

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030520\
 Data File : BG044688.D
 Acq On : 5 Mar 2020 17:43
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 05 18:23:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 05 17:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	67690	20.00	ng	0.01
21) Naphthalene-d8	10.88	136	273038	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	196490	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	446014	20.00	ng	0.00
76) Chrysene-d12	21.72	240	391540	20.00	ng	0.00
87) Perylene-d12	24.95	264	464910	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	337540	74.89	ng	0.00
7) Phenol-d6	7.22	99	512894	75.28	ng	0.01
23) Nitrobenzene-d5	9.22	82	497533	82.97	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	206885	76.65	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1072787	76.06	ng	0.00
79) Terphenyl-d14	20.06	244	1694376	77.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	79555	36.824	ng	97
3) Pyridine	3.92	79	247026	36.878	ng	99
4) n-Nitrosodimethylamine	3.83	42	102191	36.066	ng	86
6) Aniline	7.38	93	318958	37.373	ng	99
8) 2-Chlorophenol	7.63	128	171434	37.529	ng	99
9) Benzaldehyde	7.19	77	155512	36.601	ng	99
10) Phenol	7.24	94	249792	37.221	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	195145	37.843	ng	99
12) 1,3-Dichlorobenzene	7.96	146	202714	37.313	ng	97
13) 1,4-Dichlorobenzene	8.11	146	203194	37.437	ng	96
14) 1,2-Dichlorobenzene	8.42	146	193008	37.619	ng	95
15) Benzyl Alcohol	8.30	79	220592	37.532	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.60	45	351579	36.087	ng	98
17) 2-Methylphenol	8.50	107	170059	36.982	ng	97
18) Hexachloroethane	9.16	117	84097	38.631	ng	93
19) n-Nitroso-di-n-propylamine	8.87	70	182193	35.798	ng	99
20) 3+4-Methylphenols	8.83	107	237581	37.088	ng	100
22) Acetophenone	8.89	105	301953	37.883	ng	98
24) Nitrobenzene	9.27	77	256403	40.327	ng	98
25) Isophorone	9.80	82	502924	38.030	ng	98
26) 2-Nitrophenol	9.98	139	88905	41.227	ng	97
27) 2,4-Dimethylphenol	10.04	122	159376	38.413	ng	95
28) bis(2-Chloroethoxy)methane	10.28	93	286623	38.498	ng	97
29) 2,4-Dichlorophenol	10.51	162	185589	39.314	ng	97
30) 1,2,4-Trichlorobenzene	10.74	180	212053	38.670	ng	99
31) Naphthalene	10.93	128	595951	38.893	ng	97
32) Benzoic acid	10.17	122	130806	41.846	ng	# 79
33) 4-Chloroaniline	11.03	127	263302	37.308	ng	97
34) Hexachlorobutadiene	11.22	225	145116	38.734	ng	94
35) Caprolactam	11.79	113	74438	37.774	ng	95
36) 4-Chloro-3-methylphenol	12.14	107	227150	37.995	ng	95
37) 2-Methylnaphthalene	12.53	142	439665	38.023	ng	97
38) 1-Methylnaphthalene	12.75	142	414929	37.959	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	241055	37.790	ng	98

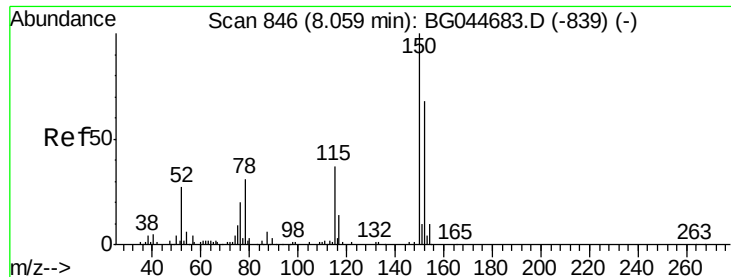
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030520\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	136323	36.548	ng	99
43) 2,4,6-Trichlorophenol	13.13	196	170872	38.641	ng	92
44) 2,4,5-Trichlorophenol	13.20	196	172903	38.126	ng	92
46) 1,1'-Biphenyl	13.54	154	586105	37.503	ng	99
47) 2-Chloronaphthalene	13.58	162	446022	37.415	ng	99
48) 2-Nitroaniline	13.76	65	166096	39.551	ng	99
49) Acenaphthylene	14.42	152	719796	37.688	ng	100
50) Dimethylphthalate	14.16	163	620211	37.968	ng	99
51) 2,6-Dinitrotoluene	14.26	165	122565	41.756	ng	97
52) Acenaphthene	14.77	154	469653	38.031	ng	99
53) 3-Nitroaniline	14.59	138	137646	40.691	ng	91
54) 2,4-Dinitrophenol	14.79	184	53808	38.213	ng	# 40
55) Dibenzofuran	15.10	168	691273	37.358	ng	99
56) 4-Nitrophenol	14.89	139	109700	41.680	ng	98
57) 2,4-Dinitrotoluene	15.05	165	167679	40.895	ng	98
58) Fluorene	15.75	166	573514	37.473	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	166566	38.591	ng	99
60) Diethylphthalate	15.53	149	652127	37.340	ng	98
61) 4-Chlorophenyl-phenylether	15.74	204	309060	37.215	ng	97
62) 4-Nitroaniline	15.75	138	144711	38.840	ng	95
63) Azobenzene	16.04	77	679780	37.194	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	75595	40.073	ng	93
66) n-Nitrosodiphenylamine	15.95	169	516544	37.878	ng	100
67) 4-Bromophenyl-phenylether	16.64	248	212932	37.854	ng	96
68) Hexachlorobenzene	16.76	284	229531	37.790	ng	98
69) Atrazine	16.90	200	206171	39.122	ng	99
70) Pentachlorophenol	17.09	266	140715	40.828	ng	92
71) Phenanthrene	17.49	178	936659	38.300	ng	98
72) Anthracene	17.58	178	921852	38.270	ng	99
73) Carbazole	17.84	167	880958	38.189	ng	97
74) Di-n-butylphthalate	18.42	149	1122144	38.624	ng	99
75) Fluoranthene	19.49	202	1127221	38.137	ng	99
77) Benzidine	19.67	184	555447	35.538	ng	96
78) Pyrene	19.86	202	1133779	37.964	ng	99
80) Butylbenzylphthalate	20.75	149	525734	39.439	ng	97
81) Benzo(a)anthracene	21.70	228	1114198	37.947	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	443431	37.930	ng	98
83) Chrysene	21.77	228	1052454	37.658	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	715936	38.513	ng	98
85) Di-n-octyl phthalate	22.87	149	1250078	39.159	ng	99
86) Indeno(1,2,3-cd)pyrene	28.62	276	1374968	37.251	ng	# 96
88) Benzo(b)fluoranthene	23.93	252	1198679	37.883	ng	99
89) Benzo(k)fluoranthene	24.00	252	1139319	38.414	ng	99
90) Benzo(a)pyrene	24.80	252	1107718	37.588	ng	99
91) Dibenzo(a,h)anthracene	28.70	278	1095708	37.287	ng	98
92) Benzo(g,h,i)perylene	29.77	276	1108293	37.652	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

ClientSampleId :

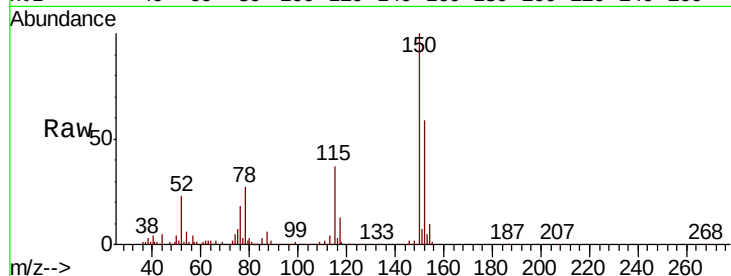
Tot Ion:152 Resp: 67690

Ion Ratio Lower Upper

152 100

150 170.6 118.6 177.8

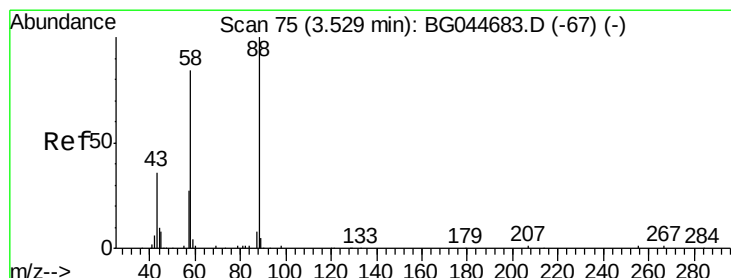
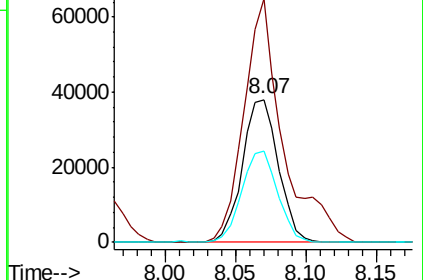
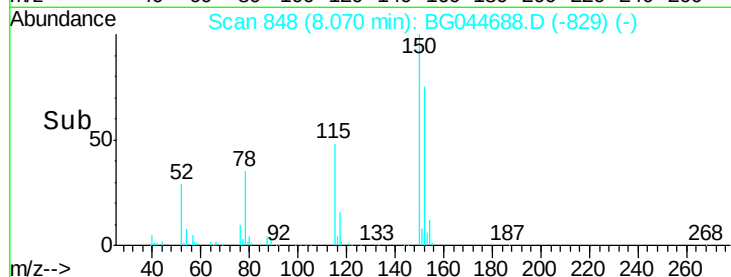
115 63.5 43.6 65.4



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: 36.824 ng

RT: 3.53 min Scan# 75

Delta R.T. -0.00 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

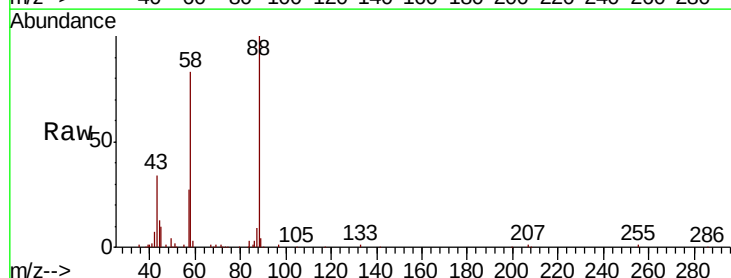
Tgt Ion: 88 Resp: 79555

Ion Ratio Lower Upper

88 100

58 84.2 66.6 99.8

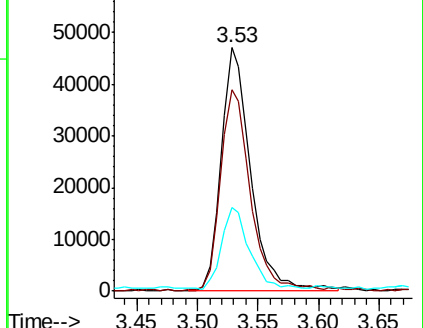
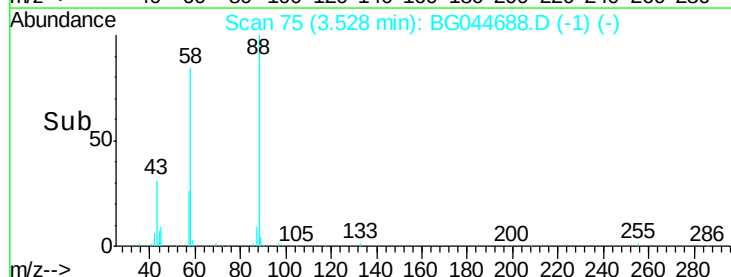
43 30.9 27.4 41.2

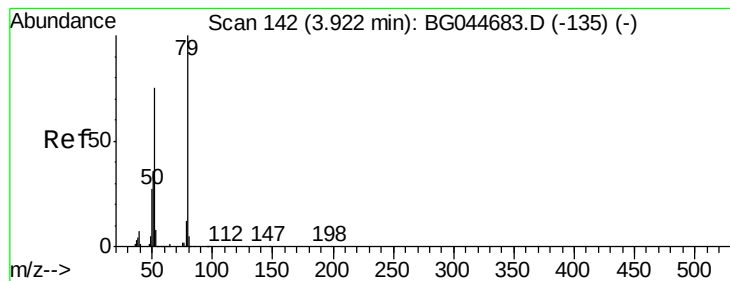


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.878 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.00 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

ClientSampleId :

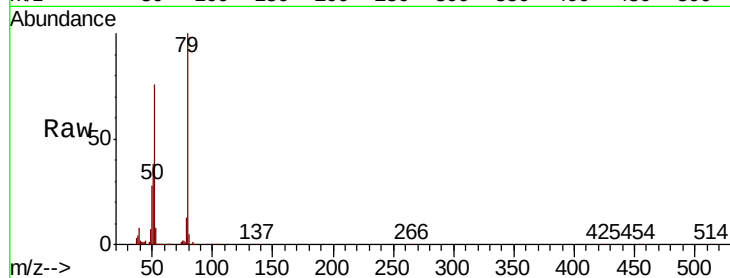
Tot Ion: 79 Resp: 247026

Ion Ratio Lower Upper

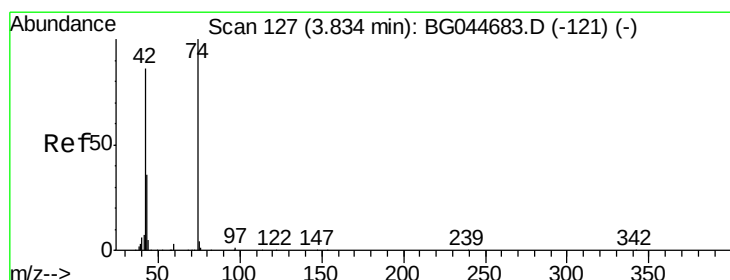
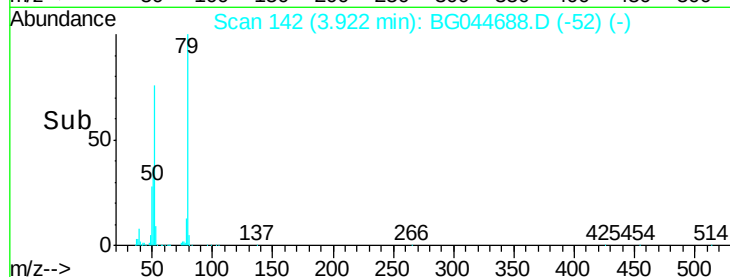
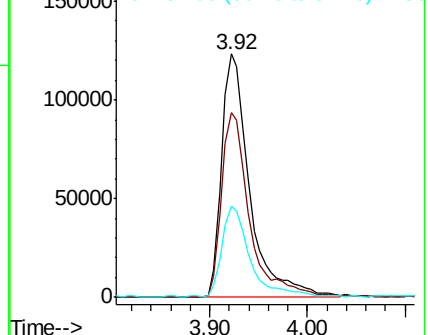
79 100

52 75.8 59.9 89.9

51 37.7 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: 36.066 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.00 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

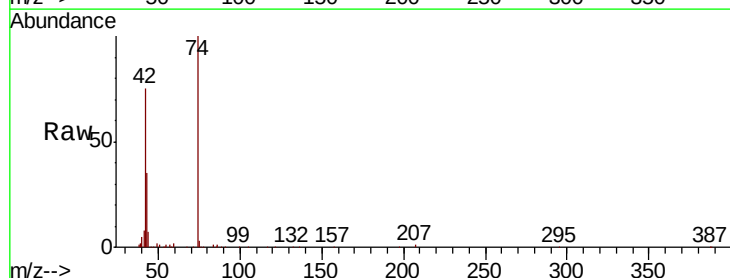
Tgt Ion: 42 Resp: 102191

Ion Ratio Lower Upper

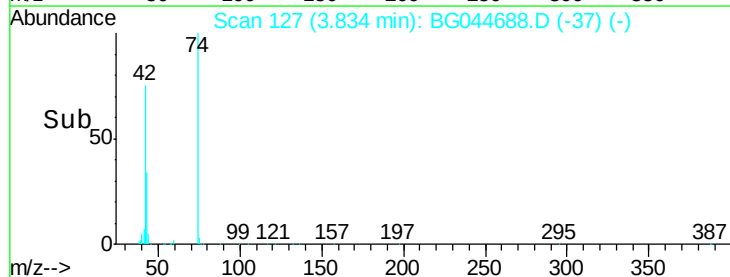
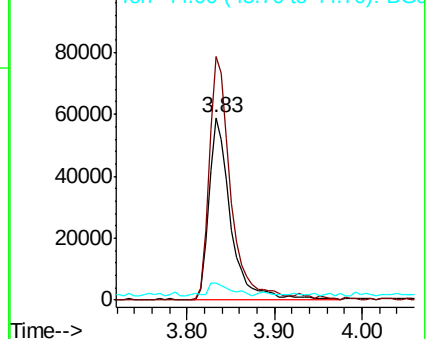
42 100

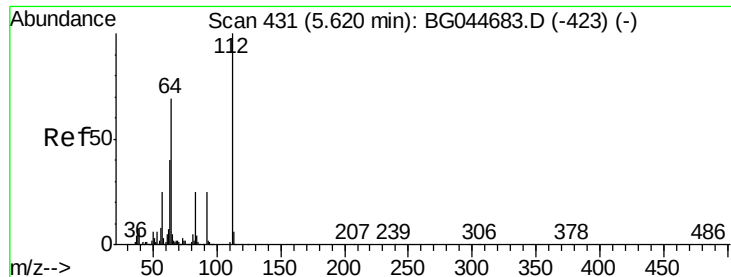
74 133.2 93.4 140.2

44 9.2 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: 74.890 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

ClientSampleId :

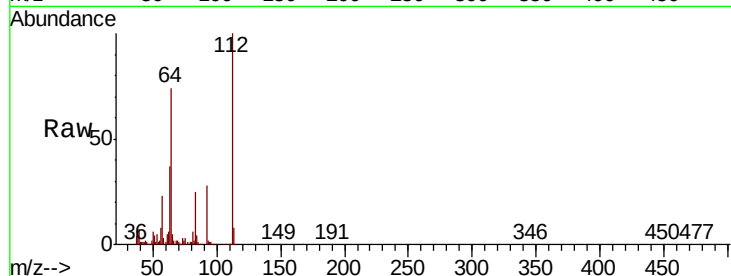
Tot Ion:112 Resp: 337540

Ion Ratio Lower Upper

112 100

64 73.6 55.4 83.0

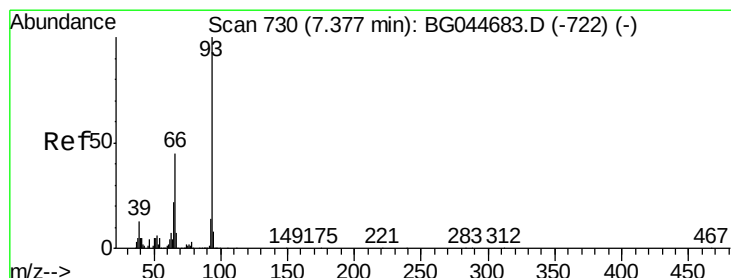
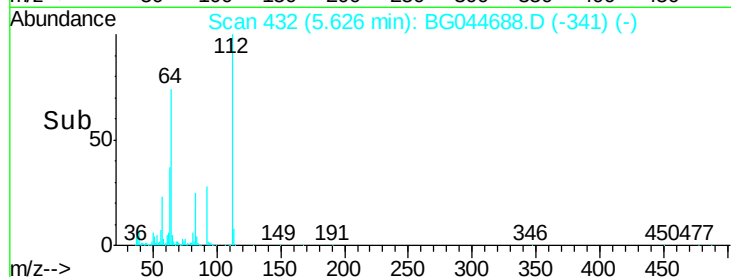
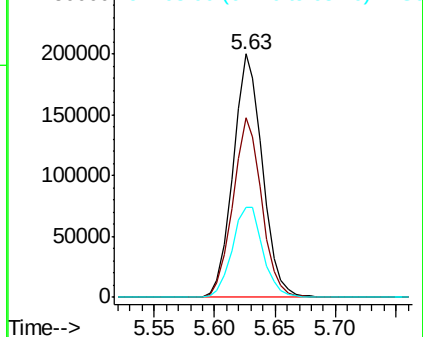
63 37.0 32.1 48.1



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: 37.373 ng

RT: 7.38 min Scan# 731

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

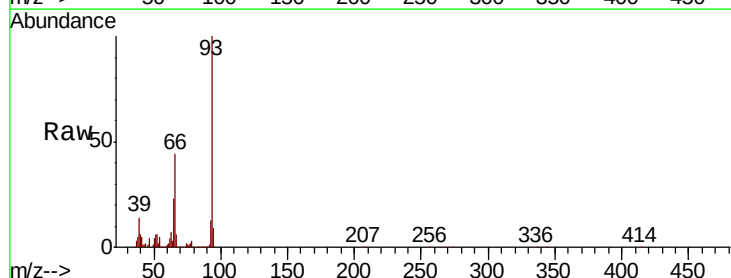
Tgt Ion: 93 Resp: 318958

Ion Ratio Lower Upper

93 100

66 44.4 35.8 53.8

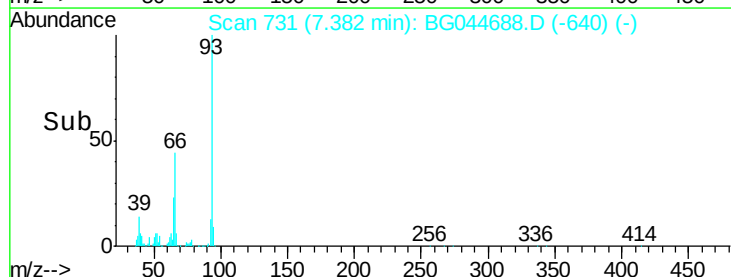
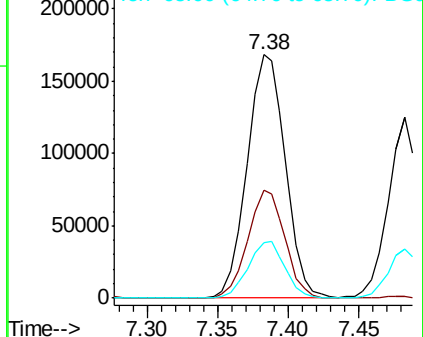
65 22.9 17.9 26.9

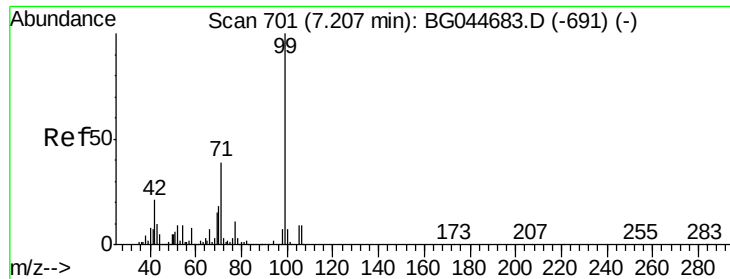


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 75.284 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

ClientSampleId :

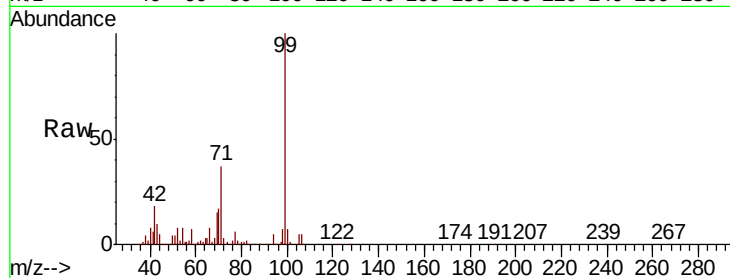
Tot Ion: 99 Resp: 512894

Ion Ratio Lower Upper

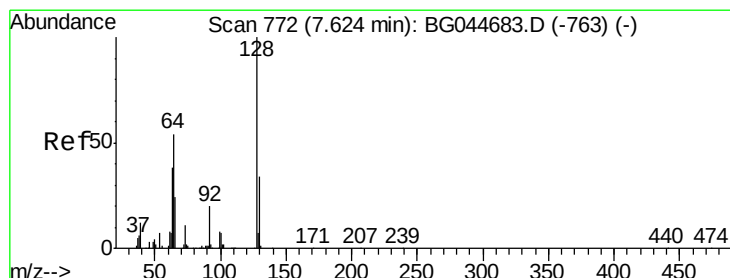
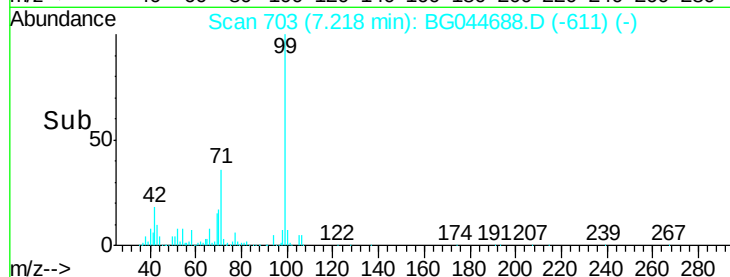
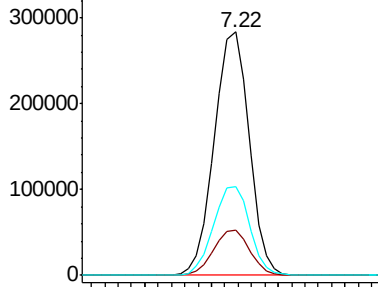
99 100

42 18.4 16.5 24.7

71 36.5 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: 37.529 ng

RT: 7.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

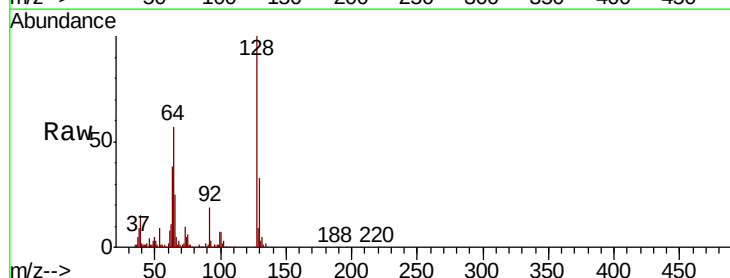
Tgt Ion: 128 Resp: 171434

Ion Ratio Lower Upper

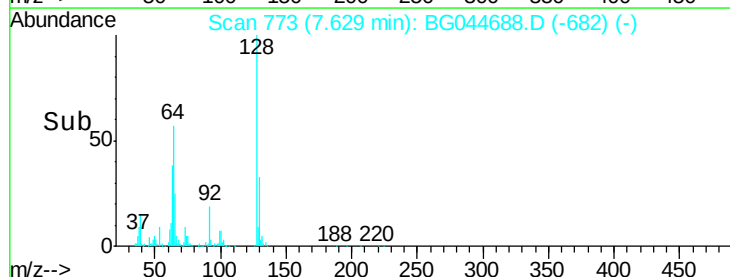
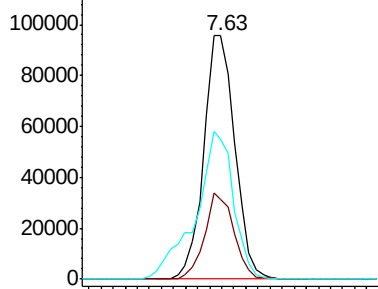
128 100

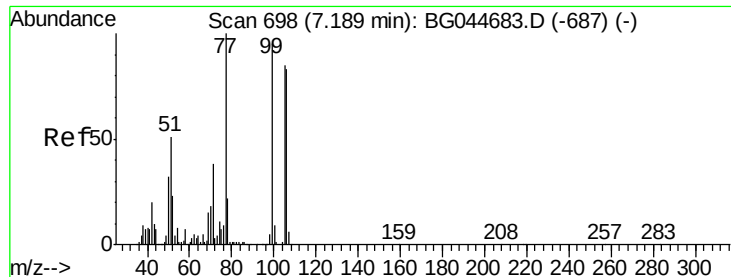
130 32.5 14.0 54.0

64 57.4 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: 36.601 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

ClientSampled :

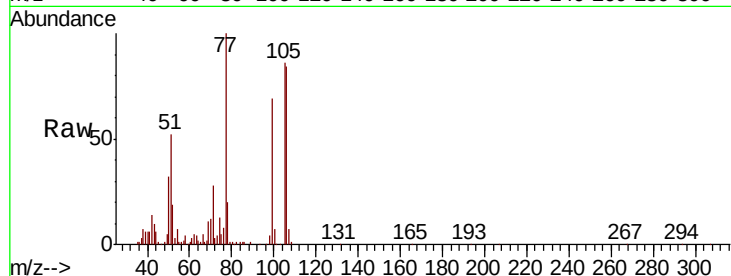
Tot Ion: 77 Resp: 155512

Ion Ratio Lower Upper

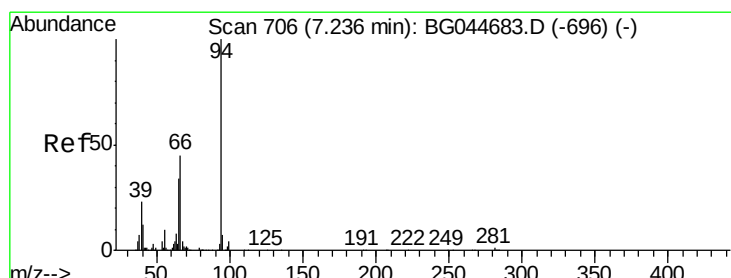
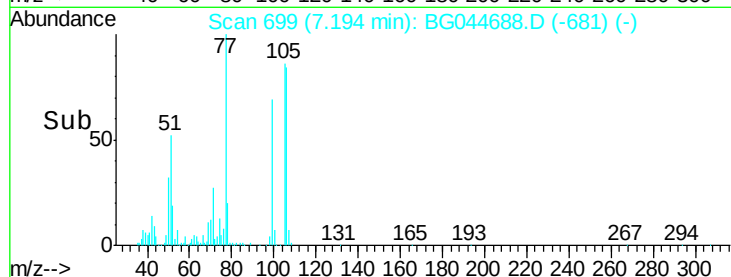
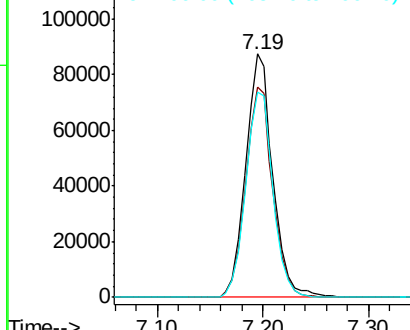
77 100

105 86.5 65.1 105.1

106 84.4 63.1 103.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.221 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

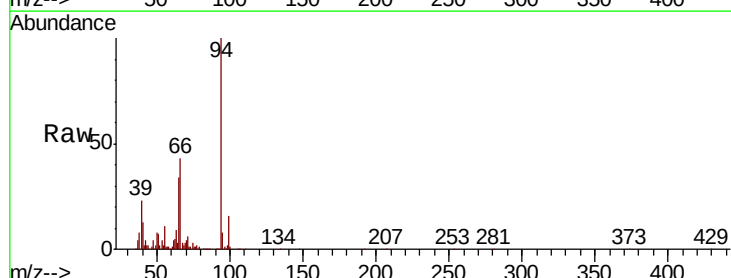
Tgt Ion: 94 Resp: 249792

Ion Ratio Lower Upper

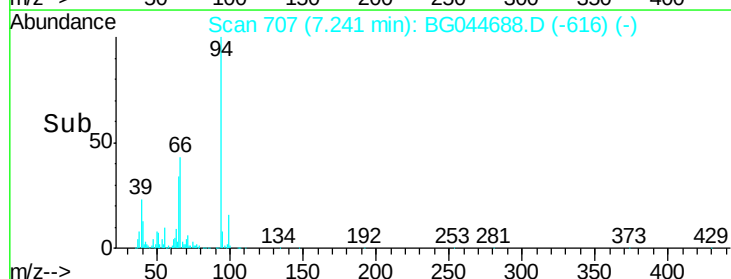
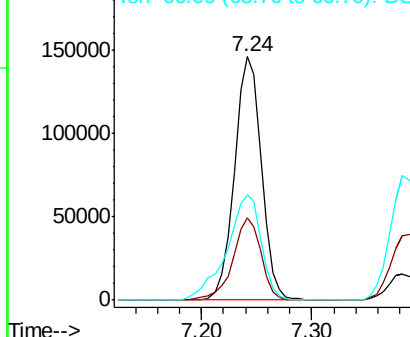
94 100

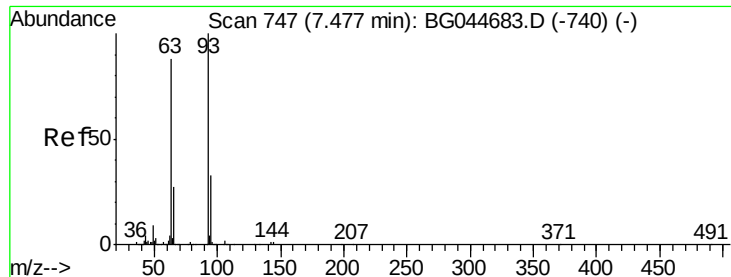
65 33.9 13.5 53.5

66 43.0 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

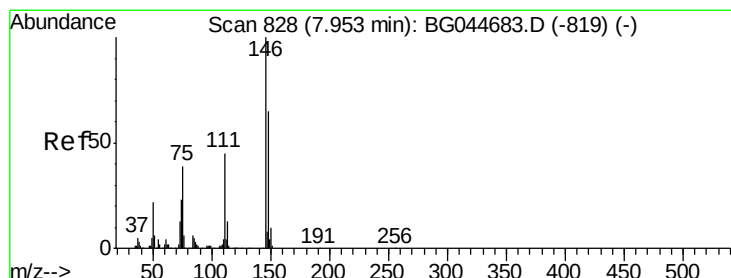
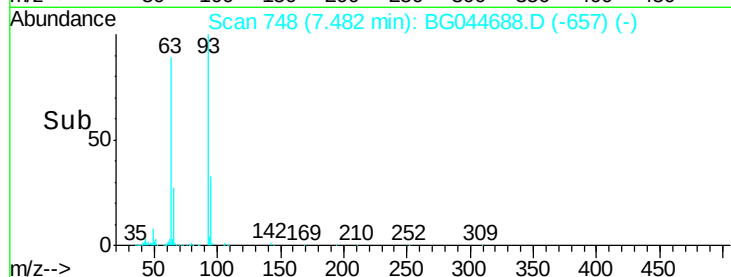
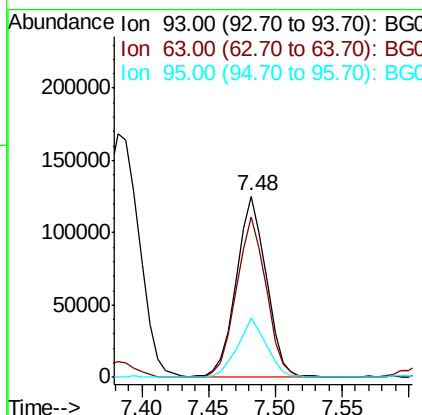
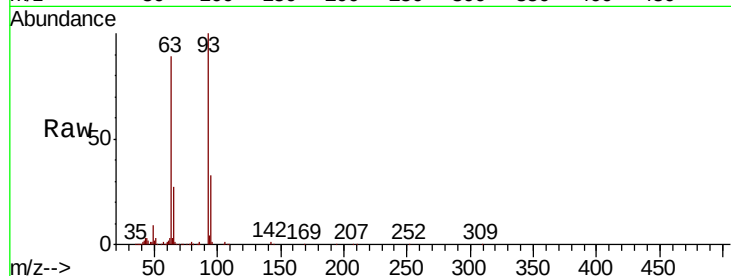




#11
bis(2-Chloroethyl)ether
Concen: 37.843 ng
RT: 7.48 min Scan# 748
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

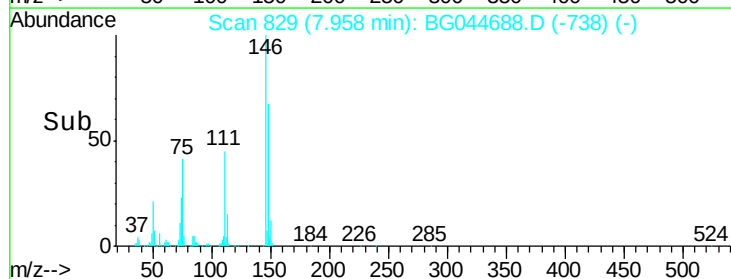
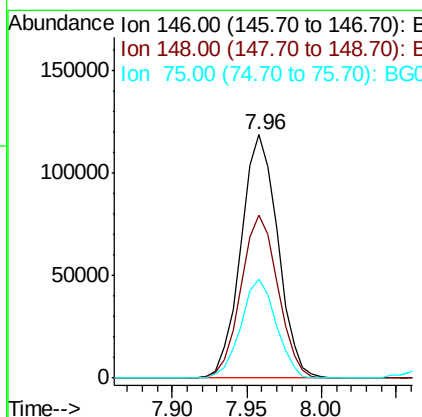
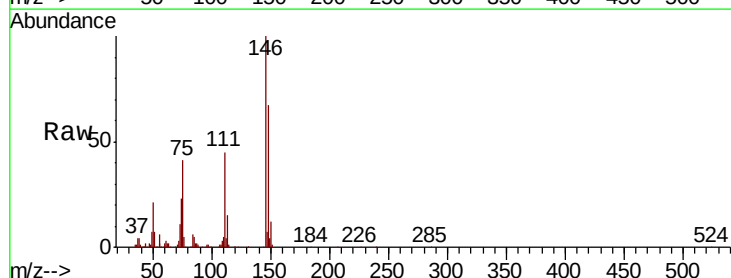
Instrument :
BNA_G
ClientSampleId :

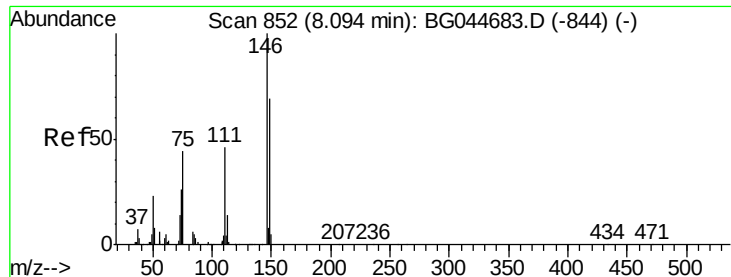
Tot Ion: 93 Resp: 195145
Ion Ratio Lower Upper
93 100
63 88.7 67.8 107.8
95 32.7 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 37.313 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion: 146 Resp: 202714
Ion Ratio Lower Upper
146 100
148 67.0 51.9 77.9
75 40.5 31.0 46.6

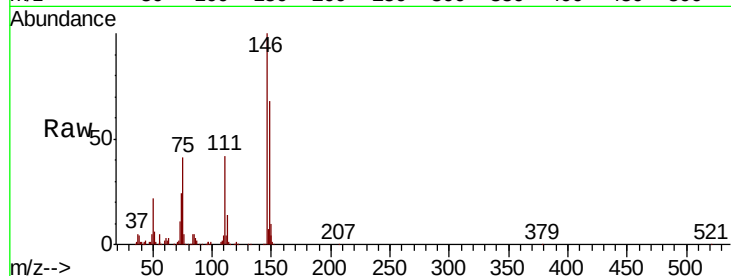




#13
 1,4-Dichlorobenzene
 Concen: 37.437 ng
 RT: 8.11 min Scan# 854
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.6	55.0	82.4
111	41.5	37.2	55.8

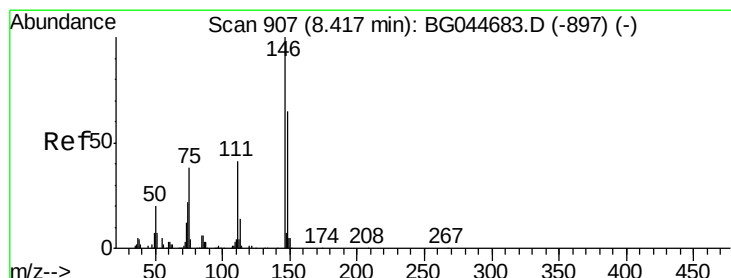
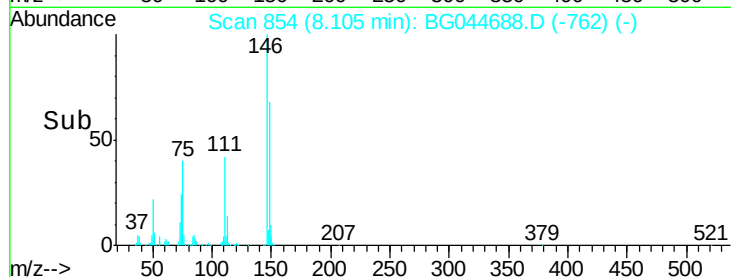
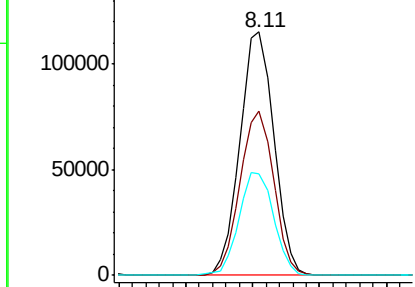


Abundance

Ion 146.00 (145.70 to 146.70): E

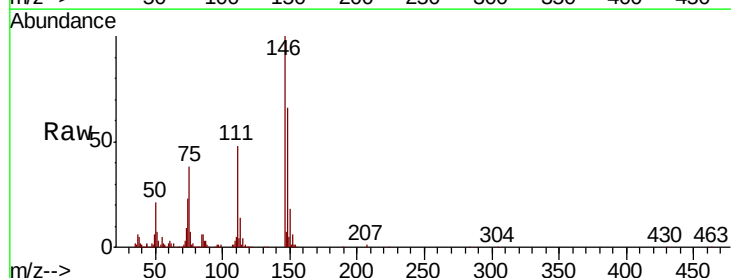
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 37.619 ng
 RT: 8.42 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.8	77.8
111	48.2	33.4	50.0

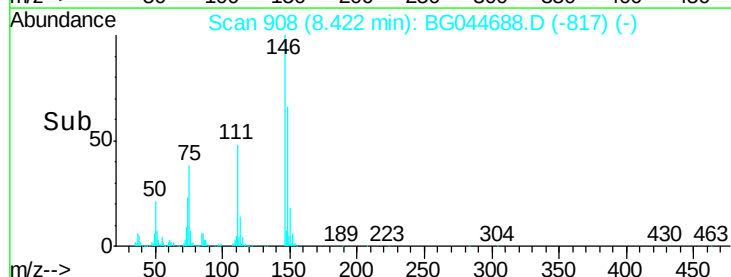
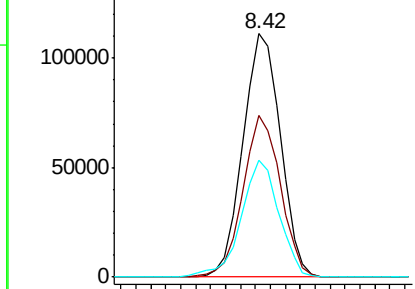


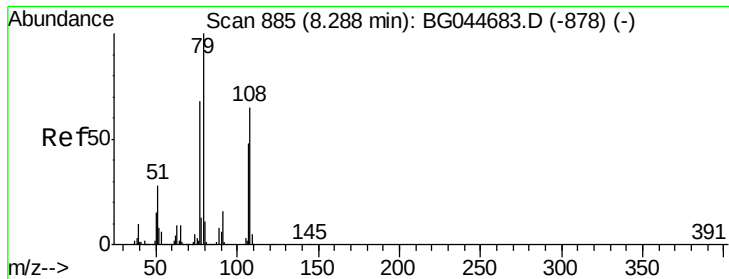
Abundance

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: 37.532 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

ClientSampleId :

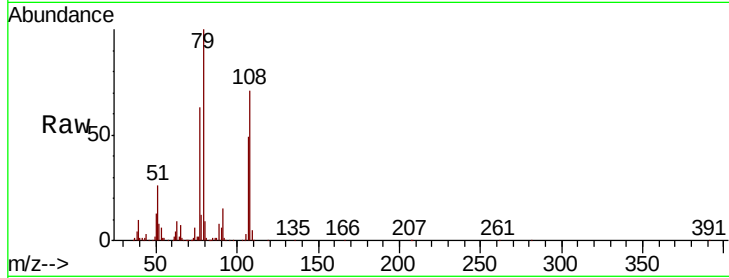
Tot Ion: 79 Resp: 220592

Ion Ratio Lower Upper

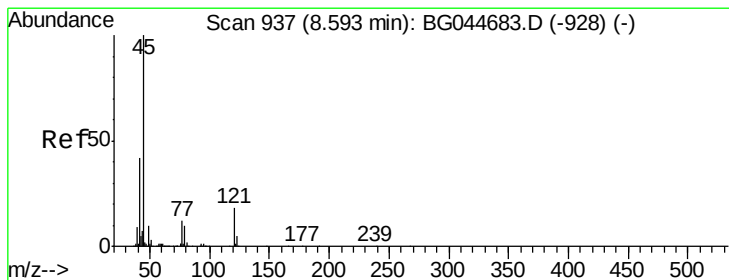
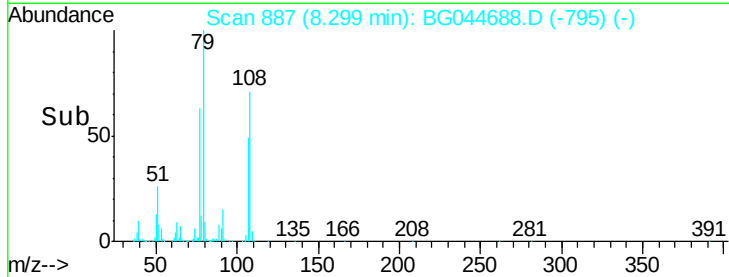
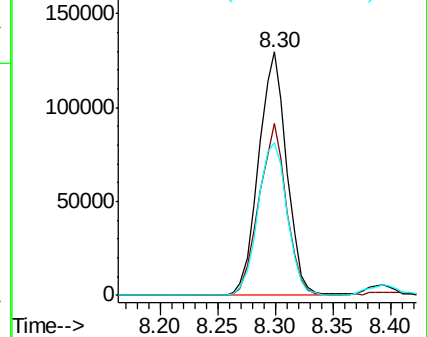
79 100

108 70.6 52.2 78.4

77 62.9 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: 36.087 ng

RT: 8.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

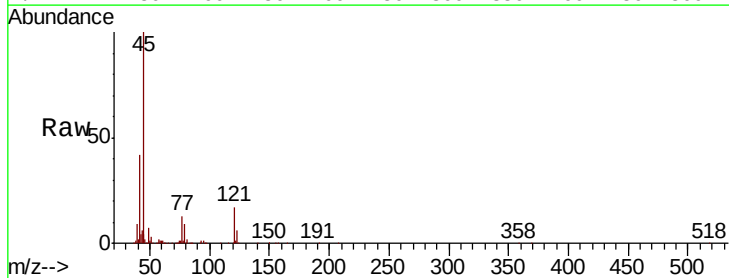
Tgt Ion: 45 Resp: 351579

Ion Ratio Lower Upper

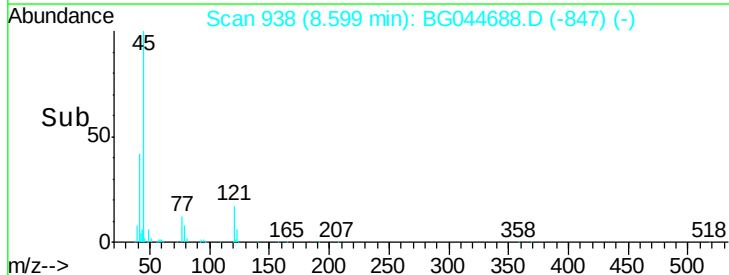
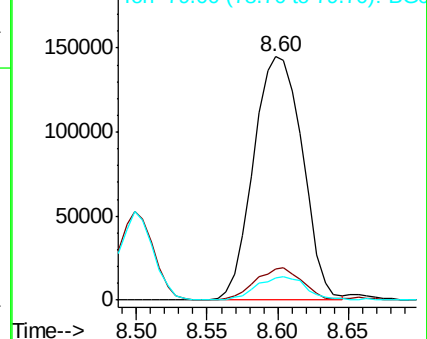
45 100

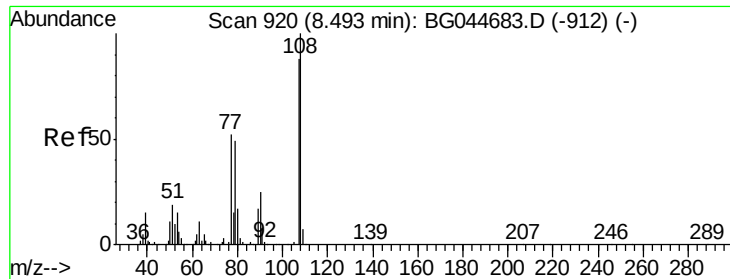
77 13.0 0.0 32.1

79 8.9 0.0 29.9



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

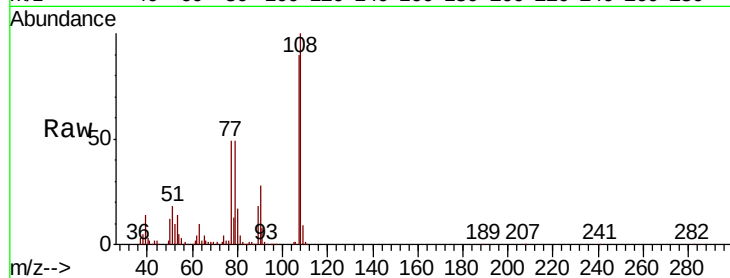




#17
2-Methylphenol
Concen: 36.982 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.1	90.5	135.7
77	54.9	47.3	70.9
79	54.5	44.6	67.0



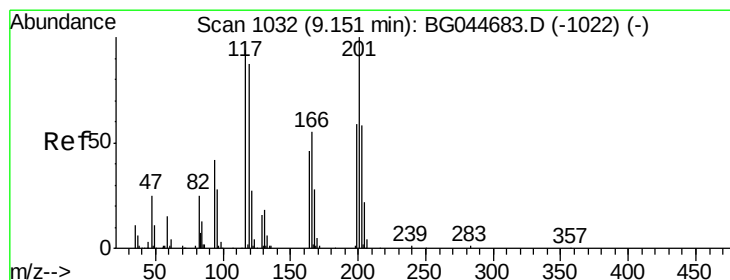
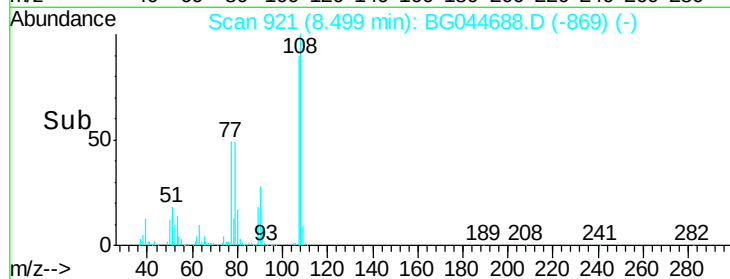
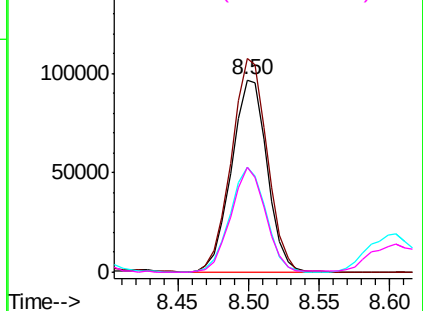
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

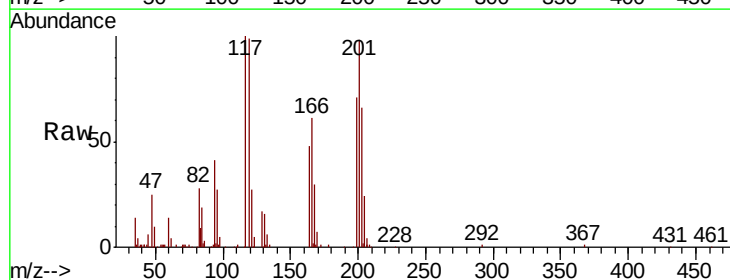
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.631 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	74.5	111.7
201	97.8	85.5	128.3

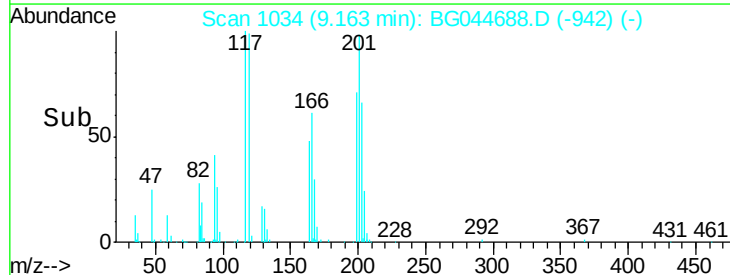
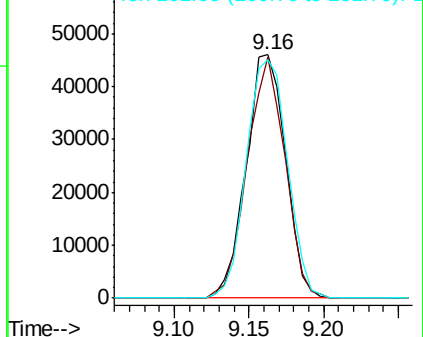


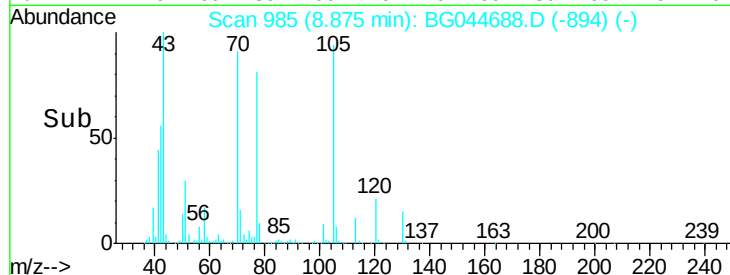
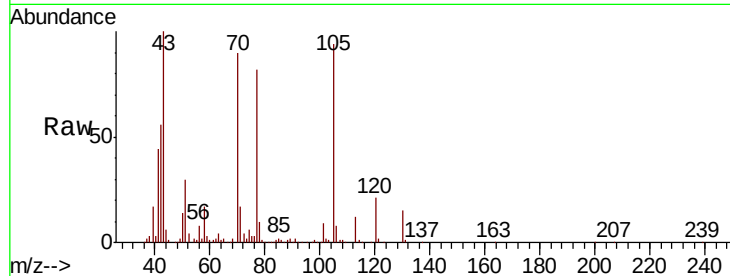
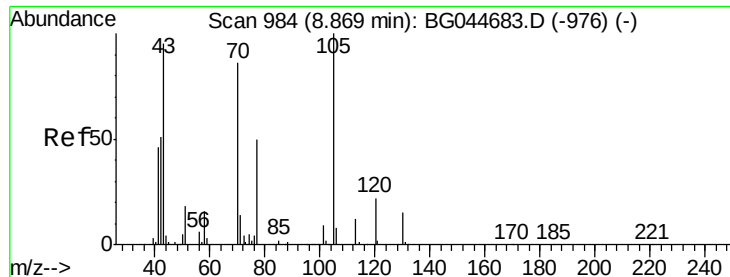
Abundance

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

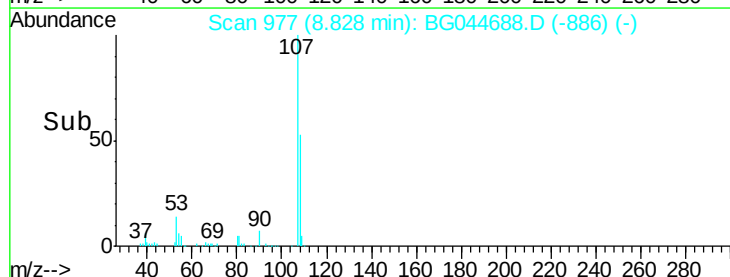
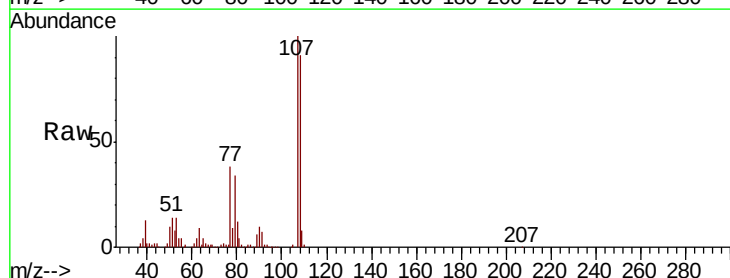
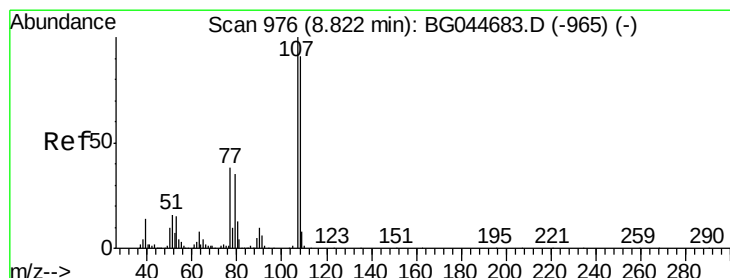
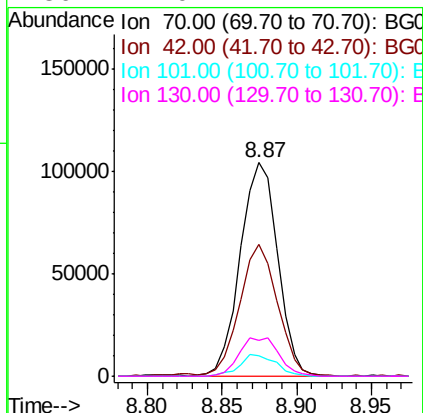




#19
n-Nitroso-di-n-propylamine
Concen: 35.798 ng
RT: 8.87 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

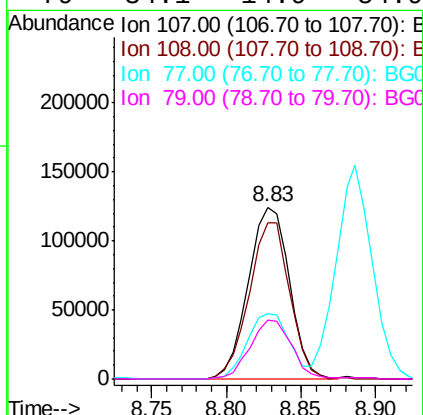
Instrument :
BNA_G
ClientSampleId :

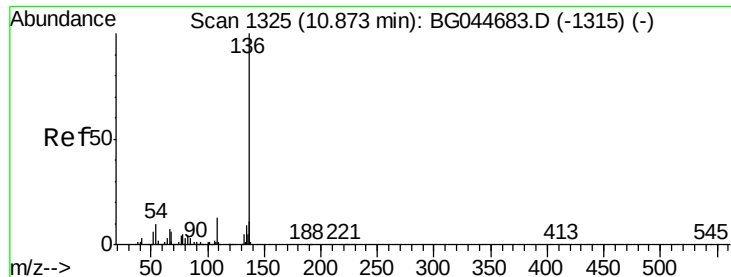
Tot Ion:	70	Resp:	182193
Ion	Ratio	Lower	Upper
70	100		
42	61.6	48.9	73.3
101	9.8	8.0	12.0
130	17.0	14.1	21.1



#20
3+4-Methylphenols
Concen: 37.088 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion:	107	Resp:	237581
Ion	Ratio	Lower	Upper
107	100		
108	90.9	70.8	110.8
77	37.7	17.8	57.8
79	34.1	14.9	54.9

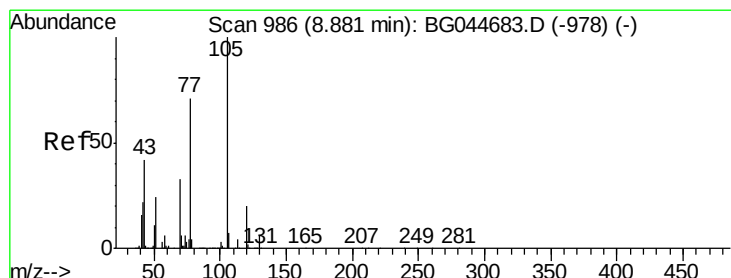
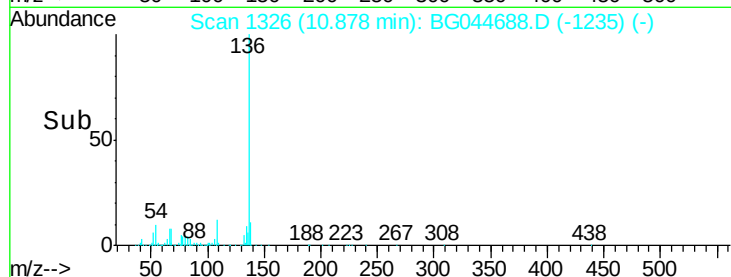
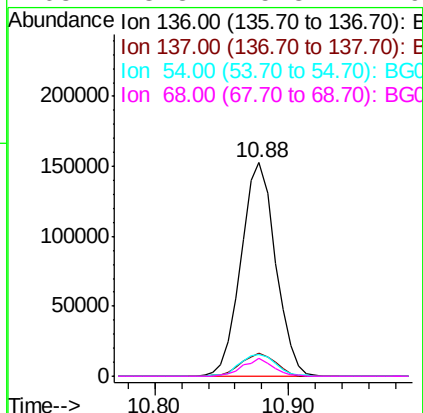
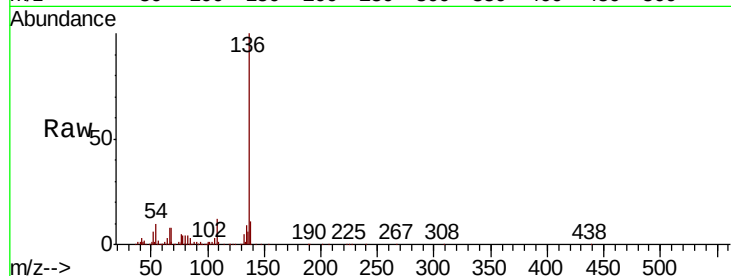




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

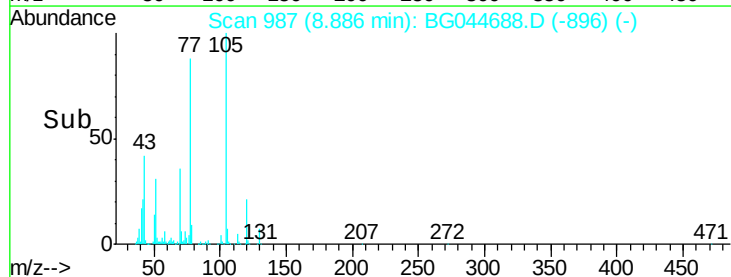
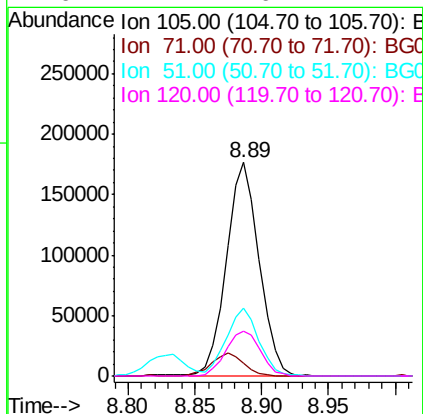
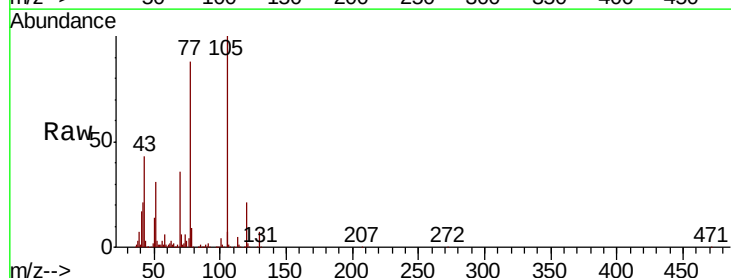
Instrument :
BNA_G
ClientSampleId :

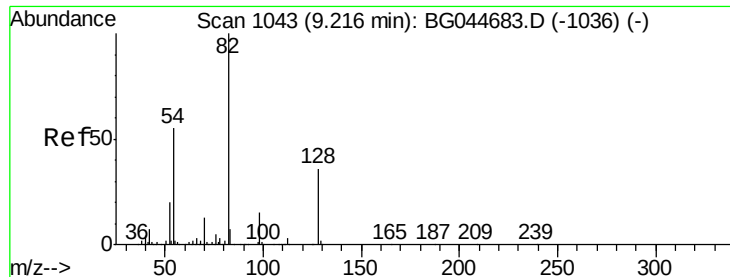
Tot Ion:136	Resp:	273038	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.6	12.8	
54 10.2	8.2	12.4	
68 8.3	5.3	7.9#	



#22
Acetophenone
Concen: 37.883 ng
RT: 8.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt	Ion:105	Resp:	301953
Ion	Ratio	Lower	Upper
105	100		
71	6.2	4.8	7.2
51	31.5	24.0	36.0
120	21.1	16.2	24.2

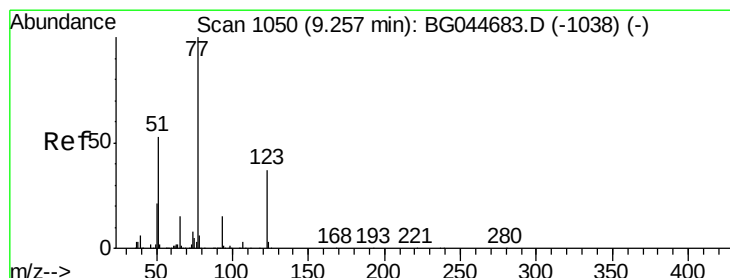
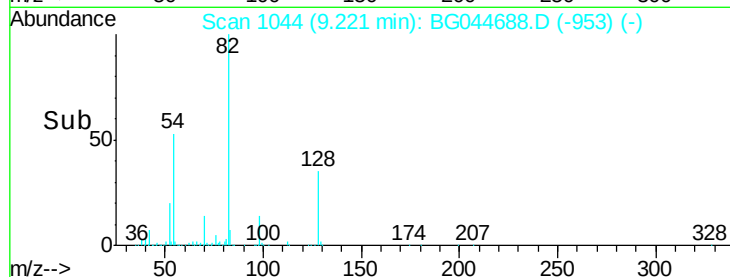
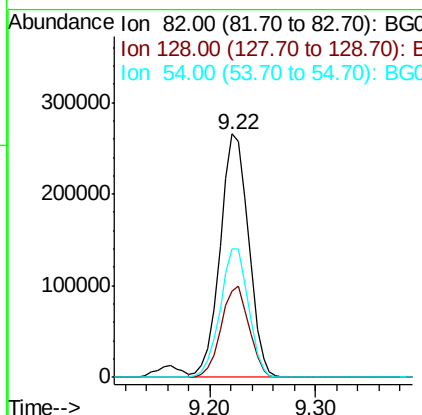
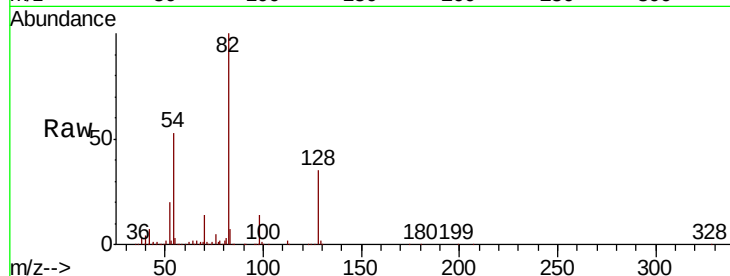




#23
 Nitrobenzene-d5
 Concen: 82.967 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

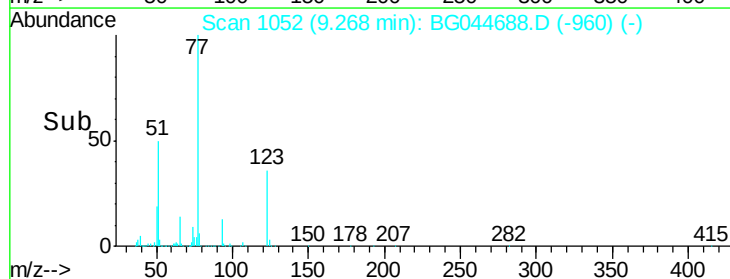
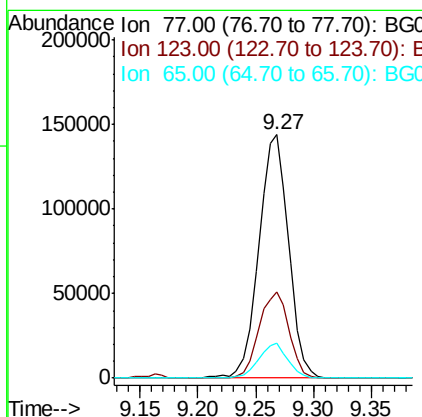
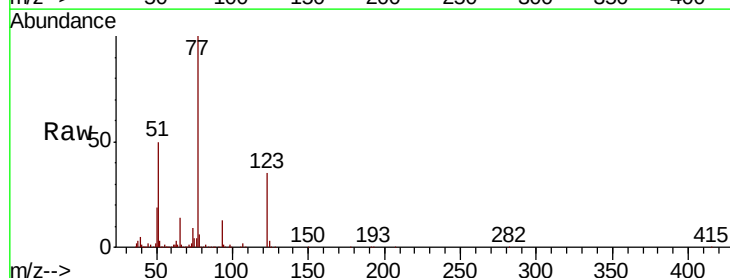
Instrument :
 BNA_G
 ClientSampleId :

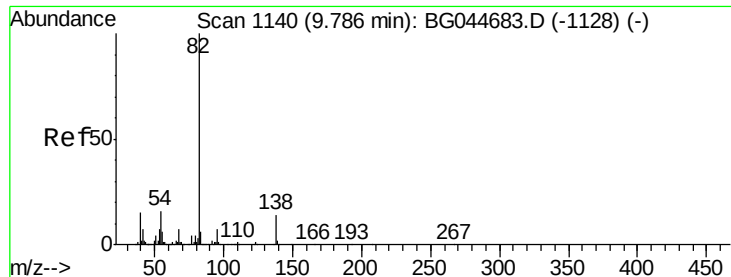
Tot Ion	82	Resp	497533
Ion Ratio	Lower	Upper	
82	100		
128	35.2	28.5	42.7
54	52.8	43.6	65.4



#24
 Nitrobenzene
 Concen: 40.327 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Tgt Ion	77	Resp	256403
Ion Ratio	Lower	Upper	
77	100		
123	35.5	29.7	44.5
65	14.2	11.7	17.5

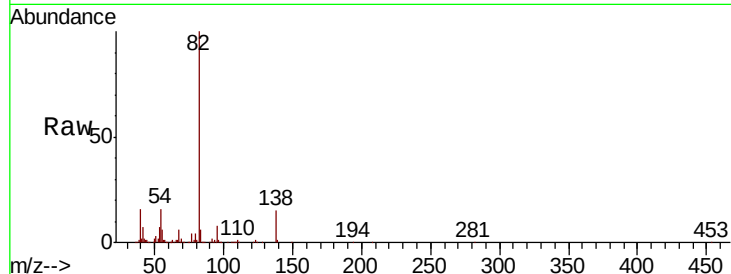




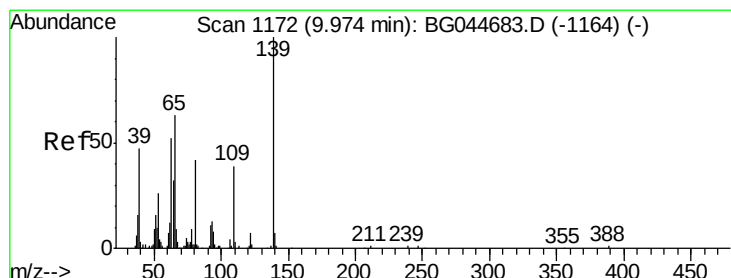
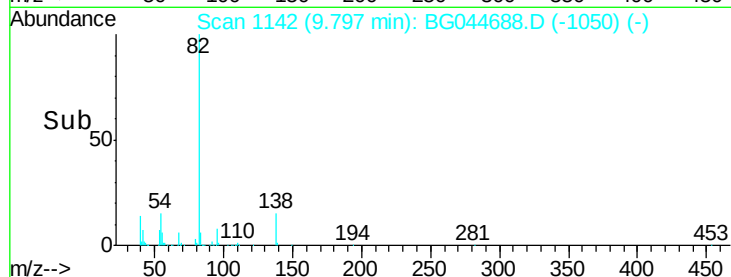
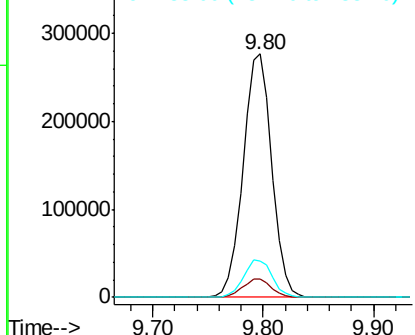
#25
Isophorone
Concen: 38.030 ng
RT: 9.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	502924
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.0	9.0
138	15.1	11.2	16.8

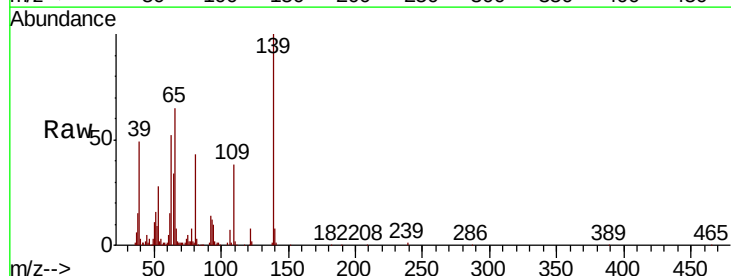


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

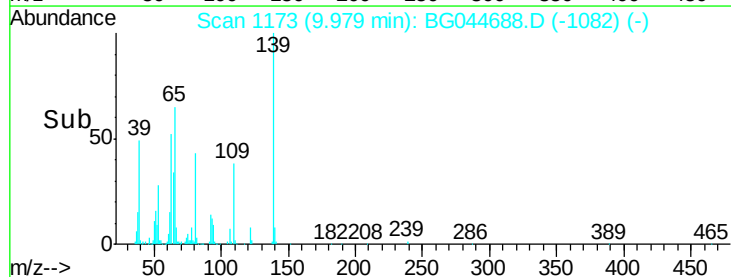
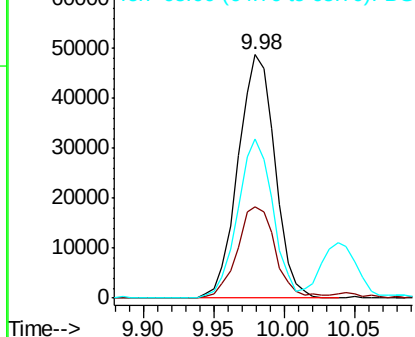


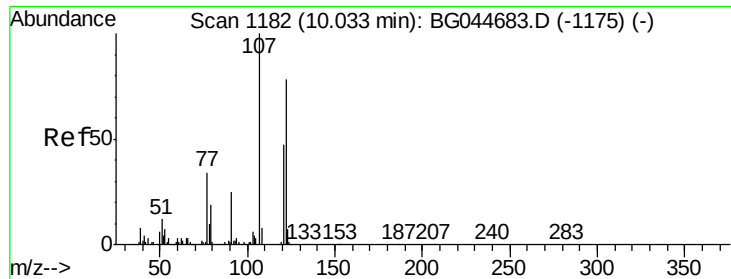
#26
2-Nitrophenol
Concen: 41.227 ng
RT: 9.98 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	139	Resp	88905
Ion Ratio	Lower	Upper	
139	100		
109	37.8	31.1	46.7
65	65.4	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

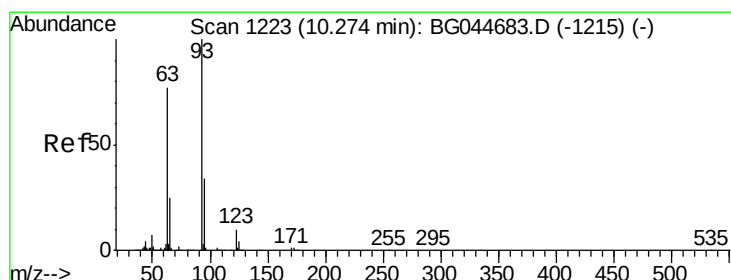
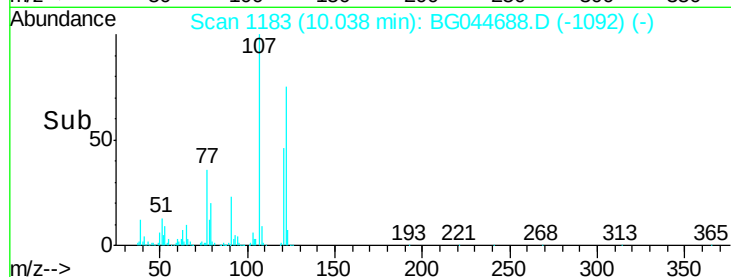
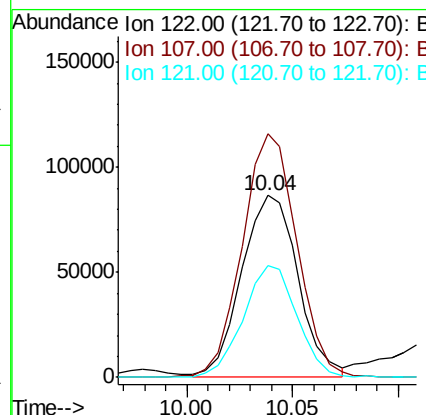
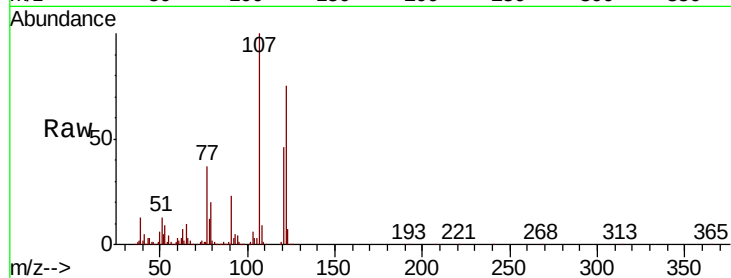




#27
 2,4-Dimethylphenol
 Concen: 38.413 ng
 RT: 10.04 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

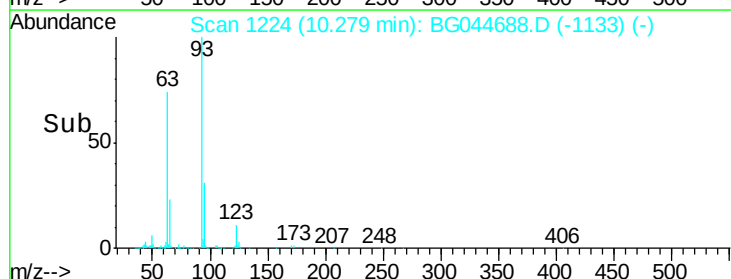
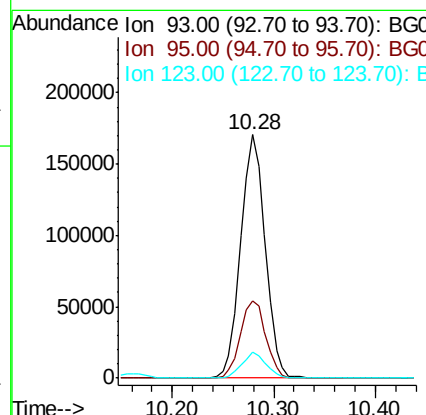
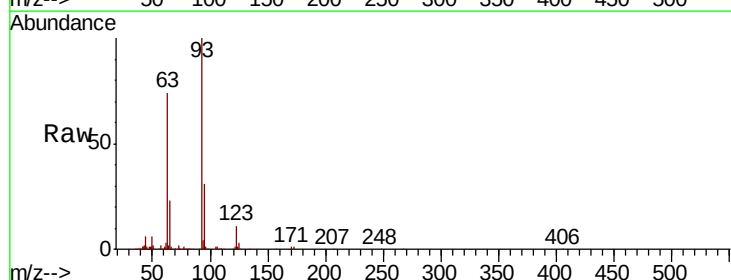
Instrument :
 BNA_G
 ClientSampleId :

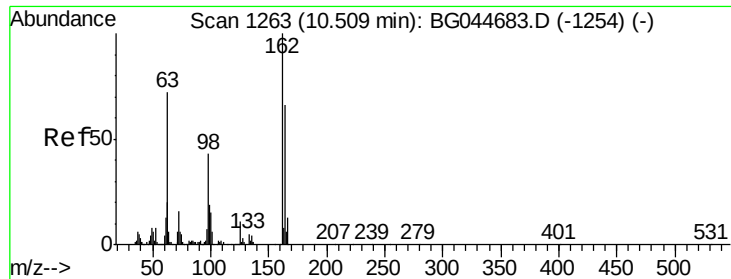
Tot Ion	Ratio	Lower	Upper
122	100		
107	133.8	101.7	152.5
121	61.2	47.5	71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.498 ng
 RT: 10.28 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	27.0	40.6
123	10.5	8.3	12.5

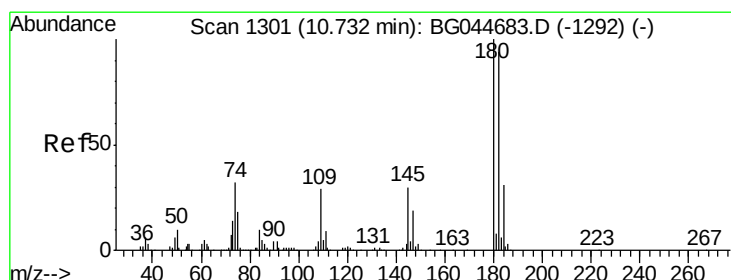
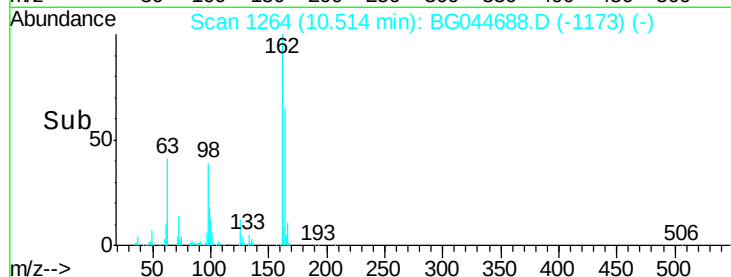
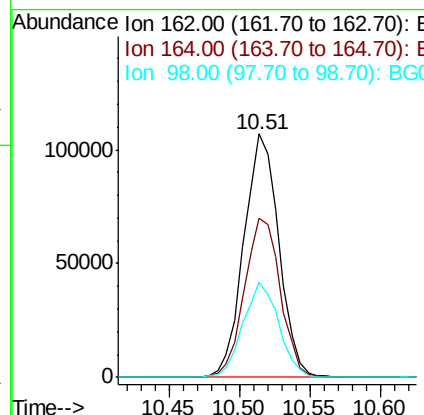
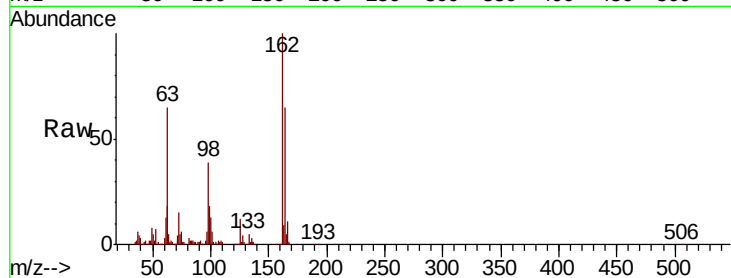




#29
2,4-Dichlorophenol
Concen: 39.314 ng
RT: 10.51 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

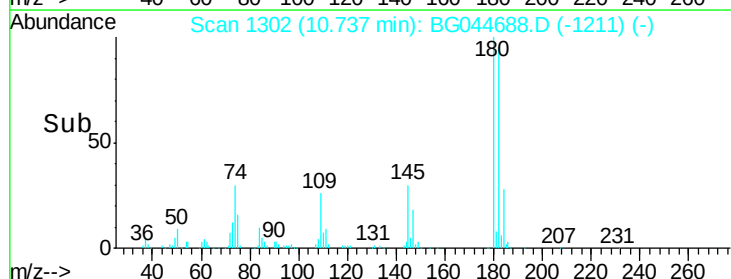
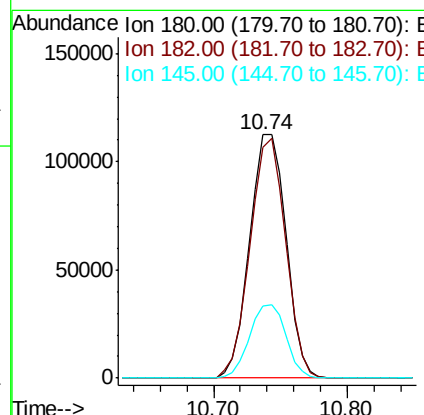
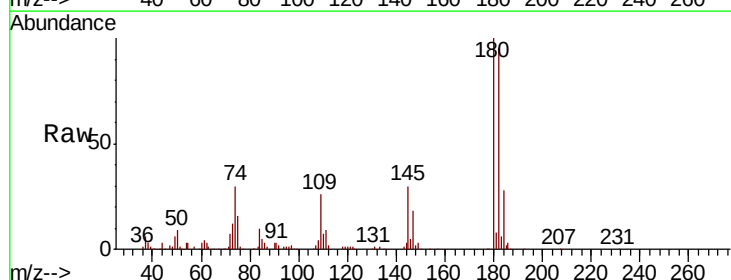
Instrument :
BNA_G
ClientSampleId :

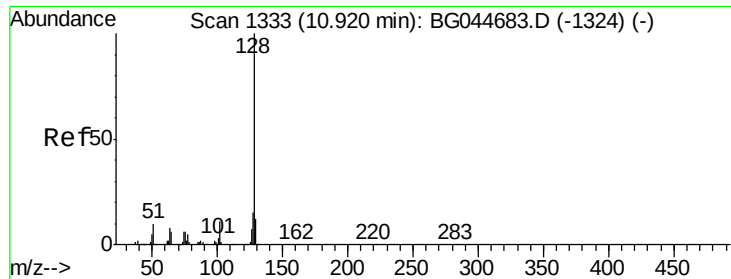
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	46.1	86.1
98	39.0	22.8	62.8



#30
1,2,4-Trichlorobenzene
Concen: 38.670 ng
RT: 10.74 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.1	112.7
145	29.7	23.8	35.8

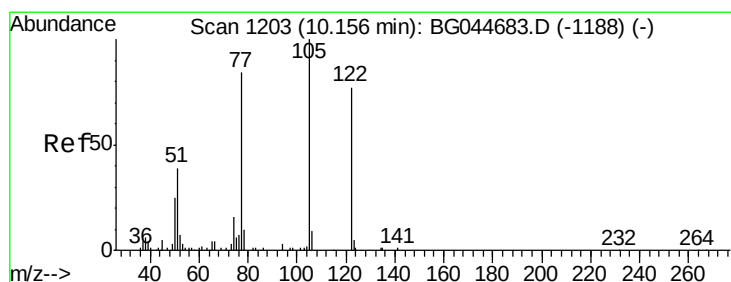
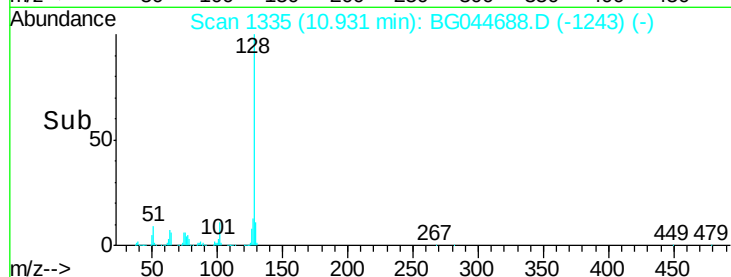
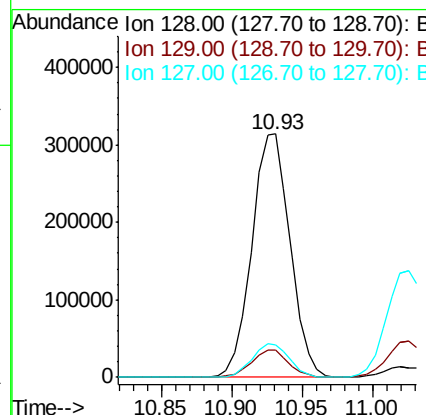
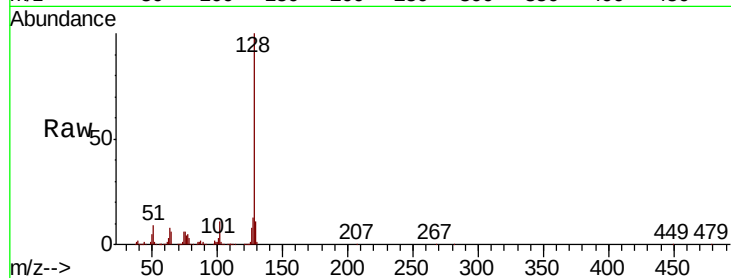




#31
Naphthalene
Concen: 38.893 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

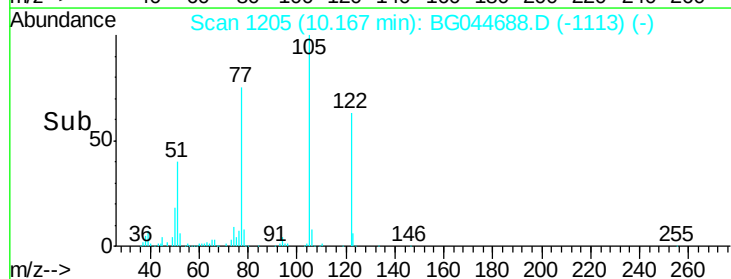
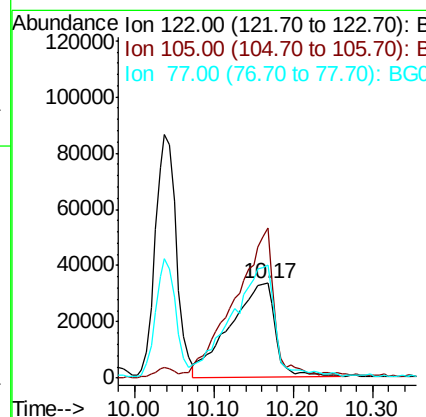
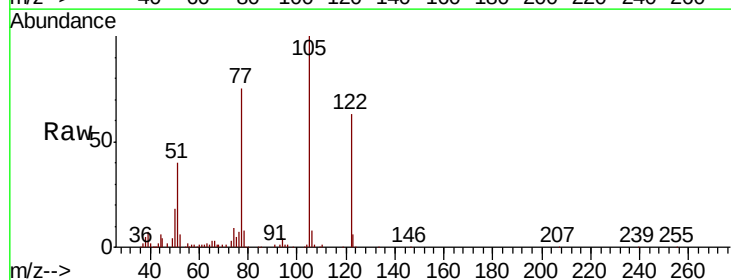
Instrument :
BNA_G
ClientSampleId :

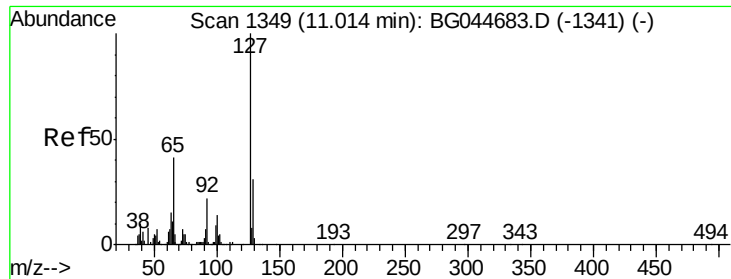
Tot Ion:128 Resp: 595951
Ion Ratio Lower Upper
128 100
129 11.0 9.7 14.5
127 13.4 11.6 17.4



#32
Benzoic acid
Concen: 41.846 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion:122 Resp: 130806
Ion Ratio Lower Upper
122 100
105 158.3 105.1 145.1#
77 118.9 87.7 127.7

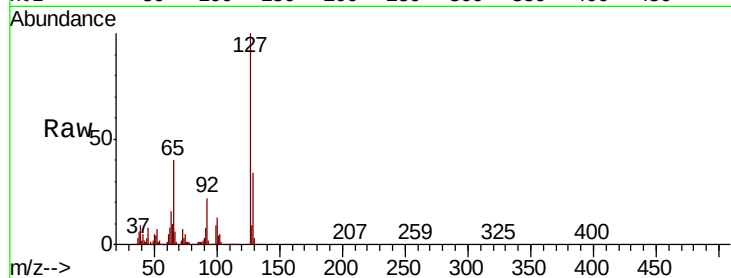




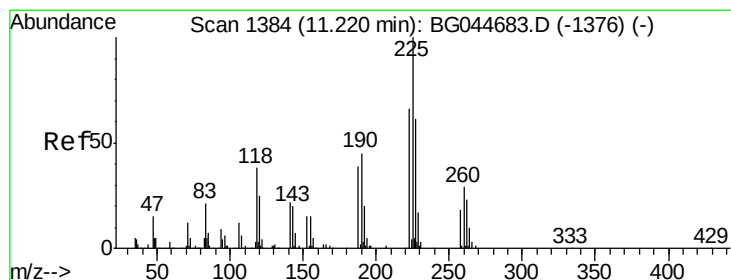
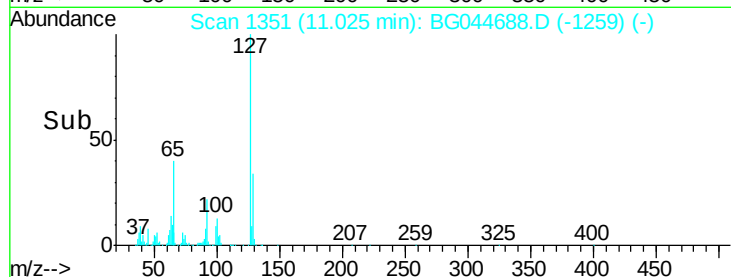
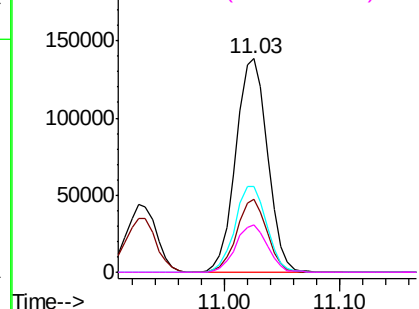
#33
4-Chloroaniline
Concen: 37.308 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	263302	
Ion Ratio	Lower	Upper	
127 100			
129 34.2	25.0	37.4	
65 40.2	32.7	49.1	
92 22.4	17.3	25.9	

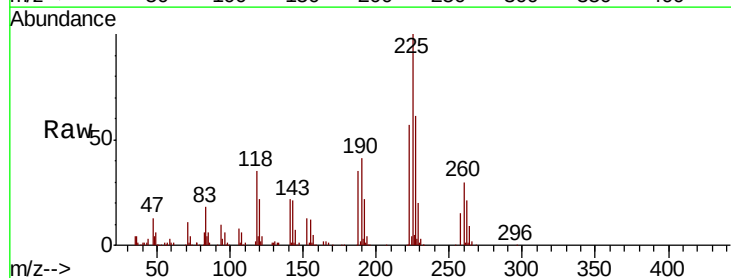


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

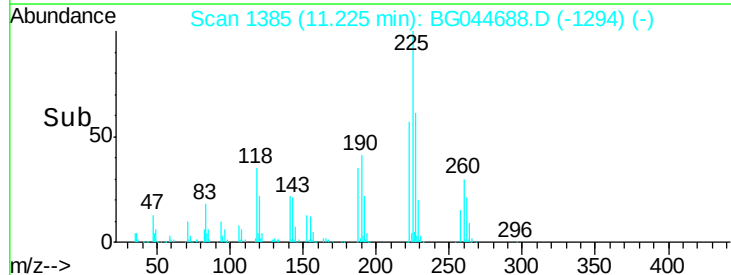
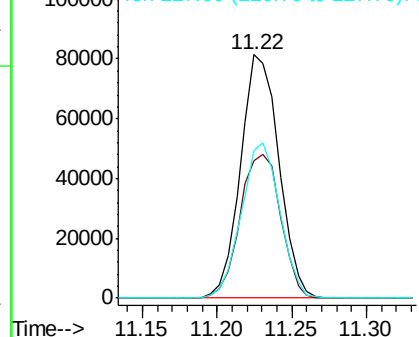


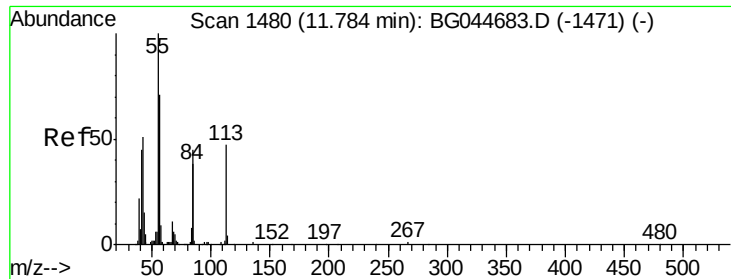
#34
Hexachlorobutadiene
Concen: 38.734 ng
RT: 11.22 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt	Ion:225	Resp:	145116
Ion	Ratio	Lower	Upper
225	100		
223	56.7	52.4	78.6
227	60.5	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

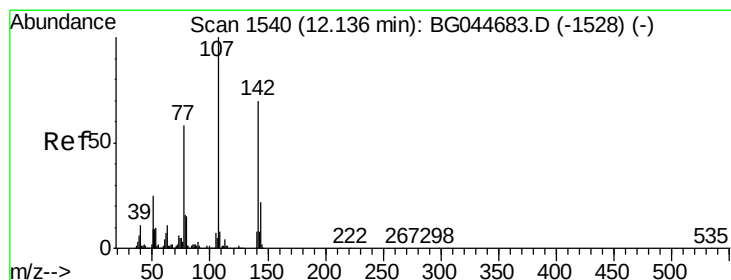
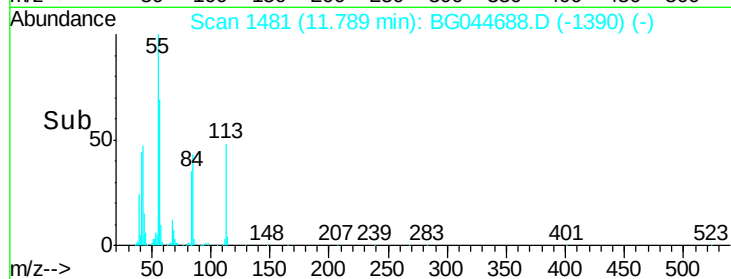
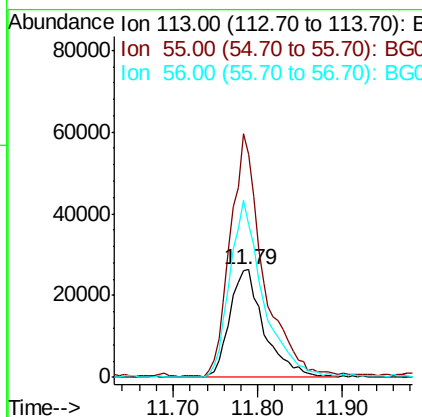
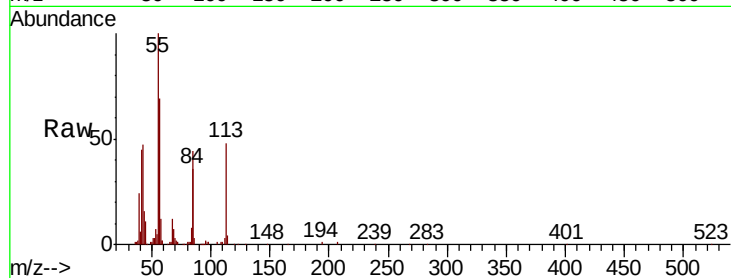




#35
 Caprolactam
 Concen: 37.774 ng
 RT: 11.79 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

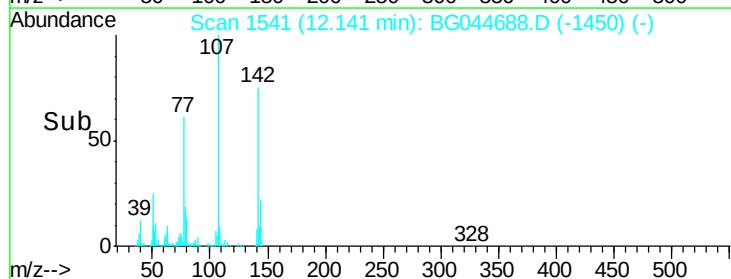
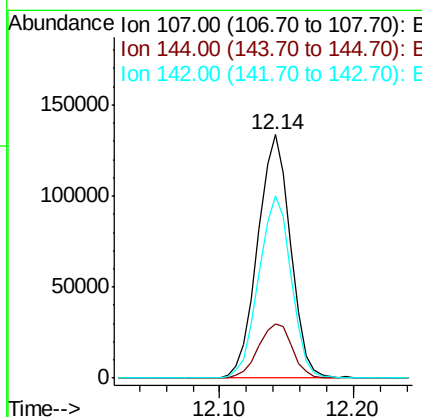
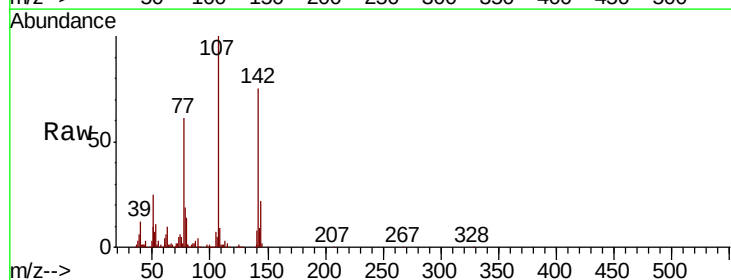
Instrument :
 BNA_G
 ClientSampleId :

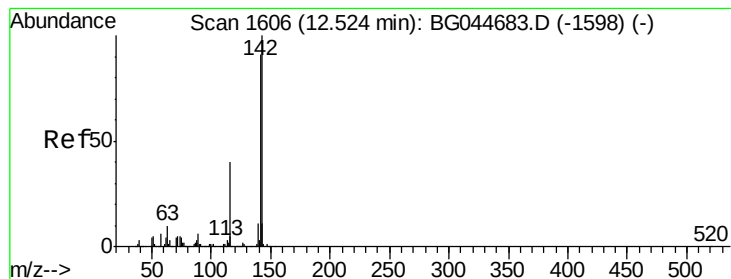
Tot Ion:113 Resp: 74438
 Ion Ratio Lower Upper
 113 100
 55 207.8 194.3 234.3
 56 142.3 131.4 171.4



#36
 4-Chloro-3-methylphenol
 Concen: 37.995 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Tgt Ion:107 Resp: 227150
 Ion Ratio Lower Upper
 107 100
 144 22.4 17.9 26.9
 142 75.0 55.8 83.8





#37

2-Methylnaphthalene

Concen: 38.023 ng

RT: 12.53 min Scan# 1607

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

ClientSampleId :

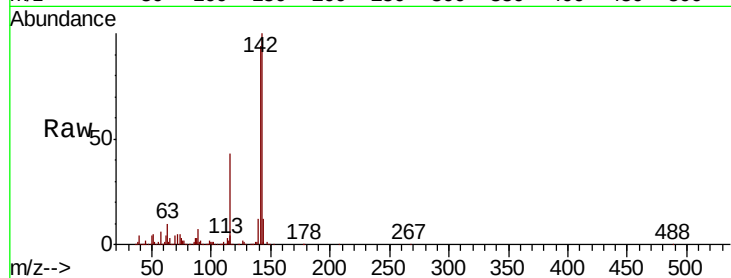
Tot Ion:142 Resp: 439665

Ion Ratio Lower Upper

142 100

141 93.5 72.9 109.3

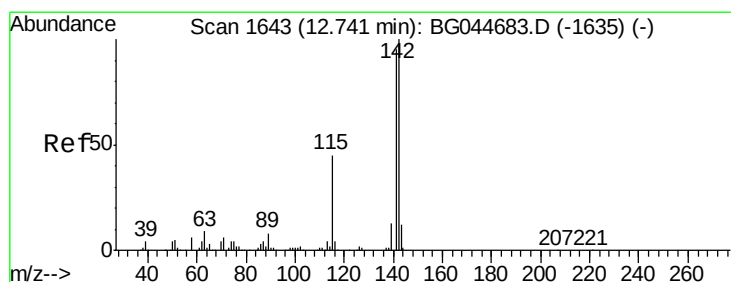
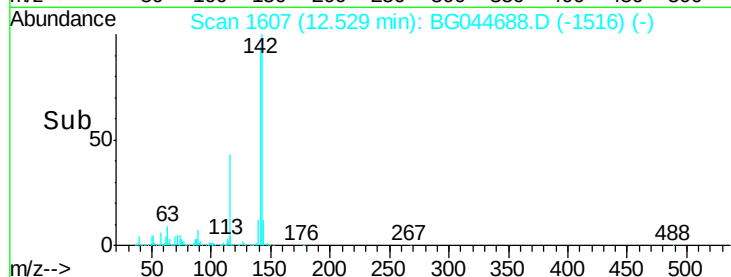
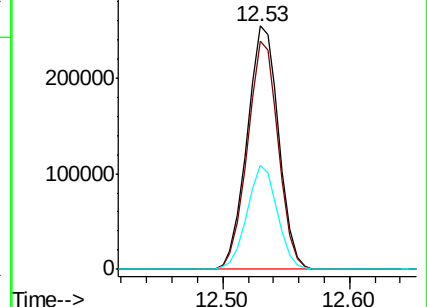
115 42.6 32.3 48.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.959 ng

RT: 12.75 min Scan# 1644

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

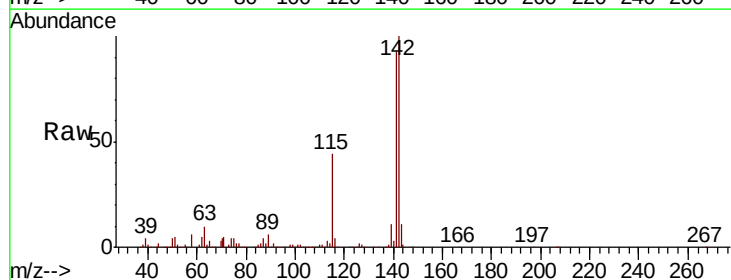
Tgt Ion:142 Resp: 414929

Ion Ratio Lower Upper

142 100

141 93.4 76.2 114.2

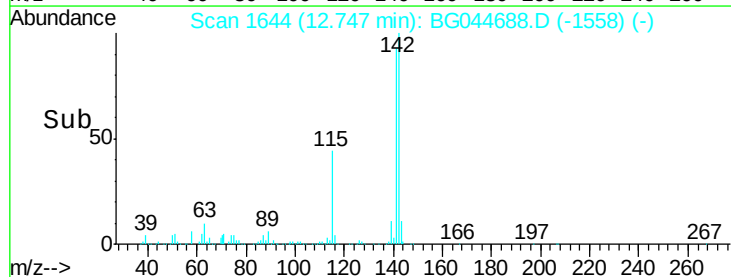
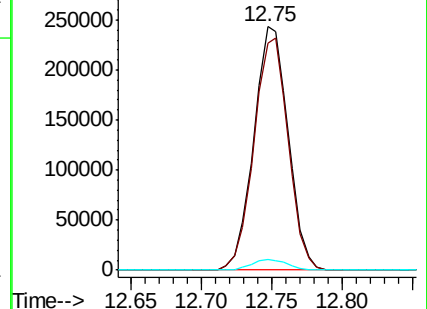
116 4.3 3.4 5.0

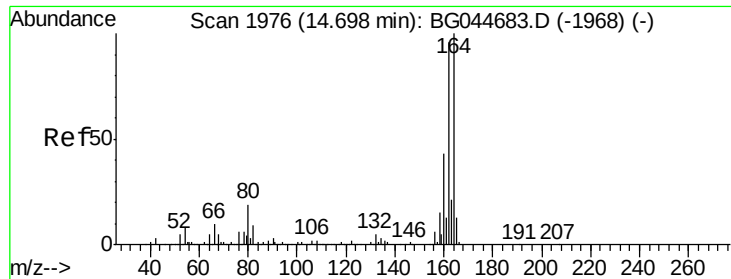


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1977

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

ClientSampleId :

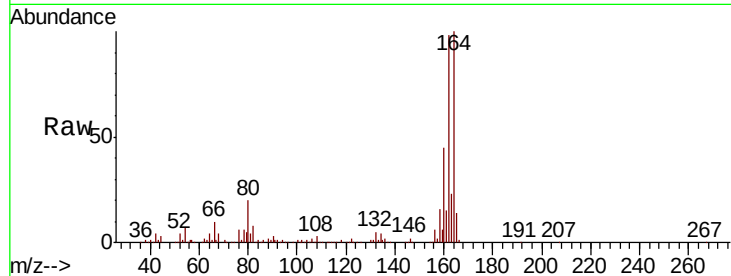
Tot Ion:164 Resp: 196490

Ion Ratio Lower Upper

164 100

162 98.0 76.5 114.7

160 44.9 34.8 52.2

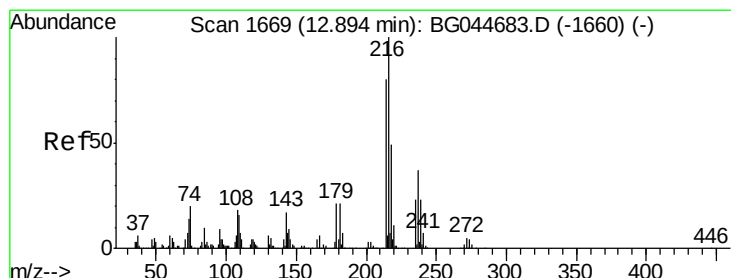
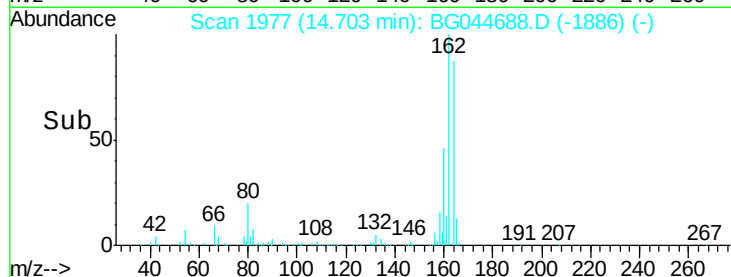
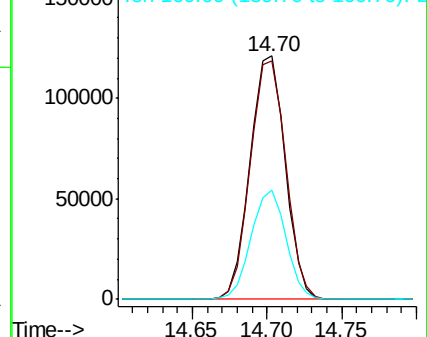


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.790 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Tgt Ion:216 Resp: 241055

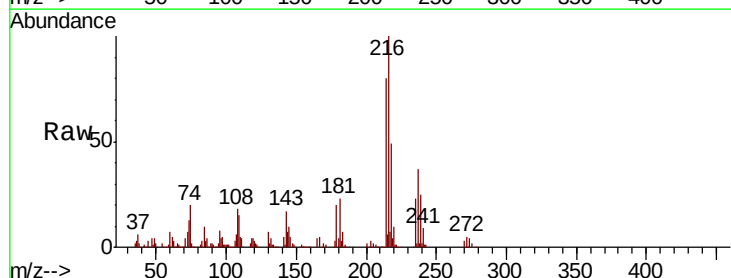
Ion Ratio Lower Upper

216 100

214 78.6 64.5 96.7

179 20.5 16.7 25.1

108 20.2 15.8 23.6



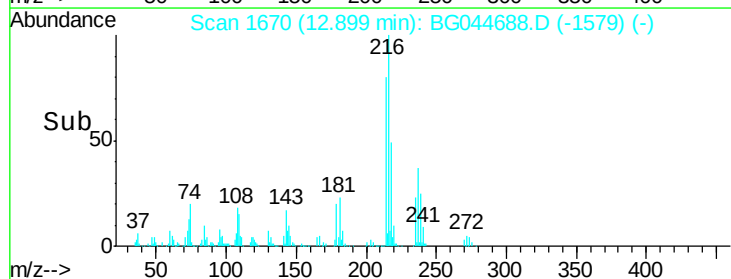
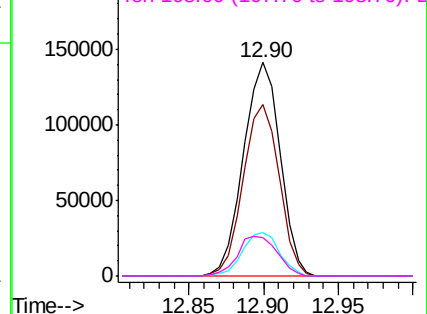
Abundance

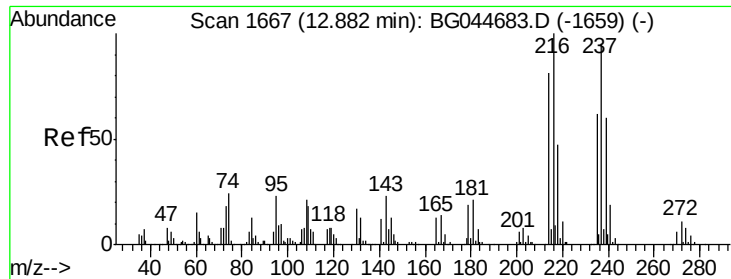
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 36.548 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

ClientSampleId :

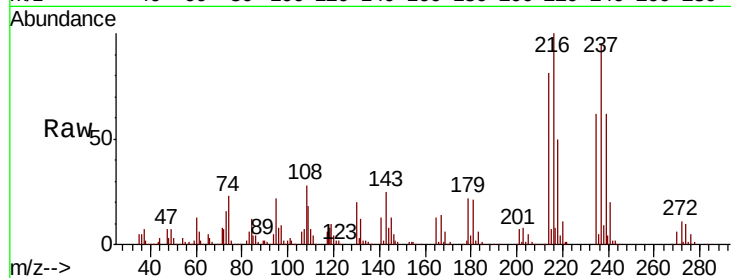
Tot Ion:237 Resp: 136323

Ion Ratio Lower Upper

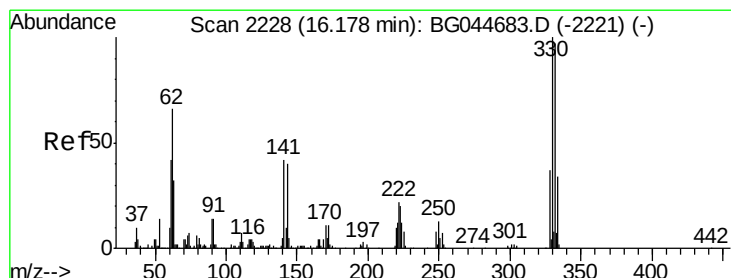
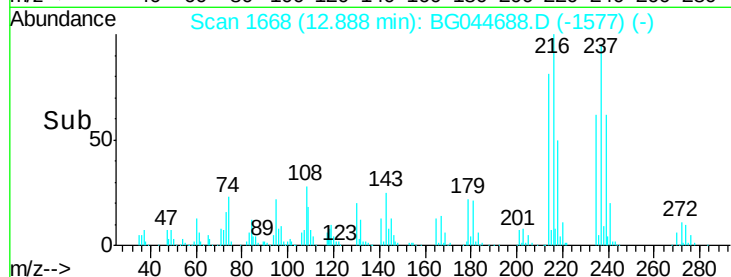
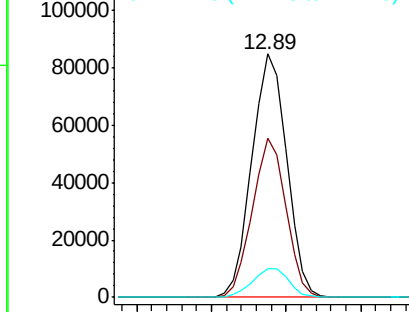
237 100

235 65.3 44.7 84.7

272 11.8 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: 76.650 ng

RT: 16.18 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

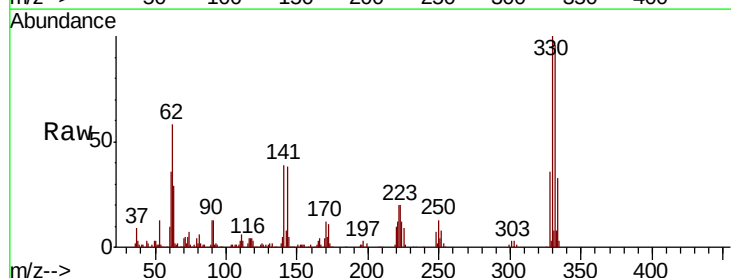
Tgt Ion:330 Resp: 206885

Ion Ratio Lower Upper

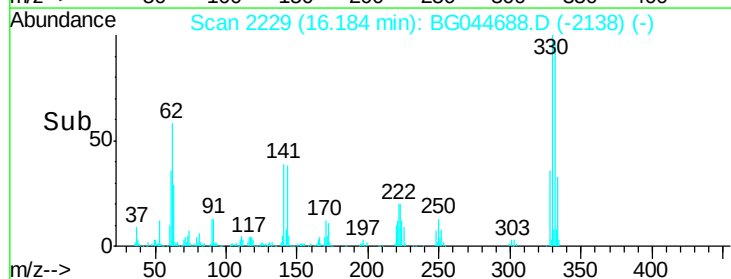
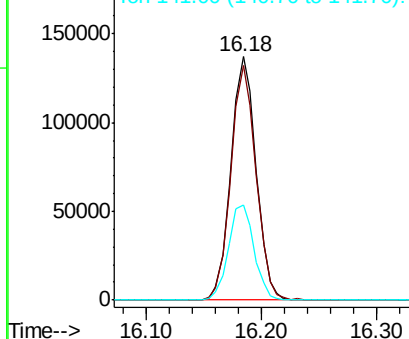
330 100

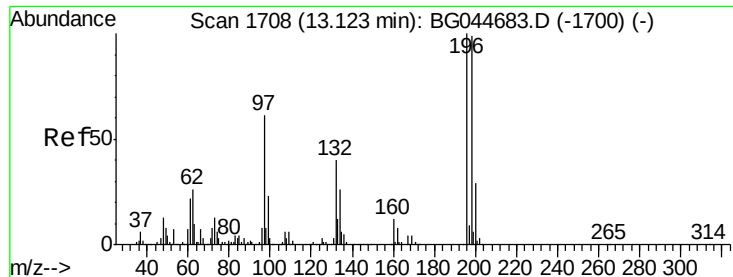
332 96.2 77.0 115.6

141 40.1 32.4 48.6



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

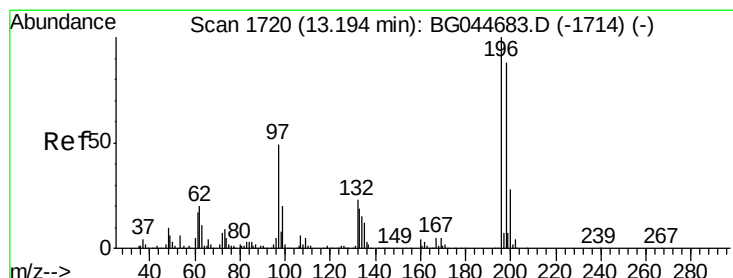
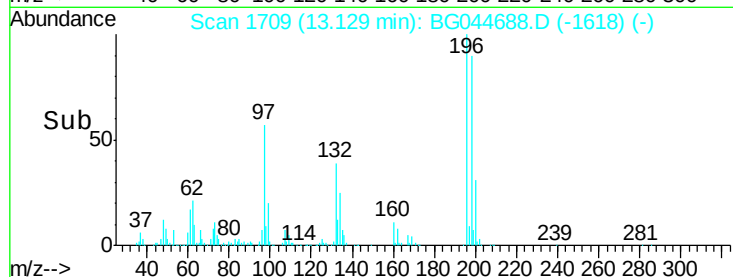
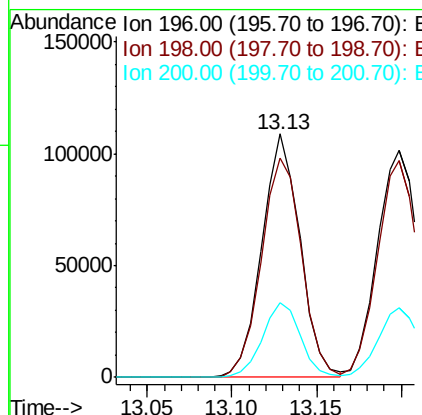
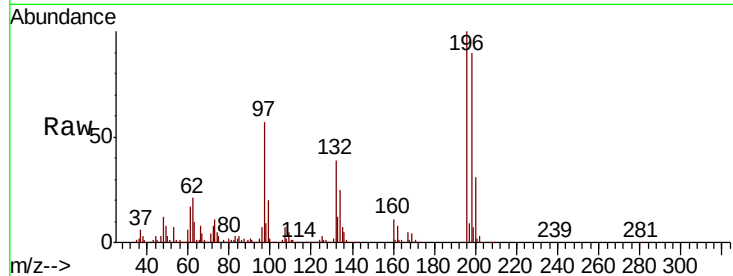




#43
2,4,6-Trichlorophenol
Concen: 38.641 ng
RT: 13.13 min Scan# 1709
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

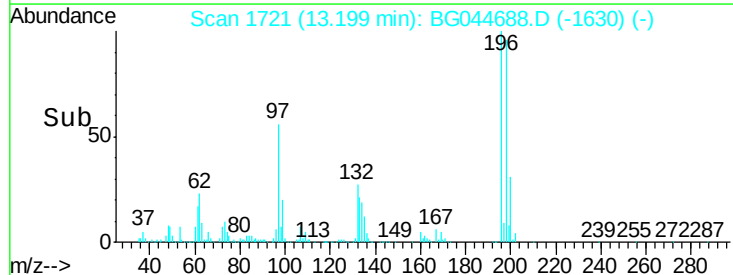
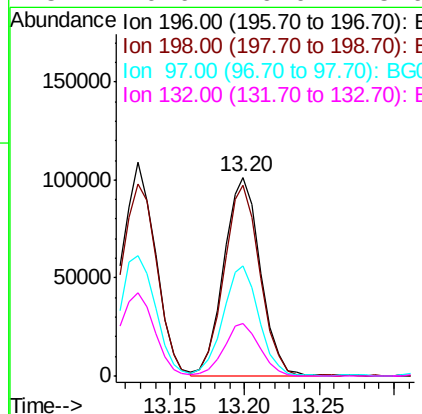
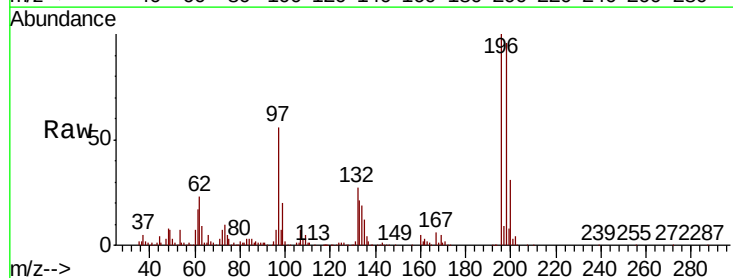
Instrument :
BNA_G
ClientSampled :

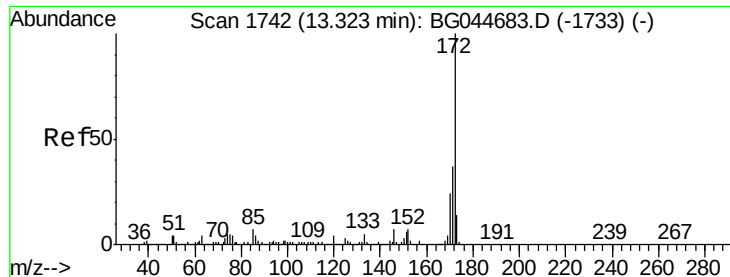
Tot Ion:196 Resp: 170872
Ion Ratio Lower Upper
196 100
198 90.1 79.3 118.9
200 30.6 23.0 34.6



#44
2,4,5-Trichlorophenol
Concen: 38.126 ng
RT: 13.20 min Scan# 1721
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion:196 Resp: 172903
Ion Ratio Lower Upper
196 100
198 95.7 70.7 106.1
97 55.6 39.4 59.2
132 26.6 19.0 28.6

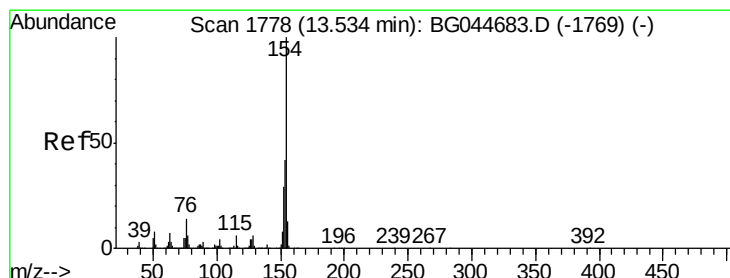
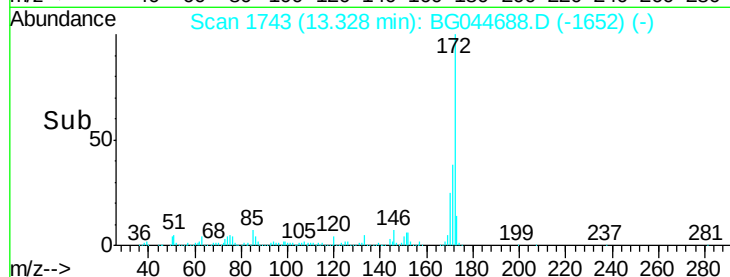
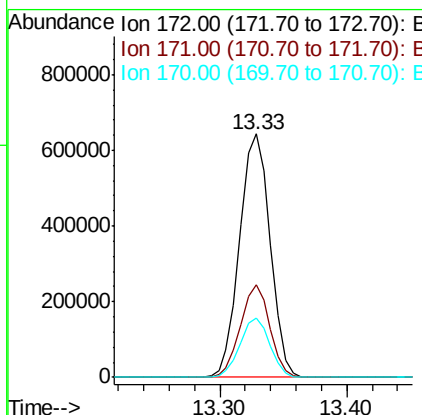
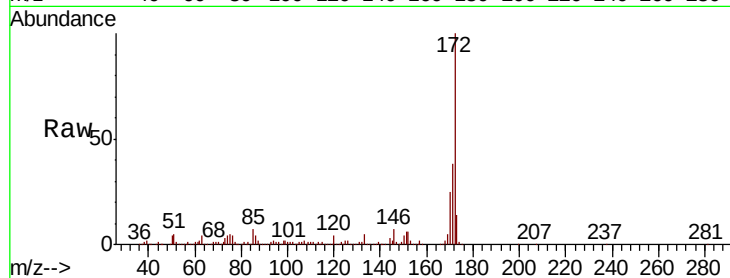




#45
2-Fluorobiphenyl
Concen: 76.055 ng
RT: 13.33 min Scan# 1743
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

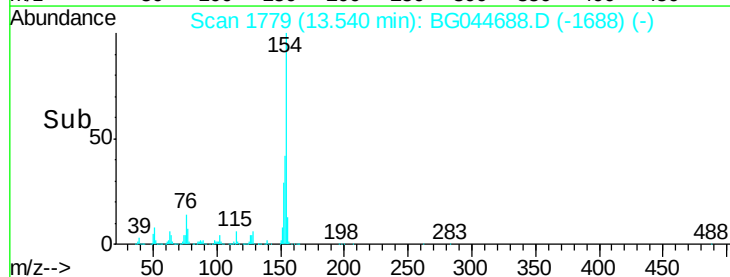
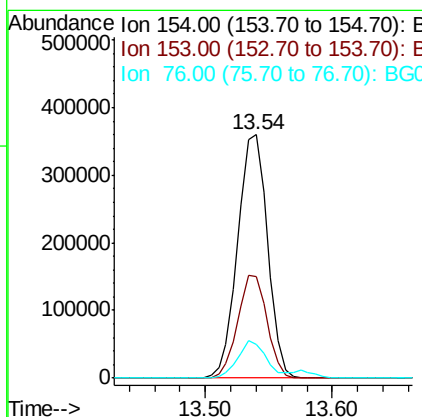
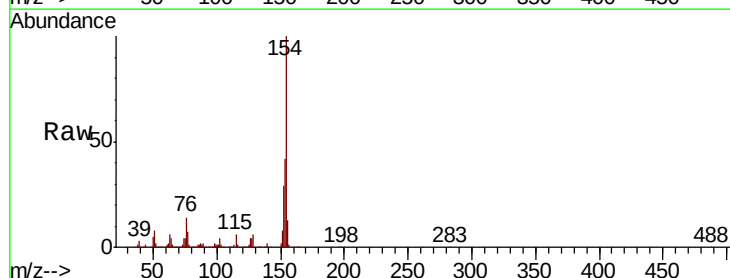
Instrument :
BNA_G
ClientSampled :

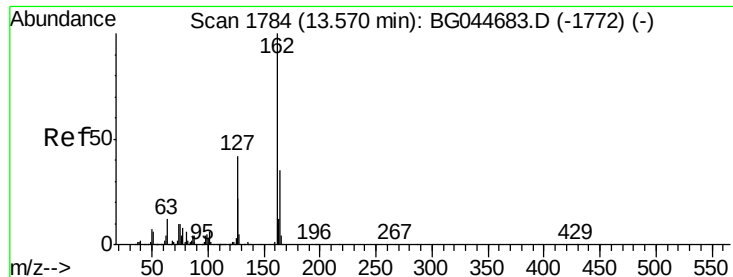
Tot Ion:172 Resp: 1072787
Ion Ratio Lower Upper
172 100
171 37.9 29.8 44.8
170 24.5 19.3 28.9



#46
1,1'-Biphenyl
Concen: 37.503 ng
RT: 13.54 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion:154 Resp: 586105
Ion Ratio Lower Upper
154 100
153 42.0 22.1 62.1
76 13.7 0.0 34.5

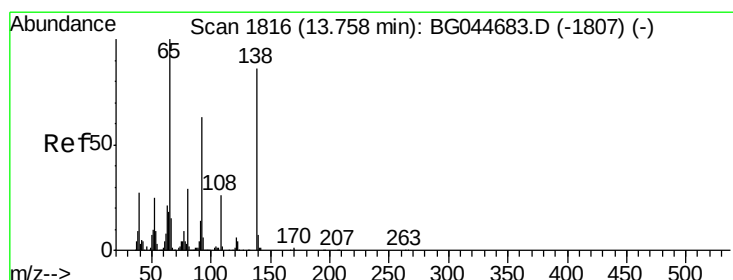
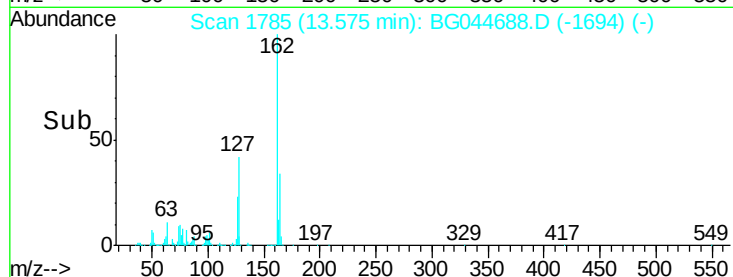
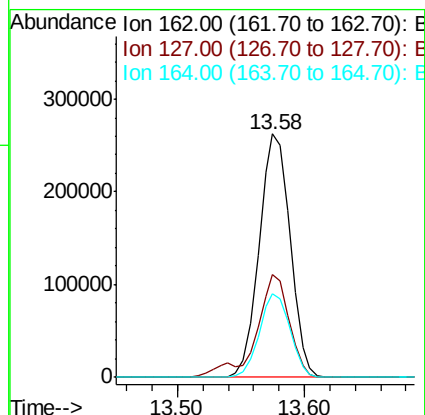
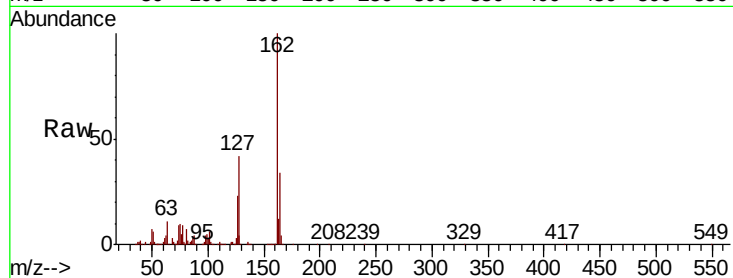




#47
 2-Chloronaphthalene
 Concen: 37.415 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

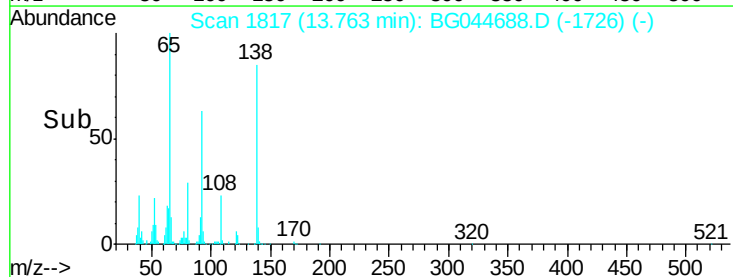
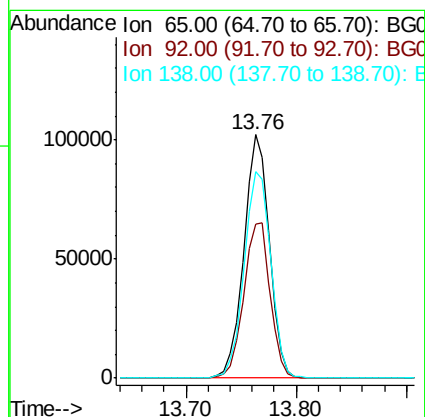
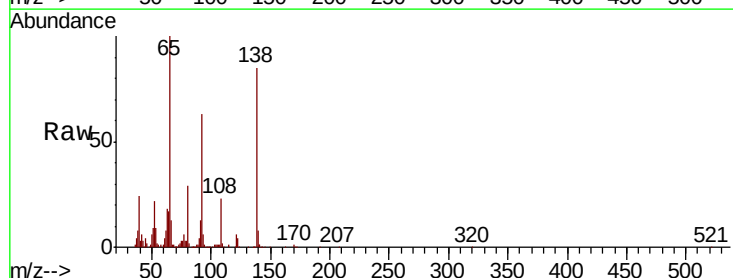
Instrument :
 BNA_G
 ClientSampleId :

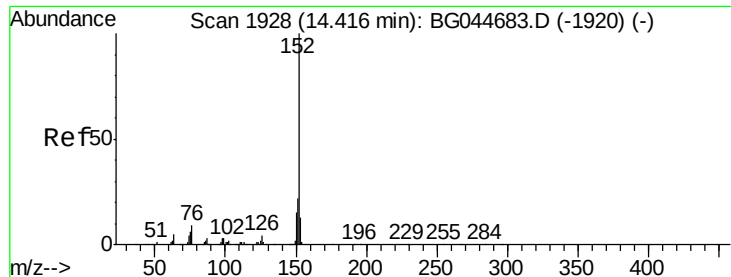
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.4	33.9	50.9
164	34.5	28.3	42.5



#48
 2-Nitroaniline
 Concen: 39.551 ng
 RT: 13.76 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.2	50.6	75.8
138	84.7	68.8	103.2





#49

Acenaphthylene

Concen: 37.688 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

ClientSampleId :

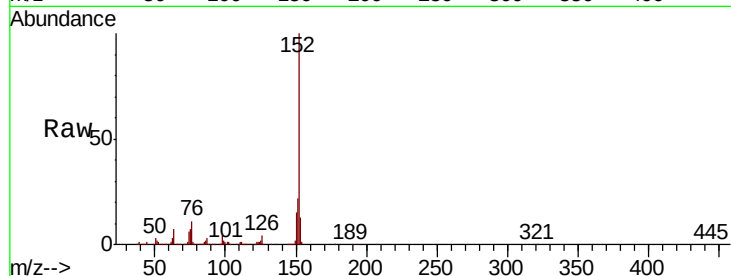
Tot Ion:152 Resp: 719796

Ion Ratio Lower Upper

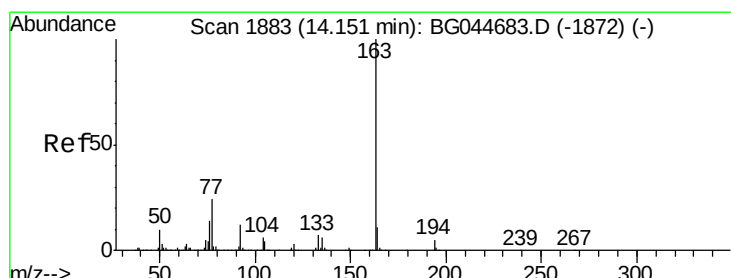
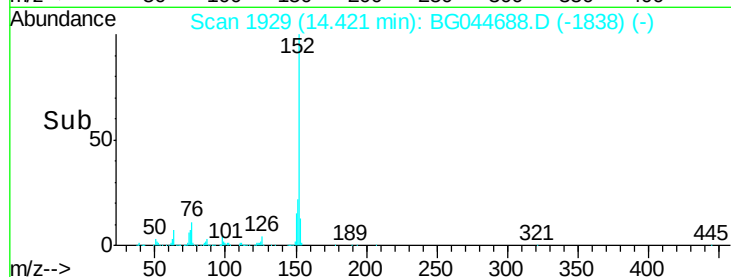
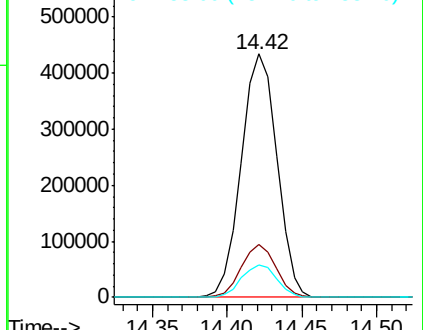
152 100

151 21.8 17.6 26.4

153 13.3 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.968 ng

RT: 14.16 min Scan# 1884

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

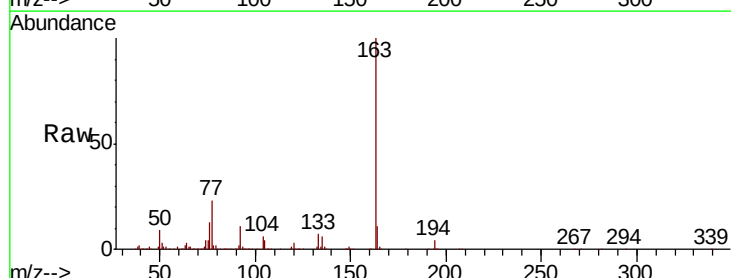
Tgt Ion:163 Resp: 620211

Ion Ratio Lower Upper

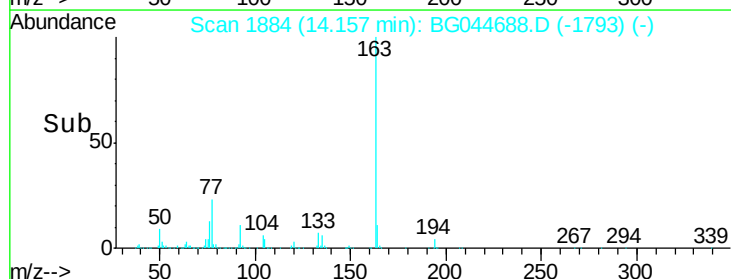
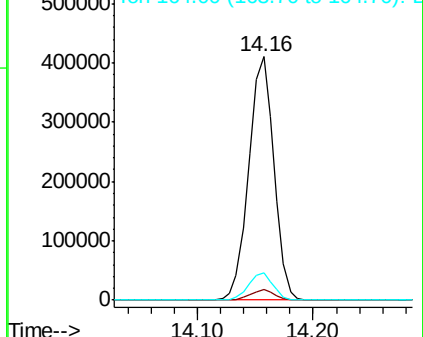
163 100

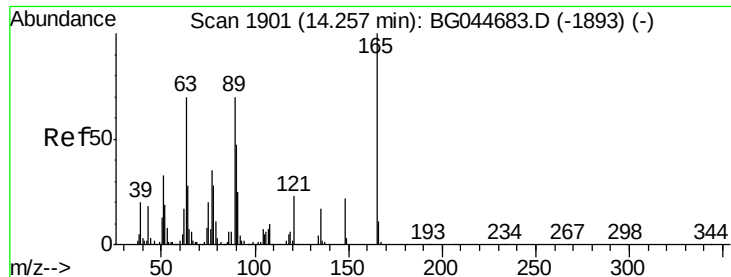
194 4.2 3.7 5.5

164 11.2 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: 41.756 ng

RT: 14.26 min Scan# 1902

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

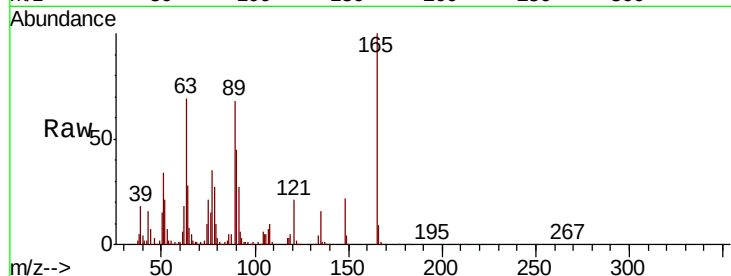
ClientSampled :

Tot Ion:165 Resp: 122565

Ion	Ratio	Lower	Upper
165	100		
63	69.3	57.4	86.0
89	67.9	56.2	84.2

63 69.3 57.4 86.0

89 67.9 56.2 84.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

100000

80000

60000

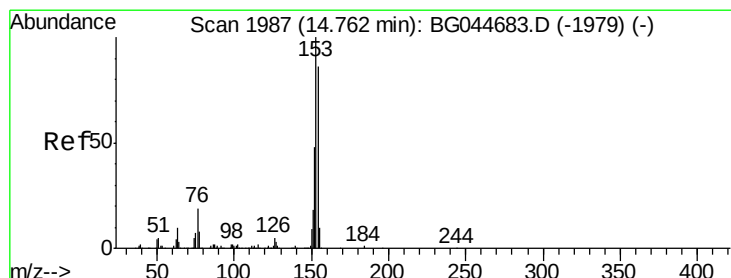
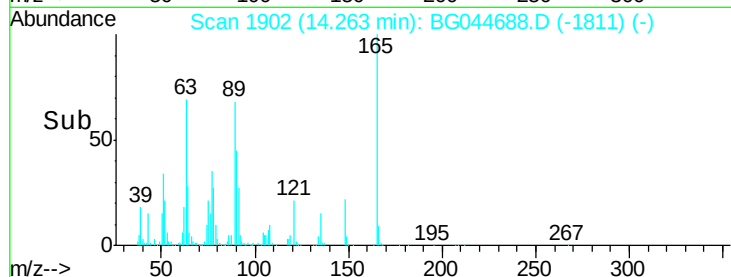
40000

20000

0

14.20 14.25 14.30

Time-->



#52

Acenaphthene

Concen: 38.031 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

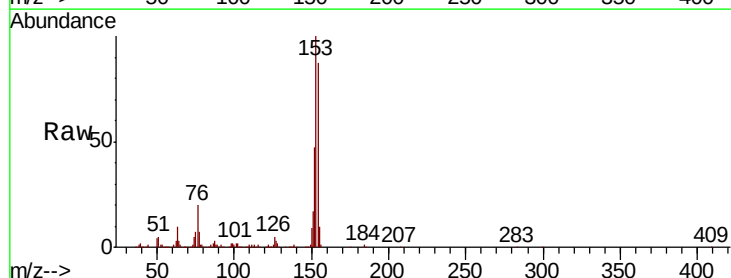
Tgt Ion:154 Resp: 469653

Ion	Ratio	Lower	Upper
154	100		
153	114.7	92.6	138.8
152	53.9	44.2	66.4

154 100

153 114.7 92.6 138.8

152 53.9 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

400000

300000

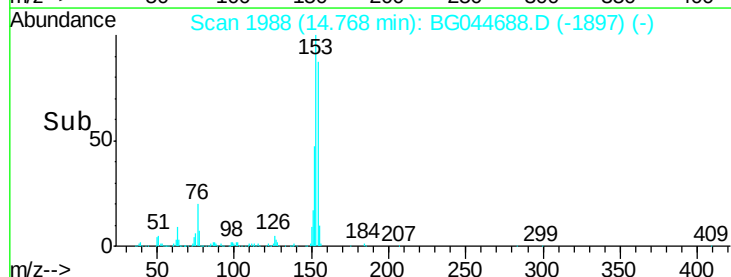
200000

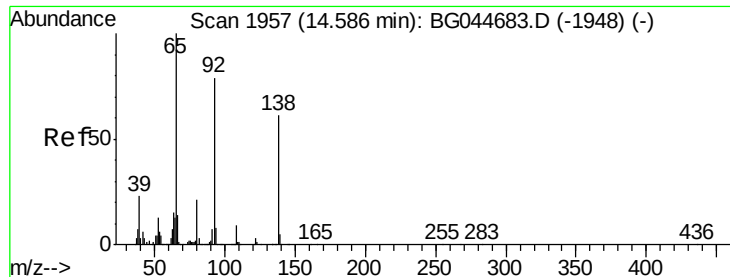
100000

0

14.70 14.80 14.90

Time-->





#53

3-Nitroaniline

Concen: 40.691 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

ClientSampleId :

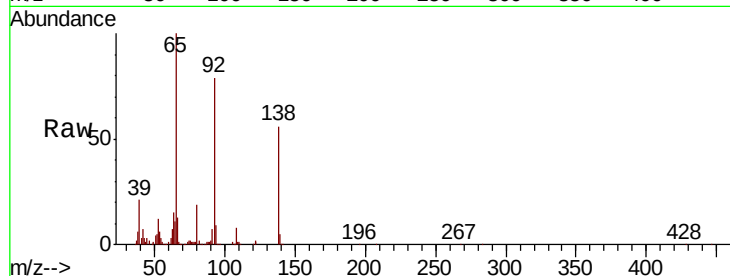
Tot Ion:138 Resp: 137646

Ion Ratio Lower Upper

138 100

108 14.9 12.2 18.4

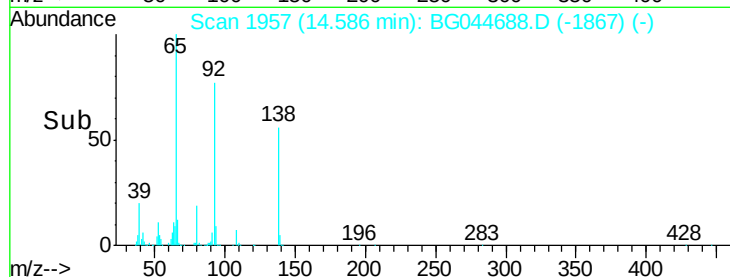
92 142.5 105.1 157.7



Abundance Ion 138.00 (137.70 to 138.70): E

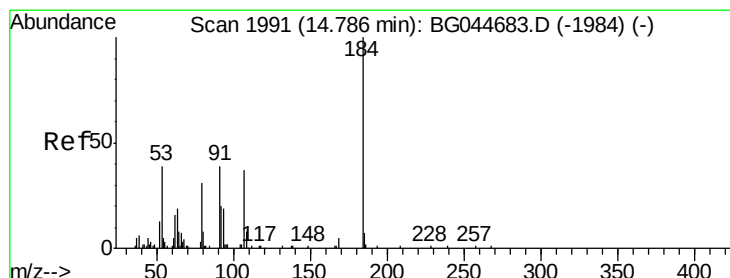
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



14.59

Time-->



#54

2,4-Dinitrophenol

Concen: 38.213 ng

RT: 14.79 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

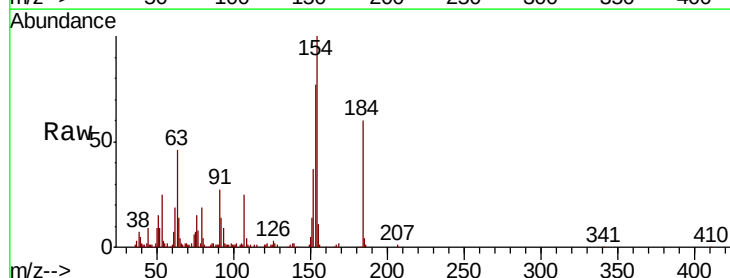
Tgt Ion:184 Resp: 53808

Ion Ratio Lower Upper

184 100

63 77.0 42.4 63.6#

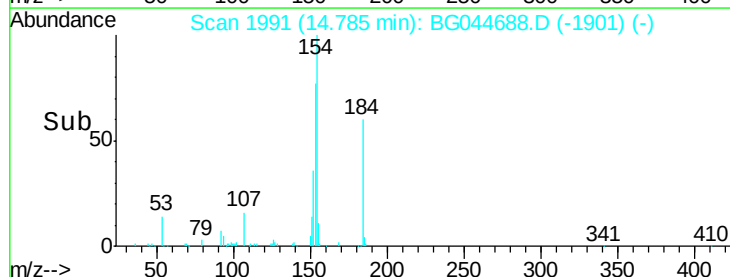
154 165.6 75.0 112.4#



Abundance Ion 184.00 (183.70 to 184.70): E

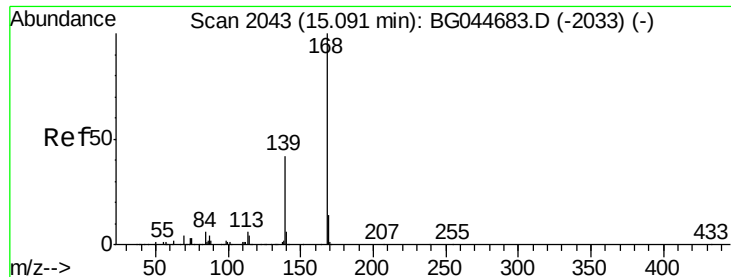
Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



14.79

Time-->



#55

Dibenzofuran

Concen: 37.358 ng

RT: 15.10 min Scan# 2044

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

ClientSampleId :

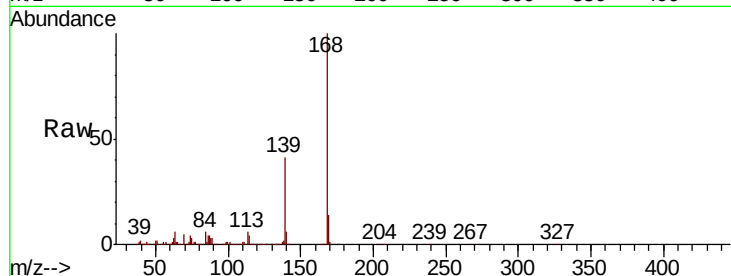
Tot Ion:168 Resp: 691273

Ion Ratio Lower Upper

168 100

139 41.2 33.8 50.6

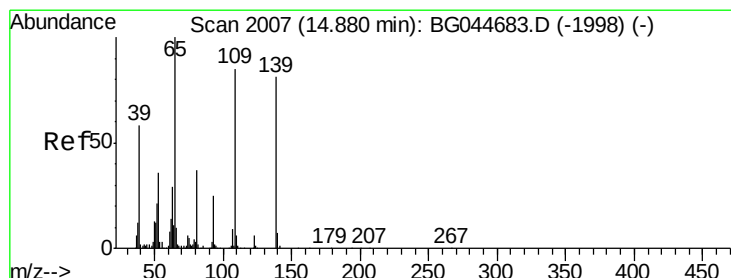
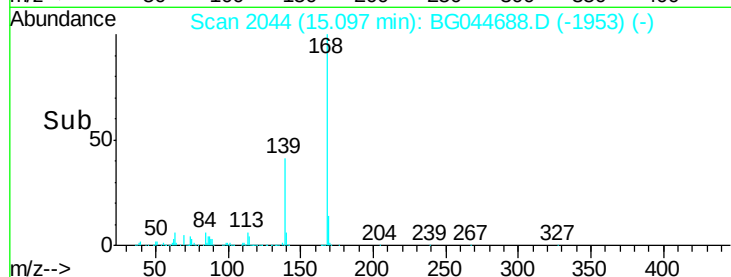
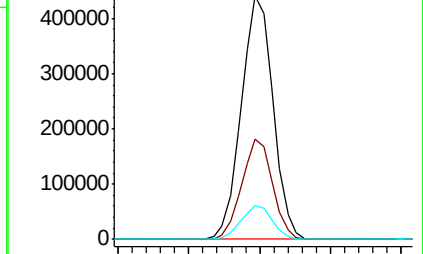
169 14.0 11.0 16.4



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: 41.680 ng

RT: 14.89 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

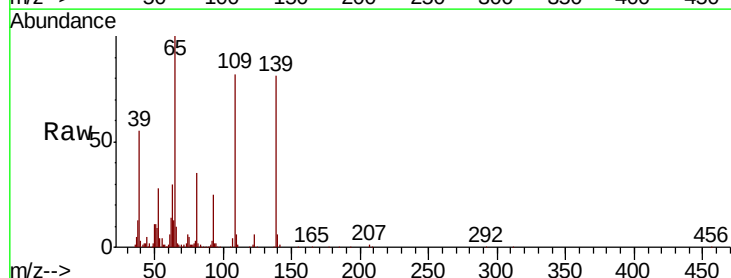
Tgt Ion:139 Resp: 109700

Ion Ratio Lower Upper

139 100

109 101.6 86.0 126.0

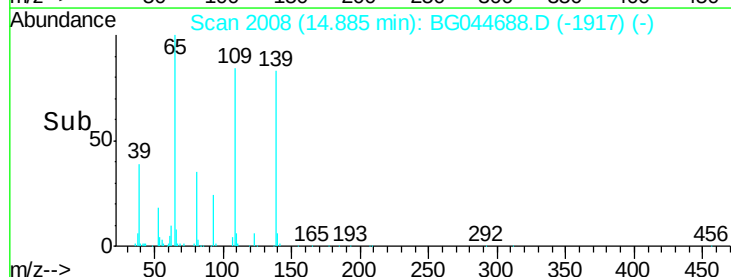
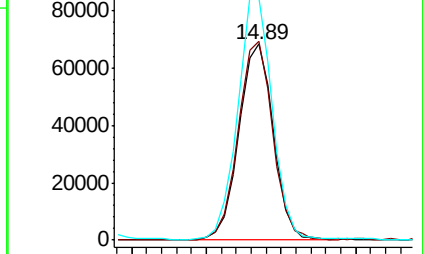
65 124.0 104.5 144.5

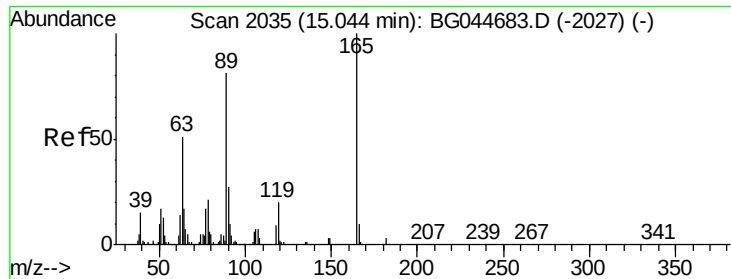


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

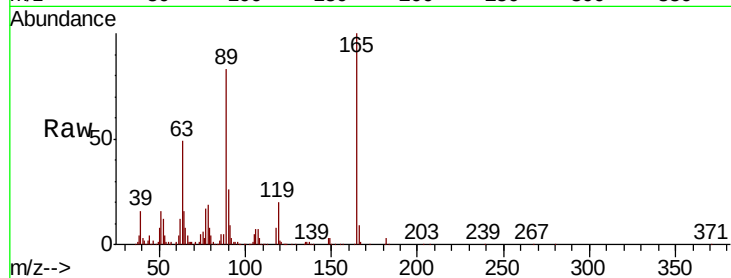




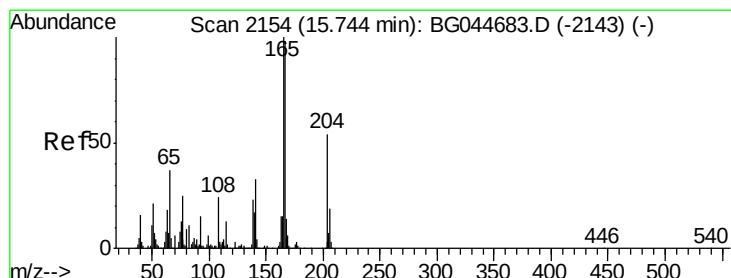
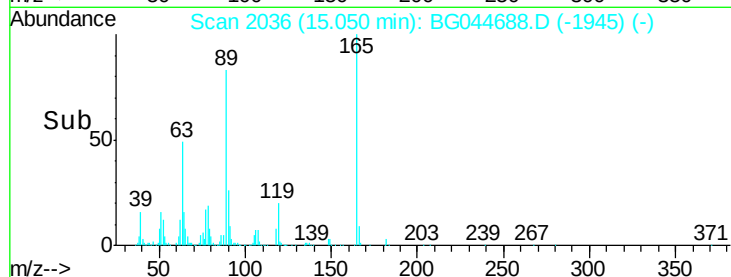
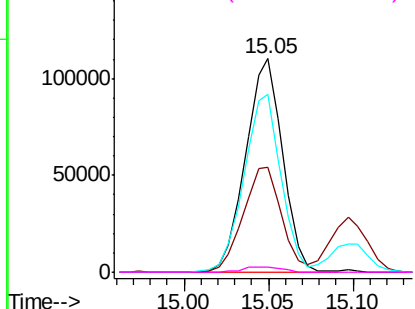
#57
 2,4-Dinitrotoluene
 Concen: 40.895 ng
 RT: 15.05 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 167679
 Ion Ratio Lower Upper
 165 100
 63 49.3 40.6 61.0
 89 83.1 65.0 97.6
 182 2.5 2.4 3.6

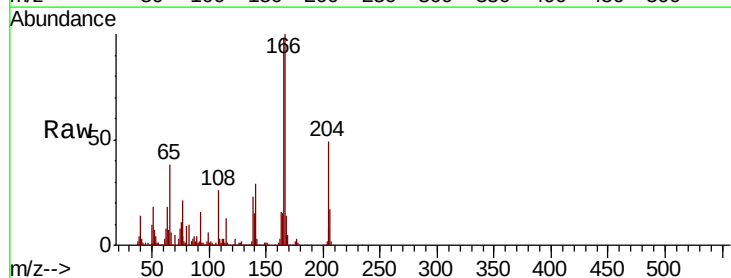


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

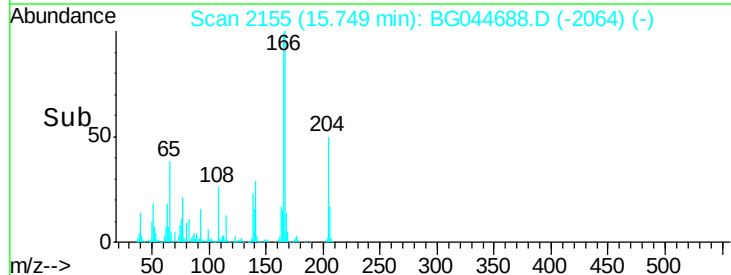
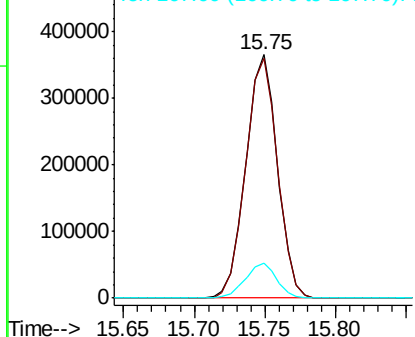


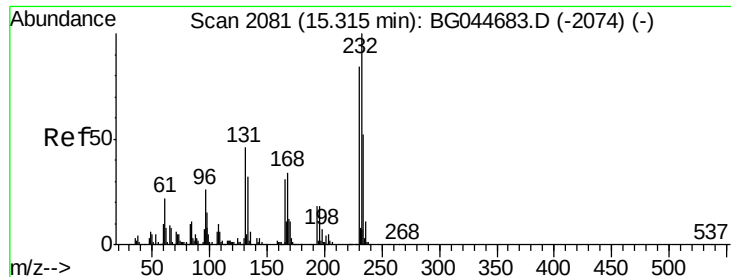
#58
 Fluorene
 Concen: 37.473 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Tgt Ion:166 Resp: 573514
 Ion Ratio Lower Upper
 166 100
 165 98.4 81.3 121.9
 167 14.2 11.0 16.6



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

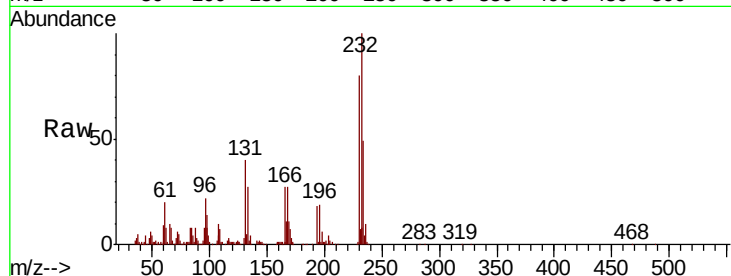




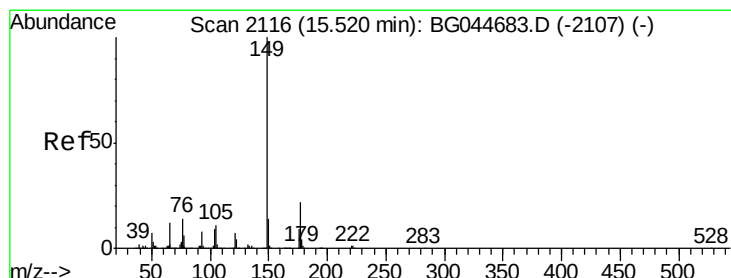
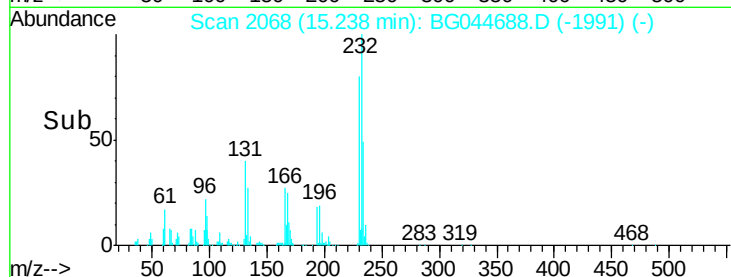
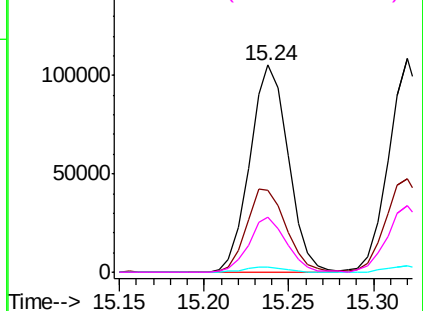
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.591 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. -0.08 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	166566
Ion Ratio	Lower	Upper
232	100	
131	41.8	33.0 49.6
130	2.7	2.2 3.2
166	26.0	20.4 30.6

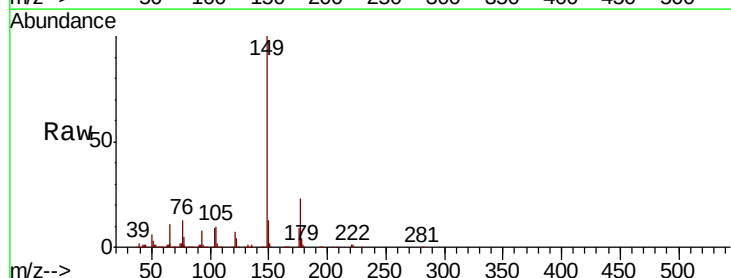


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

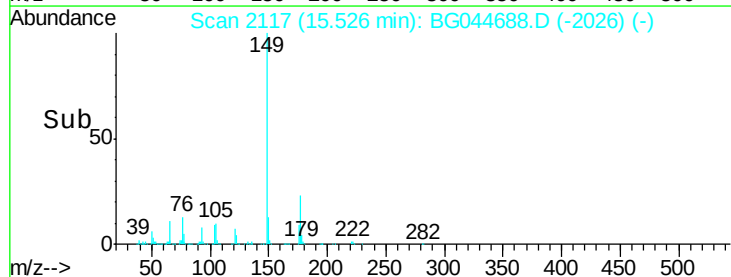
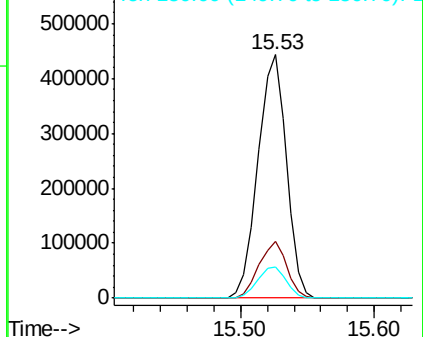


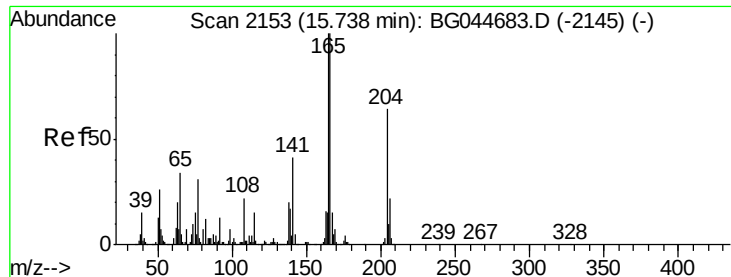
#60
 Diethylphthalate
 Concen: 37.340 ng
 RT: 15.53 min Scan# 2117
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Tgt Ion:149	Resp:	652127
Ion Ratio	Lower	Upper
149	100	
177	23.3	17.5 26.3
150	12.8	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

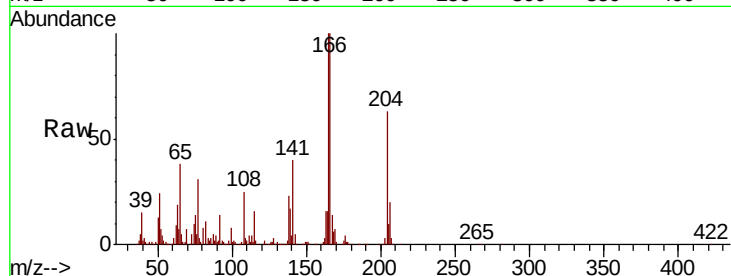




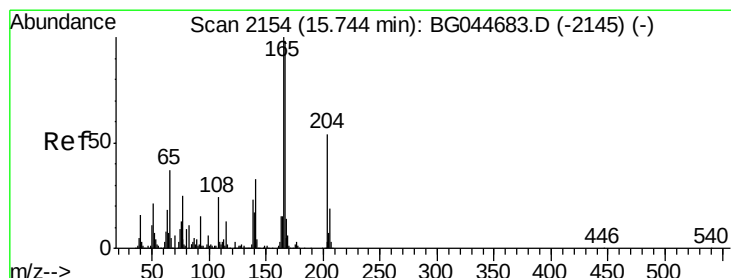
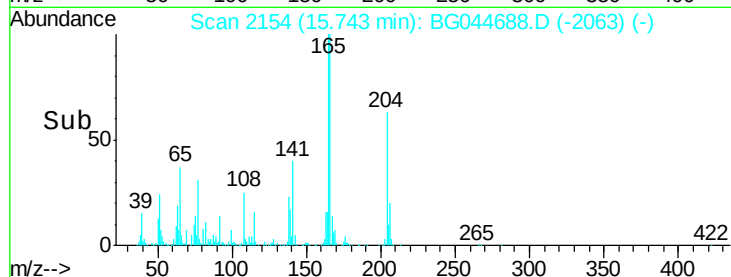
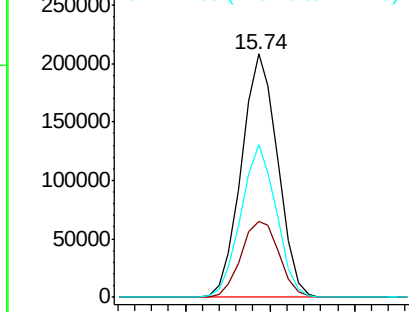
#61
4-Chlorophenyl-phenylether
Concen: 37.215 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 309060
Ion Ratio Lower Upper
204 100
206 31.4 27.7 41.5
141 62.5 51.0 76.4

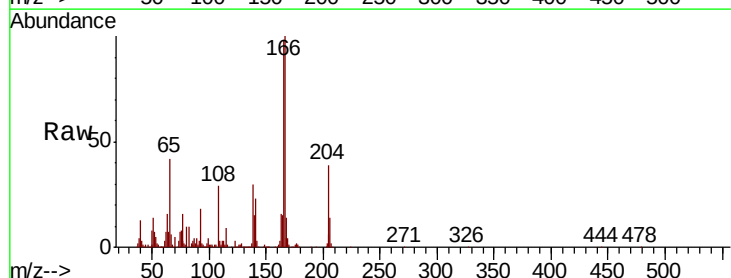


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

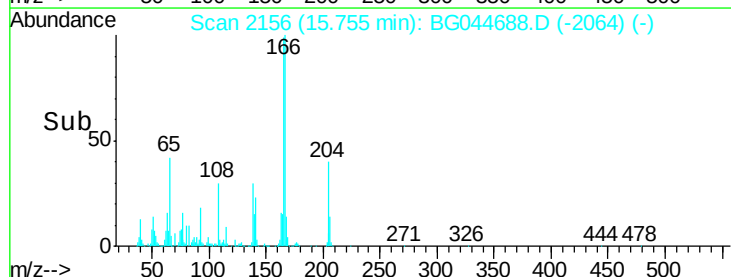
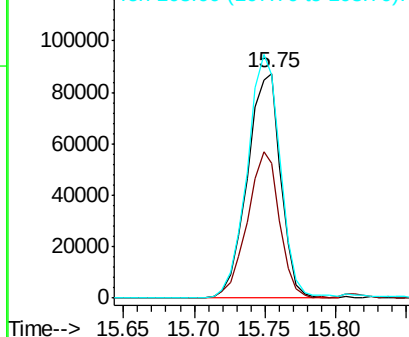


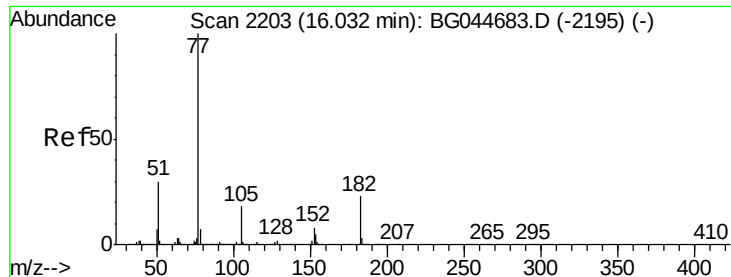
#62
4-Nitroaniline
Concen: 38.840 ng
RT: 15.75 min Scan# 2156
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion:138 Resp: 144711
Ion Ratio Lower Upper
138 100
92 59.9 43.1 83.1
108 99.4 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: 37.194 ng

RT: 16.04 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

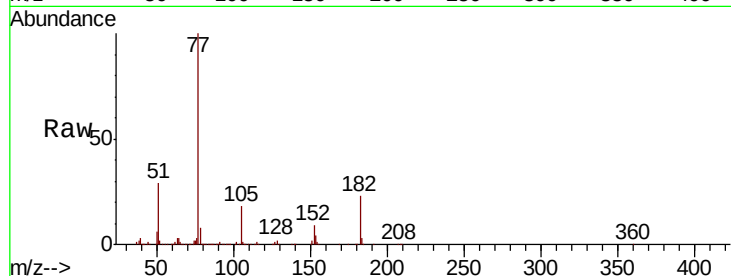
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 679780

Ion	Ratio	Lower	Upper
77	100		
182	23.0	2.7	42.7
105	17.8	0.0	38.1
51	29.4	10.3	50.3

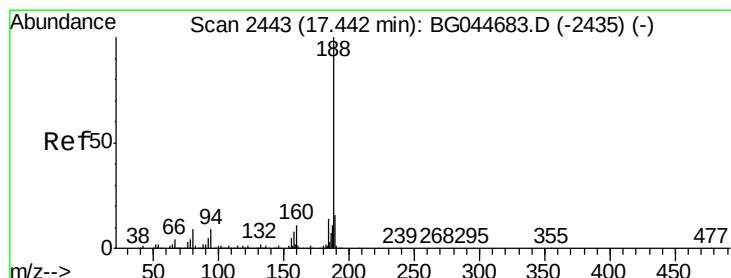
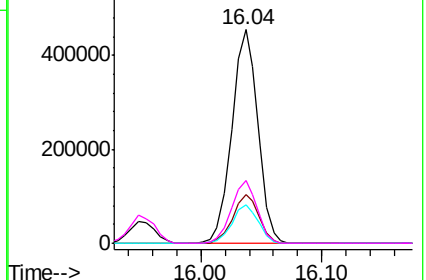
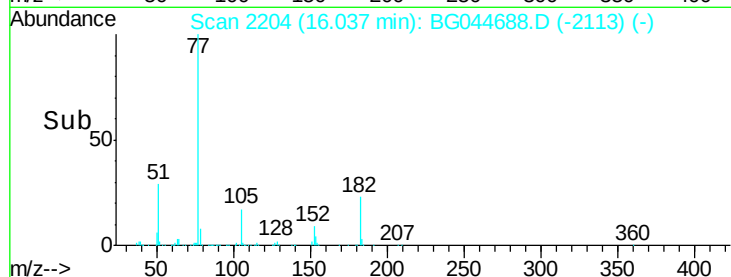


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.45 min Scan# 2444

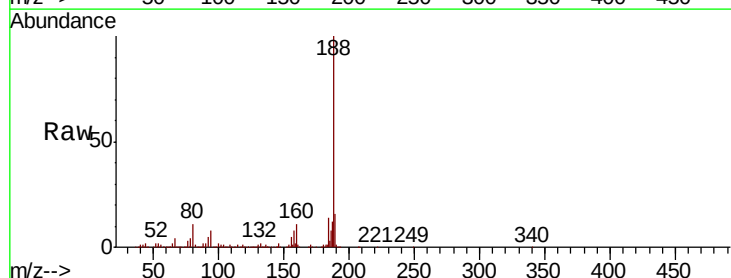
Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Tgt Ion: 188 Resp: 446014

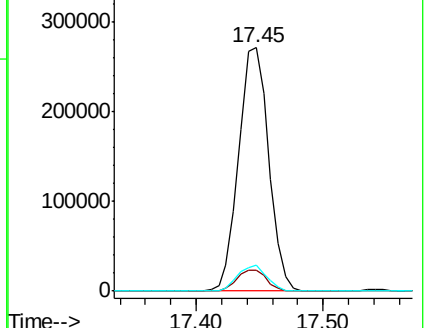
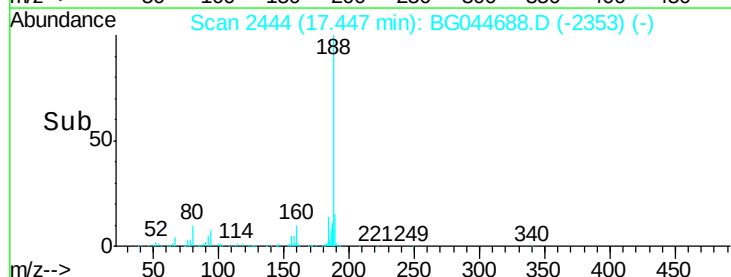
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.4	11.0
80	10.6	7.3	10.9

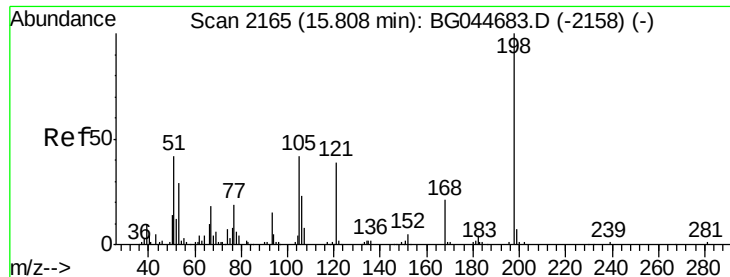


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

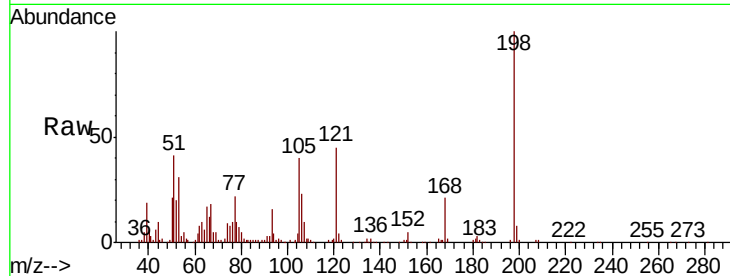




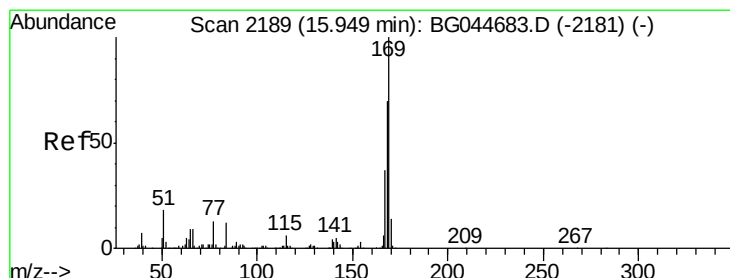
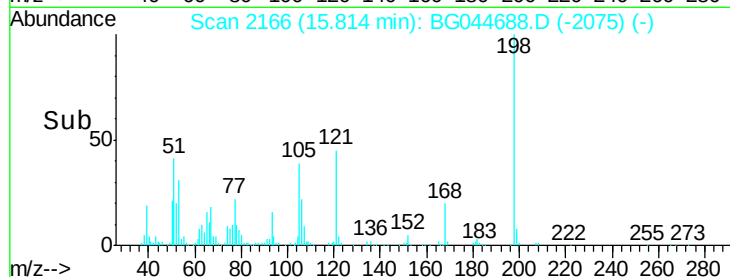
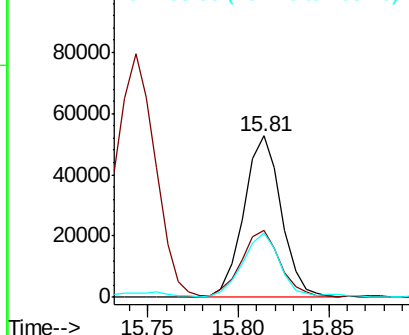
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.073 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 75595
 Ion Ratio Lower Upper
 198 100
 51 41.2 27.1 67.1
 105 40.1 23.6 63.6

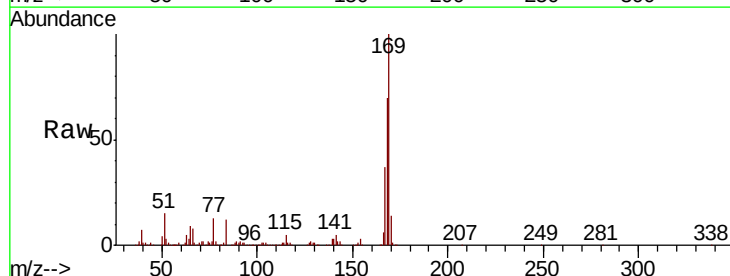


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

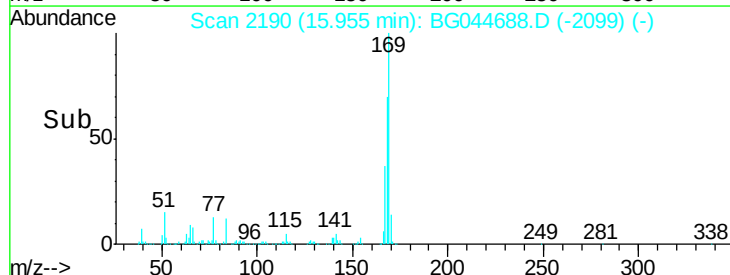
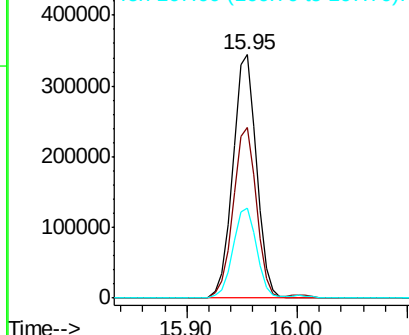


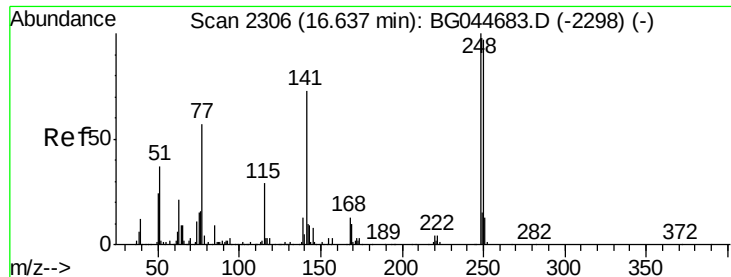
#66
 n-Nitrosodiphenylamine
 Concen: 37.878 ng
 RT: 15.95 min Scan# 2190
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Tgt Ion:169 Resp: 516544
 Ion Ratio Lower Upper
 169 100
 168 70.0 56.2 84.2
 167 36.8 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

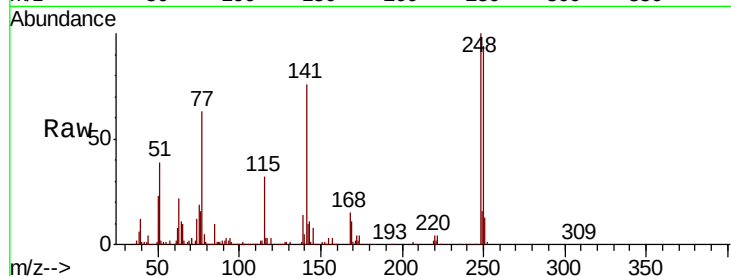




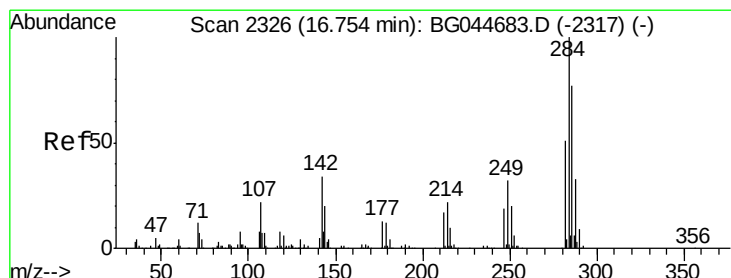
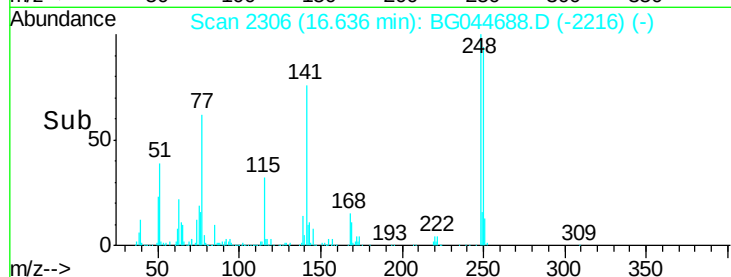
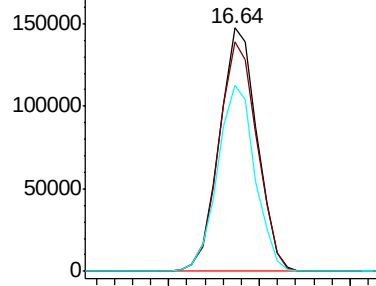
#67
4-Bromophenyl-phenylether
Concen: 37.854 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 212932
Ion Ratio Lower Upper
248 100
250 94.1 77.4 116.2
141 76.4 58.1 87.1

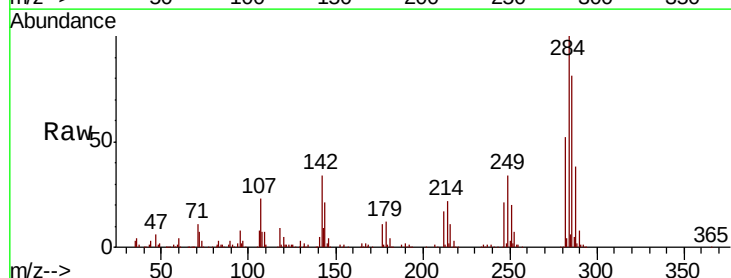


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

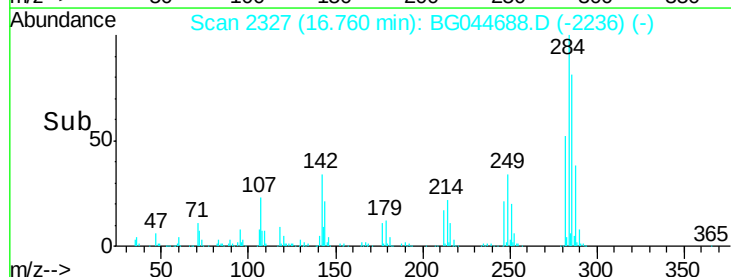
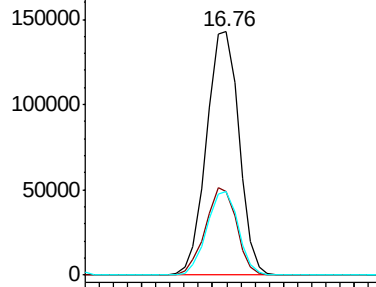


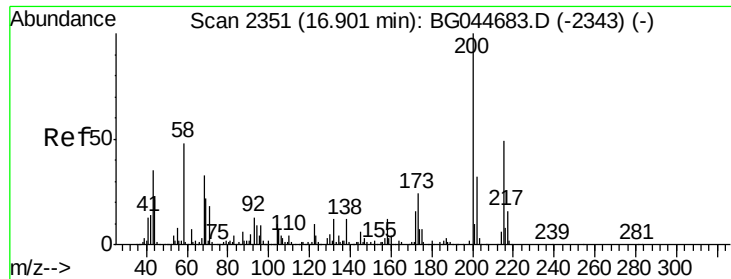
#68
Hexachlorobenzene
Concen: 37.790 ng
RT: 16.76 min Scan# 2327
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion:284 Resp: 229531
Ion Ratio Lower Upper
284 100
142 34.3 27.2 40.8
249 34.2 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: 39.122 ng

RT: 16.90 min Scan# 2351

Delta R.T. -0.00 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

ClientSampleId :

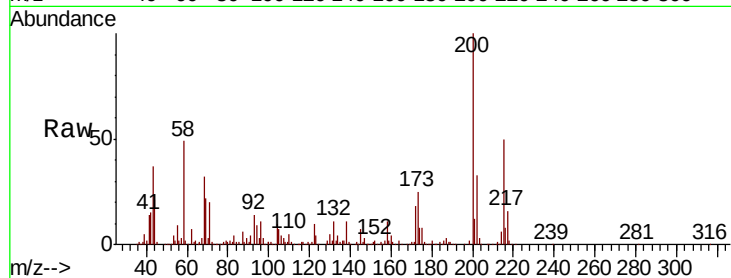
Tot Ion:200 Resp: 206171

Ion Ratio Lower Upper

200 100

173 25.1 4.0 44.0

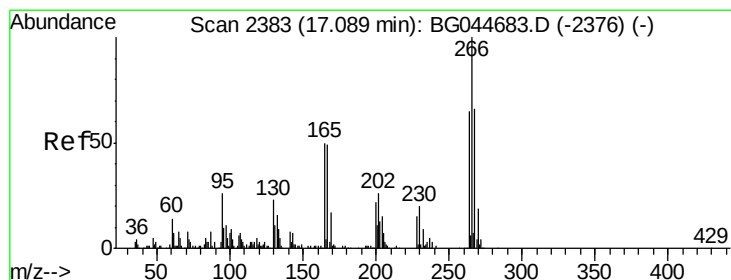
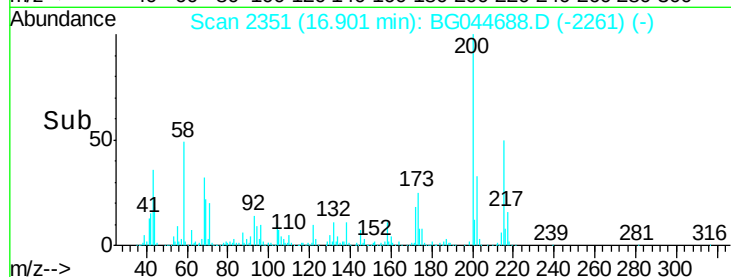
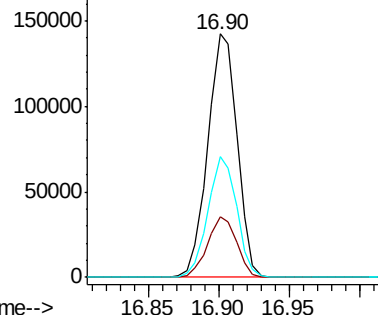
215 49.8 29.1 69.1



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: 40.828 ng

RT: 17.09 min Scan# 2384

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

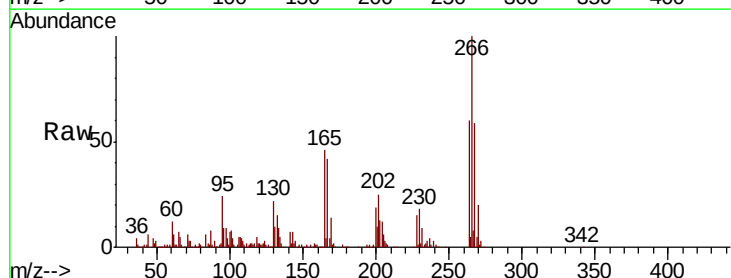
Tgt Ion:266 Resp: 140715

Ion Ratio Lower Upper

266 100

268 58.8 52.7 79.1

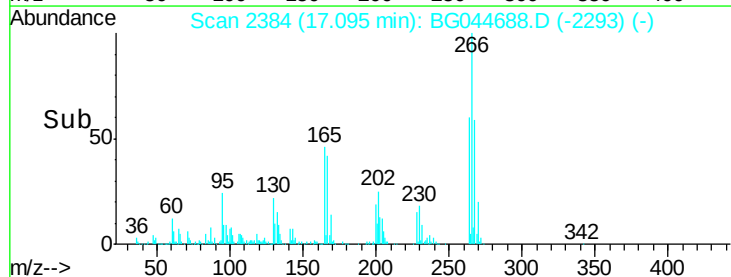
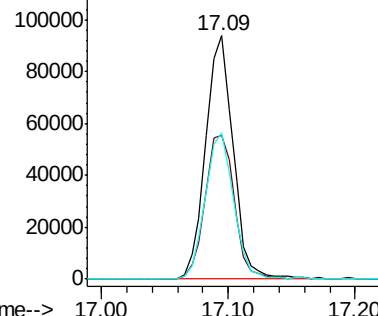
264 60.0 52.3 78.5

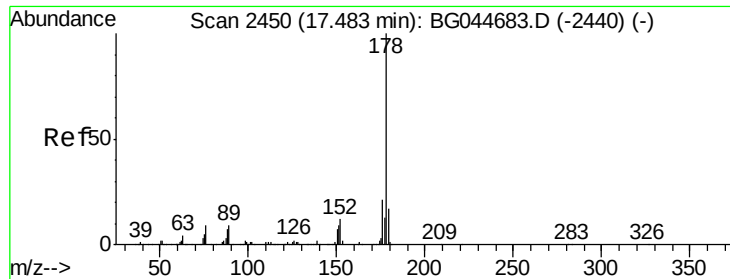


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

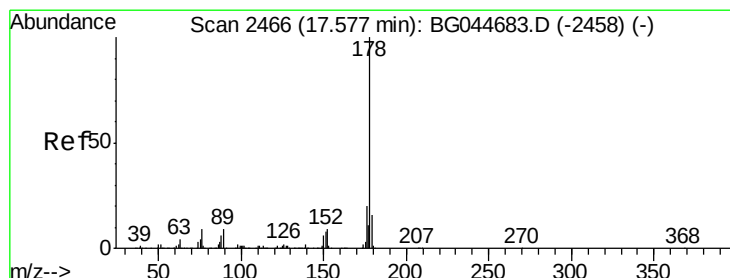
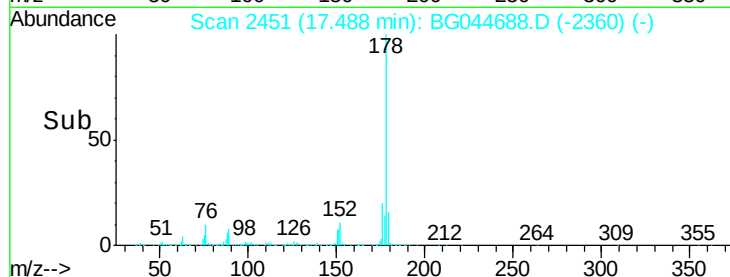
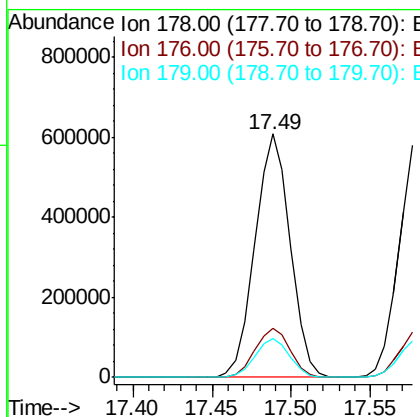
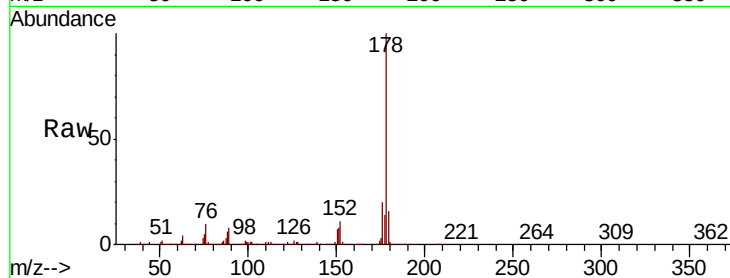




#71
Phenanthrene
Concen: 38.300 ng
RT: 17.49 min Scan# 2451
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

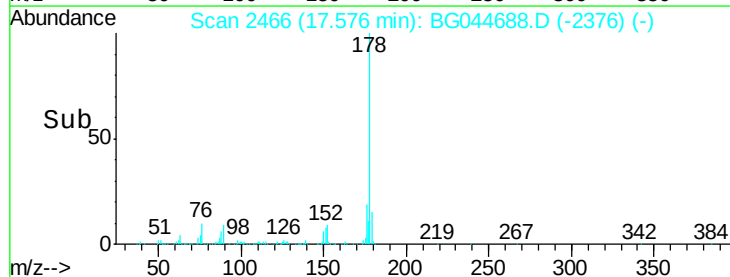
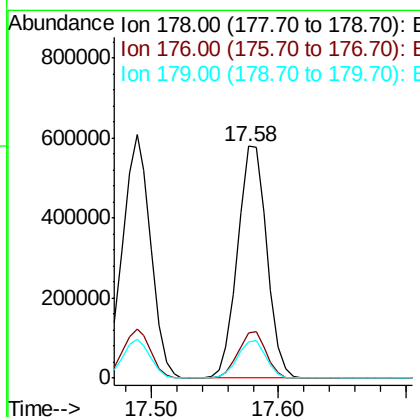
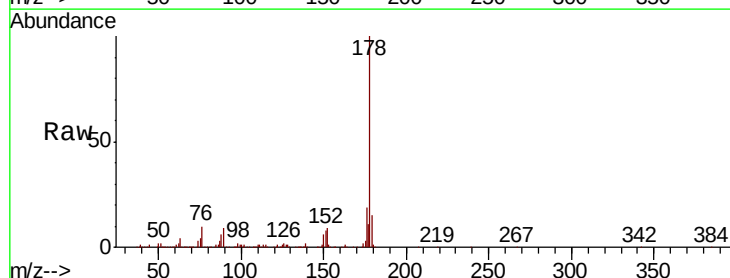
Instrument :
BNA_G
ClientSampleId :

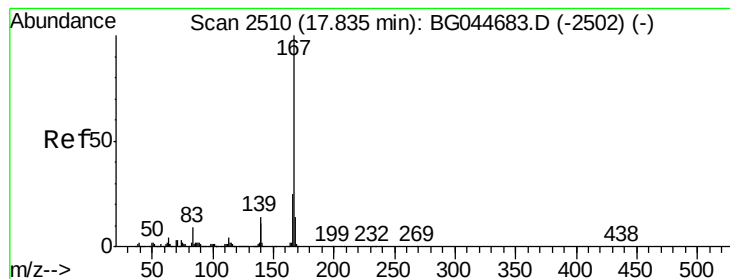
Tot Ion:178 Resp: 936659
Ion Ratio Lower Upper
178 100
176 20.1 16.5 24.7
179 16.0 13.8 20.8



#72
Anthracene
Concen: 38.270 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion:178 Resp: 921852
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.4 12.6 19.0





#73

Carbazole

Concen: 38.189 ng

RT: 17.84 min Scan# 2511

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

ClientSampleId :

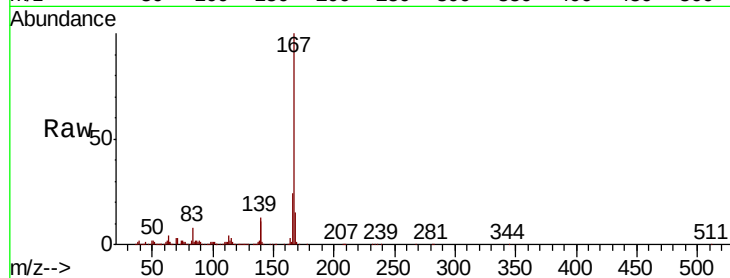
Tot Ion:167 Resp: 880958

Ion Ratio Lower Upper

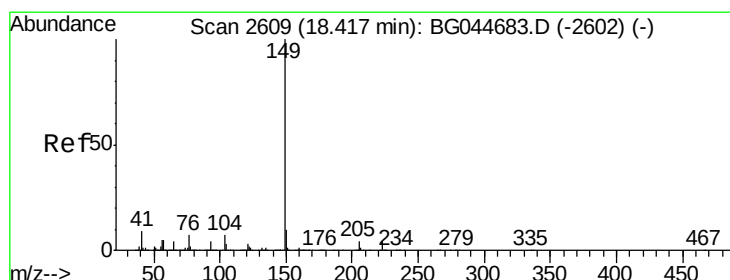
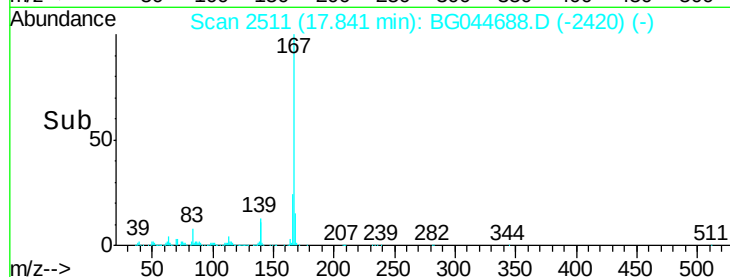
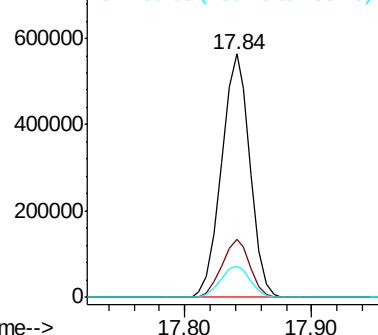
167 100

166 23.8 20.0 30.0

139 12.9 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: 38.624 ng

RT: 18.42 min Scan# 2610

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

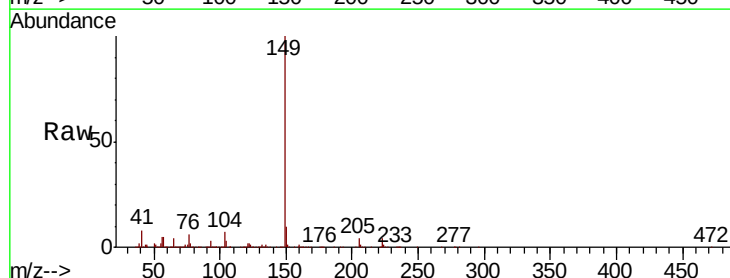
Tgt Ion:149 Resp: 1122144

Ion Ratio Lower Upper

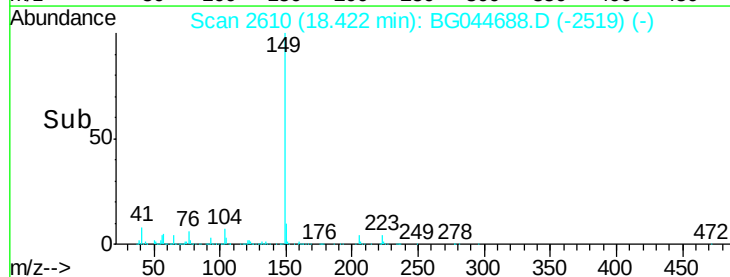
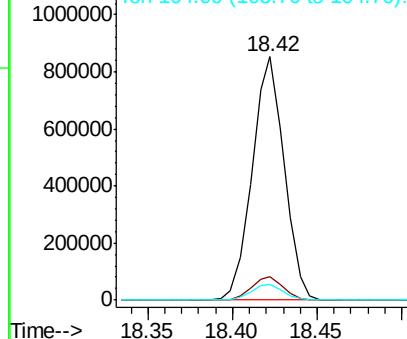
149 100

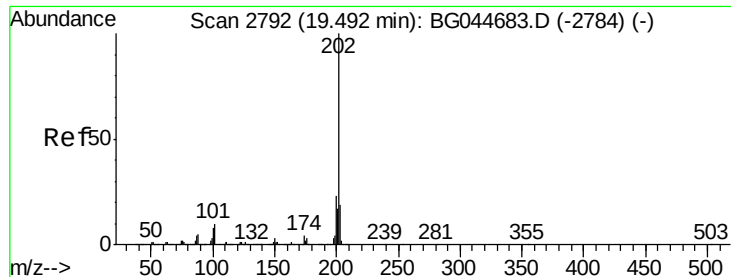
150 9.9 8.0 12.0

104 6.6 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: 38.137 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

ClientSampled :

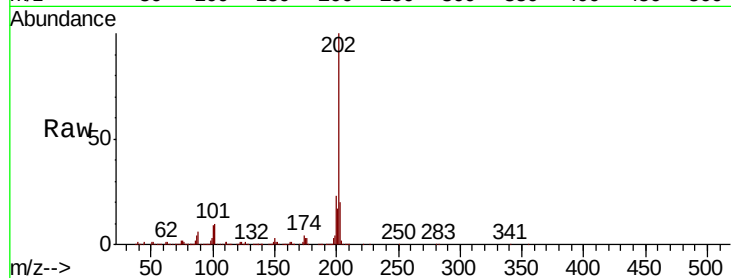
Tot Ion:202 Resp: 1127221

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.3

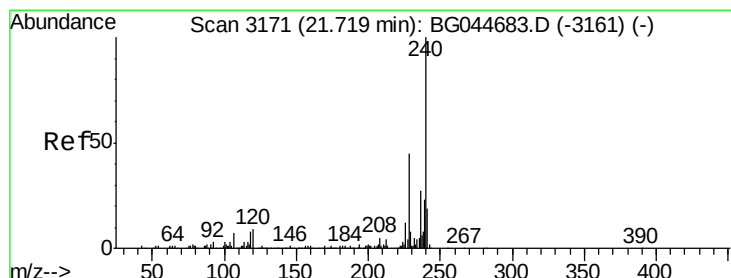
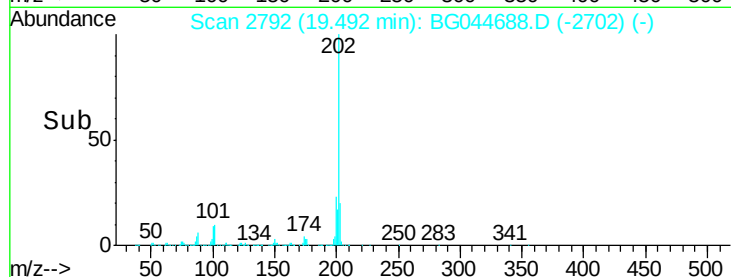
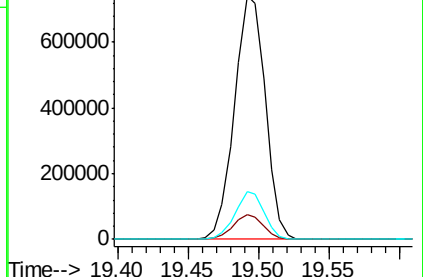
203 19.8 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3172

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

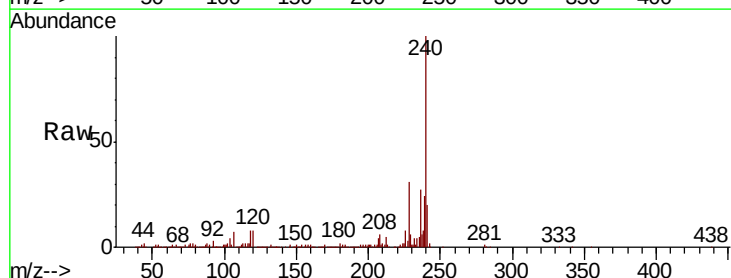
Tgt Ion:240 Resp: 391540

Ion Ratio Lower Upper

240 100

120 8.0 7.0 10.6

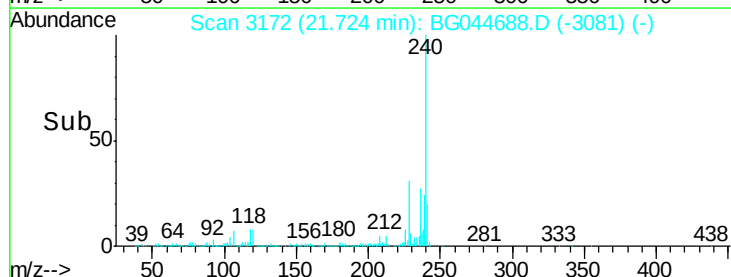
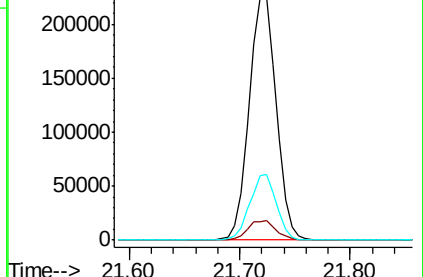
236 27.2 21.5 32.3

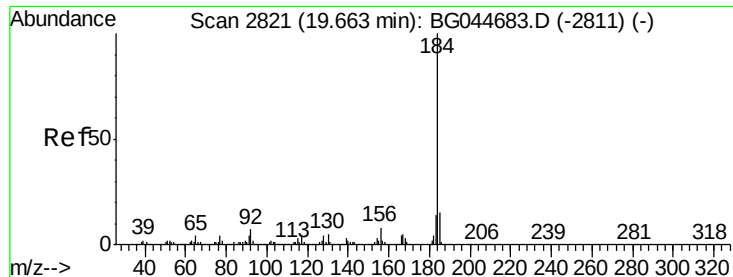


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.538 ng

RT: 19.67 min Scan# 2822

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

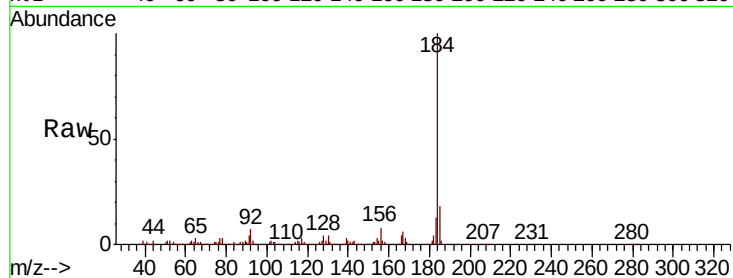
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 555447

Ion	Ratio	Lower	Upper
184	100		
185	17.6	12.0	18.0
183	13.4	11.4	17.2

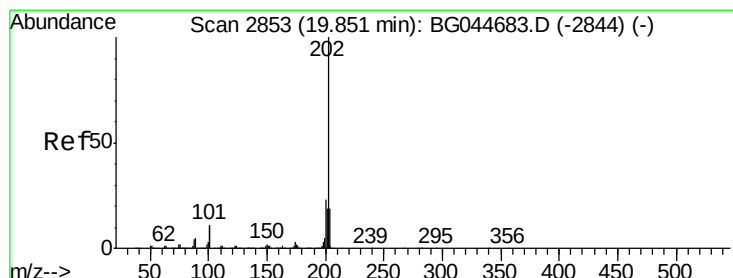
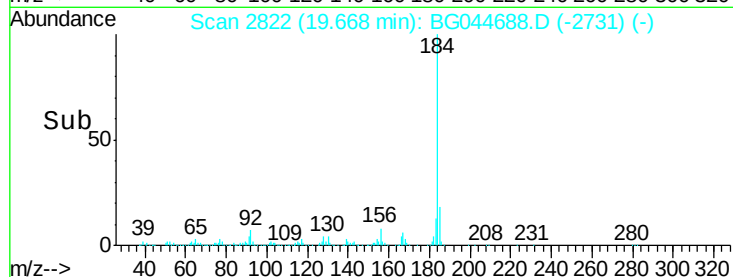
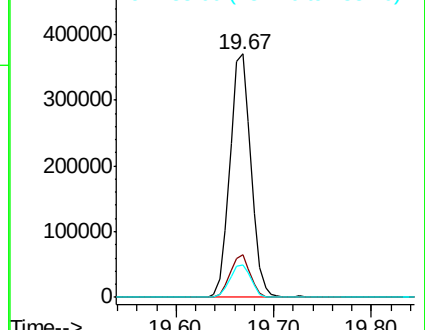


Abundance

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: 37.964 ng

RT: 19.86 min Scan# 2854

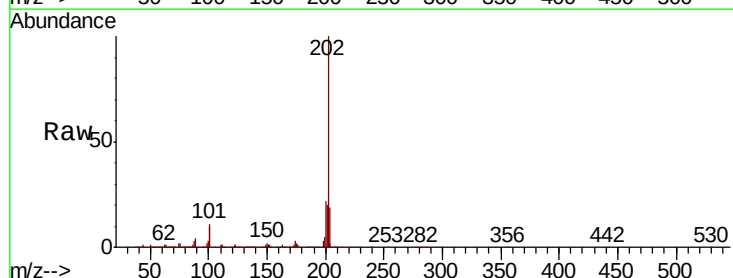
Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Tgt Ion:202 Resp: 1133779

Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.2	27.2
203	18.8	15.2	22.8

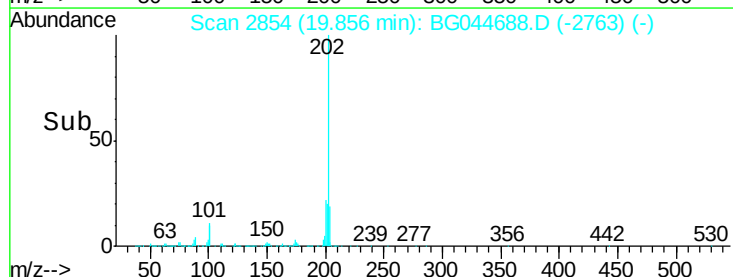
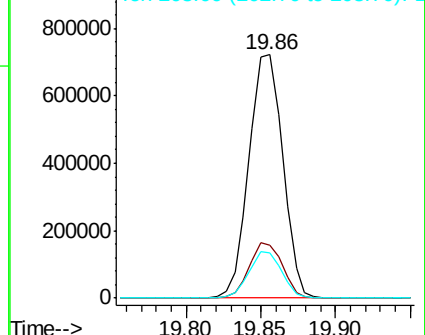


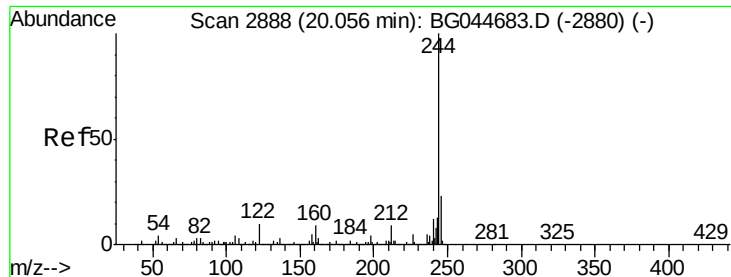
Abundance

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: 77.246 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

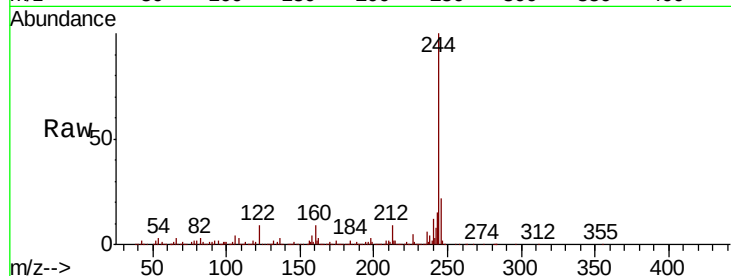
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1694376

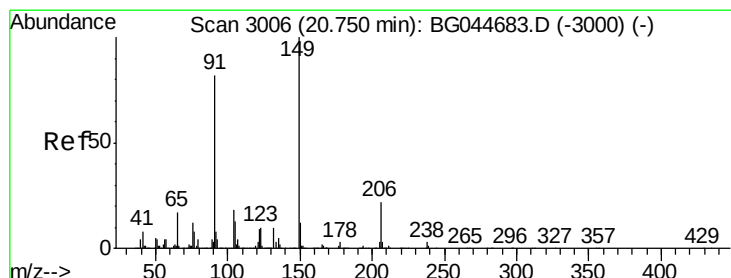
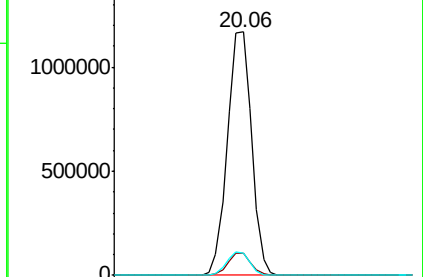
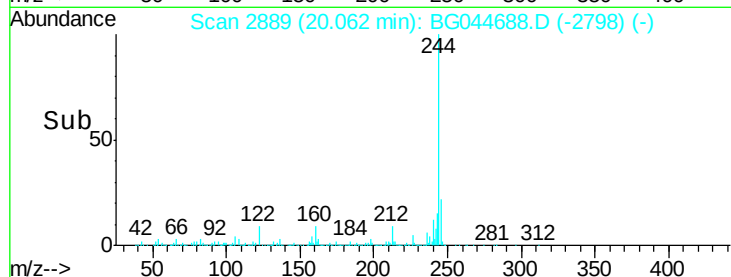
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.5	11.3
122	8.9	7.7	11.5



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: 39.439 ng

RT: 20.75 min Scan# 3007

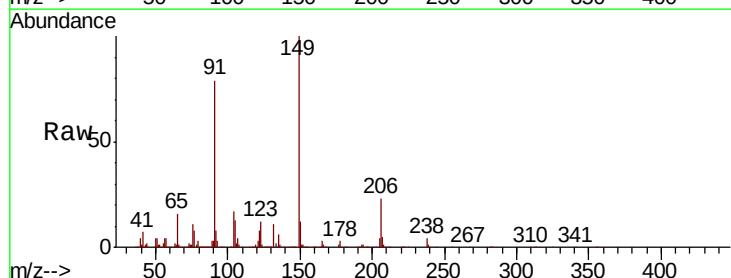
Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Tgt Ion:149 Resp: 525734

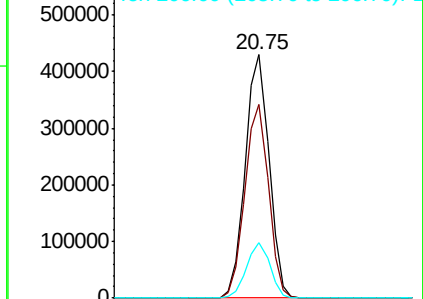
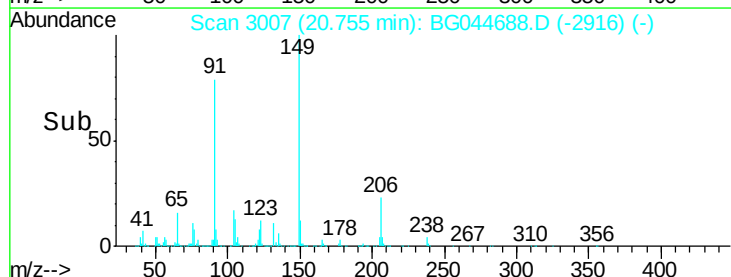
Ion	Ratio	Lower	Upper
149	100		
91	79.5	65.7	98.5
206	22.8	17.3	25.9

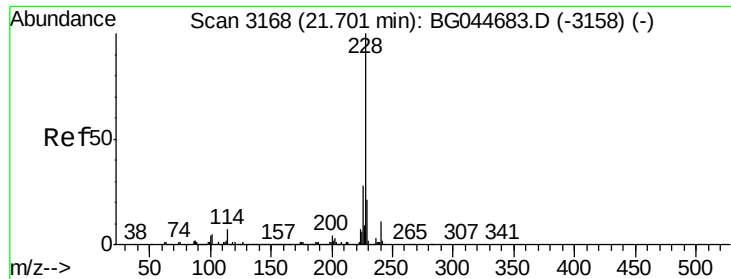


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.947 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

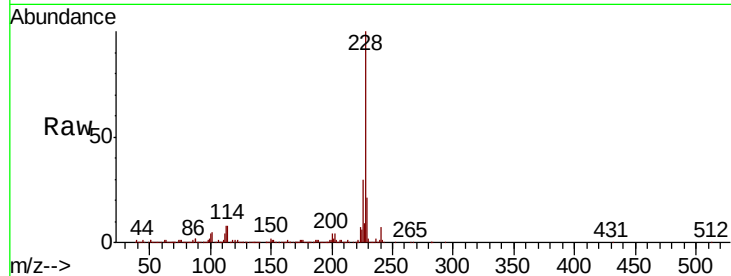
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1114198

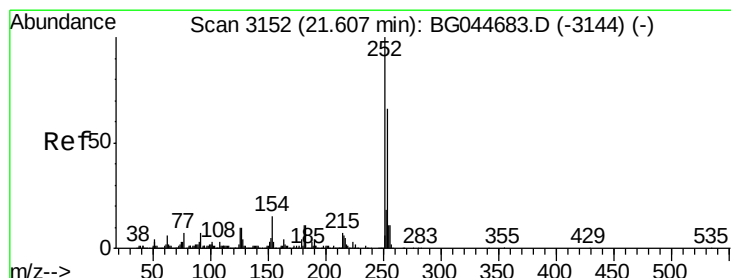
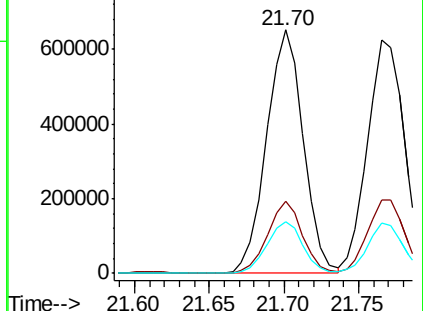
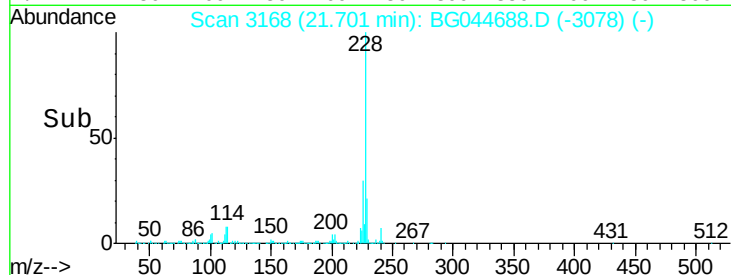
Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.8	34.2
229	21.1	17.0	25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.930 ng

RT: 21.61 min Scan# 3153

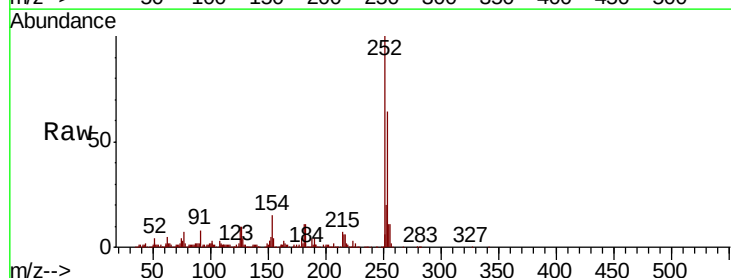
Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Tgt Ion:252 Resp: 443431

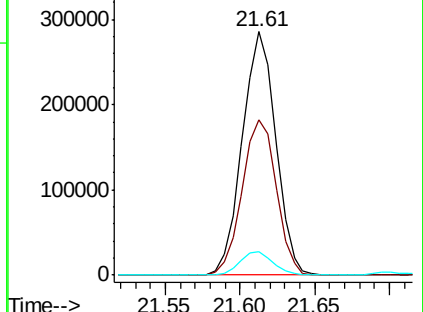
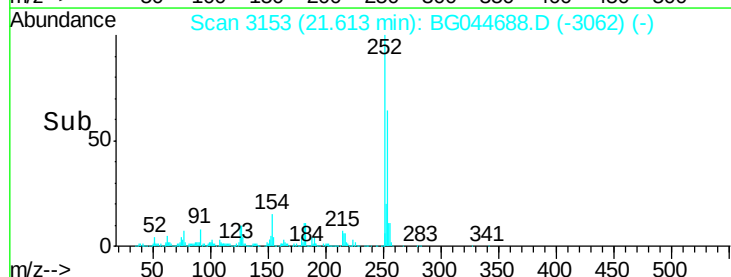
Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.6	79.0
126	9.6	7.8	11.6

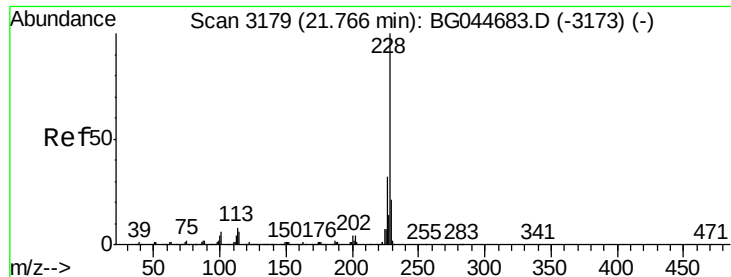


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.658 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

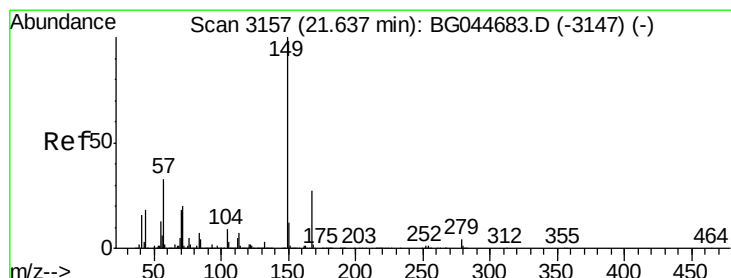
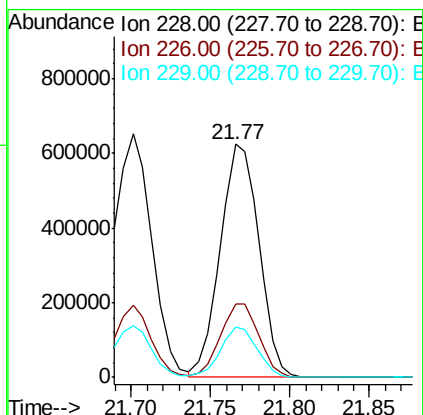
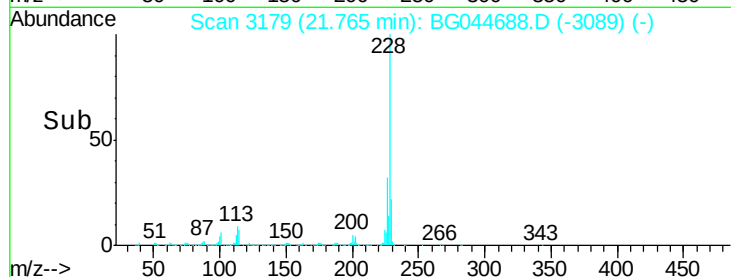
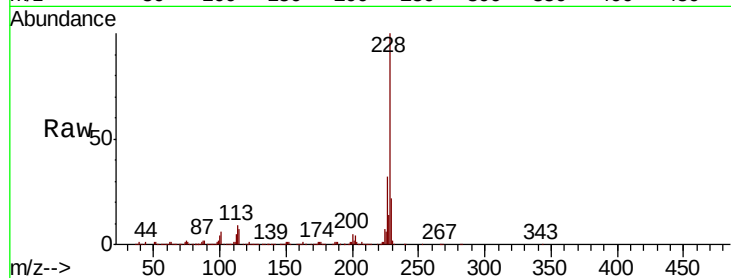
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1052454

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.8	38.6
229	21.5	16.6	25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.513 ng

RT: 21.64 min Scan# 3158

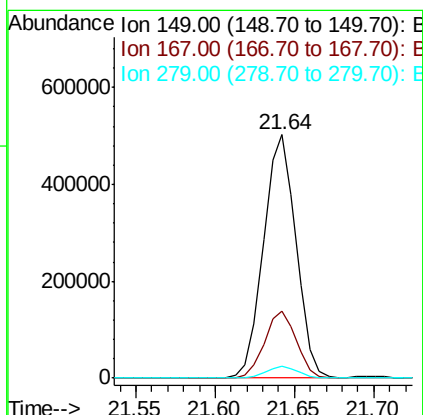
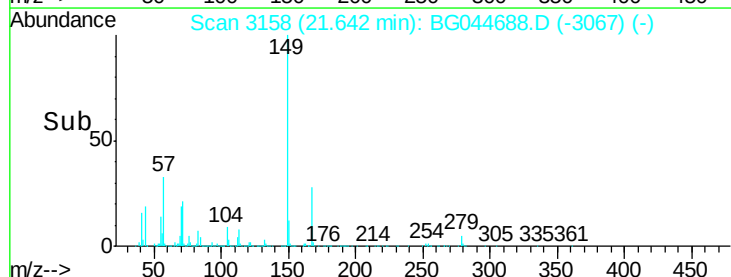
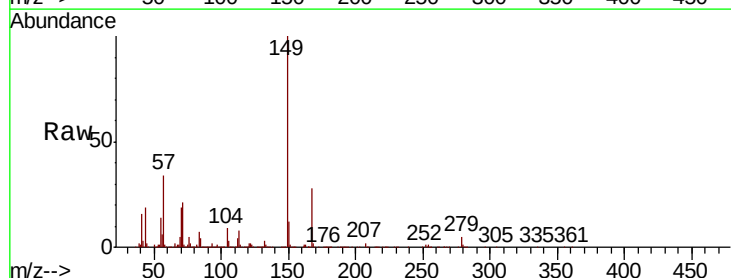
Delta R.T. 0.01 min

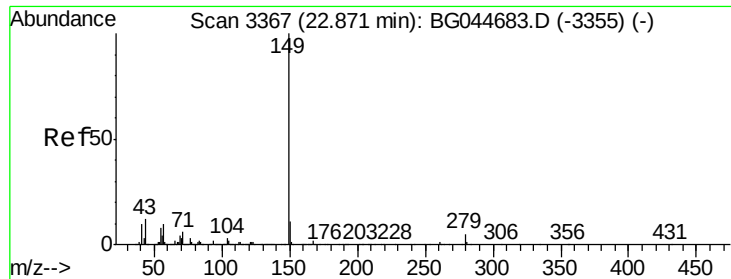
Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Tgt Ion:149 Resp: 715936

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.3	31.9
279	4.9	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 39.159 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.00 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

ClientSampleId :

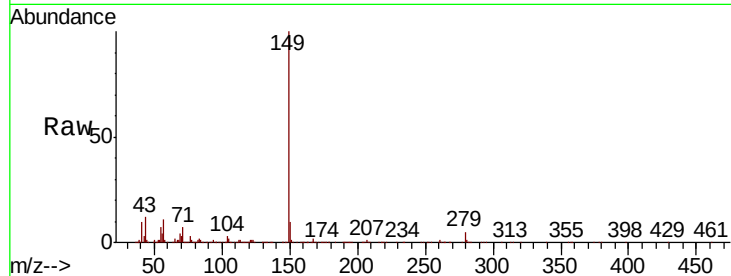
Tot Ion:149 Resp: 1250078

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.4 9.5 14.3

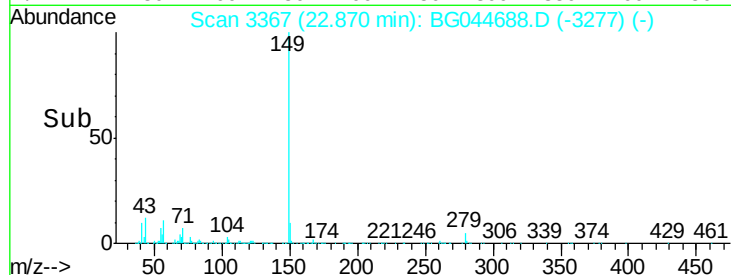


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

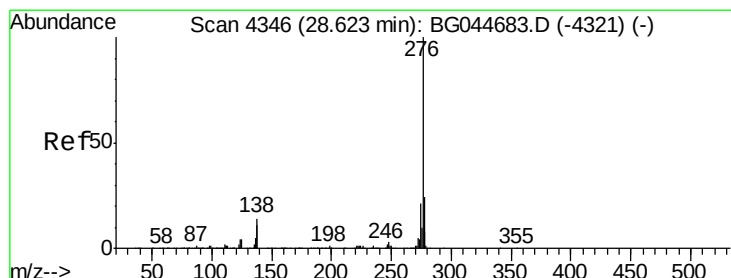
Ion 43.00 (42.70 to 43.70): B

Time-->



22.87

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.251 ng

RT: 28.62 min Scan# 4346

Delta R.T. -0.00 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

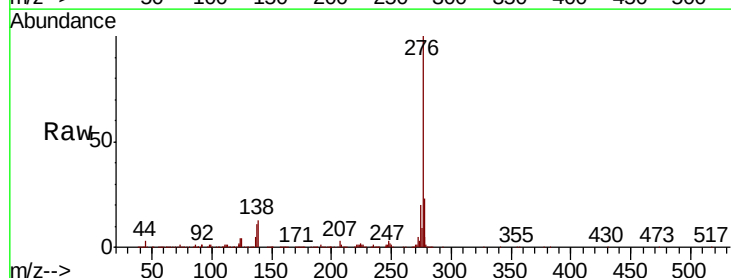
Tgt Ion:276 Resp: 1374968

Ion Ratio Lower Upper

276 100

138 6.8 9.5 14.3#

277 25.7 20.6 30.8

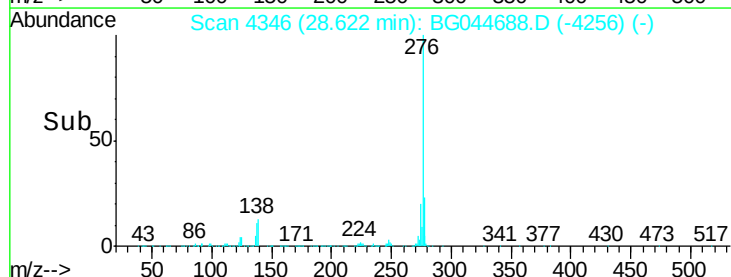


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

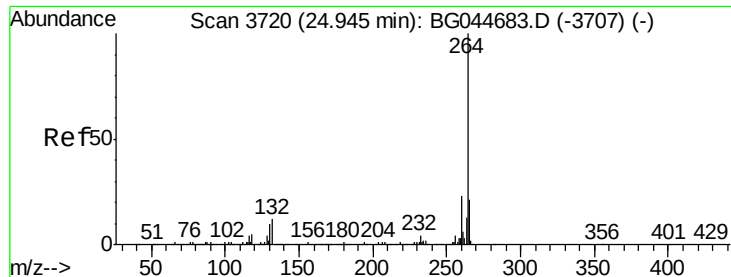
Ion 277.00 (276.70 to 277.70): E

Time-->



28.62

Time-->



#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3721

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

ClientSampleId :

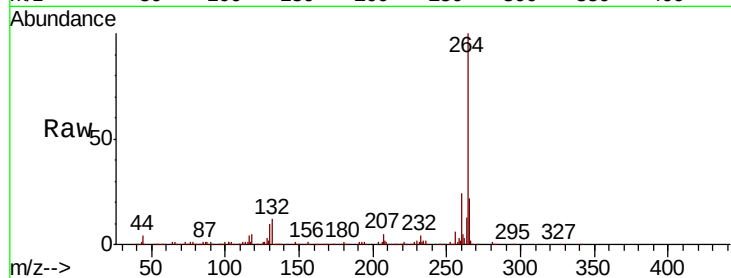
Tot Ion:264 Resp: 464910

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

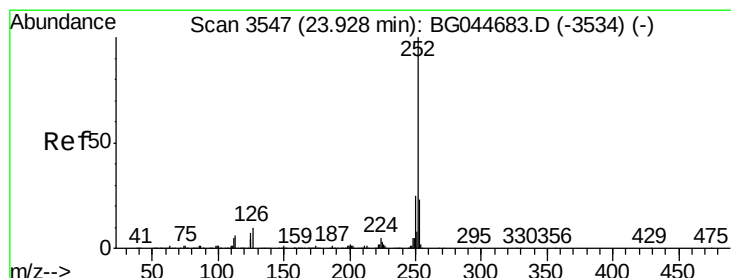
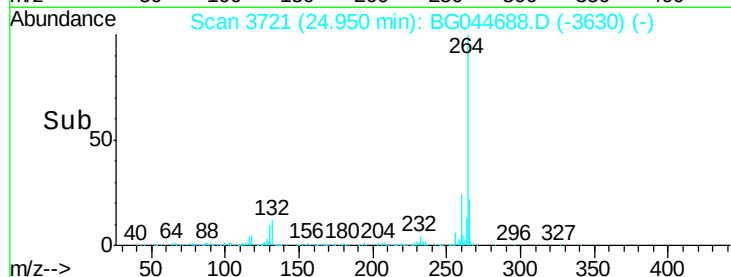
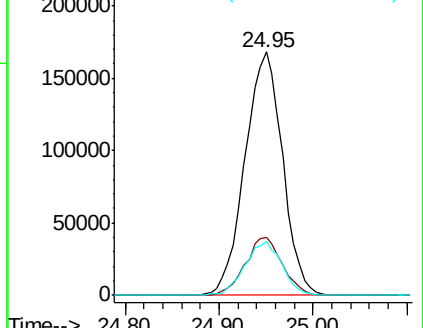
265 22.2 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.883 ng

RT: 23.93 min Scan# 3548

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

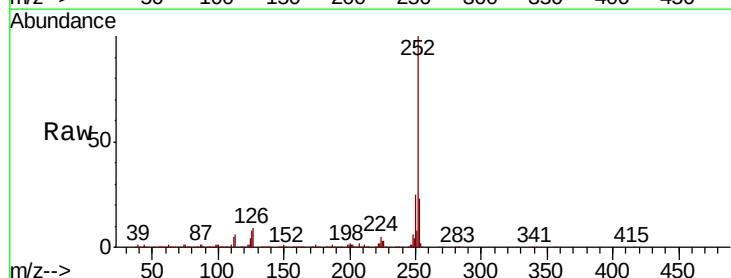
Tgt Ion:252 Resp: 1198679

Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

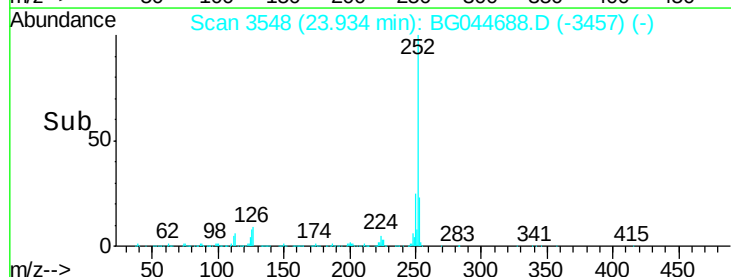
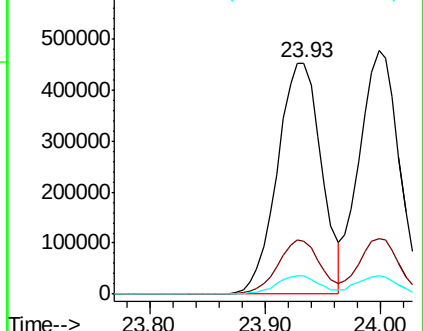
125 8.0 5.6 8.4

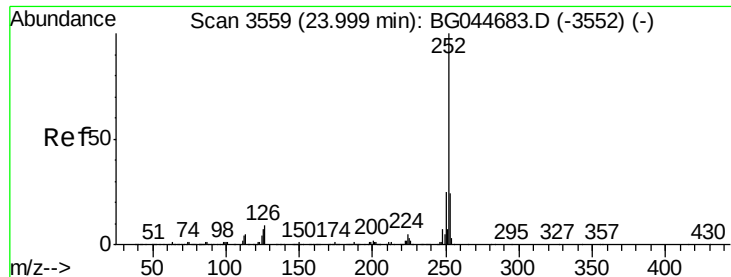


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.414 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.00 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

ClientSampleId :

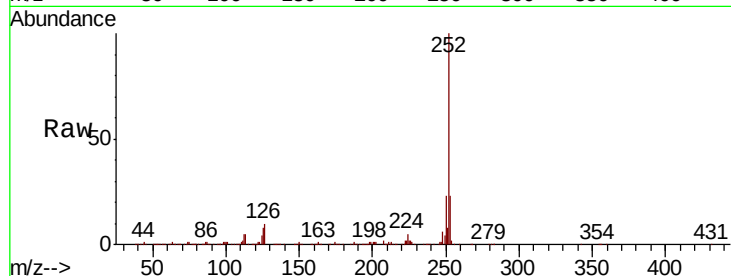
Tot Ion:252 Resp: 1139319

Ion Ratio Lower Upper

252 100

253 22.8 18.5 27.7

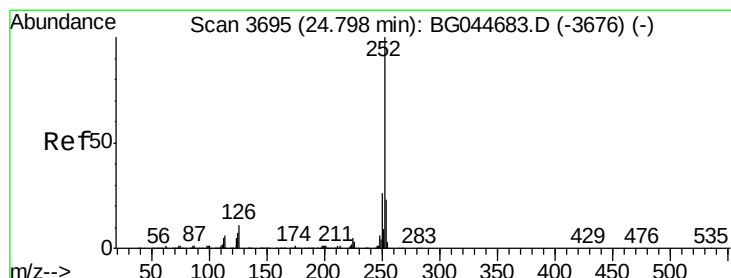
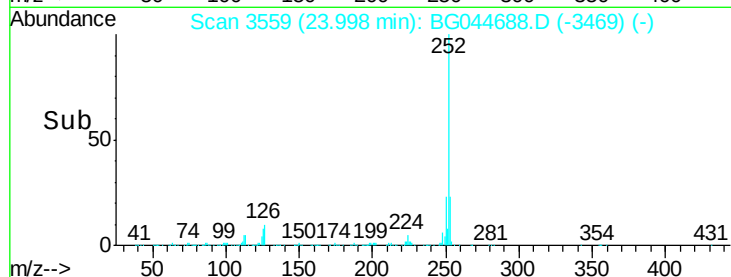
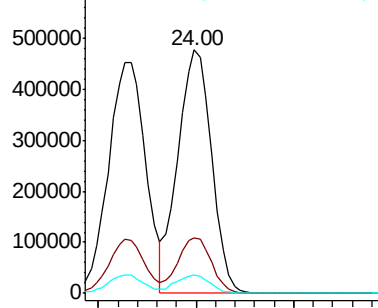
125 7.6 5.8 8.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 37.588 ng

RT: 24.80 min Scan# 3696

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

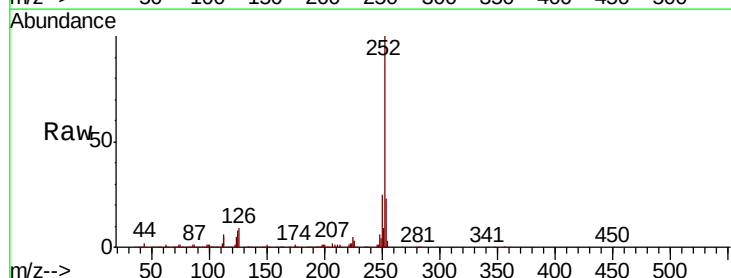
Tgt Ion:252 Resp: 1107718

Ion Ratio Lower Upper

252 100

253 22.6 18.4 27.6

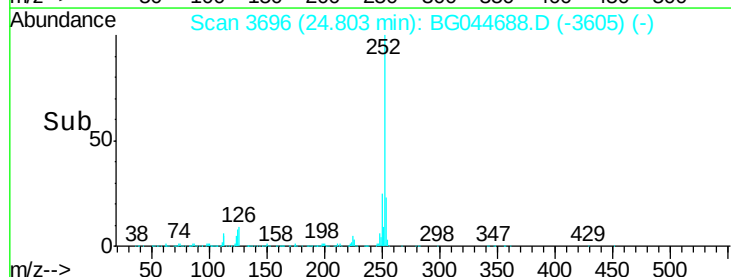
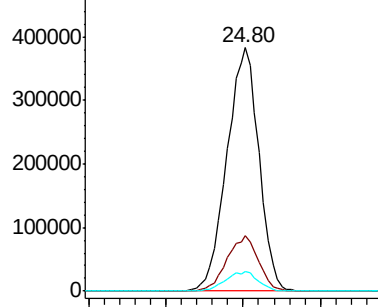
125 8.1 6.0 9.0

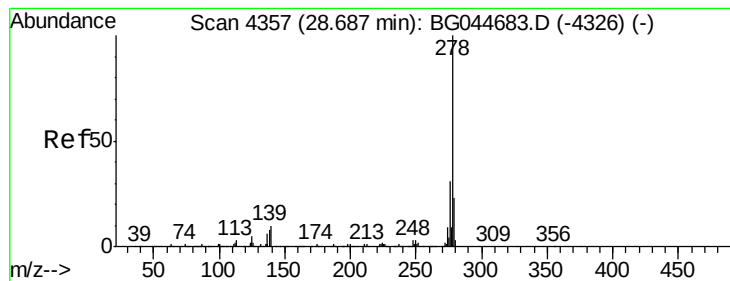


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 37.287 ng

RT: 28.70 min Scan# 4359

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

ClientSampleId :

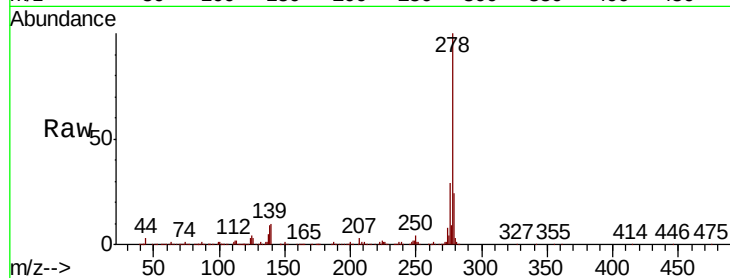
Tot Ion:278 Resp: 1095708

Ion Ratio Lower Upper

278 100

139 10.4 8.4 12.6

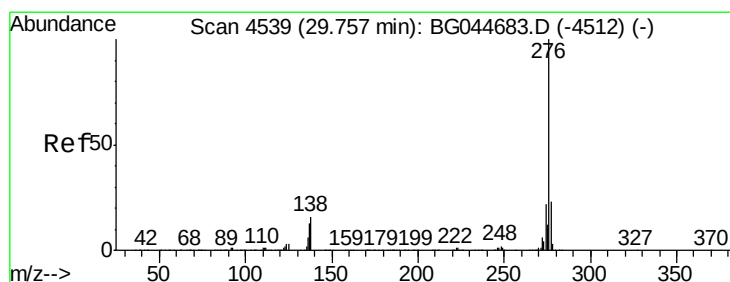
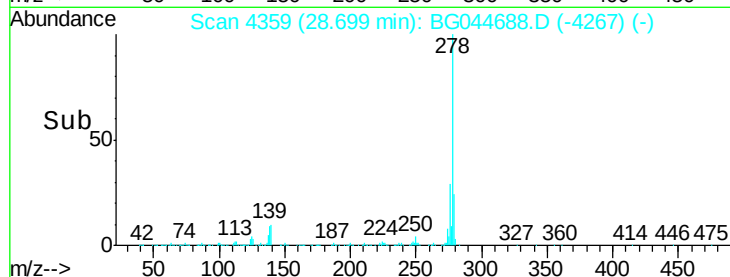
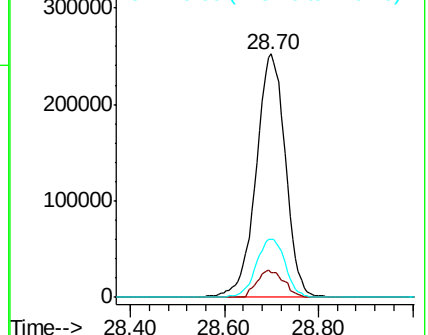
279 23.8 18.2 27.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.652 ng

RT: 29.77 min Scan# 4542

Delta R.T. 0.02 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

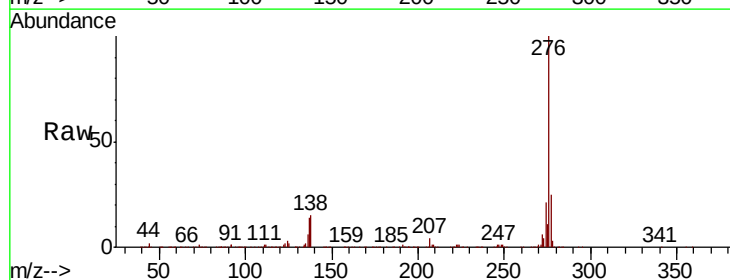
Tgt Ion:276 Resp: 1108293

Ion Ratio Lower Upper

276 100

277 24.6 18.7 28.1

138 15.0 12.7 19.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

