

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044853.D
 Acq On : 18 Mar 2020 4:24
 Operator : CG/JU
 Sample : SP5092
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 18 11:49:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	78565	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	315245	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	211809	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	497604	20.00	ng	0.00
76) Chrysene-d12	21.69	240	434219	20.00	ng	-0.01
87) Perylene-d12	24.90	264	504001	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.61	99	18698	2.55	ng	0.41
23) Nitrobenzene-d5	9.14	82	29725	4.14	ng	-0.06
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.38	172	67	0.00	ng	0.07
79) Terphenyl-d14	20.03	244	1506	0.06	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	108535	44.658	ng	98
3) Pyridine	3.90	79	293813	40.837	ng	95
4) n-Nitrosodimethylamine	3.82	42	130263	47.718	ng	90
6) Aniline	7.37	93	377993	41.427	ng	98
8) 2-Chlorophenol	7.61	128	299651	59.477	ng	99
9) Benzaldehyde	7.17	77	269447	81.141	ng	96
10) Phenol	7.23	94	410733	56.577	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	283499	48.931	ng	98
12) 1,3-Dichlorobenzene	7.94	146	314115	50.613	ng	99
13) 1,4-Dichlorobenzene	8.08	146	312850	50.989	ng	99
14) 1,2-Dichlorobenzene	8.40	146	300400	51.623	ng	96
15) Benzyl Alcohol	8.28	79	298082	50.665	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	416897	40.774	ng	99
17) 2-Methylphenol	8.49	107	266844	54.263	ng	98
18) Hexachloroethane	9.13	117	122165	50.573	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	233640	45.124	ng	98
20) 3+4-Methylphenols	8.81	107	370738	54.690	ng	97
22) Acetophenone	8.86	105	426751	47.784	ng	99
24) Nitrobenzene	9.25	77	366140	49.118	ng	97
25) Isophorone	9.77	82	649933	46.354	ng	# 97
26) 2-Nitrophenol	9.96	139	158150	59.605	ng	100
27) 2,4-Dimethylphenol	10.02	122	262574	57.506	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	381666	45.613	ng	100
29) 2,4-Dichlorophenol	10.50	162	296144	55.529	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	312585	49.018	ng	96
31) Naphthalene	10.90	128	865661	49.571	ng	99
32) Benzoic acid	10.17	122	186590	51.559	ng	97
33) 4-Chloroaniline	11.00	127	220544	28.032	ng	96
34) Hexachlorobutadiene	11.20	225	205959	49.113	ng	97
35) Caprolactam	11.77	113	63640	31.517	ng	94
36) 4-Chloro-3-methylphenol	12.12	107	334846	52.644	ng	99
37) 2-Methylnaphthalene	12.51	142	645416	49.408	ng	96
38) 1-Methylnaphthalene	12.72	142	608678	49.563	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	343719	49.275	ng	99

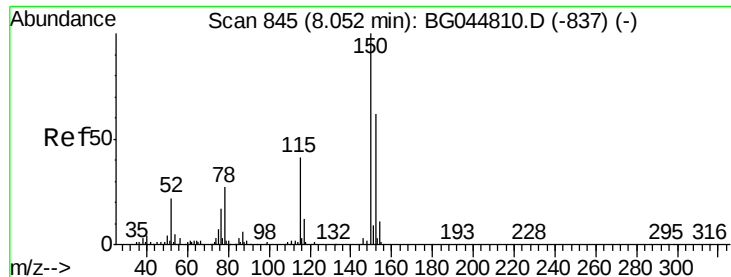
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
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 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	438892	115.130	nq	98
43) 2,4,6-Trichlorophenol	13.11	196	253009	54.654	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	267426	55.703	nq	94
46) 1,1'-Biphenyl	13.51	154	811418	47.939	nq	99
47) 2-Chloronaphthalene	13.55	162	624244	48.278	nq	98
48) 2-Nitroaniline	13.75	65	230750	50.975	nq	98
49) Acenaphthylene	14.40	152	1019956	50.351	nq	99
50) Dimethylphthalate	14.13	163	810817	48.064	nq	99
51) 2,6-Dinitrotoluene	14.24	165	190385	55.989	nq	96
52) Acenaphthene	14.75	154	736523	55.518	nq	99
53) 3-Nitroaniline	14.57	138	141648	36.233	nq	98
54) 2,4-Dinitrophenol	14.77	184	196972	107.643	nq	94
55) Dibenzofuran	15.07	168	970452	50.444	nq	99
56) 4-Nitrophenol	14.88	139	334764	112.201	nq	94
57) 2,4-Dinitrotoluene	15.03	165	264253	56.663	nq	99
58) Fluorene	15.73	166	806891	50.987	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	253896	57.442	nq	97
60) Diethylphthalate	15.50	149	832426	47.311	nq	98
61) 4-Chlorophenyl-phenylether	15.72	204	425216	49.900	nq	97
62) 4-Nitroaniline	15.74	138	200069	47.993	nq	98
63) Azobenzene	16.01	77	857821	46.949	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	146885	60.356	nq	98
66) n-Nitrosodiphenylamine	15.93	169	727843	48.583	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	297405	47.808	nq	99
68) Hexachlorobenzene	16.74	284	328002	48.601	nq	99
69) Atrazine	16.88	200	299608	54.586	nq	98
70) Pentachlorophenol	17.08	266	411730	110.879	nq	99
71) Phenanthrene	17.47	178	1286712	48.389	nq	99
72) Anthracene	17.56	178	1319256	50.314	nq	98
73) Carbazole	17.82	167	1247566	49.533	nq	99
74) Di-n-butylphthalate	18.39	149	1453484	47.473	nq	100
75) Fluoranthene	19.47	202	1588127	50.160	nq	98
77) Benzidine	19.65	184	1155461	81.968	nq	100
78) Pyrene	19.83	202	1559401	48.950	nq	97
80) Butylbenzylphthalate	20.72	149	687977	48.543	nq	98
81) Benzo(a)anthracene	21.67	228	1513846	48.417	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	380269	31.437	nq	96
83) Chrysene	21.74	228	1449957	48.547	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	937128	47.911	nq	99
85) Di-n-octyl phthalate	22.81	149	1591015	48.608	nq	99
86) Indeno(1,2,3-cd)pyrene	28.55	276	1912224	48.836	nq	# 97
88) Benzo(b)fluoranthene	23.89	252	1642565	49.366	nq	98
89) Benzo(k)fluoranthene	23.95	252	1524710	48.423	nq	100
90) Benzo(a)pyrene	24.75	252	1488644	47.814	nq	98
91) Dibenzo(a,h)anthracene	28.62	278	1552274	50.538	nq	97
92) Benzo(g,h,i)perylene	29.69	276	1560692	50.292	nq	98

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

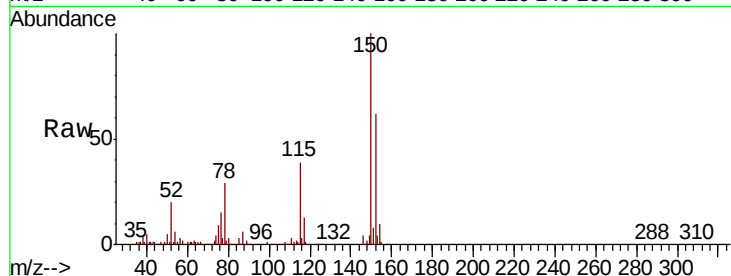


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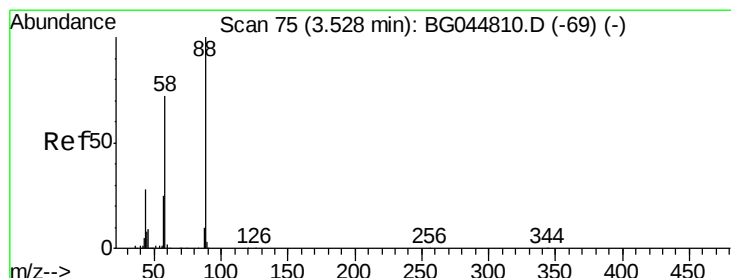
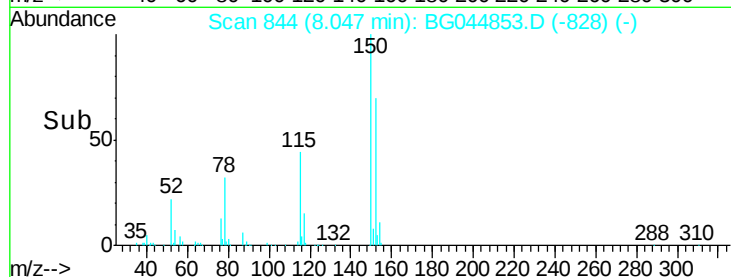
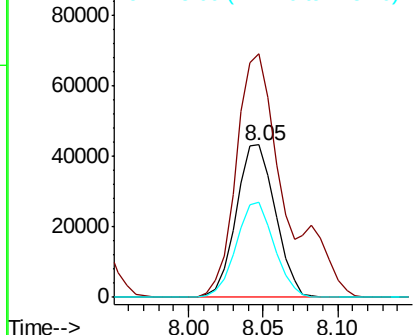
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	128.8	193.2
115	62.8	52.6	79.0



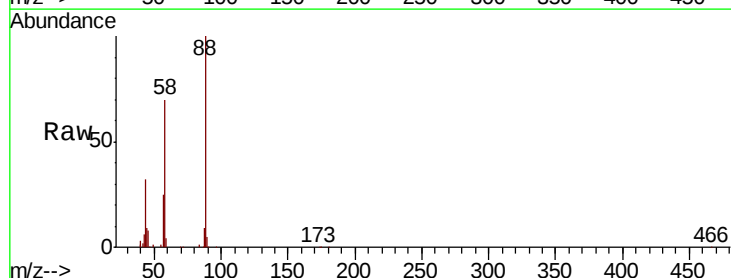
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



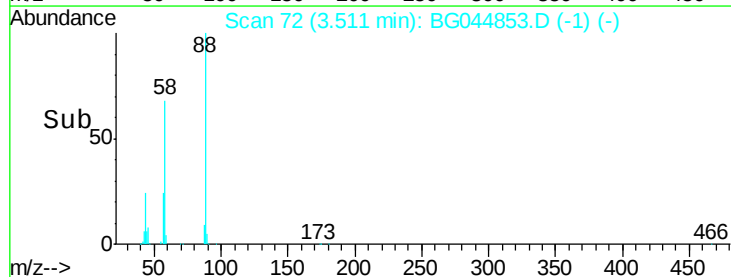
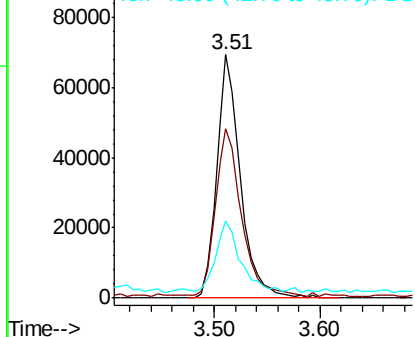
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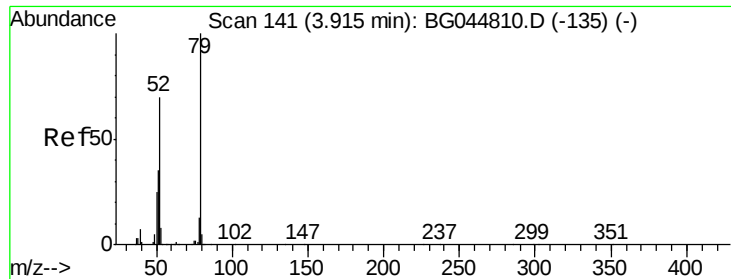
1,4-Dioxane
Concen: 44.658 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.02 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.3	63.0	94.4
43	30.1	24.8	37.2



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: 40.837 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_N

ClientSampleId :

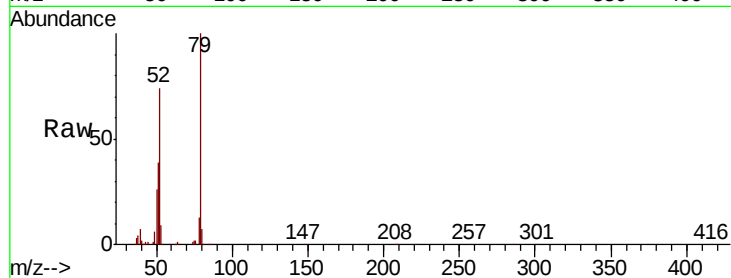
Tot Ion: 79 Resp: 293813

Ion Ratio Lower Upper

79 100

52 73.8 56.3 84.5

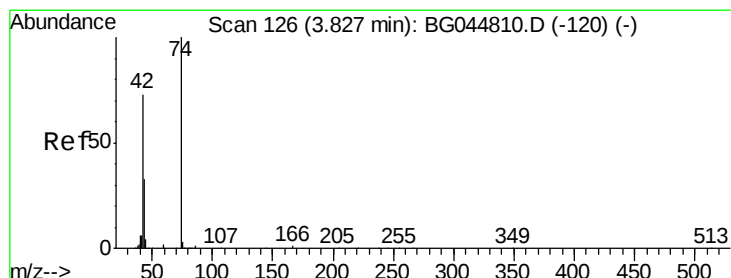
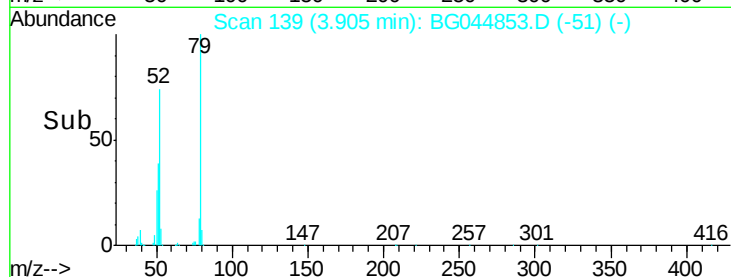
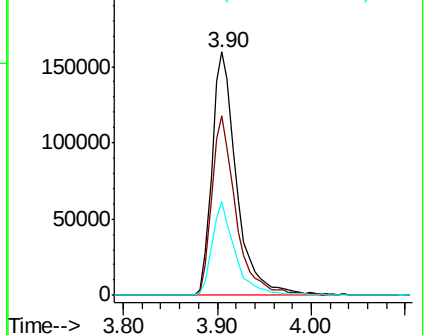
51 38.6 28.1 42.1



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: 47.718 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

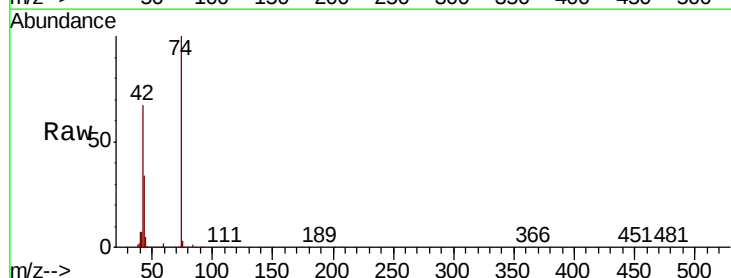
Tgt Ion: 42 Resp: 130263

Ion Ratio Lower Upper

42 100

74 148.4 109.1 163.7

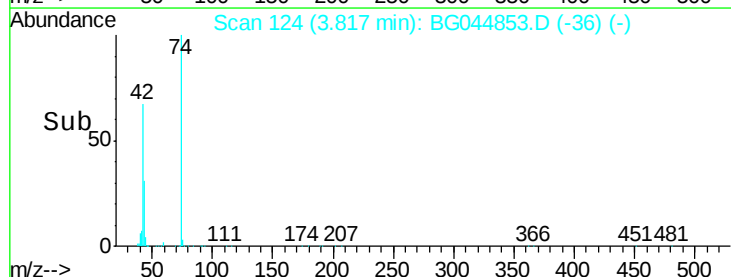
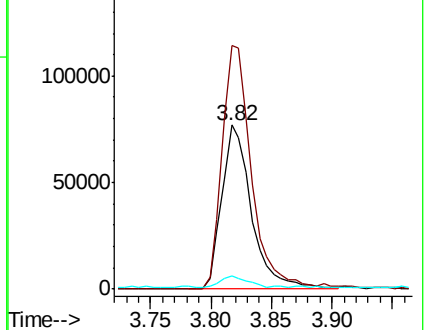
44 8.0 5.4 8.2

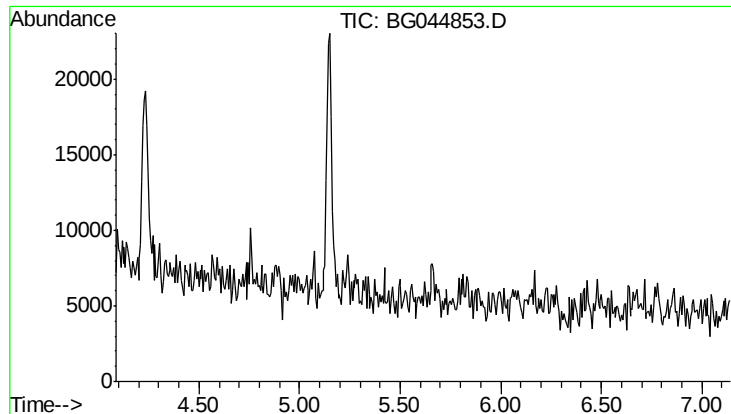


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC

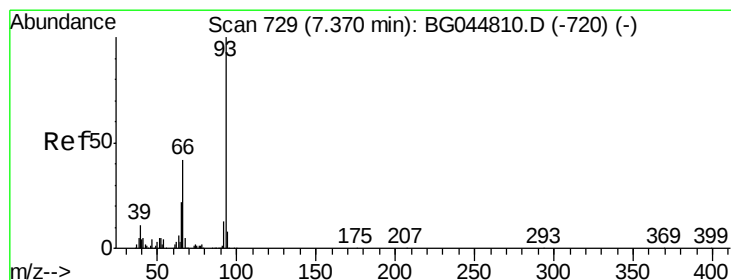
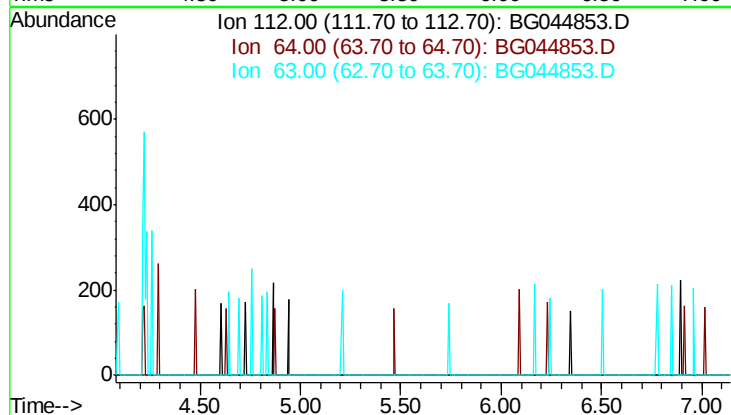




#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.61 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

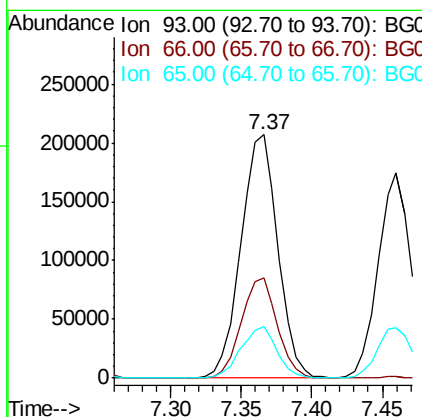
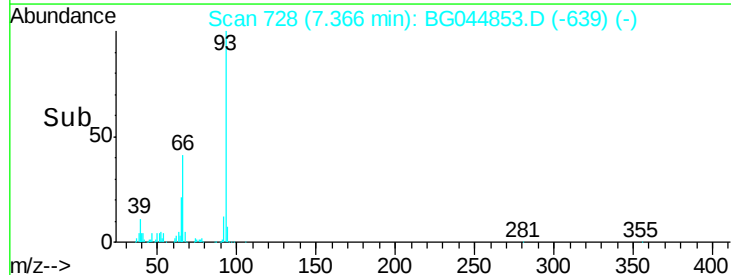
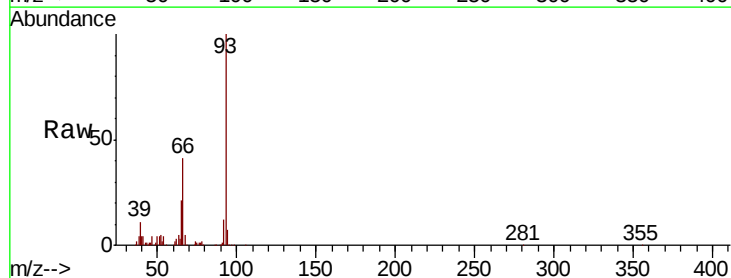
Instrument :
 BNA_N
 ClientSampleId :

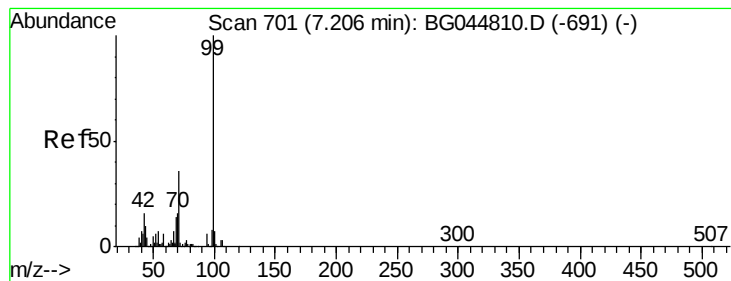
Tot Ion	112
Exp Ratio	100
64	66.8
63	36.8



#6
 Aniline
 Concen: 41.427 ng
 RT: 7.37 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Tgt Ion	93	Resp	Lower	Upper
Ion Ratio	100			
66	41.2	33.7	50.5	
65	21.3	17.7	26.5	





#7

Phenol-d6

Concen: 2.550 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.41 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_N

ClientSampleId :

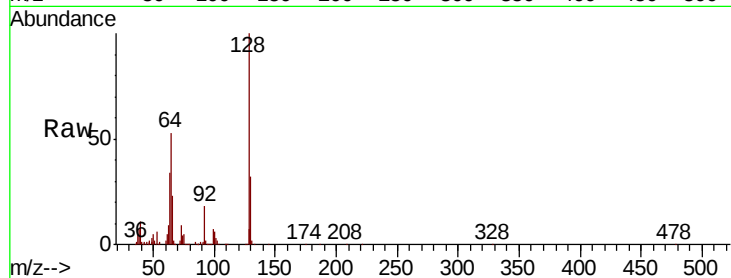
Tot Ion: 99 Resp: 18698

Ion Ratio Lower Upper

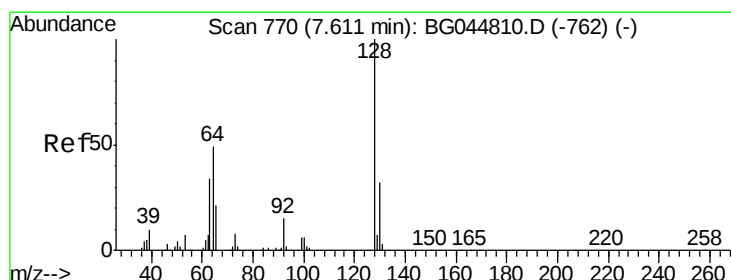
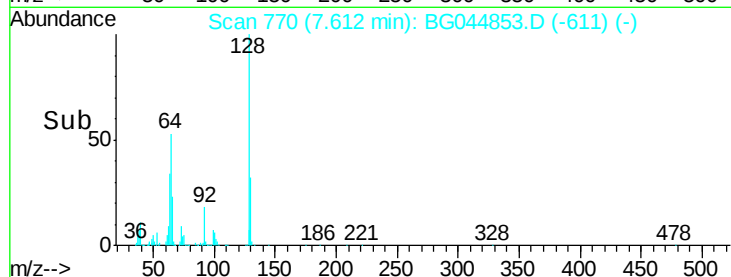
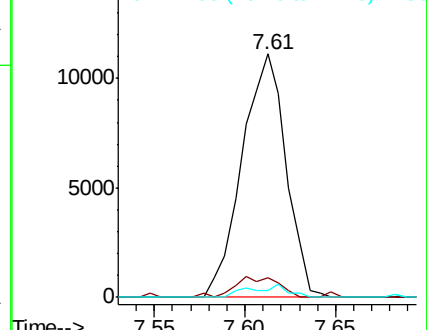
99 100

42 7.8 12.6 19.0#

71 2.6 29.0 43.4#



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: 59.477 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

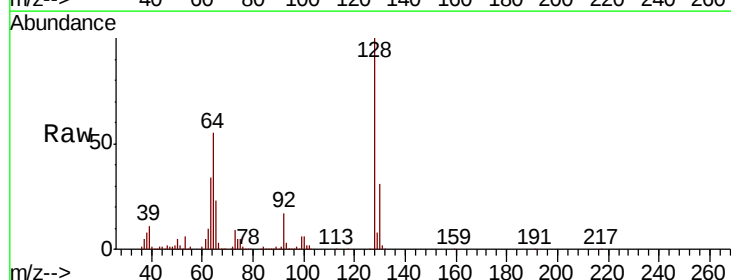
Tgt Ion: 128 Resp: 299651

Ion Ratio Lower Upper

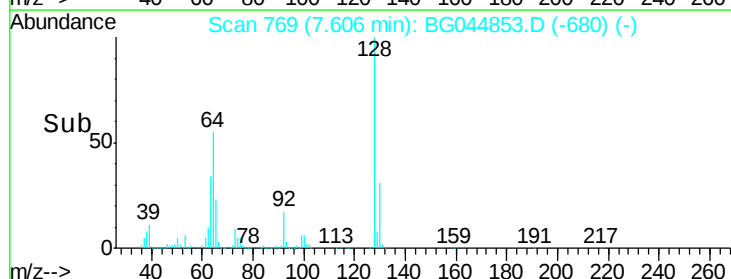
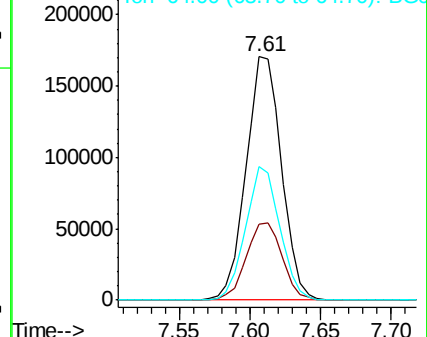
128 100

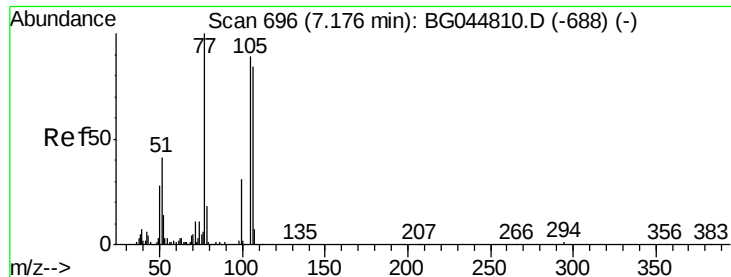
130 31.3 11.6 51.6

64 55.0 34.5 74.5



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: 81.141 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_N

ClientSampleId :

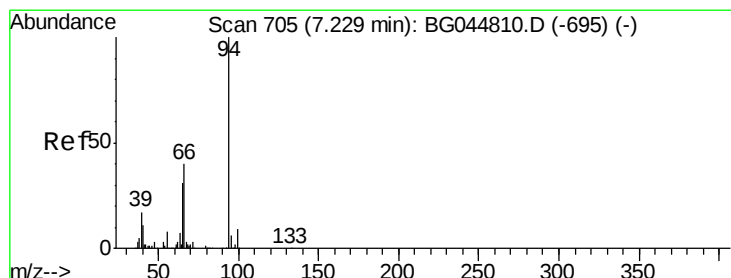
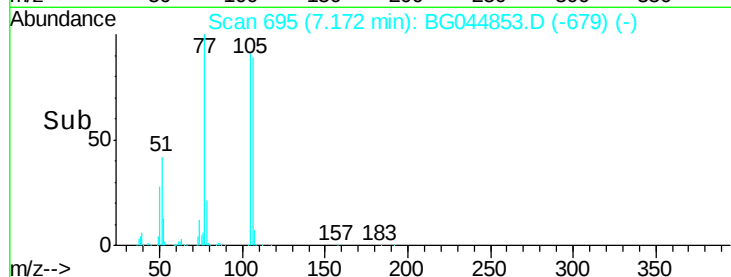
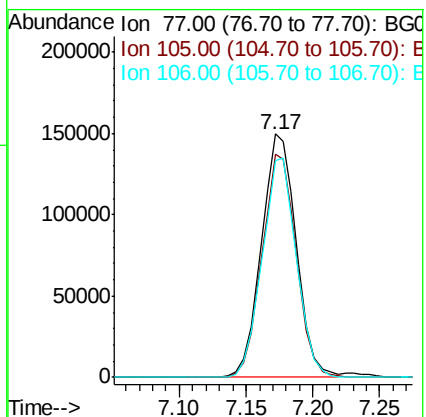
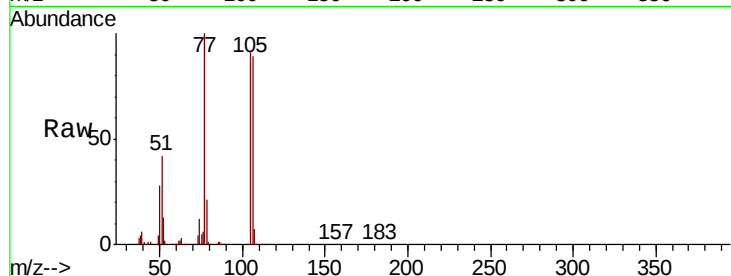
Tot Ion: 77 Resp: 269447

Ion Ratio Lower Upper

77 100

105 91.4 69.3 109.3

106 89.2 64.5 104.5



#10

Phenol

Concen: 56.577 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

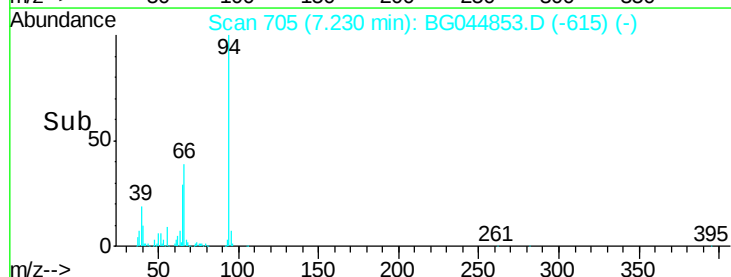
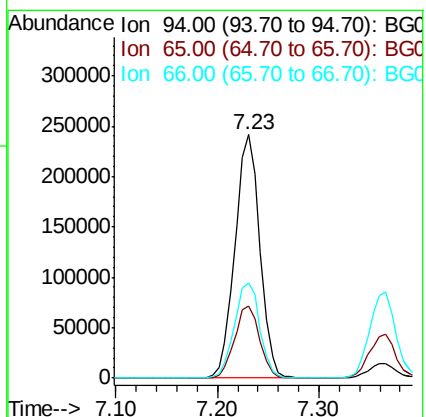
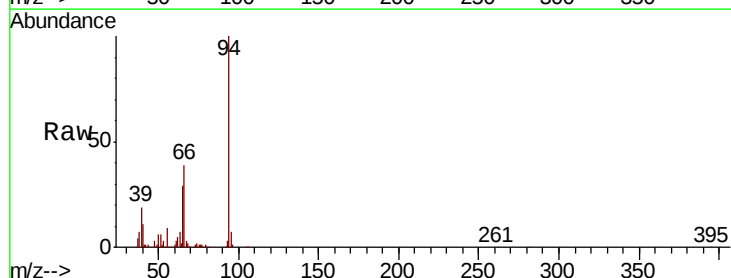
Tgt Ion: 94 Resp: 410733

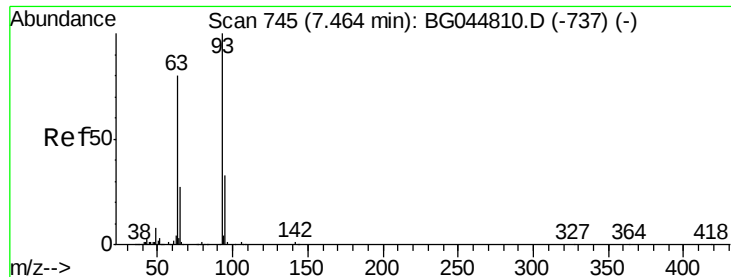
Ion Ratio Lower Upper

94 100

65 29.5 11.0 51.0

66 39.3 20.1 60.1

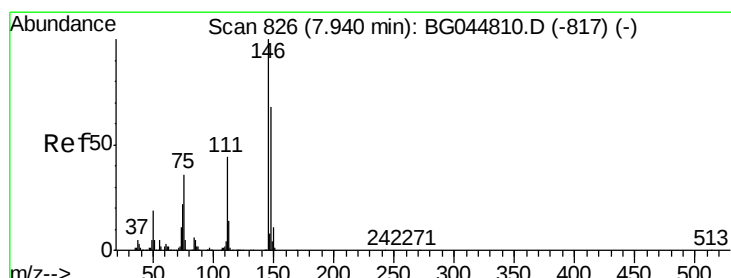
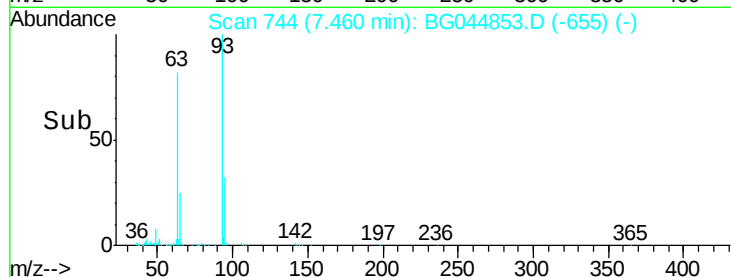
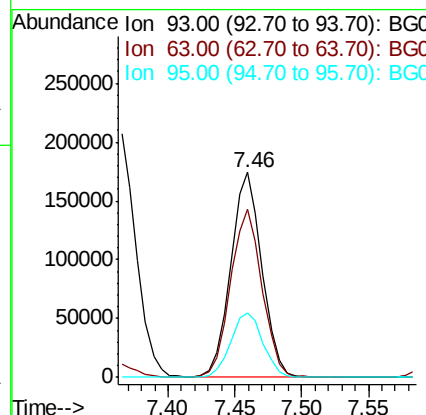
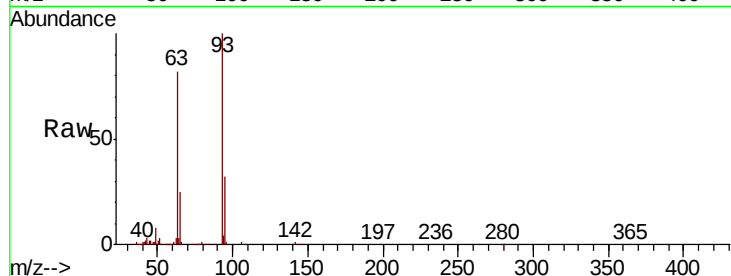




#11
bis(2-Chloroethyl)ether
Concen: 48.931 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

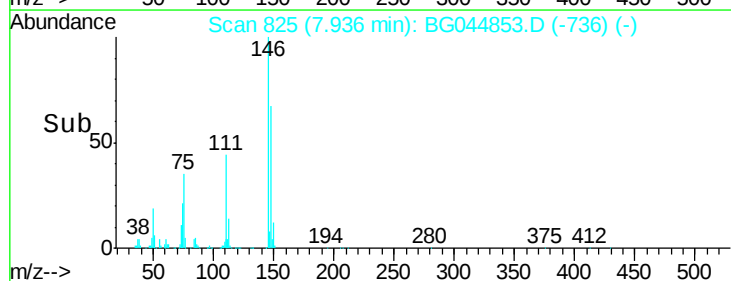
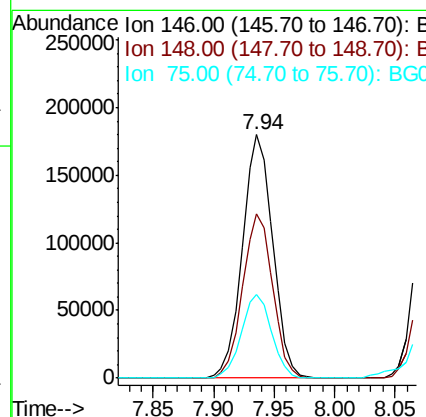
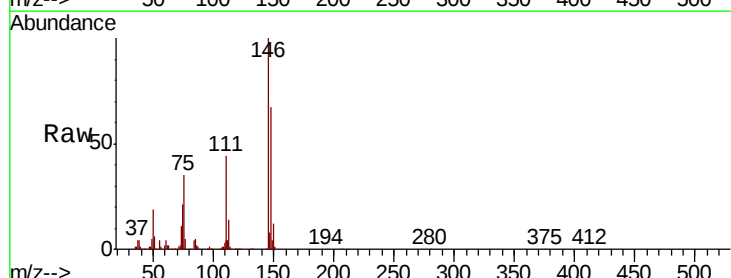
Instrument :
BNA_N
ClientSampleId :

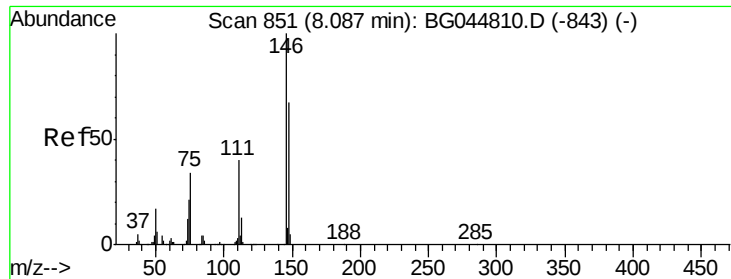
Tot Ion	93	Resp	283499
Ion Ratio	Lower	Upper	
93	100		
63	81.8	59.7	99.7
95	31.6	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 50.613 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	146	Resp	314115
Ion Ratio	Lower	Upper	
146	100		
148	67.4	54.2	81.4
75	34.5	28.6	42.8

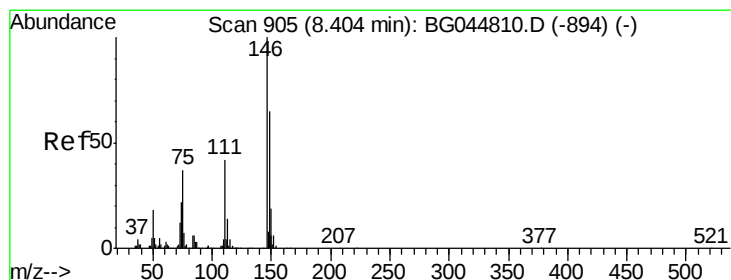
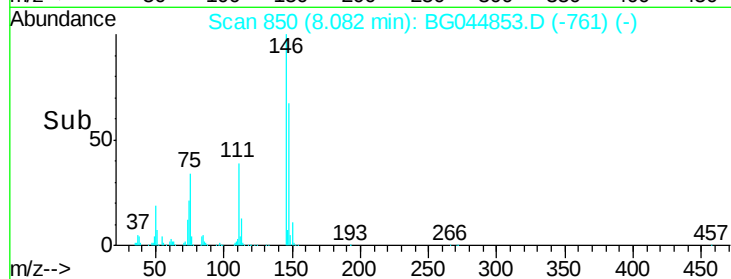
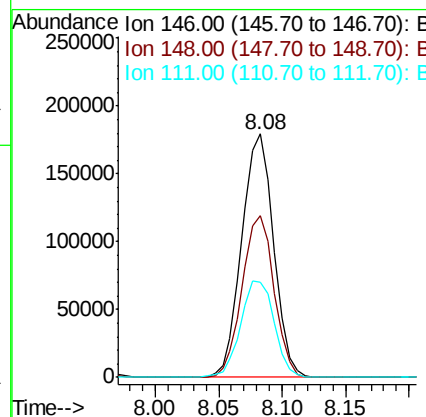
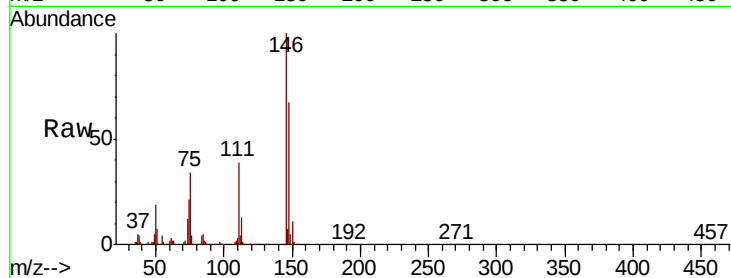




#13
 1,4-Dichlorobenzene
 Concen: 50.989 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

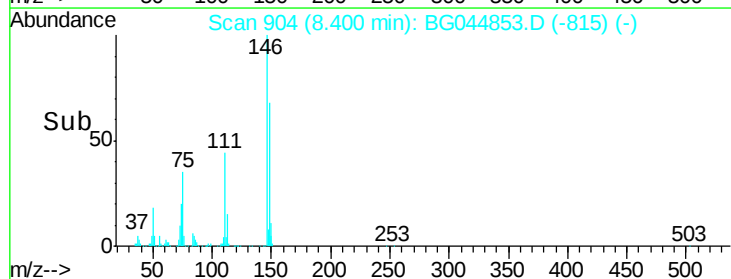
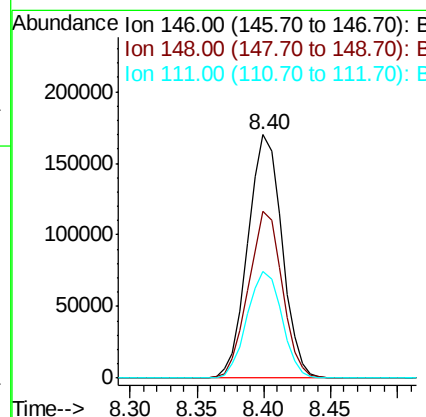
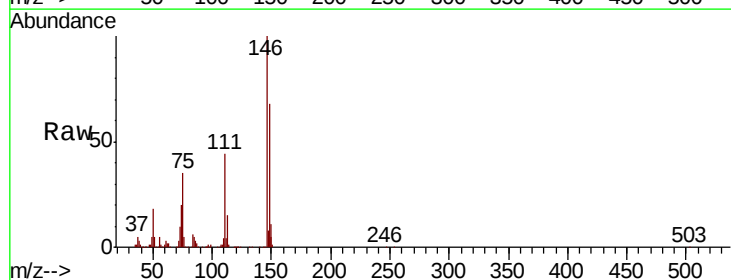
Instrument :
 BNA_N
 ClientSampleId :

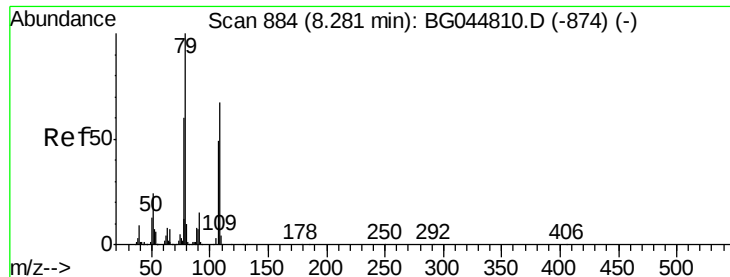
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.6	53.8	80.6
111	39.0	32.0	48.0



#14
 1,2-Dichlorobenzene
 Concen: 51.623 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.3	52.1	78.1
111	43.9	33.4	50.2





#15

Benzyl Alcohol

Concen: 50.665 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_N

ClientSampleId :

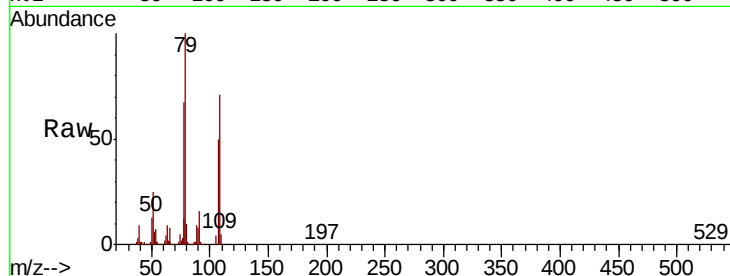
Tot Ion: 79 Resp: 298082

Ion Ratio Lower Upper

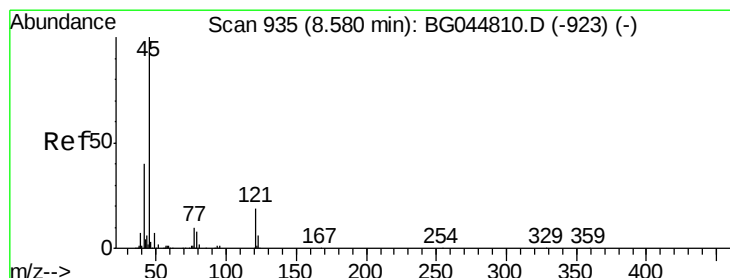
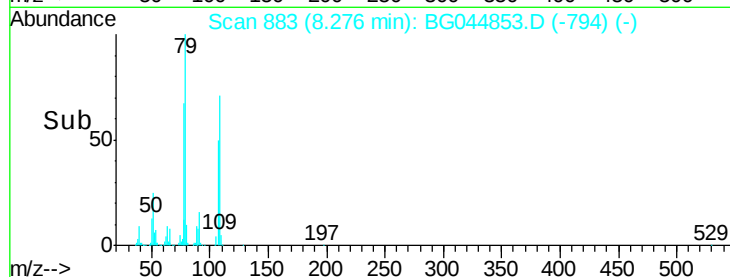
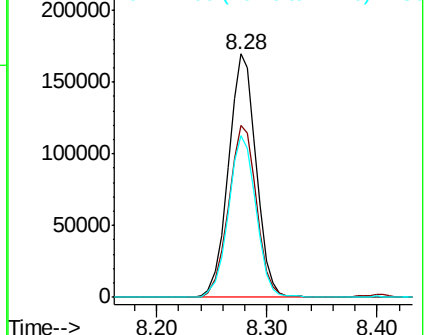
79 100

108 70.8 53.8 80.8

77 66.6 47.8 71.8



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: 40.774 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

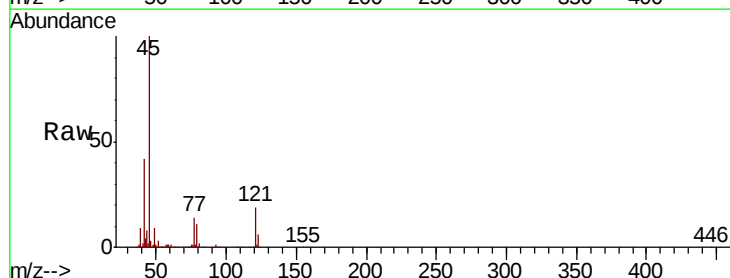
Tgt Ion: 45 Resp: 416897

Ion Ratio Lower Upper

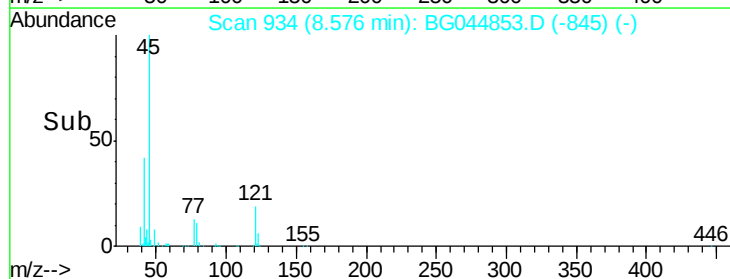
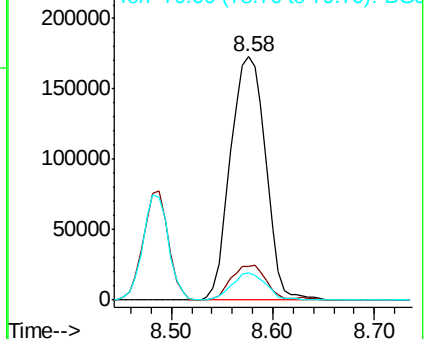
45 100

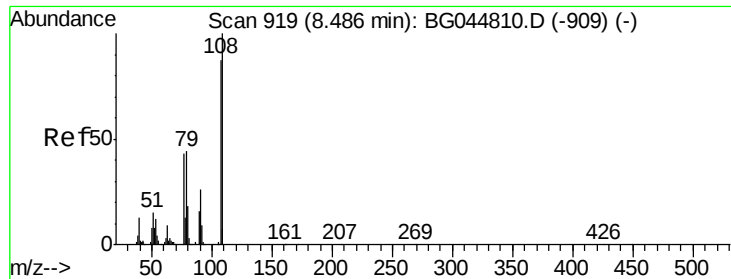
77 13.7 0.0 33.9

79 11.5 0.0 30.8



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

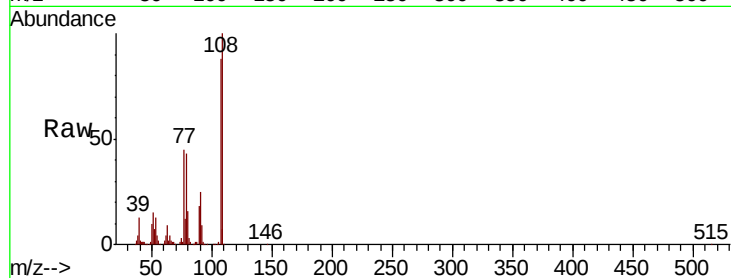




#17
2-Methylphenol
Concen: 54.263 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	107	Resp:	266844
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.8	137.8
77	51.3	40.0	60.0
79	48.5	40.2	60.2



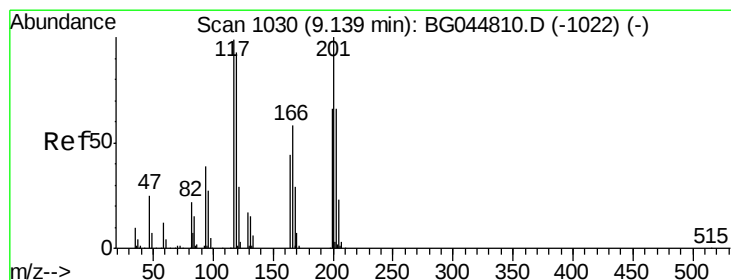
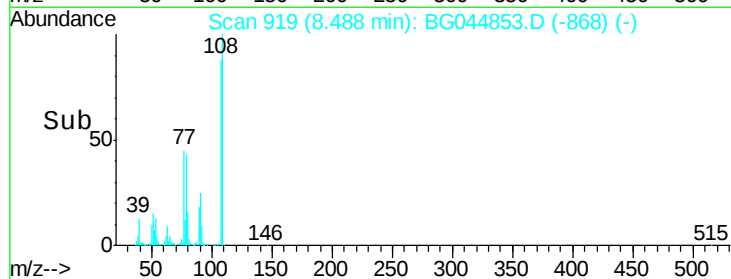
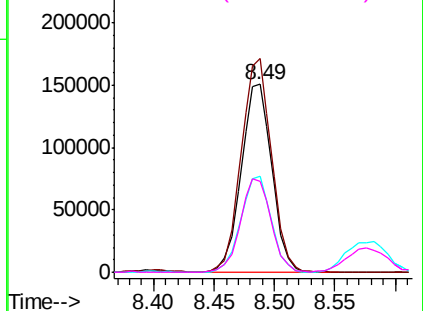
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

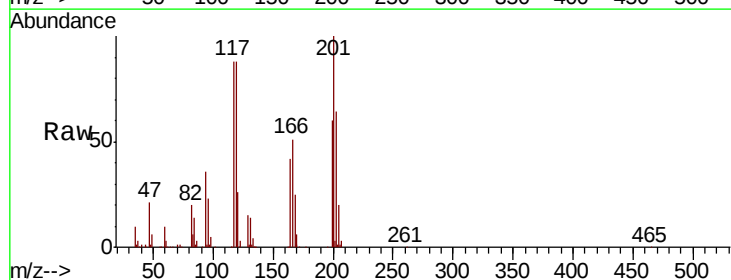
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 50.573 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion:	117	Resp:	122165
Ion	Ratio	Lower	Upper
117	100		
119	99.3	75.2	112.8
201	113.1	81.1	121.7

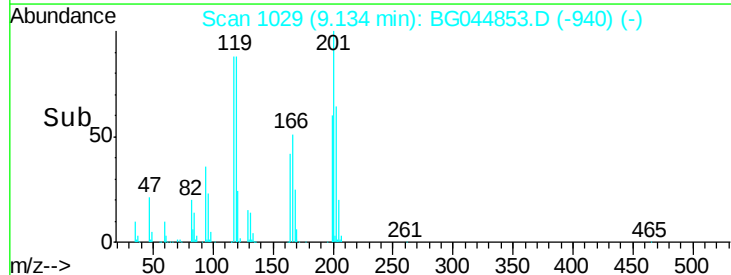
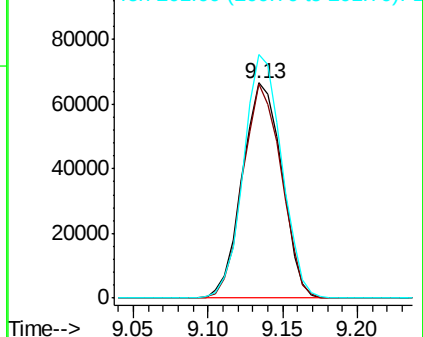


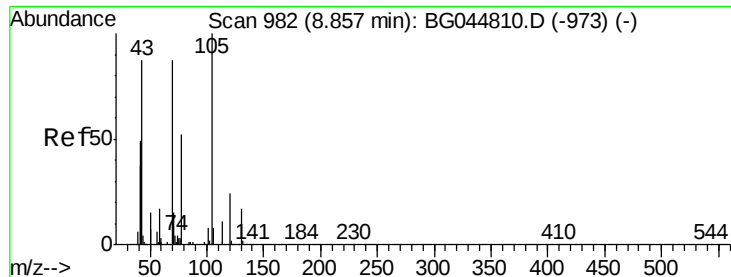
Abundance

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

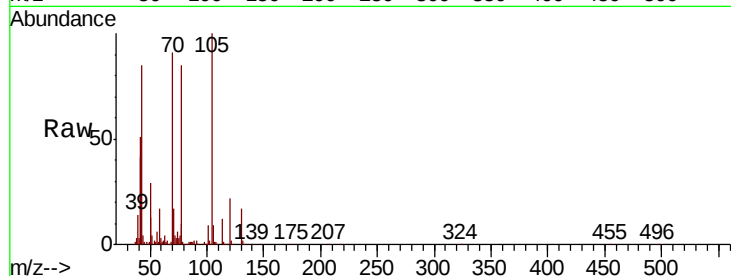




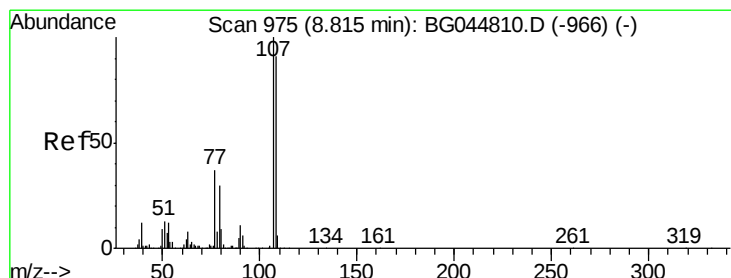
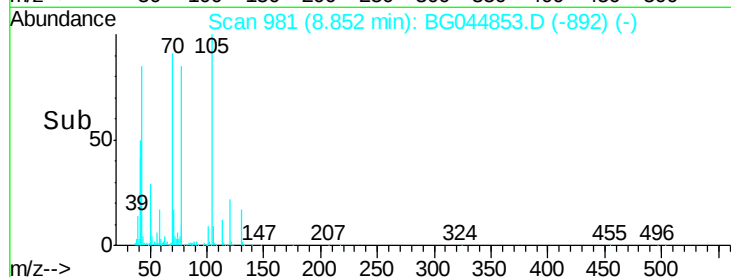
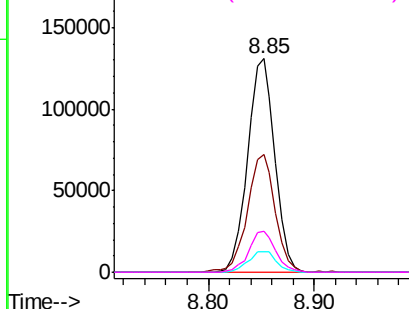
#19
n-Nitroso-di-n-propylamine
Concen: 45.124 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 70 Resp: 233640
Ion Ratio Lower Upper
70 100
42 55.4 45.7 68.5
101 9.9 7.4 11.2
130 19.1 15.9 23.9

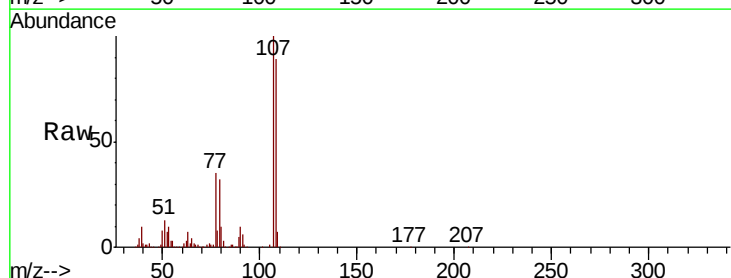


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

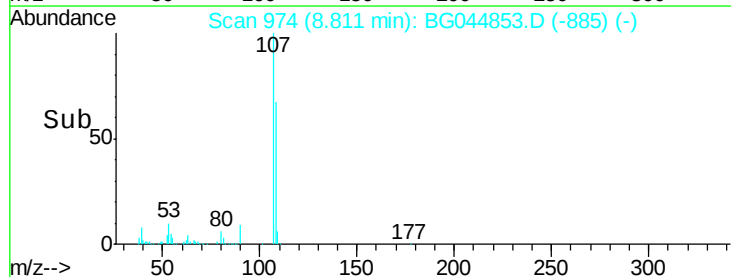
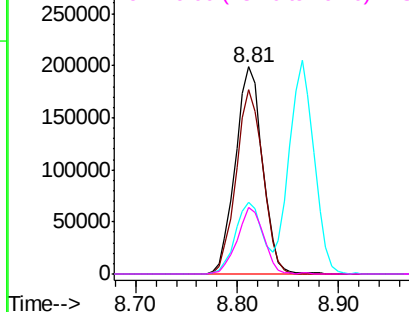


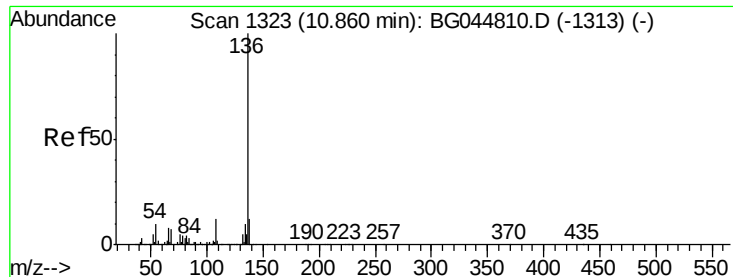
#20
3+4-Methylphenols
Concen: 54.690 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion: 107 Resp: 370738
Ion Ratio Lower Upper
107 100
108 89.3 71.3 111.3
77 34.9 16.9 56.9
79 32.4 9.7 49.7



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

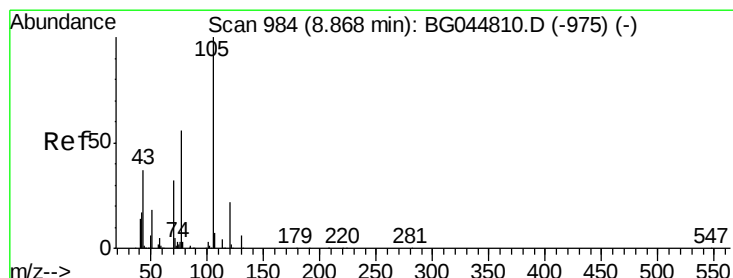
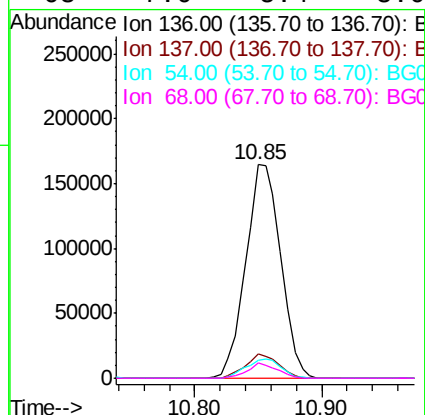
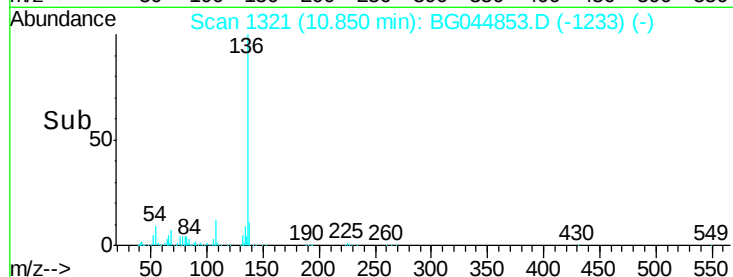
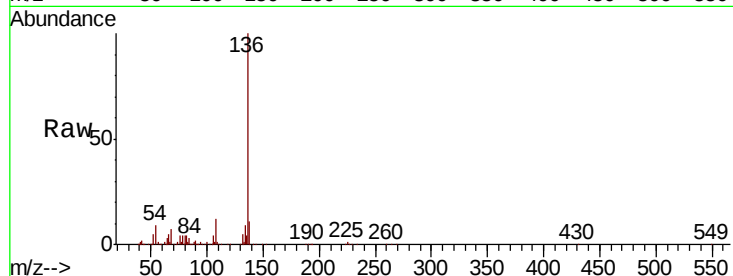




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

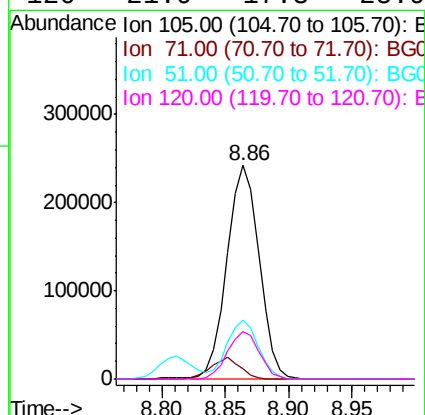
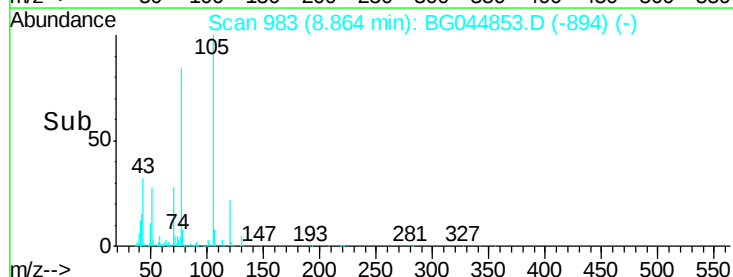
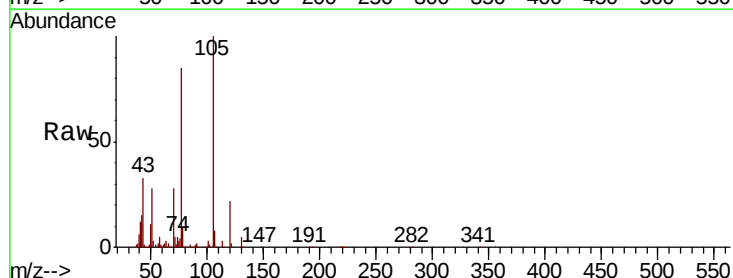
Instrument :
BNA_N
ClientSampleId :

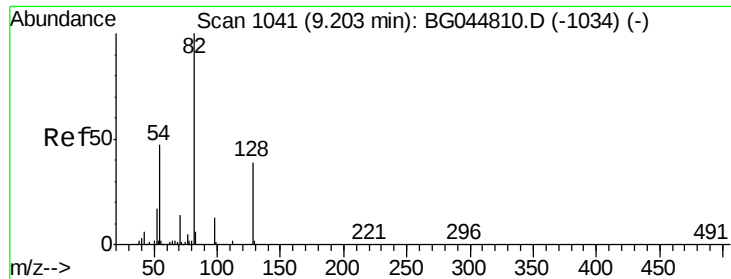
Tot Ion:136	Resp:	315245
Ion Ratio	Lower	Upper
136 100		
137 11.2	9.8	14.6
54 8.5	7.9	11.9
68 7.0	5.4	8.0



#22
Acetophenone
Concen: 47.784 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt	Ion:105	Resp:	426751
Ion	Ratio	Lower	Upper
105	100		
71	4.9	3.9	5.9
51	27.6	22.6	33.8
120	21.9	17.3	25.9

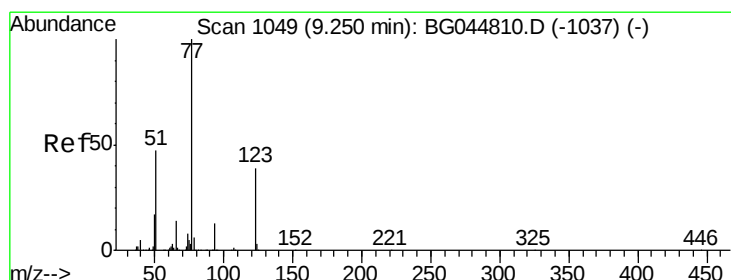
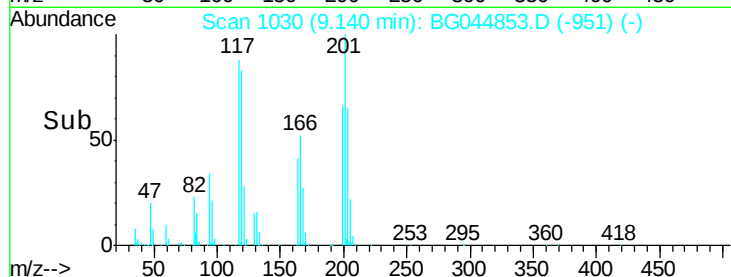
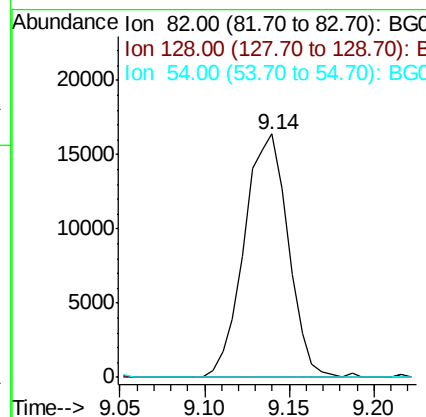
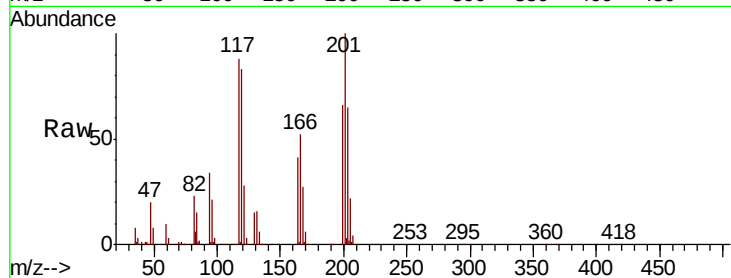




#23
 Nitrobenzene-d5
 Concen: 4.138 ng
 RT: 9.14 min Scan# 1030
 Delta R.T. -0.06 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

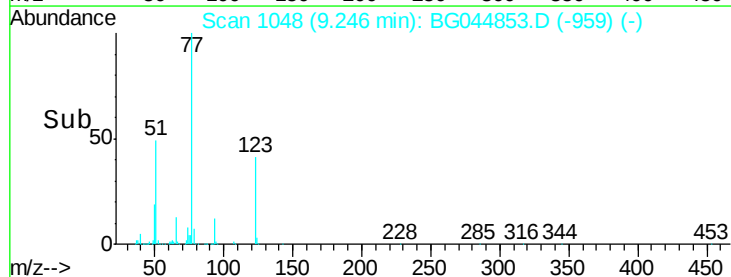
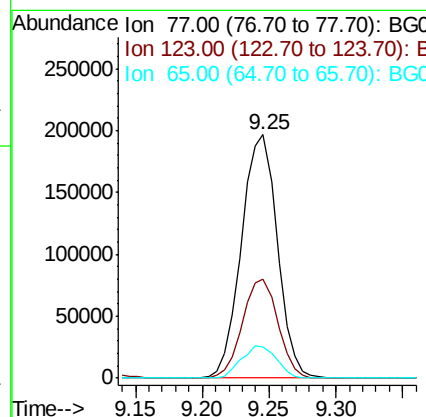
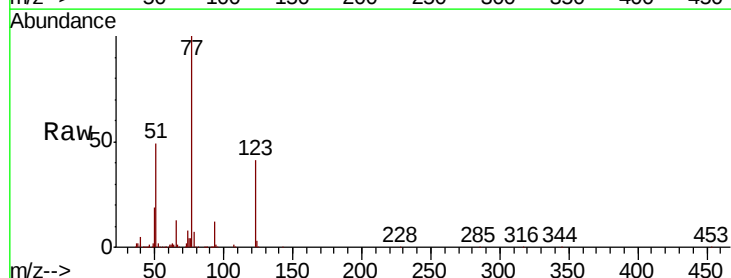
Instrument :
 BNA_N
 ClientSampleId :

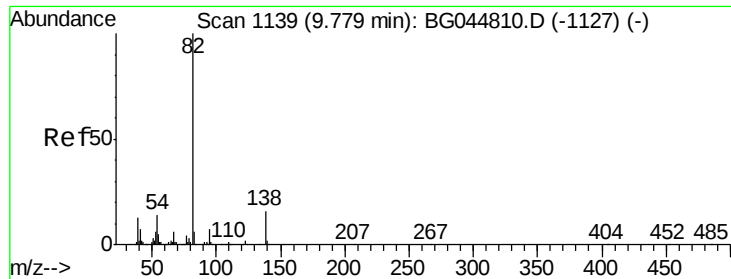
Tot Ion: 82 Resp: 29725
 Ion Ratio Lower Upper
 82 100
 128 0.0 30.6 46.0#
 54 0.0 37.1 55.7#



#24
 Nitrobenzene
 Concen: 49.118 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Tgt Ion: 77 Resp: 366140
 Ion Ratio Lower Upper
 77 100
 123 40.6 31.3 46.9
 65 13.0 11.4 17.0

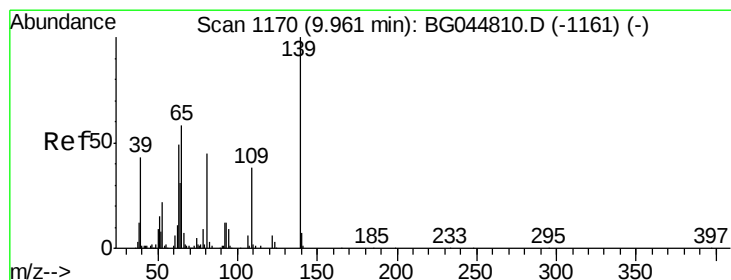
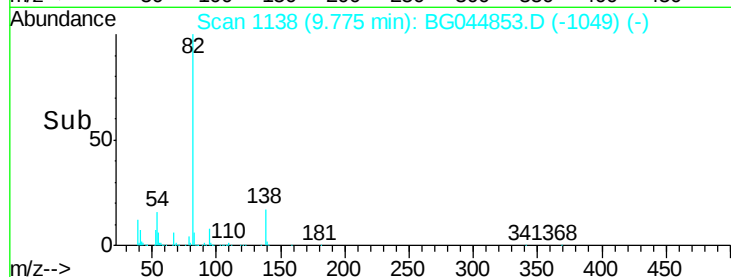
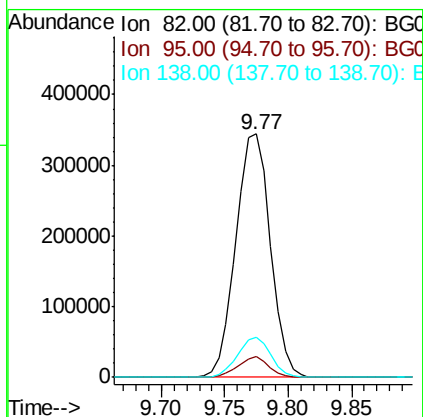
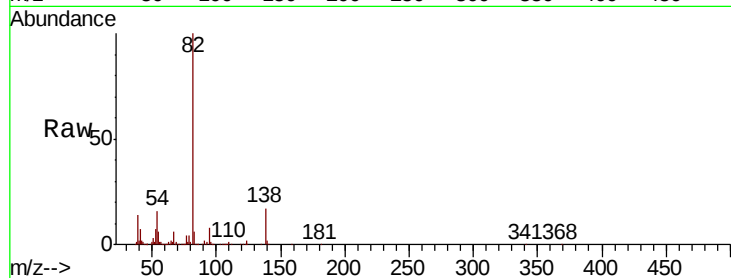




#25
Isophorone
Concen: 46.354 ng
RT: 9.77 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

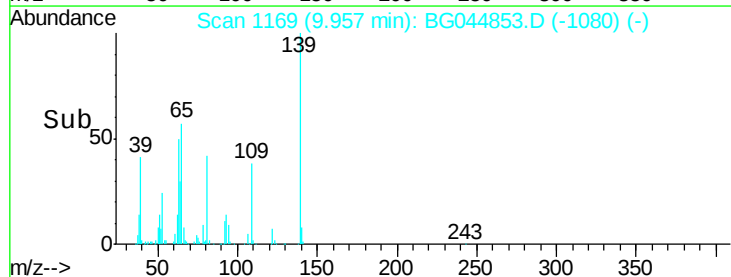
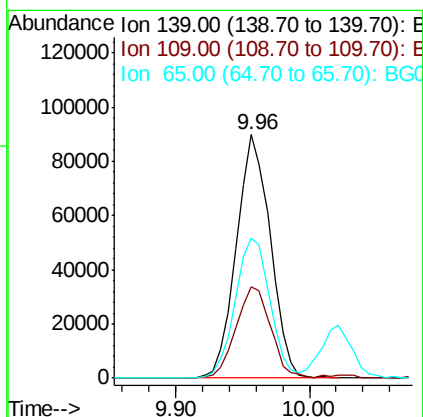
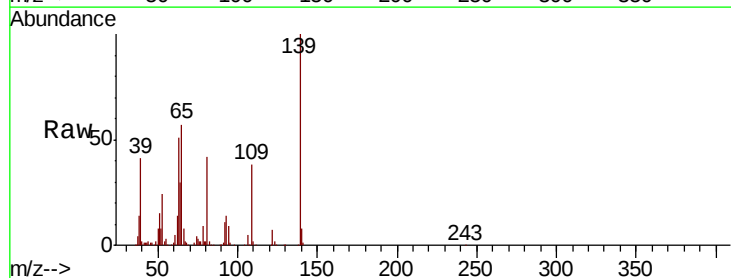
Instrument :
BNA_N
ClientSampled :

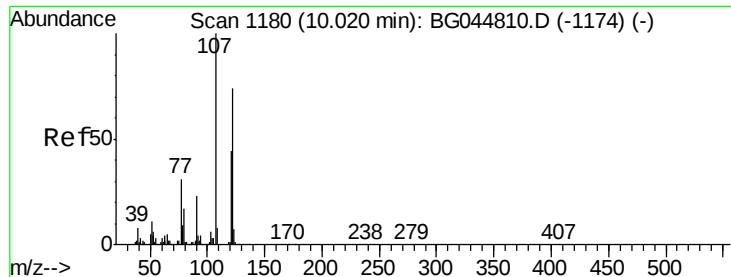
Tot Ion	Ratio	Lower	Upper
82	100		
95	8.3	5.5	8.3#
138	16.7	12.5	18.7



#26
2-Nitrophenol
Concen: 59.605 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	37.7	30.2	45.4
65	57.5	46.3	69.5

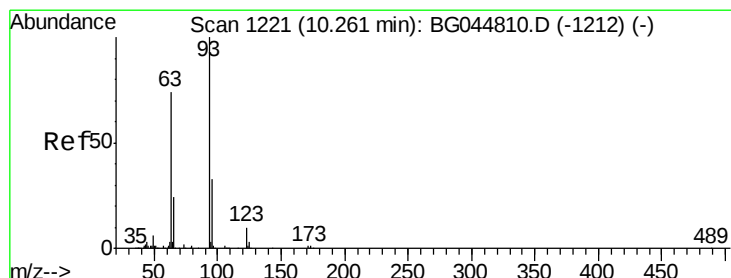
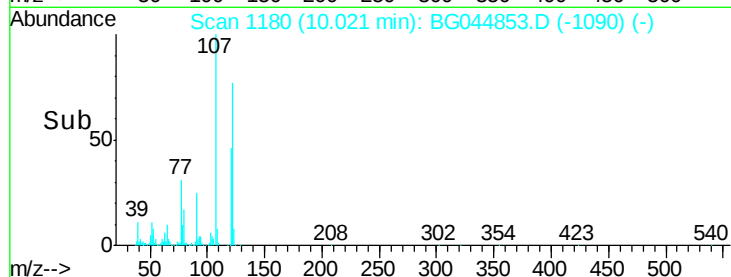
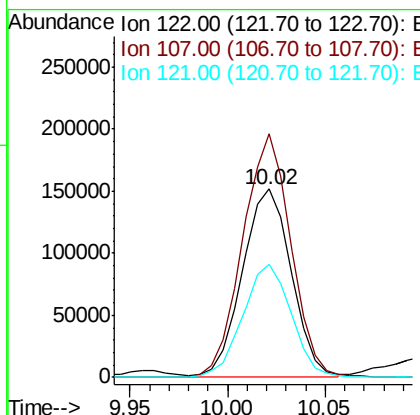
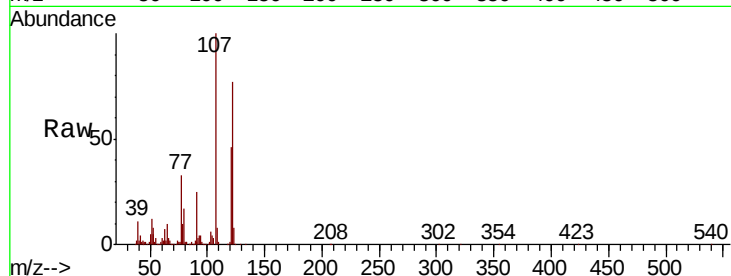




#27
 2,4-Dimethylphenol
 Concen: 57.506 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

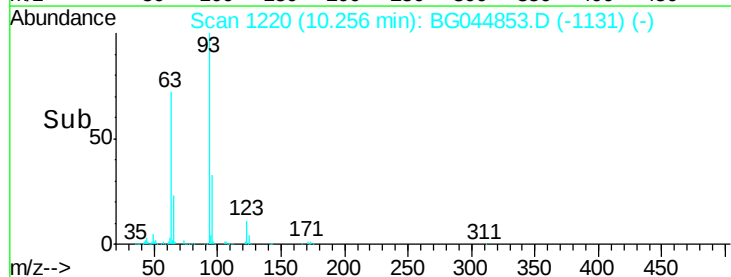
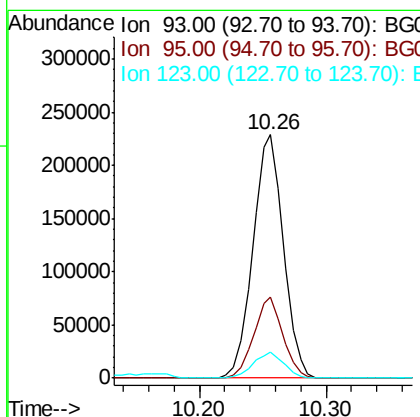
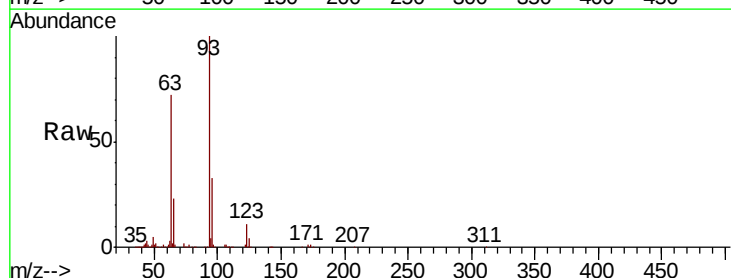
Instrument :
 BNA_N
 ClientSampled :

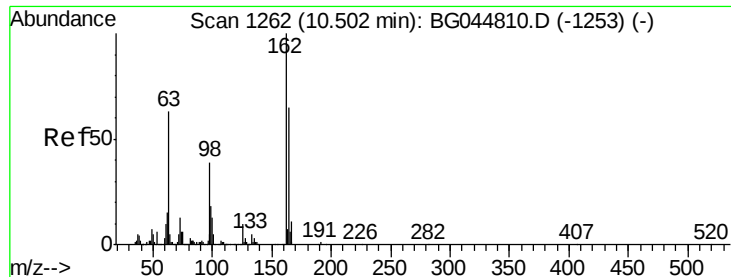
Tot Ion:122 Resp: 262574
 Ion Ratio Lower Upper
 122 100
 107 129.4 107.1 160.7
 121 60.1 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.613 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Tgt Ion: 93 Resp: 381666
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.4 39.6
 123 10.5 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 55.529 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_N

ClientSampleId :

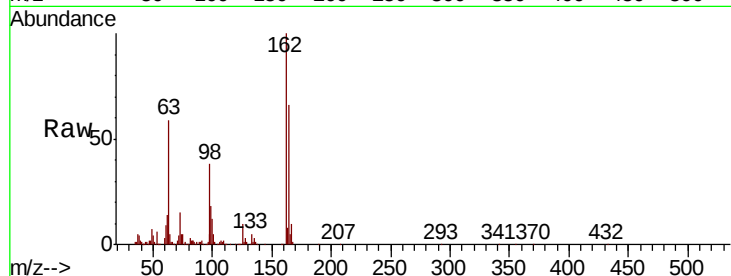
Tot Ion:162 Resp: 296144

Ion Ratio Lower Upper

162 100

164 65.6 45.2 85.2

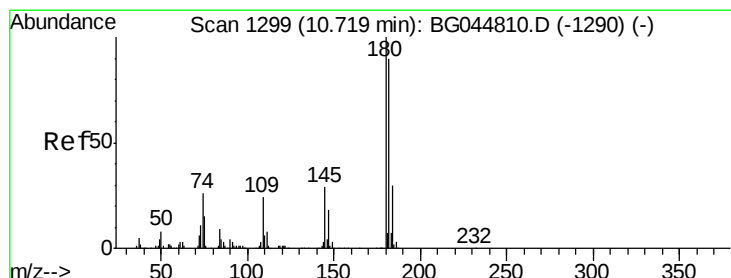
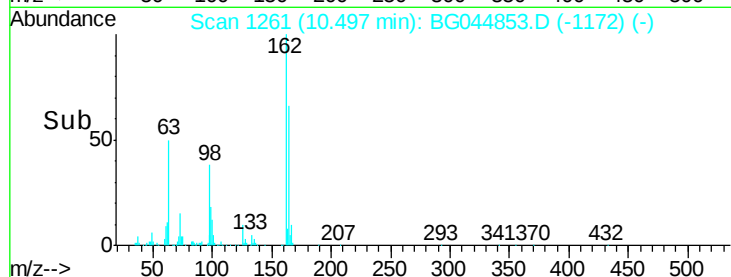
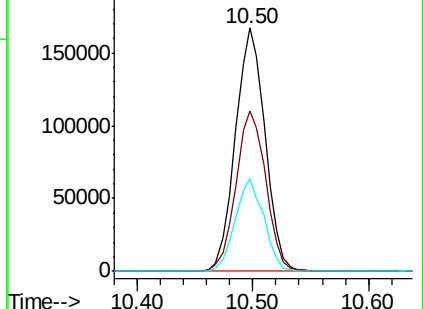
98 38.2 19.0 59.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 49.018 ng

RT: 10.71 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

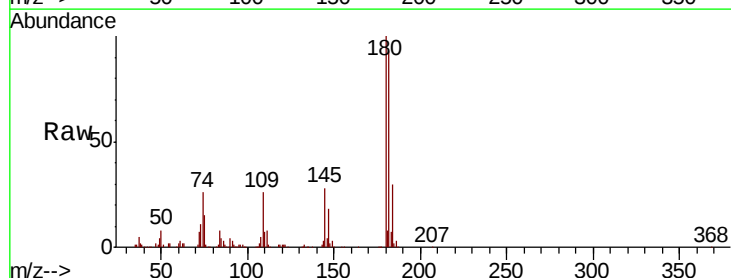
Tgt Ion:180 Resp: 312585

Ion Ratio Lower Upper

180 100

182 93.4 71.6 107.4

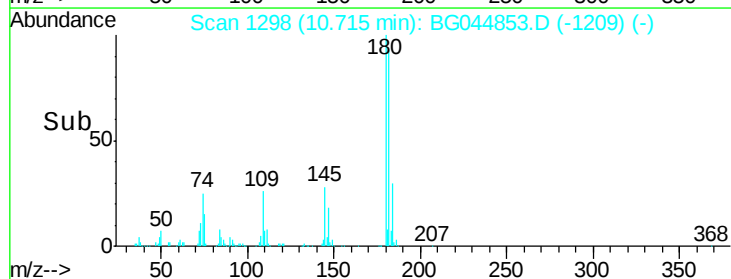
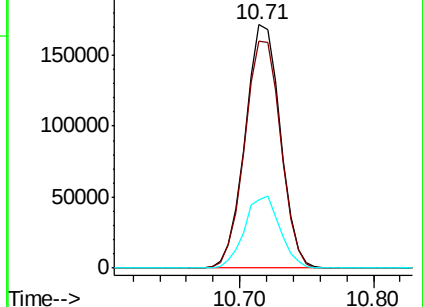
145 28.2 23.4 35.0



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

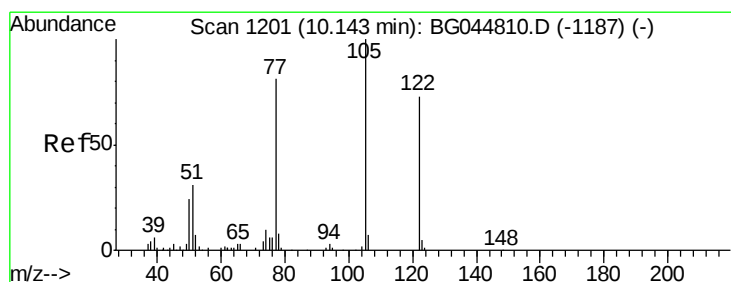
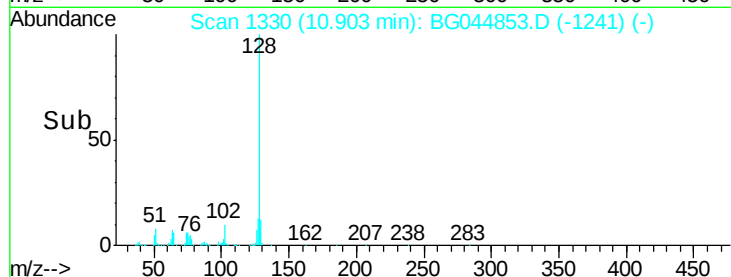
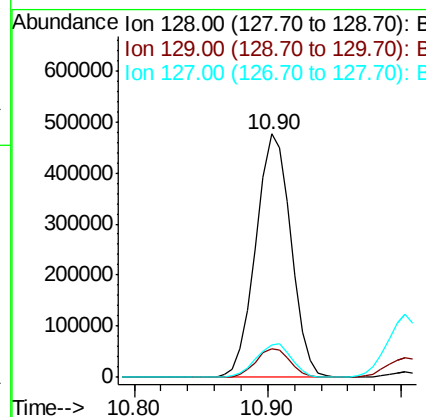
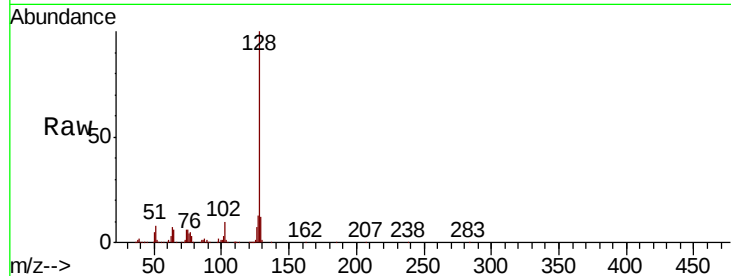




#31
Naphthalene
Concen: 49.571 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

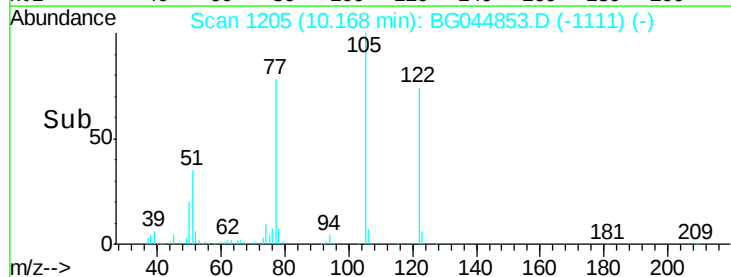
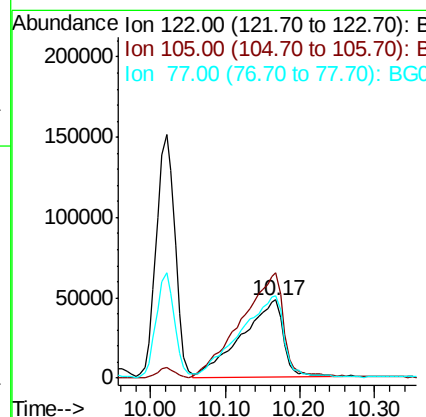
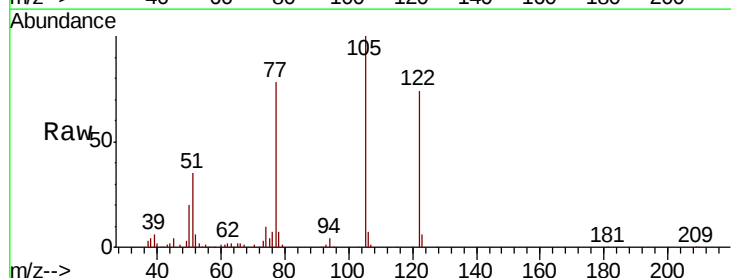
Instrument :
BNA_N
ClientSampleId :

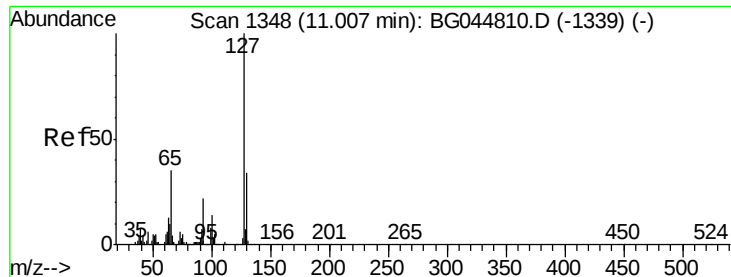
Tot Ion:128 Resp: 865661
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 51.559 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.02 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion:122 Resp: 186590
Ion Ratio Lower Upper
122 100
105 135.1 109.1 149.1
77 106.0 85.3 125.3

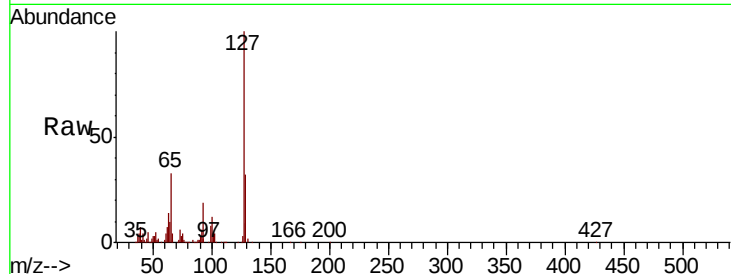




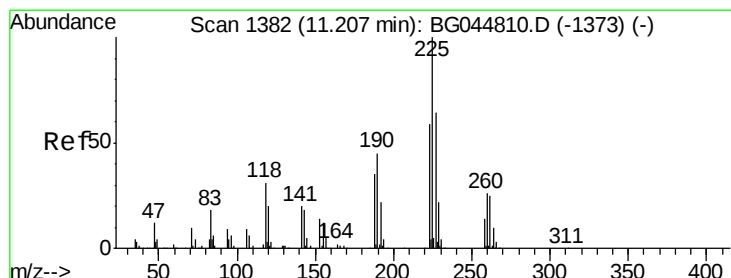
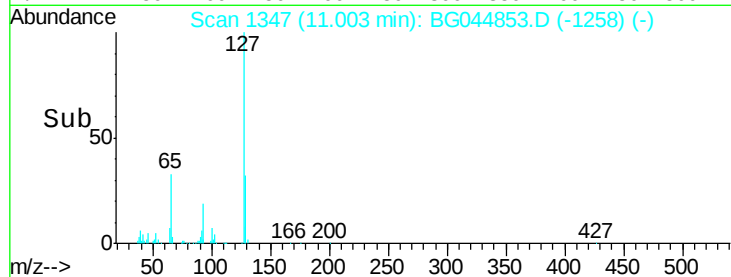
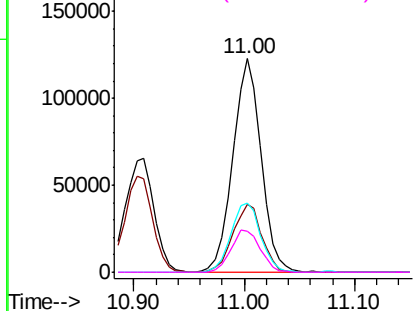
#33
4-Chloroaniline
Concen: 28.032 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	127	Resp:	220544
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.9	40.3
65	32.6	27.7	41.5
92	19.2	17.4	26.2

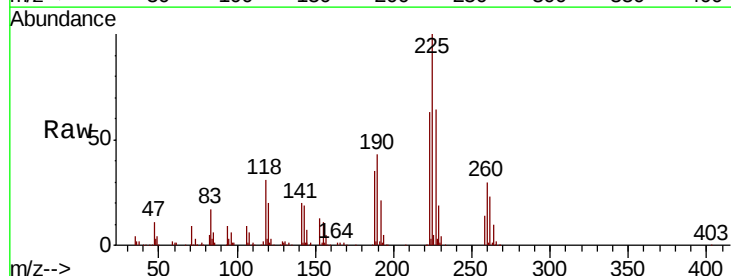


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

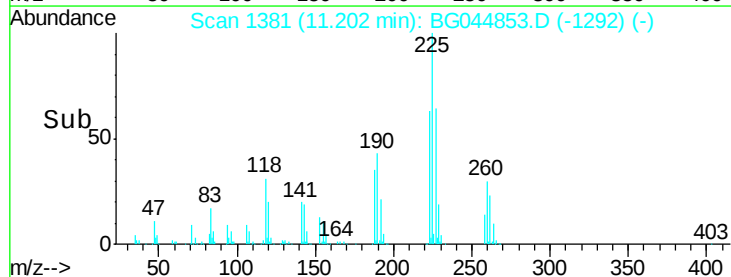
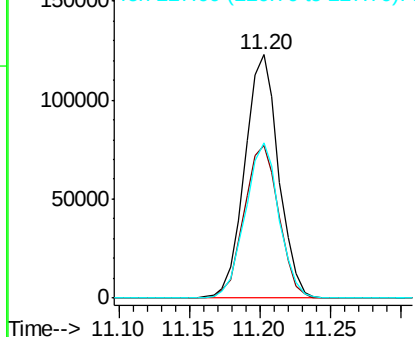


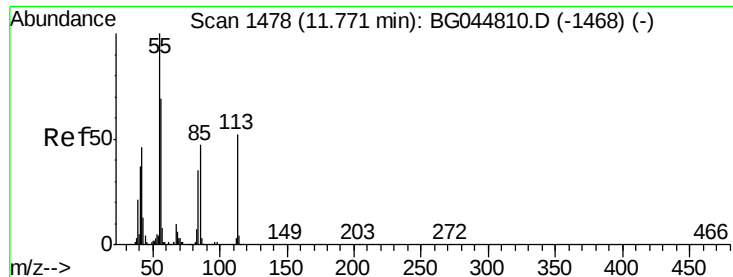
#34
Hexachlorobutadiene
Concen: 49.113 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion:	225	Resp:	205959
Ion	Ratio	Lower	Upper
225	100		
223	62.8	47.4	71.0
227	64.0	50.8	76.2



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: 31.517 ng

RT: 11.77 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_N

ClientSampled :

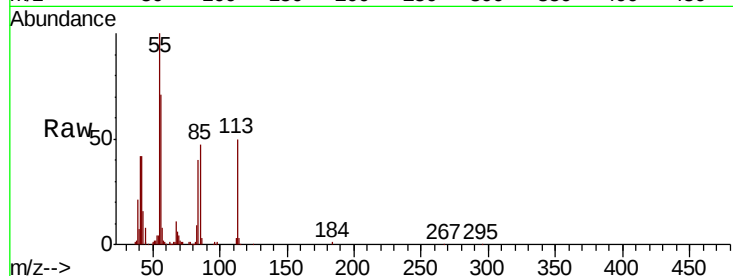
Tot Ion:113 Resp: 63640

Ion Ratio Lower Upper

113 100

55 200.4 173.8 213.8

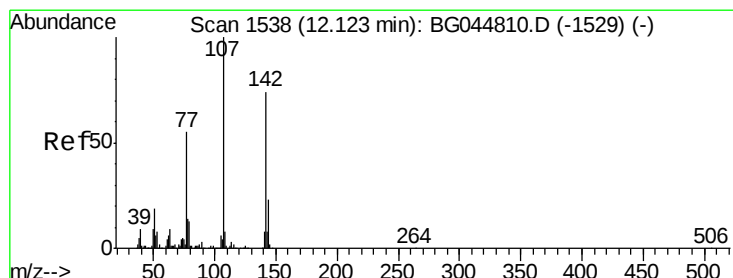
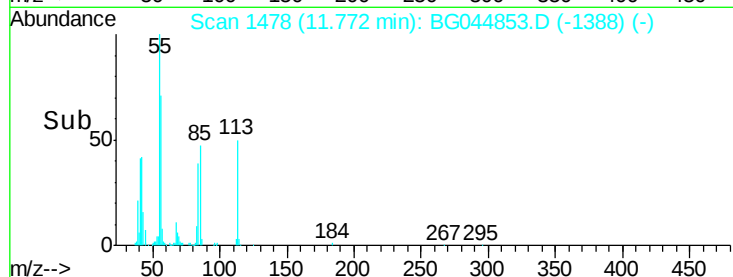
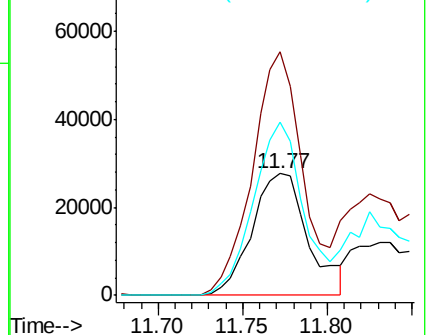
56 143.1 113.8 153.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 52.644 ng

RT: 12.12 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

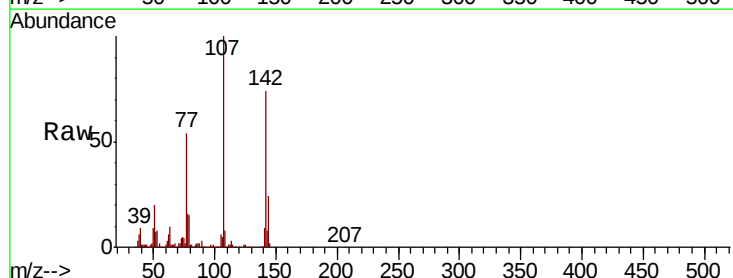
Tgt Ion:107 Resp: 334846

Ion Ratio Lower Upper

107 100

144 24.3 18.0 27.0

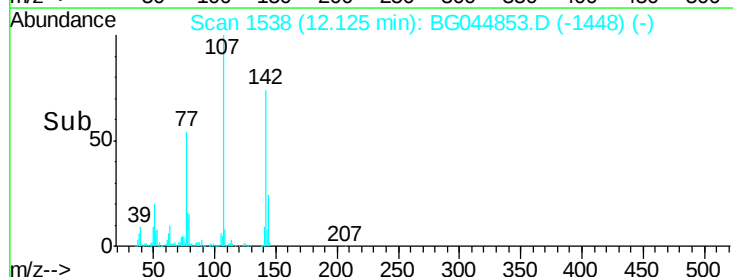
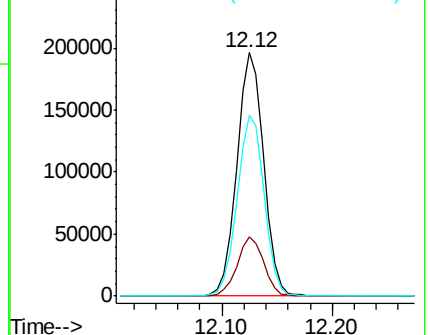
142 74.2 59.0 88.4

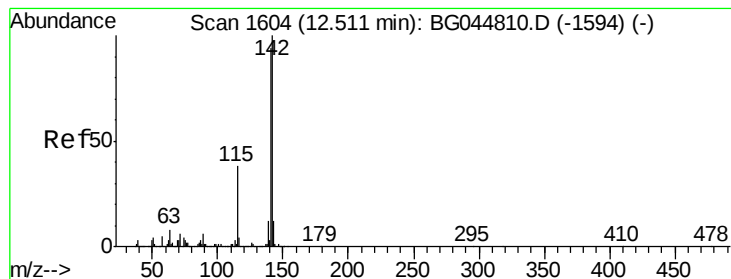


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

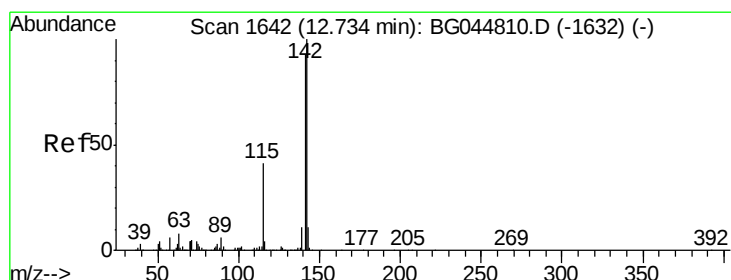
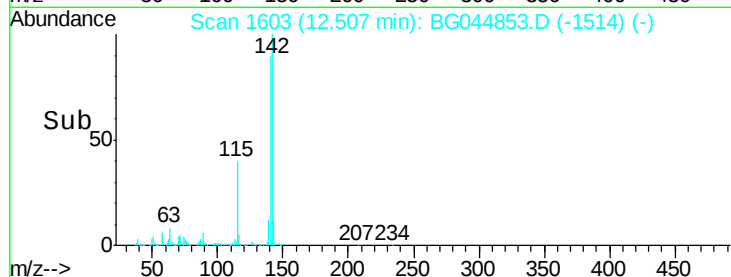
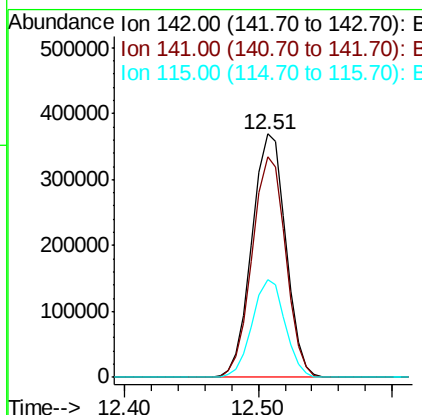
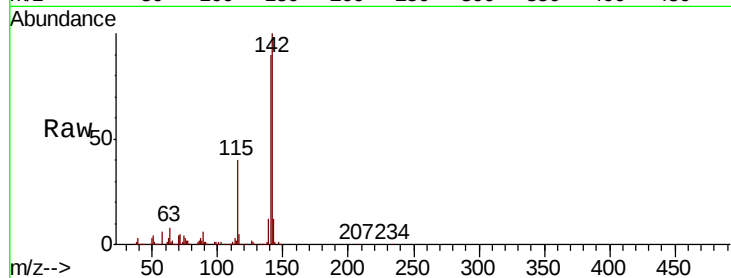




#37
 2-Methylnaphthalene
 Concen: 49.408 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

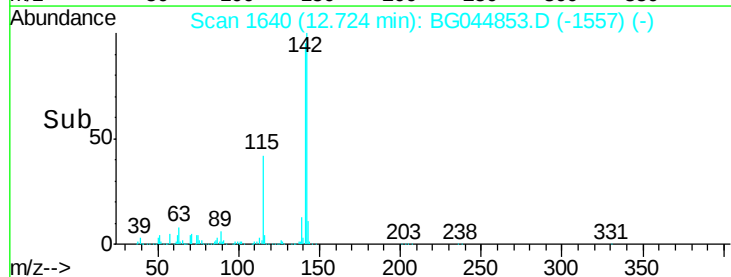
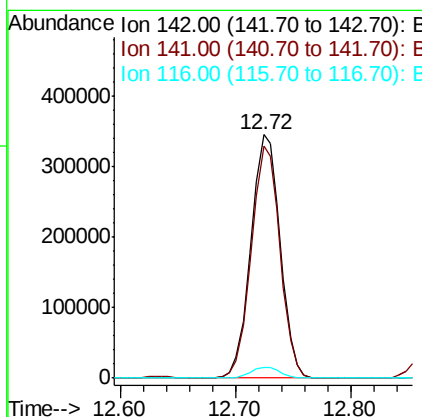
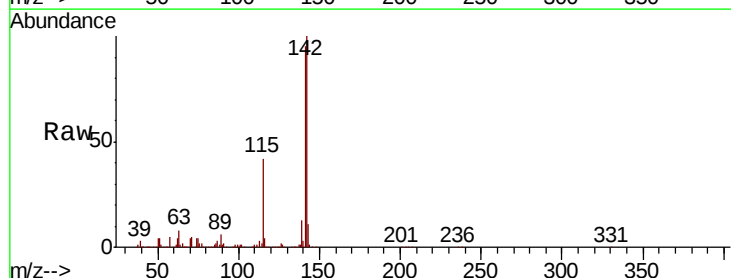
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	75.1	112.7
115	40.4	30.6	46.0



#38
 1-Methylnaphthalene
 Concen: 49.563 ng
 RT: 12.72 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	74.7	112.1
116	4.5	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_N

ClientSampleId :

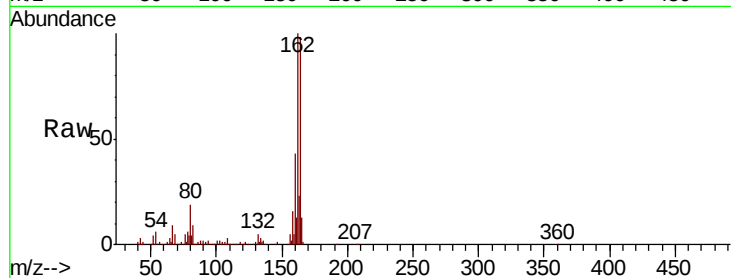
Tot Ion:164 Resp: 211809

Ion Ratio Lower Upper

164 100

162 101.6 76.7 115.1

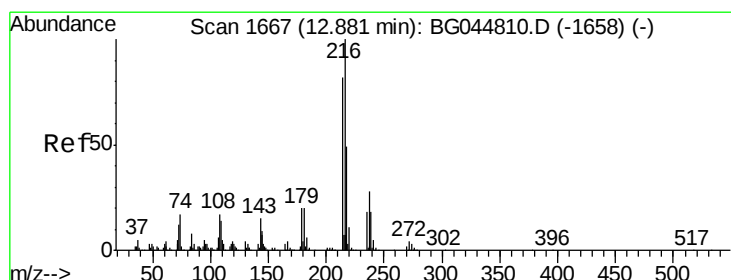
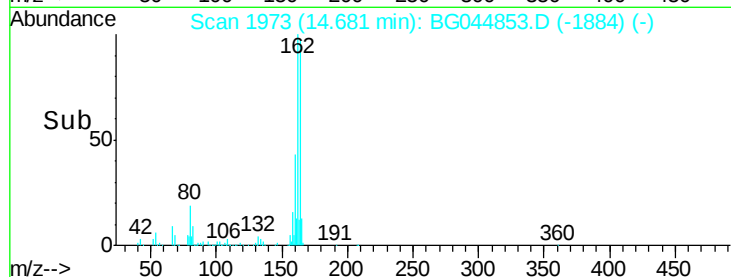
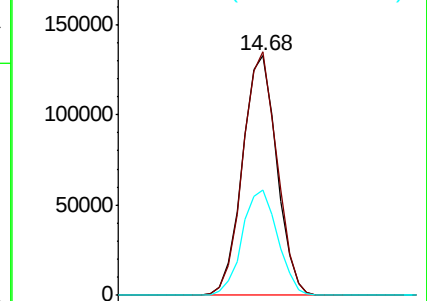
160 43.7 35.0 52.4



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: 49.275 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Tgt Ion:216 Resp: 343719

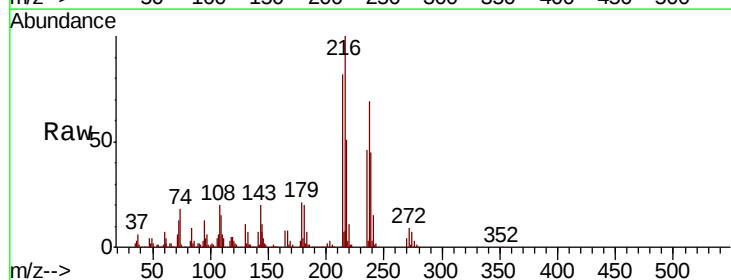
Ion Ratio Lower Upper

216 100

214 80.2 63.8 95.6

179 20.8 16.2 24.2

108 20.4 14.6 22.0

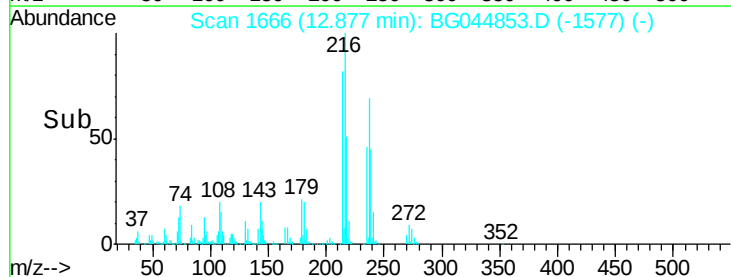
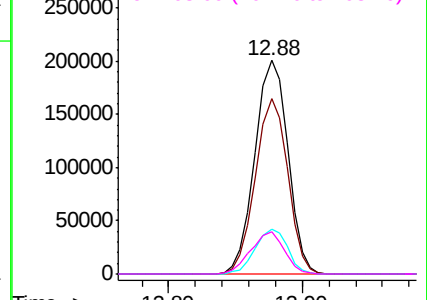


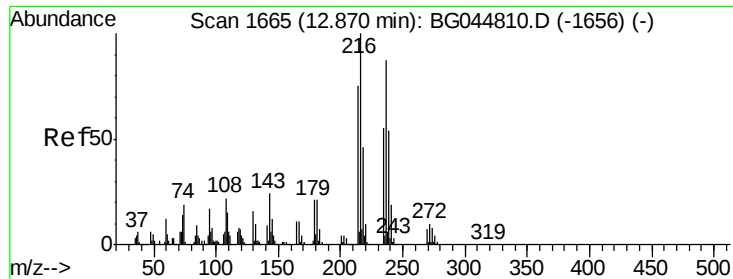
Abundance Ion 216.00 (215.70 to 216.70): E

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: 115.130 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_N

ClientSampleId :

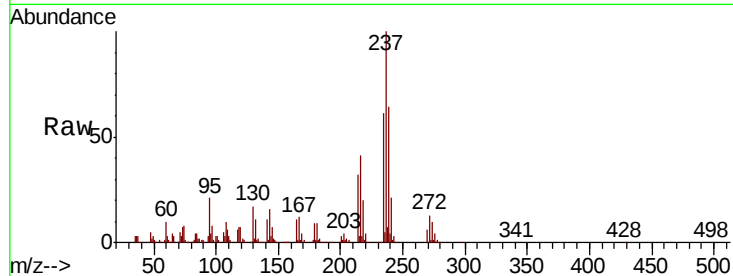
Tot Ion: 237 Resp: 438892

Ion Ratio Lower Upper

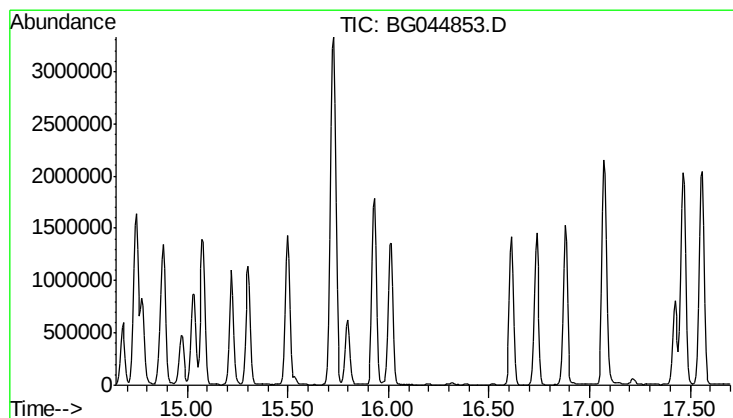
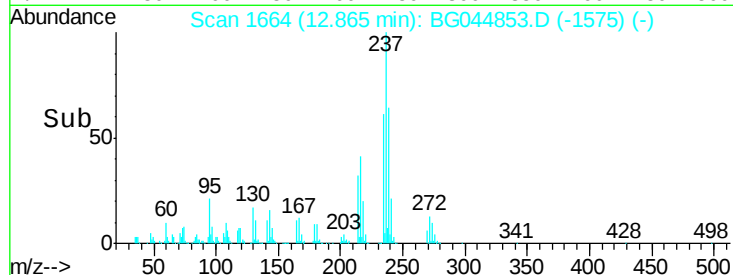
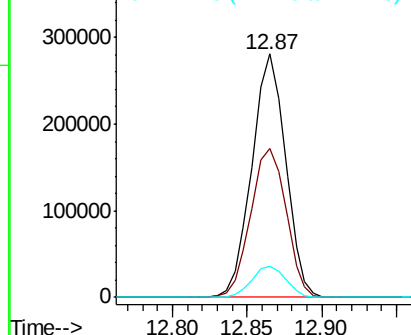
237 100

235 61.4 42.9 82.9

272 12.9 0.0 31.6



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: 0.000 ng

Expected RT: 16.17 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

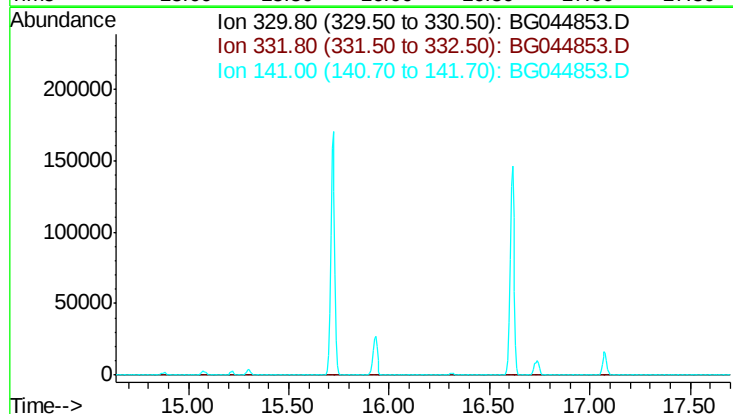
Tgt Ion: 330

Sig Exp Ratio

330 100

332 97.2

141 36.9

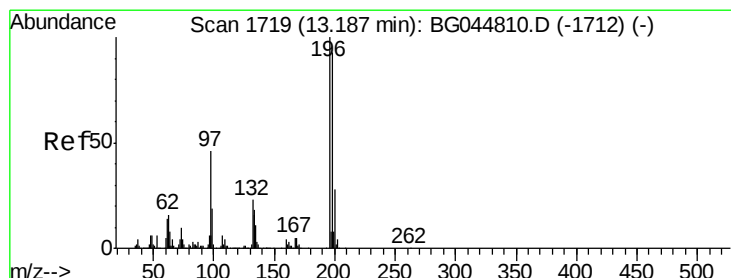
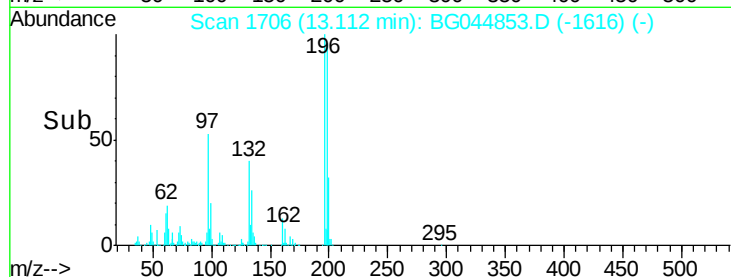
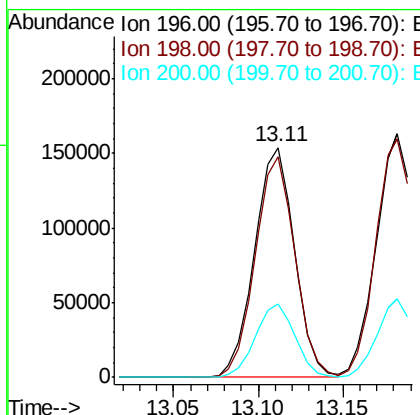
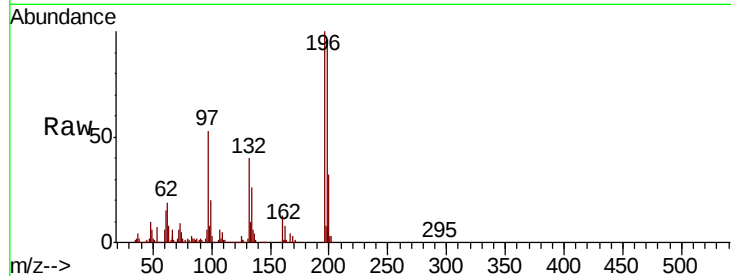




#43
 2,4,6-Trichlorophenol
 Concen: 54.654 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

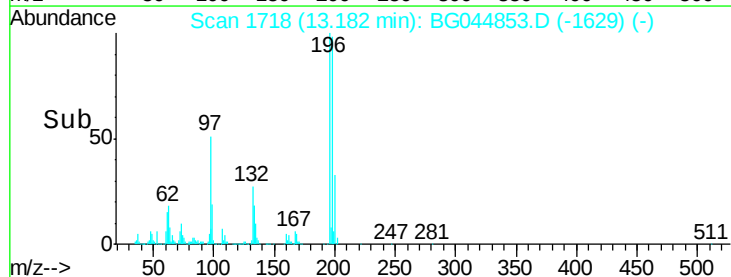
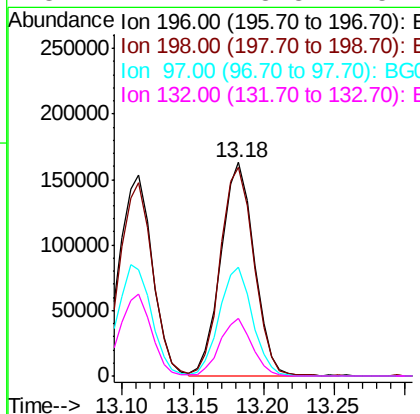
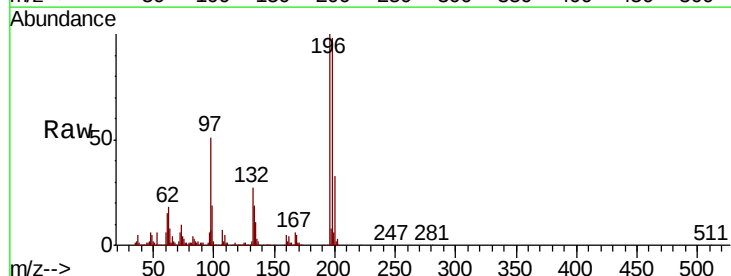
Instrument :
 BNA_N
 ClientSampleId :

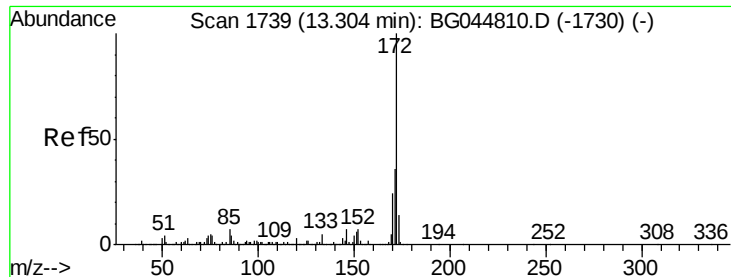
Tot Ion	196	Resp	253009
Ion Ratio	Lower	Upper	
196	100		
198	95.9	74.9	112.3
200	32.0	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 55.703 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Tgt Ion	196	Resp	267426
Ion Ratio	Lower	Upper	
196	100		
198	97.9	74.2	111.4
97	51.1	36.7	55.1
132	27.1	18.8	28.2

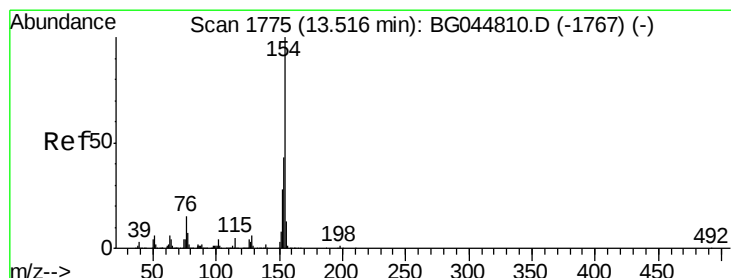
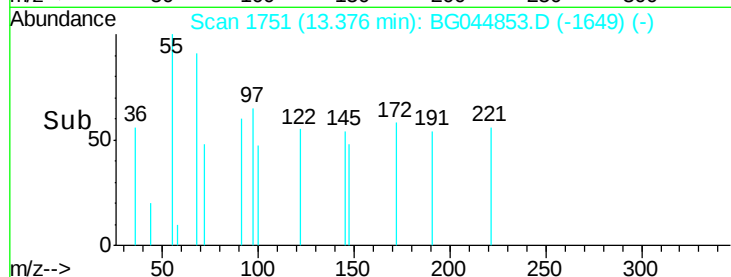
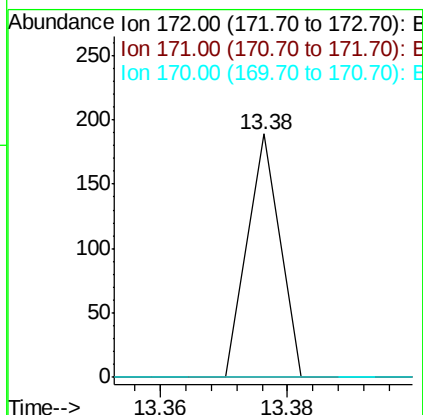
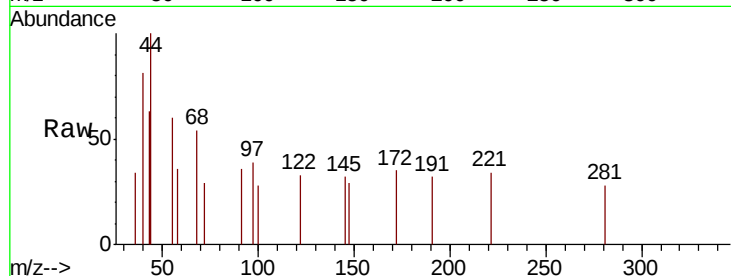




#45
2-Fluorobiphenyl
Concen: 0.005 ng
RT: 13.38 min Scan# 1751
Delta R.T. 0.07 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

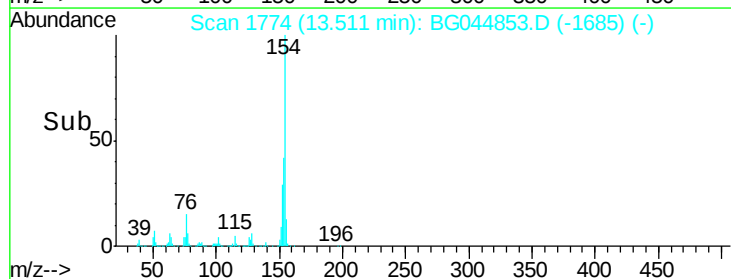
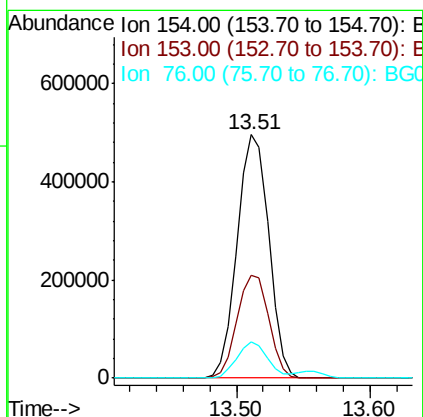
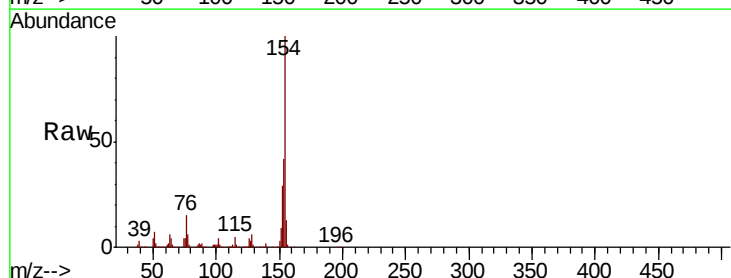
Instrument :
BNA_N
ClientSampleId :

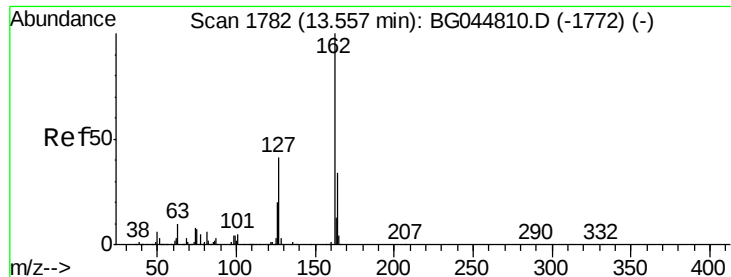
Tot Ion:172 Resp: 67
Ion Ratio Lower Upper
172 100
171 0.0 28.7 43.1#
170 0.0 19.0 28.6#



#46
1,1'-Biphenyl
Concen: 47.939 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion:154 Resp: 811418
Ion Ratio Lower Upper
154 100
153 42.2 22.9 62.9
76 14.8 0.0 34.6

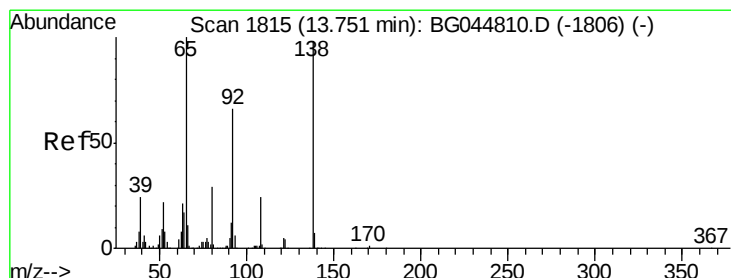
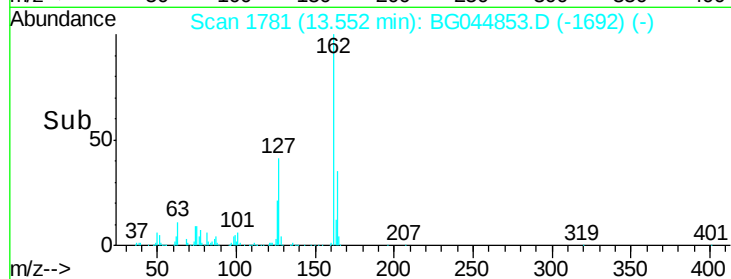
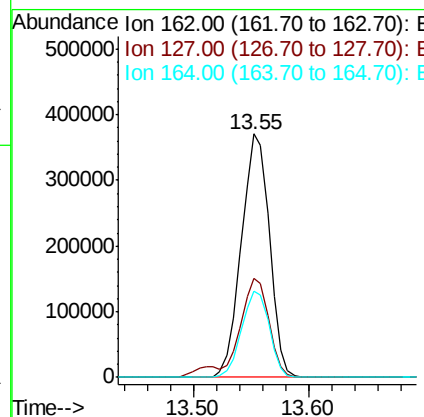
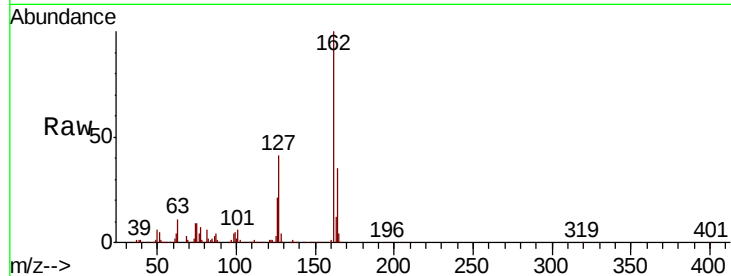




#47
2-Chloronaphthalene
Concen: 48.278 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

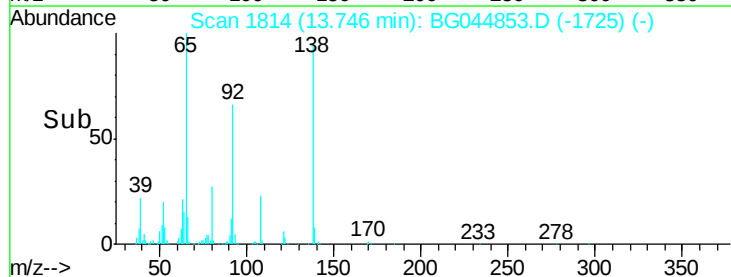
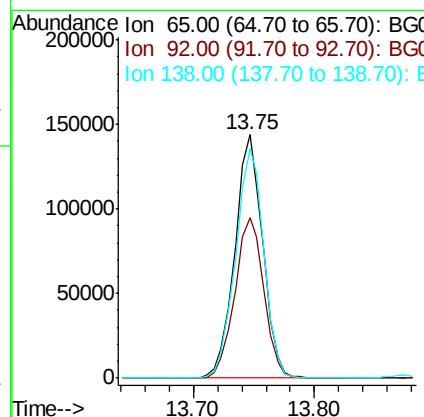
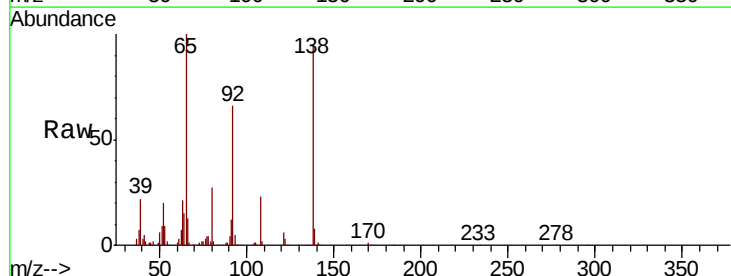
Instrument :
BNA_N
ClientSampleId :

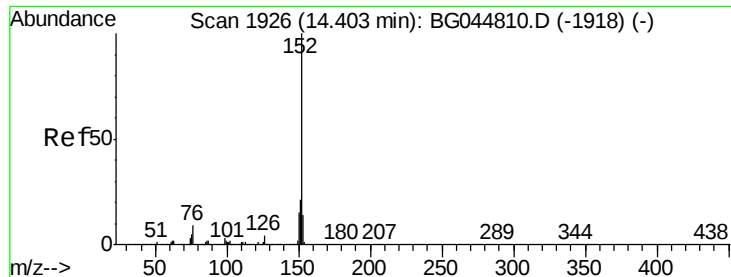
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.1	49.7
164	35.5	27.4	41.2



#48
2-Nitroaniline
Concen: 50.975 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.7	52.6	79.0
138	94.5	78.3	117.5





#49

Acenaphthylene

Concen: 50.351 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

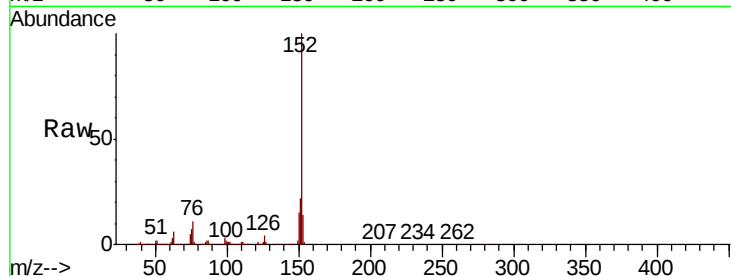
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 1019956

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.8	25.2
153	13.8	10.8	16.2

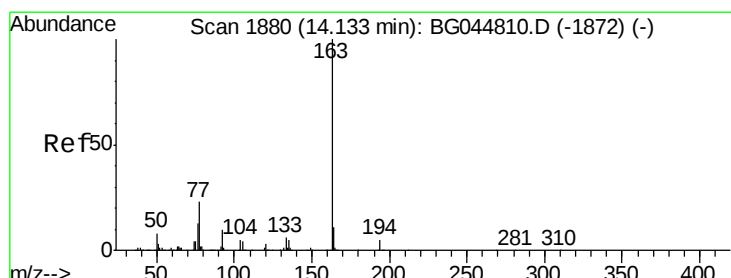
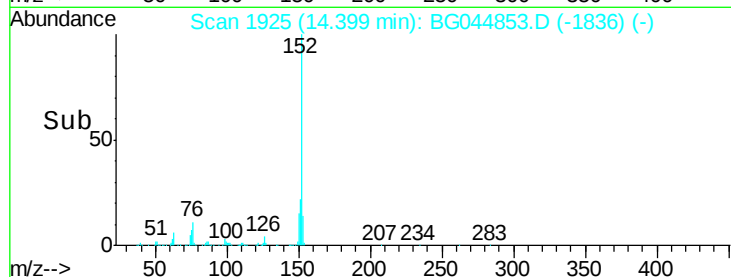
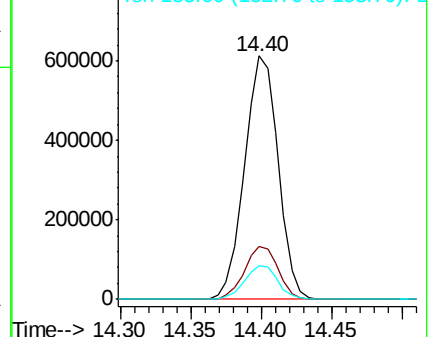


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.064 ng

RT: 14.13 min Scan# 1880

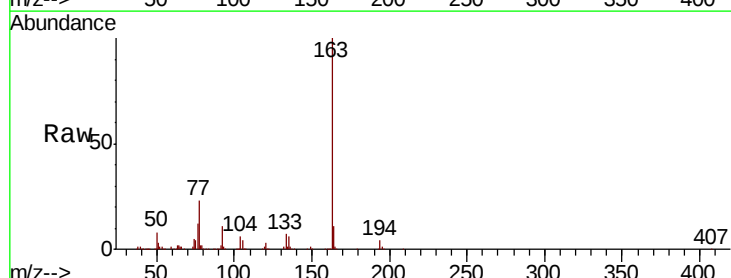
Delta R.T. 0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Tgt Ion:163 Resp: 810817

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	10.8	9.1	13.7

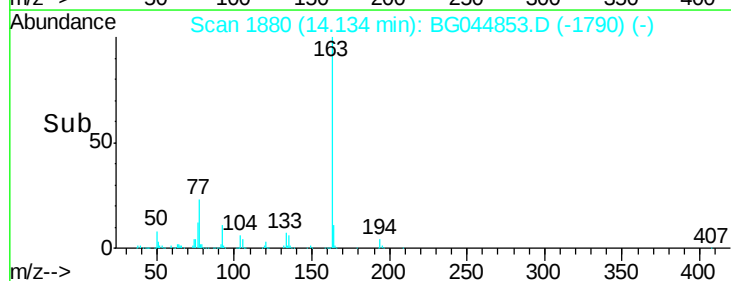
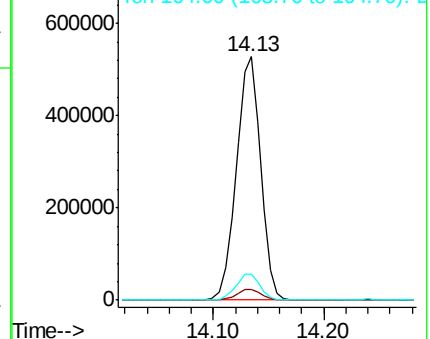


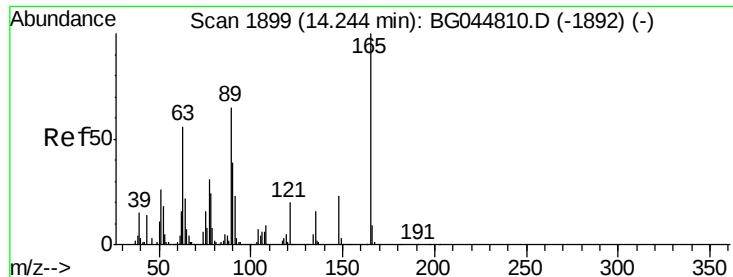
Abundance

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

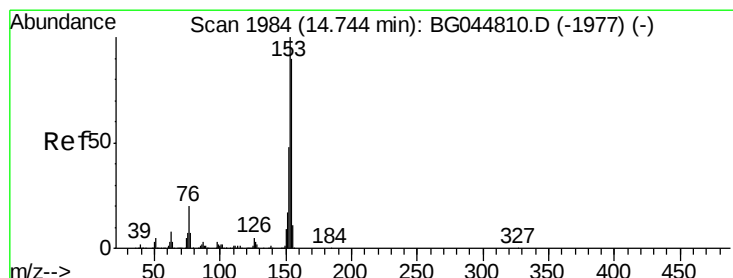
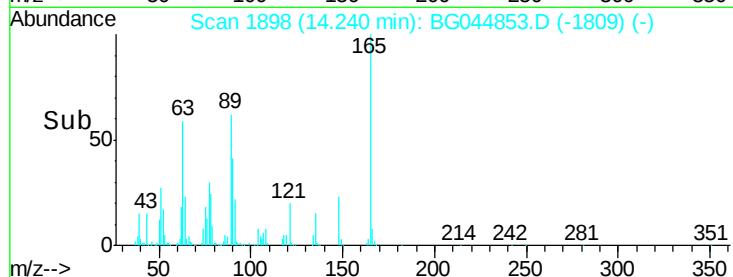
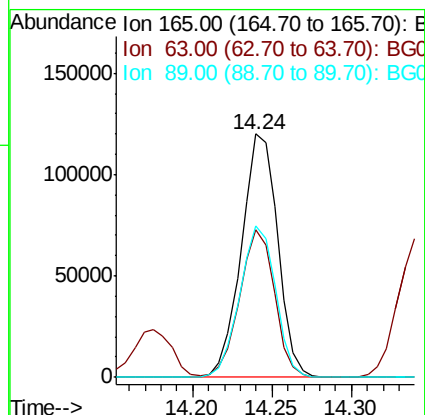
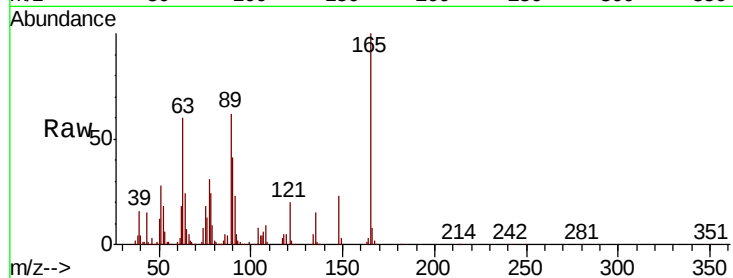




#51
 2,6-Dinitrotoluene
 Concen: 55.989 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

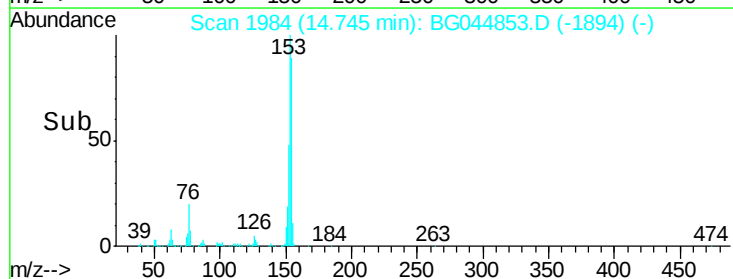
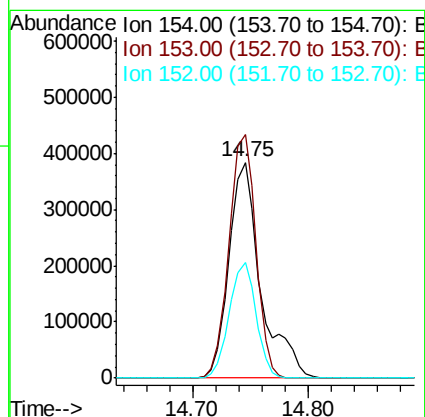
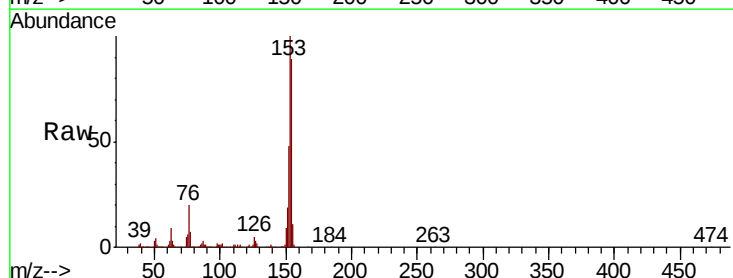
Instrument :
 BNA_N
 ClientSampleId :

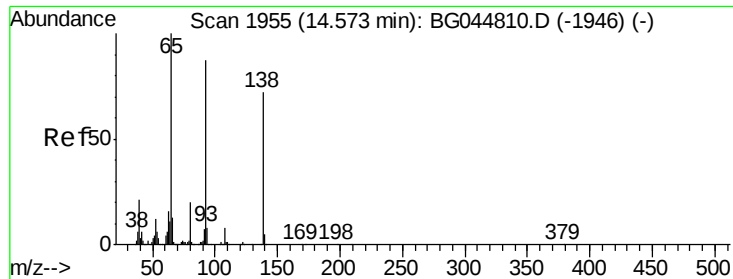
Tot Ion	Ratio	Lower	Upper
165	100		
63	60.4	45.8	68.8
89	62.2	51.8	77.6



#52
 Acenaphthene
 Concen: 55.518 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.0	133.6
152	53.9	43.0	64.6





#53

3-Nitroaniline

Concen: 36.233 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_N

ClientSampleId :

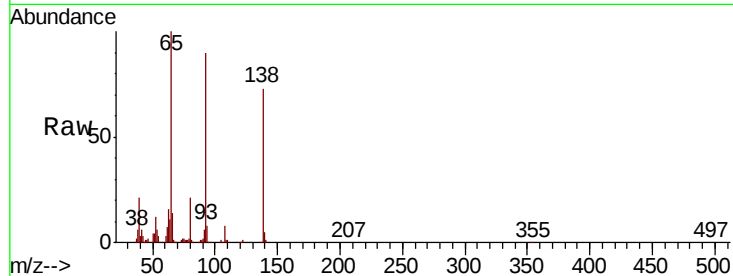
Tot Ion:138 Resp: 141648

Ion Ratio Lower Upper

138 100

108 10.4 9.0 13.4

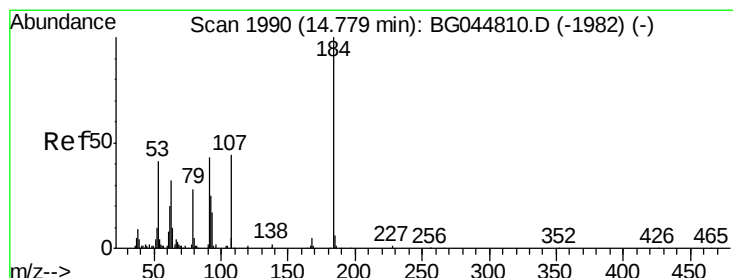
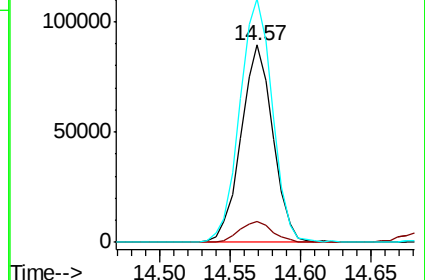
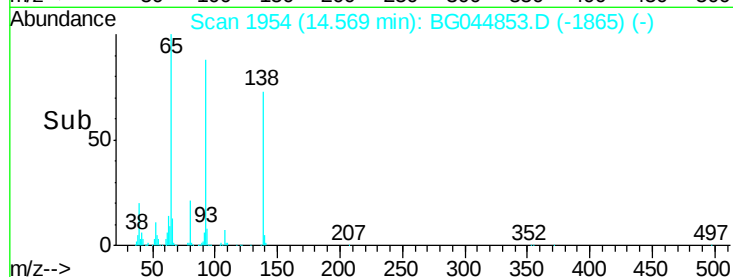
92 123.3 96.8 145.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 107.643 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

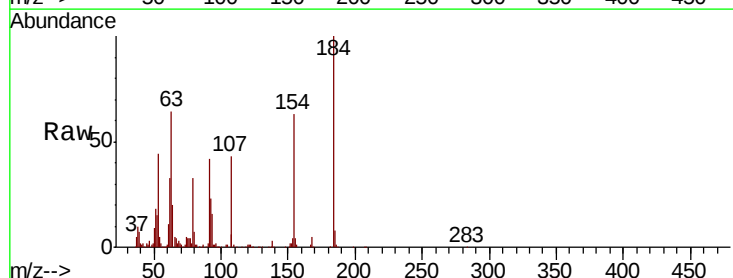
Tgt Ion:184 Resp: 196972

Ion Ratio Lower Upper

184 100

63 64.0 45.5 68.3

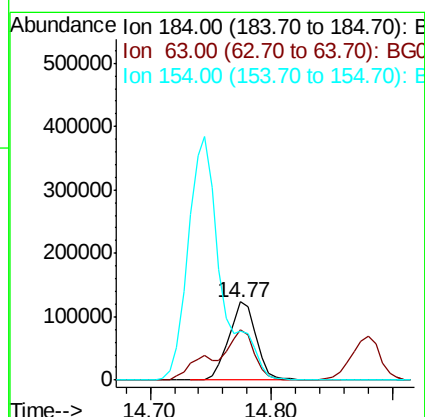
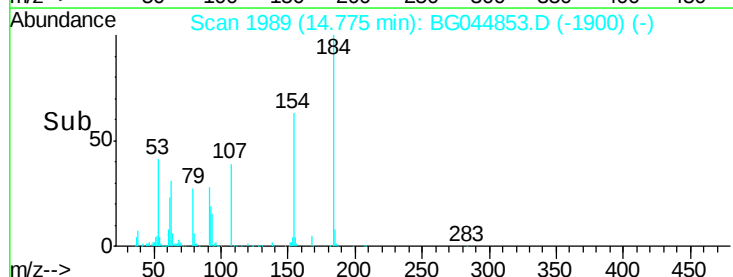
154 63.4 49.1 73.7

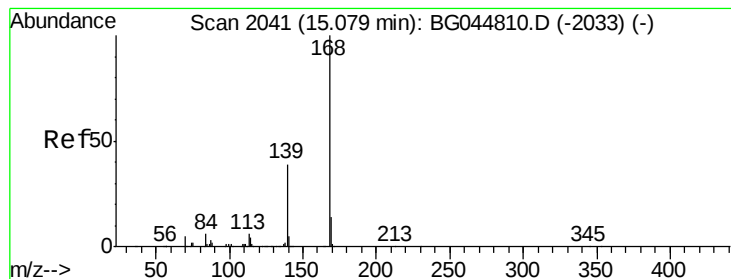


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 50.444 ng

RT: 15.07 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_N

ClientSampleId :

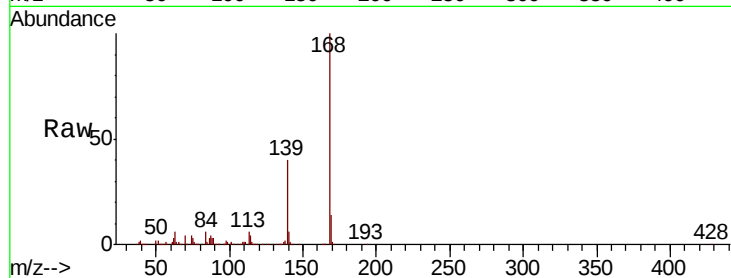
Tot Ion:168 Resp: 970452

Ion Ratio Lower Upper

168 100

139 40.2 31.4 47.0

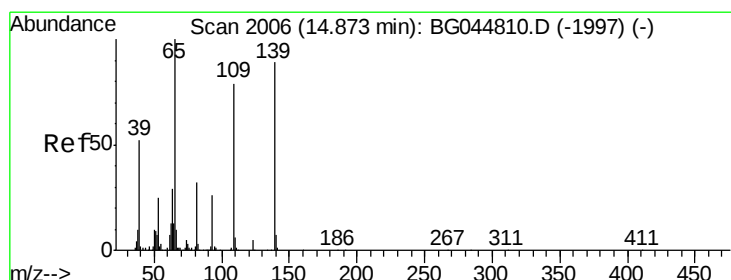
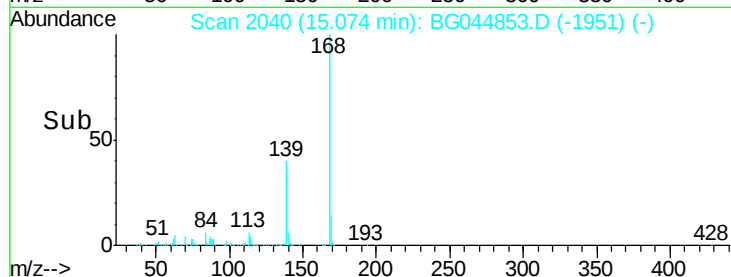
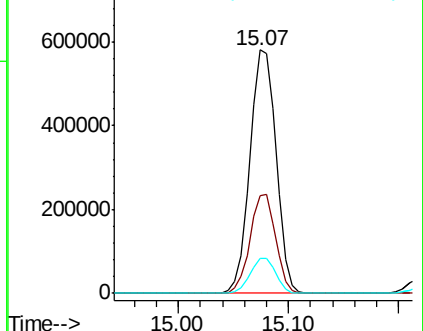
169 14.2 11.1 16.7



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: 112.201 ng

RT: 14.88 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

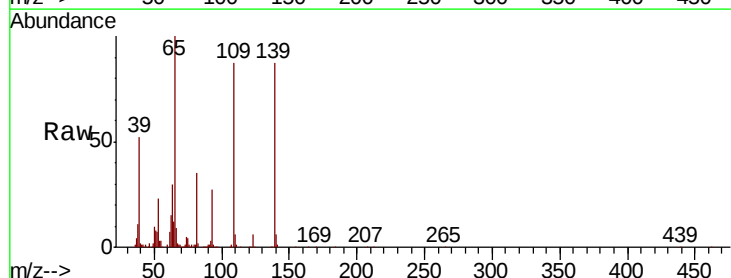
Tgt Ion:139 Resp: 334764

Ion Ratio Lower Upper

139 100

109 99.7 68.8 108.8

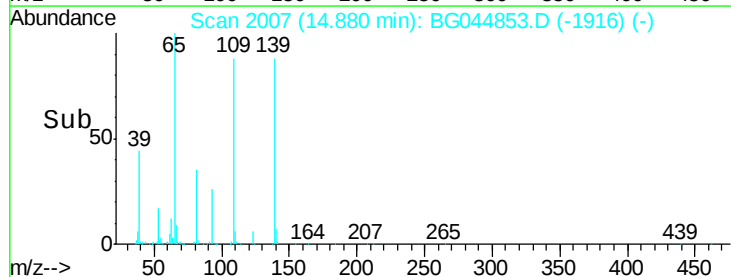
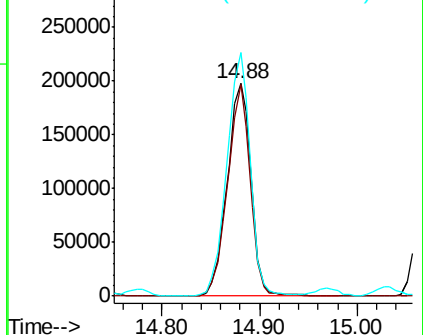
65 114.5 92.5 132.5

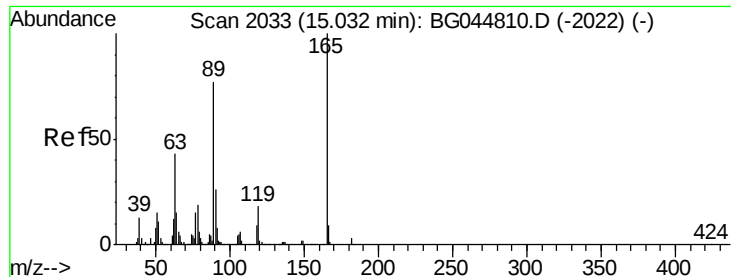


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

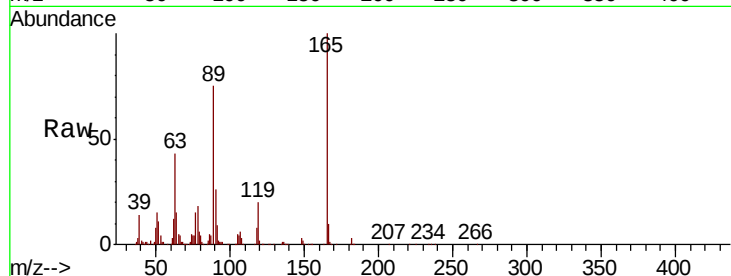




#57
2,4-Dinitrotoluene
Concen: 56.663 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.2	34.6	52.0
89	74.8	61.3	91.9
182	2.8	2.2	3.2



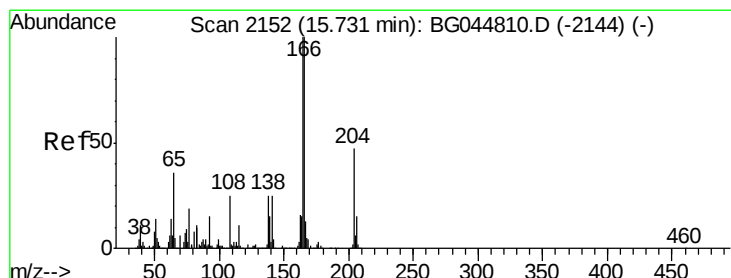
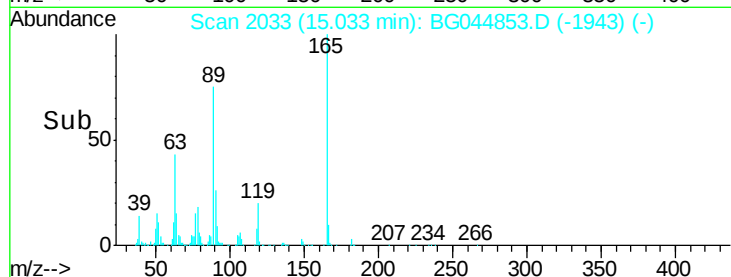
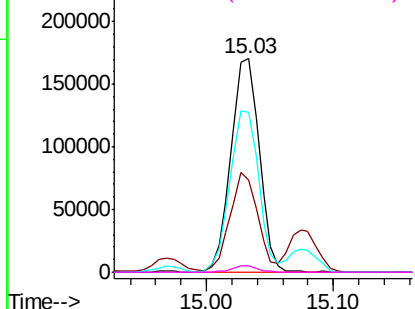
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

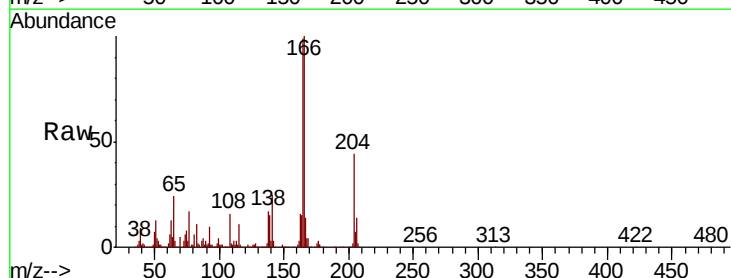
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 50.987 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.7	119.5
167	14.2	10.6	16.0

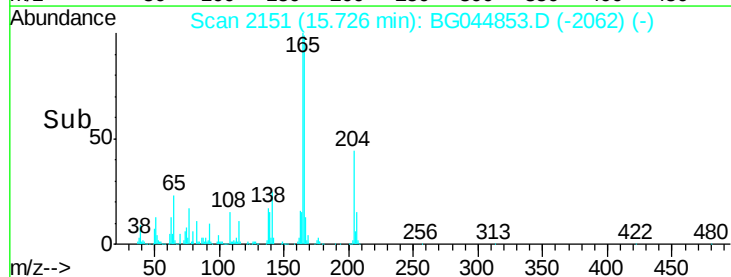
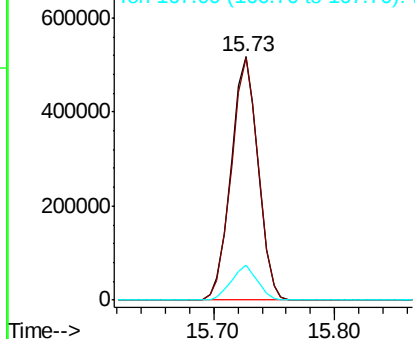


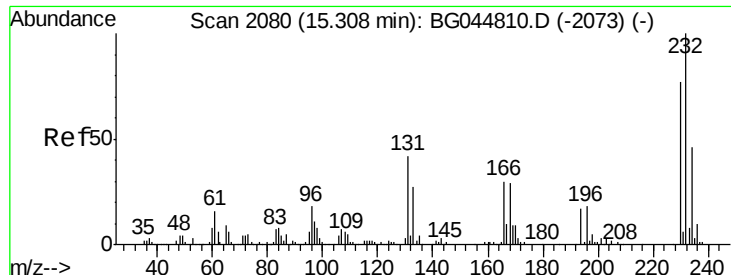
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

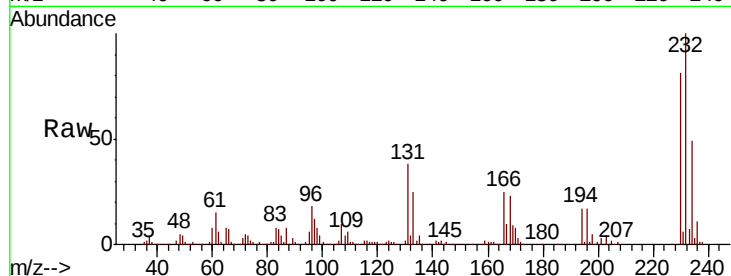




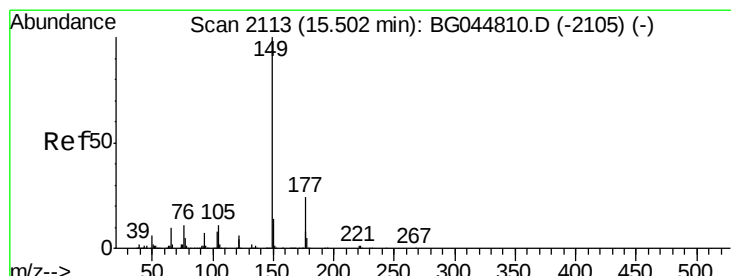
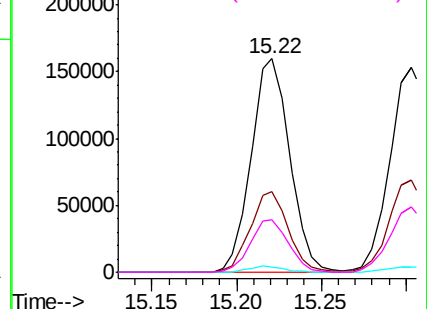
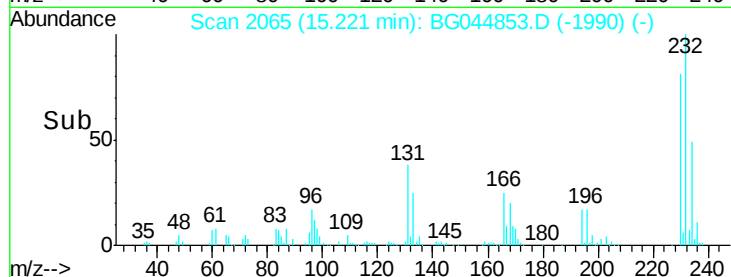
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.442 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. -0.09 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:	232	Resp:	253896
Ion	Ratio	Lower	Upper
232	100		
131	37.0	31.8	47.8
130	2.7	2.2	3.2
166	24.4	20.2	30.2

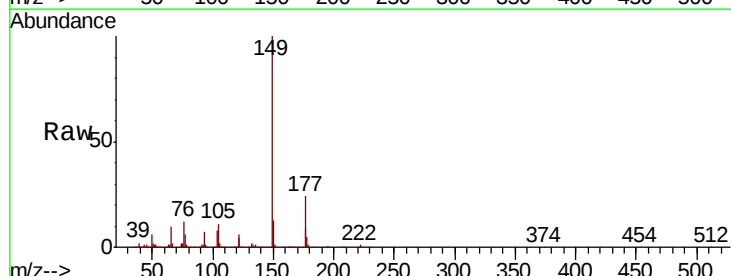


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

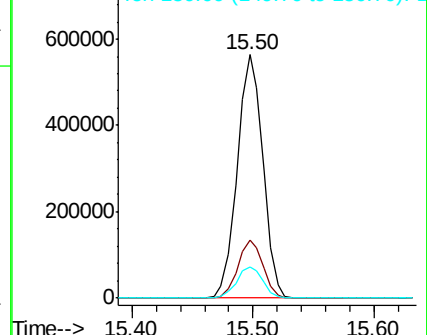
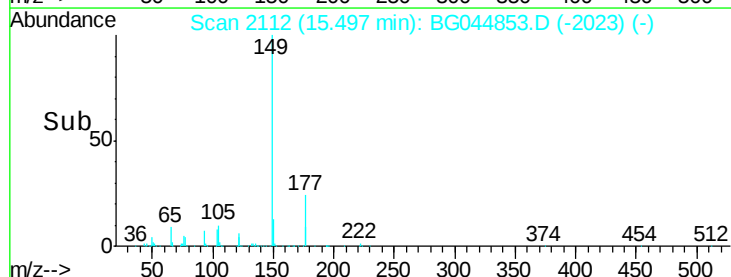


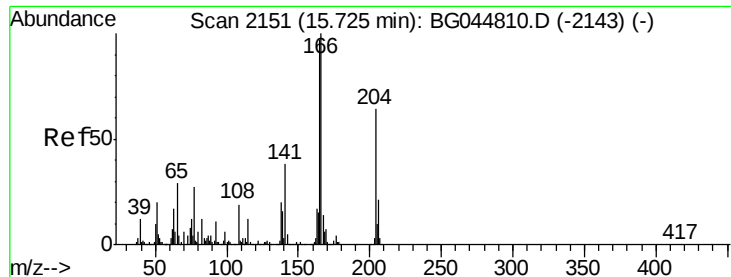
#60
 Diethylphthalate
 Concen: 47.311 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Tgt Ion:	149	Resp:	832426
Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.3	28.9
150	12.7	11.0	16.6



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

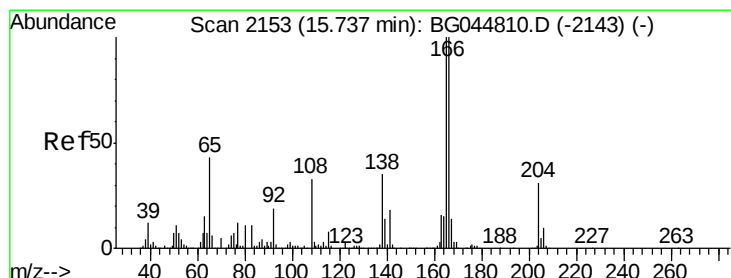
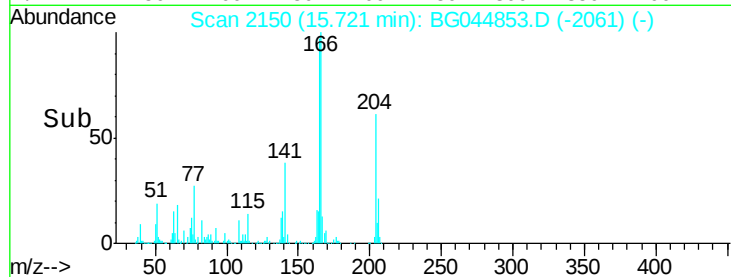
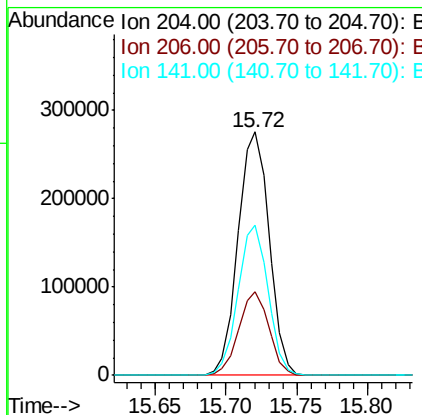
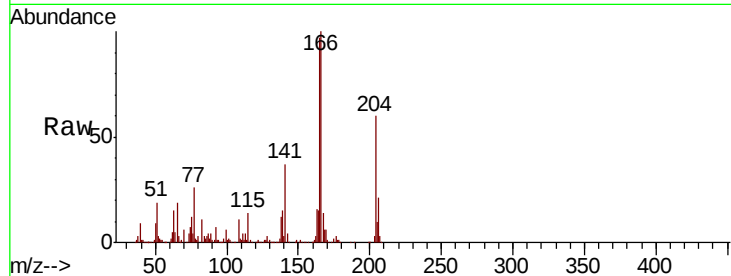




#61
 4-Chlorophenyl-phenylether
 Concen: 49.900 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

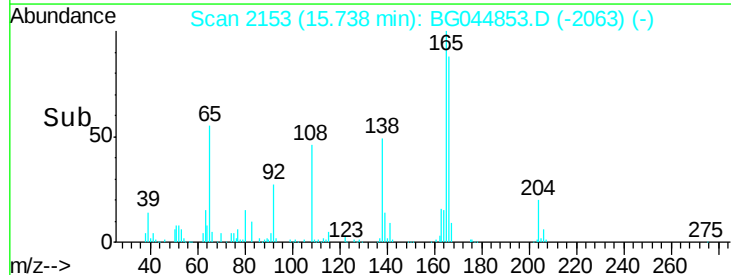
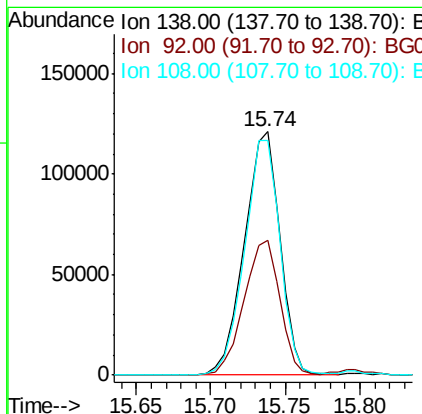
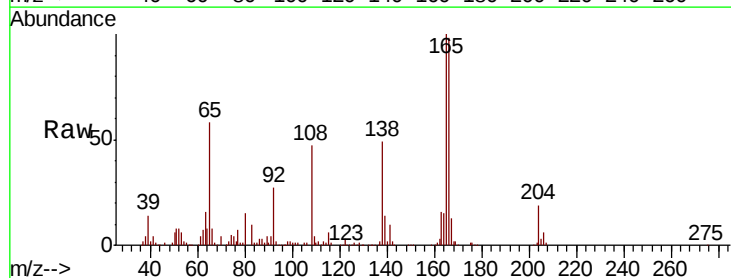
Instrument :
 BNA_N
 ClientSampleId :

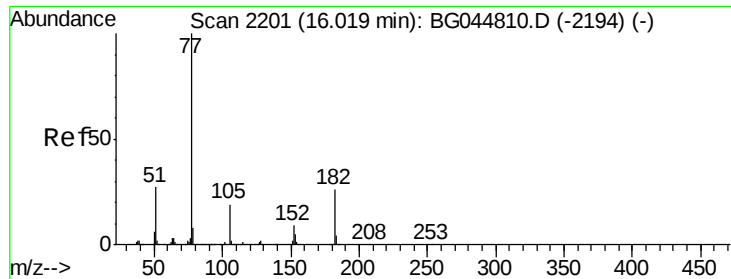
Tot Ion:204 Resp: 425216
 Ion Ratio Lower Upper
 204 100
 206 34.5 26.2 39.2
 141 61.7 47.7 71.5



#62
 4-Nitroaniline
 Concen: 47.993 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Tgt Ion:138 Resp: 200069
 Ion Ratio Lower Upper
 138 100
 92 55.5 34.5 74.5
 108 96.6 74.5 114.5





#63

Azobenzene

Concen: 46.949 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 77 Resp: 857821

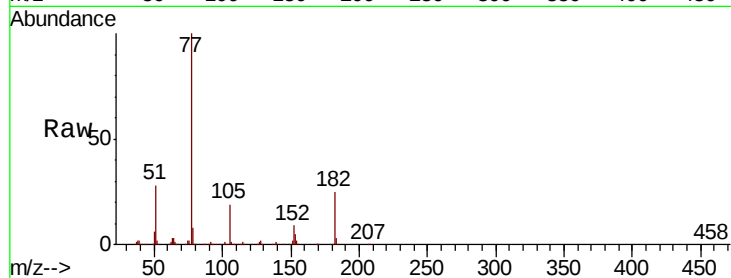
Ion Ratio Lower Upper

77 100

182 25.2 6.4 46.4

105 19.3 0.0 39.1

51 28.1 7.3 47.3

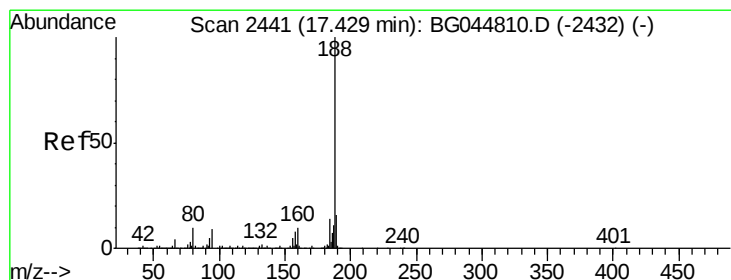
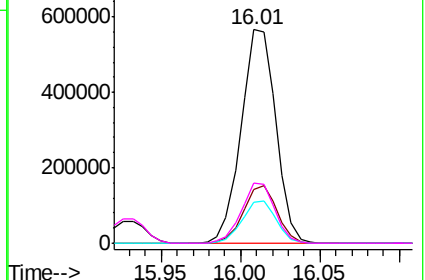
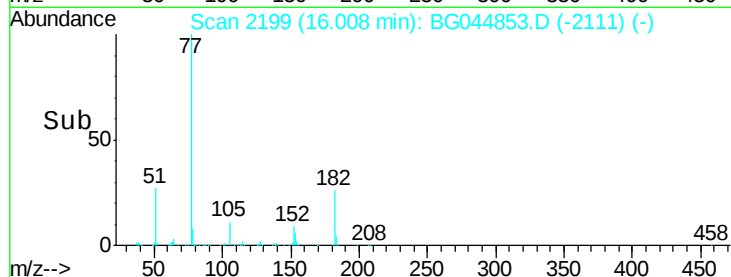


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

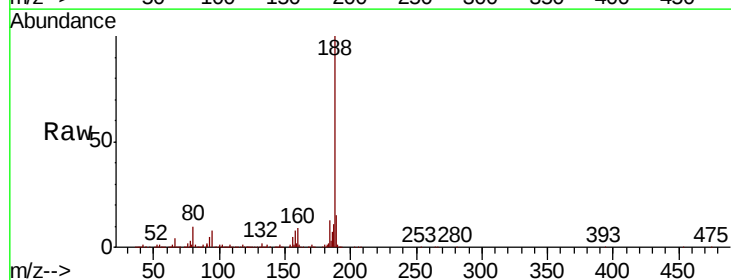
Tgt Ion: 188 Resp: 497604

Ion Ratio Lower Upper

188 100

94 7.7 7.3 10.9

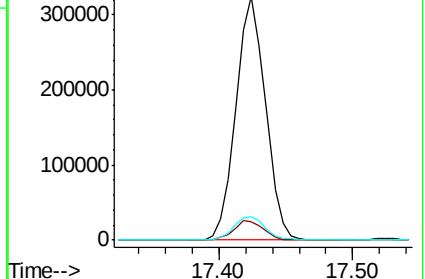
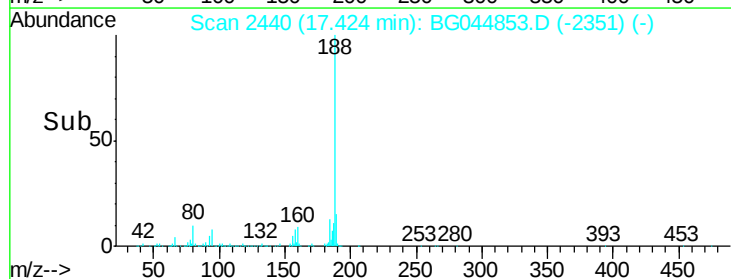
80 9.7 8.0 12.0

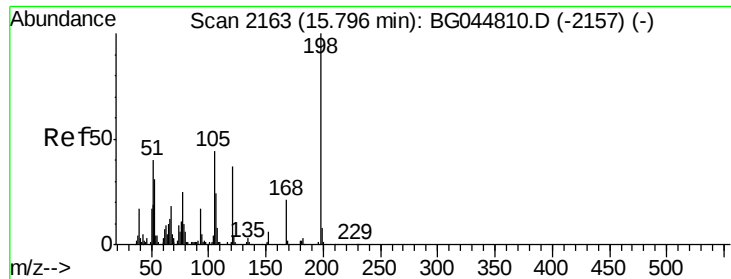


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

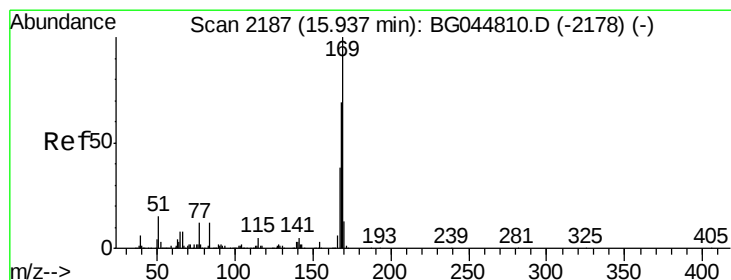
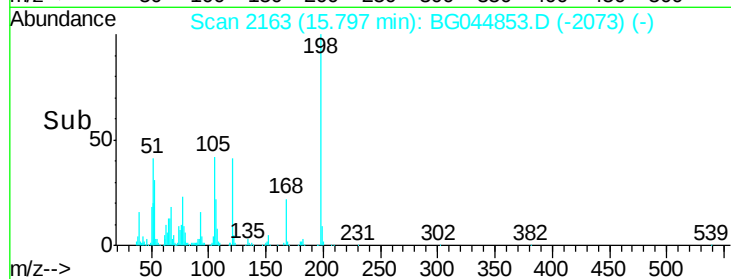
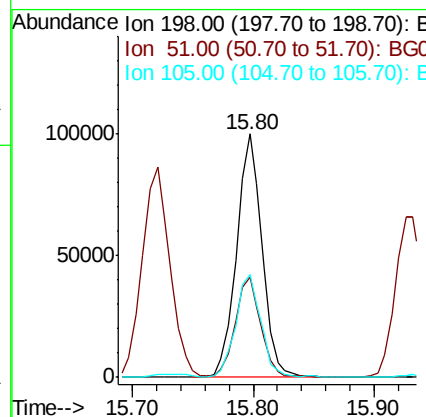
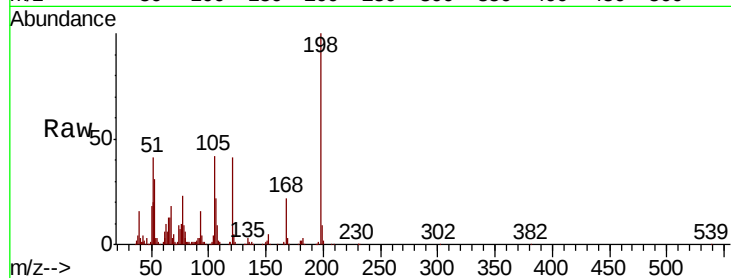




#65
 4,6-Dinitro-2-methylphenol
 Concen: 60.356 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

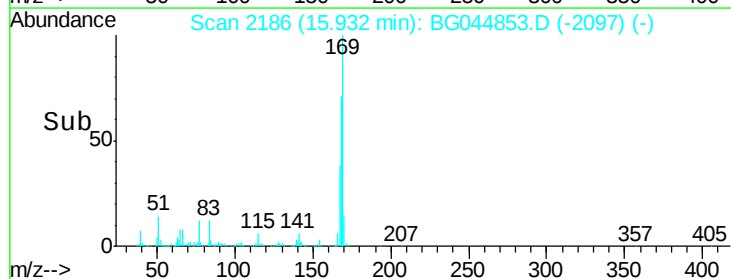
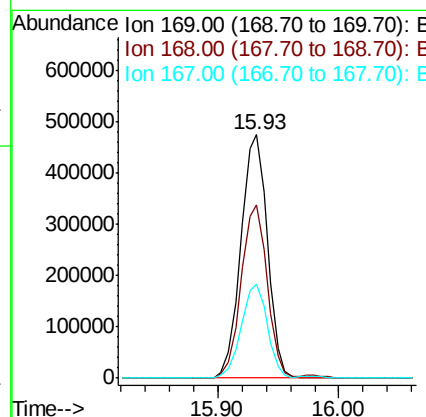
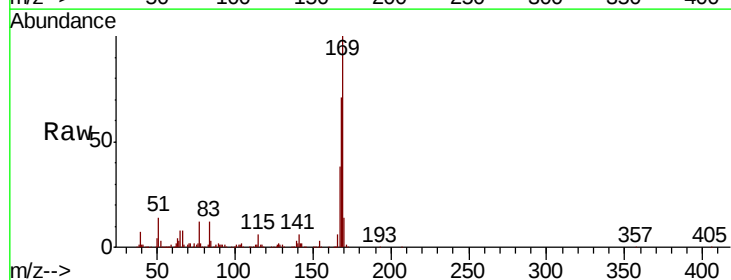
Instrument :
 BNA_N
 ClientSampleId :

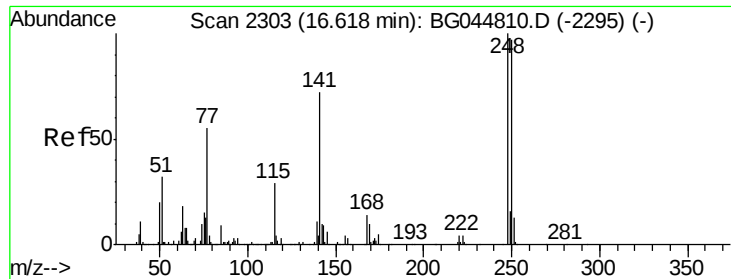
Tot Ion	Ratio	Lower	Upper
198	100		
51	41.3	21.1	61.1
105	42.1	24.5	64.5



#66
 n-Nitrosodiphenylamine
 Concen: 48.583 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.9	55.4	83.2
167	38.4	30.1	45.1





#67

4-Bromophenyl-phenylether

Concen: 47.808 ng

RT: 16.61 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_N

ClientSampleId :

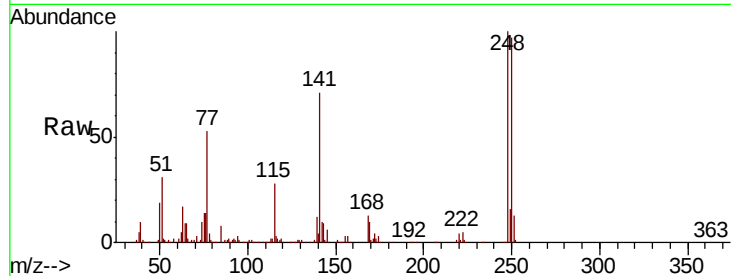
Tot Ion:248 Resp: 297405

Ion Ratio Lower Upper

248 100

250 97.2 77.9 116.9

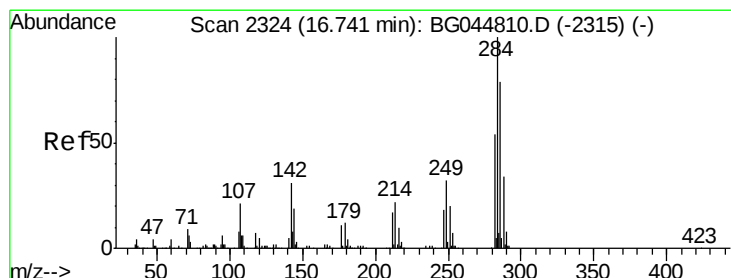
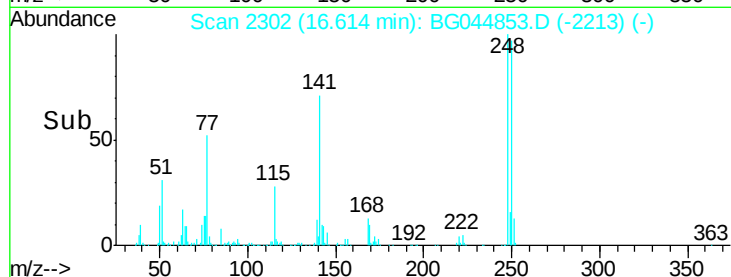
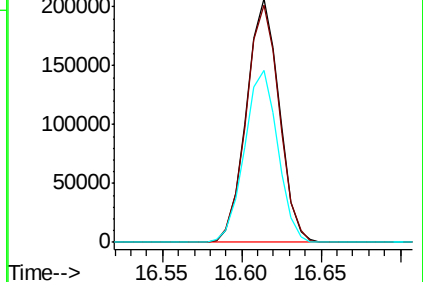
141 70.6 57.5 86.3



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: 48.601 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

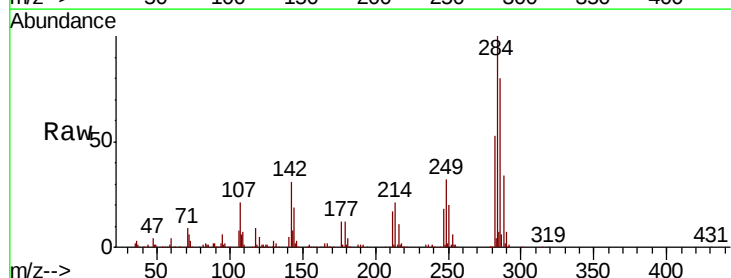
Tgt Ion:284 Resp: 328002

Ion Ratio Lower Upper

284 100

142 31.0 25.0 37.6

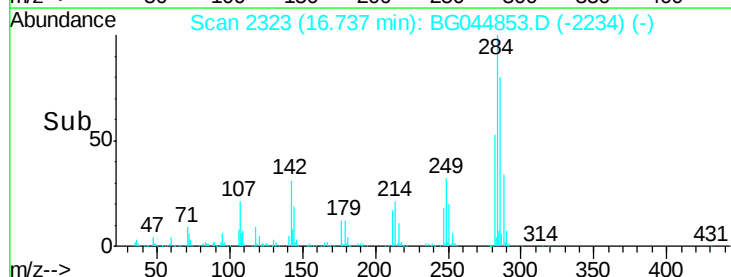
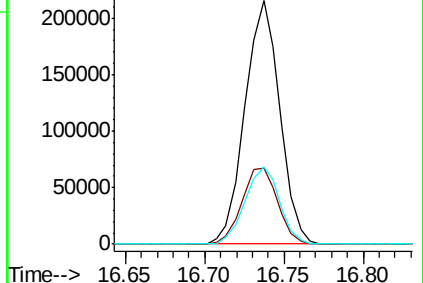
249 31.6 25.8 38.8

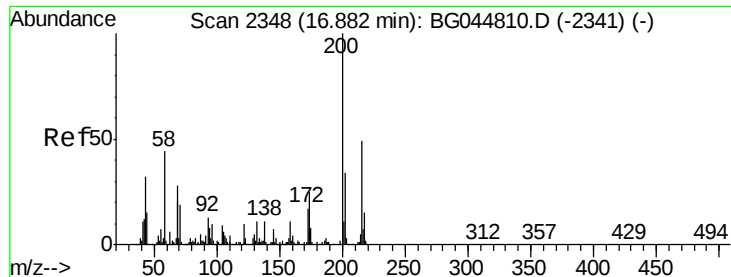


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 54.586 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_N

ClientSampleId :

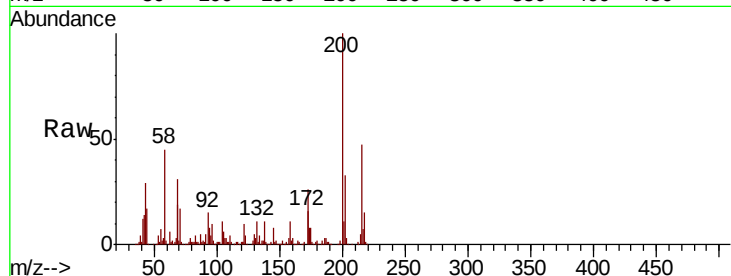
Tot Ion:200 Resp: 299608

Ion Ratio Lower Upper

200 100

173 25.9 5.3 45.3

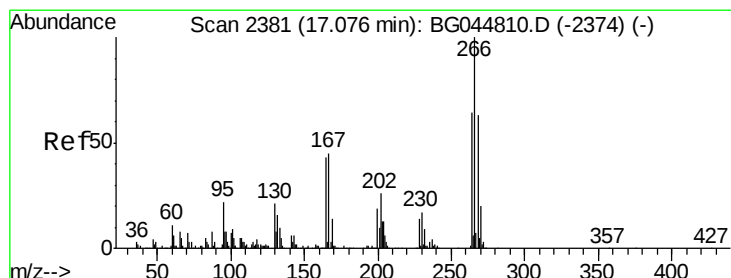
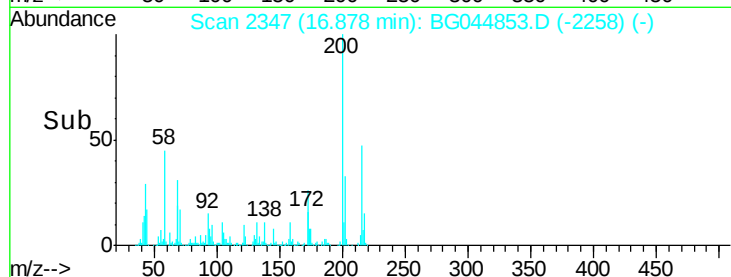
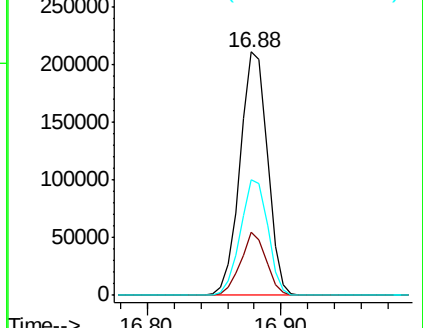
215 47.4 28.9 68.9



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: 110.879 ng

RT: 17.08 min Scan# 2381

Delta R.T. 0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

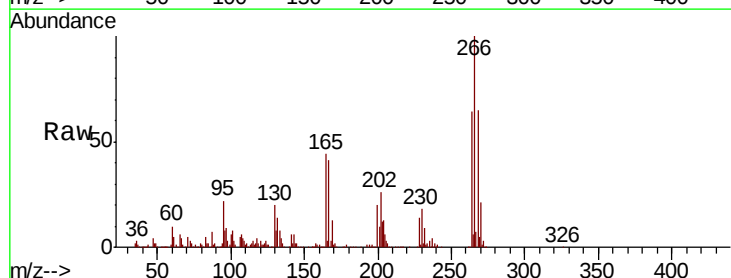
Tgt Ion:266 Resp: 411730

Ion Ratio Lower Upper

266 100

268 65.0 50.3 75.5

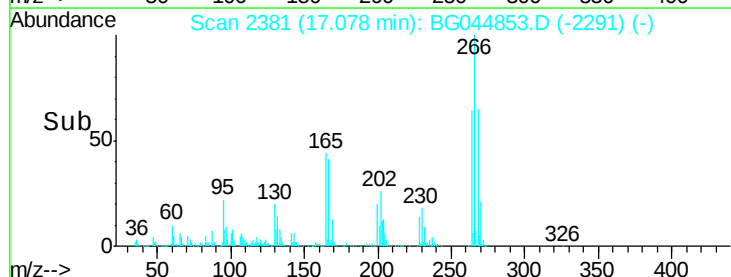
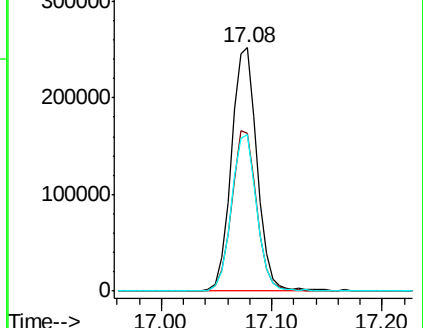
264 64.4 51.4 77.2

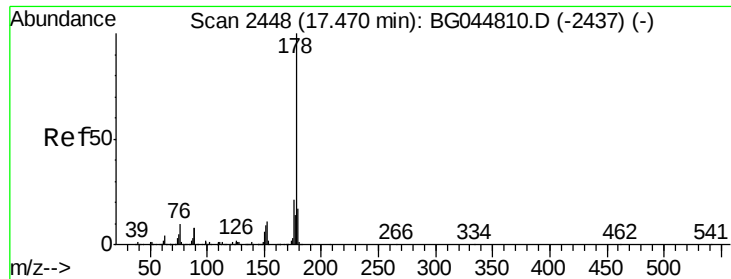


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

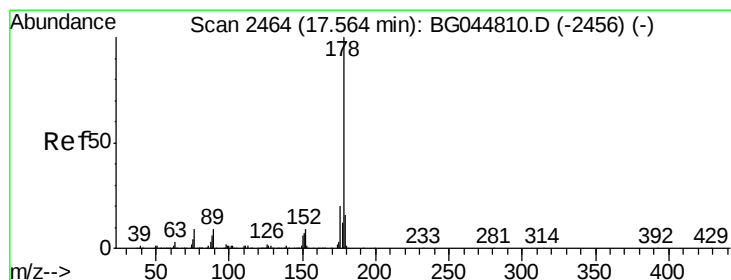
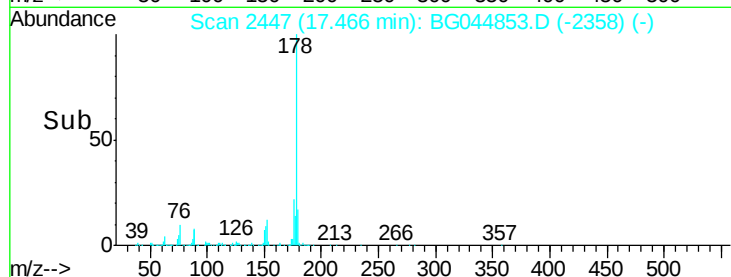
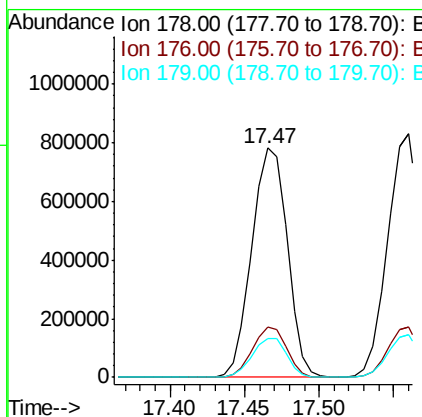
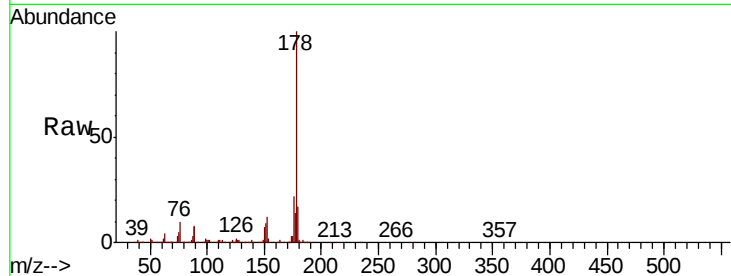




#71
Phenanthrene
Concen: 48.389 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

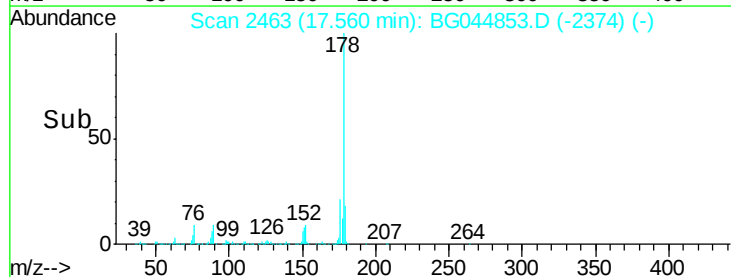
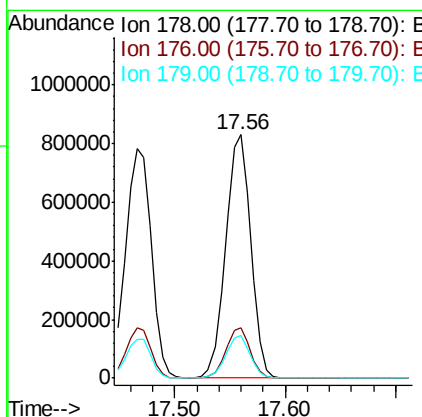
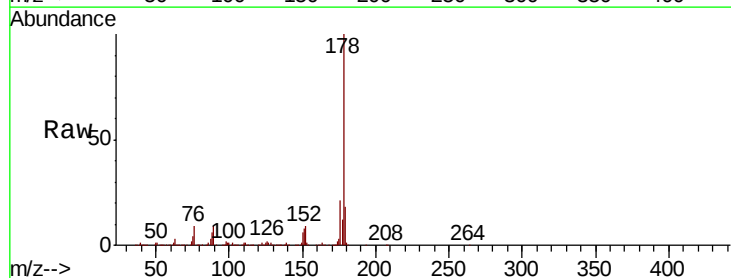
Instrument :
BNA_N
ClientSampleId :

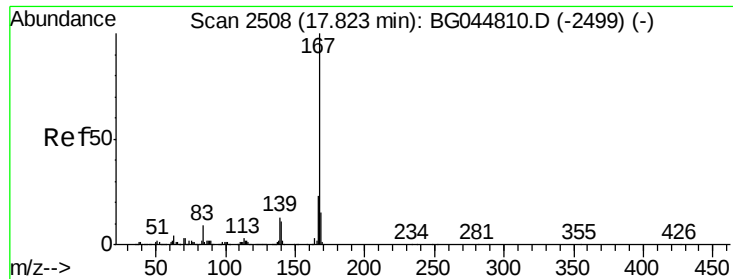
Tot Ion:178 Resp: 1286712
Ion Ratio Lower Upper
178 100
176 21.7 16.6 24.8
179 17.2 13.5 20.3



#72
Anthracene
Concen: 50.314 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion:178 Resp: 1319256
Ion Ratio Lower Upper
178 100
176 20.5 15.9 23.9
179 17.7 13.2 19.8





#73

Carbazole

Concen: 49.533 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

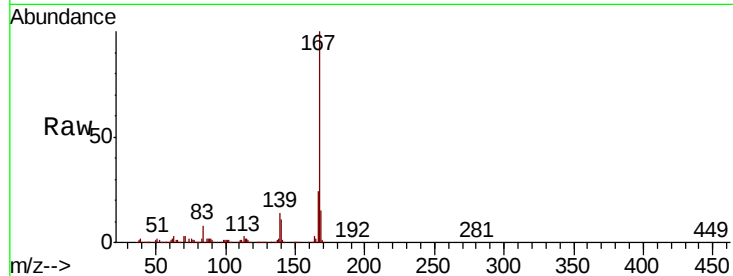
Instrument :

BNA_N

ClientSampleId :

Tot Ion:167 Resp: 1247566

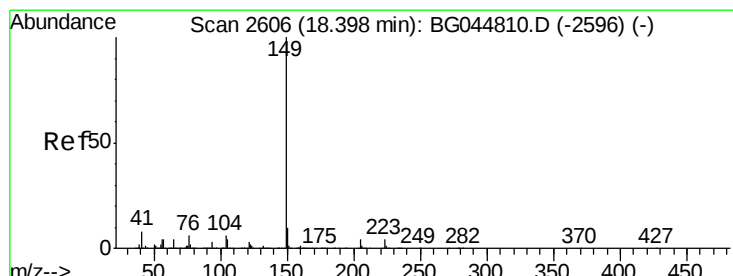
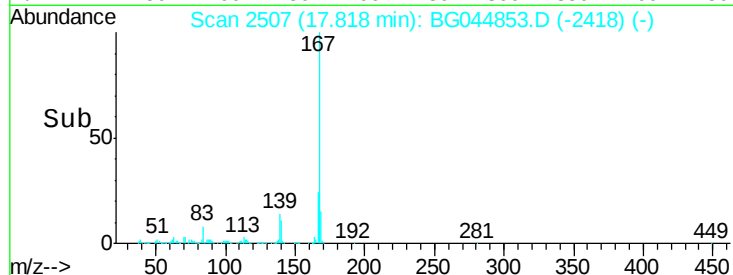
Ion	Ratio	Lower	Upper
167	100		
166	24.2	18.8	28.2
139	13.6	10.8	16.2



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: 47.473 ng

RT: 18.39 min Scan# 2605

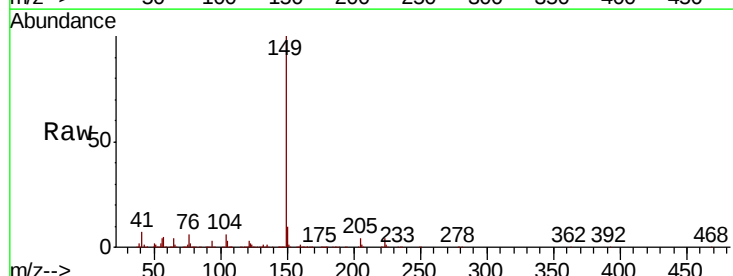
Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Tgt Ion:149 Resp: 1453484

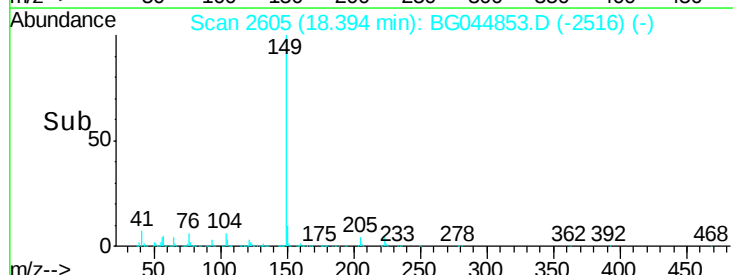
Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.1	12.1
104	6.2	5.0	7.4



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: 50.160 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_N

ClientSampleId :

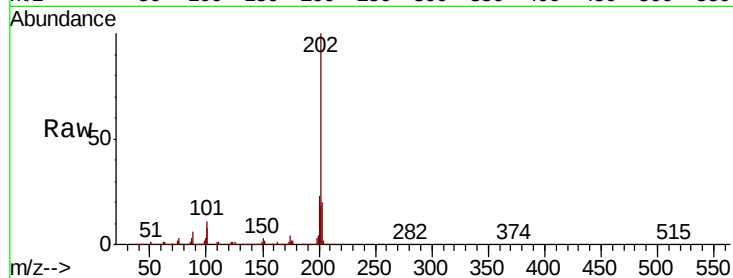
Tot Ion:202 Resp: 1588127

Ion Ratio Lower Upper

202 100

101 10.6 0.0 29.8

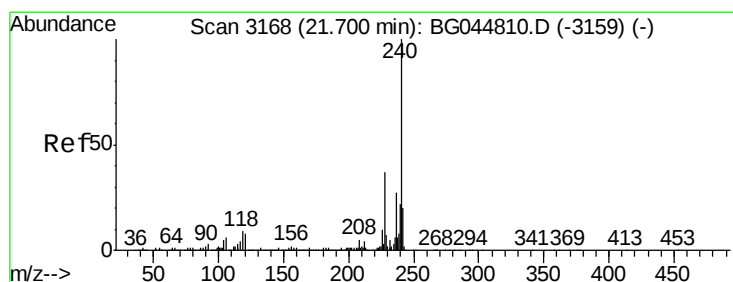
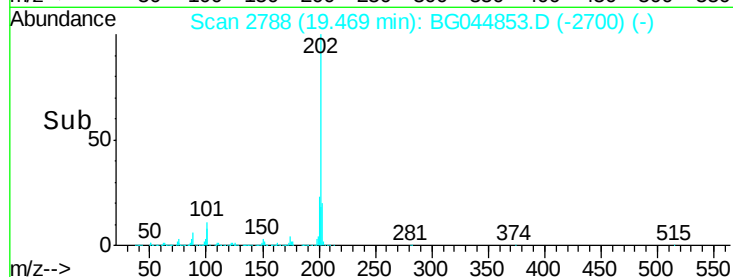
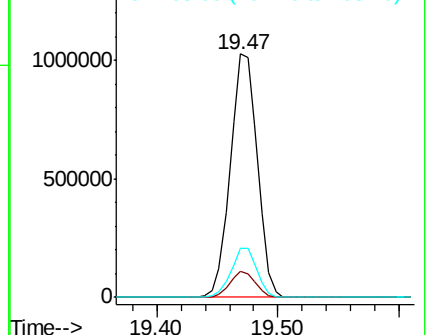
203 20.1 0.0 39.4



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

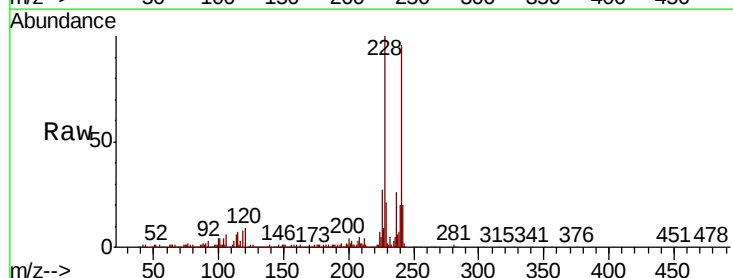
Tgt Ion:240 Resp: 434219

Ion Ratio Lower Upper

240 100

120 9.3 6.7 10.1

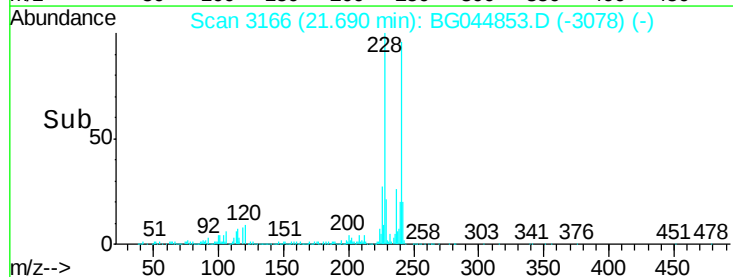
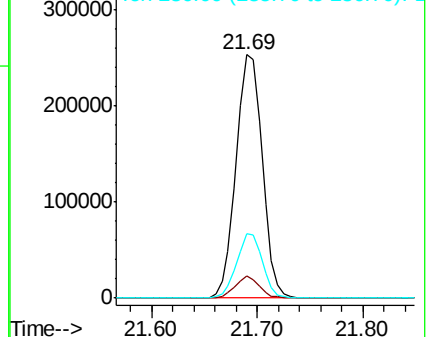
236 26.7 21.5 32.3

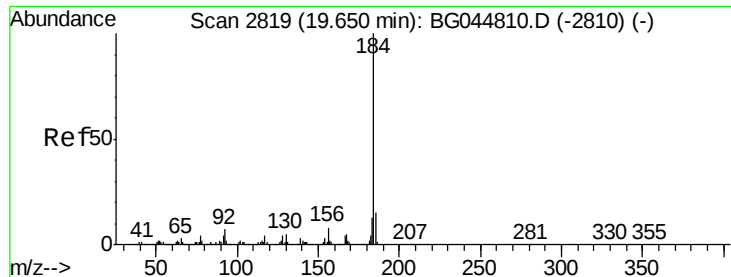


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 81.968 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

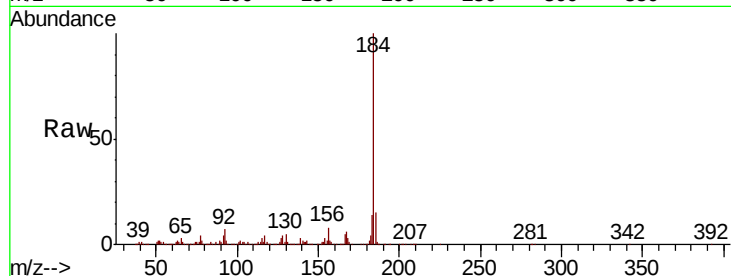
Instrument :

BNA_N

ClientSampled :

Tot Ion:184 Resp: 1155461

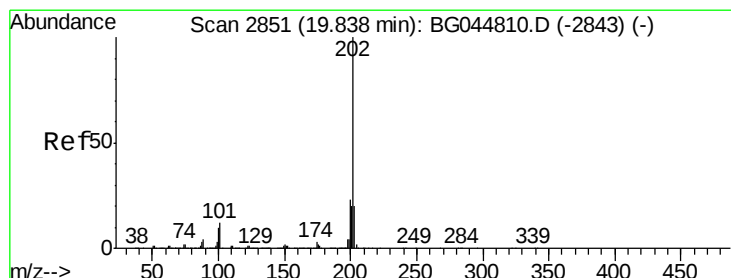
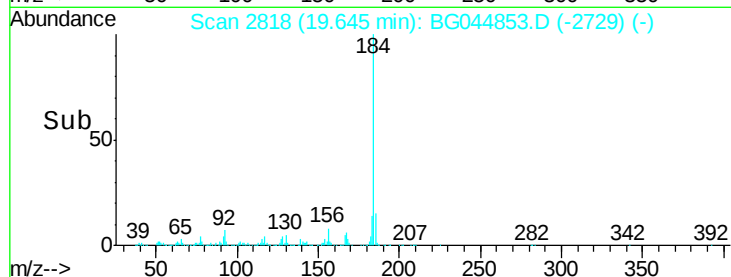
Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.2	18.4
183	13.6	10.7	16.1



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: 48.950 ng

RT: 19.83 min Scan# 2850

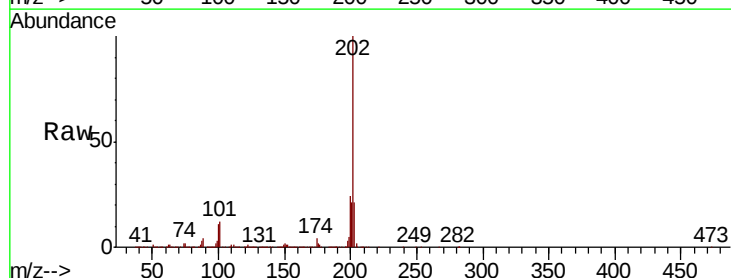
Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Tgt Ion:202 Resp: 1559401

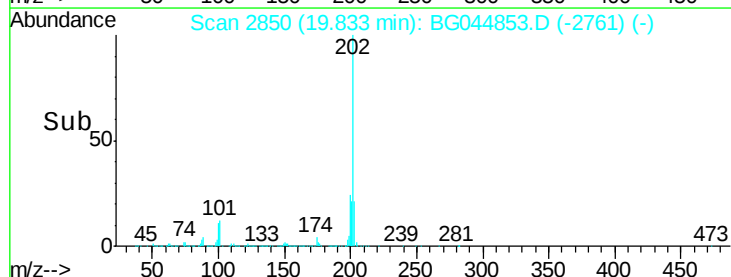
Ion	Ratio	Lower	Upper
202	100		
200	24.4	18.3	27.5
203	20.6	15.6	23.4

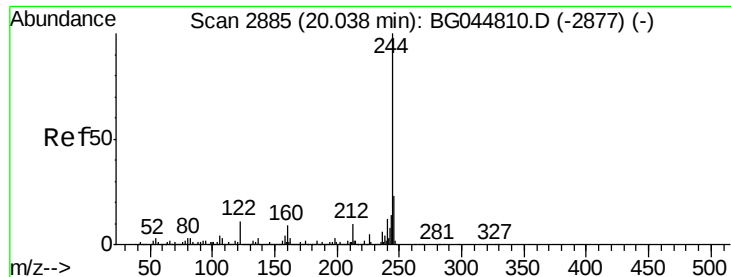


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 0.065 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_N

ClientSampled :

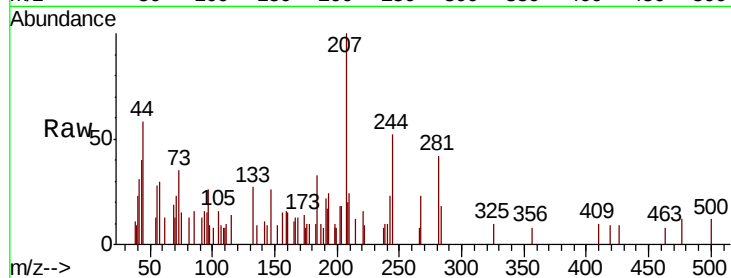
Tot Ion:244 Resp: 1506

Ion Ratio Lower Upper

244 100

212 0.0 7.7 11.5#

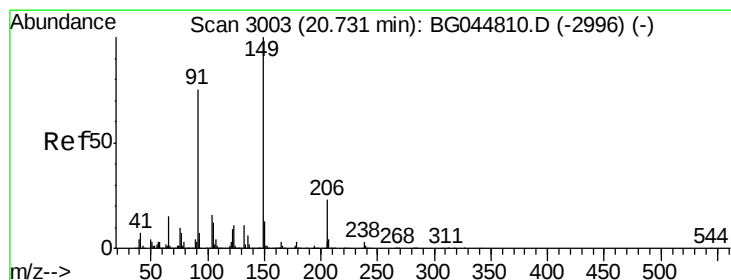
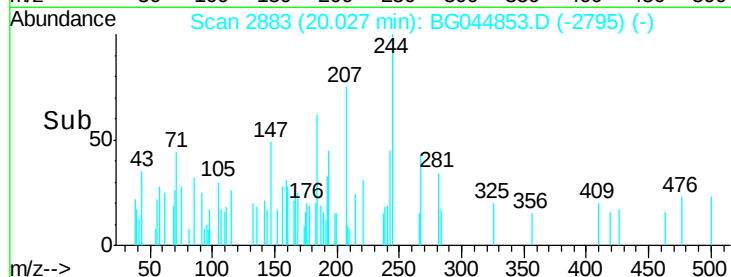
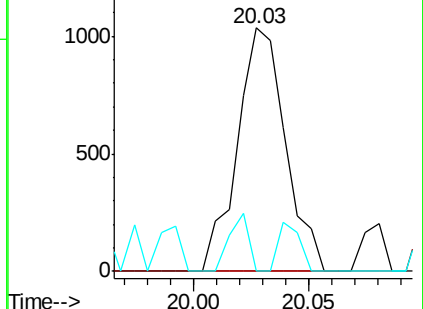
122 0.0 8.6 12.8#



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: 48.543 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

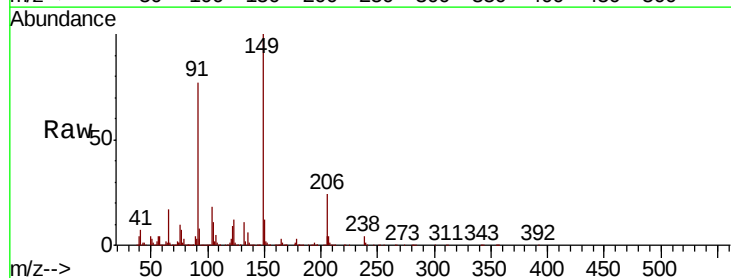
Tgt Ion:149 Resp: 687977

Ion Ratio Lower Upper

149 100

91 77.3 60.2 90.4

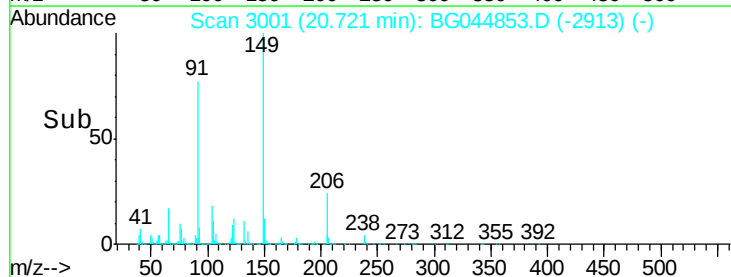
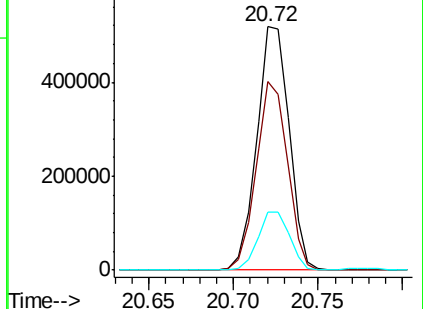
206 23.9 18.6 27.8

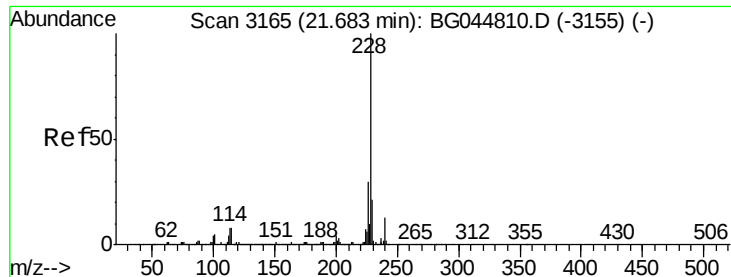


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

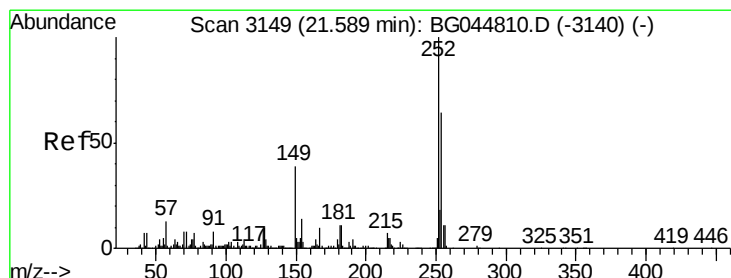
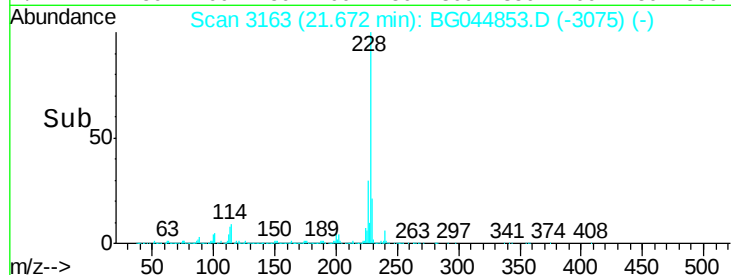
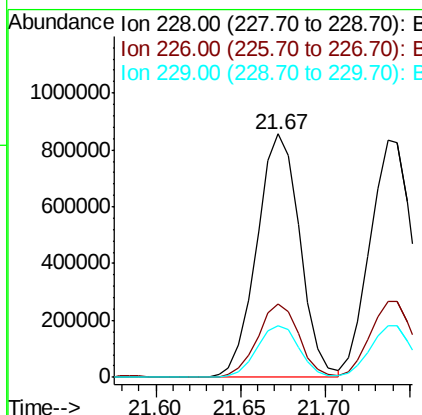
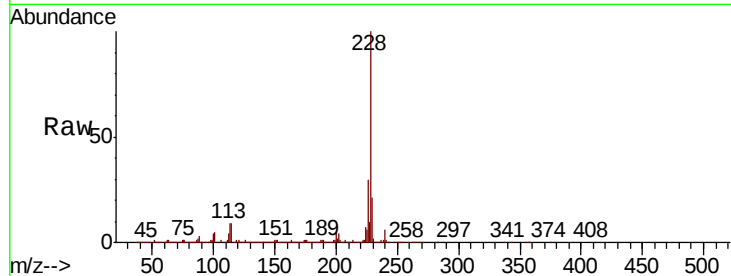




#81
Benzo(a)anthracene
Concen: 48.417 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

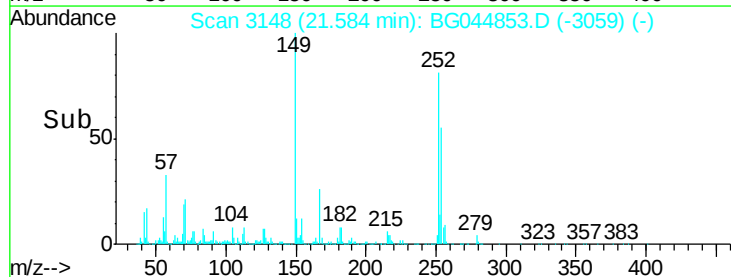
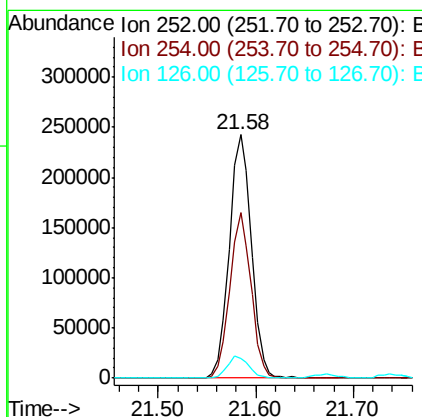
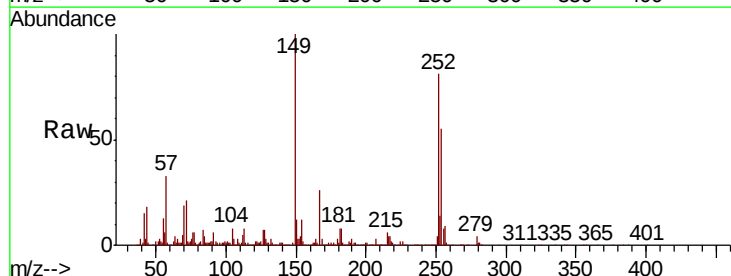
Instrument :
BNA_N
ClientSampled :

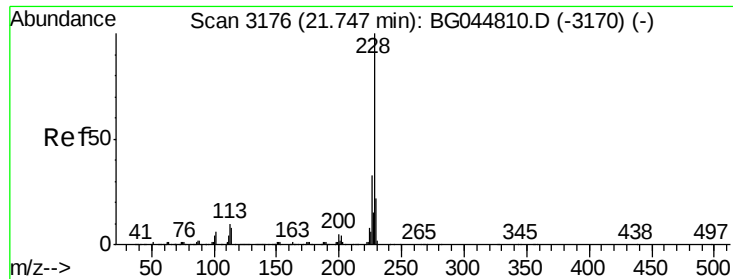
Tot Ion:228 Resp: 1513846
Ion Ratio Lower Upper
228 100
226 30.1 23.6 35.4
229 21.3 17.1 25.7



#82
3,3'-Dichlorobenzidine
Concen: 31.437 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion:252 Resp: 380269
Ion Ratio Lower Upper
252 100
254 67.9 51.6 77.4
126 8.1 7.0 10.6





#83

Chrysene

Concen: 48.547 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

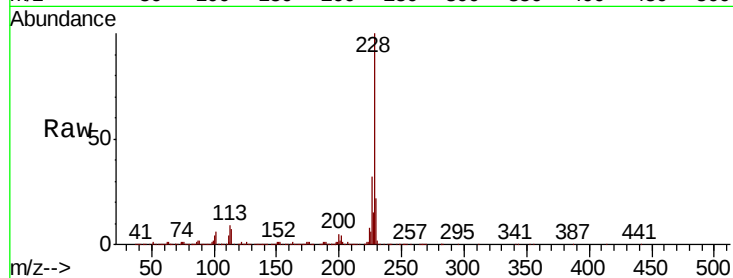
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 1449957

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.9	38.9
229	21.8	17.4	26.0

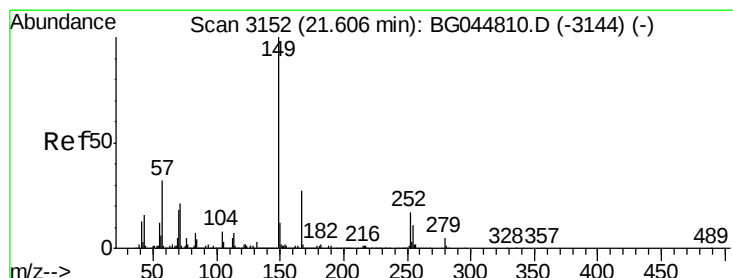
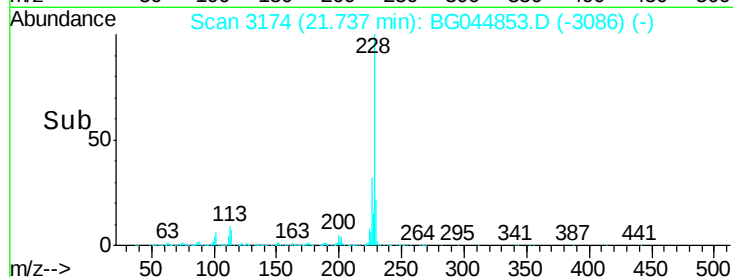
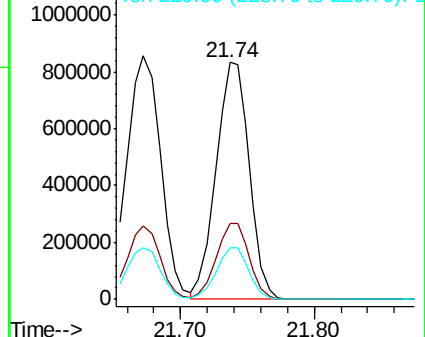


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.911 ng

RT: 21.60 min Scan# 3150

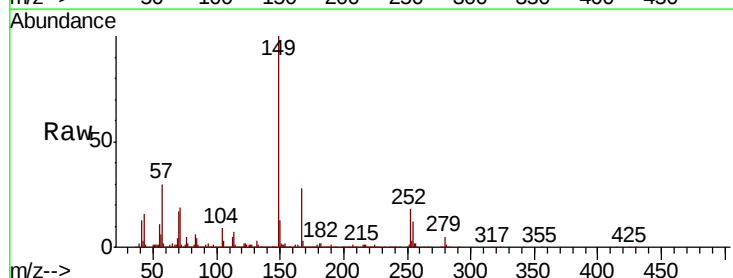
Delta R.T. -0.01 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Tgt Ion:149 Resp: 937128

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.8	32.6
279	5.3	3.8	5.6

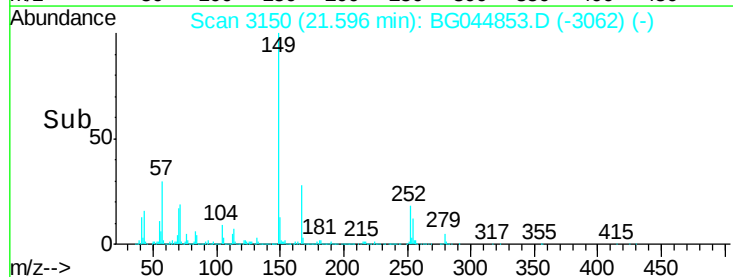
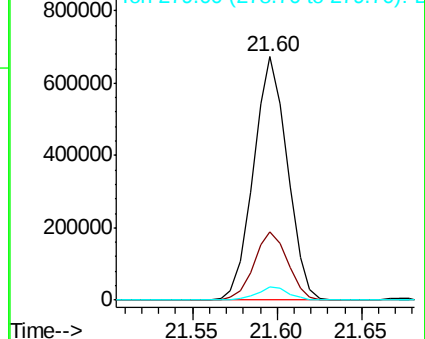


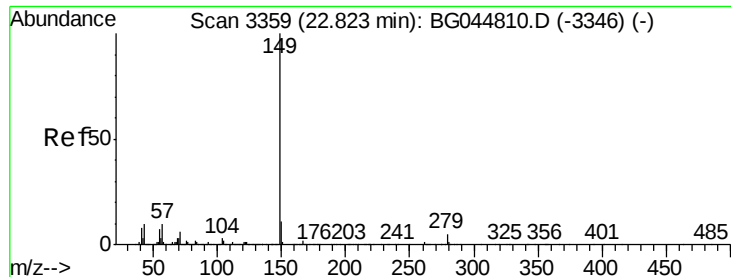
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.608 ng

RT: 22.81 min Scan# 3357

Delta R.T. -0.01 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_N

ClientSampled :

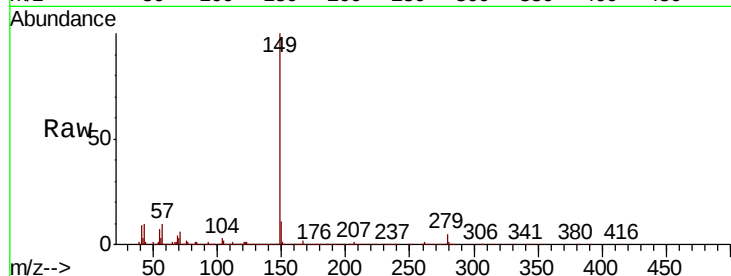
Tot Ion:149 Resp: 1591015

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

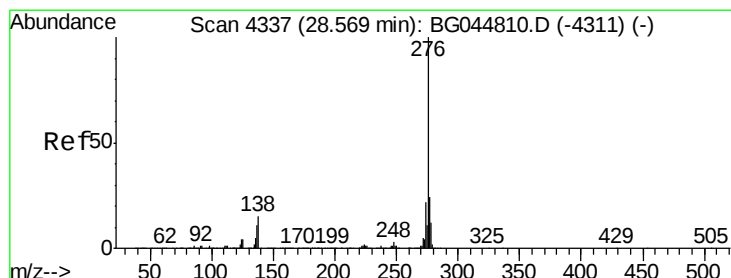
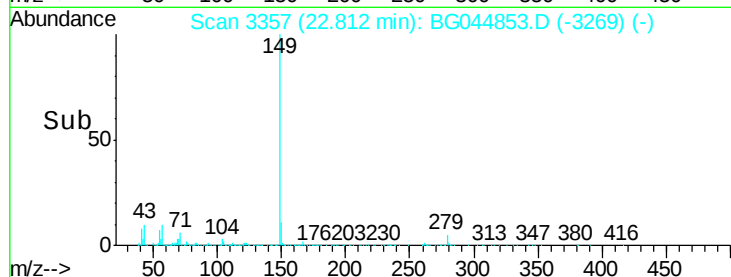
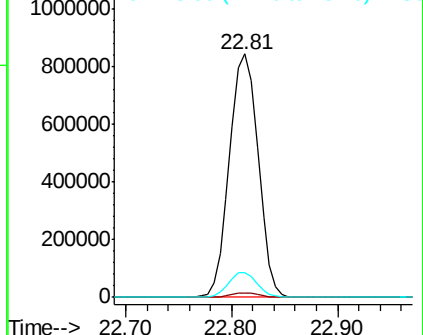
43 10.1 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.836 ng

RT: 28.55 min Scan# 4334

Delta R.T. -0.02 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

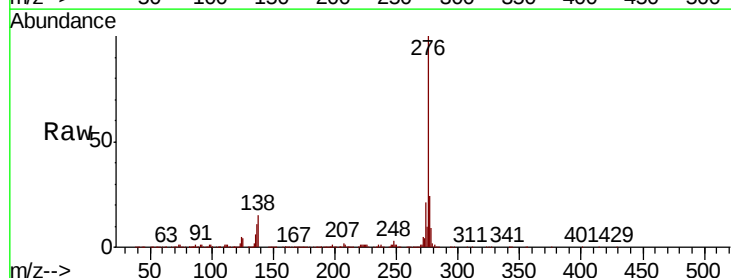
Tgt Ion:276 Resp: 1912224

Ion Ratio Lower Upper

276 100

138 13.4 7.4 11.0#

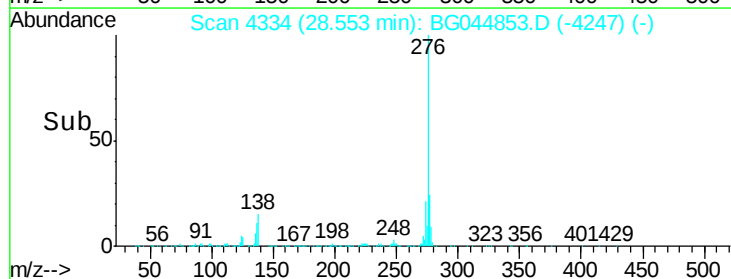
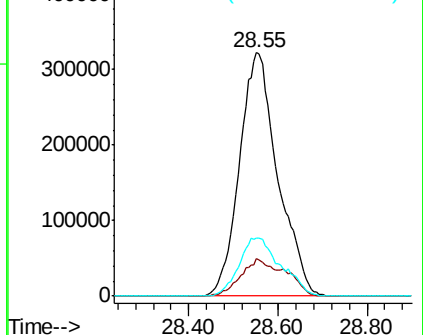
277 26.0 20.8 31.2

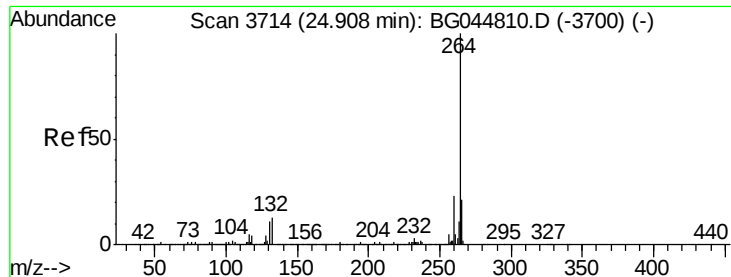


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_N

ClientSampled :

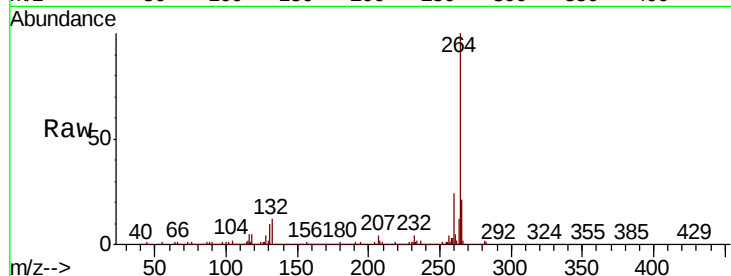
Tot Ion:264 Resp: 504001

Ion Ratio Lower Upper

264 100

260 24.2 18.1 27.1

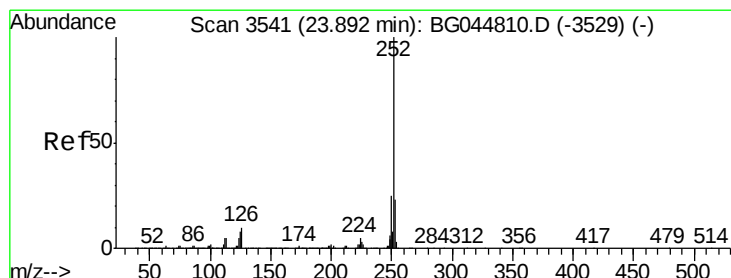
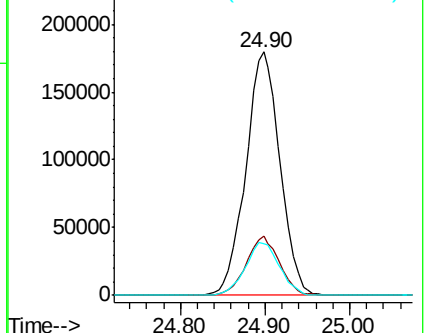
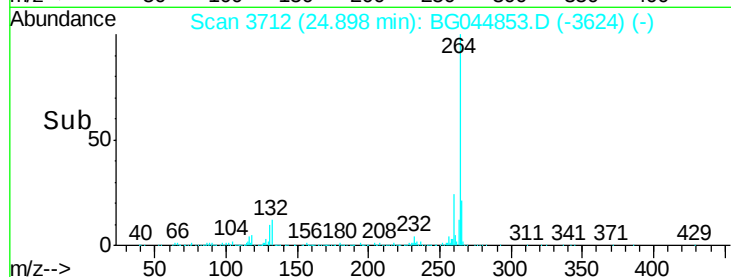
265 21.0 17.1 25.7



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: 49.366 ng

RT: 23.89 min Scan# 3540

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

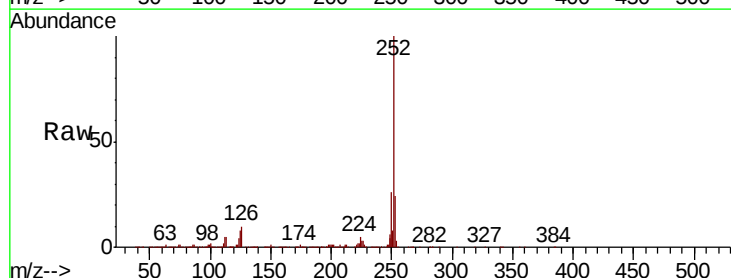
Tgt Ion:252 Resp: 1642565

Ion Ratio Lower Upper

252 100

253 23.8 18.1 27.1

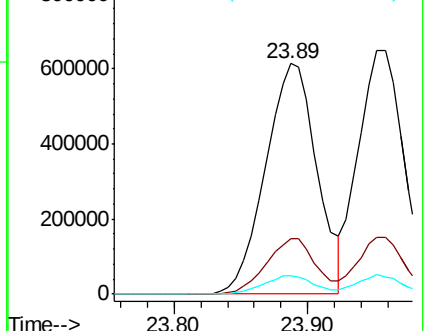
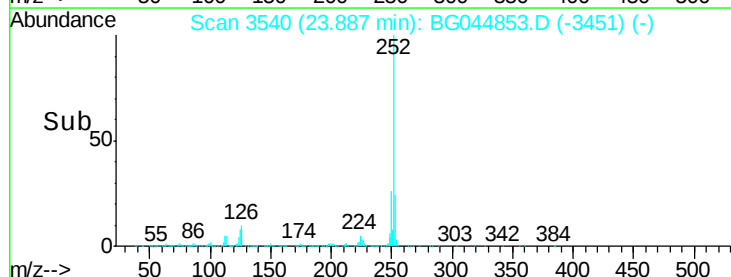
125 8.0 6.6 9.8

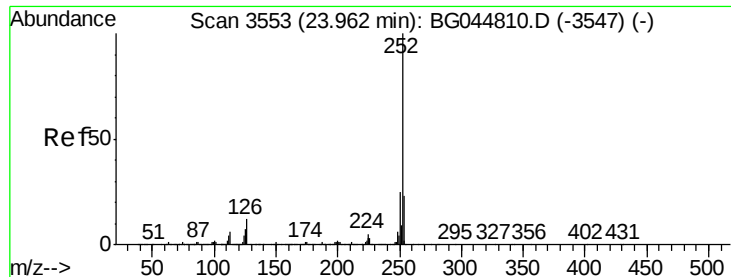


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.423 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_N

ClientSampleId :

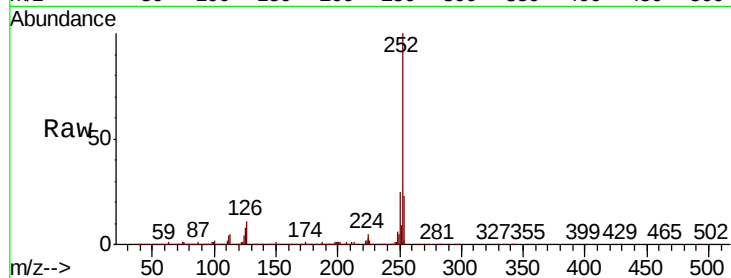
Tot Ion:252 Resp: 1524710

Ion Ratio Lower Upper

252 100

253 23.3 18.5 27.7

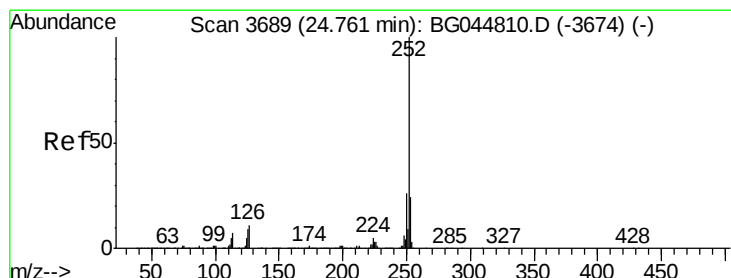
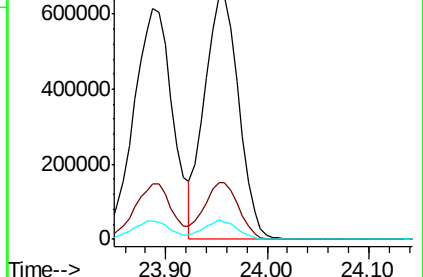
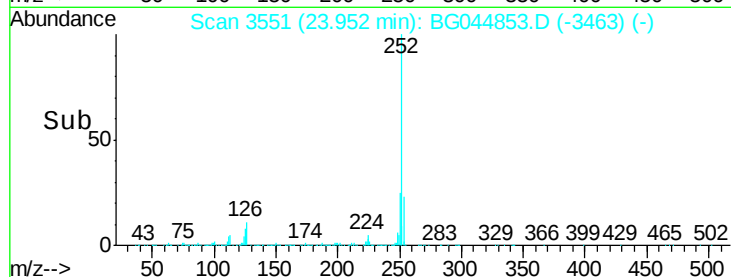
125 7.9 6.2 9.2



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: 47.814 ng

RT: 24.75 min Scan# 3687

Delta R.T. -0.01 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

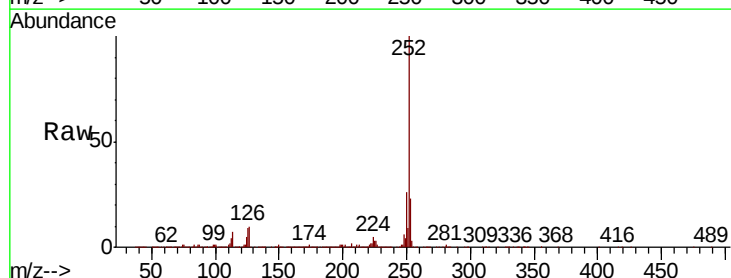
Tgt Ion:252 Resp: 1488644

Ion Ratio Lower Upper

252 100

253 23.2 19.4 29.0

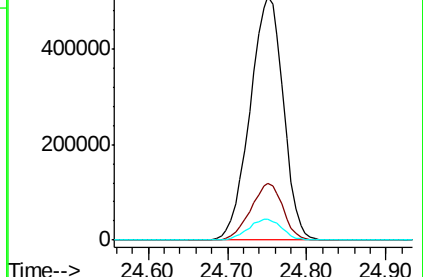
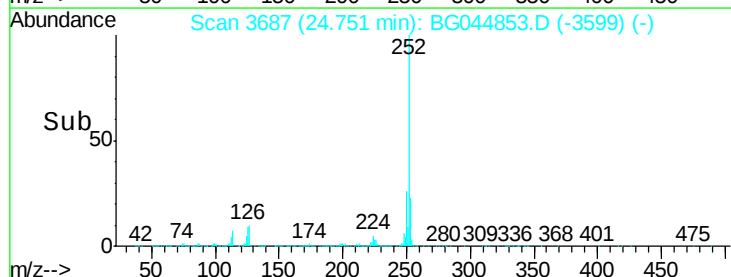
125 8.6 7.2 10.8

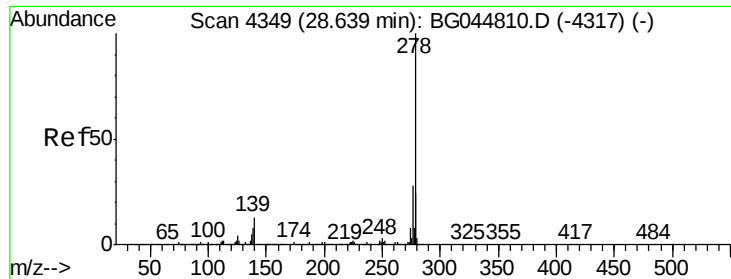


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

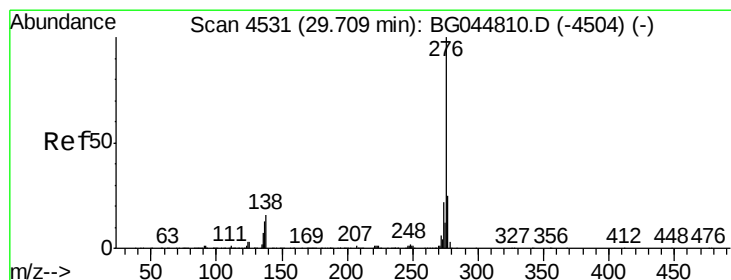
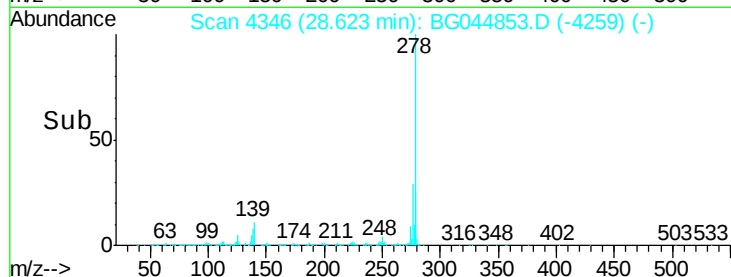
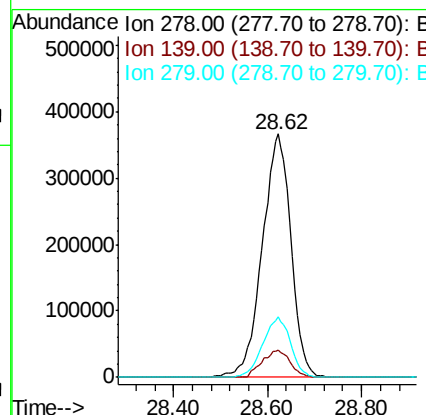
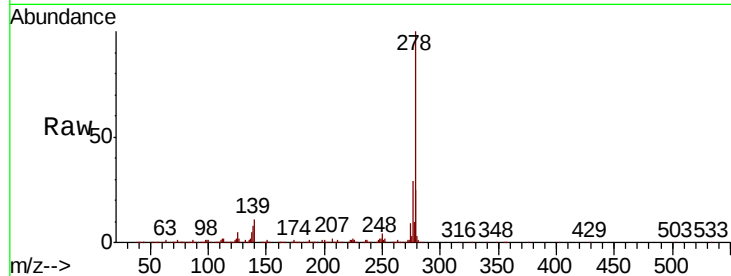




#91
Dibenzo(a,h)anthracene
Concen: 50.538 ng
RT: 28.62 min Scan# 4346
Delta R.T. -0.02 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_N
ClientSampled :

Tot Ion:278 Resp: 1552274
Ion Ratio Lower Upper
278 100
139 11.1 10.2 15.2
279 24.7 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 50.292 ng
RT: 29.69 min Scan# 4528
Delta R.T. -0.02 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion:276 Resp: 1560692
Ion Ratio Lower Upper
276 100
277 24.2 20.1 30.1
138 15.2 13.0 19.6

