

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044887.D
 Acq On : 19 Mar 2020 7:43
 Operator : CG/JU
 Sample : PB127567BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 19 11:20:48 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	8.04	152	75112	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	284775	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	187814	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	461199	20.00	ng	0.00
76) Chrysene-d12	21.69	240	476986	20.00	ng	0.00
87) Perylene-d12	24.89	264	524333	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	600786	124.51	ng	0.00
7) Phenol-d6	7.20	99	819407	116.88	ng	0.00
23) Nitrobenzene-d5	9.20	82	520538	80.21	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	359532	146.20	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1126755	85.91	ng	0.00
79) Terphenyl-d14	20.03	244	2030549	79.63	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	79273	34.117	ng	98
3) Pyridine	3.90	79	200258	29.113	ng	95
4) n-Nitrosodimethylamine	3.81	42	104392	39.999	ng	92
6) Aniline	7.36	93	273686	31.374	ng	98
8) 2-Chlorophenol	7.61	128	230386	47.831	ng	99
9) Benzaldehyde	7.17	77	177347	42.187	ng	98
10) Phenol	7.23	94	303998	43.800	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	220599	39.825	ng	99
12) 1,3-Dichlorobenzene	7.93	146	242987	40.952	ng	98
13) 1,4-Dichlorobenzene	8.08	146	245901	41.920	ng	97
14) 1,2-Dichlorobenzene	8.40	146	226174	40.654	ng	97
15) Benzyl Alcohol	8.27	79	234646	41.716	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	328794	33.636	ng	98
17) 2-Methylphenol	8.48	107	204325	43.460	ng	95
18) Hexachloroethane	9.14	117	92009	39.841	ng	85
19) n-Nitroso-di-n-propylamine	8.85	70	183694	37.108	ng	99
20) 3+4-Methylphenols	8.81	107	287515	44.363	ng	97
22) Acetophenone	8.86	105	337153	41.791	ng	98
24) Nitrobenzene	9.24	77	283103	42.042	ng	100
25) Isophorone	9.77	82	515692	40.715	ng	98
26) 2-Nitrophenol	9.96	139	122597	51.932	ng	98
27) 2,4-Dimethylphenol	10.02	122	217634	52.764	ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	299444	39.615	ng	98
29) 2,4-Dichlorophenol	10.49	162	230084	47.758	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	246413	42.776	ng	98
31) Naphthalene	10.90	128	676302	42.871	ng	99
32) Benzoic acid	10.16	122	134000	42.971	ng	97
33) 4-Chloroaniline	11.00	127	142550	20.057	ng	97
34) Hexachlorobutadiene	11.20	225	161763	42.701	ng	91
35) Caprolactam	11.76	113	41015	22.486	ng	94
36) 4-Chloro-3-methylphenol	12.12	107	261327	45.481	ng	97
37) 2-Methylnaphthalene	12.51	142	501134	42.467	ng	97
38) 1-Methylnaphthalene	12.72	142	476174	42.922	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	272359	44.033	ng	98

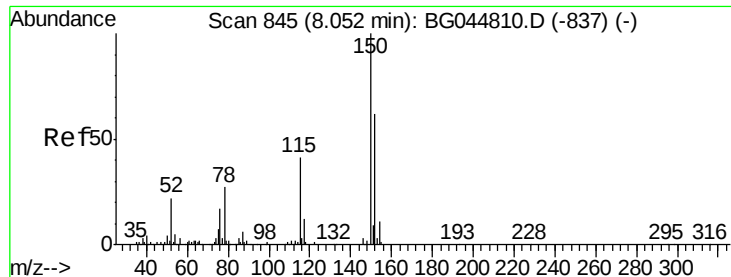
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044887.D
 Acq On : 19 Mar 2020 7:43
 Operator : CG/JU
 Sample : PB127567BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 19 11:20:48 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)
41) Hexachlorocyclopentadiene	12.86	237	393644	116.453	ng	96
43) 2,4,6-Trichlorophenol	13.11	196	203361	49.541	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	219463	51.553	ng	99
46) 1,1'-Biphenyl	13.51	154	630084	41.981	ng	99
47) 2-Chloronaphthalene	13.55	162	486334	42.418	ng	98
48) 2-Nitroaniline	13.74	65	181004	45.094	ng	98
49) Acenaphthylene	14.39	152	827982	46.096	ng	100
50) Dimethylphthalate	14.13	163	669945	44.787	ng	98
51) 2,6-Dinitrotoluene	14.24	165	156085	51.767	ng	95
52) Acenaphthene	14.74	154	611452	51.979	ng	96
53) 3-Nitroaniline	14.56	138	107603	31.041	ng	94
54) 2,4-Dinitrophenol	14.77	184	193957	118.617	ng	90
55) Dibenzofuran	15.08	168	778394	45.630	ng	99
56) 4-Nitrophenol	14.88	139	275674	104.201	ng	97
57) 2,4-Dinitrotoluene	15.03	165	220714	53.374	ng	98
58) Fluorene	15.72	166	644139	45.903	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	207798	53.019	ng	97
60) Diethylphthalate	15.49	149	689777	44.212	ng	100
61) 4-Chlorophenyl-phenylether	15.72	204	348816	46.164	ng	99
62) 4-Nitroaniline	15.73	138	161767	43.763	ng	97
63) Azobenzene	16.01	77	691558	42.685	ng	99
65) 4,6-Dinitro-2-methylphenol	15.79	198	135021	59.924	ng	96
66) n-Nitrosodiphenylamine	15.93	169	587611	42.319	ng	96
67) 4-Bromophenyl-phenylether	16.61	248	245045	42.501	ng	98
68) Hexachlorobenzene	16.73	284	266300	42.573	ng	98
69) Atrazine	16.88	200	244692	48.099	ng	99
70) Pentachlorophenol	17.07	266	350798	101.927	ng	99
71) Phenanthrene	17.46	178	1081128	43.867	ng	100
72) Anthracene	17.56	178	1102735	45.376	ng	99
73) Carbazole	17.82	167	1050640	45.007	ng	100
74) Di-n-butylphthalate	18.39	149	1264034	44.544	ng	99
75) Fluoranthene	19.47	202	1419714	48.380	ng	99
77) Benzidine	19.64	184	821966	53.082	ng	99
78) Pyrene	19.83	202	1415993	40.463	ng	99
80) Butylbenzylphthalate	20.72	149	617299	39.650	ng	99
81) Benzo(a)anthracene	21.67	228	1428592	41.594	ng	100
82) 3,3'-Dichlorobenzidine	21.58	252	408960	30.778	ng	97
83) Chrysene	21.74	228	1341749	40.896	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	850142	39.566	ng	# 96
85) Di-n-octyl phthalate	22.81	149	1469118	40.860	ng	99
86) Indeno(1,2,3-cd)pyrene	28.54	276	1808631	42.049	ng	# 98
88) Benzo(b)fluoranthene	23.88	252	1503996	43.449	ng	99
89) Benzo(k)fluoranthene	23.95	252	1462195	44.637	ng	98
90) Benzo(a)pyrene	24.75	252	1389698	42.906	ng	98
91) Dibenzo(a,h)anthracene	28.61	278	1453513	45.487	ng	# 98
92) Benzo(g,h,i)perylene	29.68	276	1489669	46.142	ng	98

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

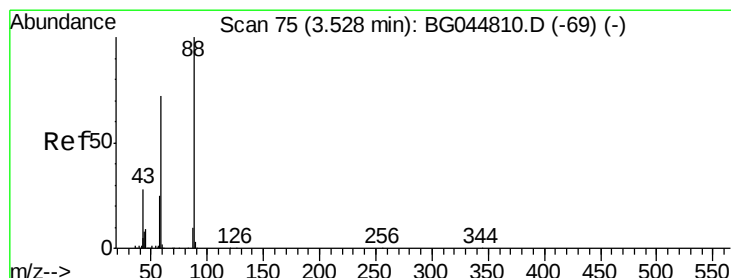
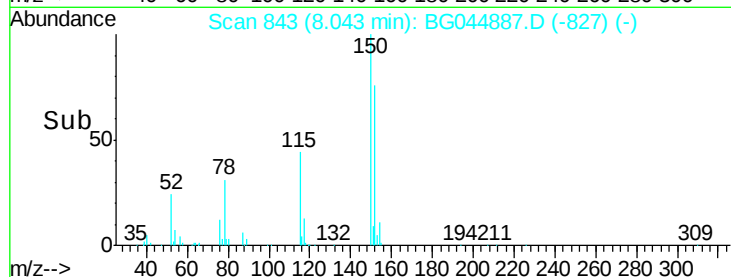
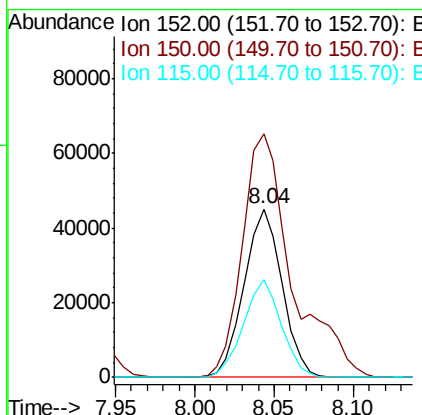
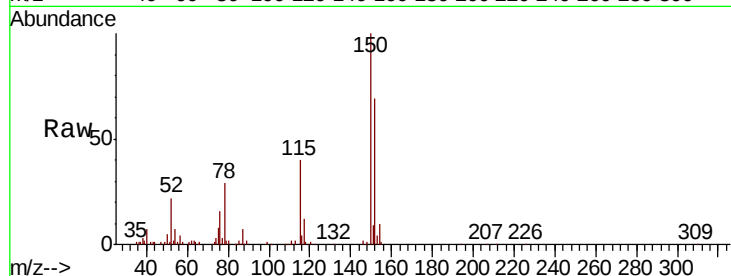


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampled :

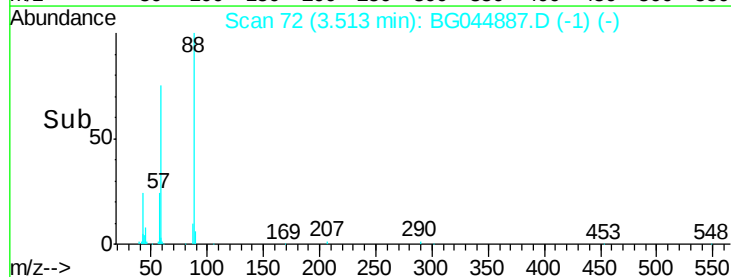
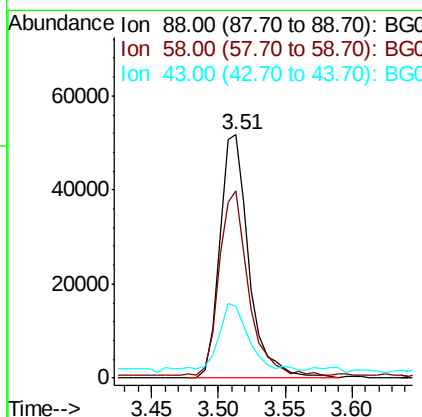
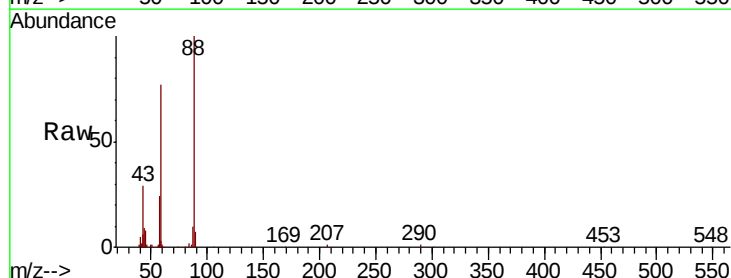
Tot Ion	Ratio	Lower	Upper
152	100		
150	144.7	128.8	193.2
115	58.2	52.6	79.0

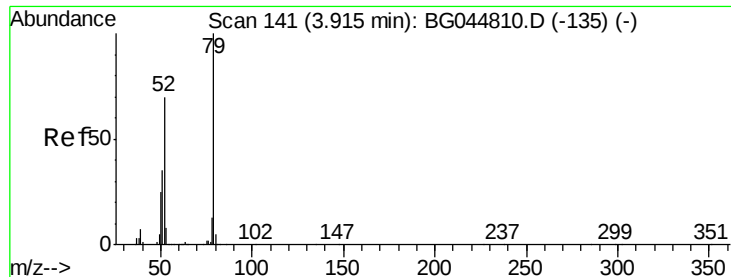


#2

1,4-Dioxane
Concen: 34.117 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.6	63.0	94.4
43	29.9	24.8	37.2





#3

Pvridine

Concen: 29.113 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

ClientSampleId :

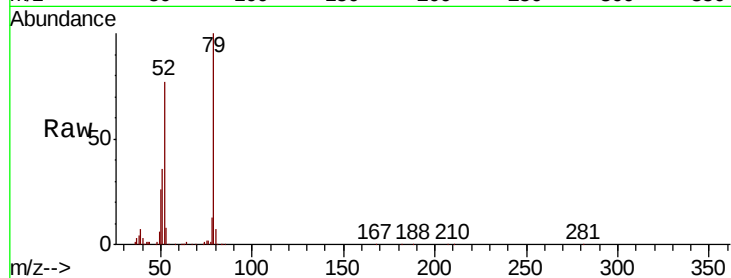
Tot Ion: 79 Resp: 200258

Ion Ratio Lower Upper

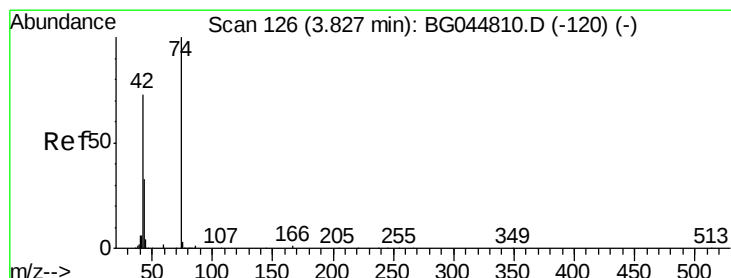
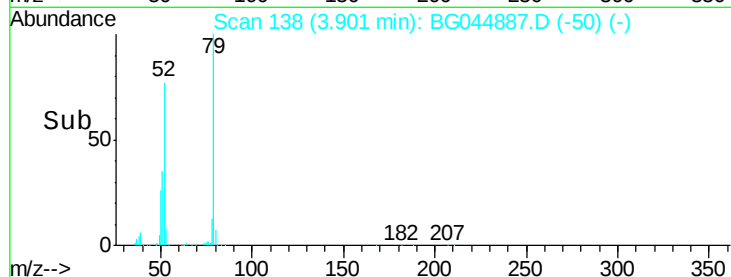
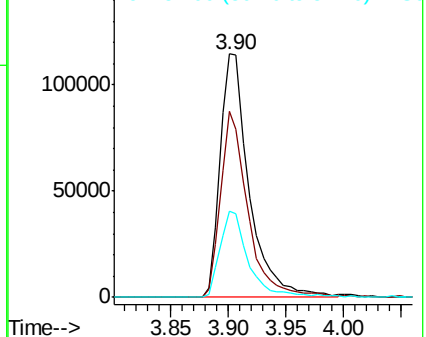
79 100

52 76.5 56.3 84.5

51 35.6 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: 39.999 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

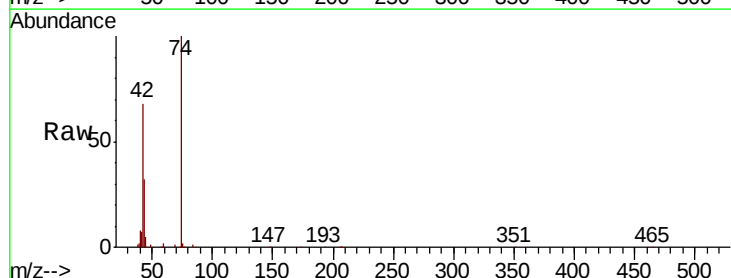
Tgt Ion: 42 Resp: 104392

Ion Ratio Lower Upper

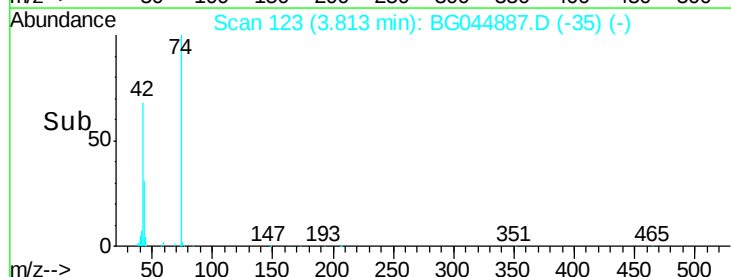
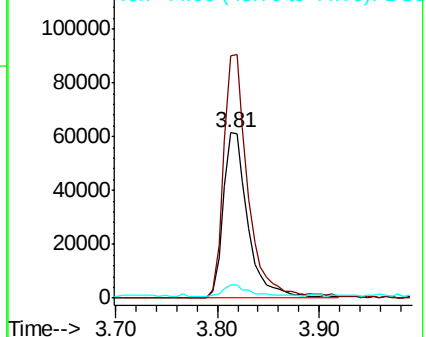
42 100

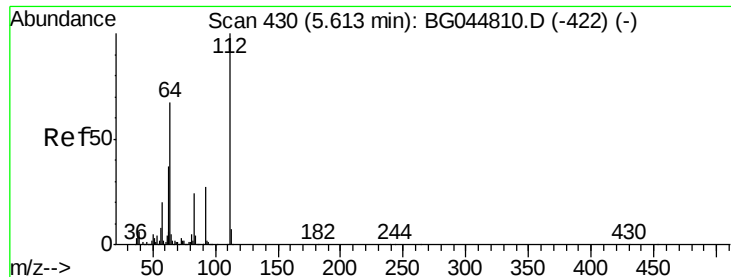
74 146.3 109.1 163.7

44 7.8 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: 124.513 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

ClientSampleId :

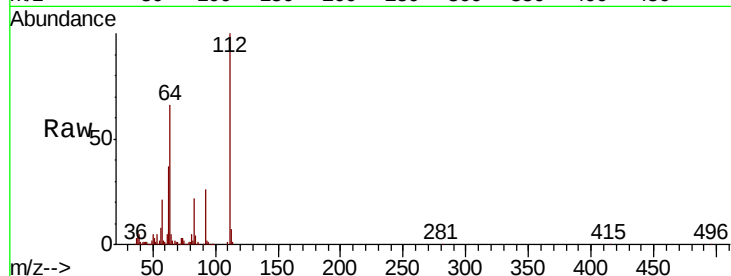
Tot Ion:112 Resp: 600786

Ion Ratio Lower Upper

112 100

64 66.3 53.4 80.2

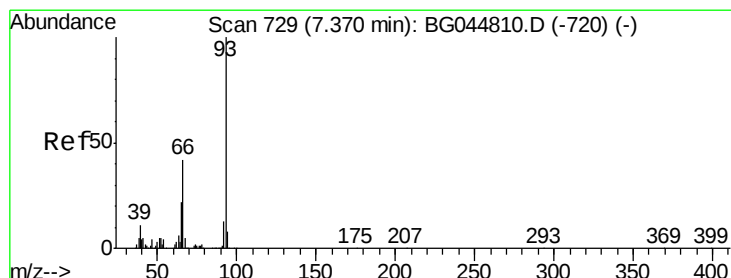
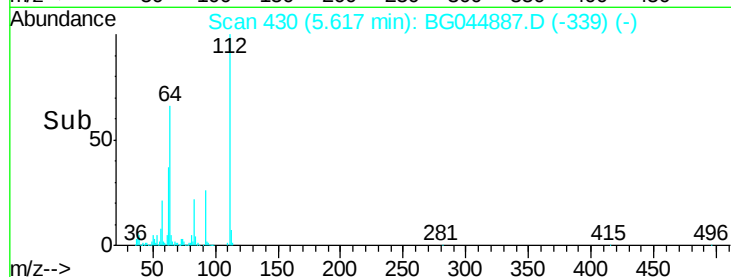
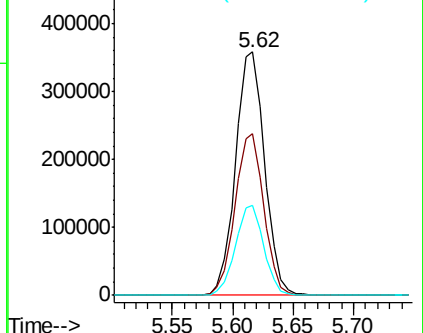
63 36.9 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.374 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

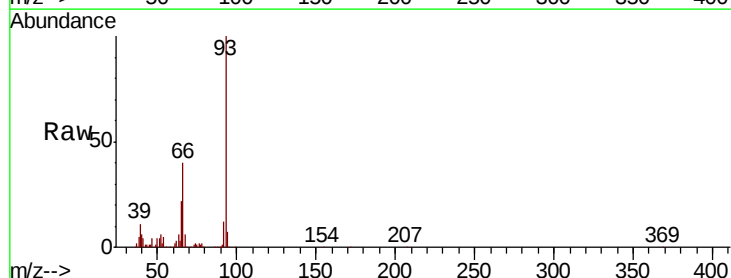
Tgt Ion: 93 Resp: 273686

Ion Ratio Lower Upper

93 100

66 40.1 33.7 50.5

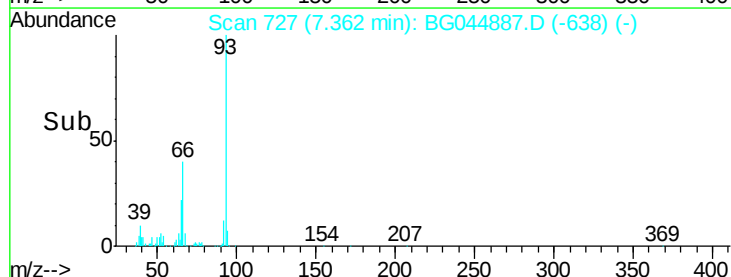
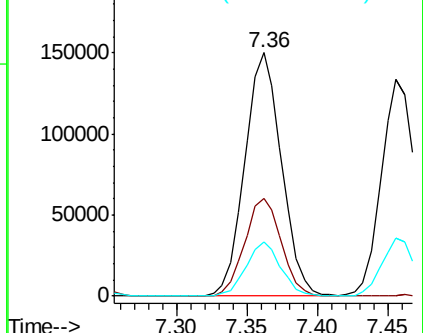
65 22.2 17.7 26.5

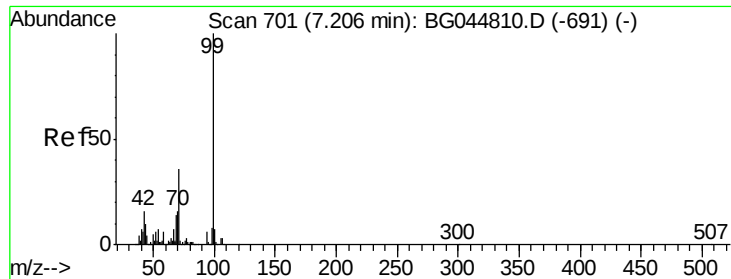


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.882 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

ClientSampleId :

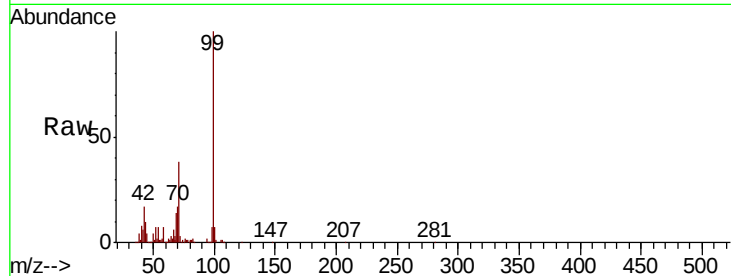
Tot Ion: 99 Resp: 819407

Ion Ratio Lower Upper

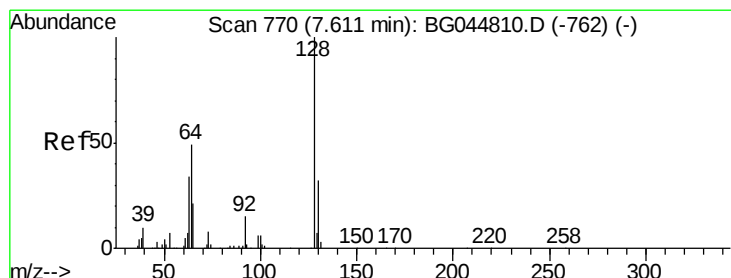
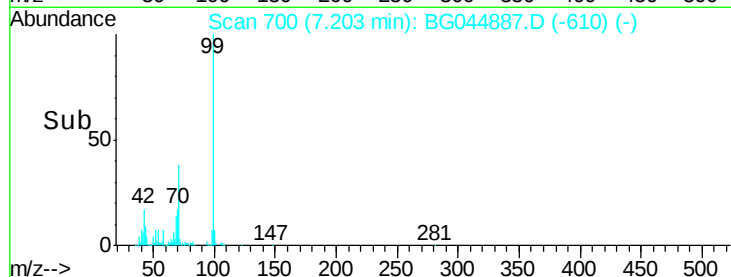
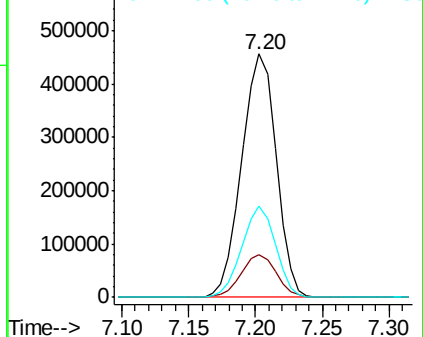
99 100

42 17.3 12.6 19.0

71 37.6 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: 47.831 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

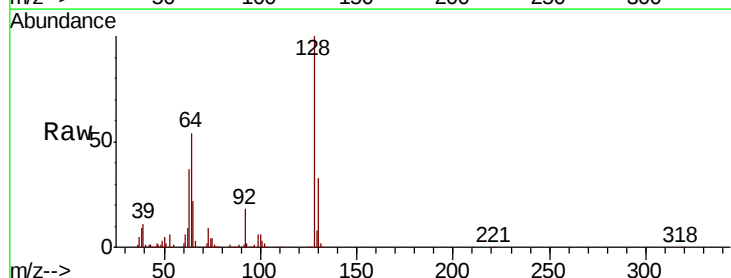
Tgt Ion:128 Resp: 230386

Ion Ratio Lower Upper

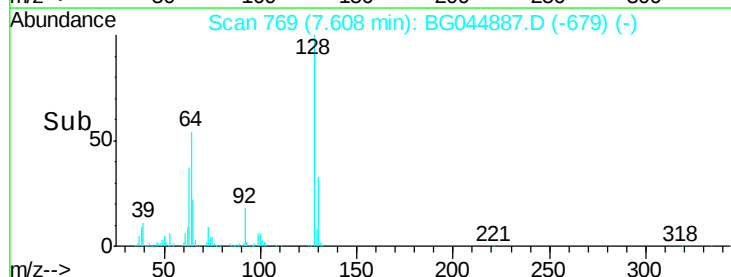
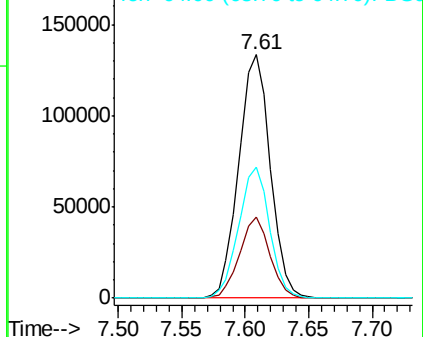
128 100

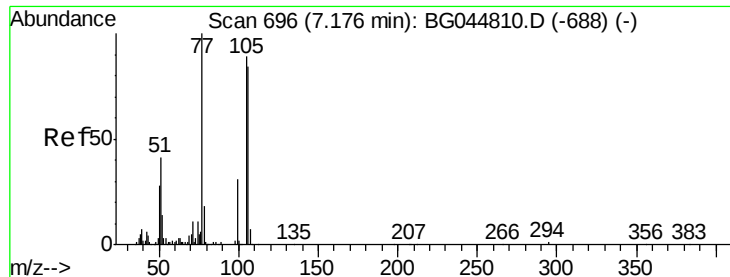
130 33.1 11.6 51.6

64 53.9 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: 42.187 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

ClientSampled :

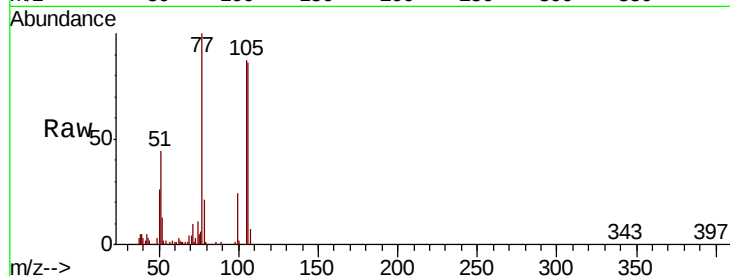
Tot Ion: 77 Resp: 177347

Ion Ratio Lower Upper

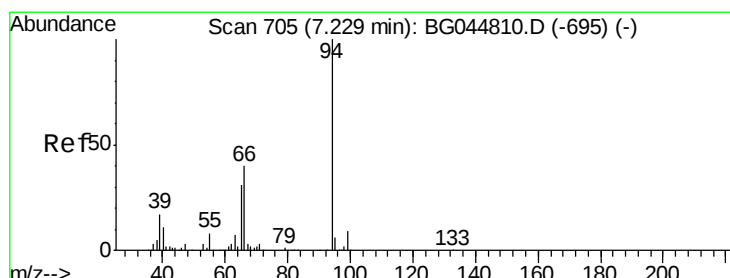
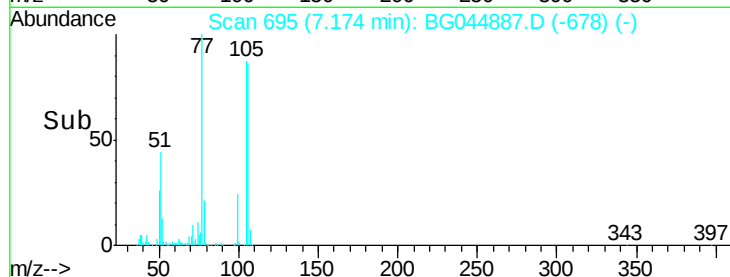
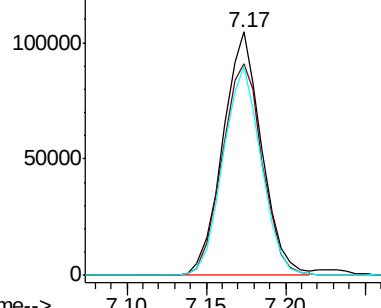
77 100

105 87.1 69.3 109.3

106 85.9 64.5 104.5



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



#10

Phenol

Concen: 43.800 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

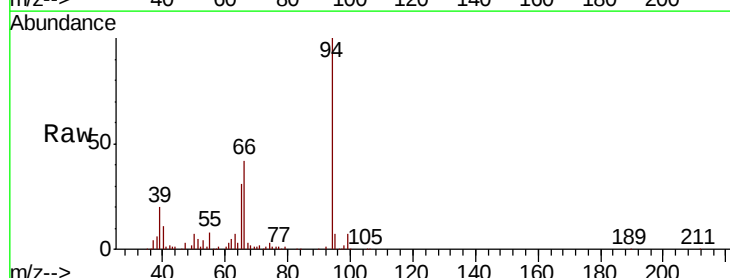
Tgt Ion: 94 Resp: 303998

Ion Ratio Lower Upper

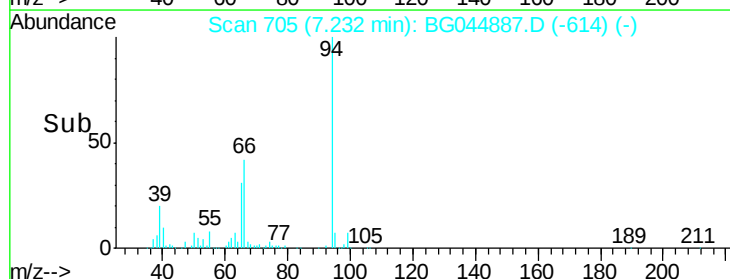
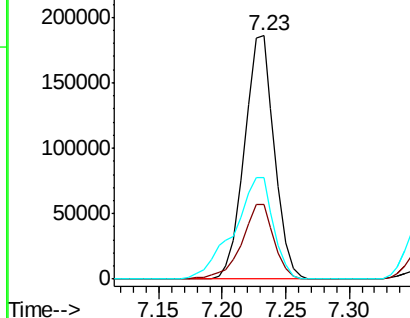
94 100

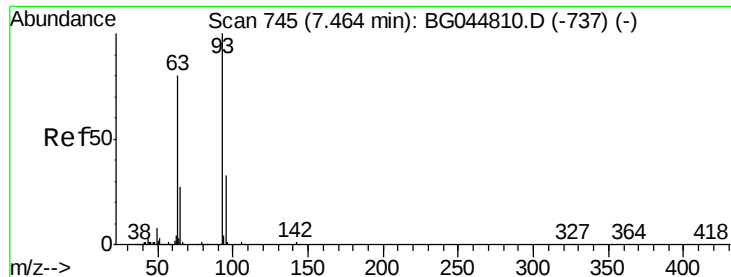
65 30.5 11.0 51.0

66 41.6 20.1 60.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

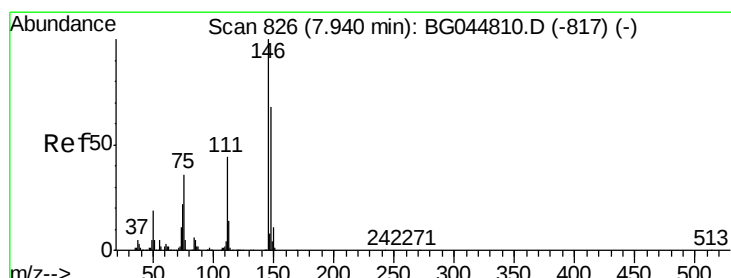
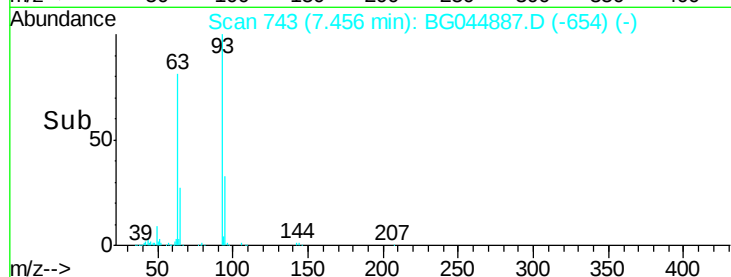
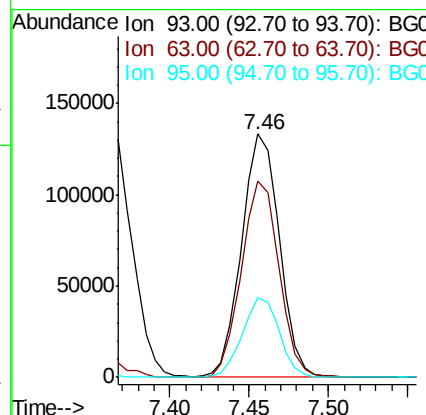
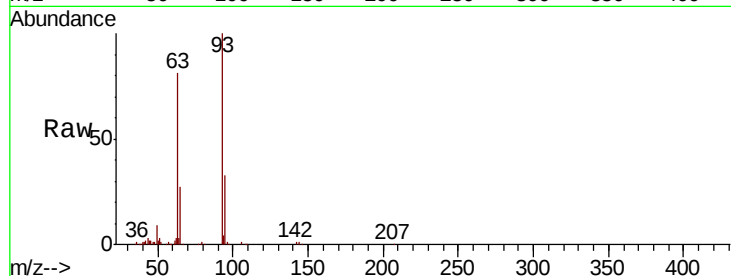




#11
bis(2-Chloroethyl)ether
Concen: 39.825 ng
RT: 7.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

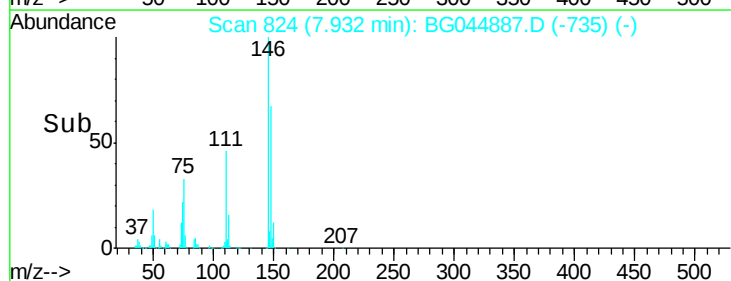
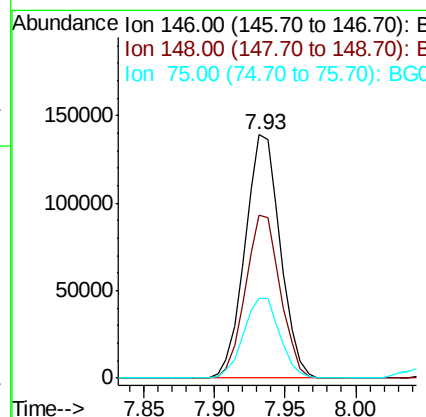
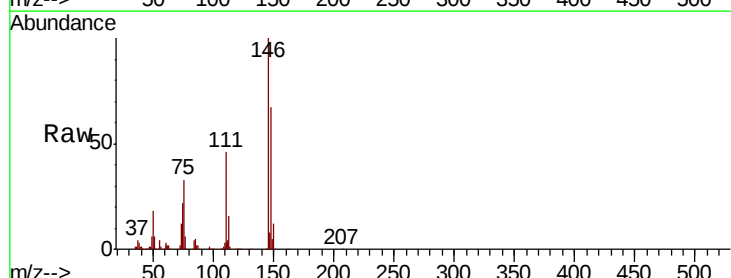
Instrument :
BNA_G
ClientSampleId :

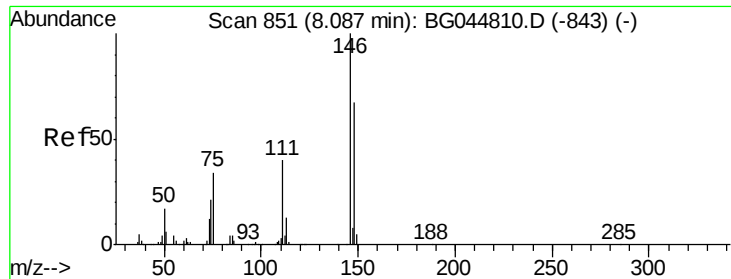
Tot Ion	Ratio	Lower	Upper
93	100		
63	80.8	59.7	99.7
95	32.8	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 40.952 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	54.2	81.4
75	32.8	28.6	42.8

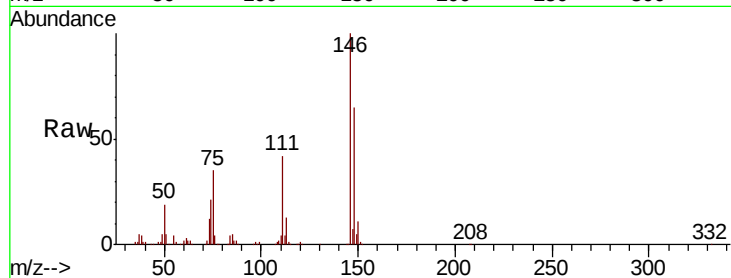




#13
 1,4-Dichlorobenzene
 Concen: 41.920 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	53.8	80.6
111	41.6	32.0	48.0

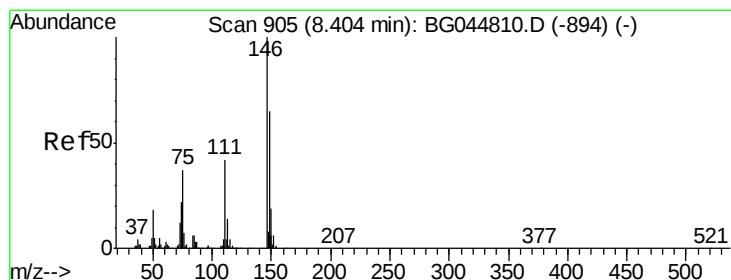
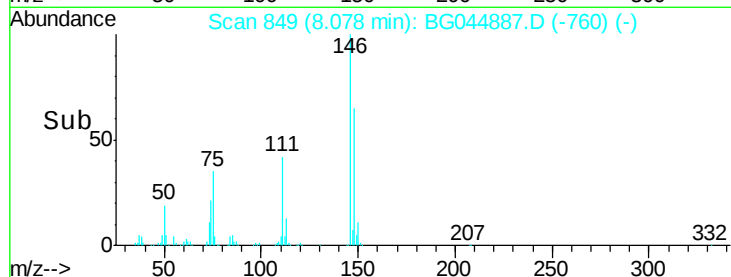
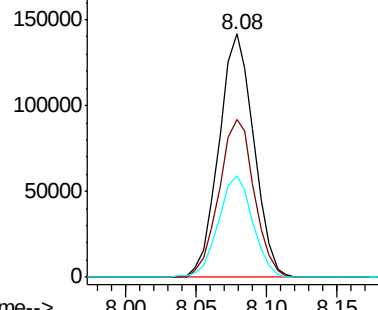


Abundance

Ion 146.00 (145.70 to 146.70): E

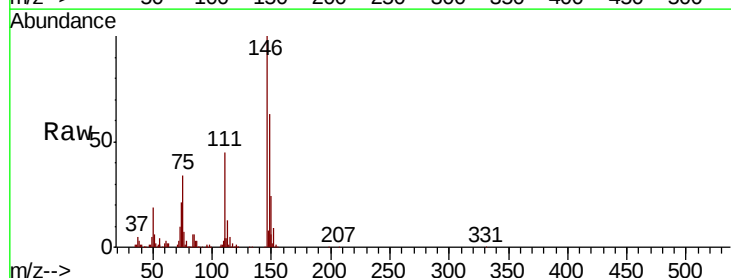
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.654 ng
 RT: 8.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.1	78.1
111	44.8	33.4	50.2

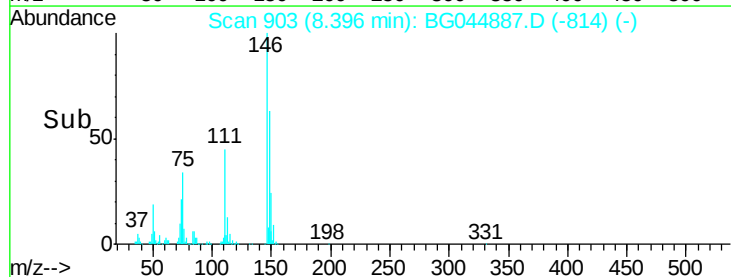
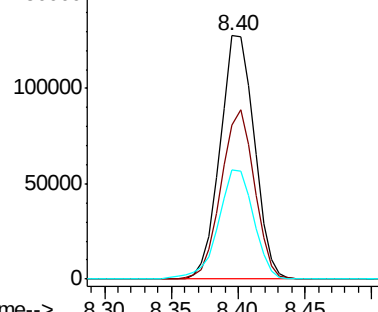


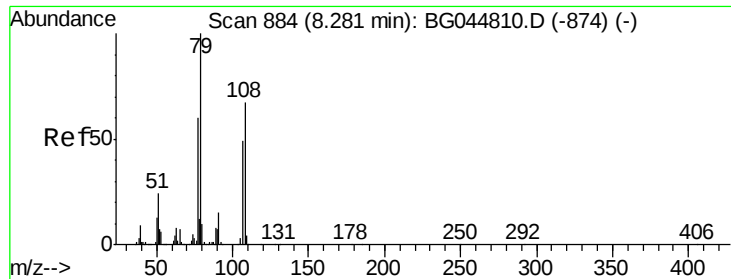
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.716 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

ClientSampleId :

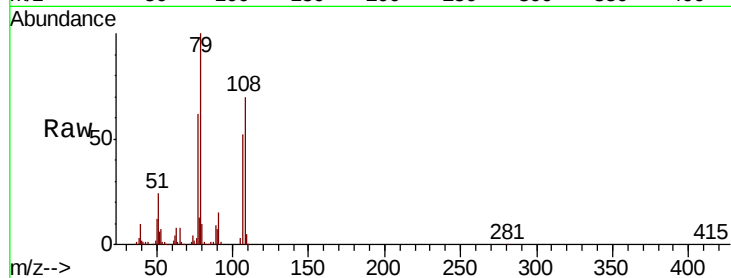
Tot Ion: 79 Resp: 234646

Ion Ratio Lower Upper

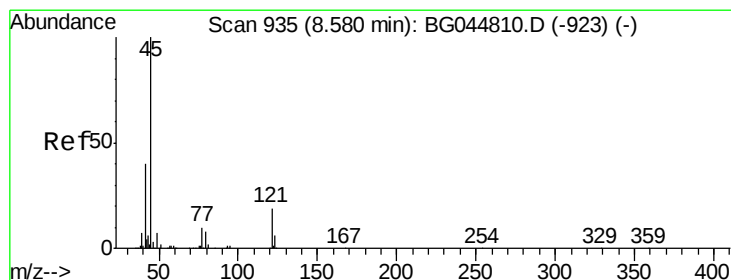
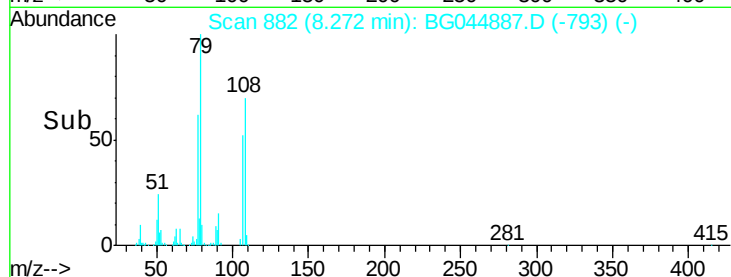
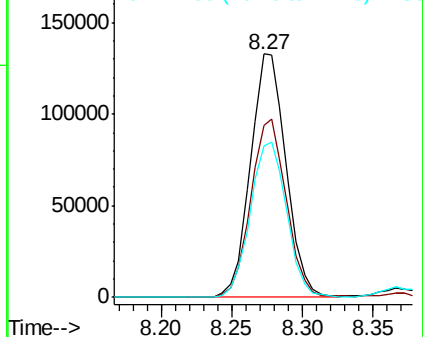
79 100

108 70.4 53.8 80.8

77 62.0 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: 33.636 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

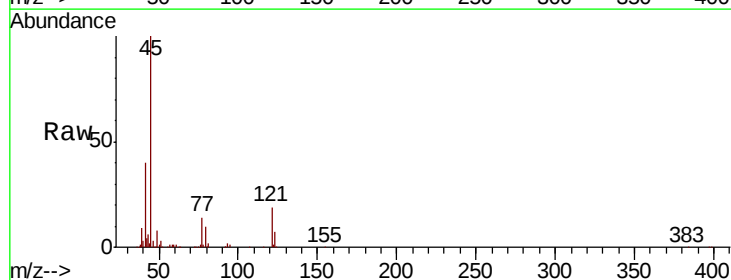
Tgt Ion: 45 Resp: 328794

Ion Ratio Lower Upper

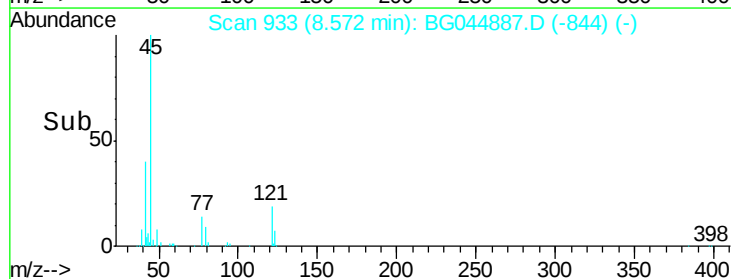
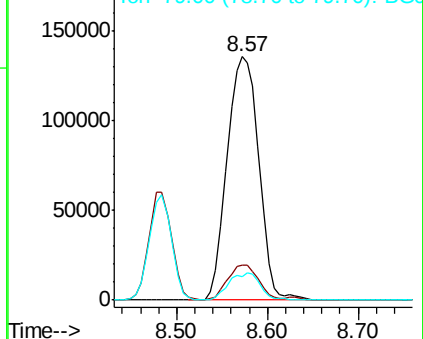
45 100

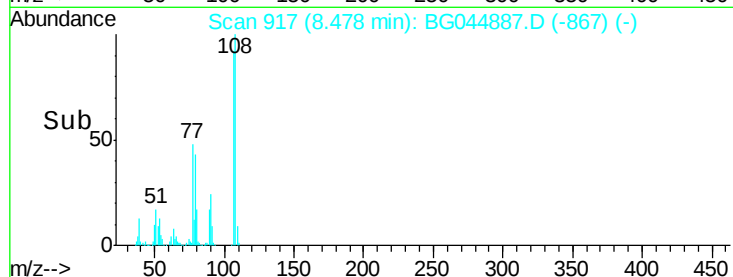
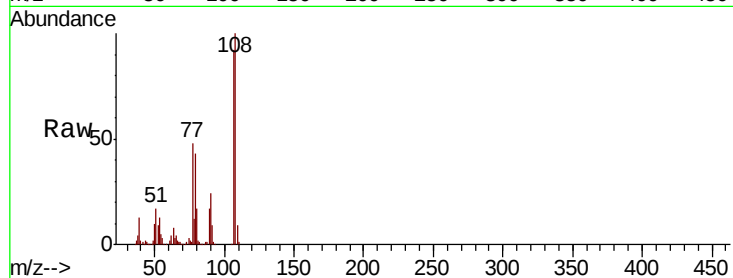
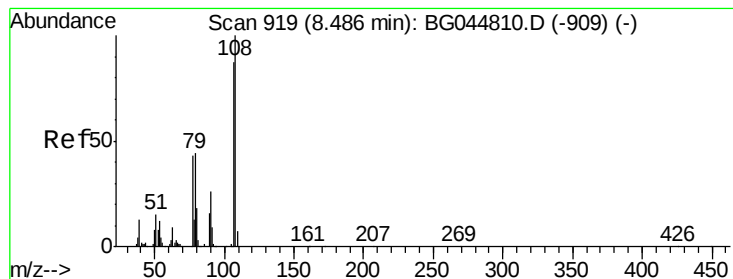
77 14.4 0.0 33.9

79 9.8 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: 43.460 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 204325

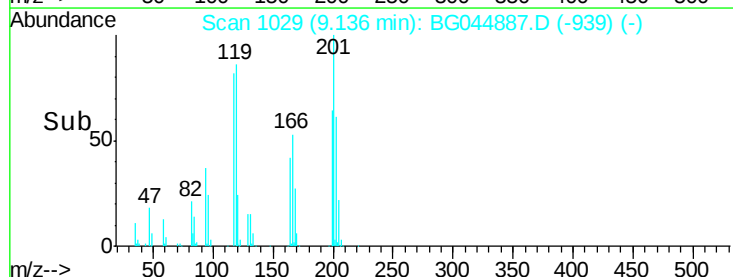
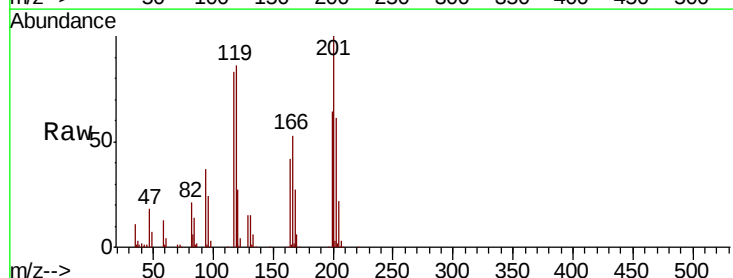
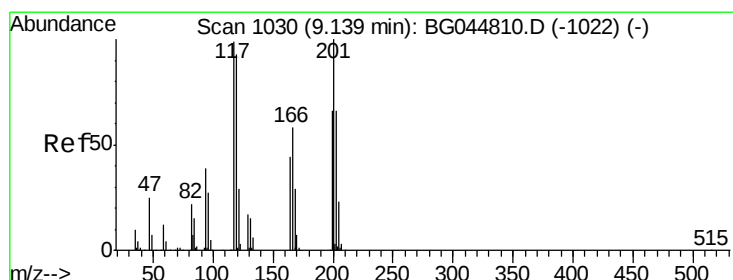
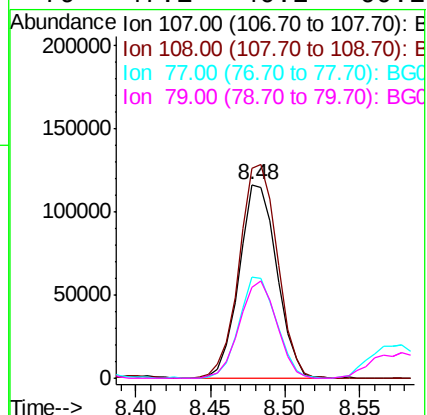
Ion Ratio Lower Upper

107 100

108 108.7 91.8 137.8

77 52.2 40.0 60.0

79 47.1 40.2 60.2



#18

Hexachloroethane

Concen: 39.841 ng

RT: 9.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

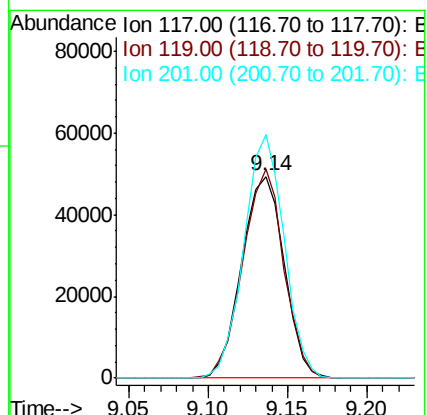
Tgt Ion:117 Resp: 92009

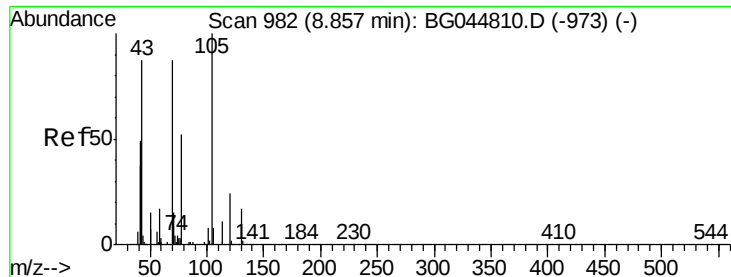
Ion Ratio Lower Upper

117 100

119 103.4 75.2 112.8

201 120.8 81.1 121.7

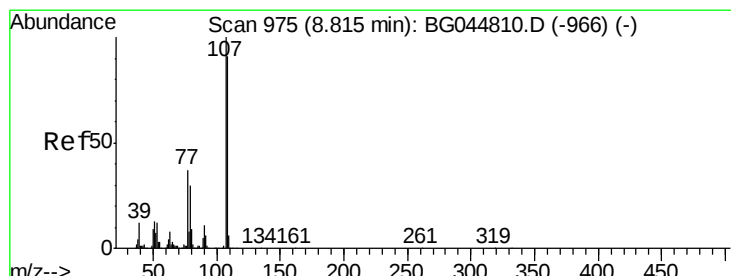
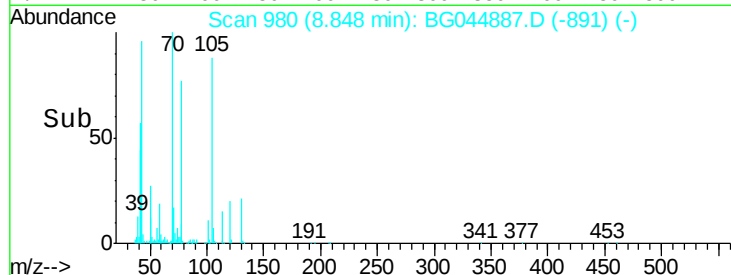
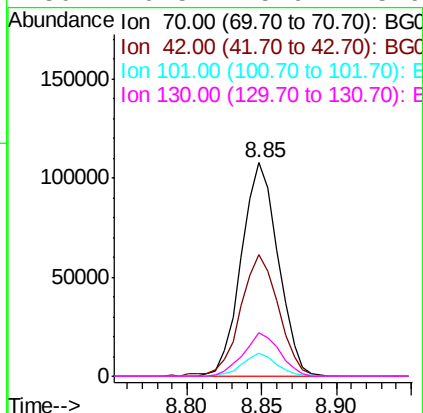
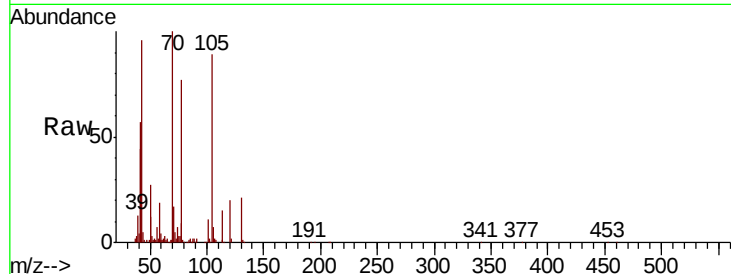




#19
n-Nitroso-di-n-propylamine
Concen: 37.108 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

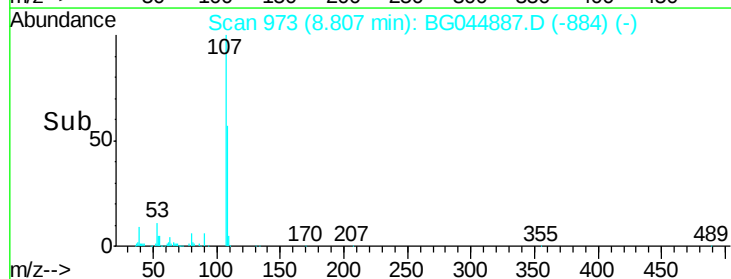
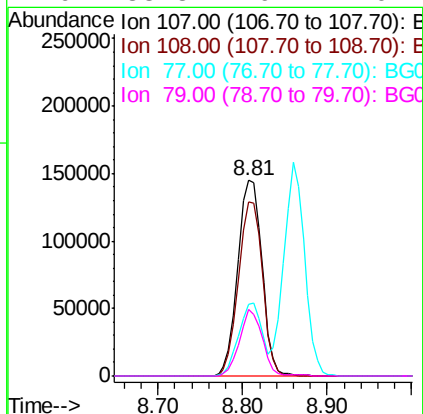
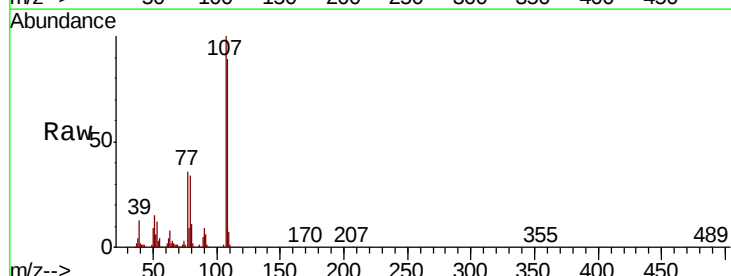
Instrument :
BNA_G
ClientSampleId :

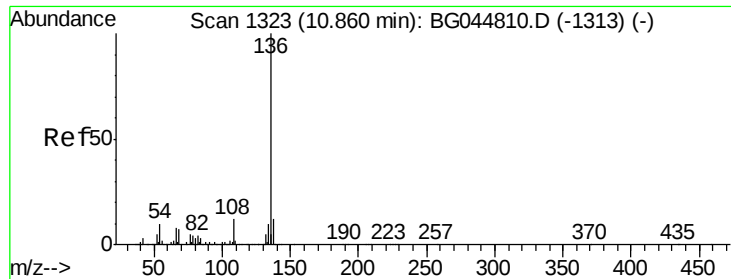
Tot Ion: 70 Resp: 183694
Ion Ratio Lower Upper
70 100
42 57.1 45.7 68.5
101 10.6 7.4 11.2
130 20.5 15.9 23.9



#20
3+4-Methylphenols
Concen: 44.363 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion:107 Resp: 287515
Ion Ratio Lower Upper
107 100
108 89.1 71.3 111.3
77 36.5 16.9 56.9
79 33.8 9.7 49.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 284775

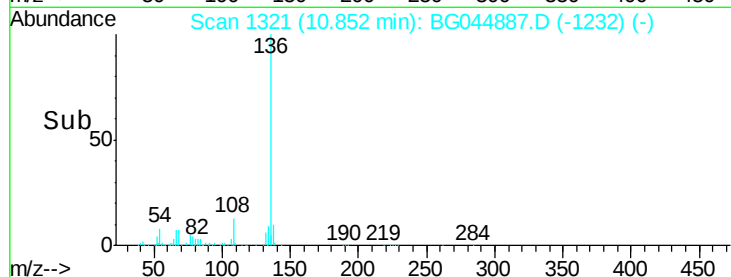
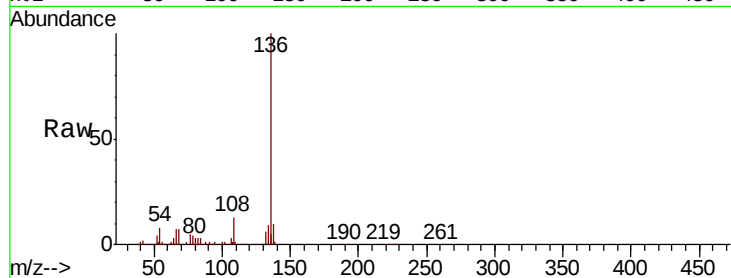
Ion Ratio Lower Upper

136 100

137 10.1 9.8 14.6

54 7.7 7.9 11.9#

68 6.6 5.4 8.0

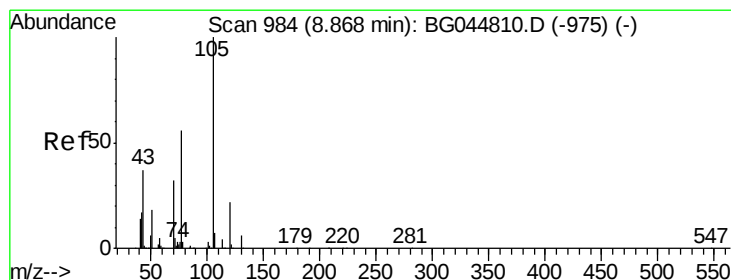
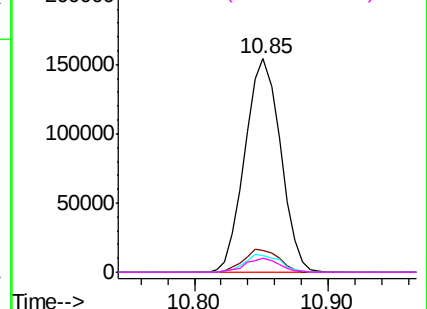


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.791 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Tgt Ion:105 Resp: 337153

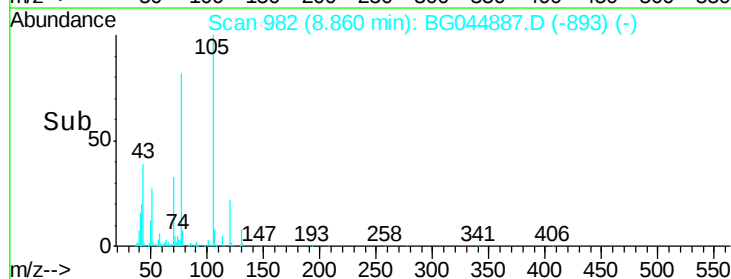
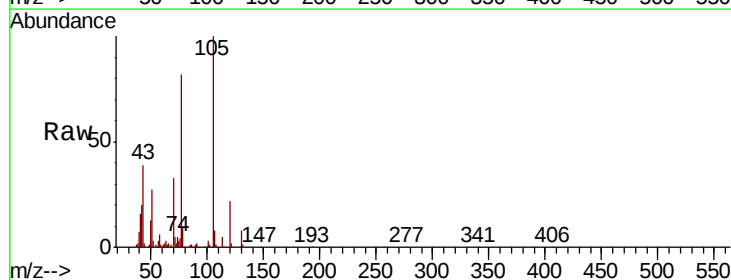
Ion Ratio Lower Upper

105 100

71 5.5 3.9 5.9

51 27.3 22.6 33.8

120 22.5 17.3 25.9

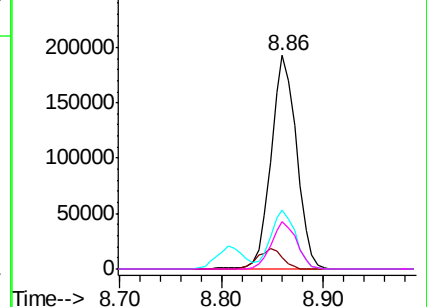


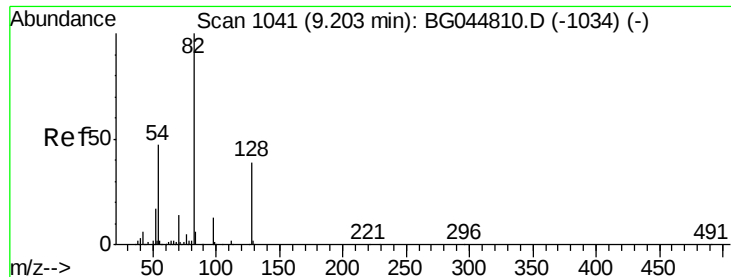
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

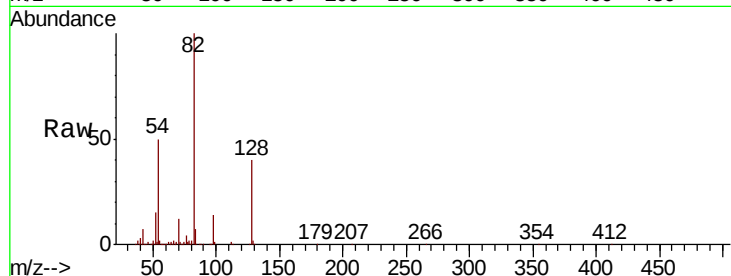




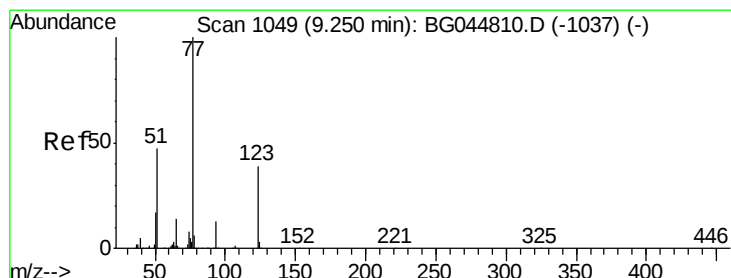
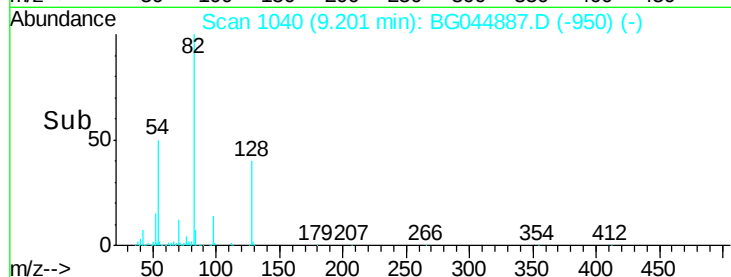
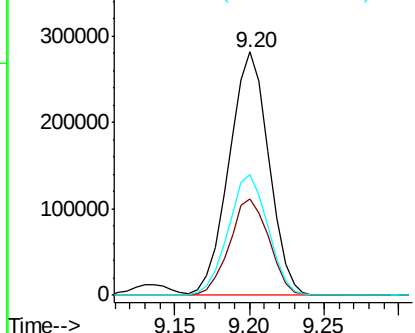
#23
 Nitrobenzene-d5
 Concen: 80.210 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	520538
Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.6	46.0
54	49.6	37.1	55.7

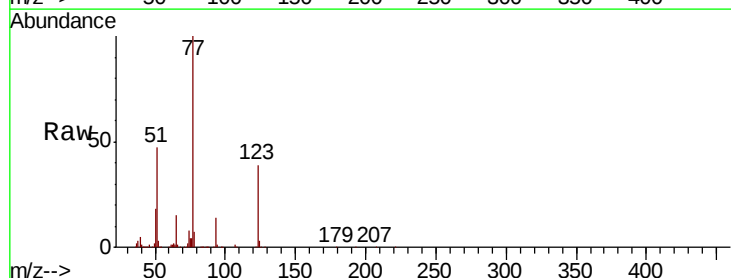


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

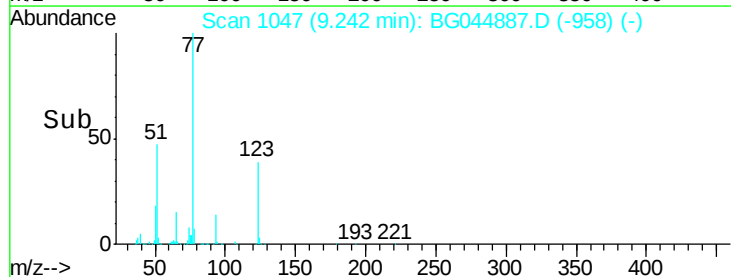
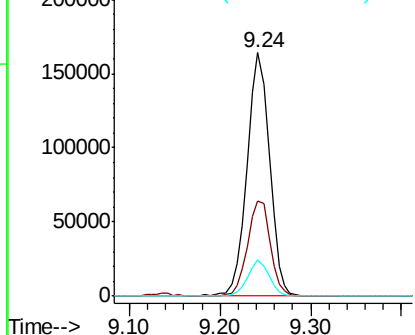


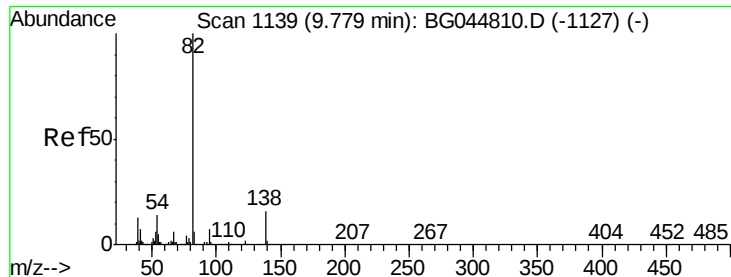
#24
 Nitrobenzene
 Concen: 42.042 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Tgt Ion	77	Resp	283103
Ion	Ratio	Lower	Upper
77	100		
123	39.1	31.3	46.9
65	14.7	11.4	17.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 40.715 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

ClientSampleId :

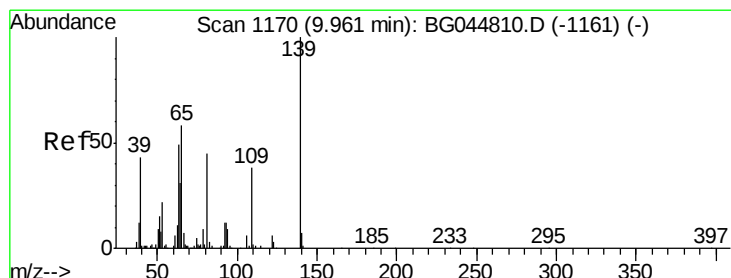
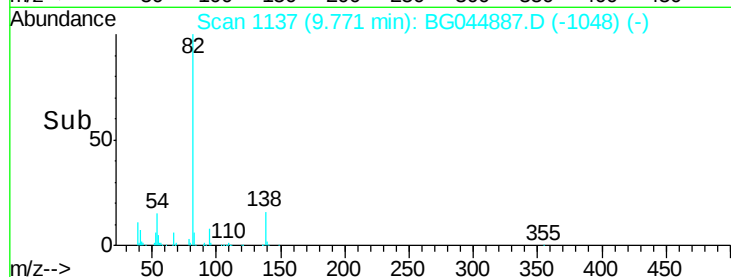
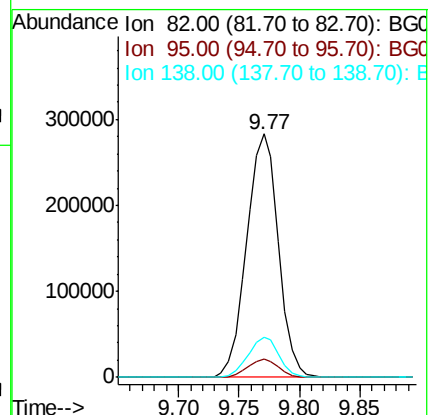
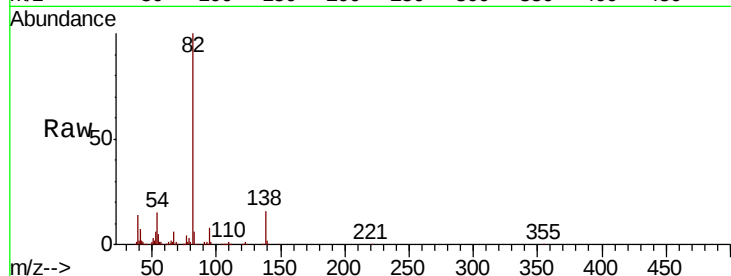
Tot Ion: 82 Resp: 515692

Ion Ratio Lower Upper

82 100

95 7.5 5.5 8.3

138 16.4 12.5 18.7



#26

2-Nitrophenol

Concen: 51.932 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

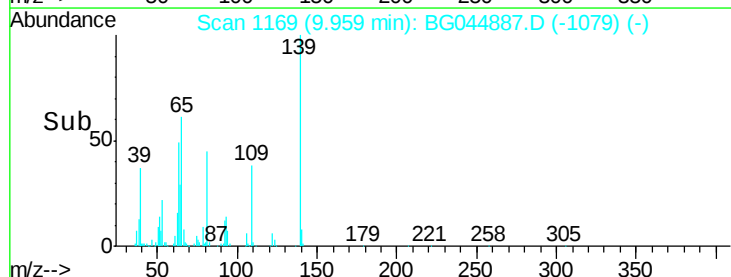
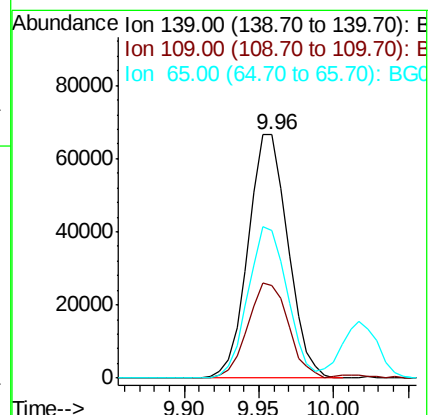
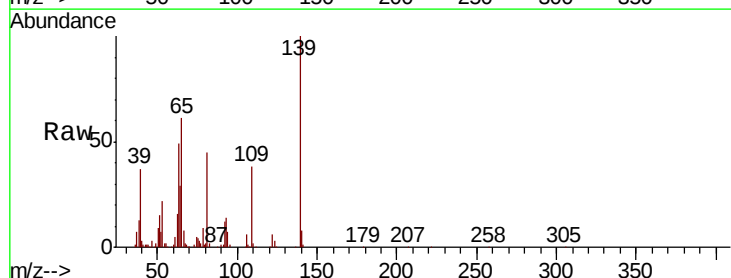
Tgt Ion: 139 Resp: 122597

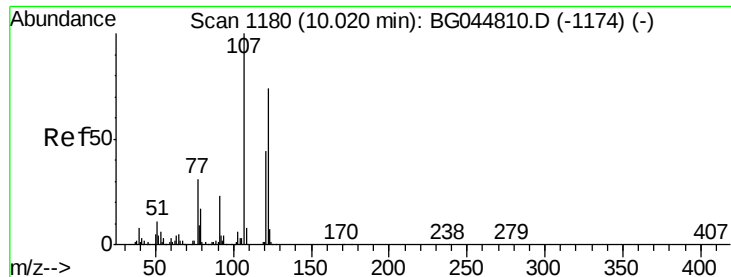
Ion Ratio Lower Upper

139 100

109 37.9 30.2 45.4

65 60.9 46.3 69.5

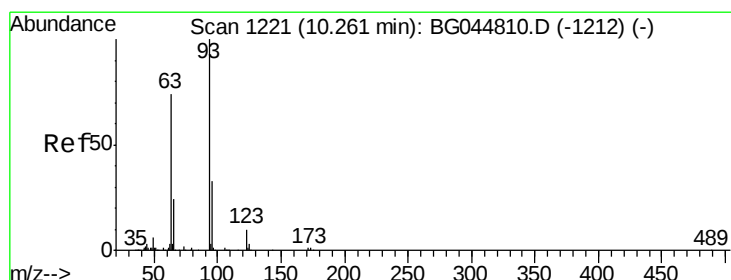
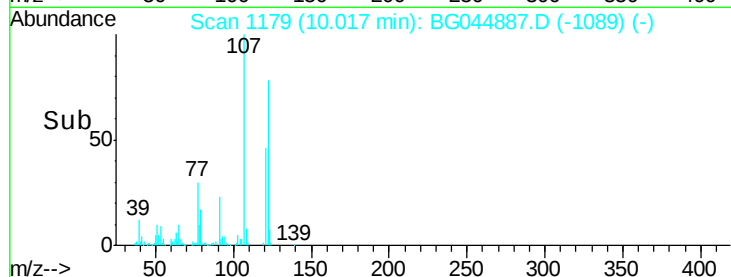
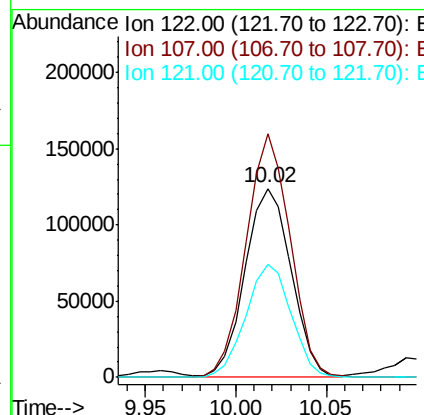
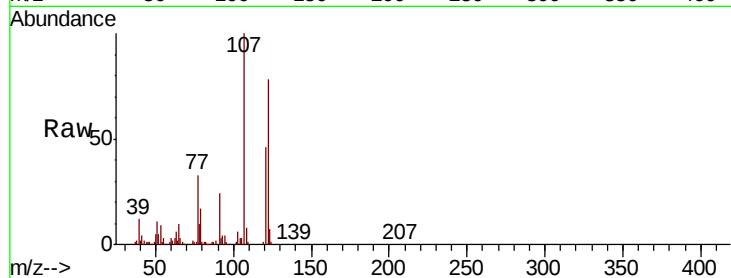




#27
 2,4-Dimethylphenol
 Concen: 52.764 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

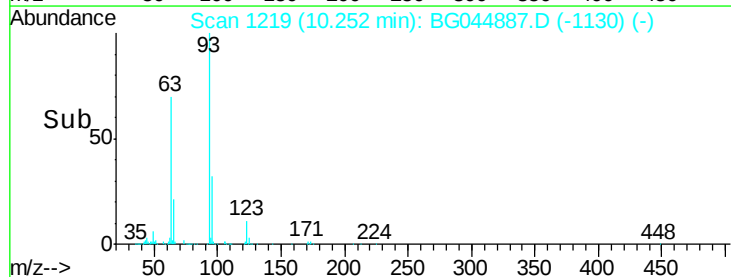
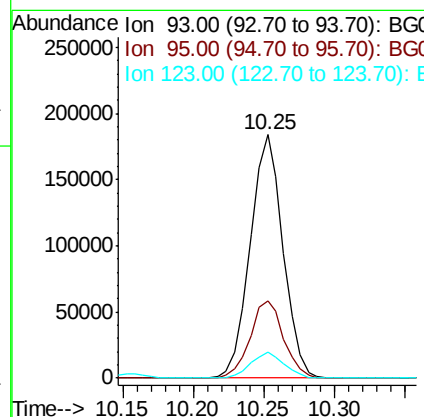
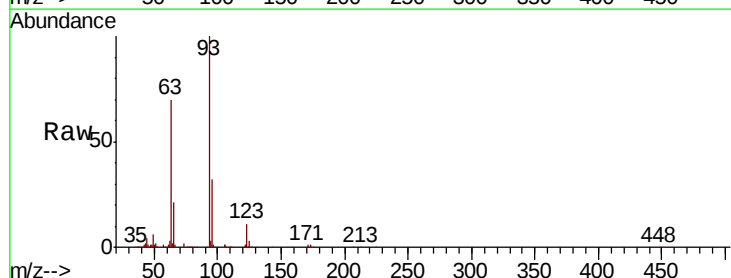
Instrument :
 BNA_G
 ClientSampleId :

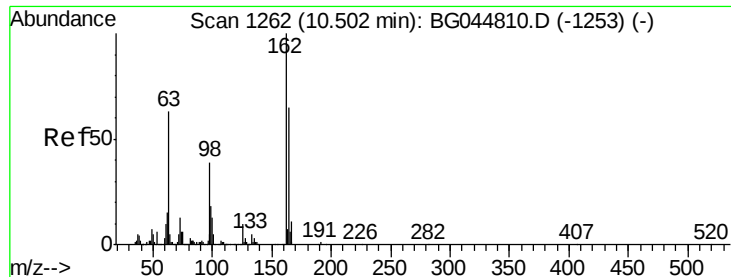
Tot Ion:122 Resp: 217634
 Ion Ratio Lower Upper
 122 100
 107 128.8 107.1 160.7
 121 59.6 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.615 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Tgt Ion: 93 Resp: 299444
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.4 39.6
 123 10.8 8.4 12.6

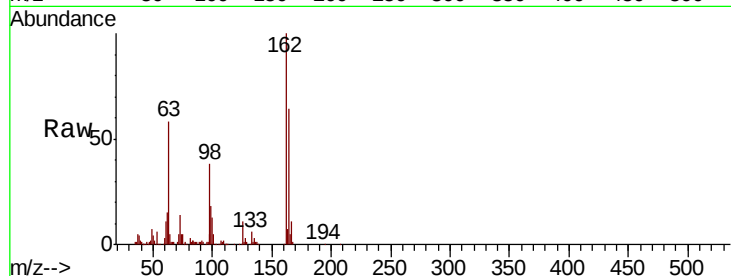




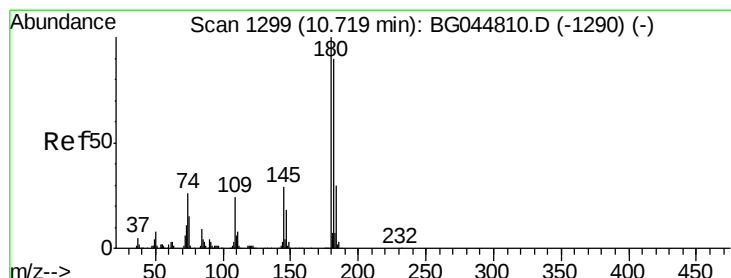
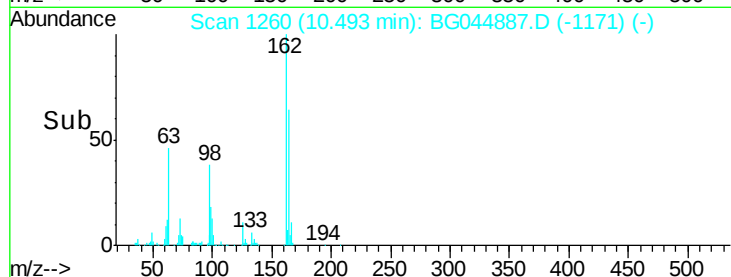
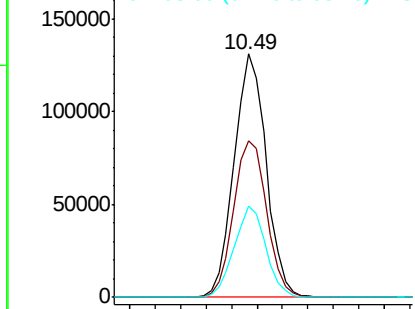
#29
 2,4-Dichlorophenol
 Concen: 47.758 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	45.2	85.2
98	37.6	19.0	59.0

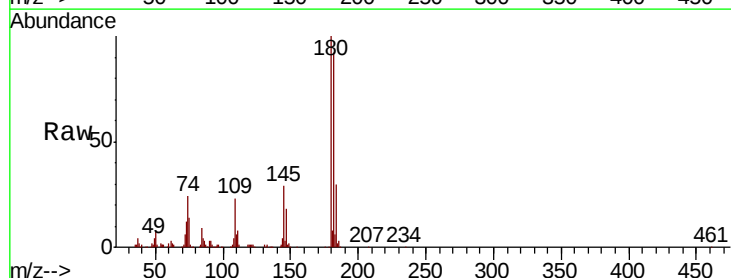


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

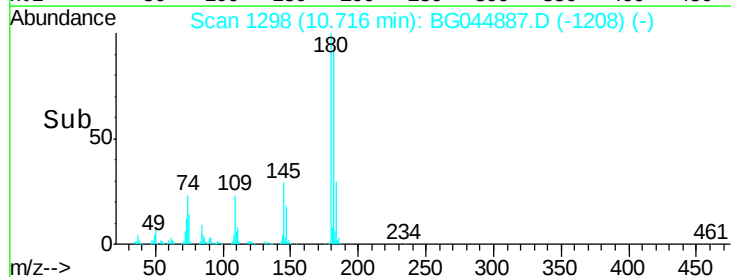
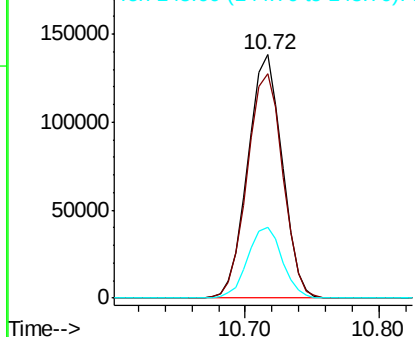


#30
 1,2,4-Trichlorobenzene
 Concen: 42.776 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	71.6	107.4
145	28.9	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

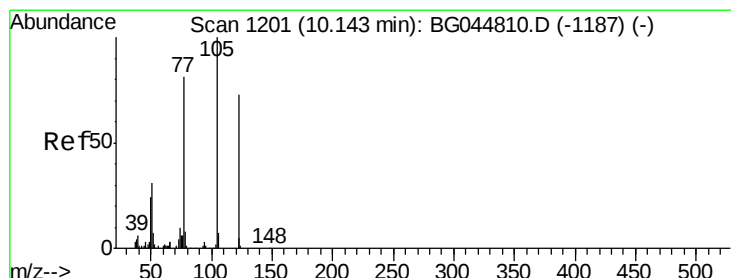
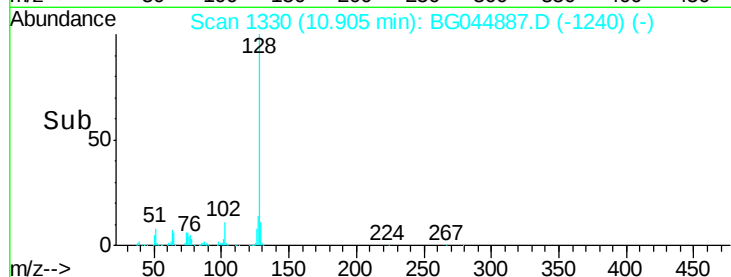
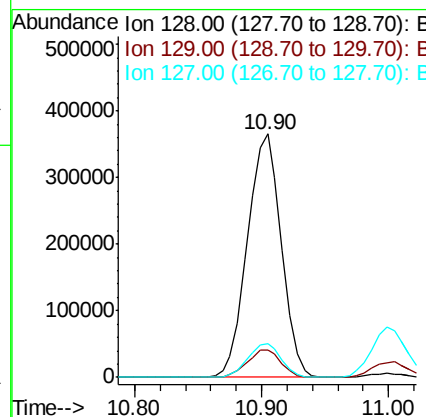
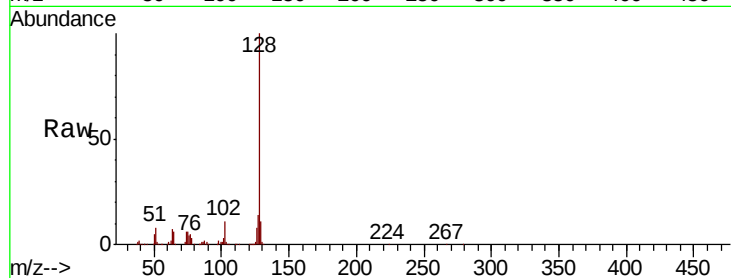




#31
Naphthalene
Concen: 42.871 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

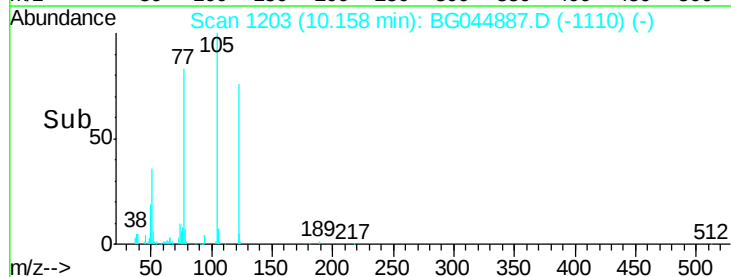
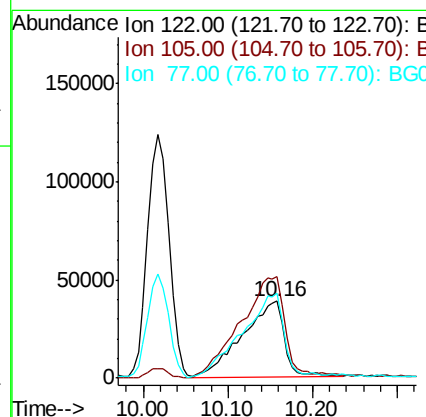
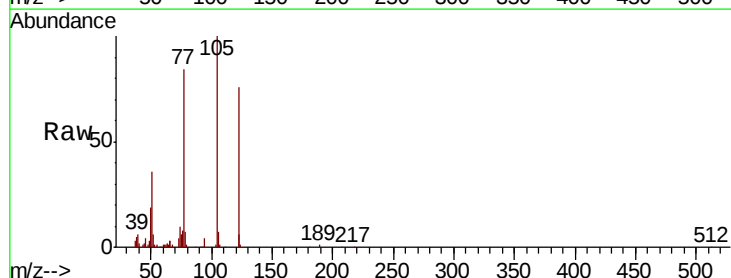
Instrument :
BNA_G
ClientSampleId :

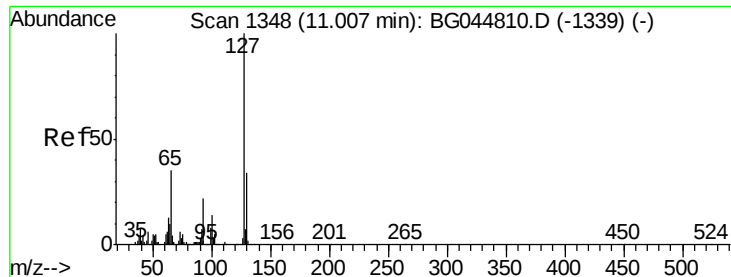
Tot Ion:128 Resp: 676302
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 42.971 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion:122 Resp: 134000
Ion Ratio Lower Upper
122 100
105 131.8 109.1 149.1
77 110.1 85.3 125.3

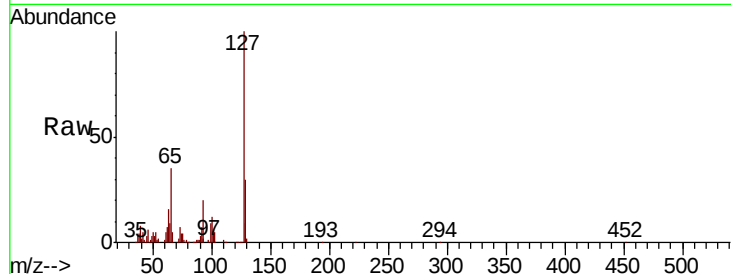




#33
4-Chloroaniline
Concen: 20.057 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	142550
Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.9	40.3
65	35.0	27.7	41.5
92	20.0	17.4	26.2



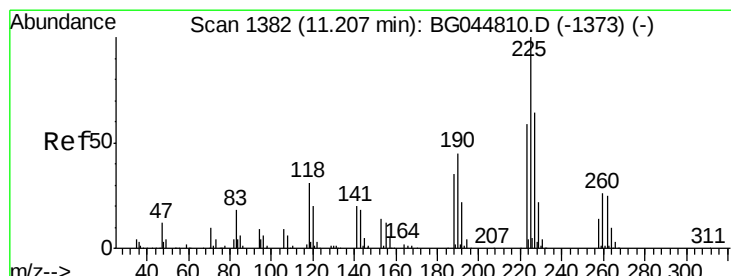
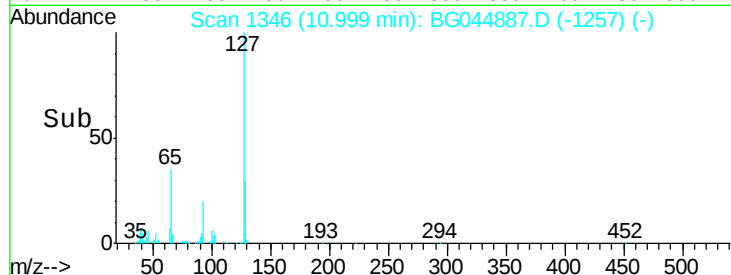
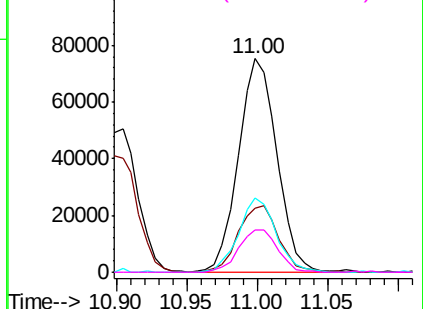
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

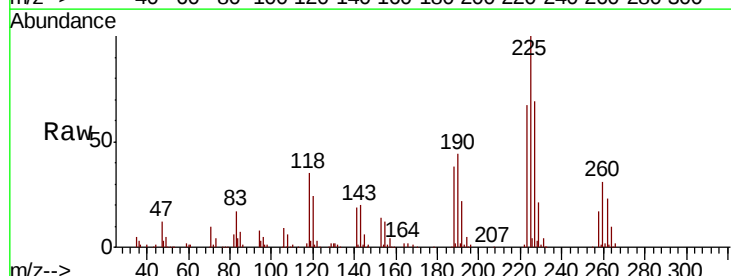
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 42.701 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion:	225	Resp:	161763
Ion	Ratio	Lower	Upper
225	100		
223	66.7	47.4	71.0
227	69.3	50.8	76.2

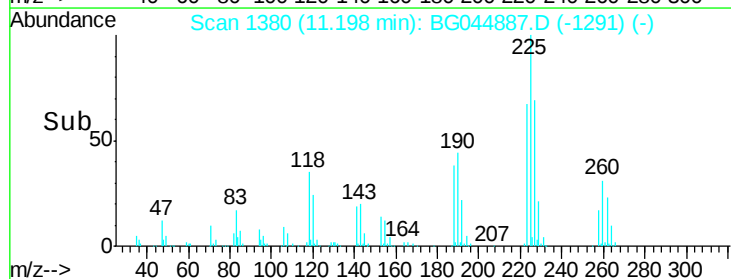
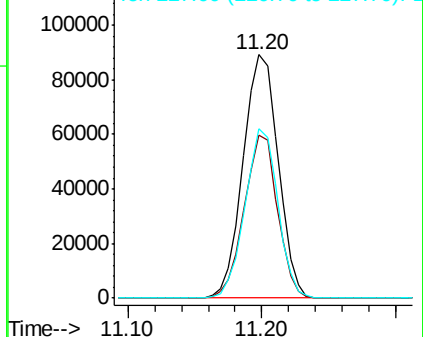


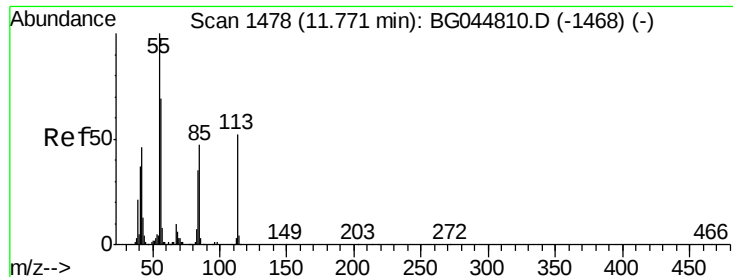
Abundance

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: 22.486 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

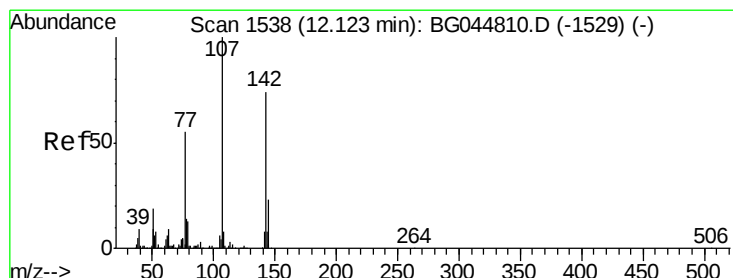
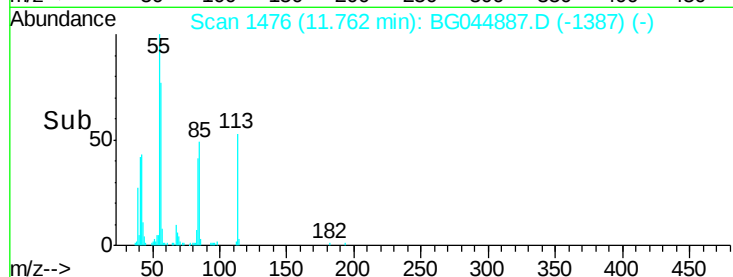
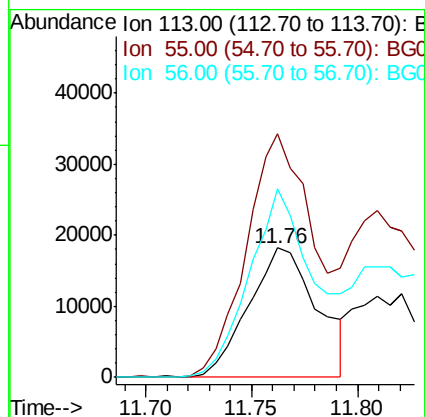
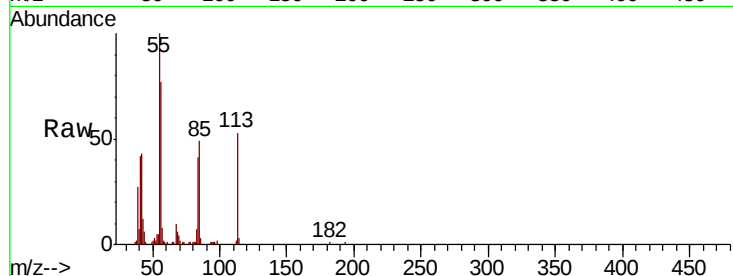
Instrument :

BNA_G

ClientSampleId :

Tot Ion:113 Resp: 41015

Ion	Ratio	Lower	Upper
113	100		
55	187.9	173.8	213.8
56	145.5	113.8	153.8



#36

4-Chloro-3-methylphenol

Concen: 45.481 ng

RT: 12.12 min Scan# 1537

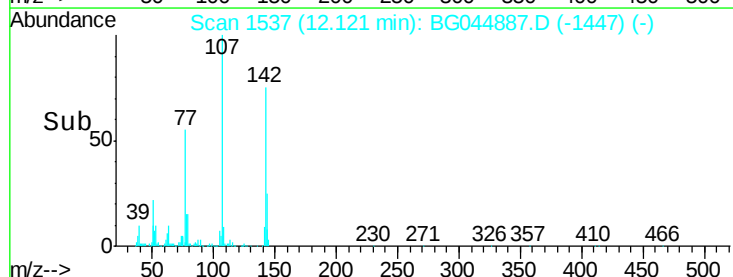
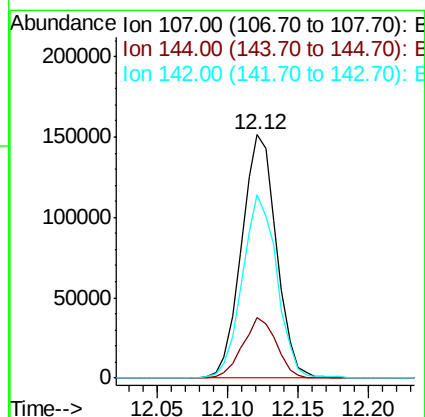
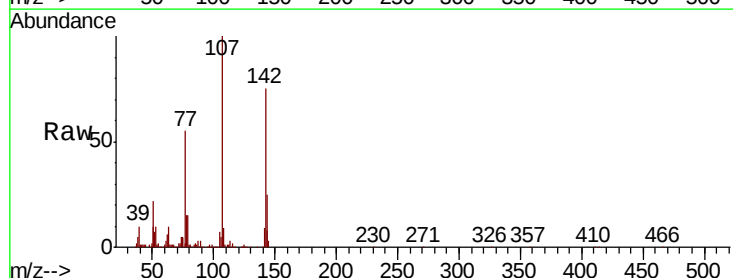
Delta R.T. -0.00 min

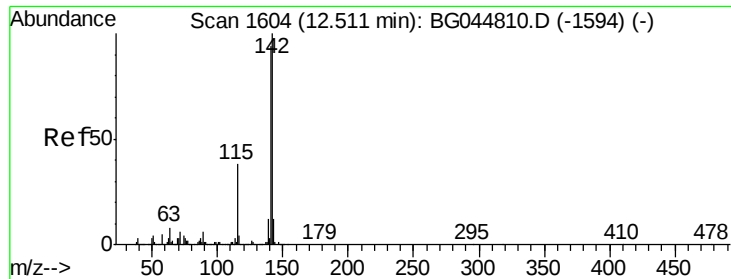
Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Tgt Ion:107 Resp: 261327

Ion	Ratio	Lower	Upper
107	100		
144	24.9	18.0	27.0
142	75.5	59.0	88.4

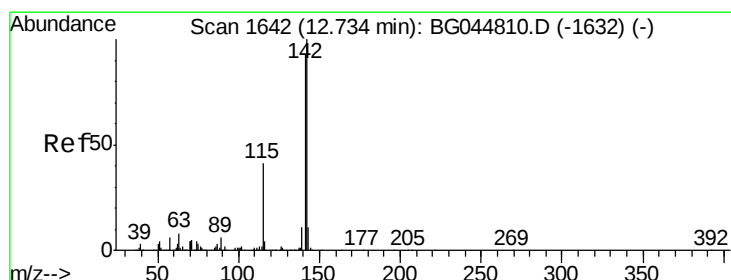
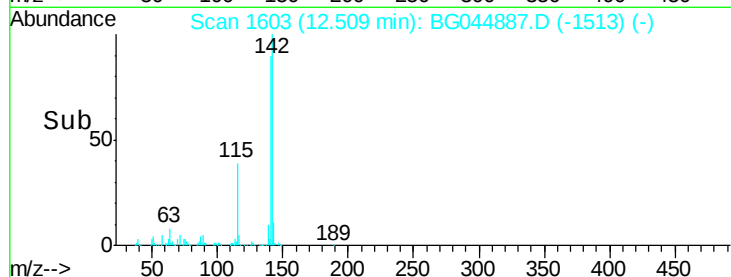
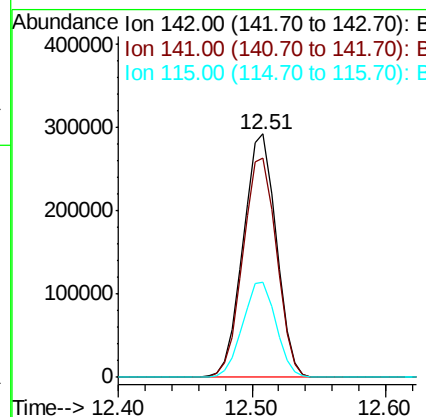
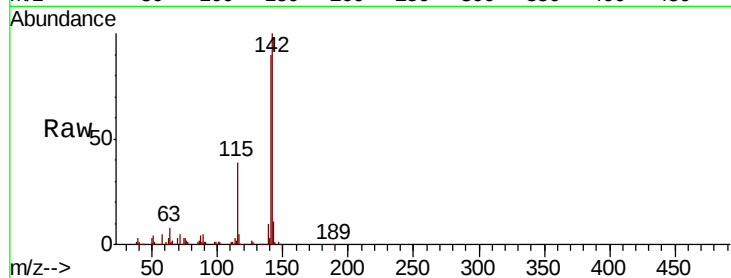




#37
 2-Methylnaphthalene
 Concen: 42.467 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

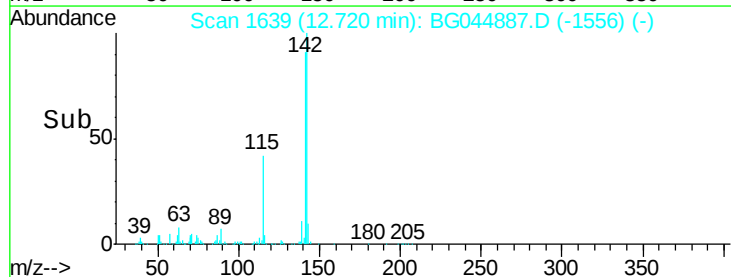
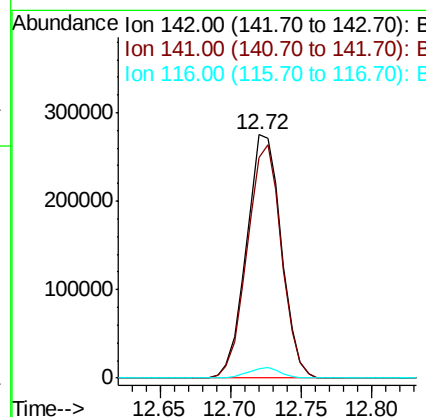
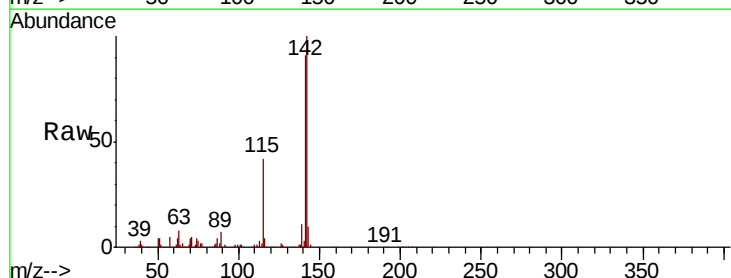
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	75.1	112.7
115	39.1	30.6	46.0



#38
 1-Methylnaphthalene
 Concen: 42.922 ng
 RT: 12.72 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.7	112.1
116	3.9	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

ClientSampleId :

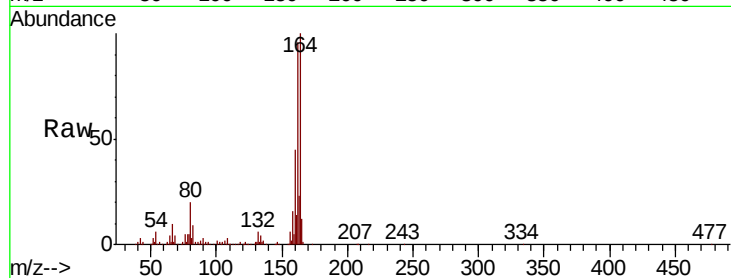
Tot Ion:164 Resp: 187814

Ion Ratio Lower Upper

164 100

162 96.2 76.7 115.1

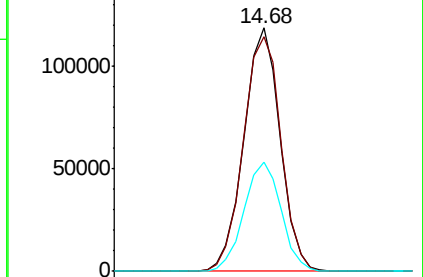
160 45.1 35.0 52.4



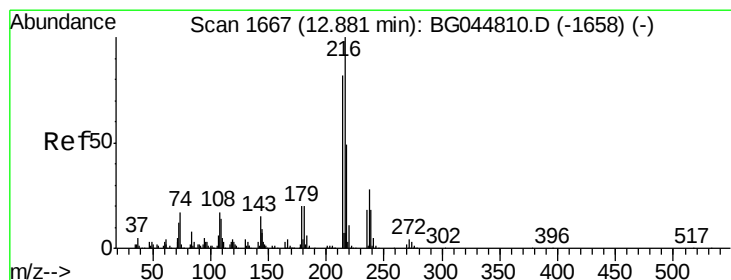
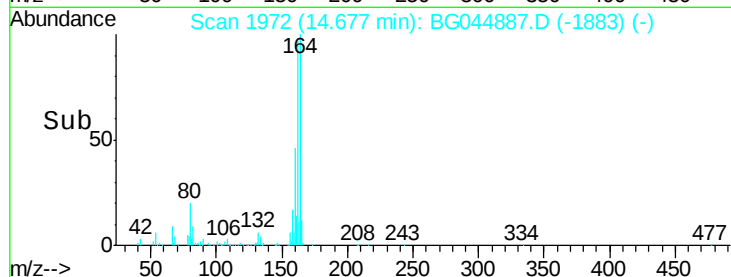
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.033 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Tgt Ion:216 Resp: 272359

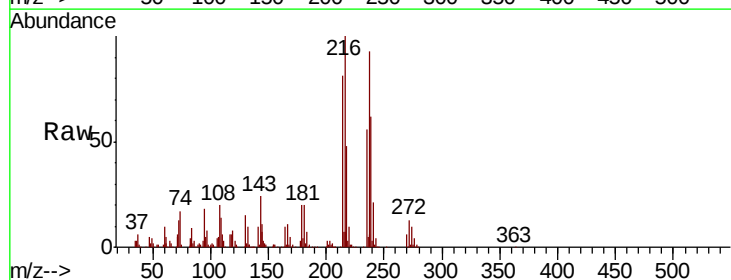
Ion Ratio Lower Upper

216 100

214 78.4 63.8 95.6

179 19.6 16.2 24.2

108 20.1 14.6 22.0

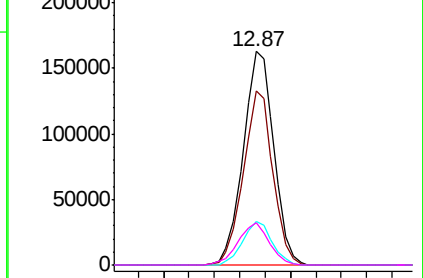


Abundance Ion 216.00 (215.70 to 216.70): E

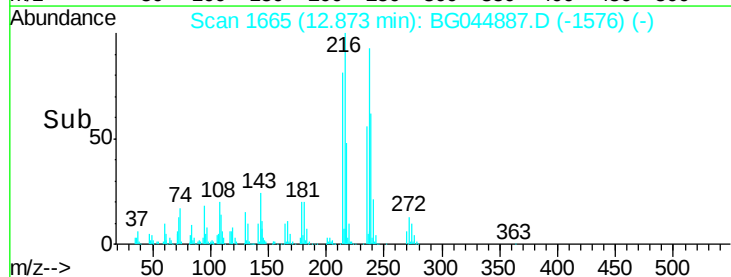
Ion 214.00 (213.70 to 214.70): E

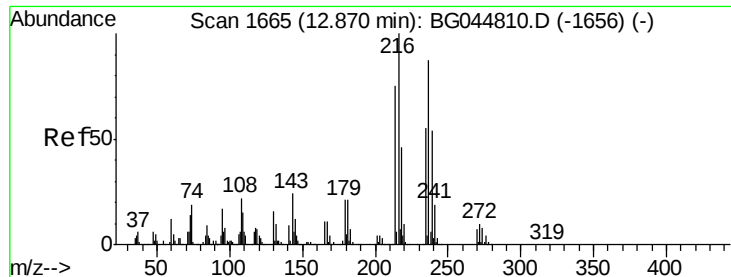
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->





#41

Hexachlorocyclopentadiene

Concen: 116.453 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

ClientSampleId :

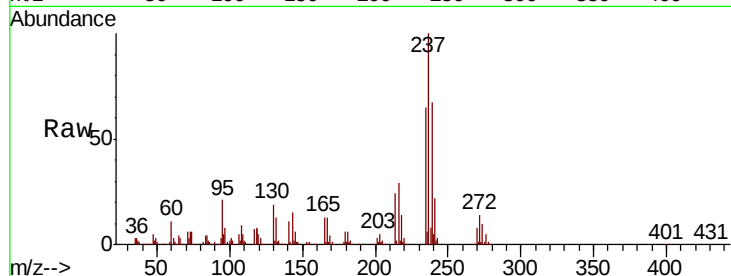
Tot Ion:237 Resp: 393644

Ion Ratio Lower Upper

237 100

235 65.5 42.9 82.9

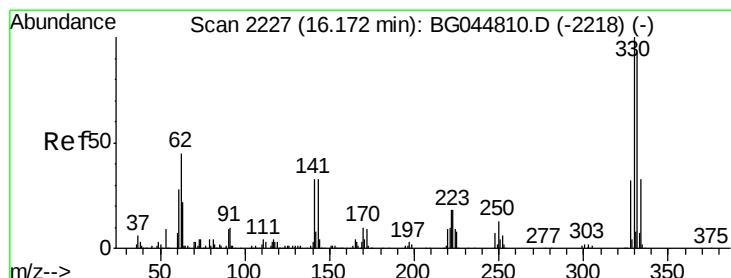
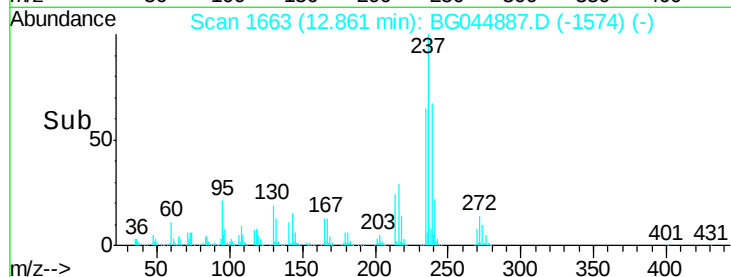
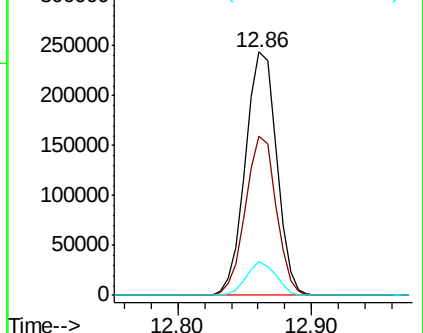
272 13.8 0.0 31.6



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: 146.203 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

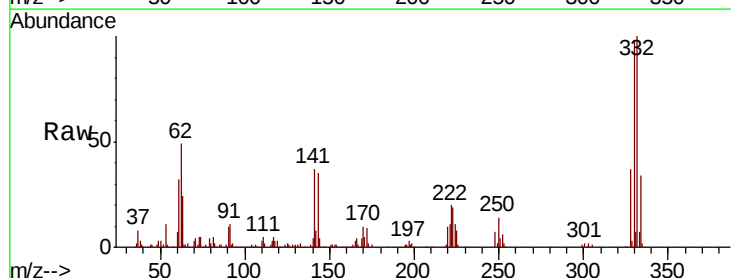
Tgt Ion:330 Resp: 359532

Ion Ratio Lower Upper

330 100

332 98.6 77.8 116.6

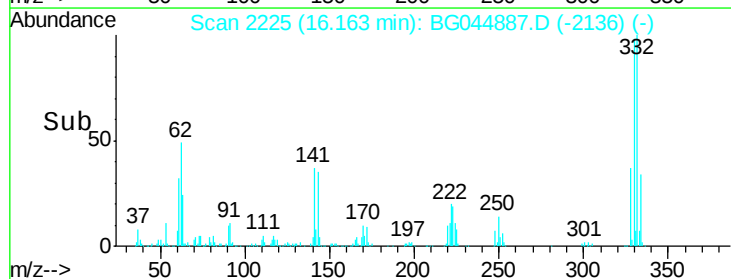
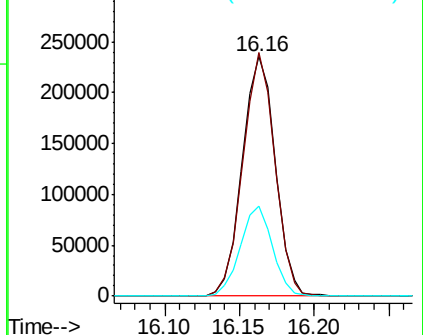
141 36.8 29.5 44.3



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

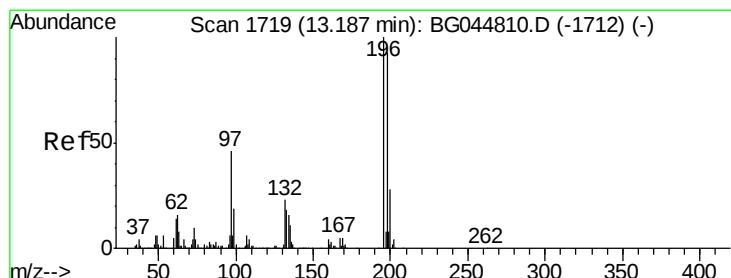
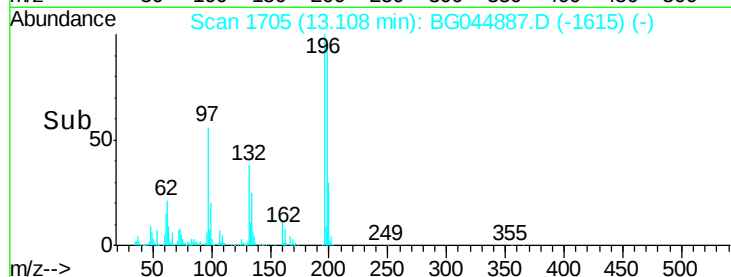
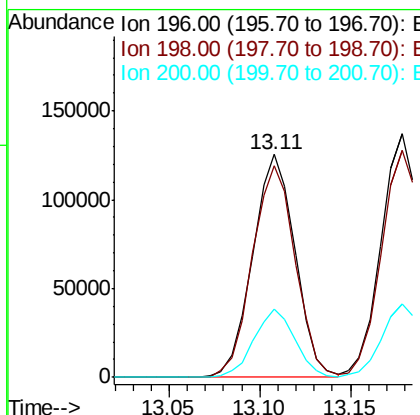
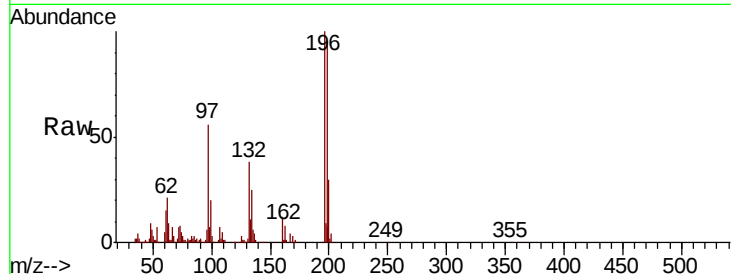




#43
 2,4,6-Trichlorophenol
 Concen: 49.541 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

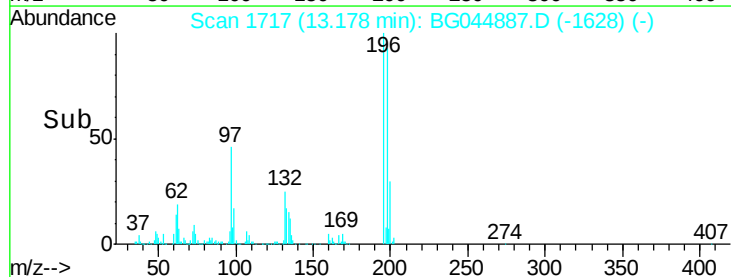
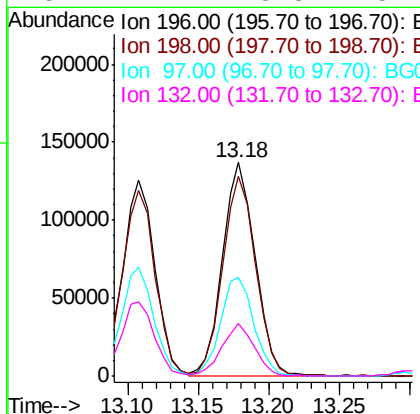
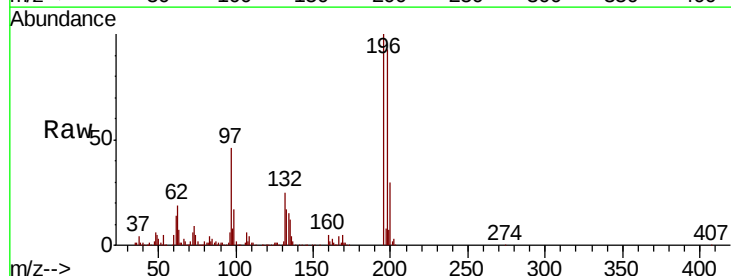
Instrument :
 BNA_G
 ClientSampleId :

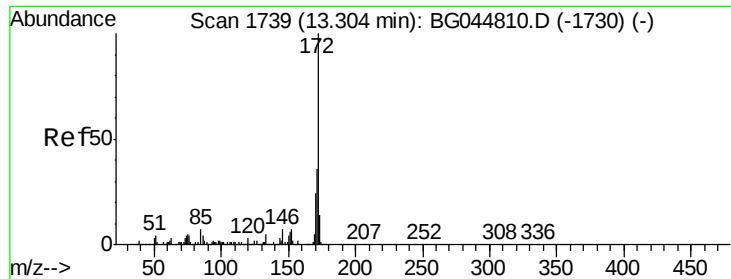
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.8	74.9	112.3
200	30.3	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 51.553 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	74.2	111.4
97	46.3	36.7	55.1
132	24.7	18.8	28.2

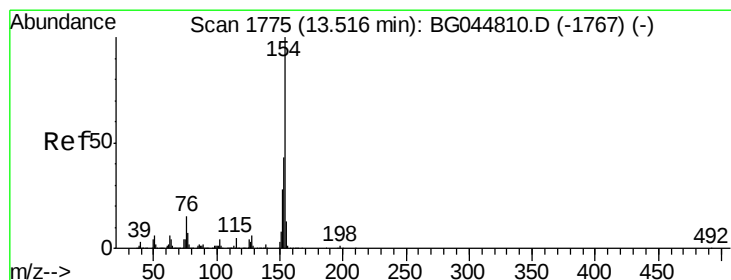
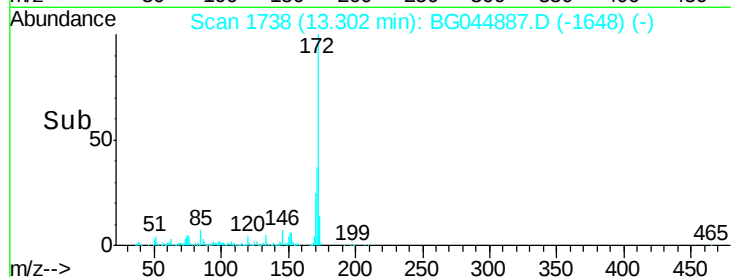
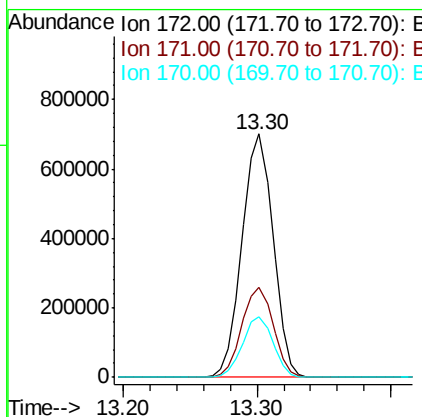
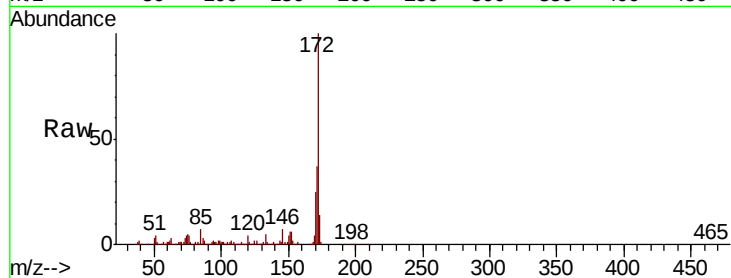




#45
2-Fluorobiphenyl
Concen: 85.912 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

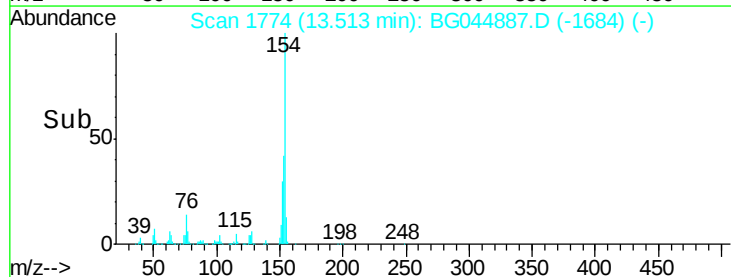
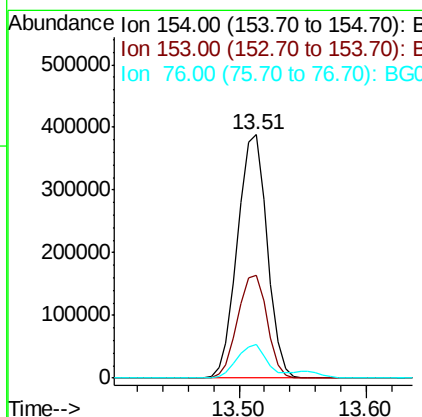
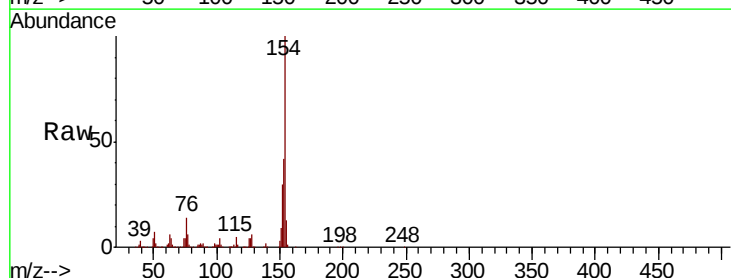
Instrument :
BNA_G
ClientSampleId :

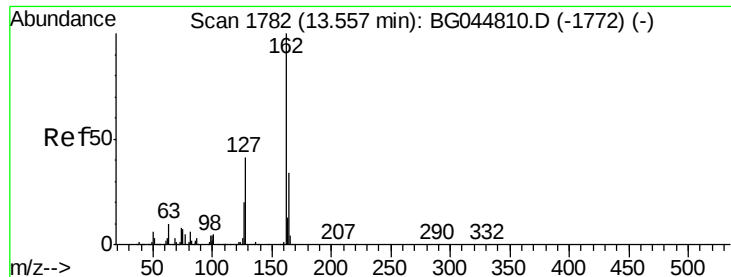
Tot Ion:172 Resp: 1126755
Ion Ratio Lower Upper
172 100
171 37.1 28.7 43.1
170 25.0 19.0 28.6



#46
1,1'-Biphenyl
Concen: 41.981 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion:154 Resp: 630084
Ion Ratio Lower Upper
154 100
153 42.1 22.9 62.9
76 13.8 0.0 34.6

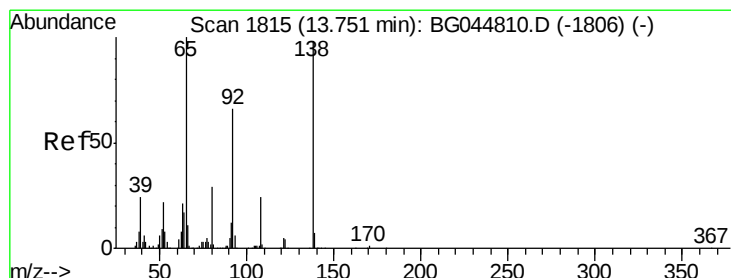
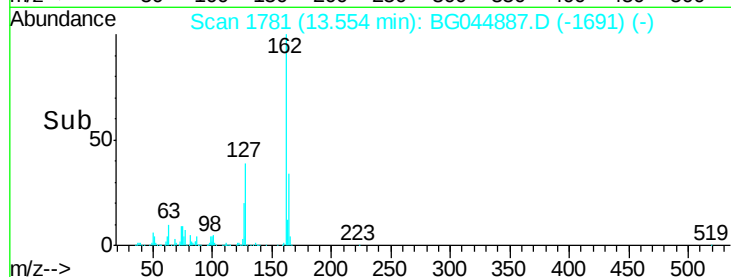
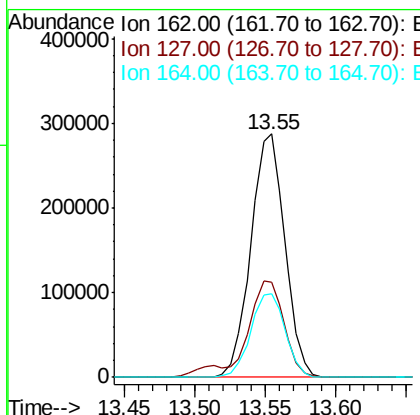
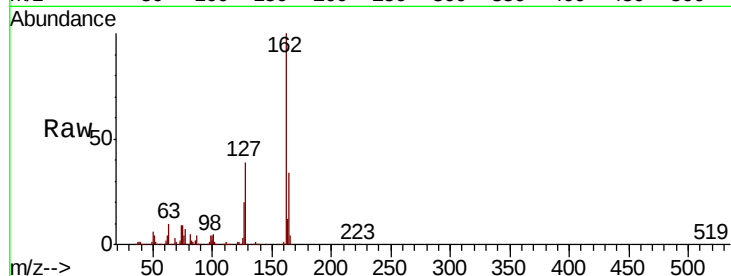




#47
 2-Chloronaphthalene
 Concen: 42.418 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

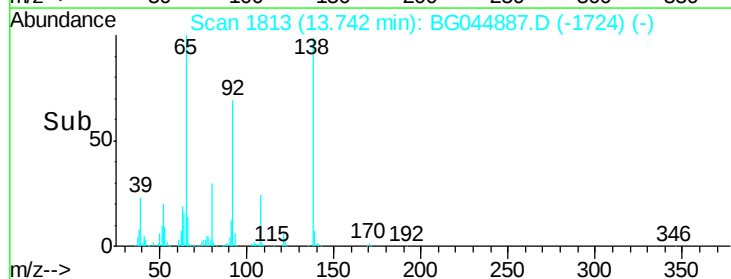
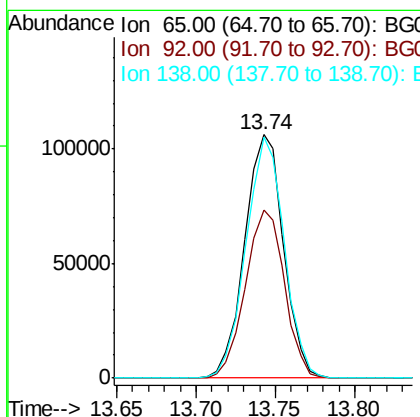
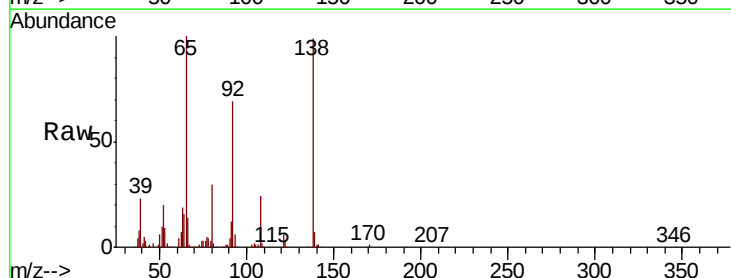
Instrument :
 BNA_G
 ClientSampleId :

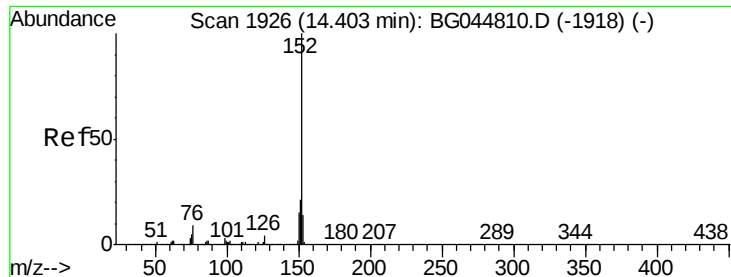
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	33.1	49.7
164	34.1	27.4	41.2



#48
 2-Nitroaniline
 Concen: 45.094 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	52.6	79.0
138	99.0	78.3	117.5





#49

Acenaphthylene

Concen: 46.096 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

ClientSampleId :

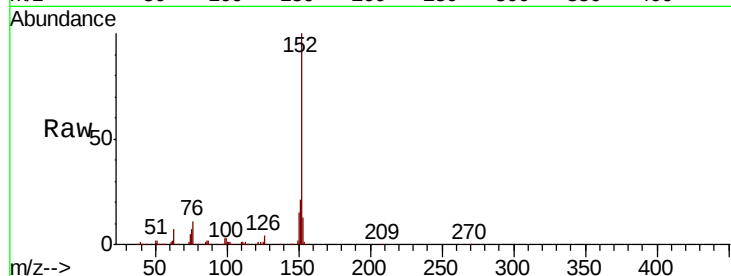
Tot Ion:152 Resp: 827982

Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

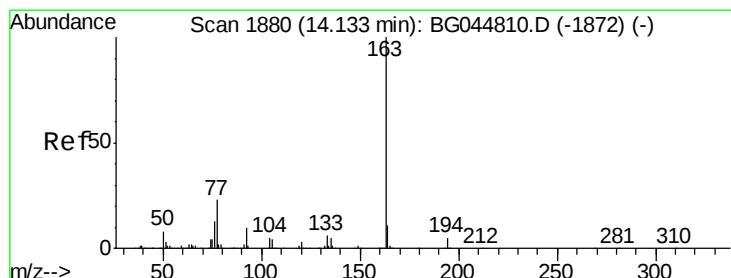
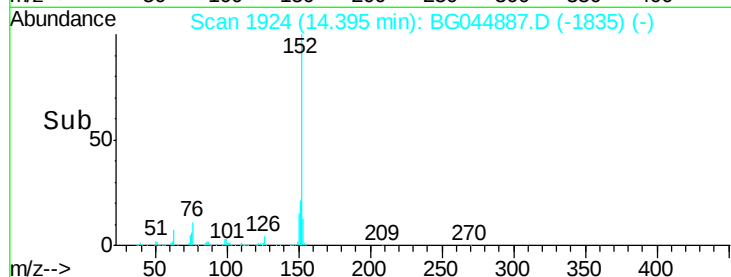
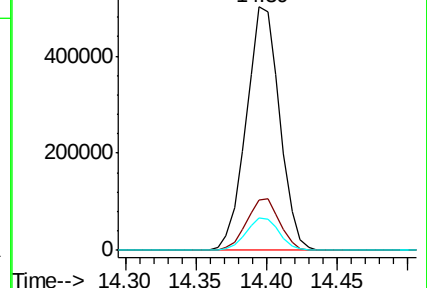
153 13.5 10.8 16.2



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: 44.787 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

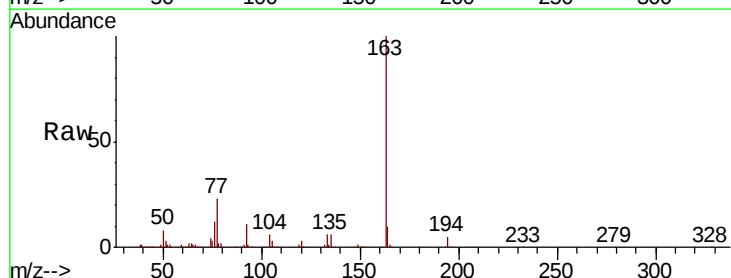
Tgt Ion:163 Resp: 669945

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

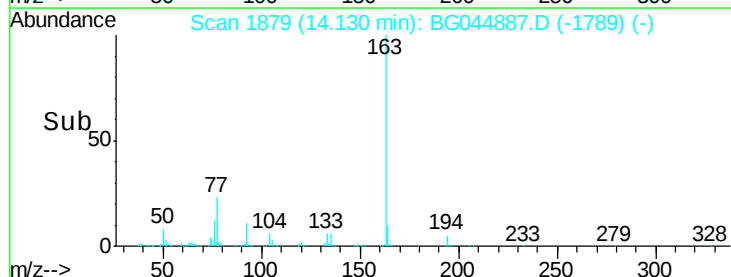
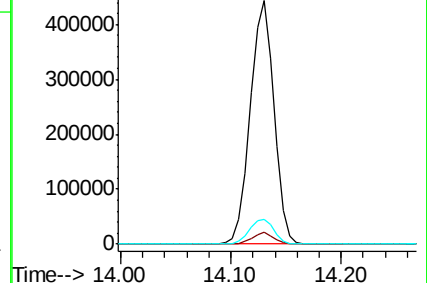
164 10.4 9.1 13.7

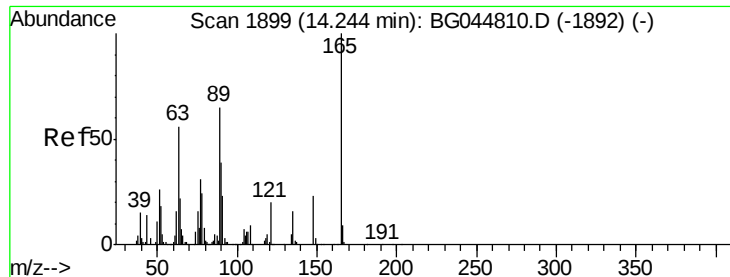


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

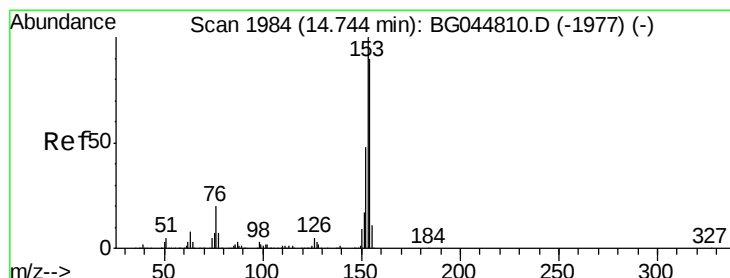
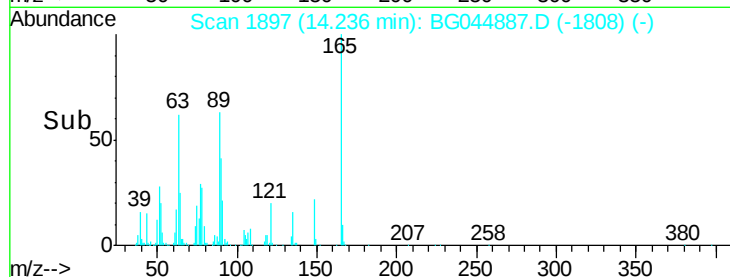
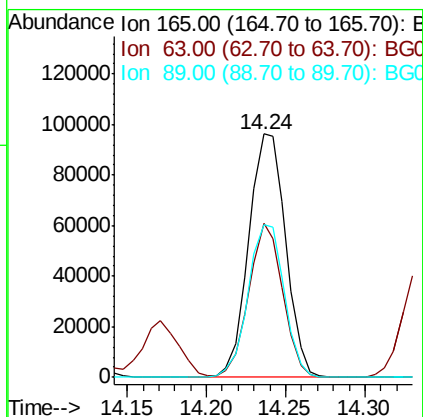
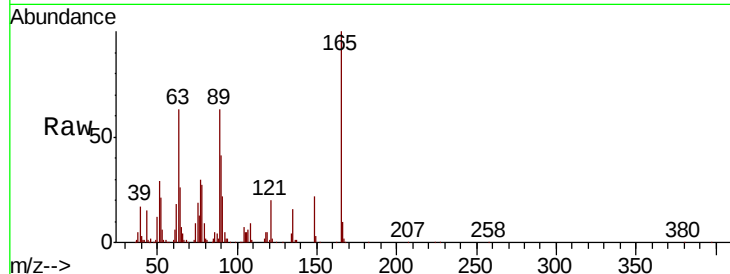




#51
 2,6-Dinitrotoluene
 Concen: 51.767 ng
 RT: 14.24 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

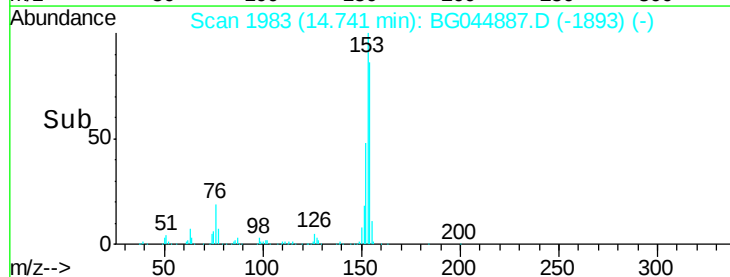
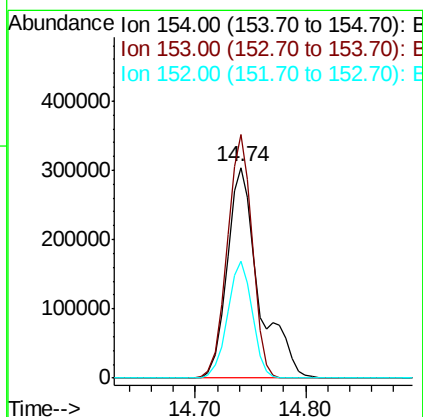
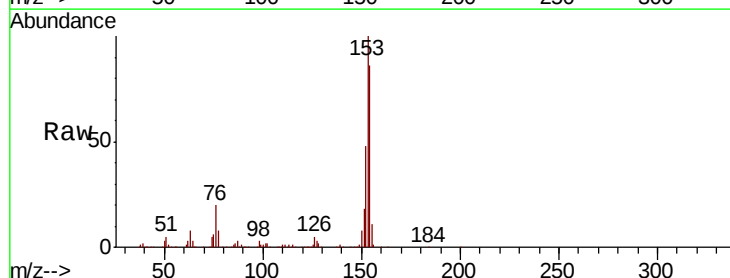
Instrument :
 BNA_G
 ClientSampleId :

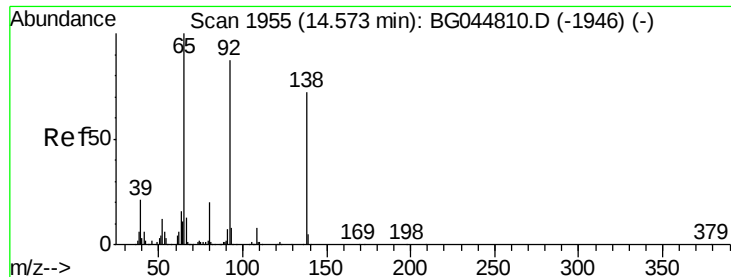
Tot Ion	Ratio	Lower	Upper
165	100		
63	63.3	45.8	68.8
89	62.9	51.8	77.6



#52
 Acenaphthene
 Concen: 51.979 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.6	89.0	133.6
152	55.6	43.0	64.6

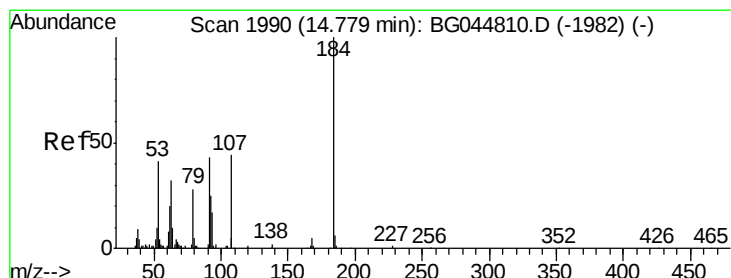
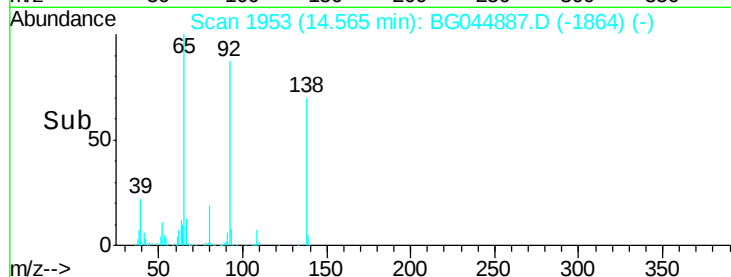
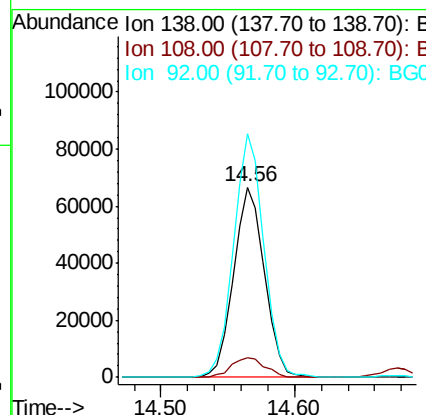
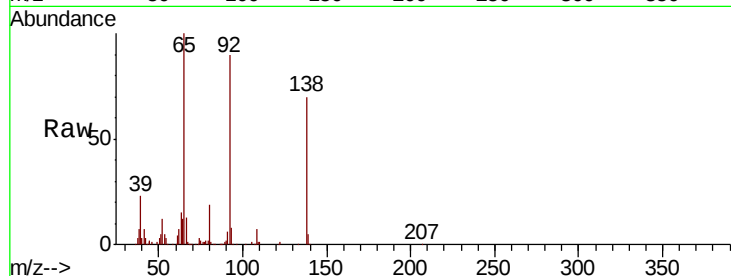




#53
 3-Nitroaniline
 Concen: 31.041 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

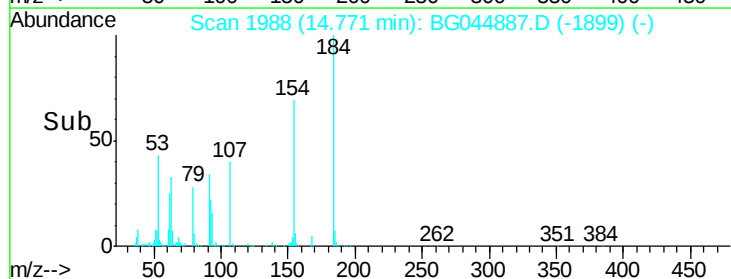
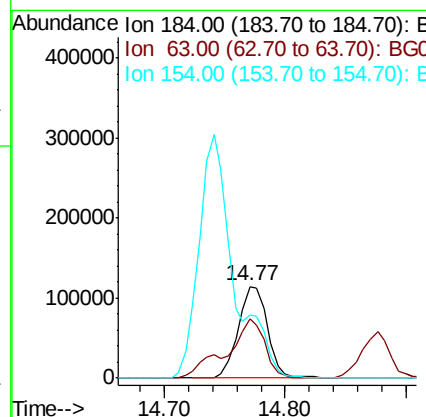
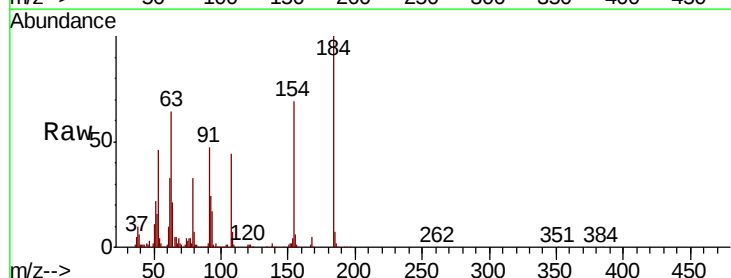
Instrument :
 BNA_G
 ClientSampleId :

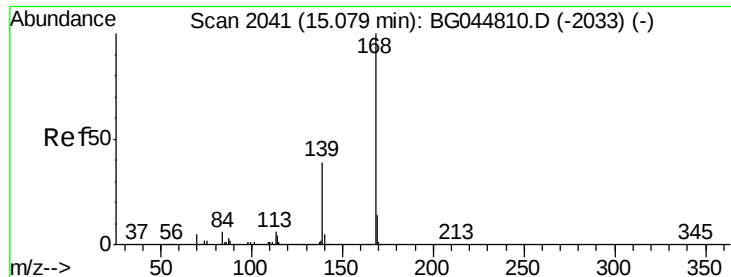
Tot Ion:138 Resp: 107603
 Ion Ratio Lower Upper
 138 100
 108 10.3 9.0 13.4
 92 128.0 96.8 145.2



#54
 2,4-Dinitrophenol
 Concen: 118.617 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Tgt Ion:184 Resp: 193957
 Ion Ratio Lower Upper
 184 100
 63 64.3 45.5 68.3
 154 69.5 49.1 73.7

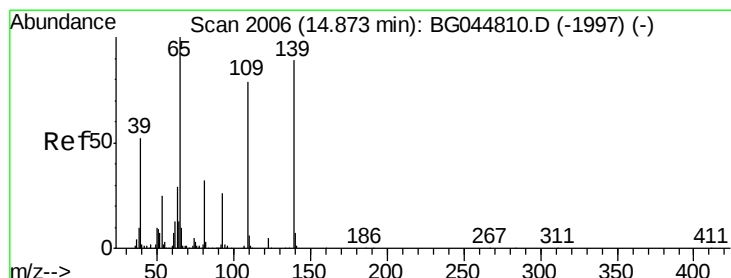
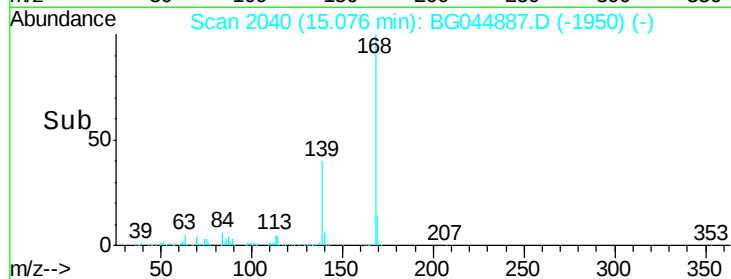
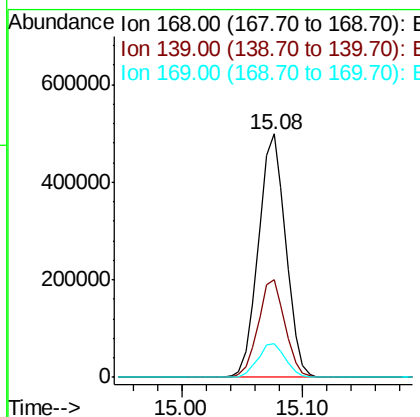
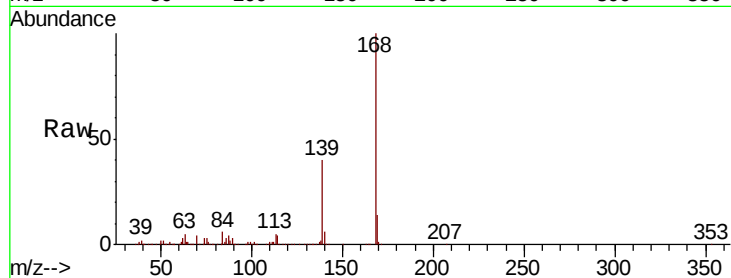




#55
Dibenzofuran
Concen: 45.630 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

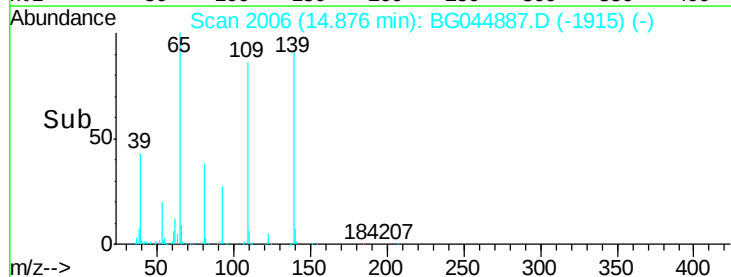
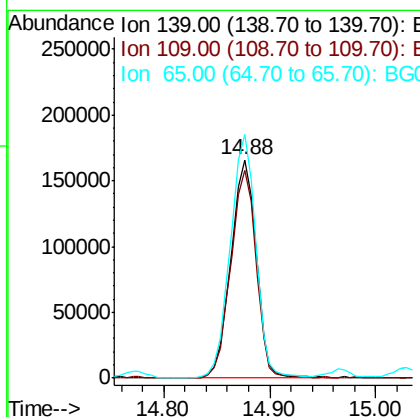
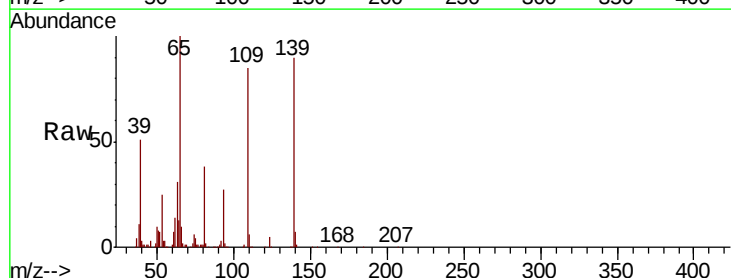
Instrument :
BNA_G
ClientSampleId :

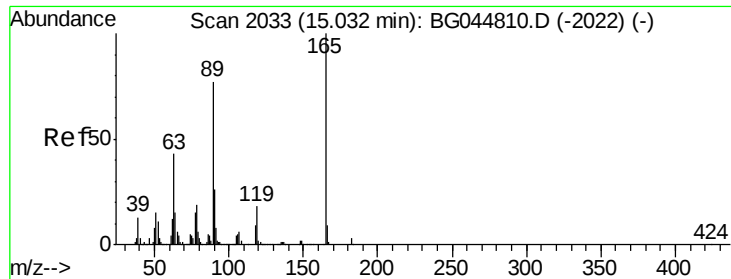
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	31.4	47.0
169	14.0	11.1	16.7



#56
4-Nitrophenol
Concen: 104.201 ng
RT: 14.88 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.8	68.8	108.8
65	111.4	92.5	132.5

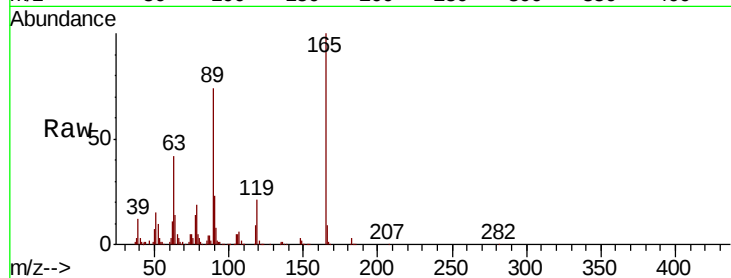




#57
2,4-Dinitrotoluene
Concen: 53.374 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	41.8	34.6	52.0	
89	74.4	61.3	91.9	
182	3.1	2.2	3.2	

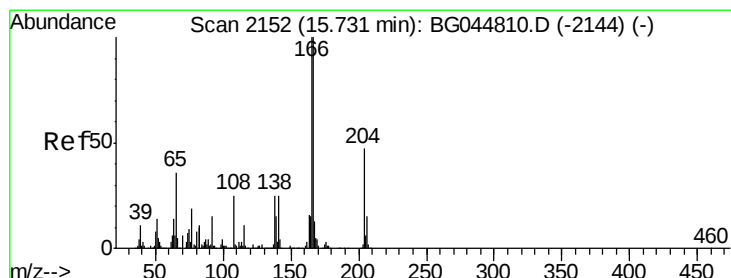
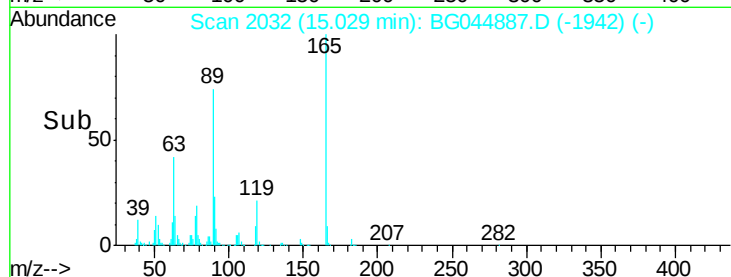
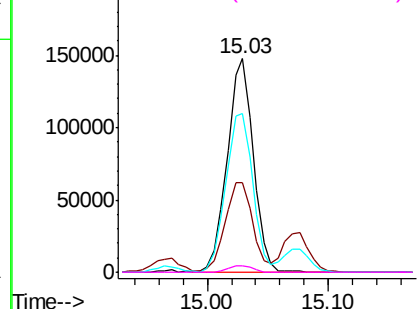


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

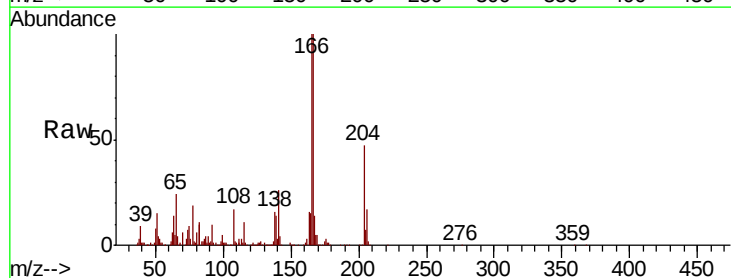
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.903 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

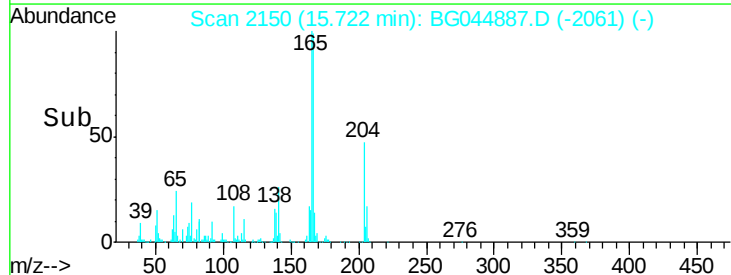
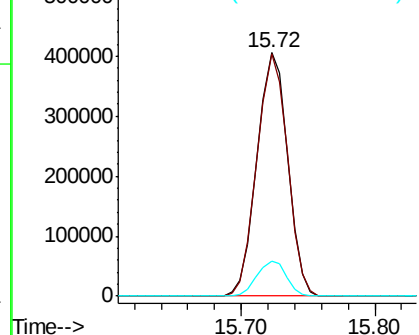
Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	99.6	79.7	119.5	
167	14.3	10.6	16.0	

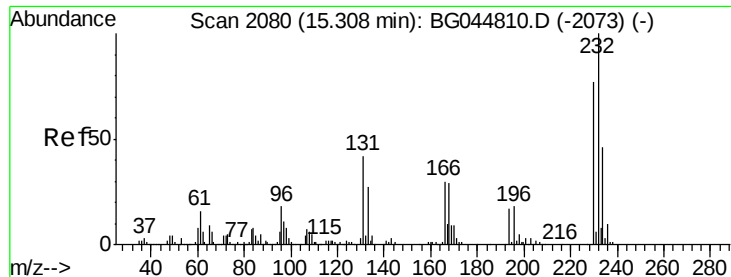


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

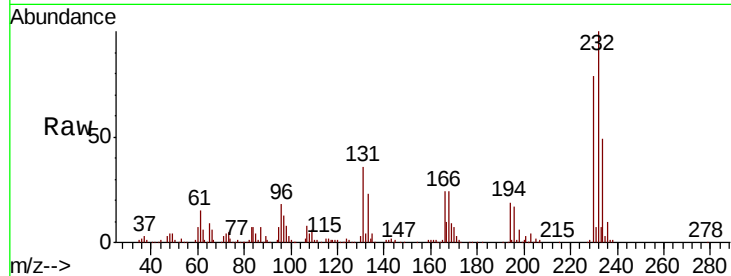




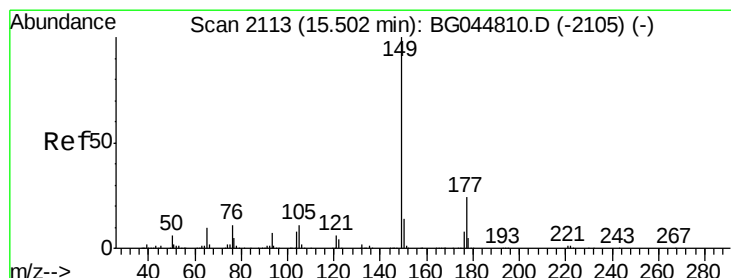
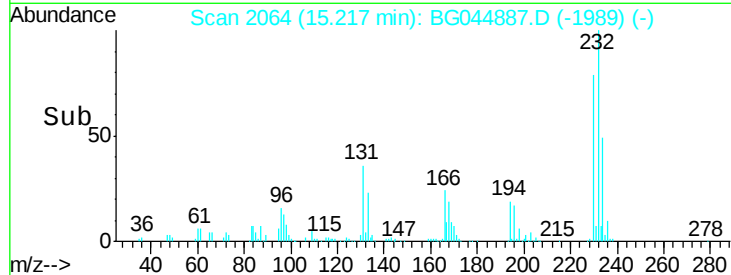
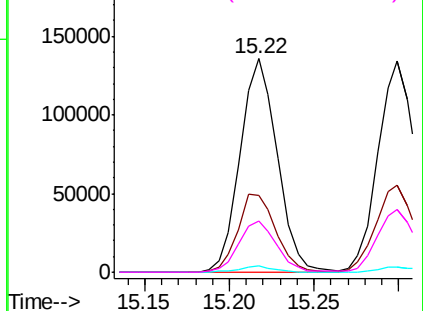
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.019 ng
 RT: 15.22 min Scan# 2064
 Delta R.T. -0.09 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	207798
Ion Ratio	Lower	Upper
232	100	
131	37.3	31.8 47.8
130	2.7	2.2 3.2
166	24.4	20.2 30.2

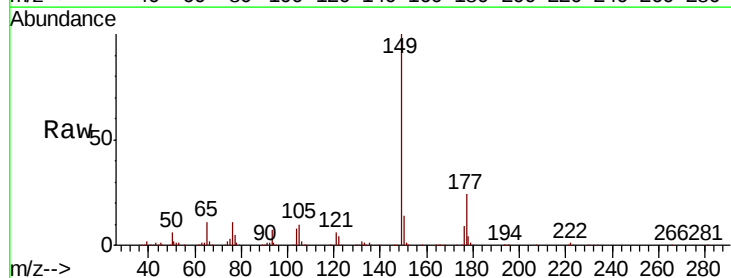


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

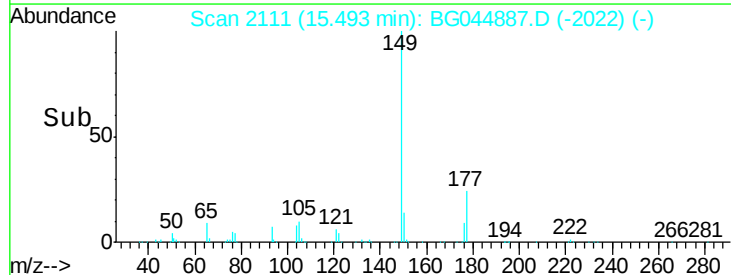
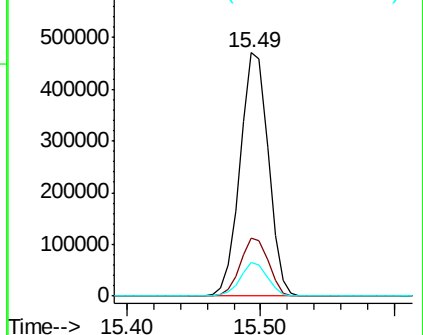


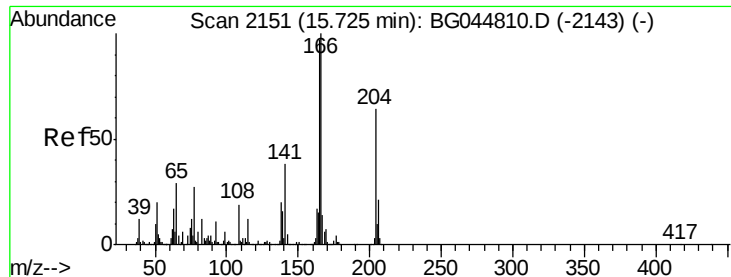
#60
 Diethylphthalate
 Concen: 44.212 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Tgt Ion:149	Resp:	689777
Ion Ratio	Lower	Upper
149	100	
177	23.9	19.3 28.9
150	13.8	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

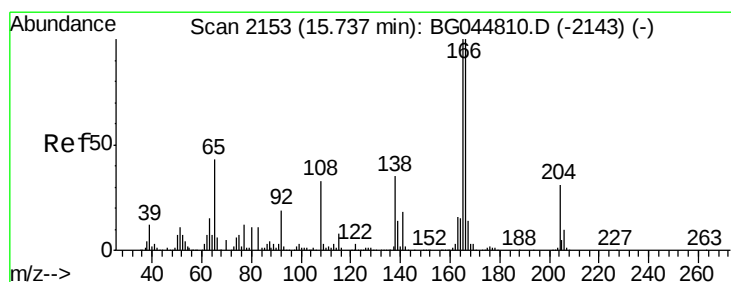
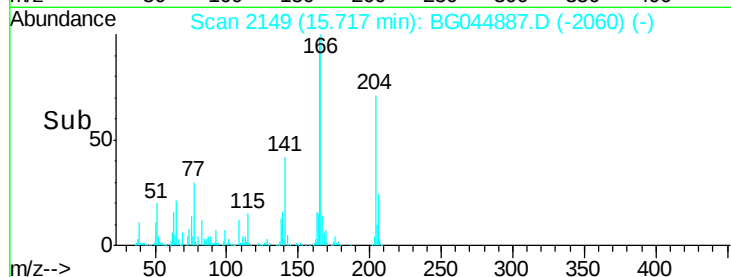
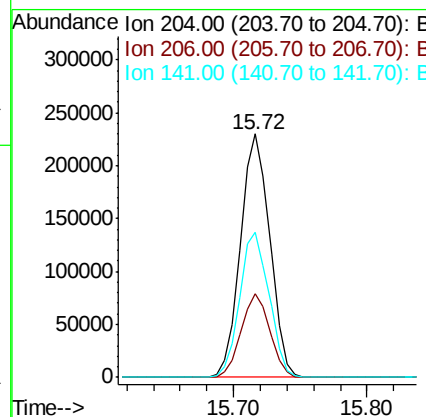
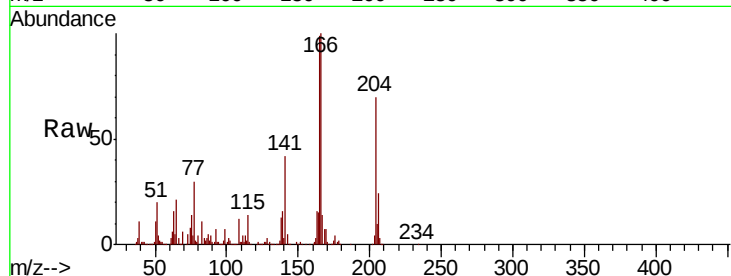




#61
 4-Chlorophenyl-phenylether
 Concen: 46.164 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

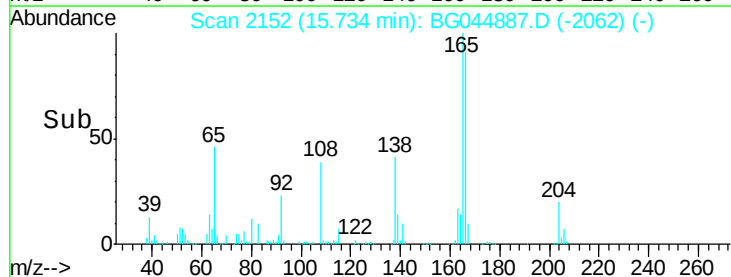
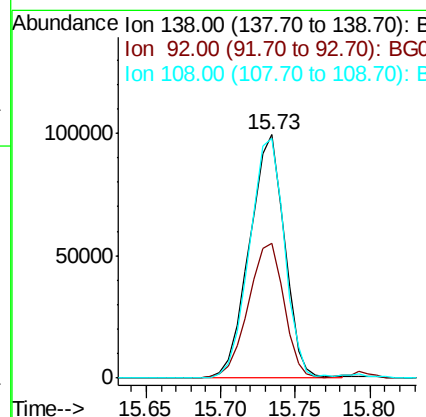
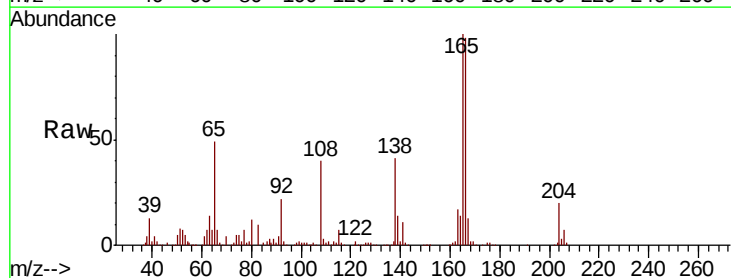
Instrument :
 BNA_G
 ClientSampleId :

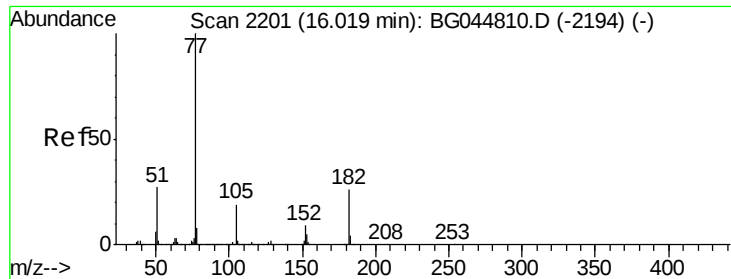
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.2	39.2
141	59.7	47.7	71.5



#62
 4-Nitroaniline
 Concen: 43.763 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.1	34.5	74.5
108	98.3	74.5	114.5





#63

Azobenzene

Concen: 42.685 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 691558

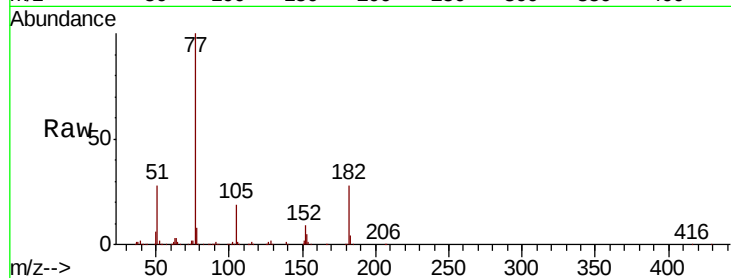
Ion Ratio Lower Upper

77 100

182 27.7 6.4 46.4

105 19.0 0.0 39.1

51 27.9 7.3 47.3

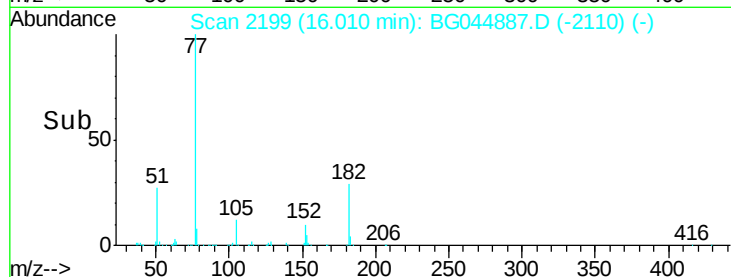


Abundance Ion 77.00 (76.70 to 77.70): BGC

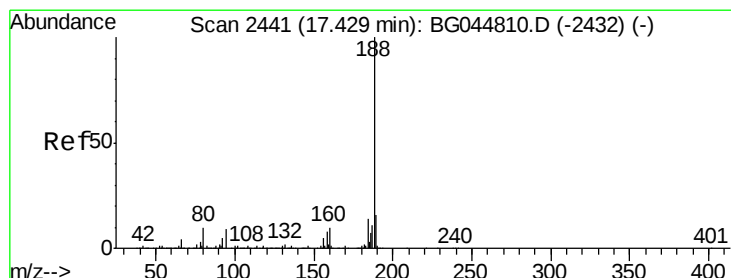
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time--> 15.90 16.00 16.10



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

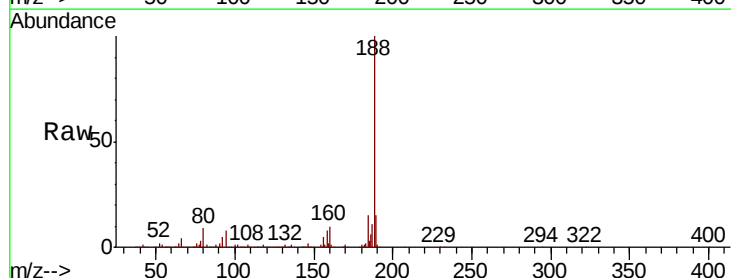
Tgt Ion: 188 Resp: 461199

Ion Ratio Lower Upper

188 100

94 8.0 7.3 10.9

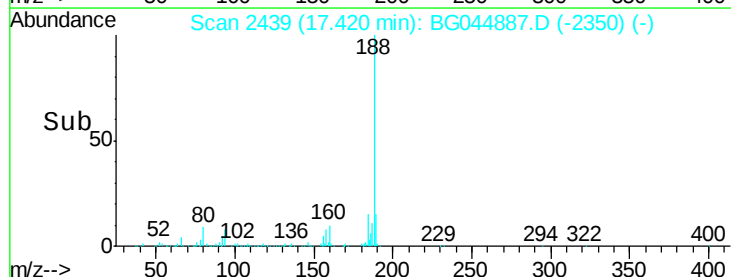
80 9.5 8.0 12.0



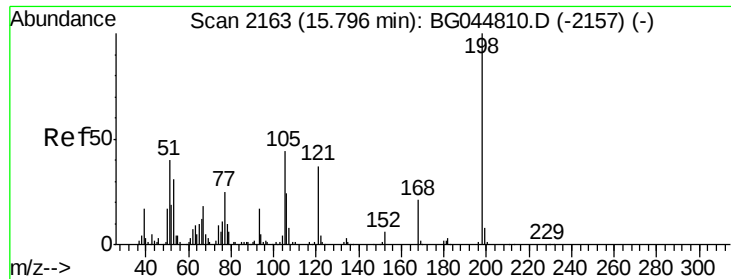
Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.40 17.50



#65

4,6-Dinitro-2-methylphenol

Concen: 59.924 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

ClientSampled :

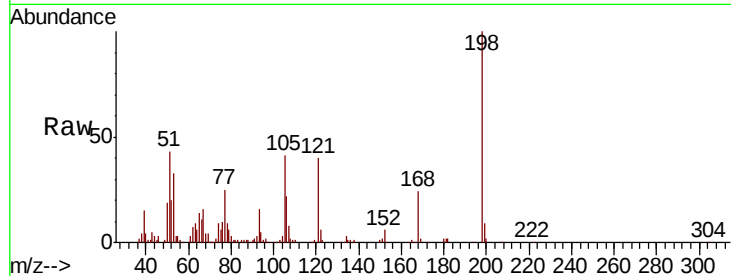
Tot Ion:198 Resp: 135021

Ion Ratio Lower Upper

198 100

51 42.6 21.1 61.1

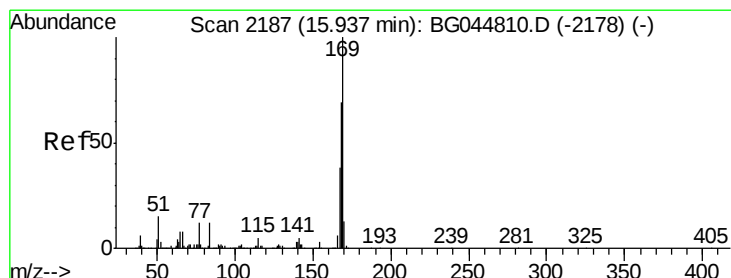
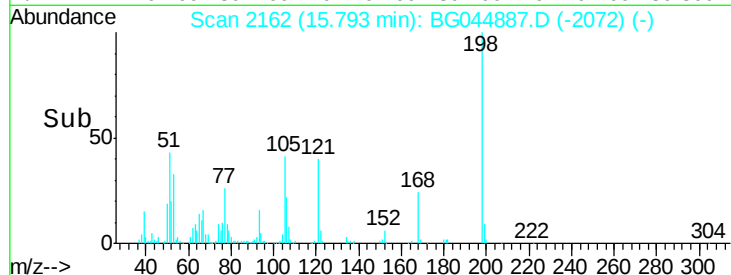
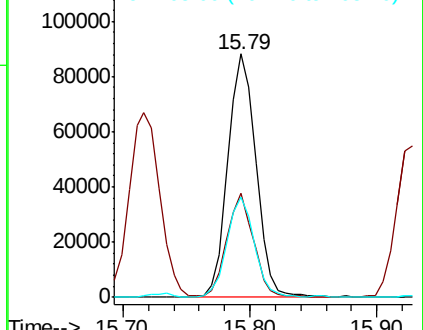
105 41.0 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.319 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

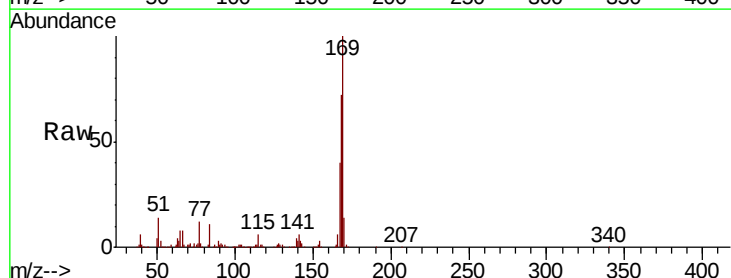
Tgt Ion:169 Resp: 587611

Ion Ratio Lower Upper

169 100

168 72.2 55.4 83.2

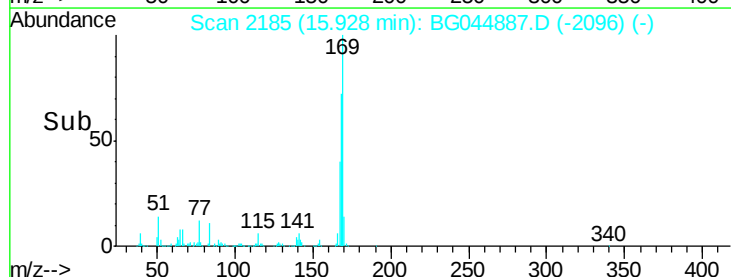
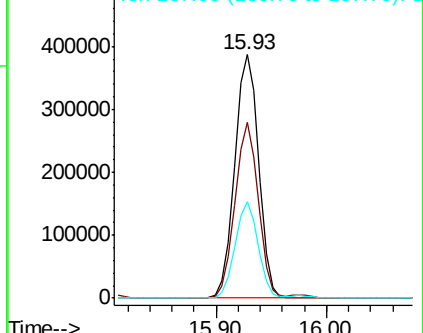
167 39.6 30.1 45.1

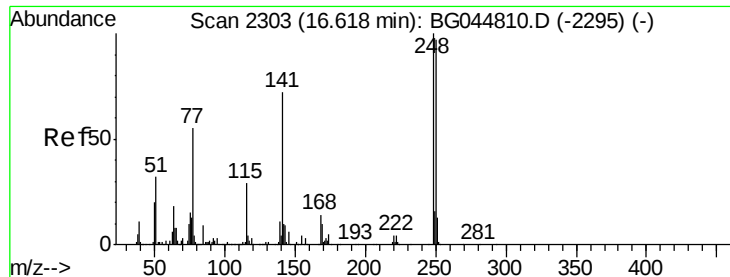


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

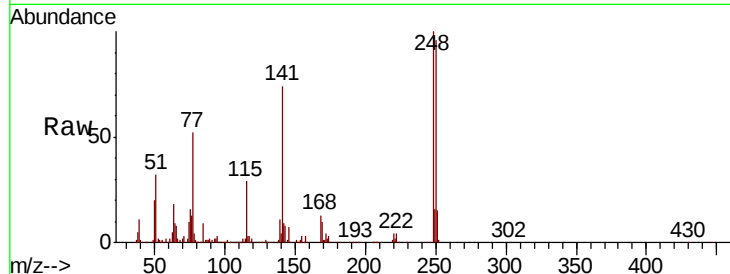




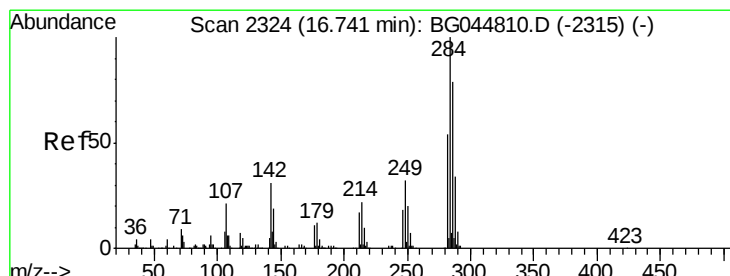
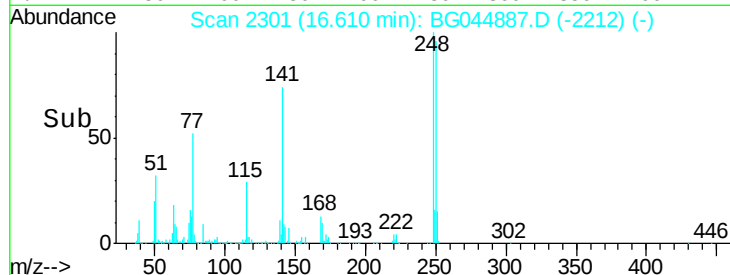
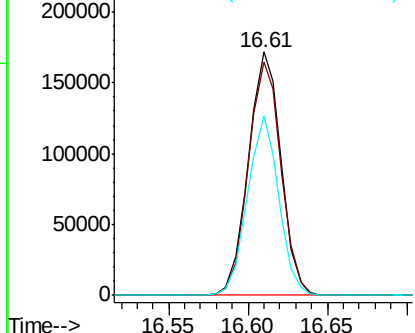
#67
4-Bromophenyl-phenylether
Concen: 42.501 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 245045
Ion Ratio Lower Upper
248 100
250 96.0 77.9 116.9
141 73.7 57.5 86.3

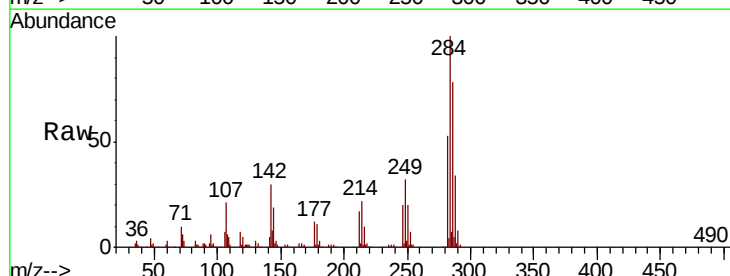


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

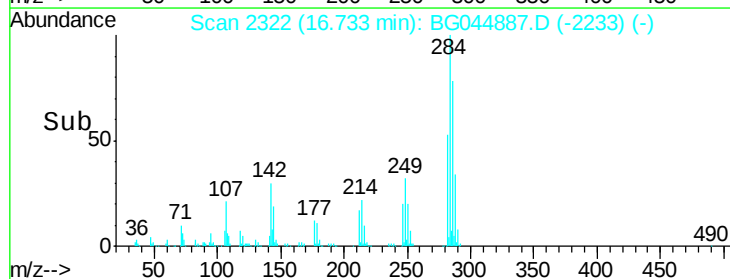
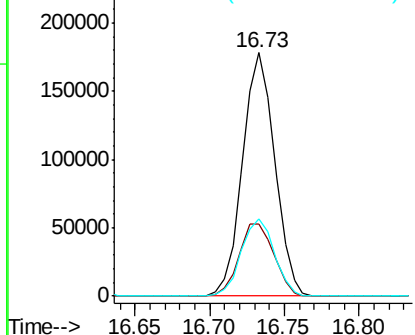


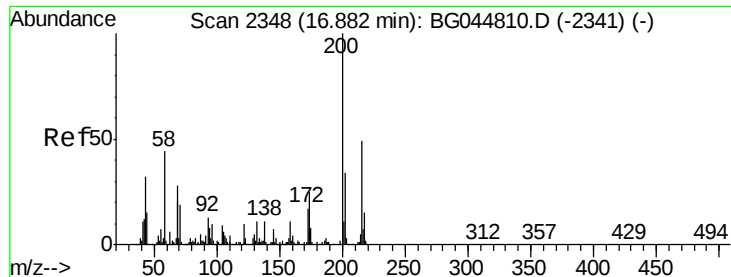
#68
Hexachlorobenzene
Concen: 42.573 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion:284 Resp: 266300
Ion Ratio Lower Upper
284 100
142 29.8 25.0 37.6
249 31.9 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: 48.099 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.00 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

ClientSampled :

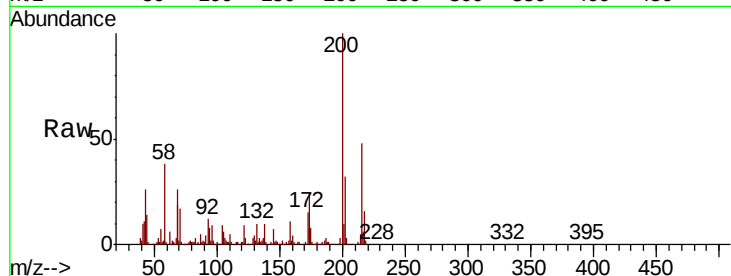
Tot Ion:200 Resp: 244692

Ion Ratio Lower Upper

200 100

173 24.4 5.3 45.3

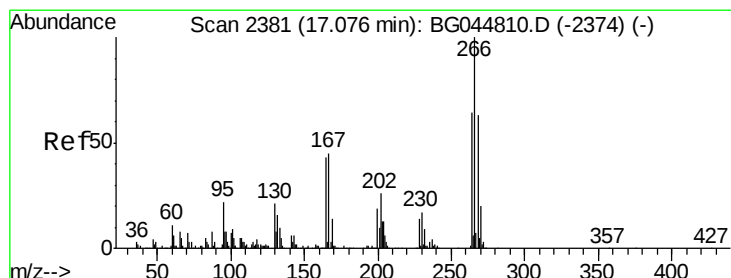
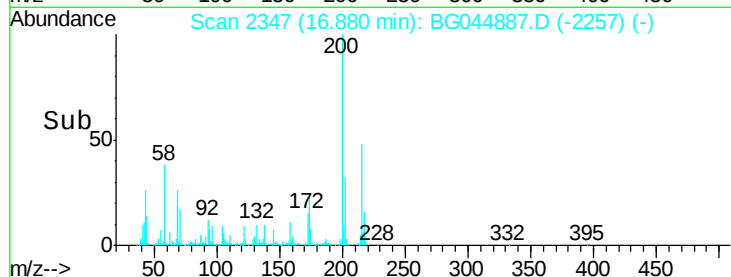
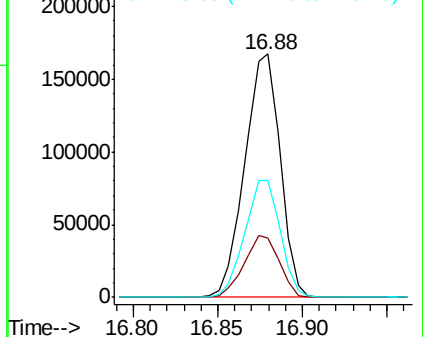
215 48.0 28.9 68.9



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: 101.927 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

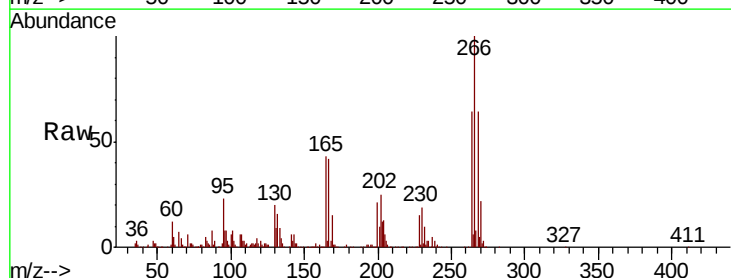
Tgt Ion:266 Resp: 350798

Ion Ratio Lower Upper

266 100

268 64.4 50.3 75.5

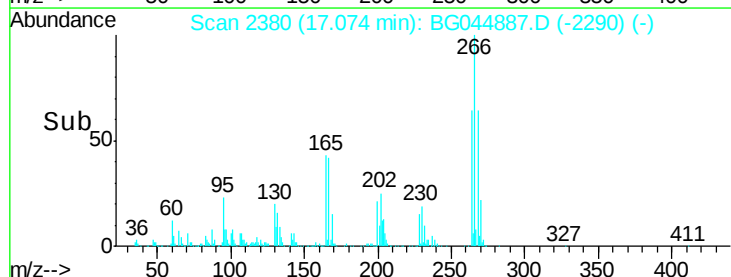
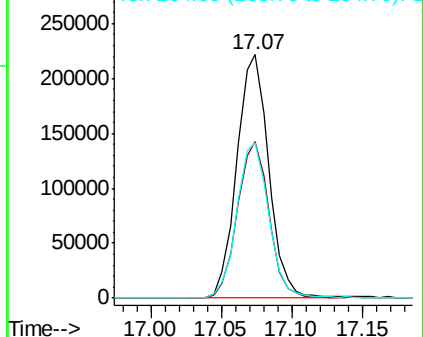
264 63.9 51.4 77.2

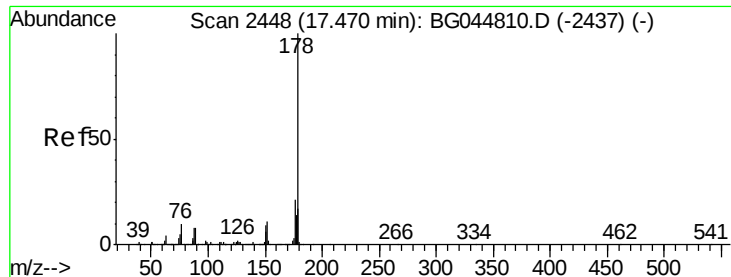


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

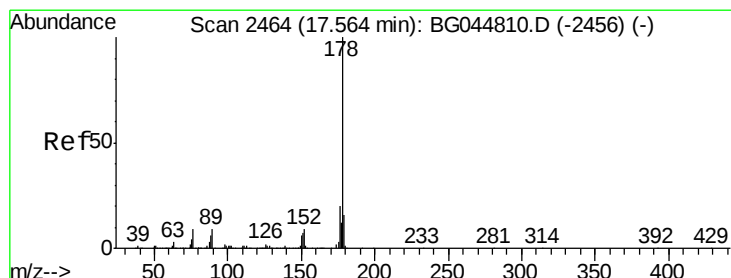
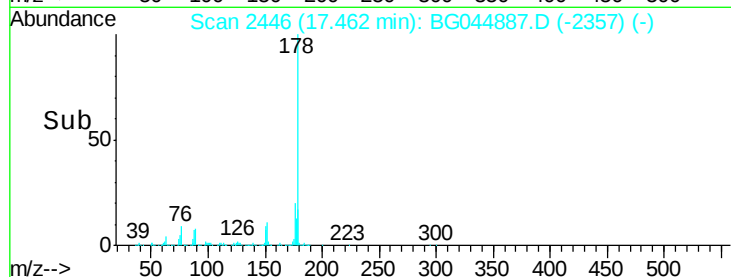
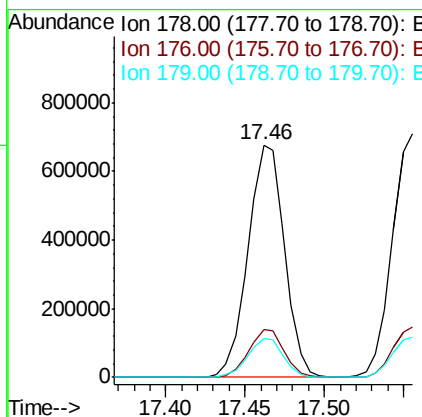
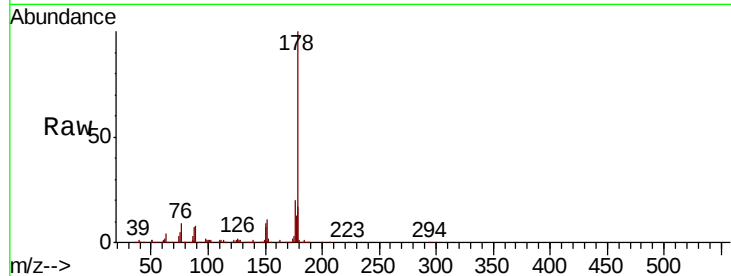




#71
Phenanthrene
Concen: 43.867 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

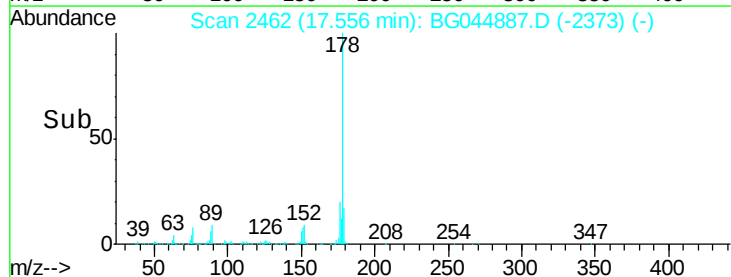
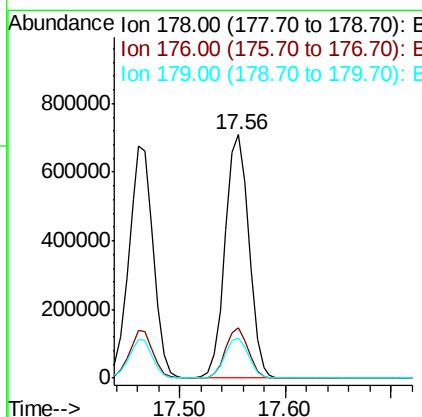
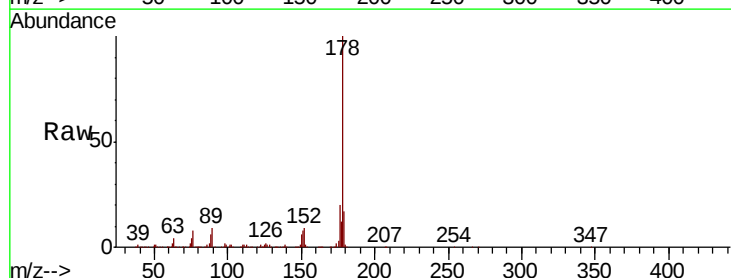
Instrument :
BNA_G
ClientSampleId :

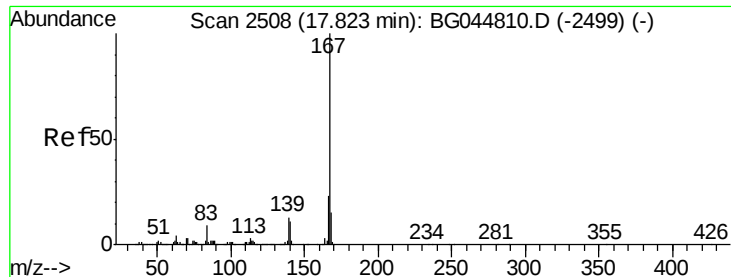
Tot Ion:178 Resp: 1081128
Ion Ratio Lower Upper
178 100
176 20.4 16.6 24.8
179 16.8 13.5 20.3



#72
Anthracene
Concen: 45.376 ng
RT: 17.56 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion:178 Resp: 1102735
Ion Ratio Lower Upper
178 100
176 20.4 15.9 23.9
179 16.7 13.2 19.8





#73

Carbazole

Concen: 45.007 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

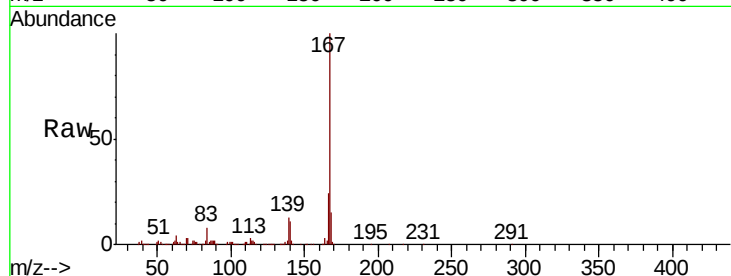
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1050640

Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.8	28.2
139	13.2	10.8	16.2

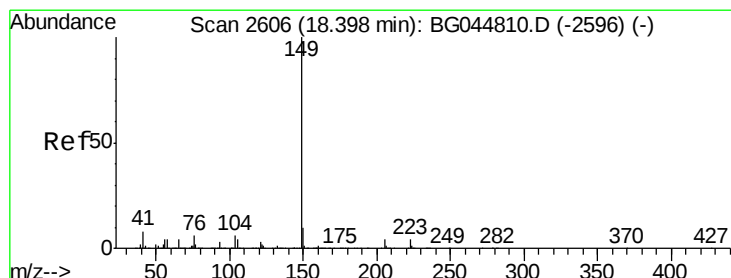
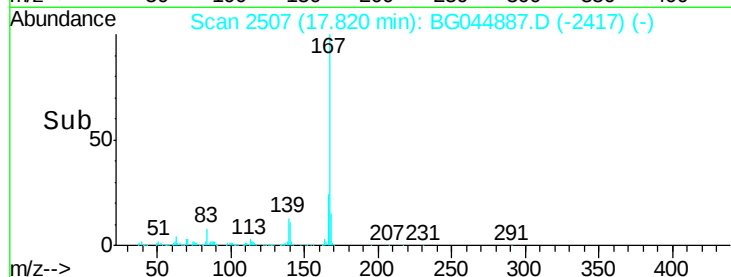
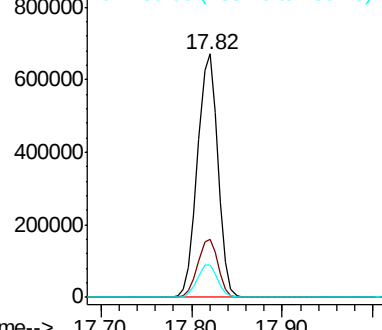


Abundance

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: 44.544 ng

RT: 18.39 min Scan# 2604

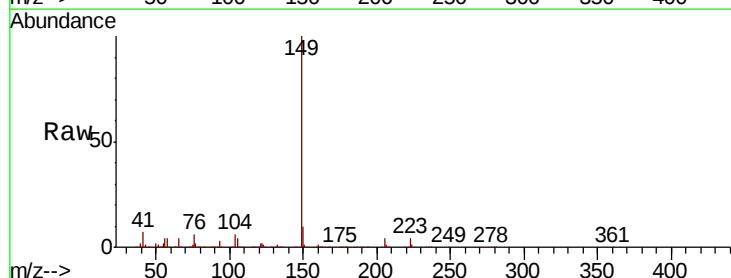
Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Tgt Ion:149 Resp: 1264034

Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.1	12.1
104	6.4	5.0	7.4

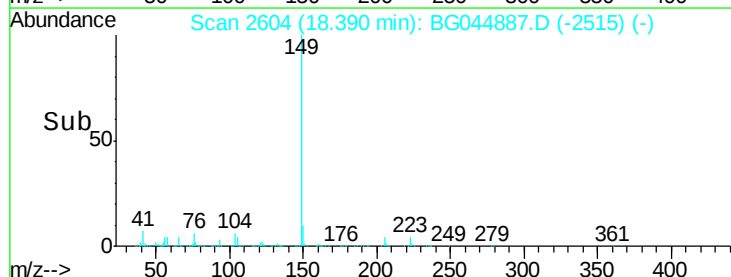
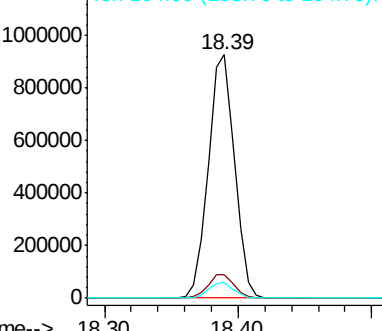


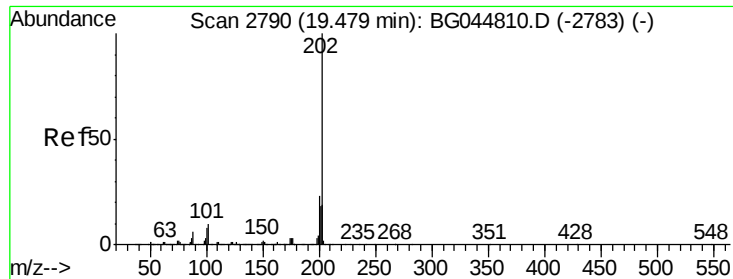
Abundance

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: 48.380 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

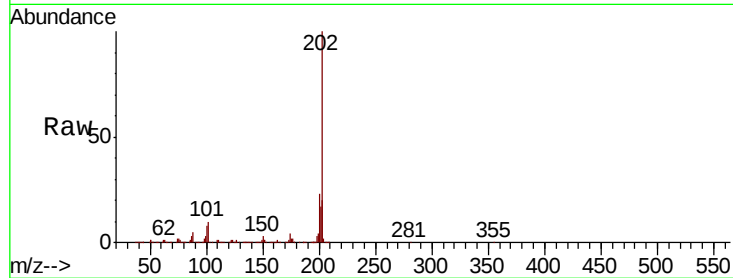
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1419714

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.8
203	20.0	0.0	39.4

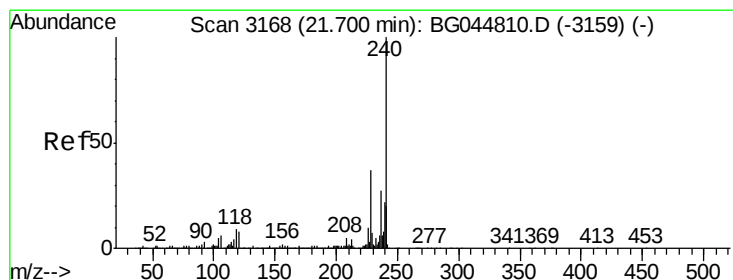
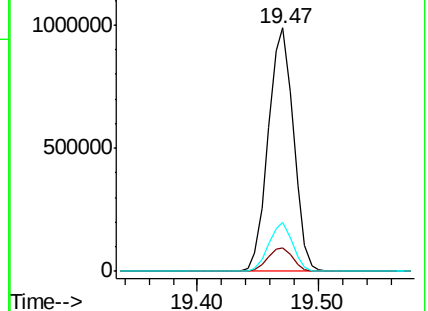
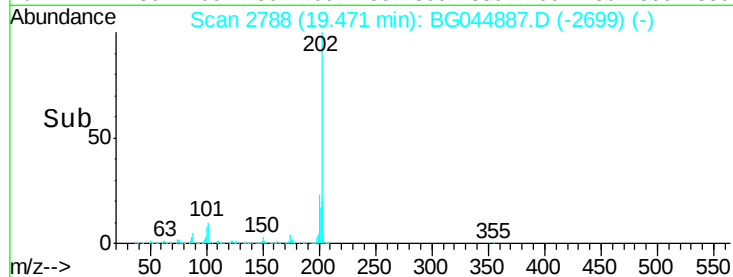


Abundance

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

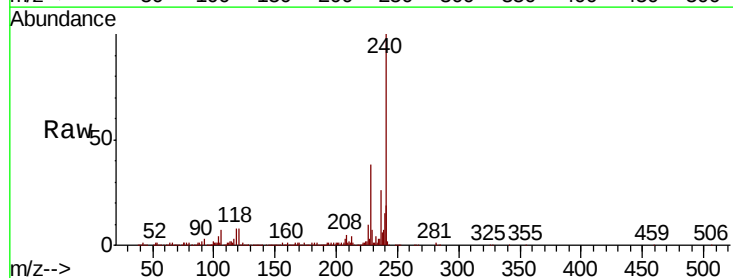
Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Tgt Ion:240 Resp: 476986

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.7	10.1
236	25.7	21.5	32.3

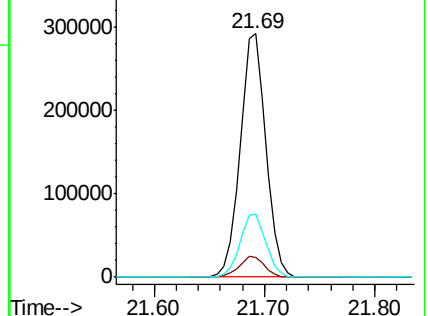
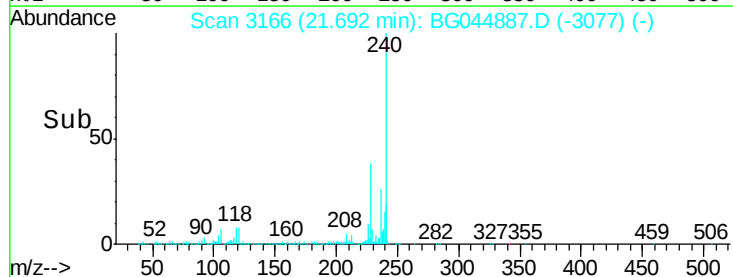


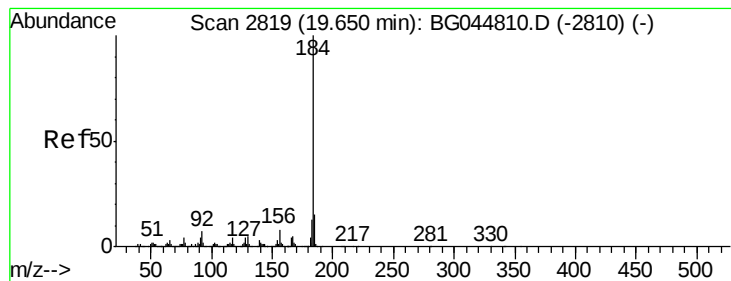
Abundance

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: 53.082 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

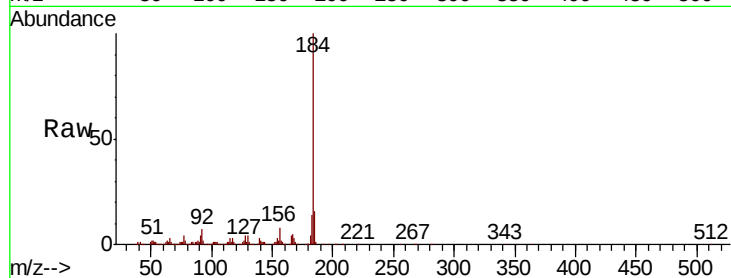
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 821966

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

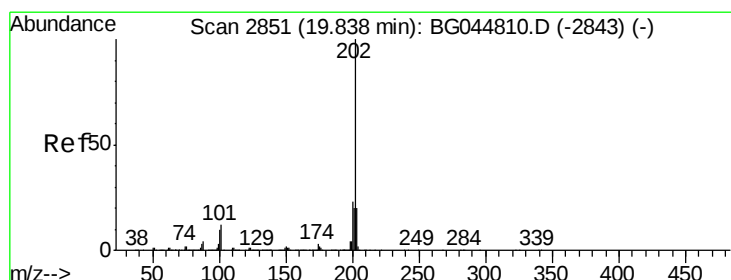
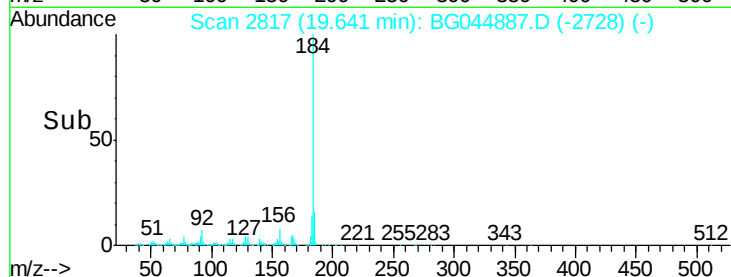
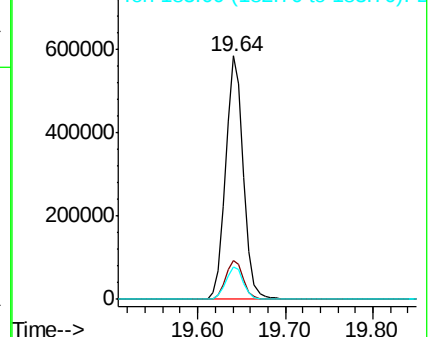


Abundance

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: 40.463 ng

RT: 19.83 min Scan# 2849

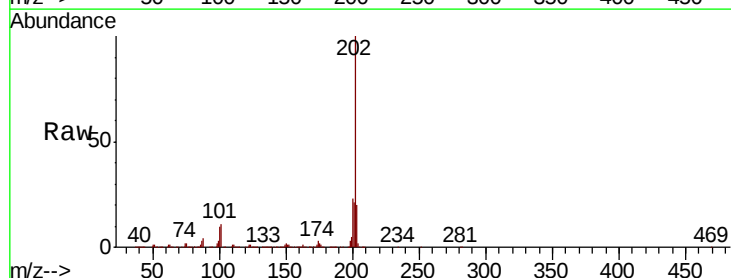
Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Tgt Ion:202 Resp: 1415993

Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.3	27.5
203	19.9	15.6	23.4

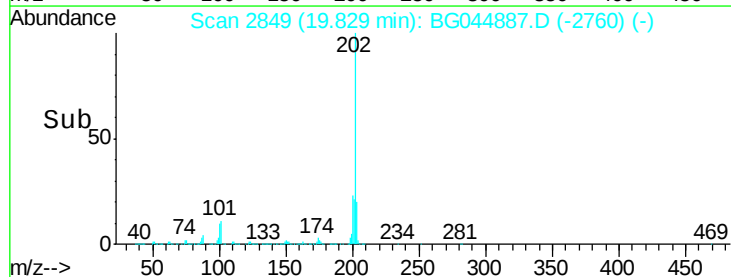
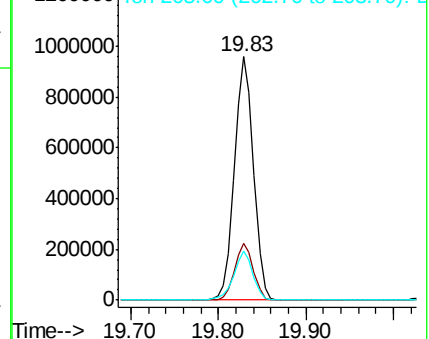


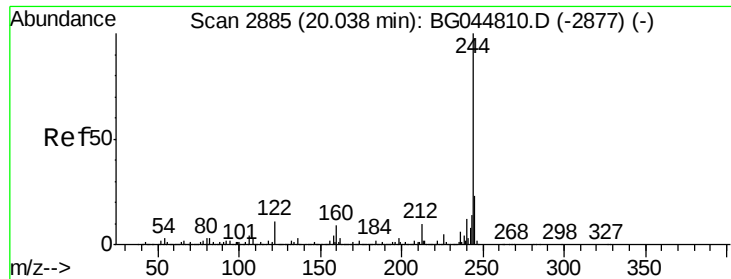
Abundance

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: 79.630 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

ClientSampleId :

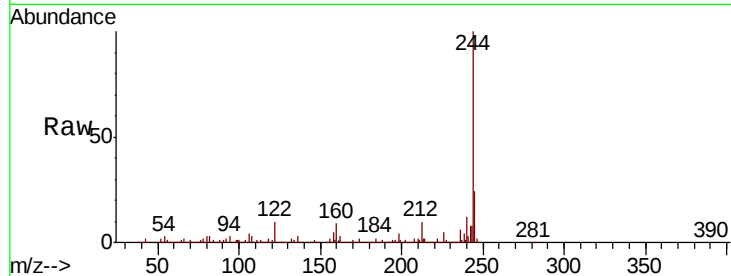
Tot Ion:244 Resp: 2030549

Ion Ratio Lower Upper

244 100

212 9.6 7.7 11.5

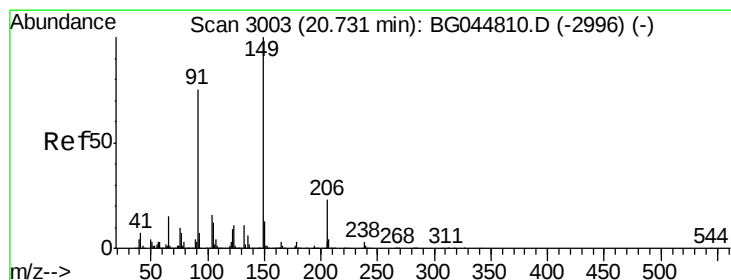
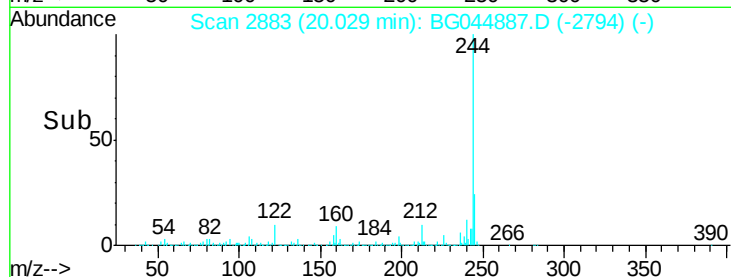
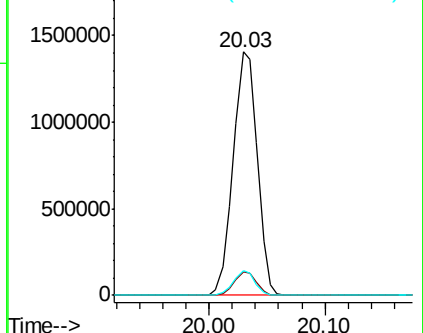
122 10.1 8.6 12.8



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: 39.650 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

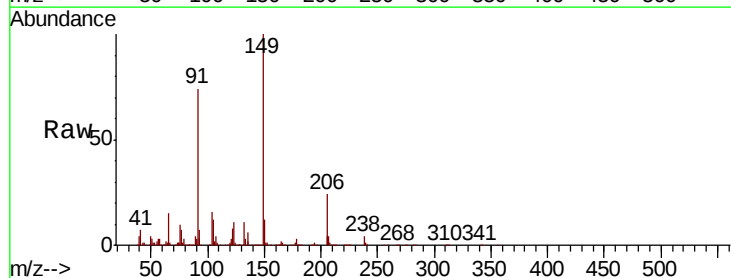
Tgt Ion:149 Resp: 617299

Ion Ratio Lower Upper

149 100

91 74.3 60.2 90.4

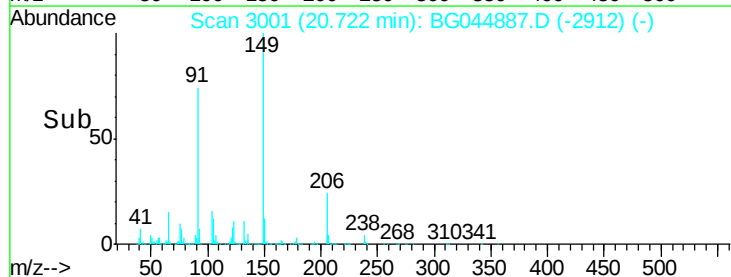
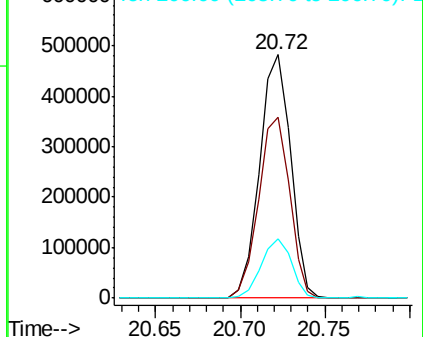
206 24.3 18.6 27.8

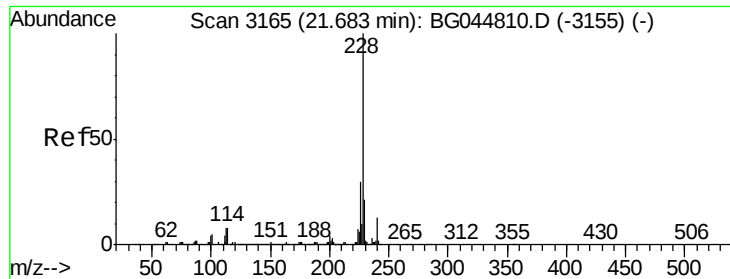


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.594 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

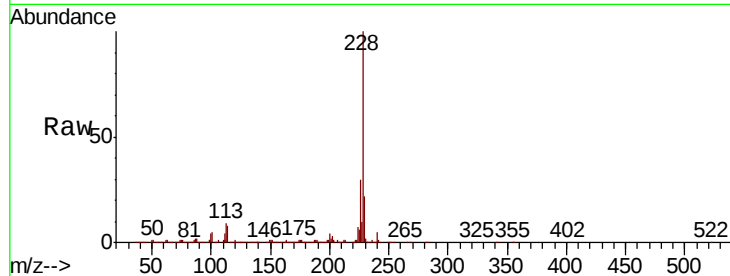
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1428592

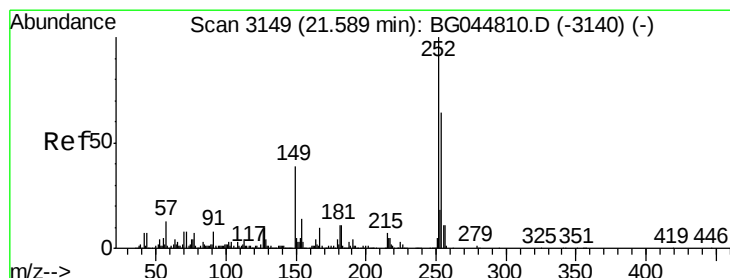
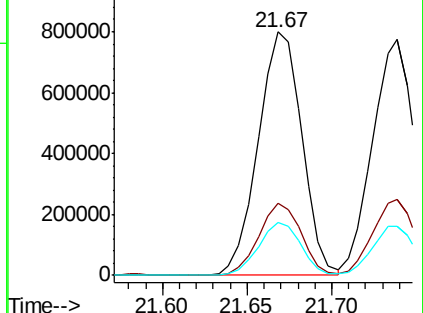
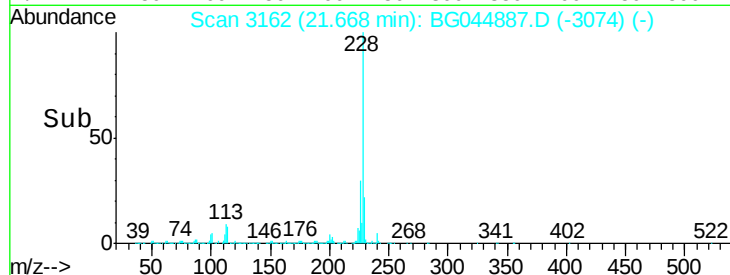
Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.6	35.4
229	21.7	17.1	25.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.778 ng

RT: 21.58 min Scan# 3147

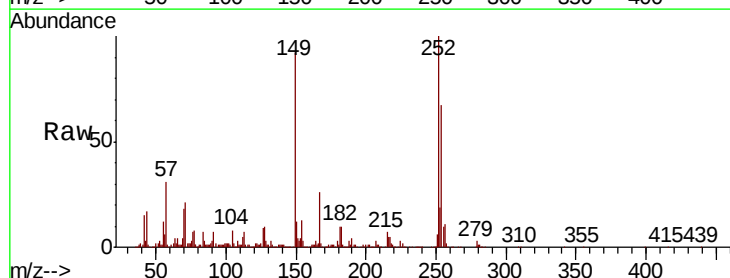
Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Tgt Ion:252 Resp: 408960

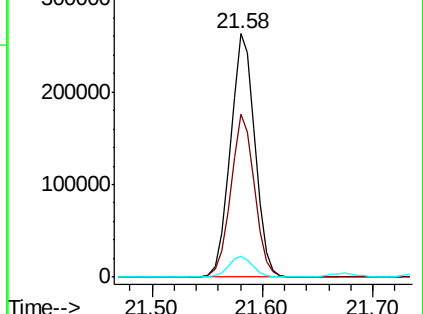
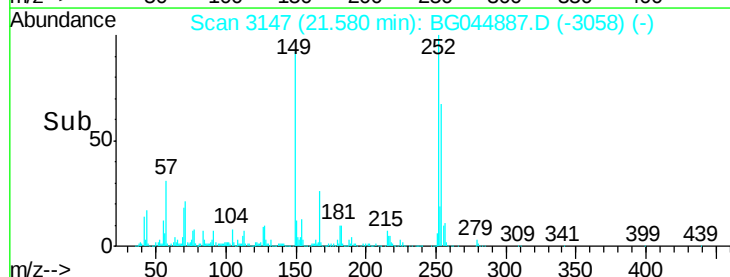
Ion	Ratio	Lower	Upper
252	100		
254	67.0	51.6	77.4
126	8.6	7.0	10.6

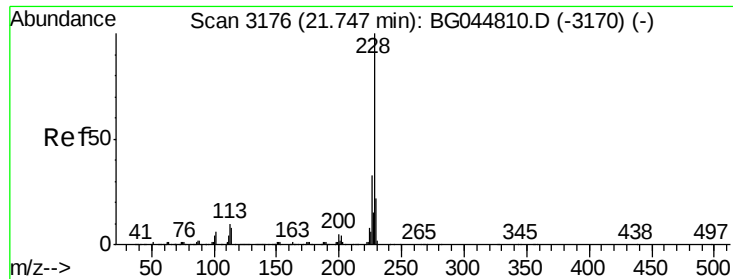


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.896 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

ClientSampleId :

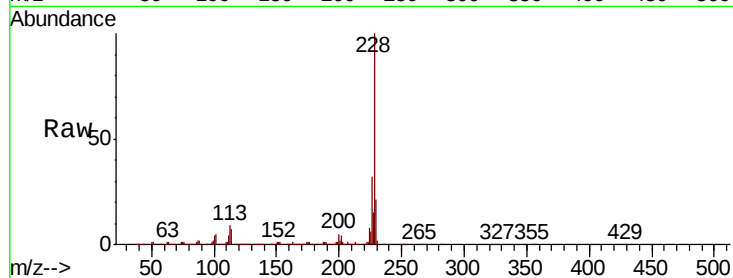
Tot Ion:228 Resp: 1341749

Ion Ratio Lower Upper

228 100

226 32.3 25.9 38.9

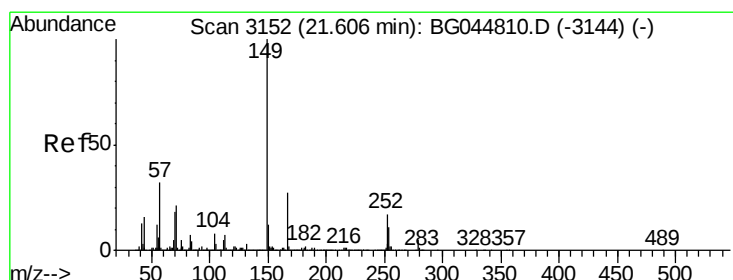
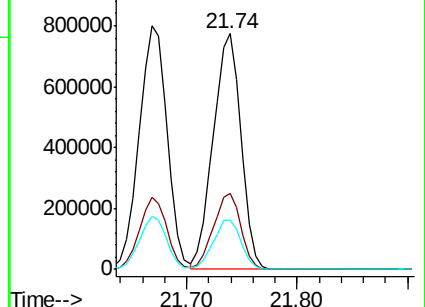
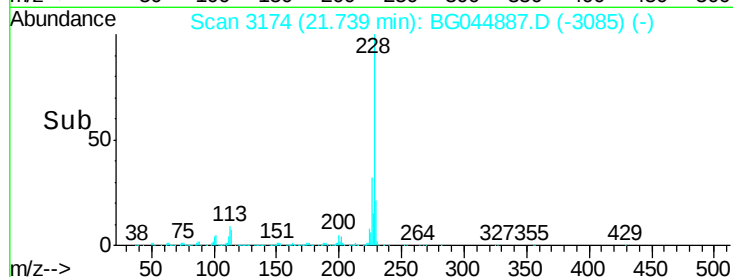
229 20.8 17.4 26.0



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: 39.566 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

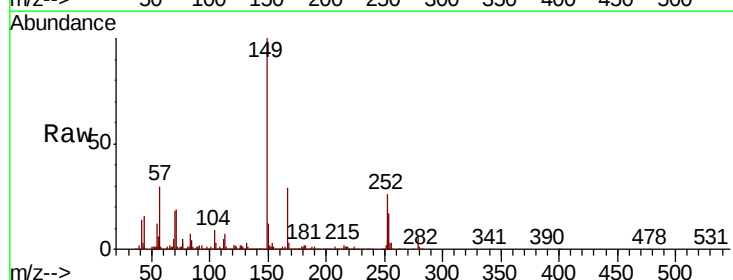
Tgt Ion:149 Resp: 850142

Ion Ratio Lower Upper

149 100

167 29.3 21.8 32.6

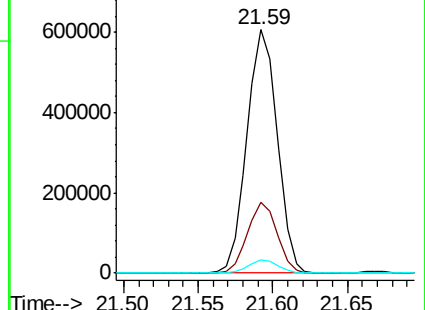
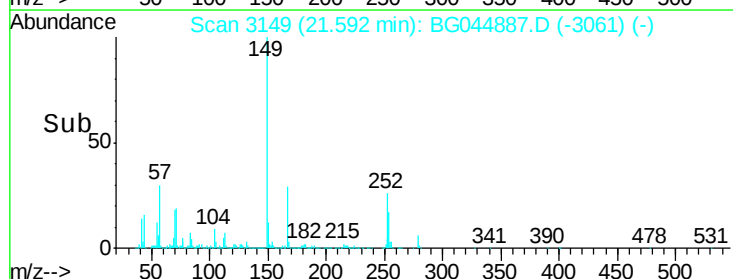
279 5.6 3.8 5.6#

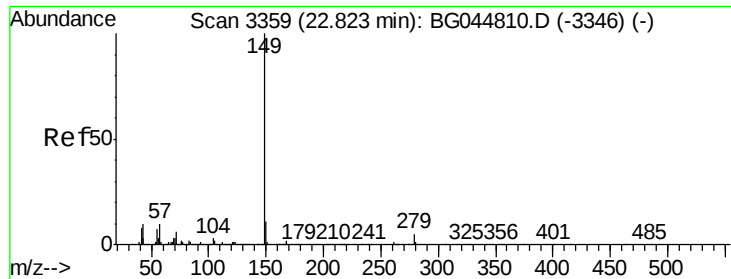


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.860 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

ClientSampleId :

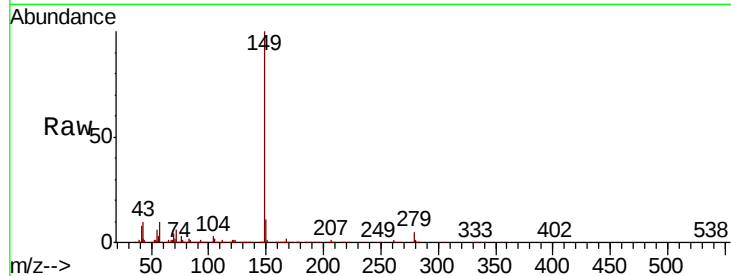
Tot Ion:149 Resp: 1469118

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

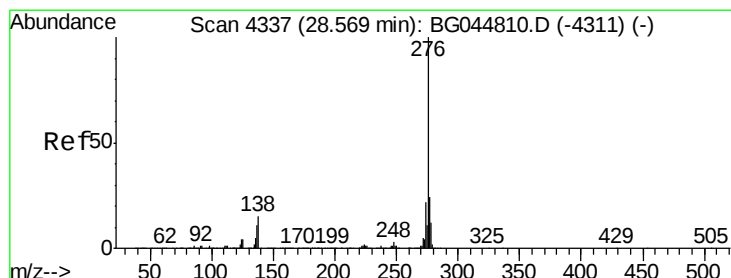
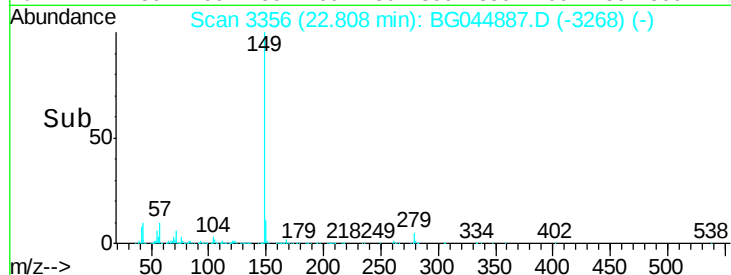
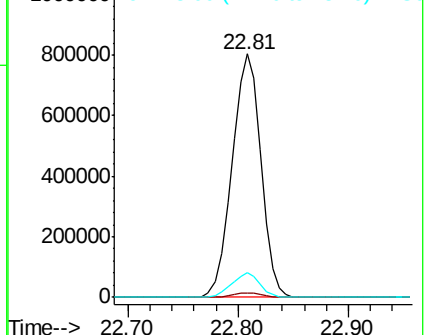
43 9.7 8.2 12.4



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: 42.049 ng

RT: 28.54 min Scan# 4332

Delta R.T. -0.03 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

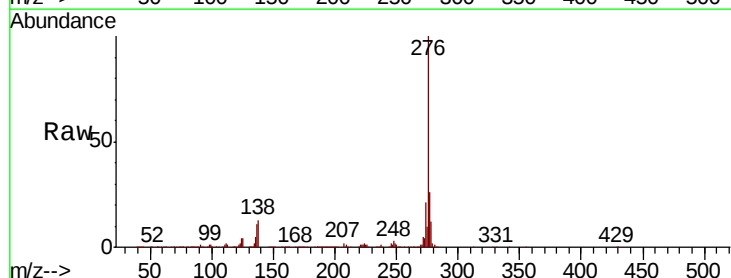
Tgt Ion:276 Resp: 1808631

Ion Ratio Lower Upper

276 100

138 11.4 7.4 11.0#

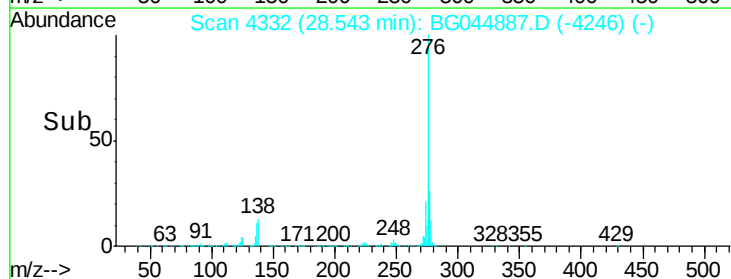
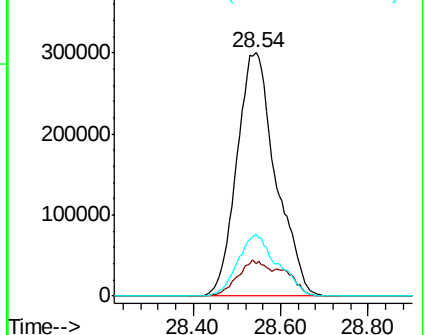
277 25.9 20.8 31.2

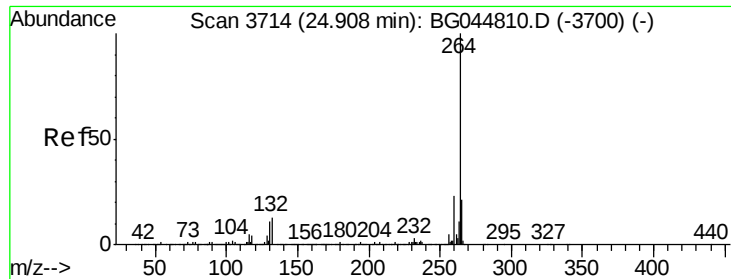


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

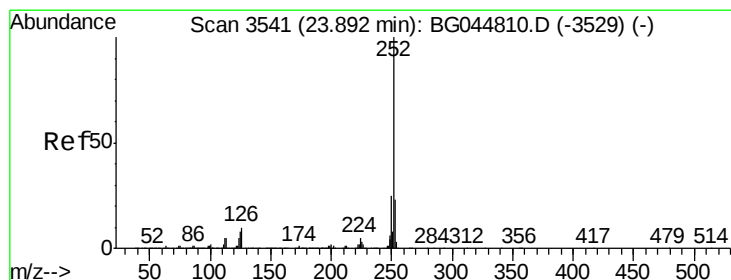
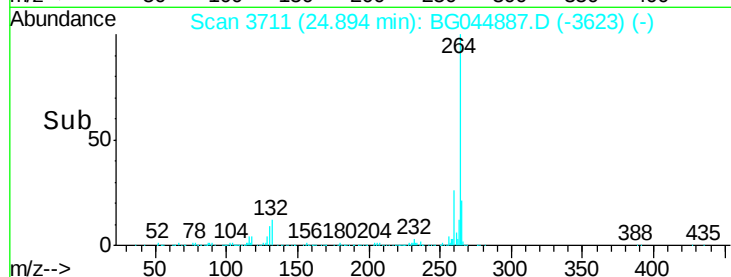
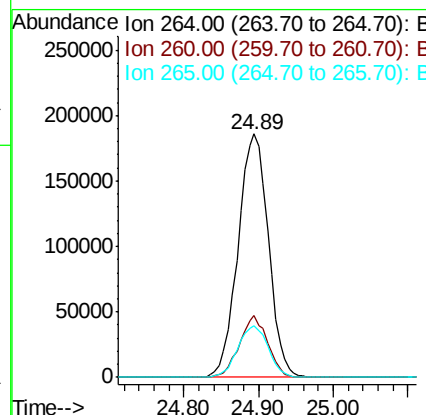
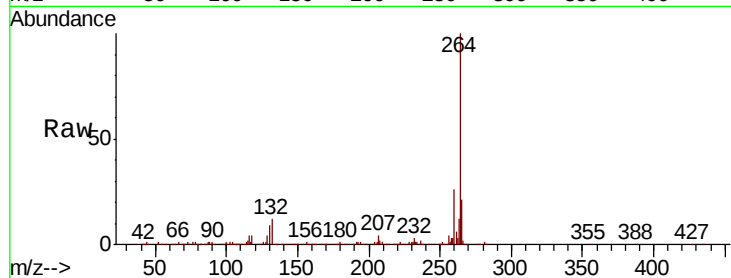




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3711
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

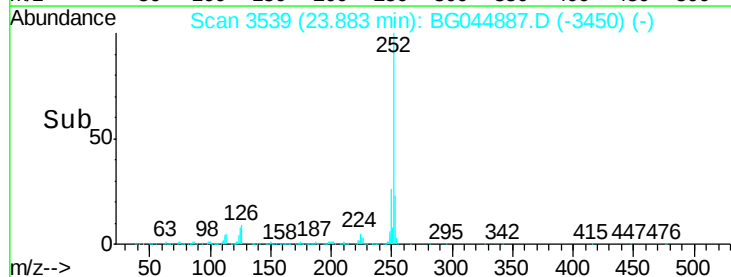
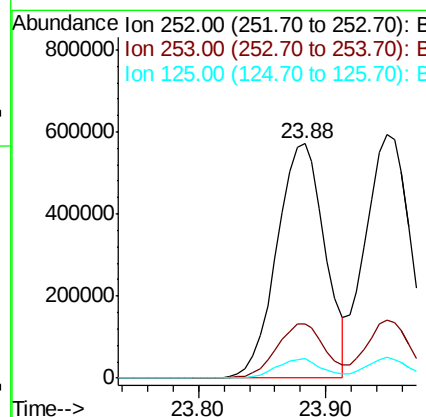
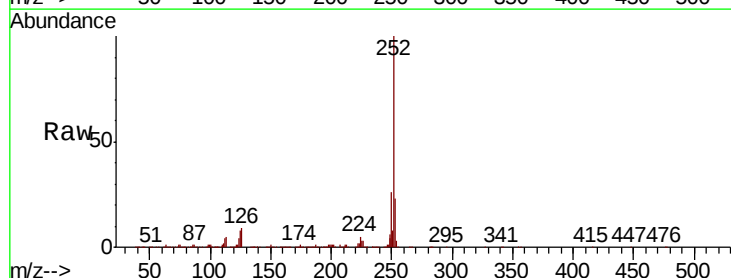
Instrument :
BNA_G
ClientSampleId :

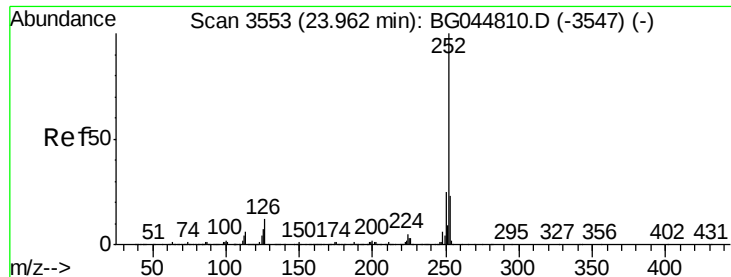
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.1	27.1
265	21.2	17.1	25.7



#88
Benzo(b)fluoranthene
Concen: 43.449 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	8.1	6.6	9.8





#89

Benzo(k)fluoranthene

Concen: 44.637 ng

RT: 23.95 min Scan# 3550

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

ClientSampleId :

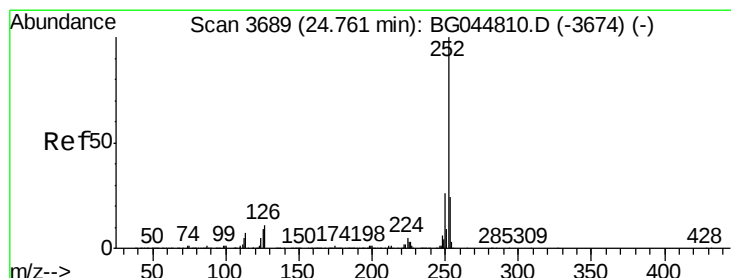
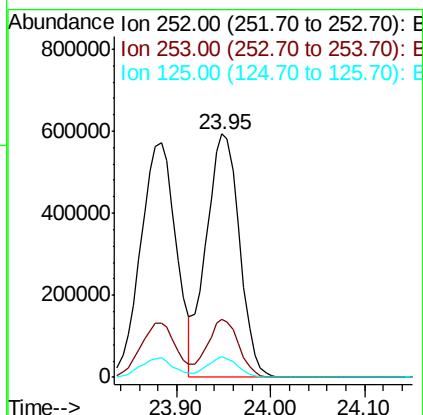
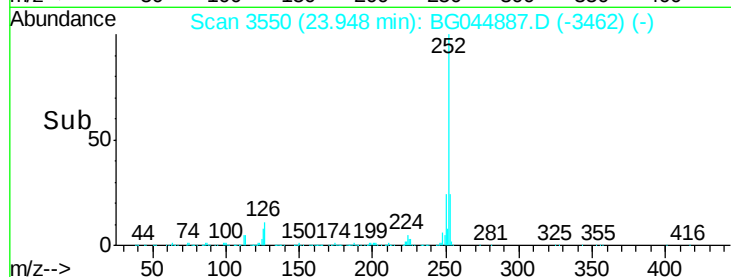
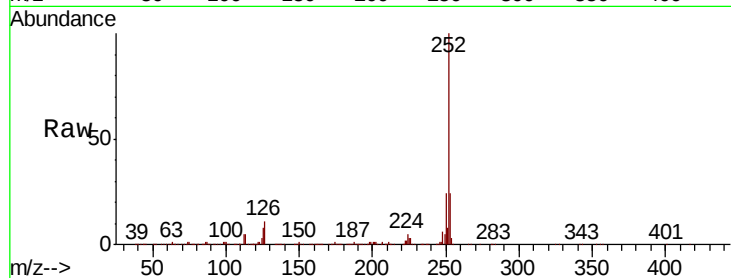
Tot Ion:252 Resp: 1462195

Ion Ratio Lower Upper

252 100

253 24.0 18.5 27.7

125 8.4 6.2 9.2



#90

Benzo(a)pyrene

Concen: 42.906 ng

RT: 24.75 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

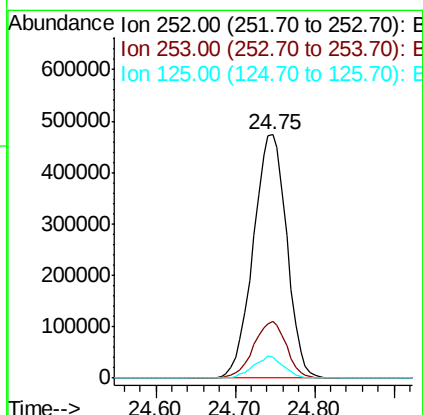
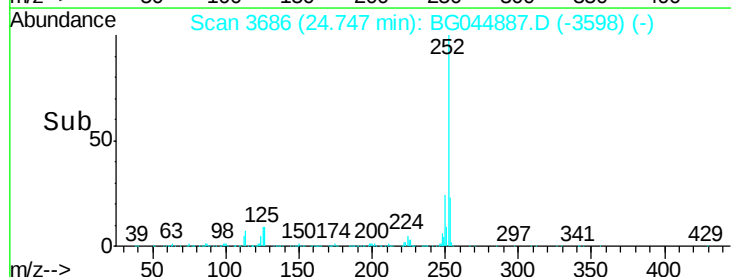
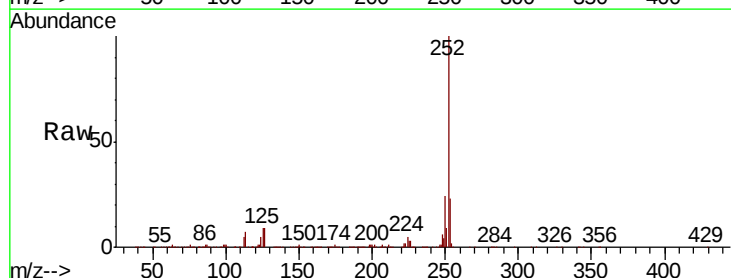
Tgt Ion:252 Resp: 1389698

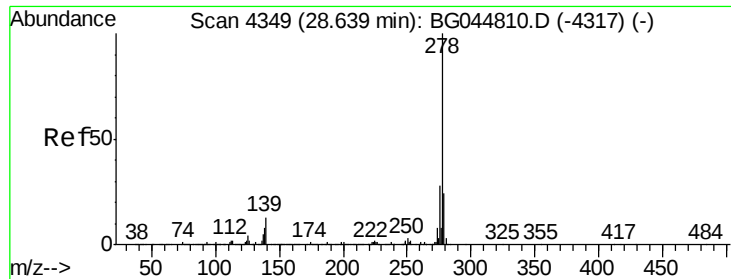
Ion Ratio Lower Upper

252 100

253 23.0 19.4 29.0

125 8.7 7.2 10.8





#91

Dibenzo(a,h)anthracene

Concen: 45.487 ng

RT: 28.61 min Scan# 4344

Delta R.T. -0.03 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

ClientSampleId :

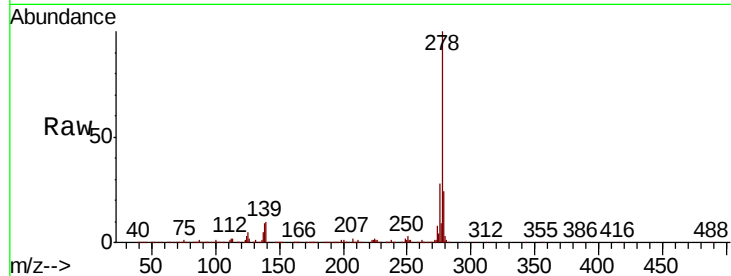
Tot Ion:278 Resp: 1453513

Ion Ratio Lower Upper

278 100

139 10.0 10.2 15.2#

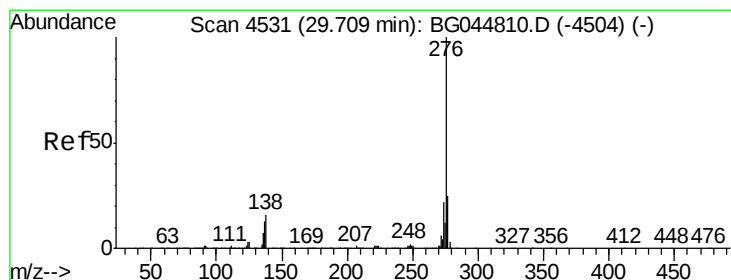
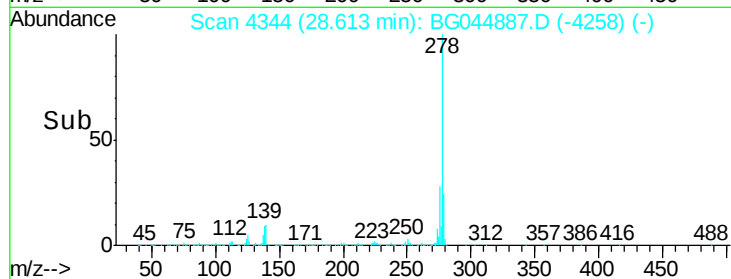
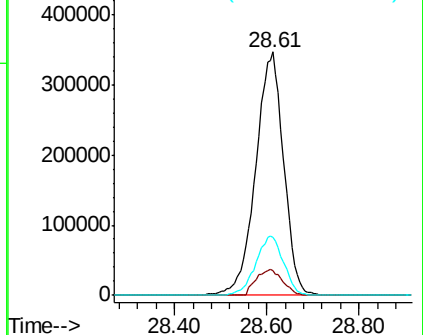
279 23.6 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.142 ng

RT: 29.68 min Scan# 4525

Delta R.T. -0.03 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

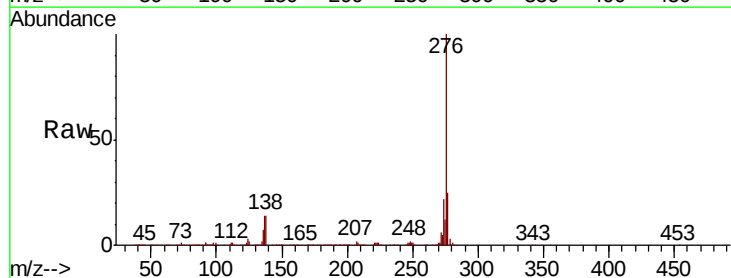
Tgt Ion:276 Resp: 1489669

Ion Ratio Lower Upper

276 100

277 24.9 20.1 30.1

138 14.4 13.0 19.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

