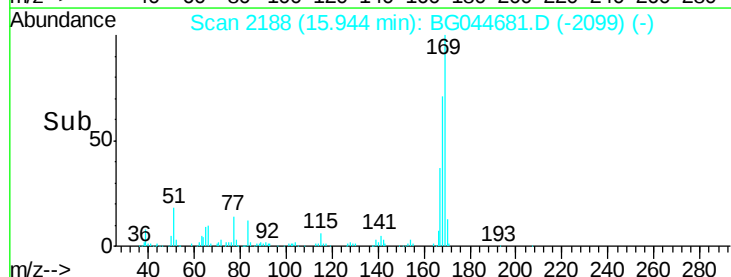
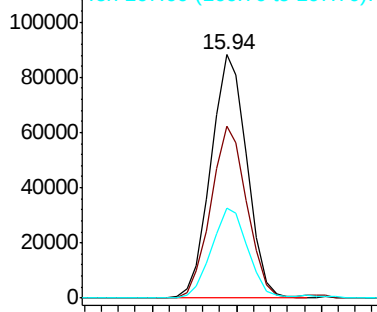
Ion	Ratio	Lower	Upper
169	100		
168	70.8	56.2	84.2
167	37.2	29.4	44.2

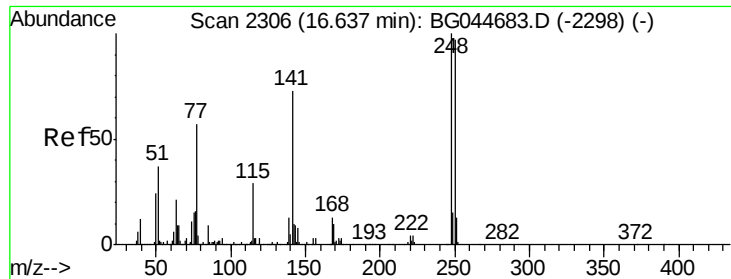


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

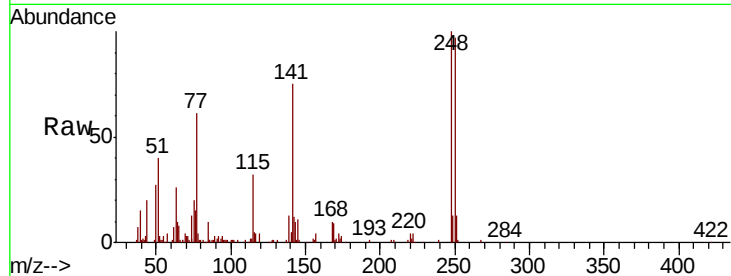




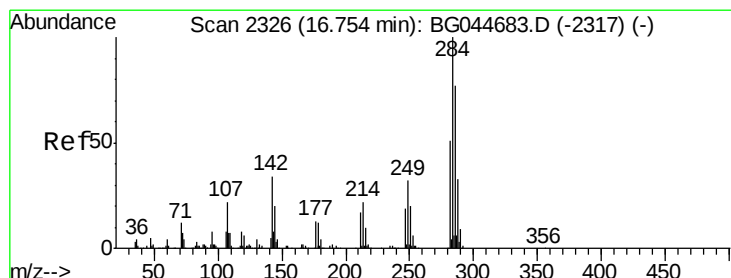
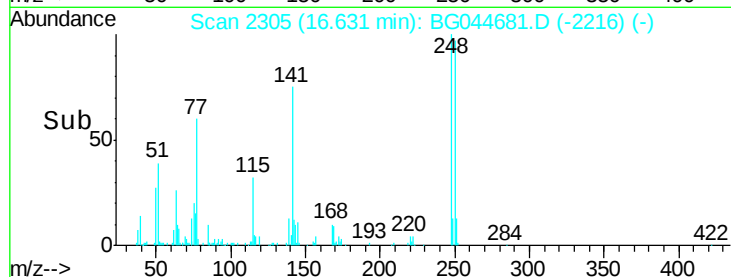
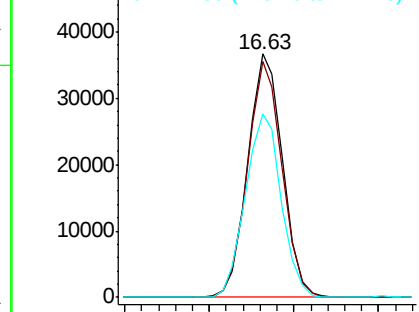
#67
4-Bromophenyl-phenylether
Concen: 10.936 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 52318
Ion Ratio Lower Upper
248 100
250 96.8 77.4 116.2
141 75.5 58.1 87.1

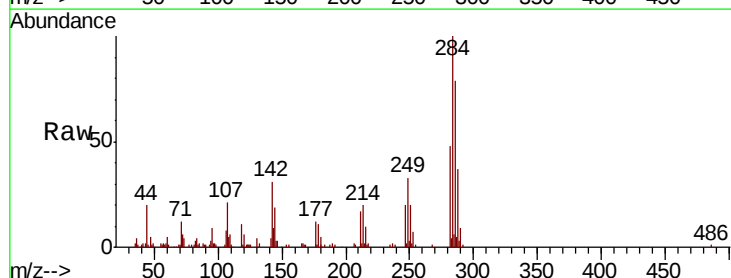


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

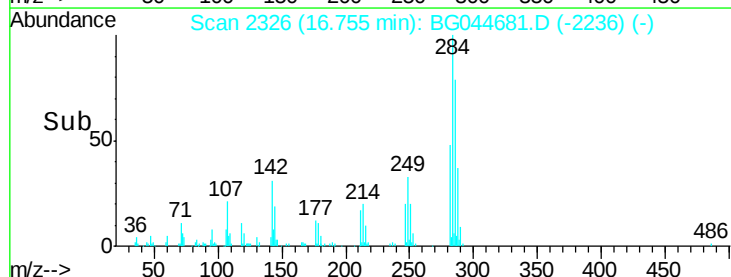
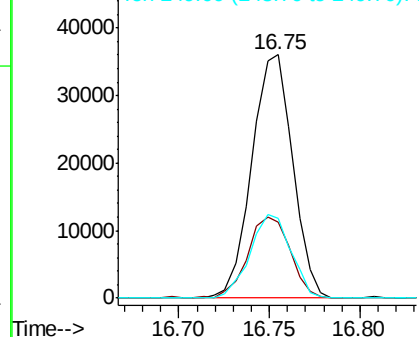


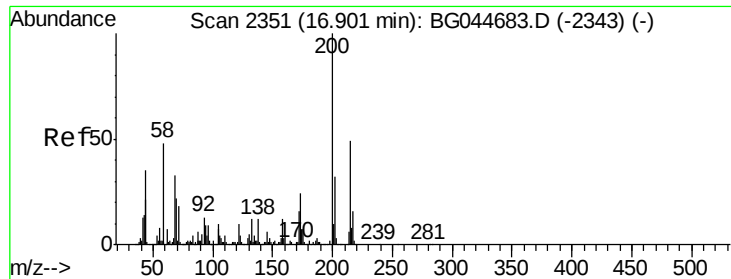
#68
Hexachlorobenzene
Concen: 10.462 ng
RT: 16.75 min Scan# 2326
Delta R.T. 0.00 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

Tgt Ion:284 Resp: 56585
Ion Ratio Lower Upper
284 100
142 31.3 27.2 40.8
249 32.8 25.7 38.5



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





#69

Atrazine

Concen: 12.261 ng

RT: 16.90 min Scan# 2350

Delta R.T. -0.01 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Instrument :

BNA_G

ClientSampleId :

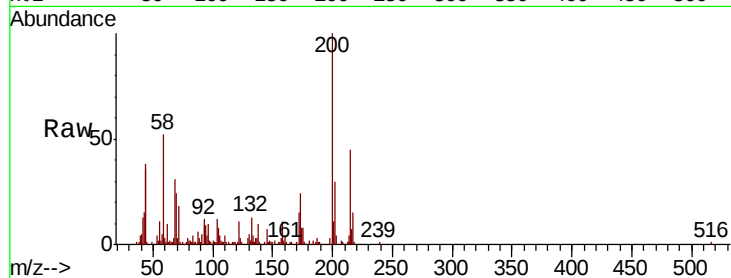
Tot Ion:200 Resp: 54493

Ion Ratio Lower Upper

200 100

173 23.5 4.0 44.0

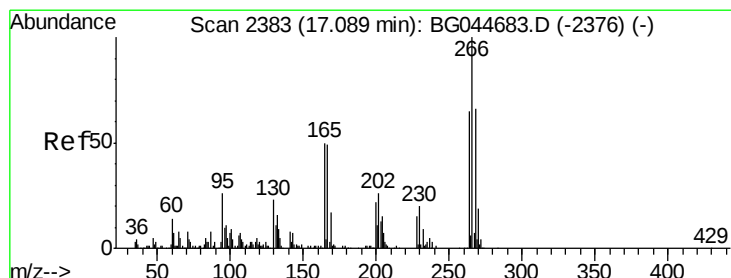
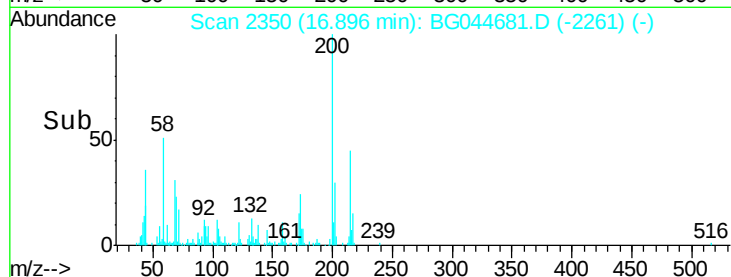
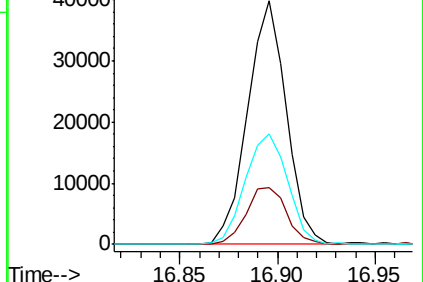
215 45.5 29.1 69.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 12.141 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

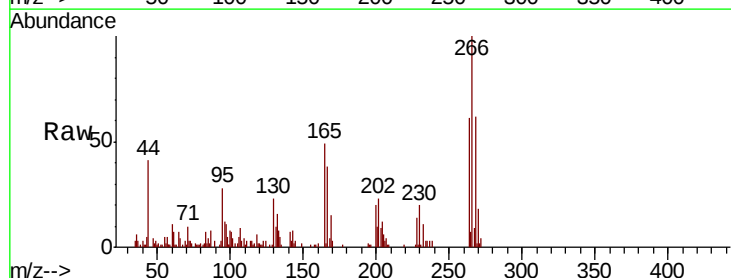
Tgt Ion:266 Resp: 27205

Ion Ratio Lower Upper

266 100

268 61.5 52.7 79.1

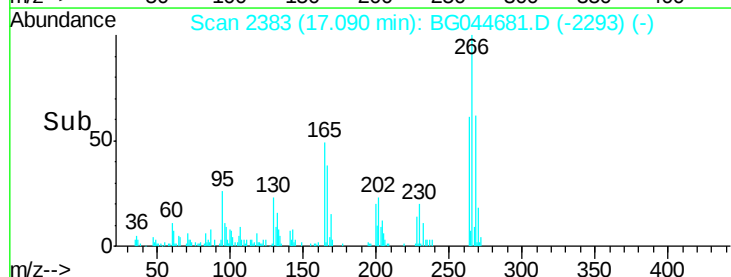
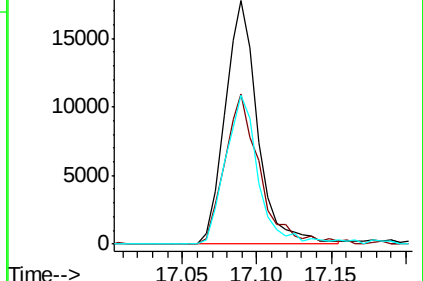
264 61.0 52.3 78.5

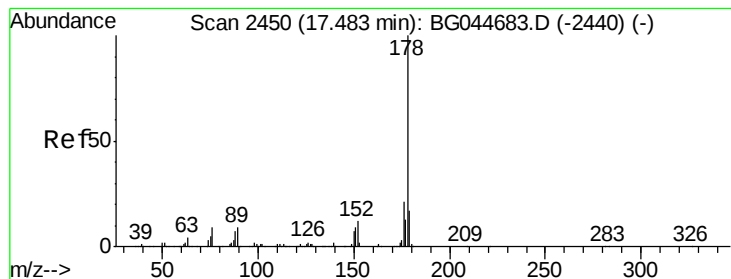


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 11.271 ng

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Instrument :

BNA_G

ClientSampleId :

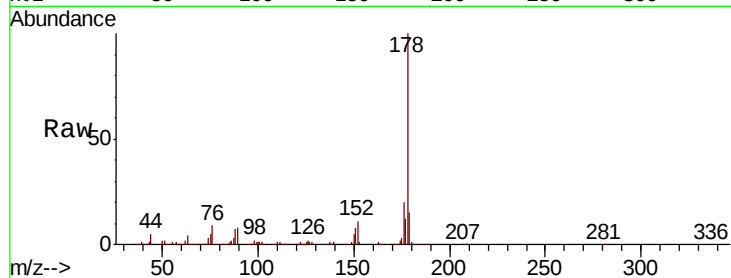
Tot Ion:178 Resp: 240491

Ion Ratio Lower Upper

178 100

176 19.6 16.5 24.7

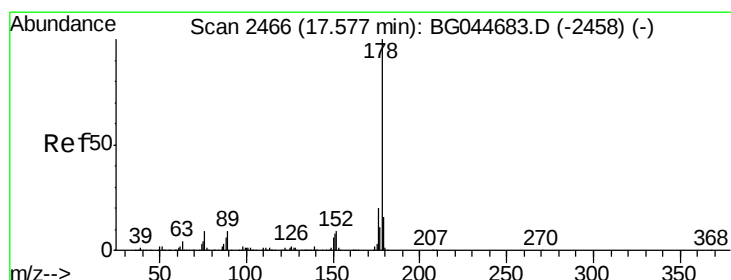
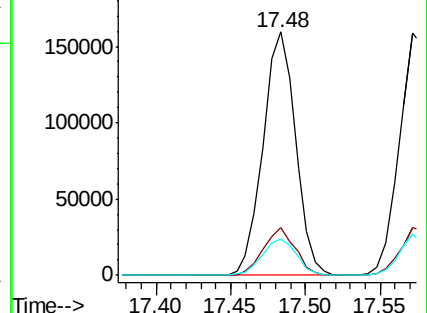
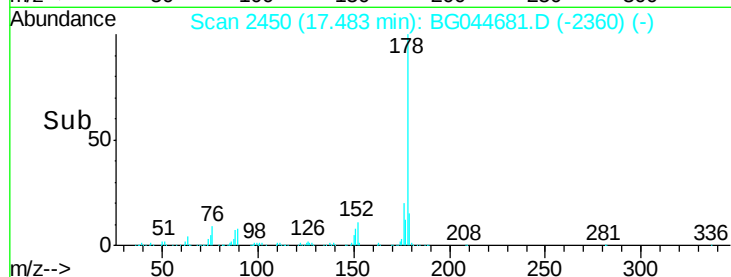
179 15.0 13.8 20.8



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: 11.334 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

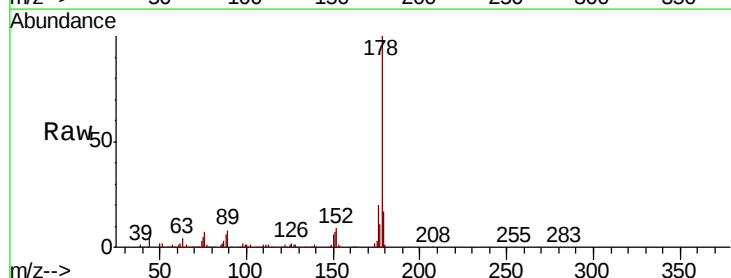
Tgt Ion:178 Resp: 238327

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

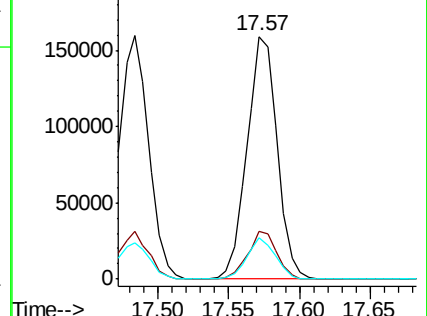
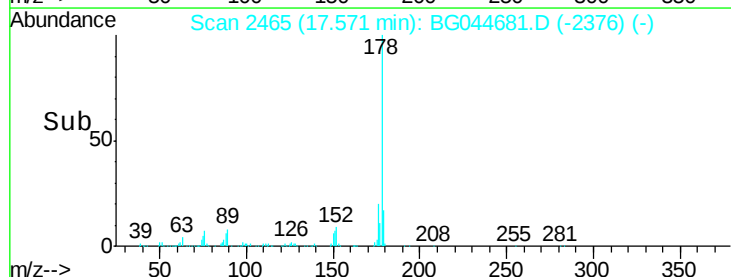
179 16.9 12.6 19.0

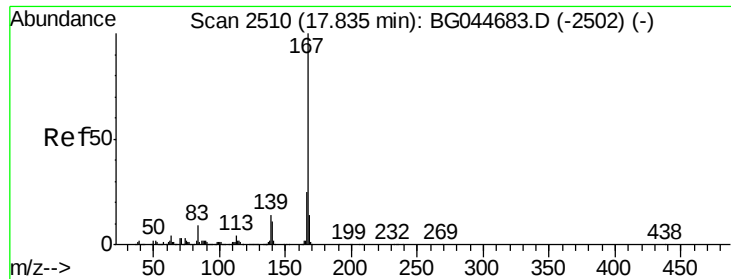


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 12.405 ng

RT: 17.84 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

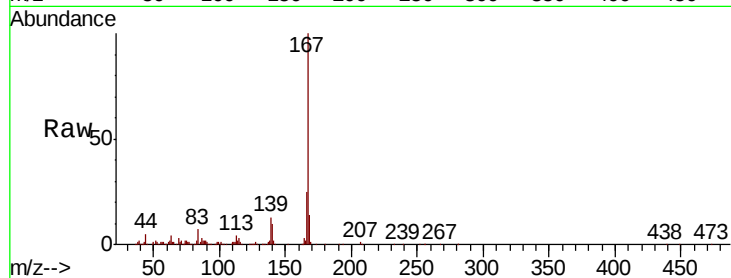
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 237427

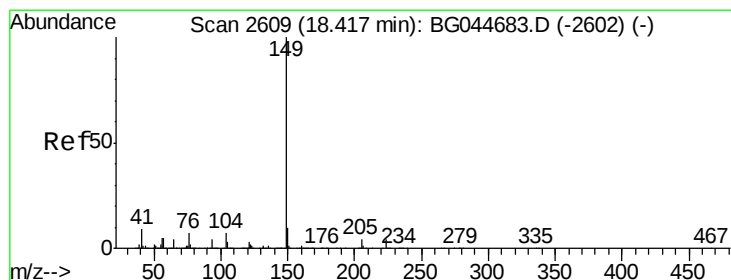
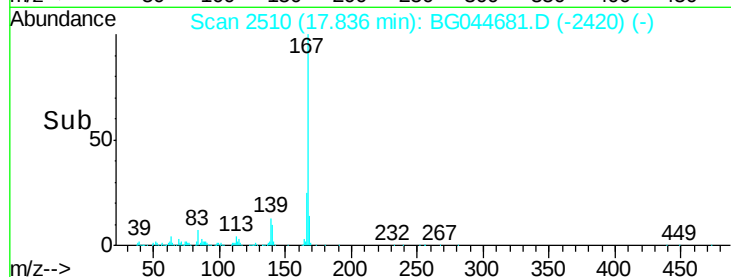
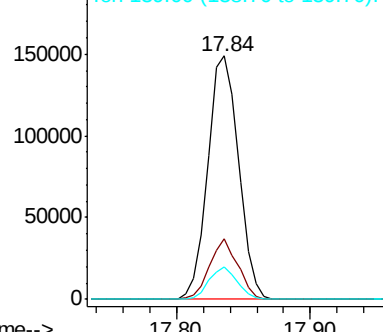
Ion	Ratio	Lower	Upper
167	100		
166	24.8	20.0	30.0
139	13.3	11.3	16.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 12.331 ng

RT: 18.42 min Scan# 2609

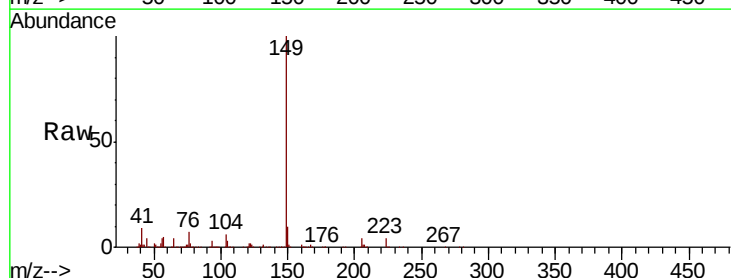
Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Tgt Ion:149 Resp: 295747

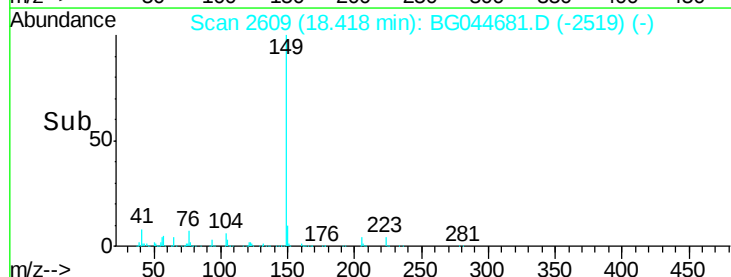
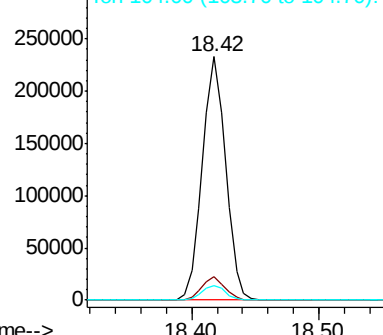
Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.0	12.0
104	6.2	5.5	8.3

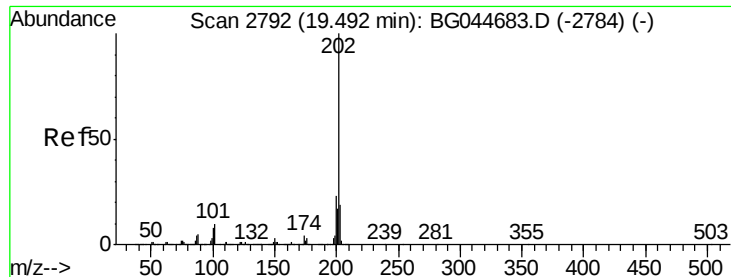


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 12.087 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG044681.D

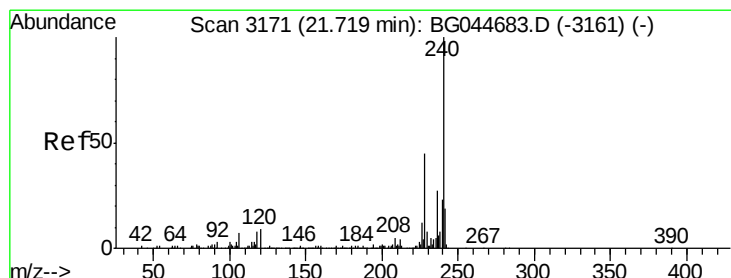
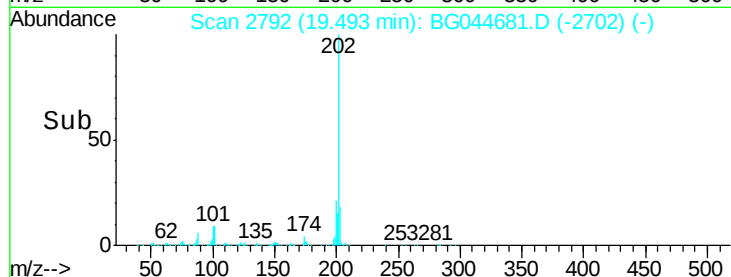
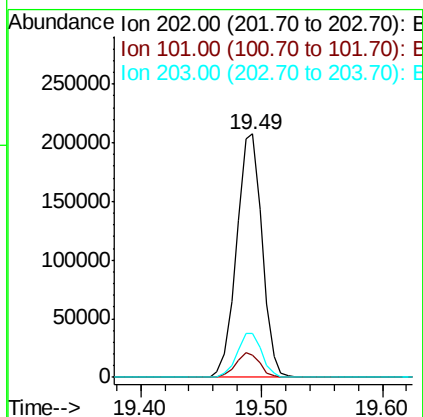
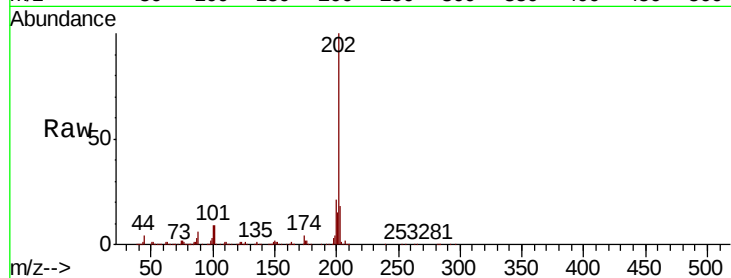
Acq: 5 Mar 2020 12:46

Instrument :

BNA_G

ClientSampled :

Tot Ion:	202	Resp:	305309
Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.3
203	18.2	0.0	39.1



#76

Chrysene-d12

Concen: 20.000 ng

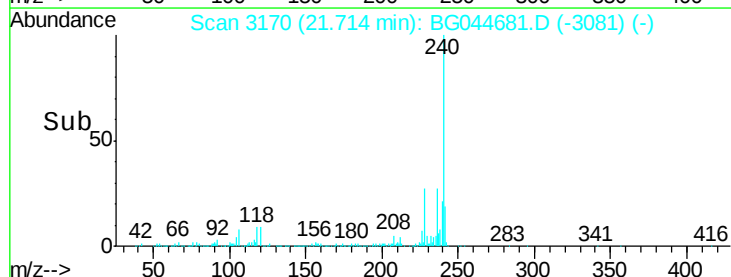
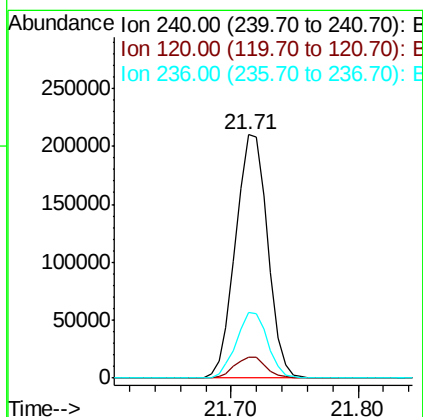
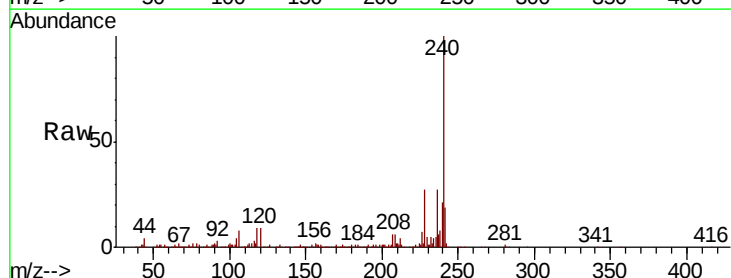
RT: 21.71 min Scan# 3170

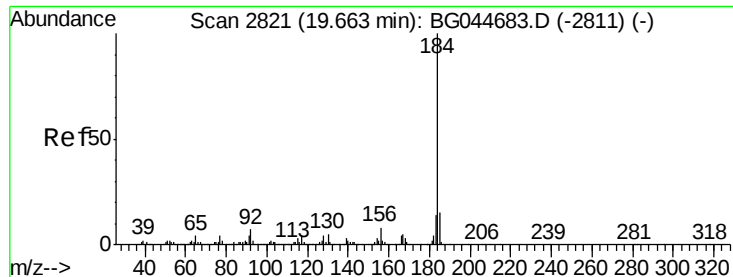
Delta R.T. -0.01 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Tgt Ion:	240	Resp:	367668
Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	26.8	21.5	32.3





#77

Benzidine

Concen: 13.516 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

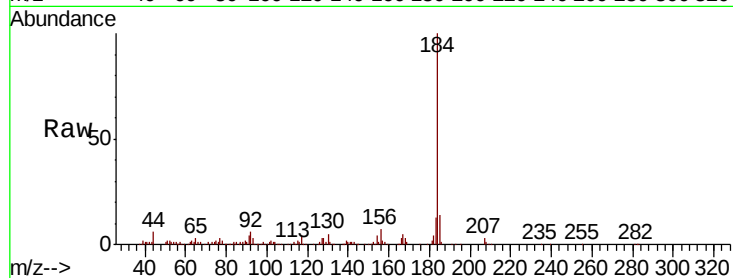
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 170227

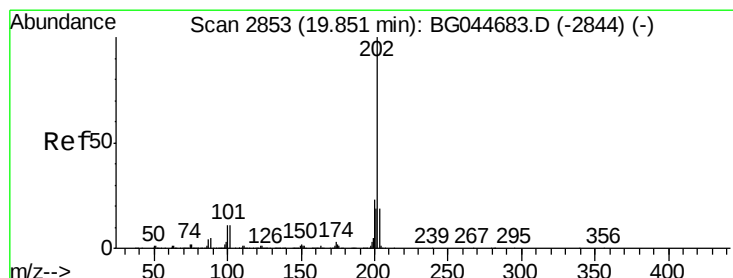
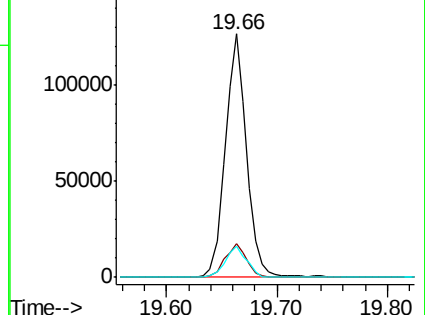
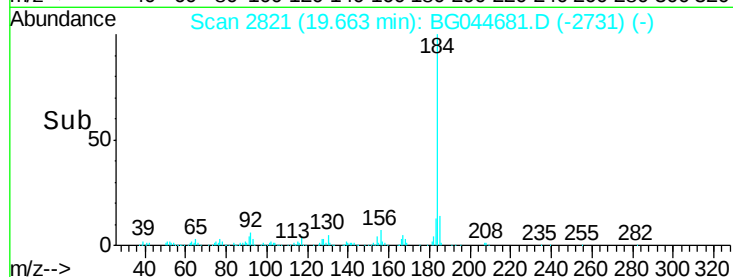
Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.0	18.0
183	12.9	11.4	17.2



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: 11.480 ng

RT: 19.85 min Scan# 2853

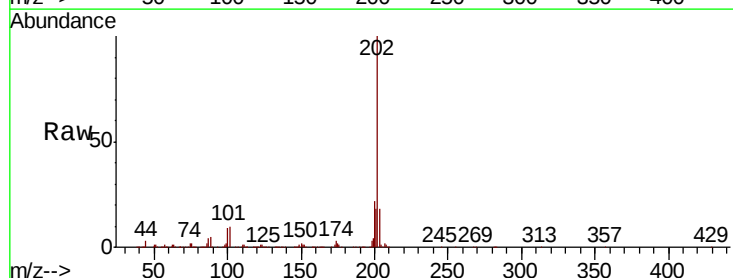
Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Tgt Ion:202 Resp: 306402

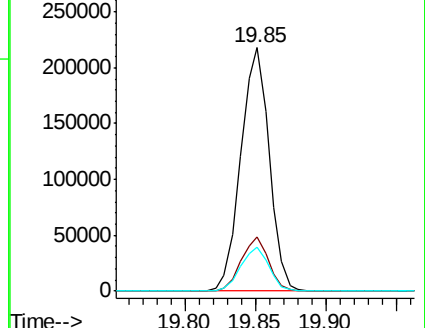
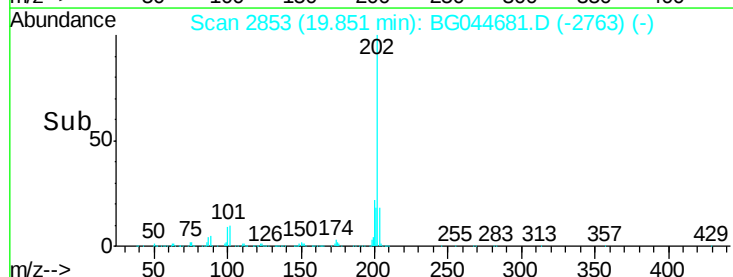
Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.2	27.2
203	18.1	15.2	22.8

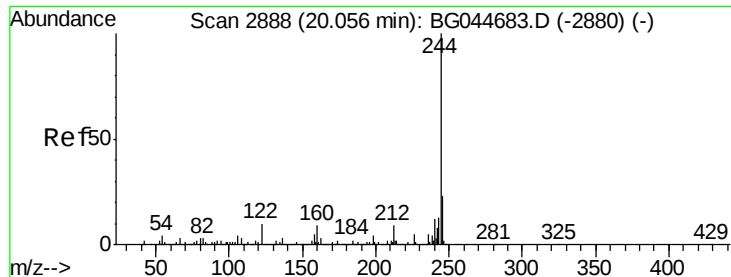


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 24.902 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Instrument :

BNA_G

ClientSampled :

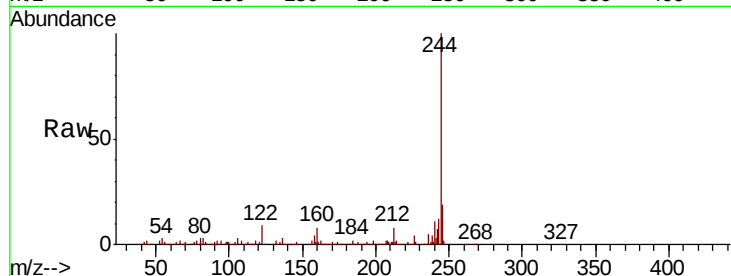
Tot Ion:244 Resp: 483650

Ion Ratio Lower Upper

244 100

212 8.3 7.5 11.3

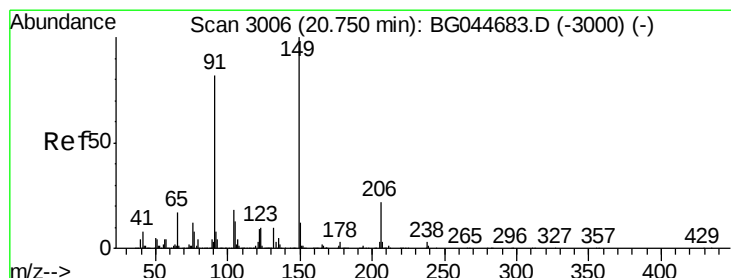
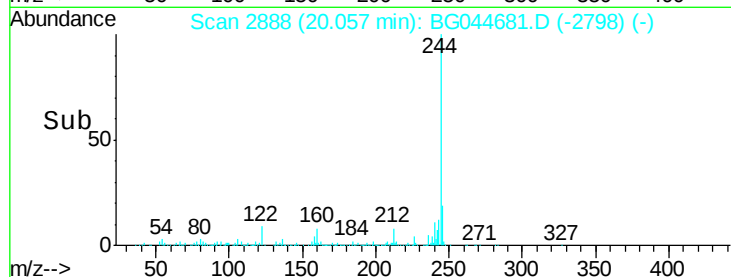
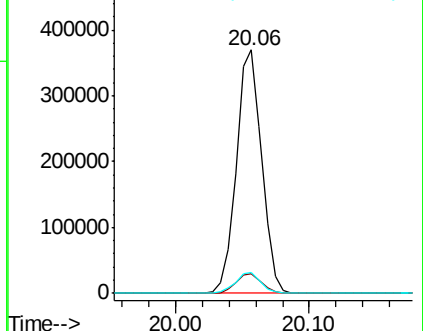
122 8.5 7.7 11.5



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: 10.570 ng

RT: 20.75 min Scan# 3006

Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

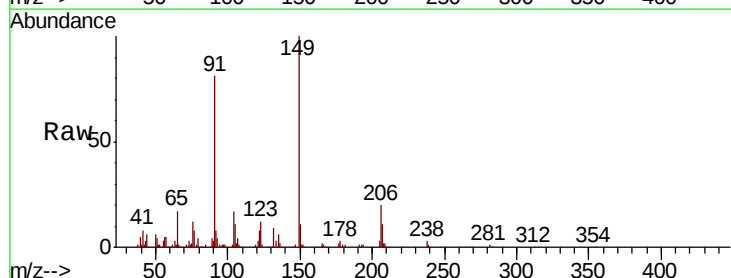
Tgt Ion:149 Resp: 123399

Ion Ratio Lower Upper

149 100

91 80.5 65.7 98.5

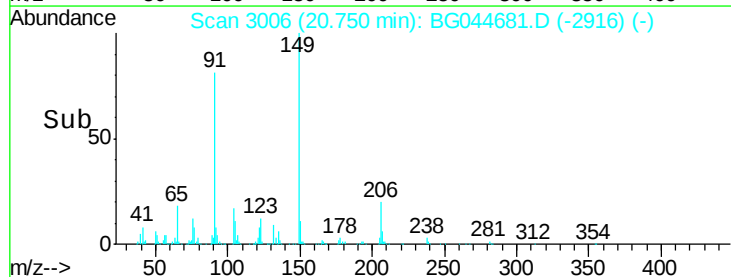
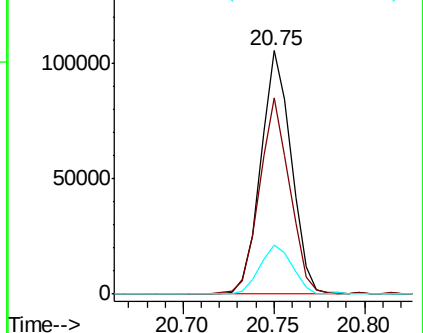
206 20.3 17.3 25.9

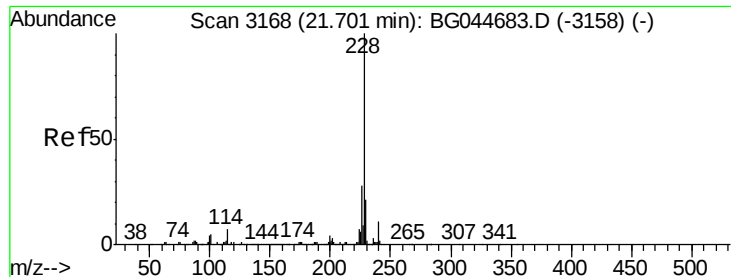


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 11.868 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

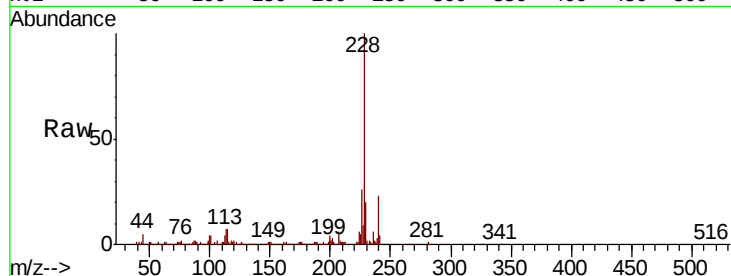
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 306671

Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.8	34.2
229	19.5	17.0	25.6

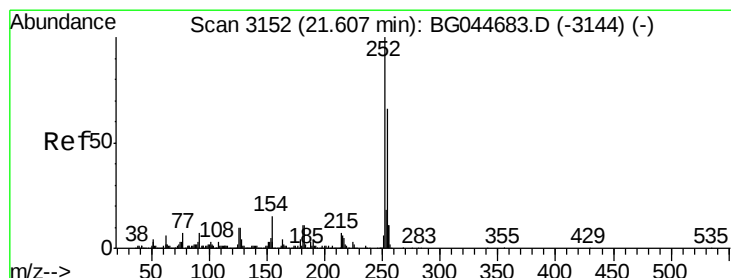
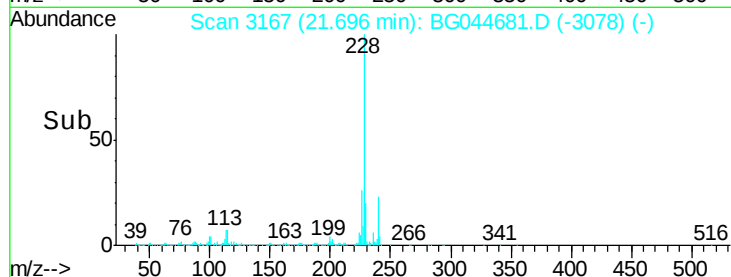
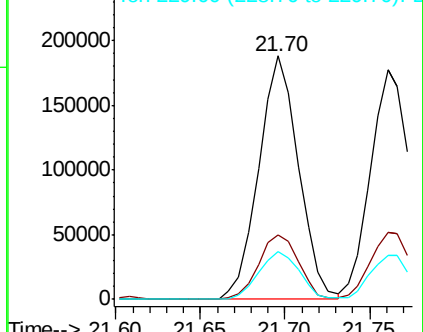


Abundance

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: 11.330 ng

RT: 21.61 min Scan# 3152

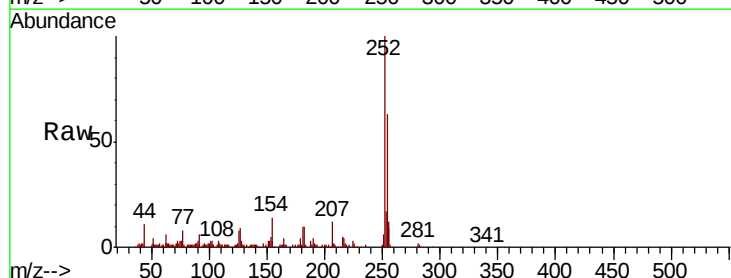
Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Tgt Ion:252 Resp: 115661

Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.6	79.0
126	8.4	7.8	11.6

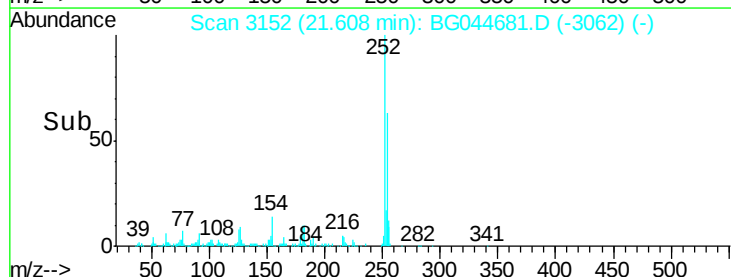
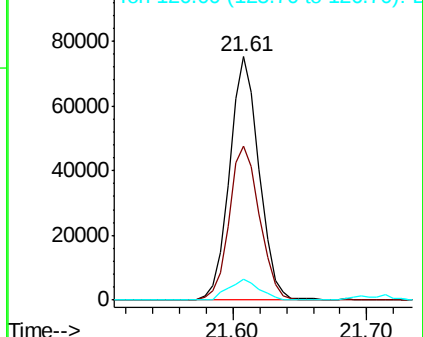


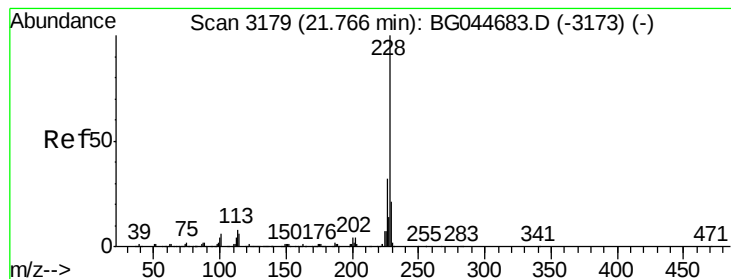
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 11.670 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Instrument :

BNA_G

ClientSampleId :

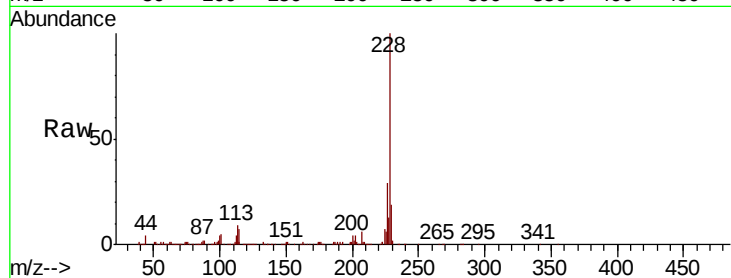
Tot Ion:228 Resp: 291574

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.8	38.6
229	19.3	16.6	25.0

228 100

226 29.0 25.8 38.6

229 19.3 16.6 25.0

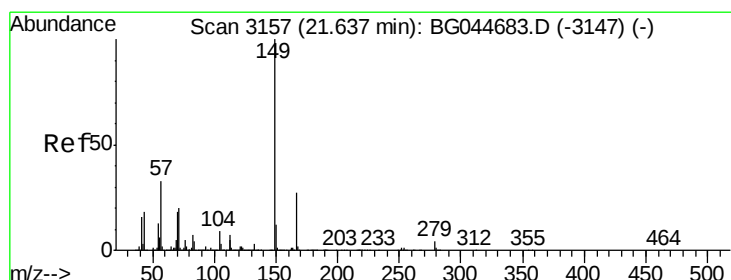
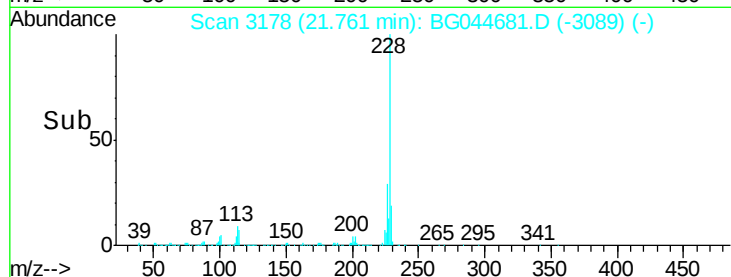
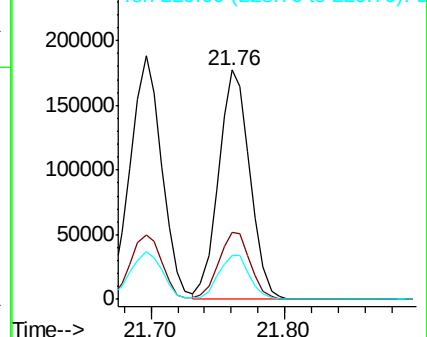


Abundance

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: 11.527 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

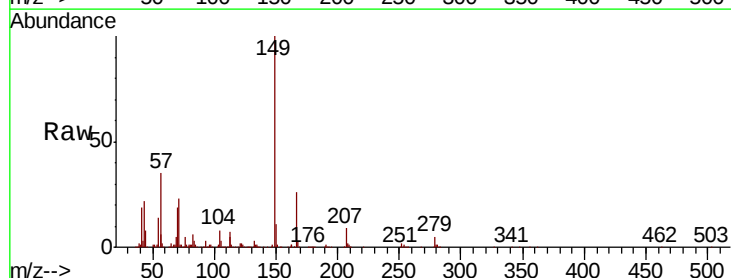
Tgt Ion:149 Resp: 185428

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	4.5	3.6	5.4

149 100

167 26.2 21.3 31.9

279 4.5 3.6 5.4

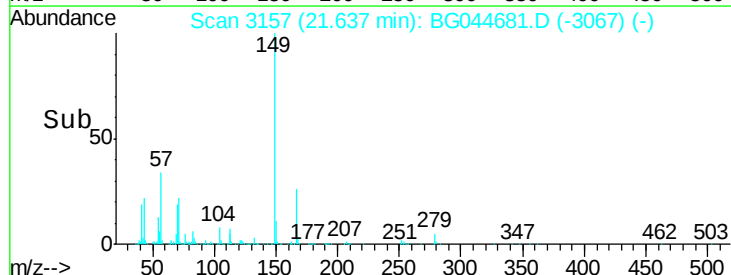
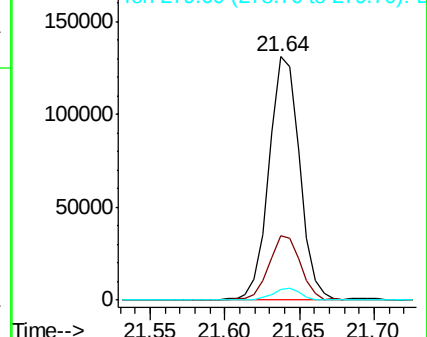


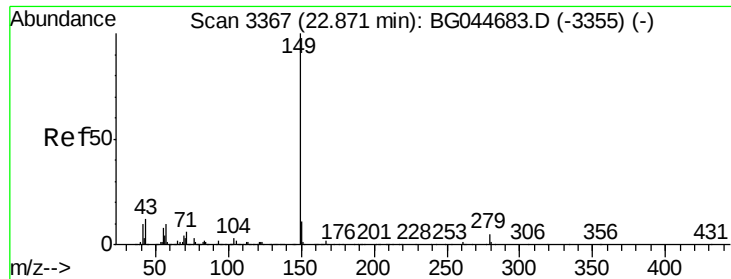
Abundance

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: 11.180 ng

RT: 22.87 min Scan# 3367

Delta R.T. 0.00 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

Instrument :

BNA_G

ClientSampleId :

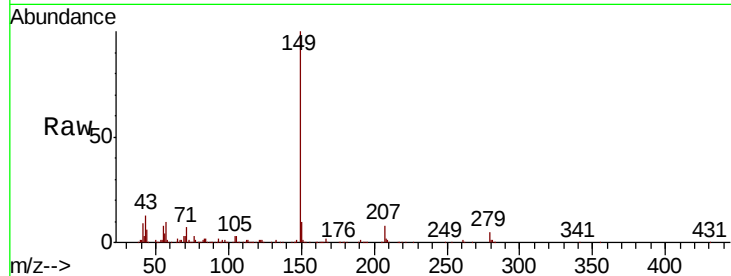
Tot Ion:149 Resp: 316409

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

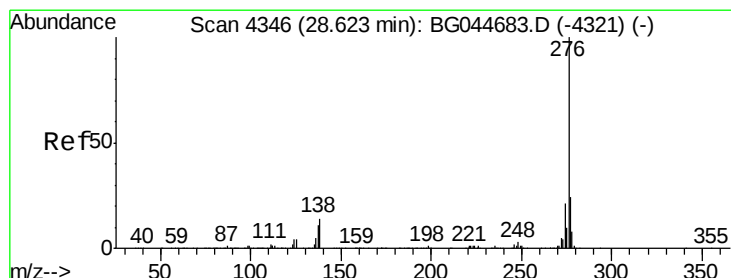
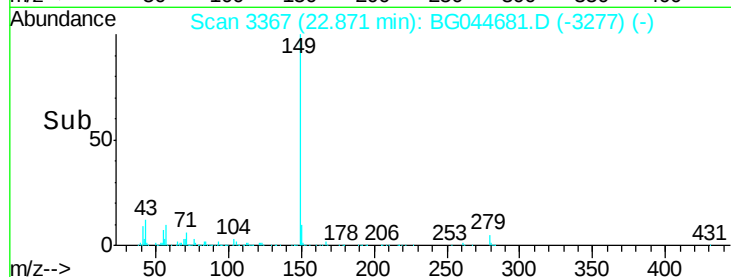
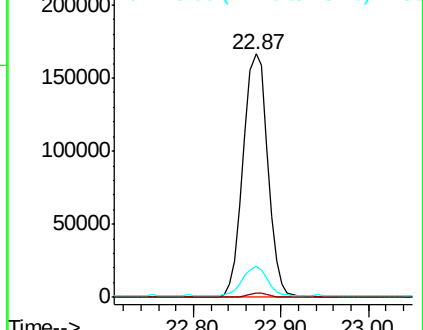
43 12.4 9.5 14.3



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: 11.164 ng

RT: 28.61 min Scan# 4343

Delta R.T. -0.02 min

Lab File: BG044681.D

Acq: 5 Mar 2020 12:46

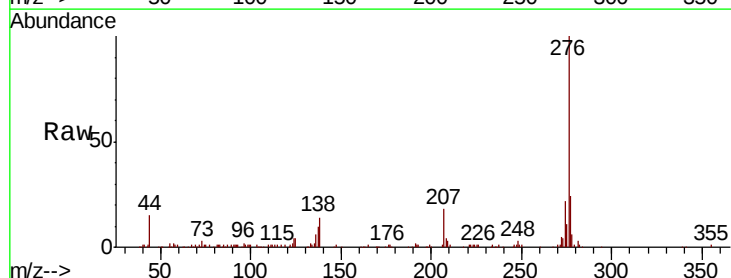
Tgt Ion:276 Resp: 357971

Ion Ratio Lower Upper

276 100

138 11.1 9.5 14.3

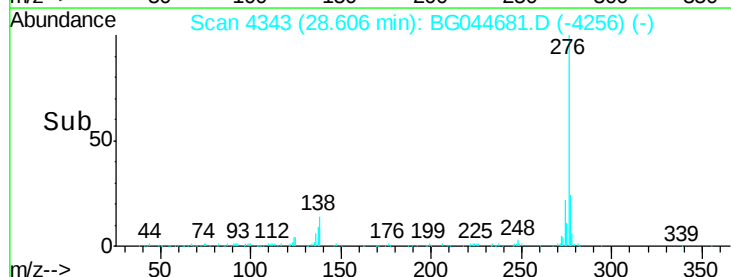
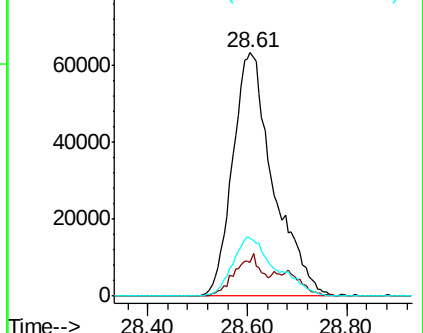
277 25.7 20.6 30.8

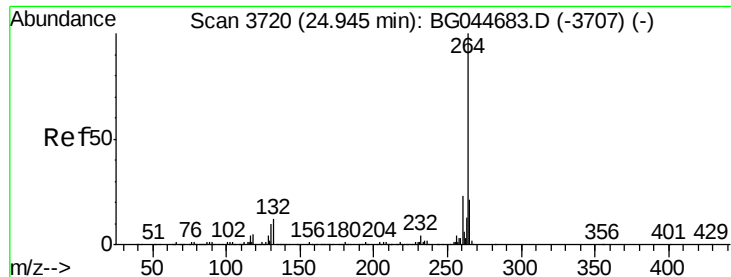


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

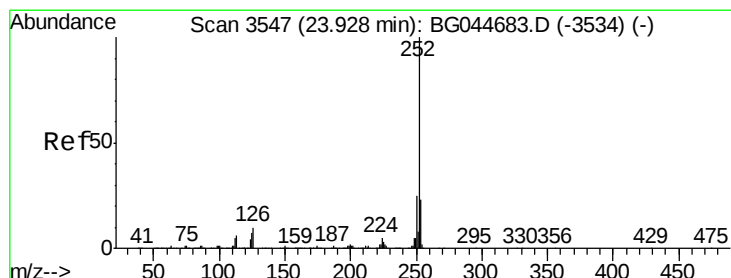
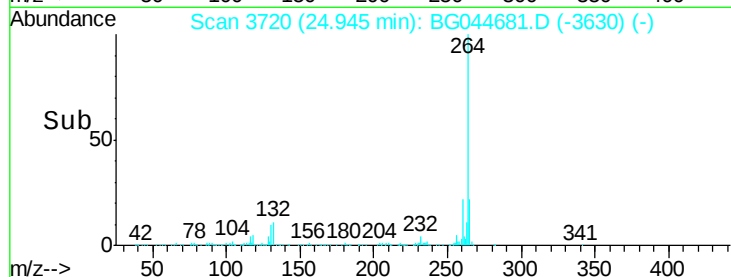
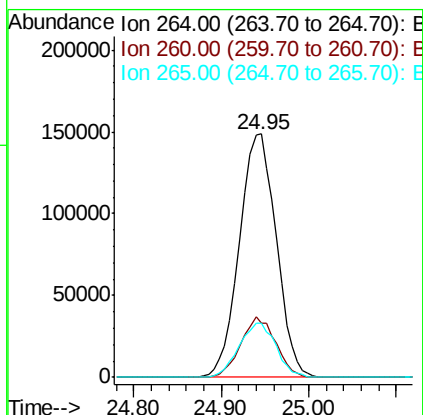
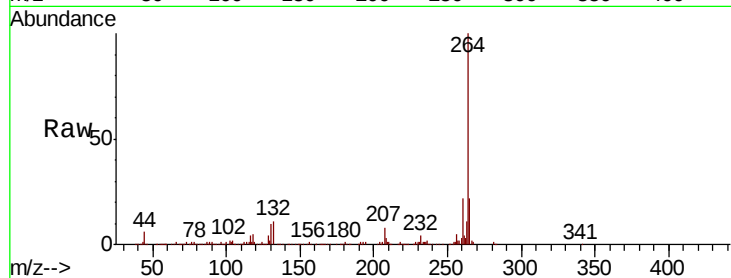




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.95 min Scan# 3720
Delta R.T. 0.00 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

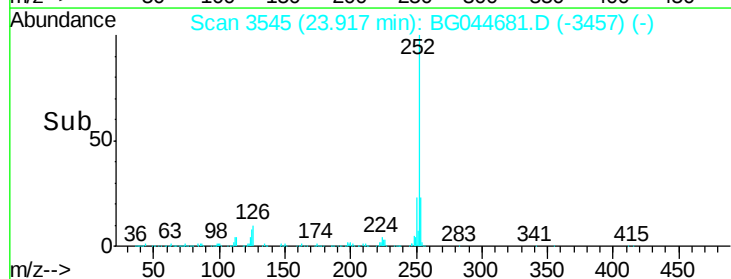
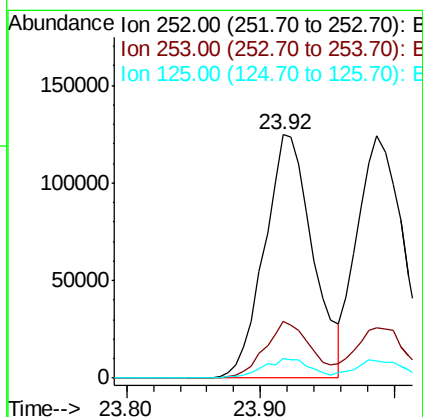
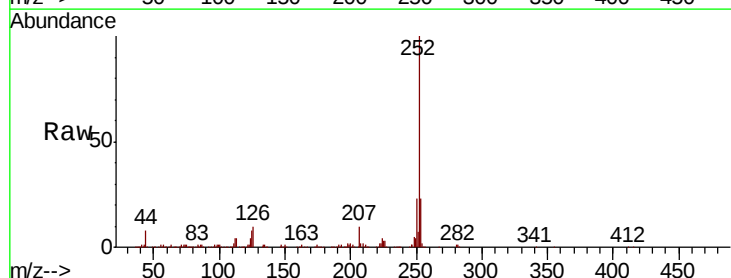
Instrument :
BNA_G
ClientSampleId :

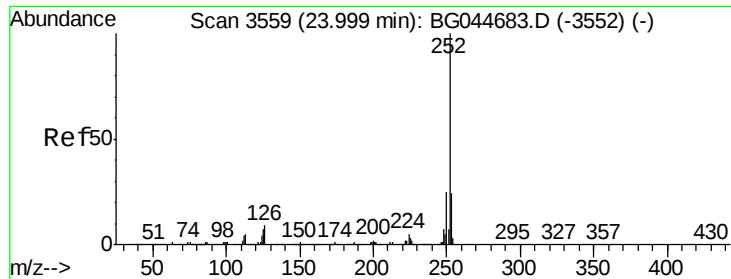
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.4	27.6
265	22.5	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 11.178 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	8.2	5.6	8.4

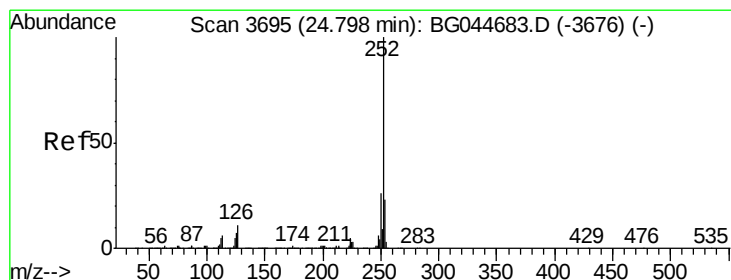
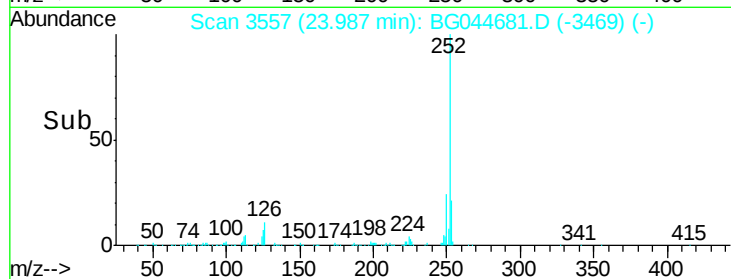
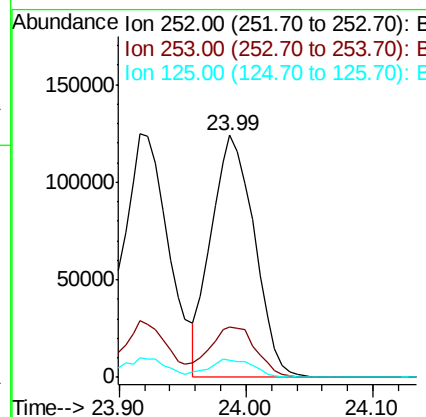
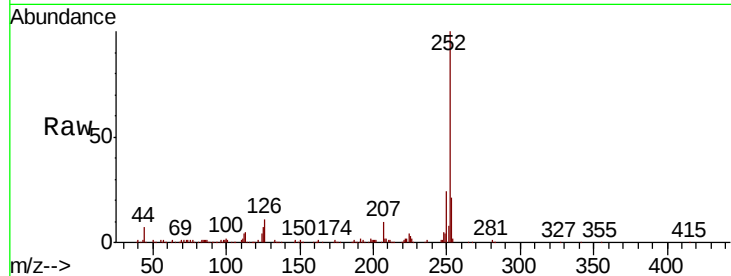




#89
Benzo(k)fluoranthene
Concen: 10.806 ng
RT: 23.99 min Scan# 3557
Delta R.T. -0.01 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

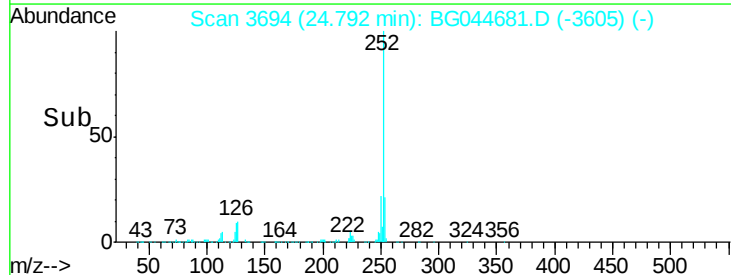
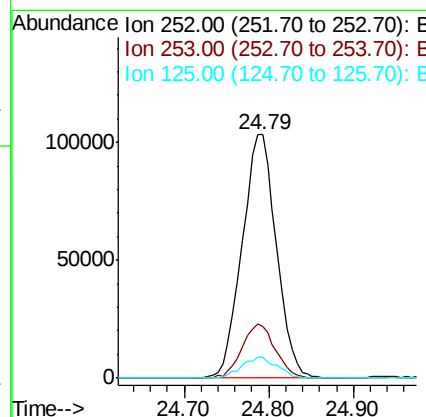
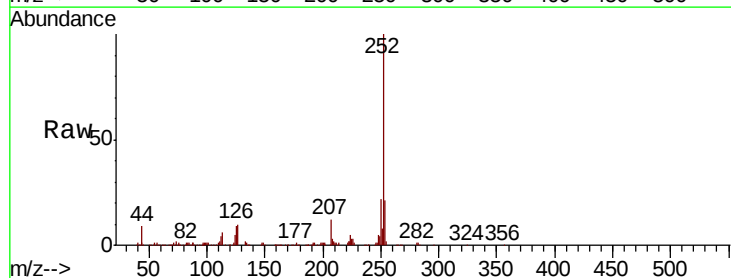
Instrument :
BNA_G
ClientSampleId :

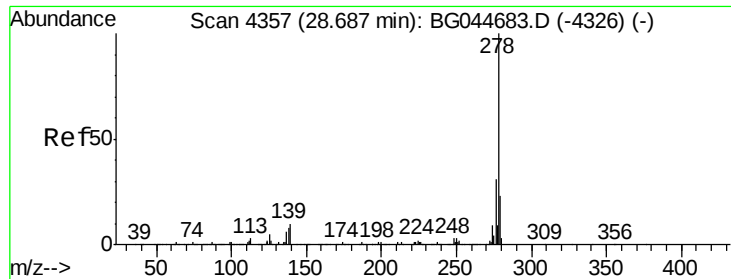
Tot Ion:252 Resp: 293598
Ion Ratio Lower Upper
252 100
253 21.1 18.5 27.7
125 7.0 5.8 8.8



#90
Benzo(a)pyrene
Concen: 11.038 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.01 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

Tgt Ion:252 Resp: 290393
Ion Ratio Lower Upper
252 100
253 21.1 18.4 27.6
125 8.5 6.0 9.0

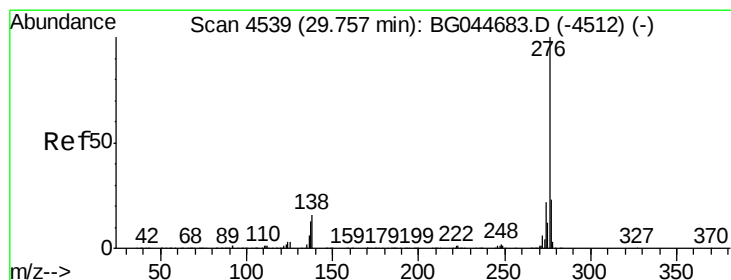
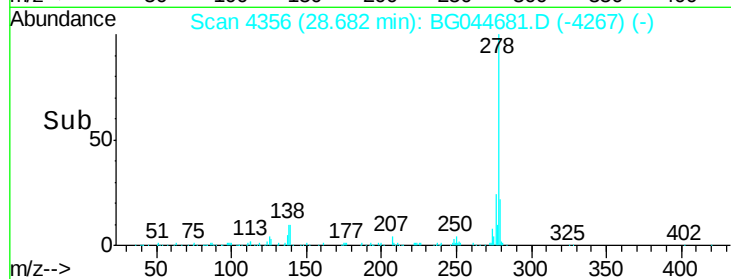
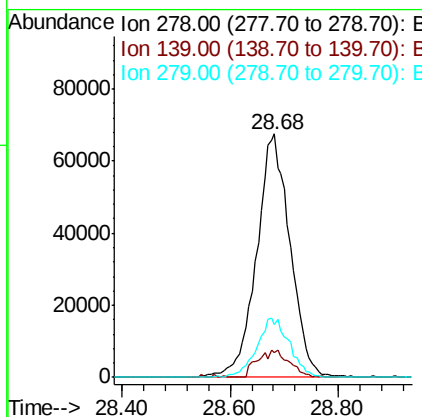
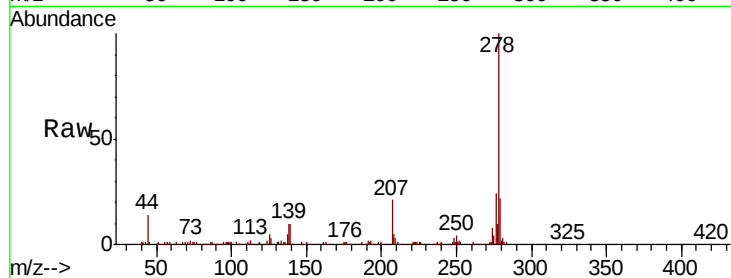




#91
Dibenzo(a,h)anthracene
Concen: 11.101 ng
RT: 28.68 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 288850
Ion Ratio Lower Upper
278 100
139 10.2 8.4 12.6
279 21.6 18.2 27.2



#92
Benzo(g,h,i)perylene
Concen: 10.879 ng
RT: 29.75 min Scan# 4538
Delta R.T. -0.01 min
Lab File: BG044681.D
Acq: 5 Mar 2020 12:46

Tgt Ion:276 Resp: 283595
Ion Ratio Lower Upper
276 100
277 21.6 18.7 28.1
138 13.1 12.7 19.1

