

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
 Data File : BG044817.D
 Acq On : 16 Mar 2020 17:38
 Operator : CG/JU
 Sample : L1912-17MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 16 18:21:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	87318	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	351105	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	249803	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	605132	20.00	ng	0.00
76) Chrysene-d12	21.70	240	519120	20.00	ng	0.00
87) Perylene-d12	24.91	264	611550	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	571280	101.85	ng	0.00
7) Phenol-d6	7.20	99	794351	97.47	ng	0.00
23) Nitrobenzene-d5	9.21	82	510556	63.81	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	363006	110.98	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1042558	59.77	ng	0.00
79) Terphenyl-d14	20.04	244	1760871	63.45	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	88817	32.881	ng	98
3) Pyridine	3.91	79	231745	28.981	ng	97
4) n-Nitrosodimethylamine	3.82	42	112080	36.942	ng	# 94
6) Aniline	7.37	93	200727	19.794	ng	99
8) 2-Chlorophenol	7.62	128	254565	45.463	ng	98
9) Benzaldehyde	7.17	77	197168	39.627	ng	97
10) Phenol	7.23	94	346879	42.992	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	251705	39.089	ng	95
12) 1,3-Dichlorobenzene	7.94	146	273785	39.692	ng	96
13) 1,4-Dichlorobenzene	8.09	146	273047	40.041	ng	99
14) 1,2-Dichlorobenzene	8.41	146	252864	39.098	ng	98
15) Benzyl Alcohol	8.28	79	265466	40.598	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	382717	33.679	ng	99
17) 2-Methylphenol	8.49	107	236814	43.329	ng	96
18) Hexachloroethane	9.14	117	104962	39.096	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	214675	37.305	ng	98
20) 3+4-Methylphenols	8.81	107	323857	42.985	ng	96
22) Acetophenone	8.87	105	386359	38.843	ng	99
24) Nitrobenzene	9.25	77	324883	39.132	ng	97
25) Isophorone	9.78	82	598648	38.336	ng	99
26) 2-Nitrophenol	9.97	139	138551	48.062	ng	98
27) 2,4-Dimethylphenol	10.02	122	235072	46.225	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	342257	36.725	ng	99
29) 2,4-Dichlorophenol	10.50	162	256036	43.105	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	274835	38.696	ng	94
31) Naphthalene	10.91	128	765800	39.374	ng	99
32) Benzoic acid	10.15	122	162018	42.327	ng	98
33) 4-Chloroaniline	11.01	127	98066	11.191	ng	96
34) Hexachlorobutadiene	11.21	225	181914	38.949	ng	97
35) Caprolactam	11.77	113	56076	24.935	ng	95
36) 4-Chloro-3-methylphenol	12.13	107	301222	42.520	ng	97
37) 2-Methylnaphthalene	12.52	142	566999	38.972	ng	98
38) 1-Methylnaphthalene	12.73	142	543421	39.730	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	304856	37.057	ng	98

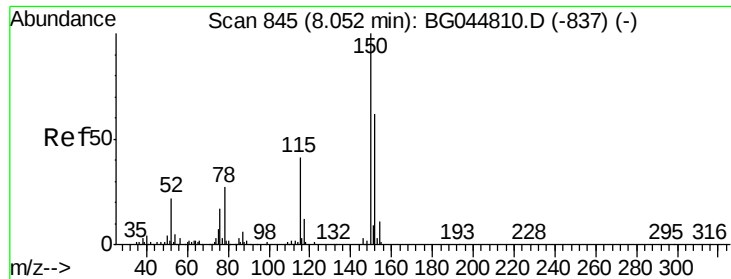
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	419513	93.308	ng	100
43) 2,4,6-Trichlorophenol	13.11	196	231139	42.335	ng	100
44) 2,4,5-Trichlorophenol	13.19	196	247086	43.639	ng	98
46) 1,1'-Biphenyl	13.52	154	728388	36.488	ng	100
47) 2-Chloronaphthalene	13.56	162	558176	36.603	ng	98
48) 2-Nitroaniline	13.75	65	215781	40.418	ng	97
49) Acenaphthylene	14.41	152	946824	39.632	ng	99
50) Dimethylphthalate	14.14	163	907801	45.628	ng	99
51) 2,6-Dinitrotoluene	14.24	165	180262	44.949	ng	97
52) Acenaphthene	14.75	154	688930	44.032	ng	99
53) 3-Nitroaniline	14.57	138	81724	17.725	ng	87
54) 2,4-Dinitrophenol	14.78	184	198518	93.198	ng	93
55) Dibenzofuran	15.08	168	906490	39.953	ng	98
56) 4-Nitrophenol	14.88	139	325025	92.368	ng	96
57) 2,4-Dinitrotoluene	15.04	165	251630	45.750	ng	100
58) Fluorene	15.73	166	751709	40.275	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	245886	47.169	ng	97
60) Diethylphthalate	15.51	149	830551	40.025	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	406450	40.443	ng	99
62) 4-Nitroaniline	15.74	138	192903	39.236	ng	97
63) Azobenzene	16.02	77	839699	38.967	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	144901	50.420	ng	99
66) n-Nitrosodiphenylamine	15.94	169	692265	37.998	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	290948	38.460	ng	99
68) Hexachlorobenzene	16.74	284	313125	38.152	ng	99
69) Atrazine	16.89	200	288875	43.278	ng	98
70) Pentachlorophenol	17.08	266	404723	89.625	ng	99
71) Phenanthrene	17.47	178	1270697	39.295	ng	99
72) Anthracene	17.56	178	1300206	40.776	ng	97
73) Carbazole	17.83	167	1226916	40.057	ng	99
74) Di-n-butylphthalate	18.40	149	1470538	39.495	ng	99
75) Fluoranthene	19.48	202	1540232	40.003	ng	100
77) Benzidine	19.65	184	400831	23.784	ng	99
78) Pyrene	19.84	202	1533645	40.268	ng	99
80) Butylbenzylphthalate	20.73	149	653032	38.541	ng	100
81) Benzo(a)anthracene	21.68	228	1467265	39.252	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	288126	19.924	ng	98
83) Chrysene	21.75	228	1379798	38.642	ng	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	913703	39.073	ng	96
85) Di-n-octyl phthalate	22.82	149	1564934	39.992	ng	100
86) Indeno(1,2,3-cd)pyrene	28.57	276	1864321	39.825	ng	# 93
88) Benzo(b)fluoranthene	23.90	252	1538363	38.104	ng	98
89) Benzo(k)fluoranthene	23.96	252	1523733	39.881	ng	98
90) Benzo(a)pyrene	24.76	252	1434252	37.966	ng	97
91) Dibenzo(a,h)anthracene	28.63	278	1513162	40.600	ng	97
92) Benzo(g,h,i)perylene	29.70	276	1533960	40.738	ng	98

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

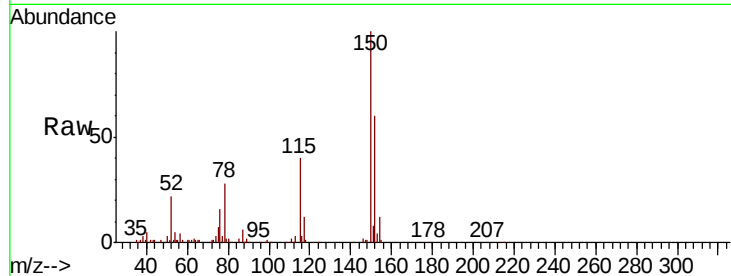


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.7	128.8	193.2
115	66.6	52.6	79.0

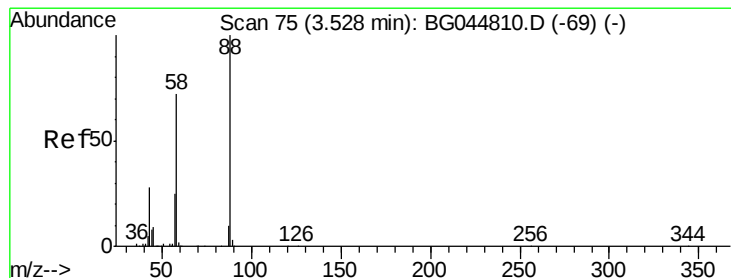
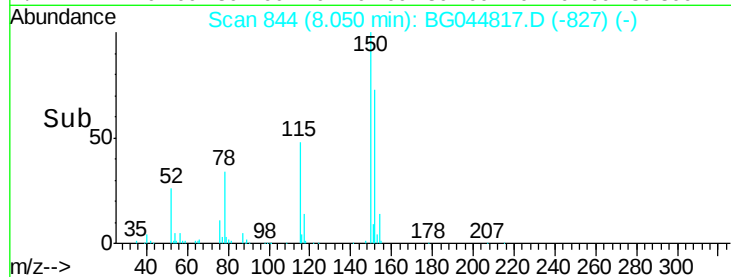
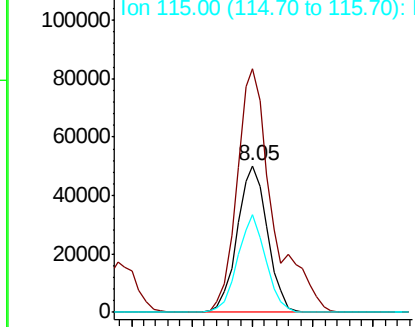


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

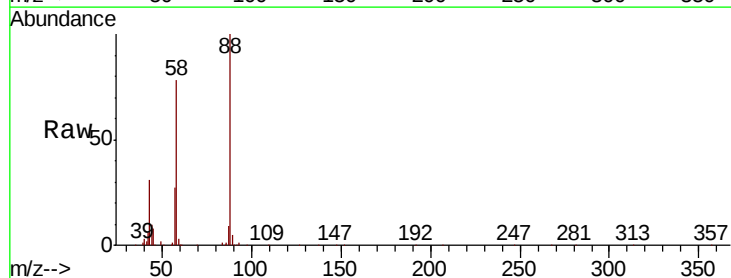
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.881 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.01 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	63.0	94.4
43	30.9	24.8	37.2

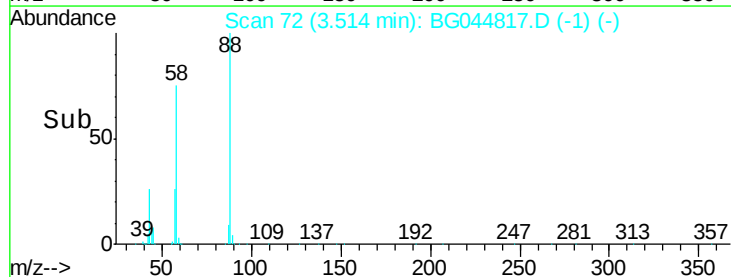
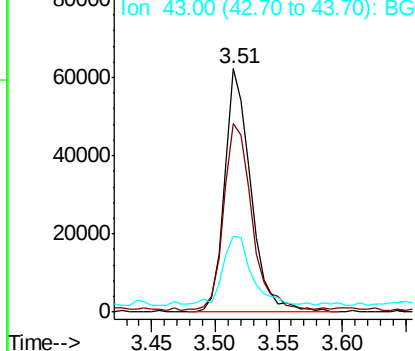


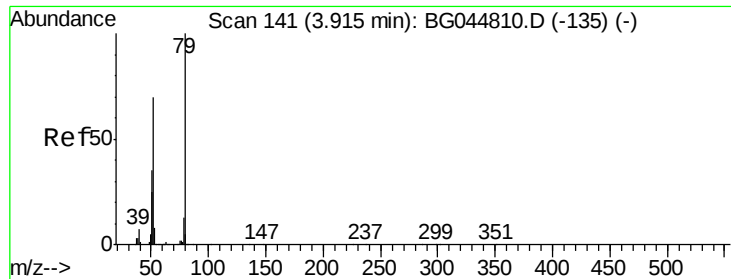
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.981 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Instrument :

BNA_G

ClientSampleId :

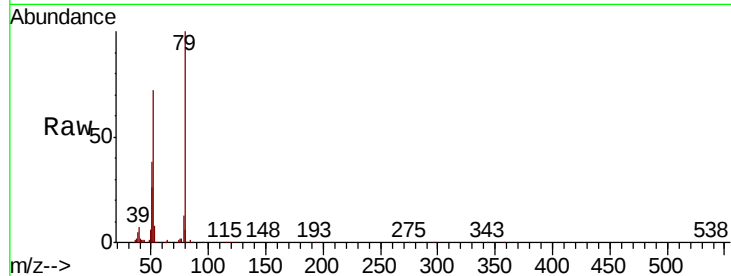
Tot Ion: 79 Resp: 231745

Ion Ratio Lower Upper

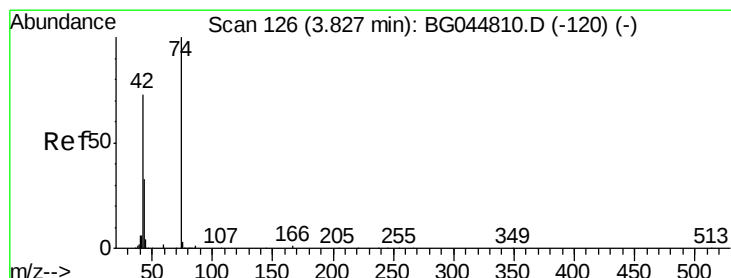
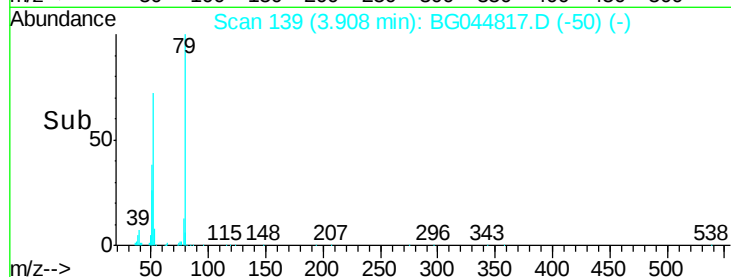
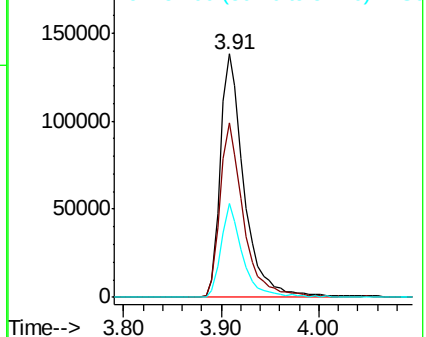
79 100

52 71.6 56.3 84.5

51 38.4 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: 36.942 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

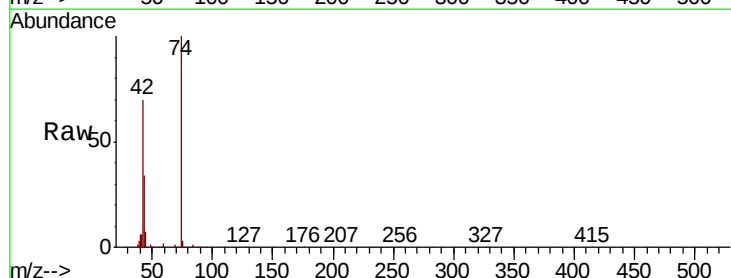
Tgt Ion: 42 Resp: 112080

Ion Ratio Lower Upper

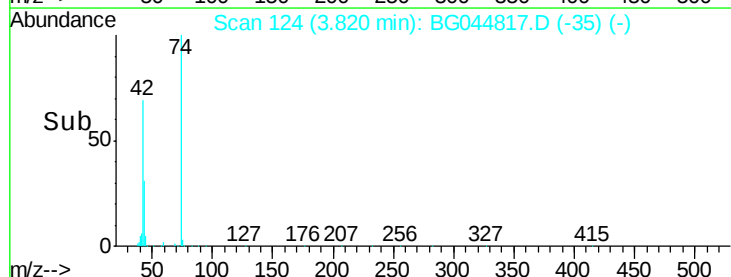
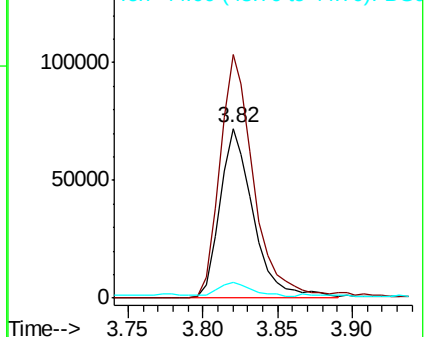
42 100

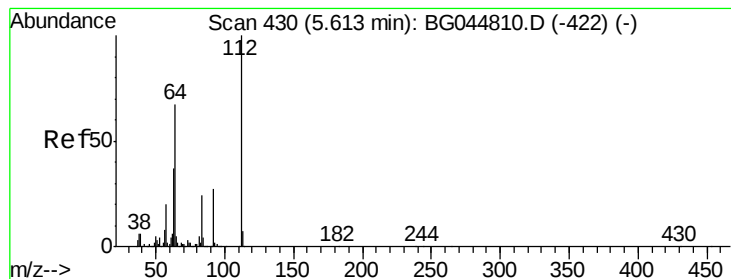
74 143.2 109.1 163.7

44 9.5 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: 101.847 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Instrument :

BNA_G

ClientSampleId :

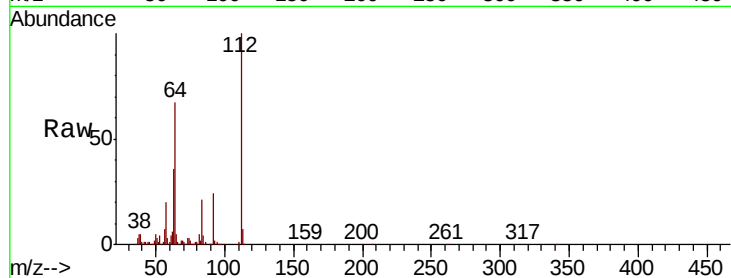
Tot Ion:112 Resp: 571280

Ion Ratio Lower Upper

112 100

64 66.8 53.4 80.2

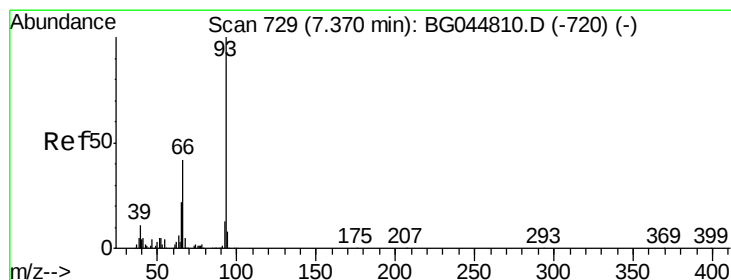
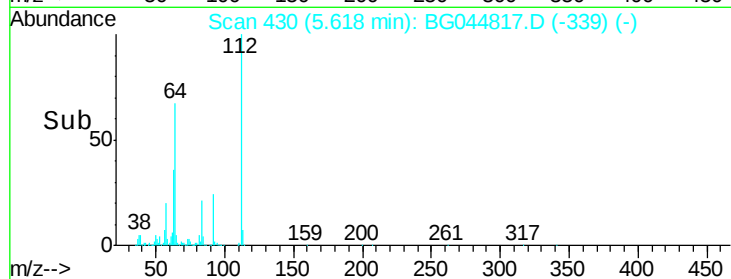
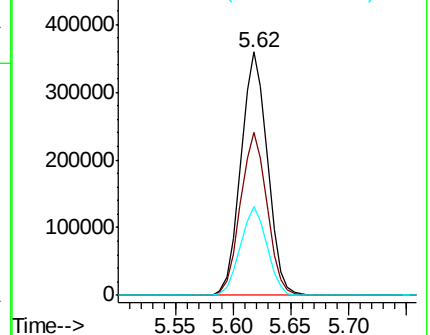
63 36.5 29.4 44.2



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: 19.794 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

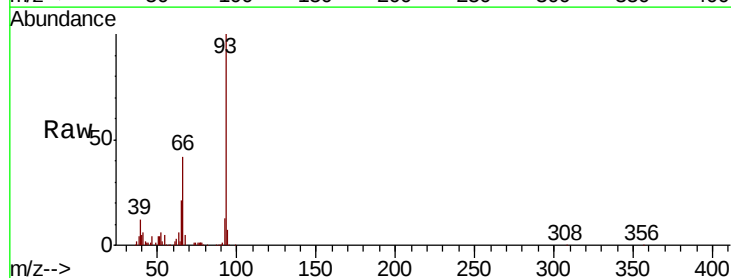
Tgt Ion: 93 Resp: 200727

Ion Ratio Lower Upper

93 100

66 41.8 33.7 50.5

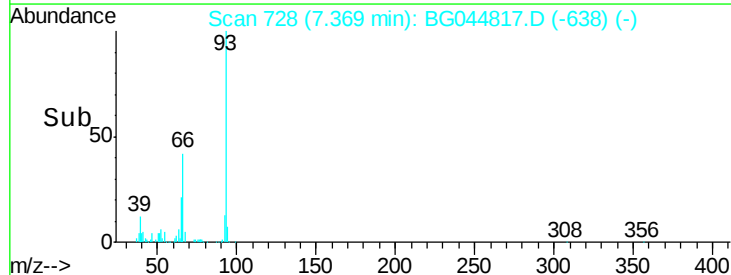
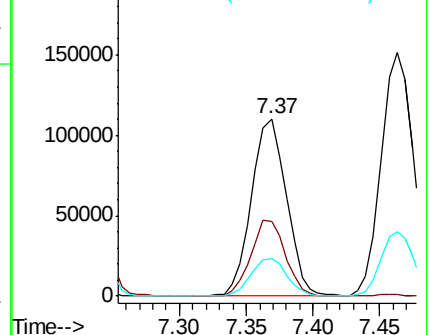
65 21.5 17.7 26.5

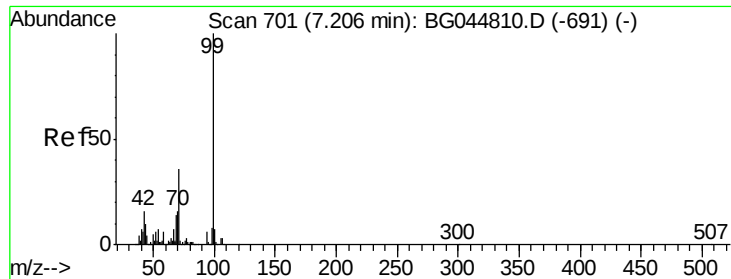


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 97.469 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Instrument :

BNA_G

ClientSampleId :

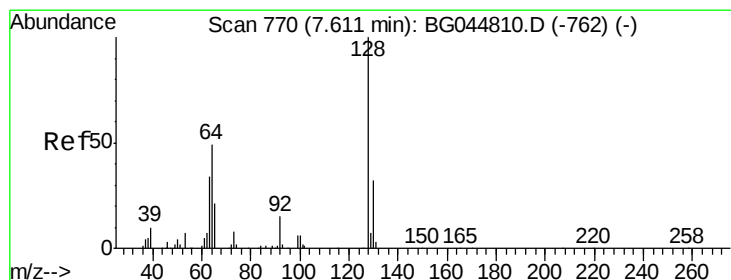
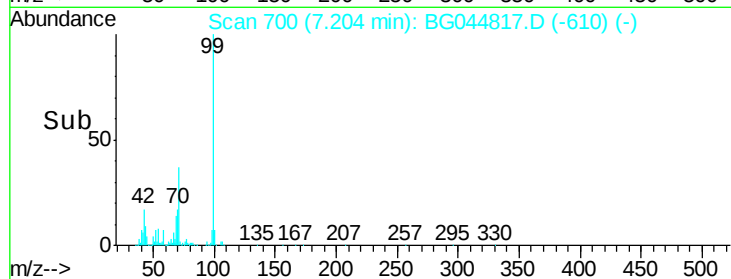
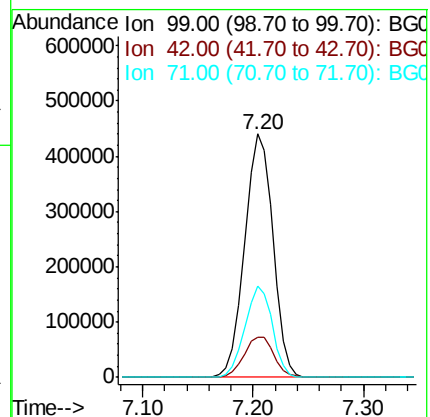
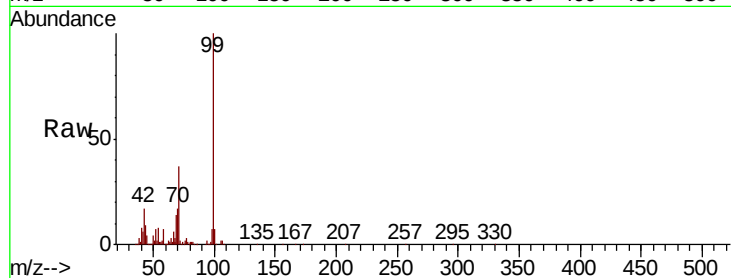
Tot Ion: 99 Resp: 794351

Ion Ratio Lower Upper

99 100

42 16.6 12.6 19.0

71 37.4 29.0 43.4



#8

2-Chlorophenol

Concen: 45.463 ng

RT: 7.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

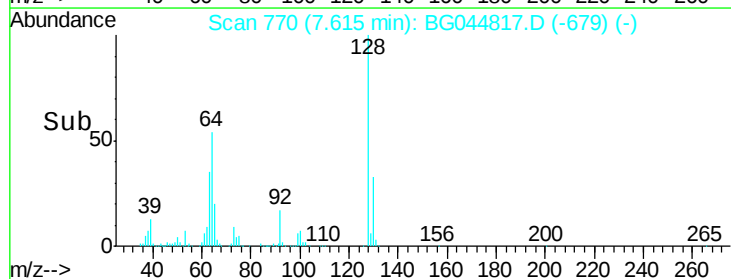
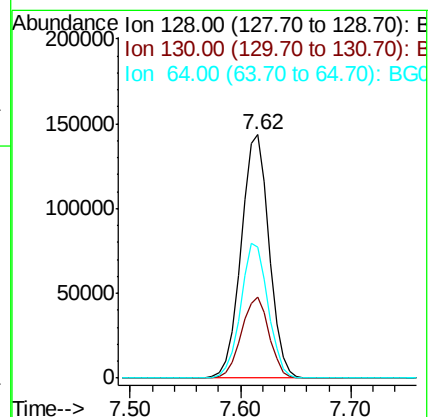
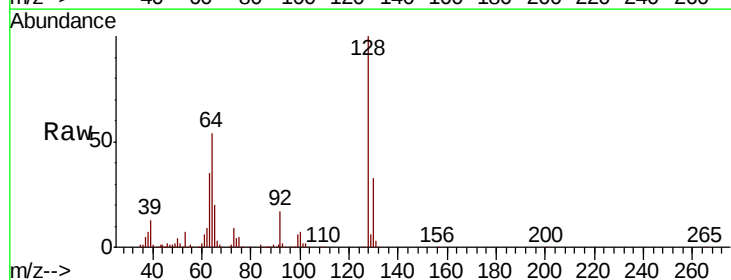
Tgt Ion: 128 Resp: 254565

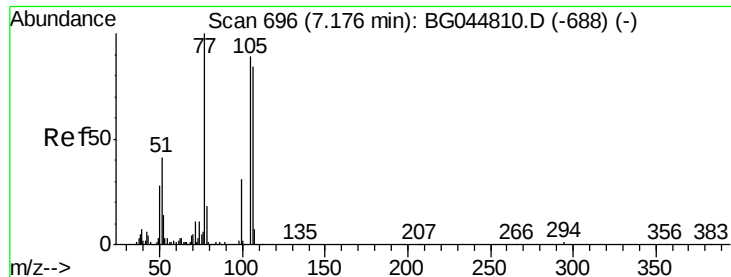
Ion Ratio Lower Upper

128 100

130 33.5 11.6 51.6

64 54.0 34.5 74.5





#9

Benzaldehyde

Concen: 39.627 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Instrument :

BNA_G

ClientSampled :

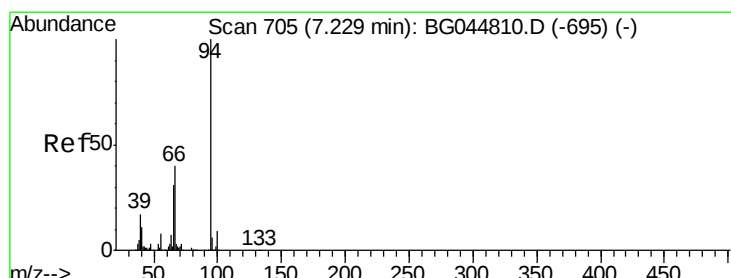
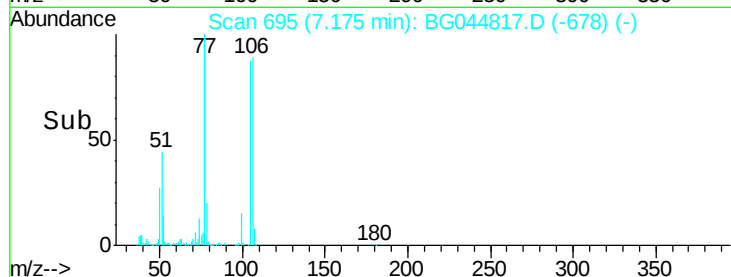
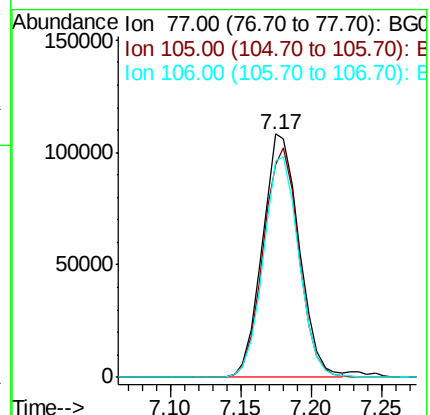
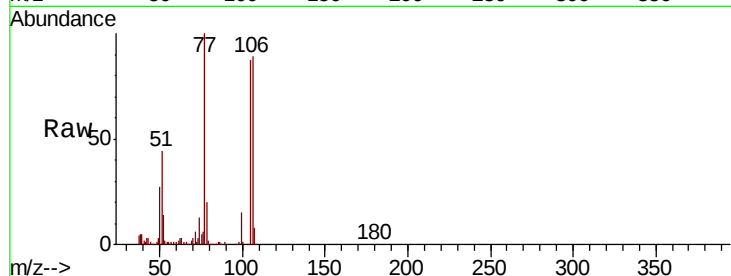
Tot Ion: 77 Resp: 197168

Ion Ratio Lower Upper

77 100

105 87.3 69.3 109.3

106 88.8 64.5 104.5



#10

Phenol

Concen: 42.992 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

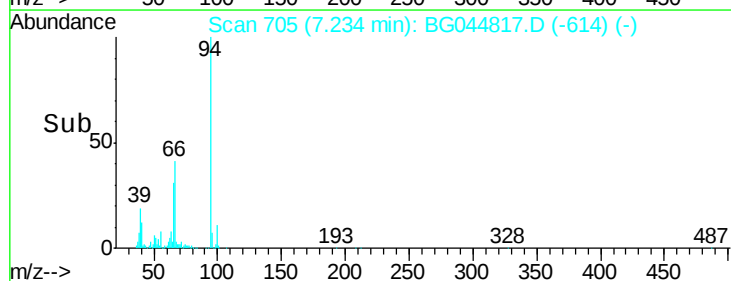
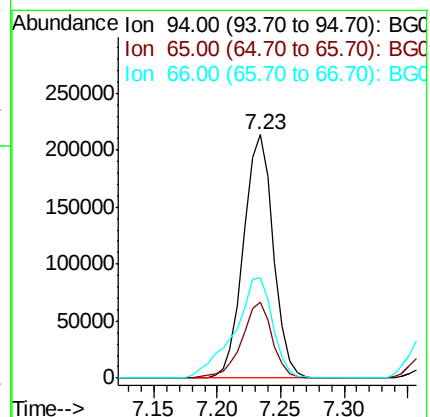
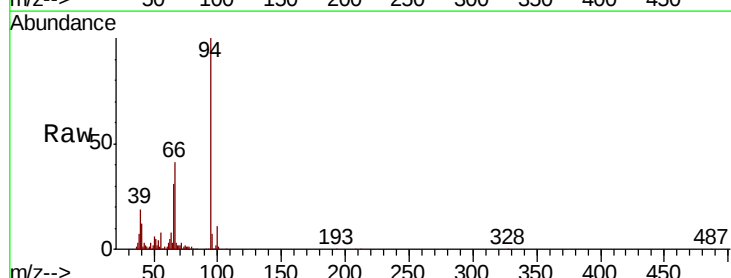
Tgt Ion: 94 Resp: 346879

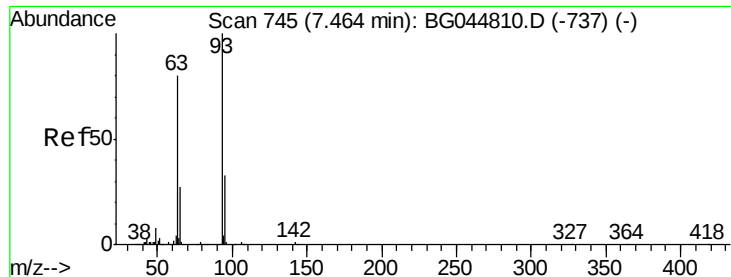
Ion Ratio Lower Upper

94 100

65 30.9 11.0 51.0

66 41.0 20.1 60.1

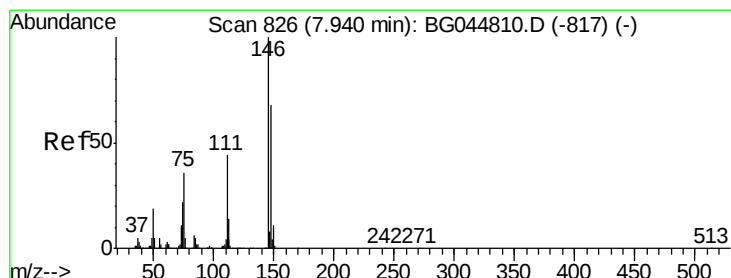
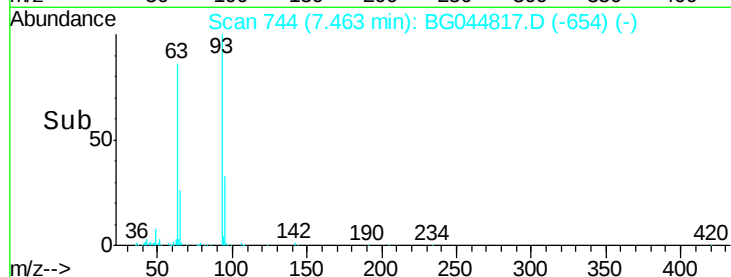
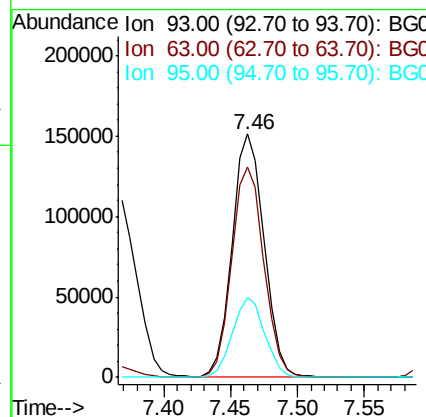
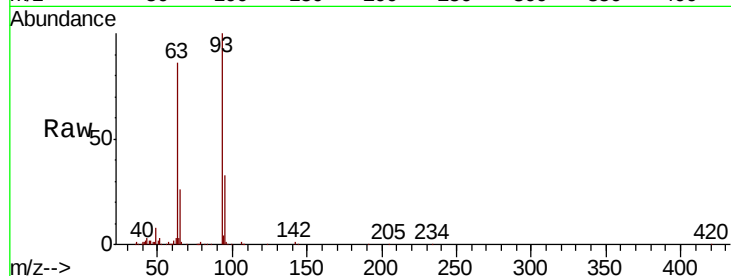




#11
 bis(2-Chloroethyl)ether
 Concen: 39.089 ng
 RT: 7.46 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BG044817.D
 Acq: 16 Mar 2020 17:38

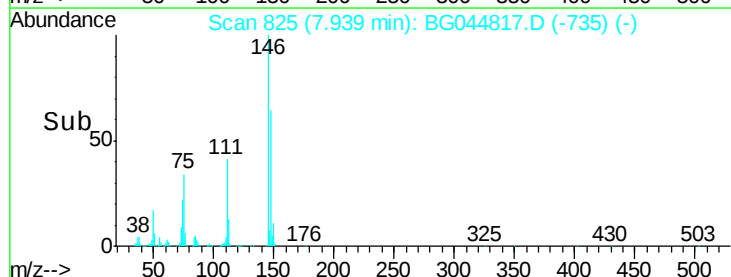
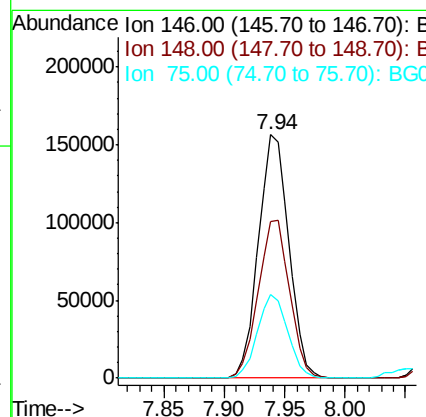
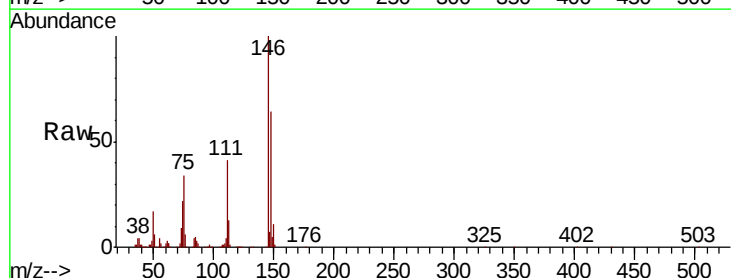
Instrument :
 BNA_G
 ClientSampleId :

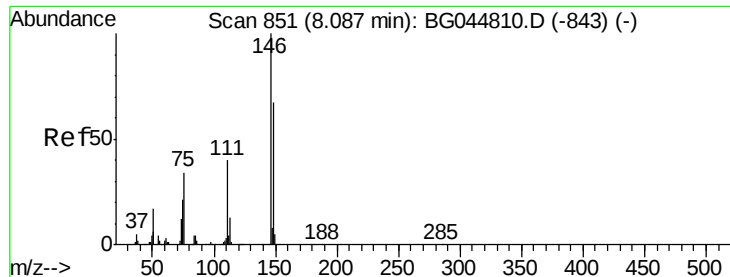
Tot Ion	Ratio	Lower	Upper
93	100		
63	86.2	59.7	99.7
95	33.0	13.1	53.1



#12
 1,3-Dichlorobenzene
 Concen: 39.692 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BG044817.D
 Acq: 16 Mar 2020 17:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	54.2	81.4
75	34.1	28.6	42.8

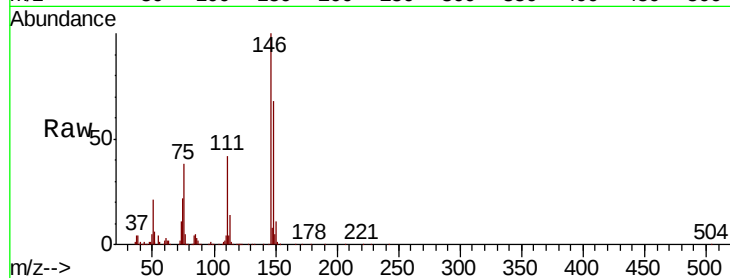




#13
 1,4-Dichlorobenzene
 Concen: 40.041 ng
 RT: 8.09 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BG044817.D
 Acq: 16 Mar 2020 17:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.6	53.8	80.6
111	41.8	32.0	48.0

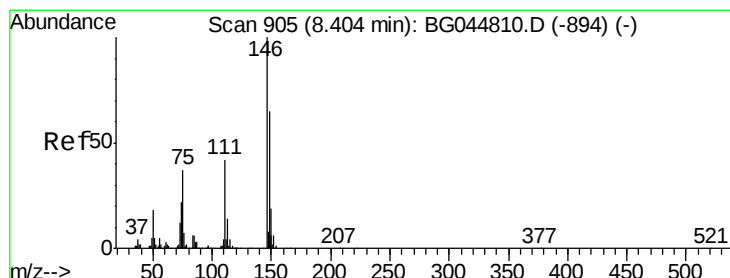
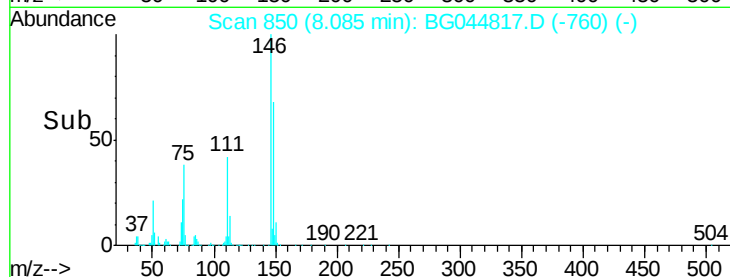
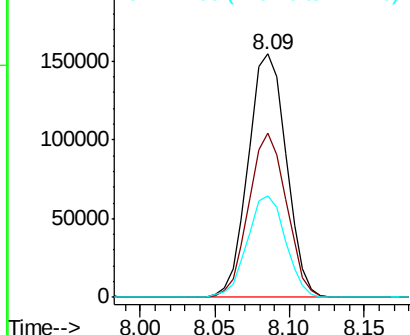


Abundance

Ion 146.00 (145.70 to 146.70): E

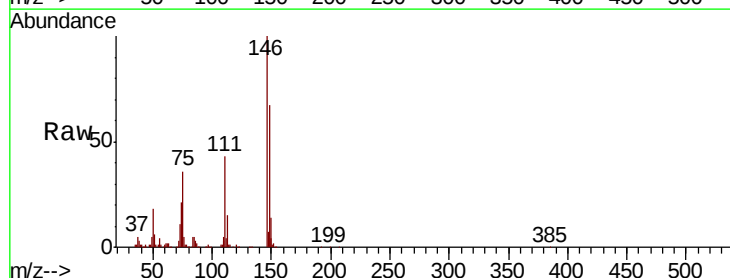
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.098 ng
 RT: 8.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BG044817.D
 Acq: 16 Mar 2020 17:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	52.1	78.1
111	43.4	33.4	50.2

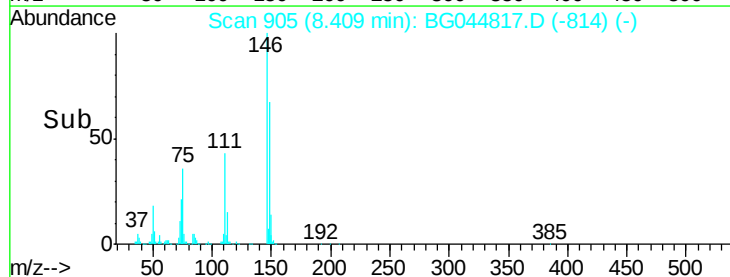
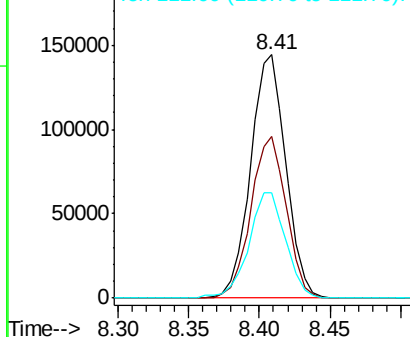


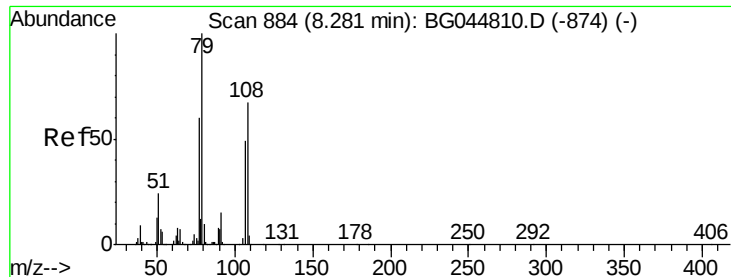
Abundance

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: 40.598 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Instrument :

BNA_G

ClientSampleId :

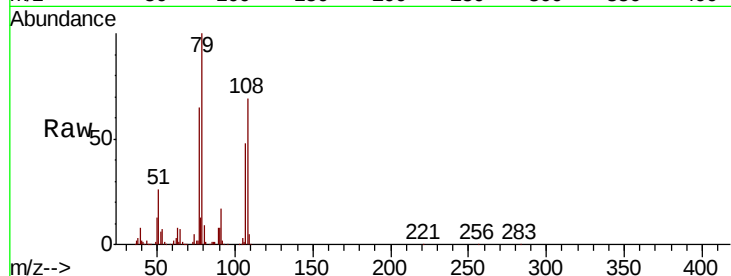
Tot Ion: 79 Resp: 265466

Ion Ratio Lower Upper

79 100

108 69.3 53.8 80.8

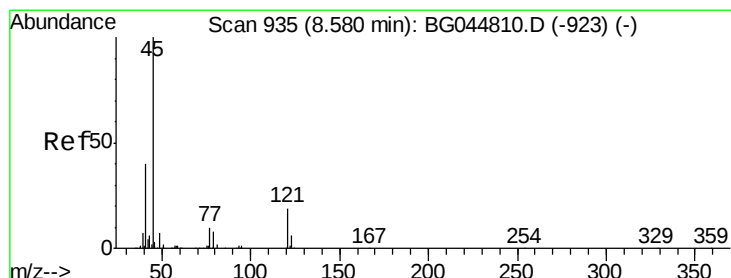
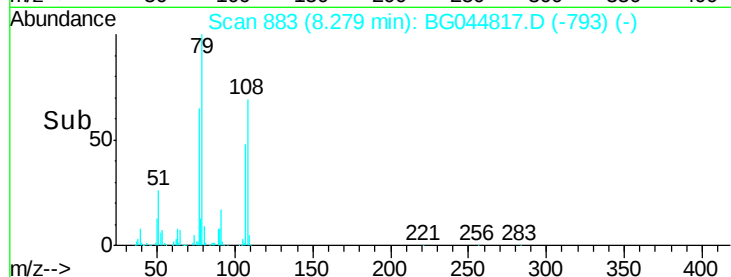
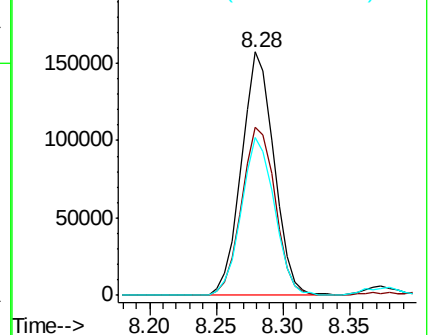
77 64.7 47.8 71.8



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: 33.679 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

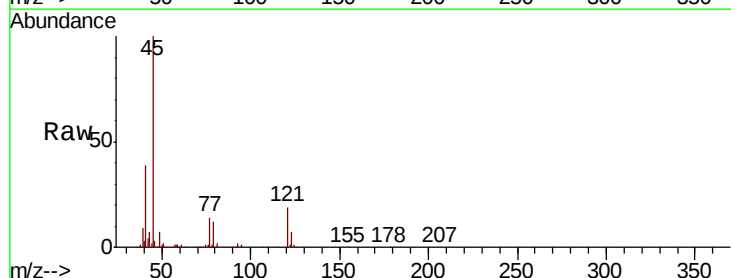
Tgt Ion: 45 Resp: 382717

Ion Ratio Lower Upper

45 100

77 14.0 0.0 33.9

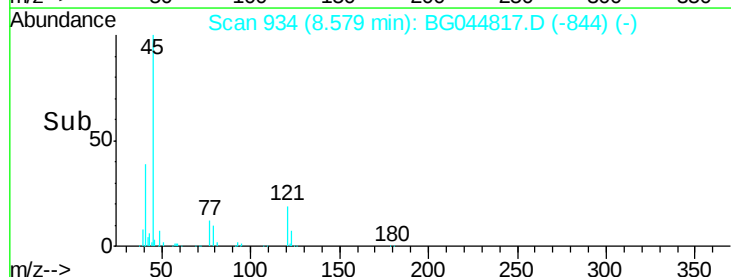
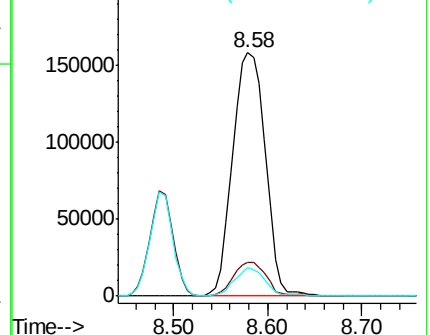
79 11.6 0.0 30.8

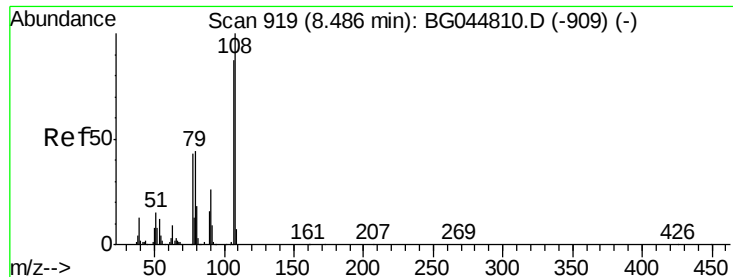


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 43.329 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 236814

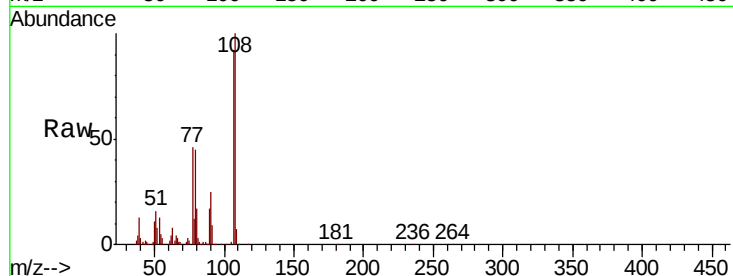
Ion Ratio Lower Upper

107 100

108 108.5 91.8 137.8

77 49.5 40.0 60.0

79 48.7 40.2 60.2

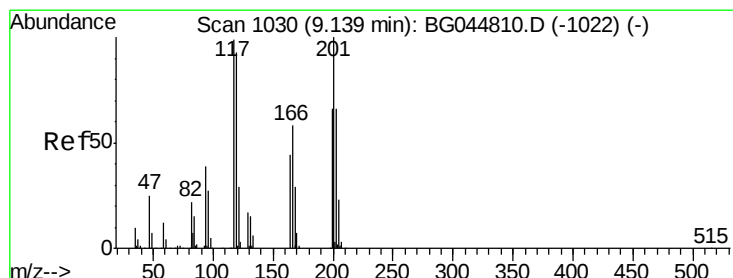
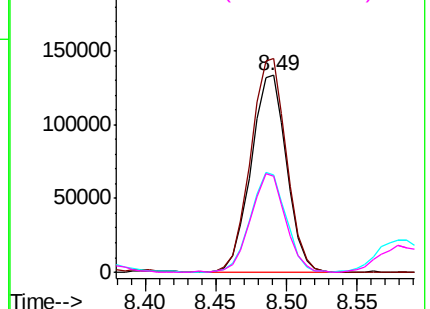
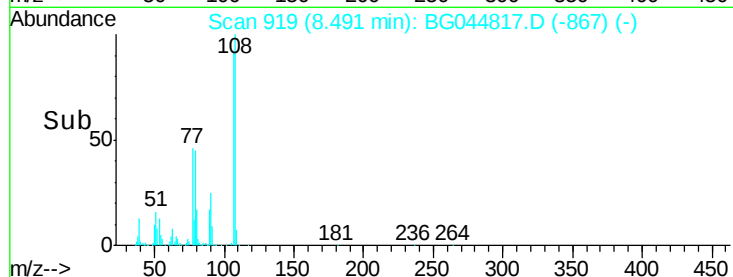


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.096 ng

RT: 9.14 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

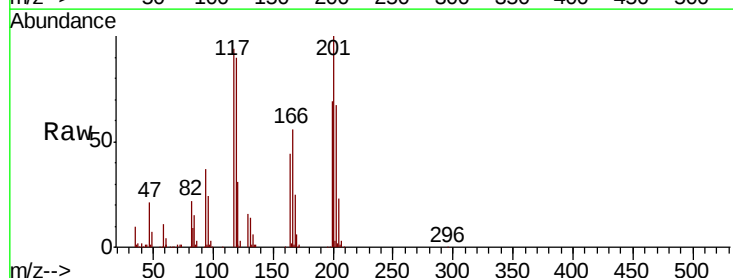
Tgt Ion:117 Resp: 104962

Ion Ratio Lower Upper

117 100

119 96.0 75.2 112.8

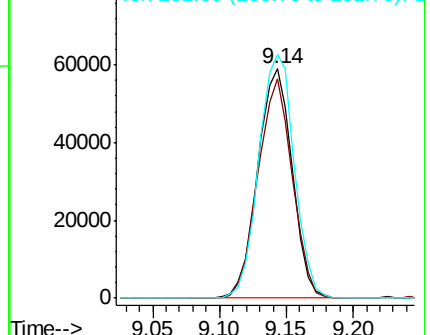
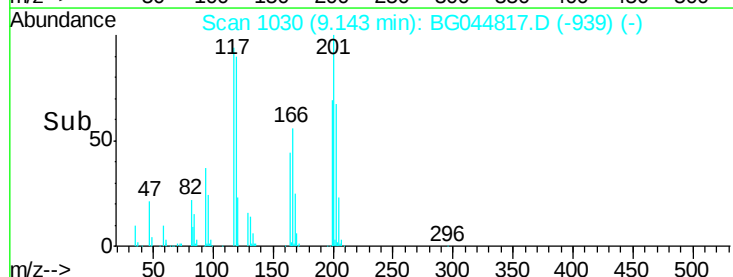
201 106.3 81.1 121.7

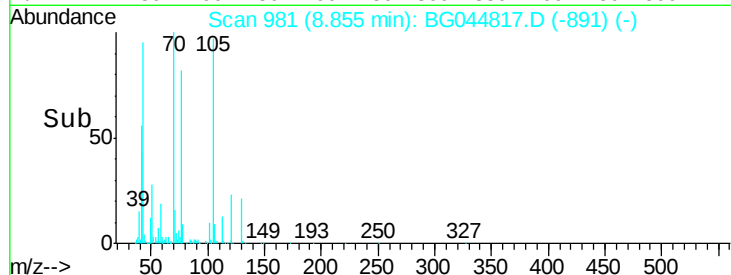
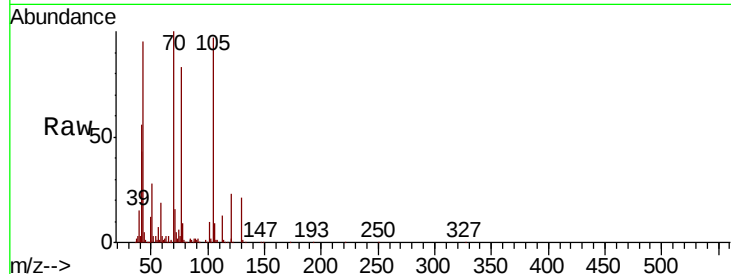
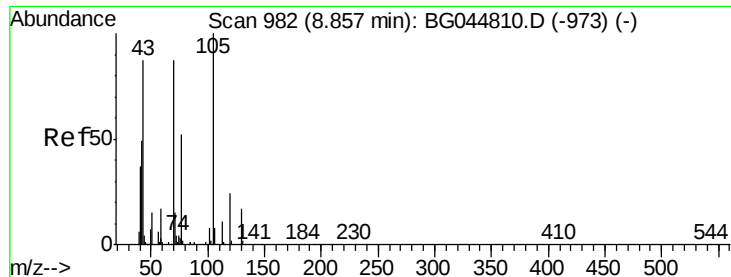


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

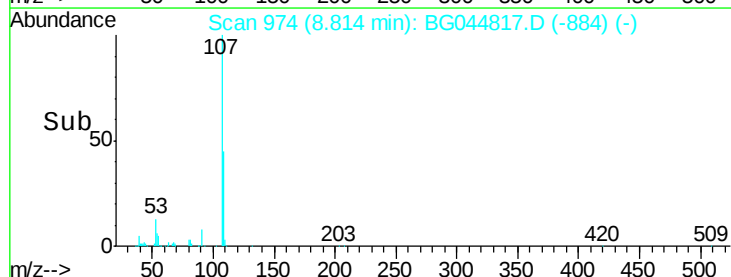
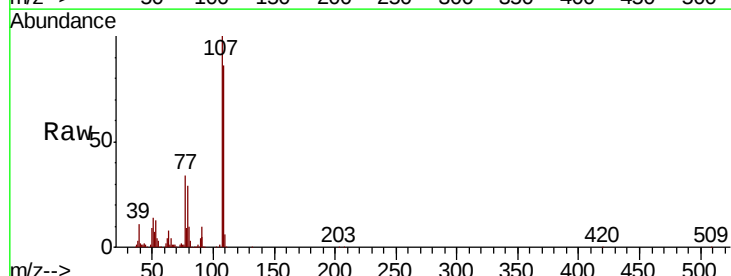
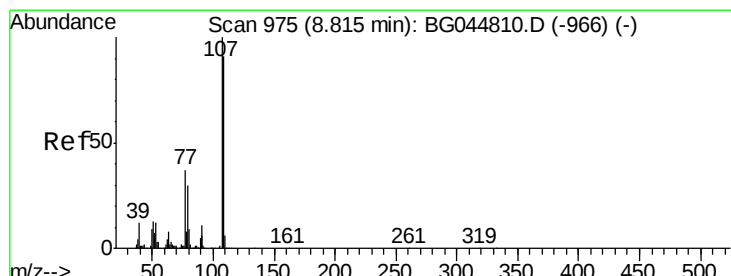
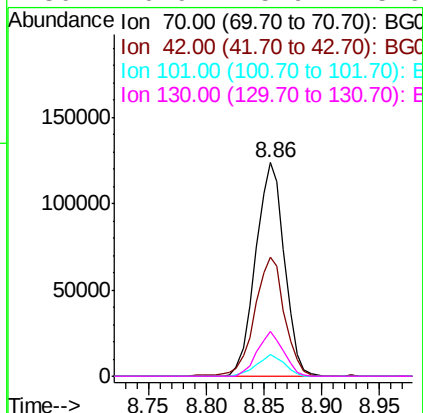




#19
n-Nitroso-di-n-propylamine
Concen: 37.305 ng
RT: 8.86 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

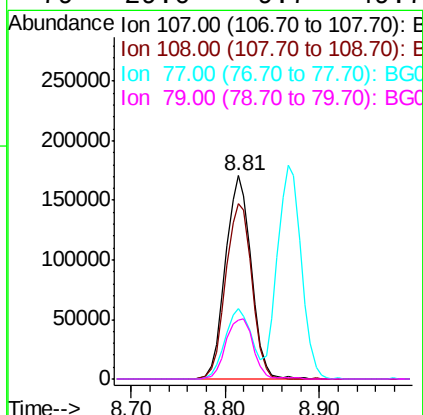
Instrument :
BNA_G
ClientSampleId :

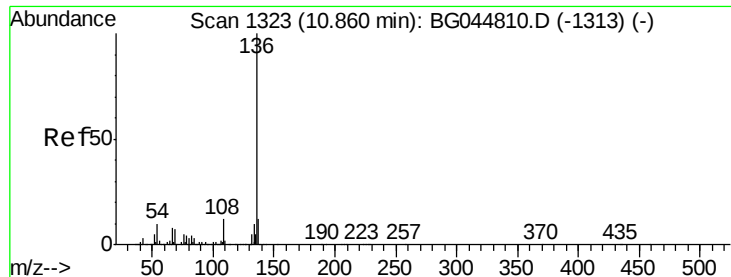
Tot Ion:	70	Resp:	214675
Ion	Ratio	Lower	Upper
70	100		
42	55.9	45.7	68.5
101	10.0	7.4	11.2
130	20.9	15.9	23.9



#20
3+4-Methylphenols
Concen: 42.985 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

Tgt Ion:	107	Resp:	323857
Ion	Ratio	Lower	Upper
107	100		
108	86.1	71.3	111.3
77	34.4	16.9	56.9
79	29.0	9.7	49.7

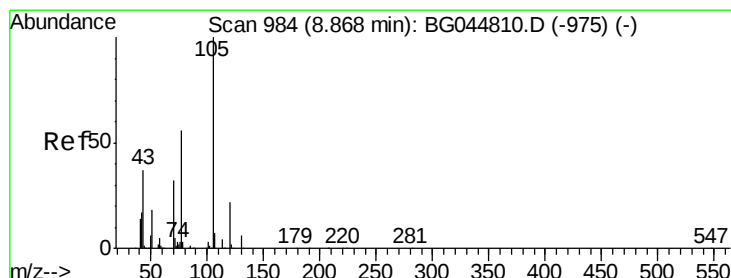
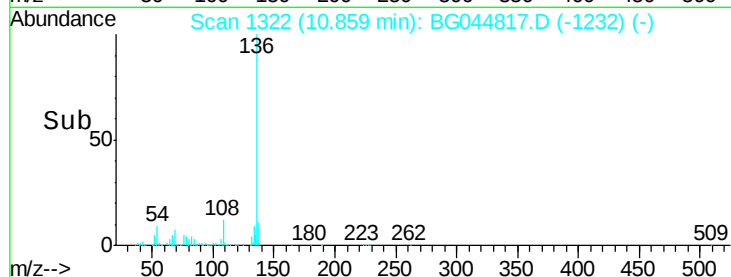
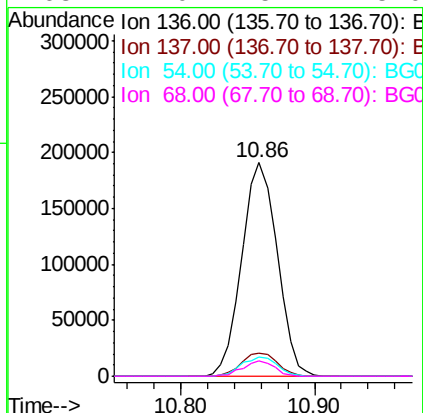
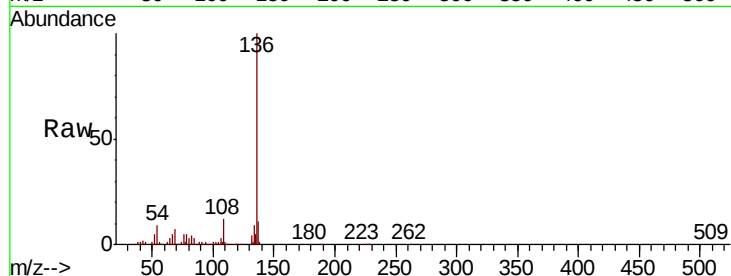




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

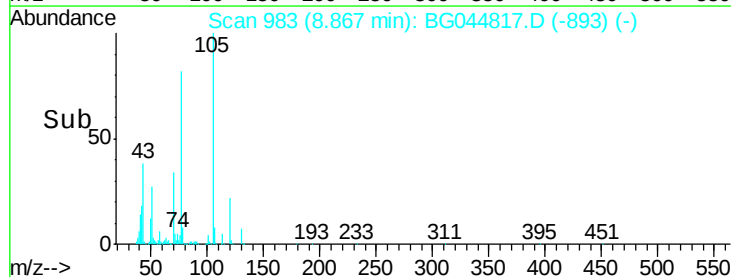
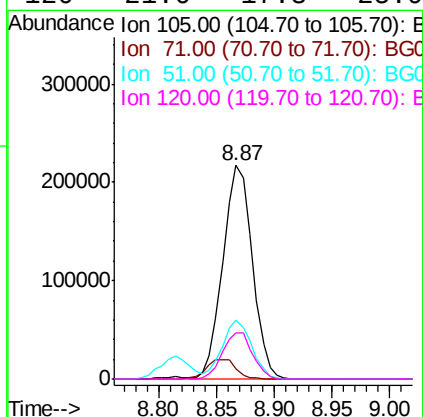
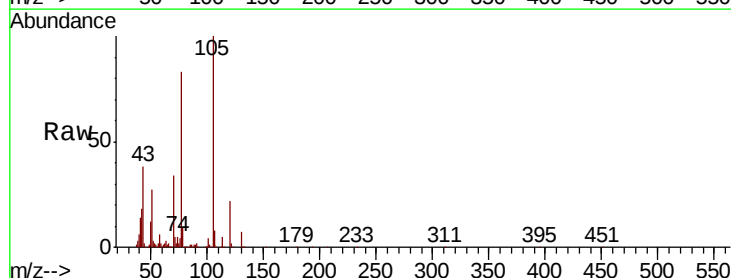
Instrument :
BNA_G
ClientSampleId :

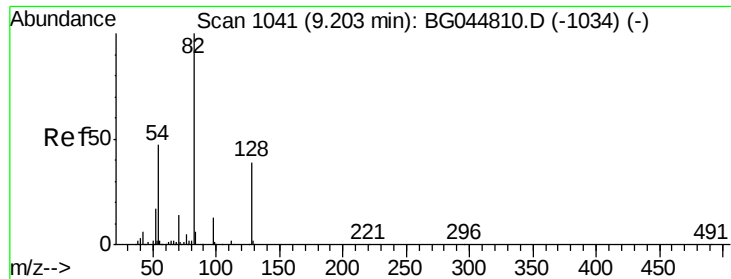
Tot Ion:136	Resp:	351105
Ion Ratio	Lower	Upper
136 100		
137 10.8	9.8	14.6
54 9.3	7.9	11.9
68 7.0	5.4	8.0



#22
Acetophenone
Concen: 38.843 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

Tgt	Ion:105	Resp:	386359
Ion	Ratio	Lower	Upper
105	100		
71	5.0	3.9	5.9
51	27.3	22.6	33.8
120	21.6	17.3	25.9

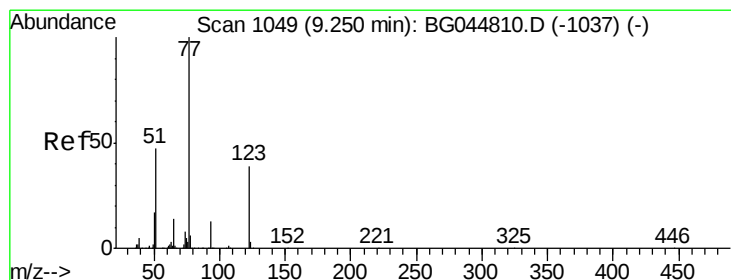
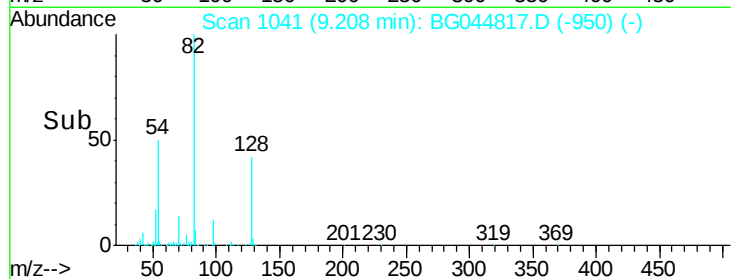
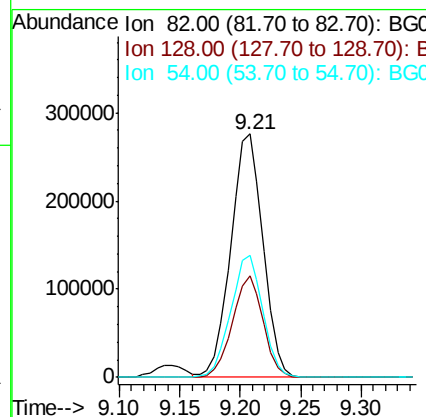
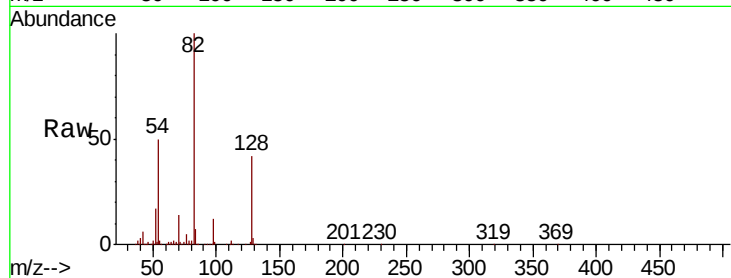




#23
 Nitrobenzene-d5
 Concen: 63.810 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG044817.D
 Acq: 16 Mar 2020 17:38

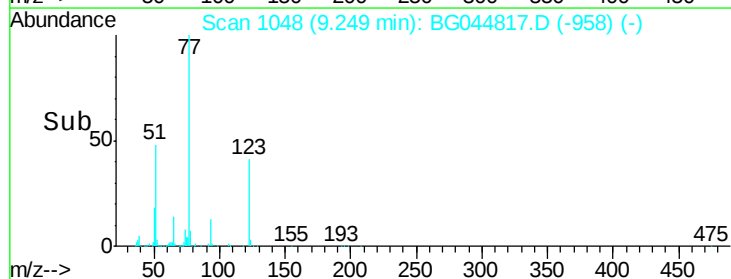
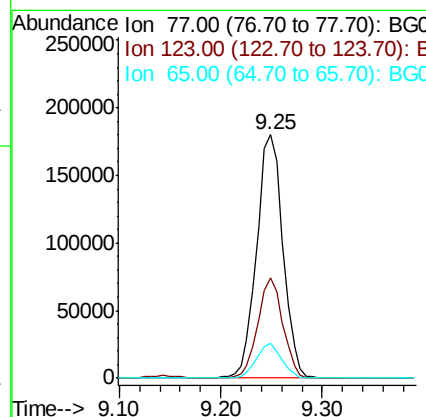
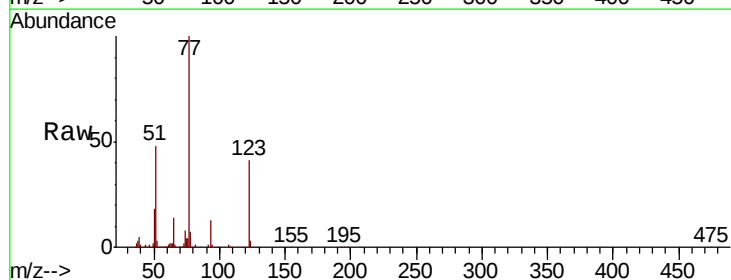
Instrument :
 BNA_G
 ClientSampleId :

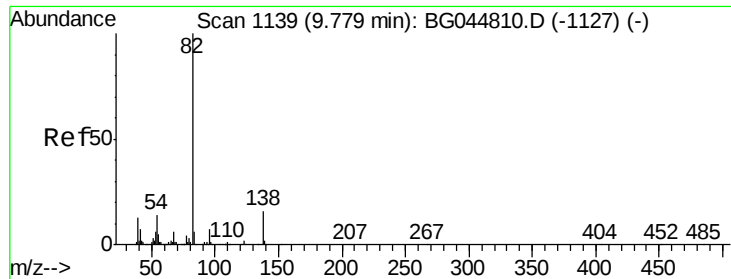
Tot Ion	82	Resp	510556
Ion Ratio	Lower	Upper	
82	100		
128	41.6	30.6	46.0
54	49.9	37.1	55.7



#24
 Nitrobenzene
 Concen: 39.132 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG044817.D
 Acq: 16 Mar 2020 17:38

Tgt Ion	77	Resp	324883
Ion Ratio	Lower	Upper	
77	100		
123	41.4	31.3	46.9
65	14.5	11.4	17.0





#25

Isophorone

Concen: 38.336 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Instrument :

BNA_G

ClientSampleId :

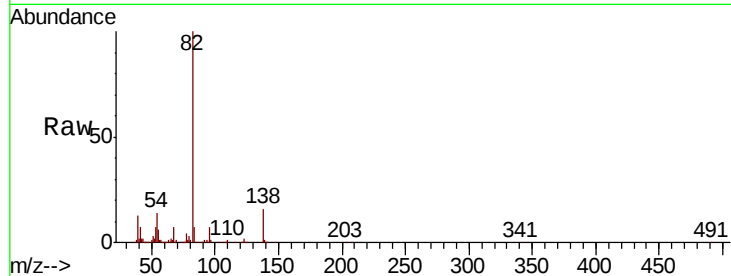
Tot Ion: 82 Resp: 598648

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

138 16.2 12.5 18.7

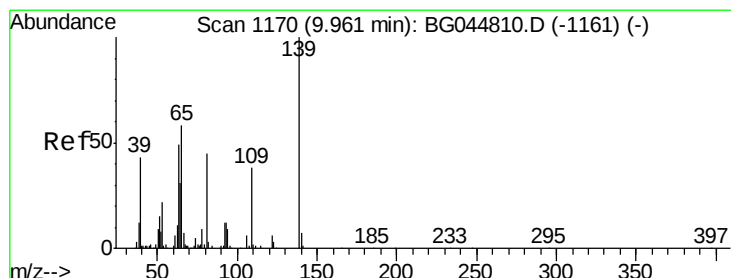
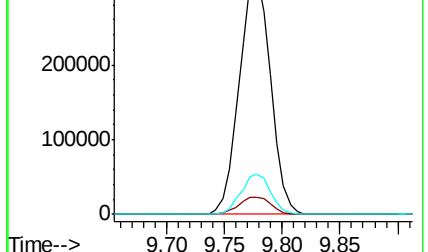
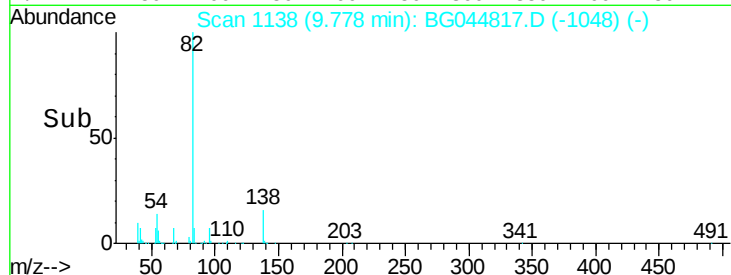


Abundance Ion 82.00 (81.70 to 82.70): BG044817.D (-1048) (-)

Ion 95.00 (94.70 to 95.70): BG044817.D (-1048) (-)

Ion 138.00 (137.70 to 138.70): BG044817.D (-1048) (-)

Time-->



#26

2-Nitrophenol

Concen: 48.062 ng

RT: 9.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

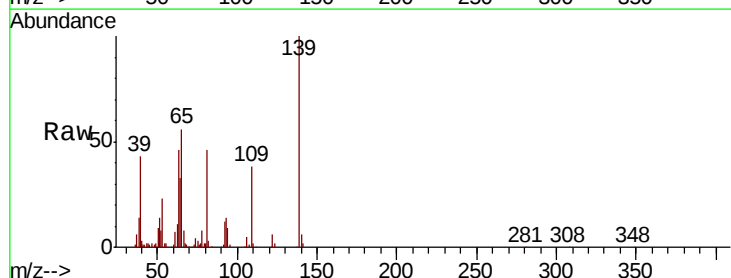
Tgt Ion: 139 Resp: 138551

Ion Ratio Lower Upper

139 100

109 38.4 30.2 45.4

65 56.2 46.3 69.5

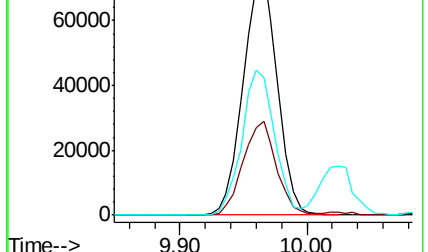
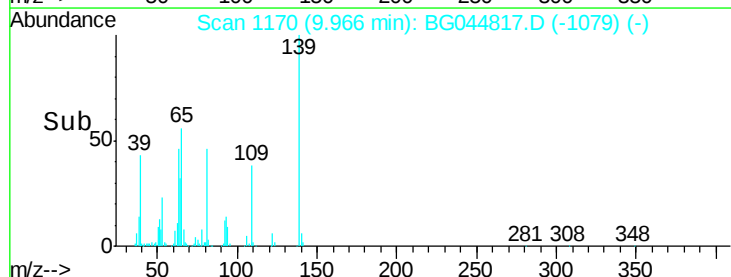


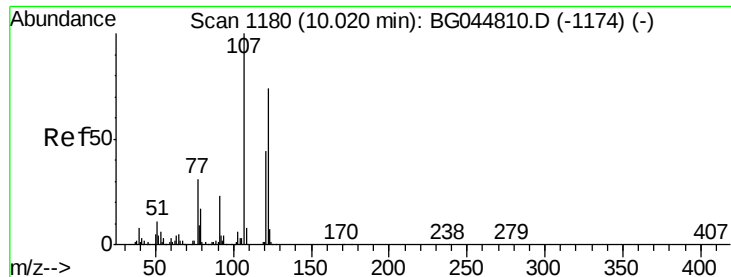
Abundance Ion 139.00 (138.70 to 139.70): BG044817.D (-1079) (-)

Ion 109.00 (108.70 to 109.70): BG044817.D (-1079) (-)

Ion 65.00 (64.70 to 65.70): BG044817.D (-1079) (-)

Time-->

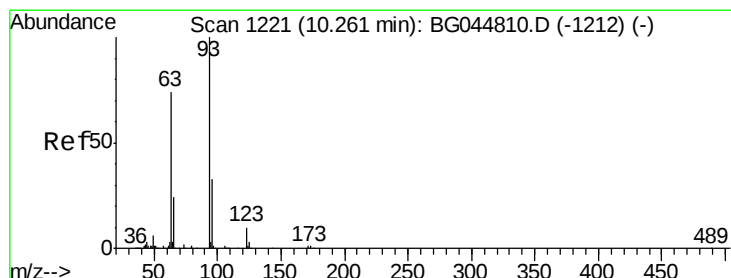
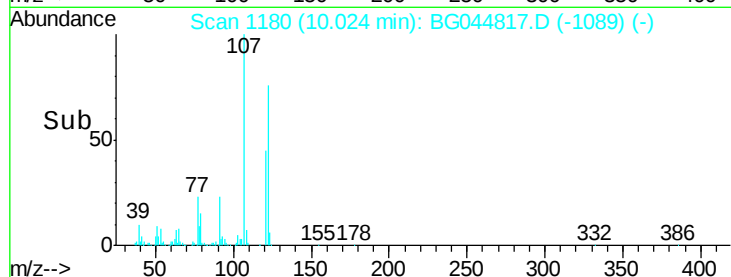
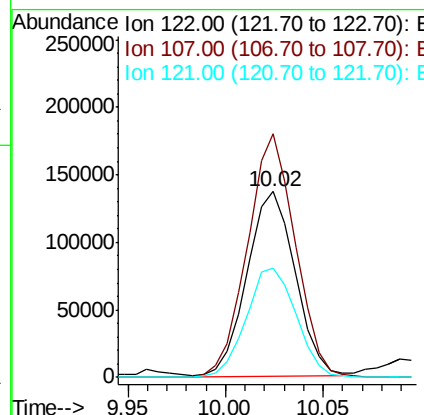
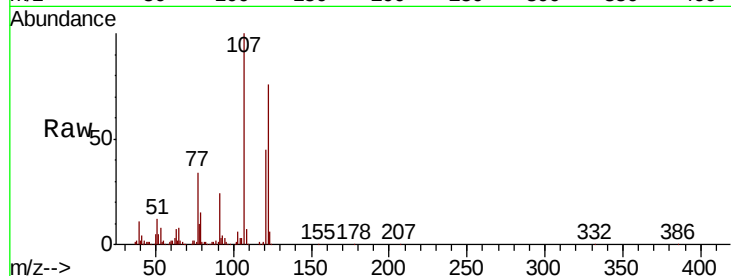




#27
2,4-Dimethylphenol
Concen: 46.225 ng
RT: 10.02 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

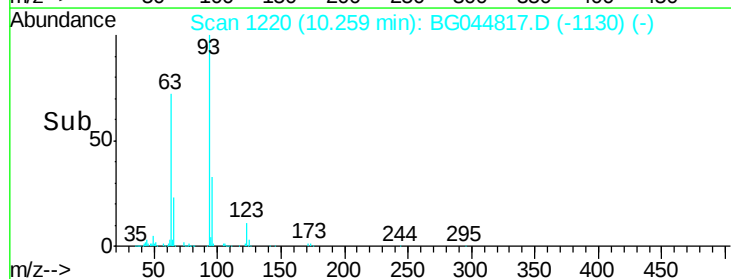
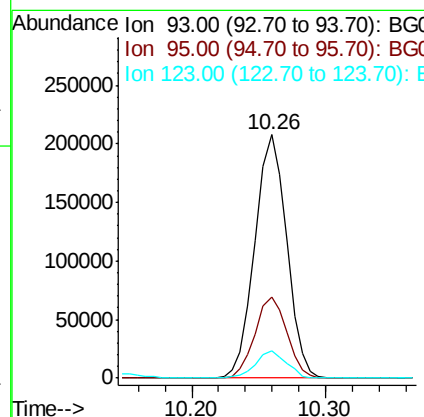
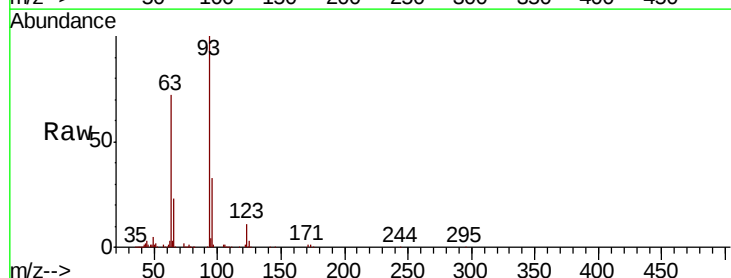
Instrument :
BNA_G
ClientSampleId :

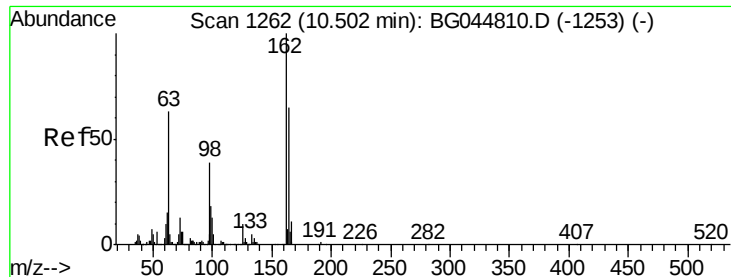
Tot Ion	Ratio	Lower	Upper
122	100		
107	131.1	107.1	160.7
121	58.9	46.8	70.2



#28
bis(2-Chloroethoxy)methane
Concen: 36.725 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.4	39.6
123	11.0	8.4	12.6

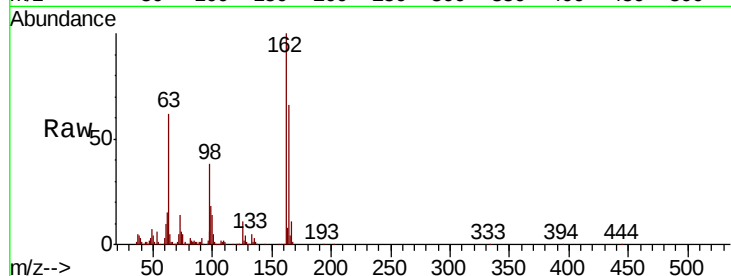




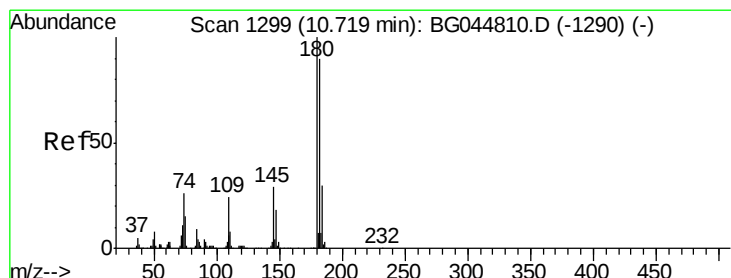
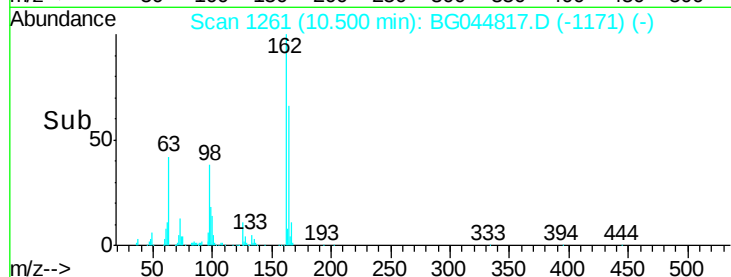
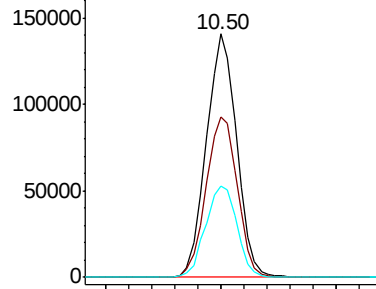
#29
 2,4-Dichlorophenol
 Concen: 43.105 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG044817.D
 Acq: 16 Mar 2020 17:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	45.2	85.2
98	37.5	19.0	59.0

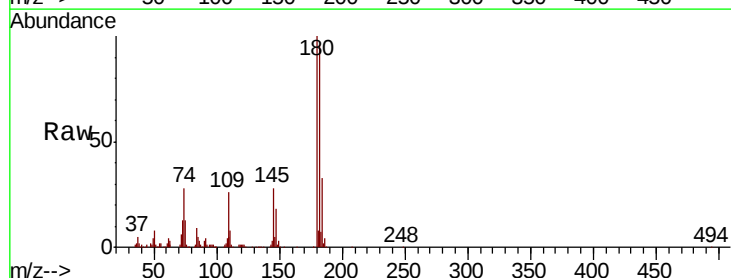


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

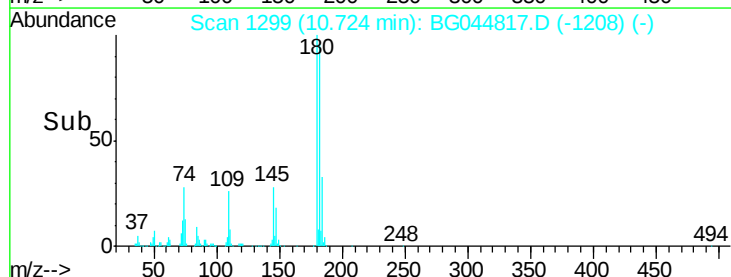
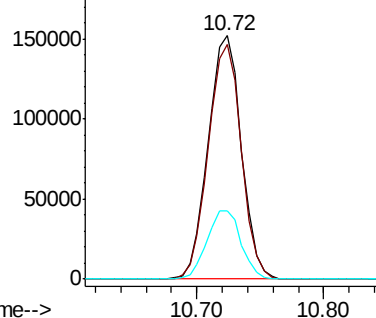


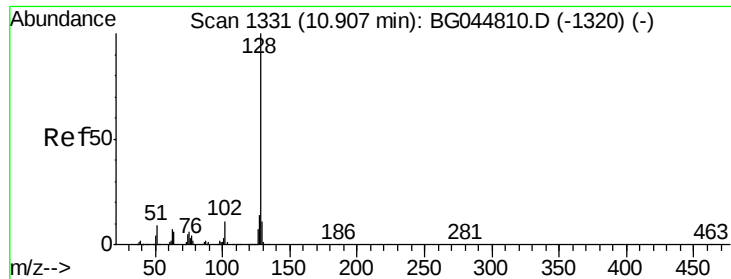
#30
 1,2,4-Trichlorobenzene
 Concen: 38.696 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BG044817.D
 Acq: 16 Mar 2020 17:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	71.6	107.4
145	28.0	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

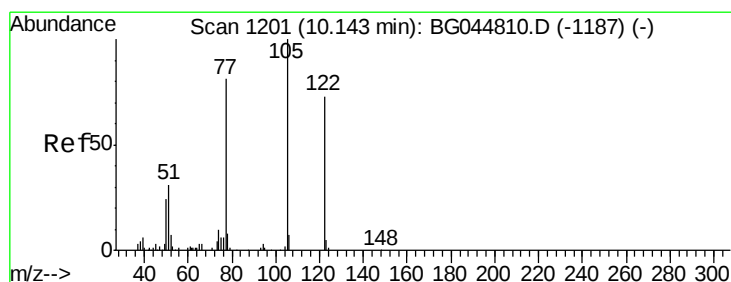
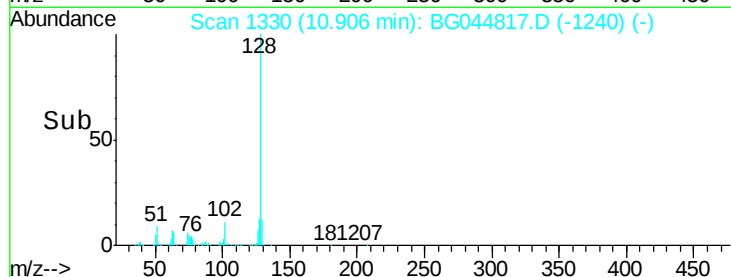
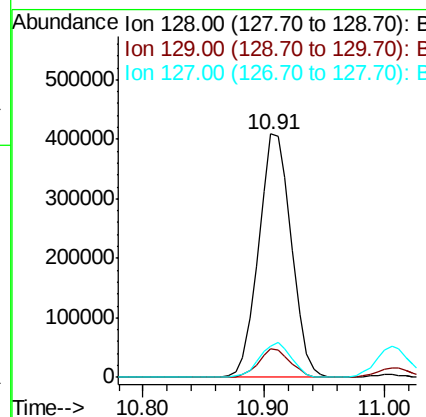
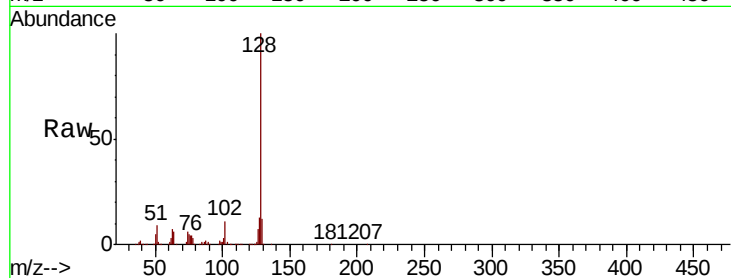




#31
Naphthalene
Concen: 39.374 ng
RT: 10.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

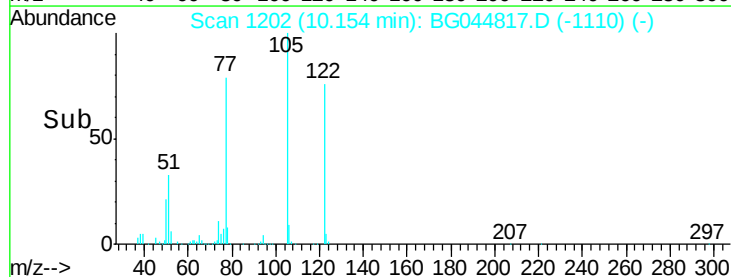
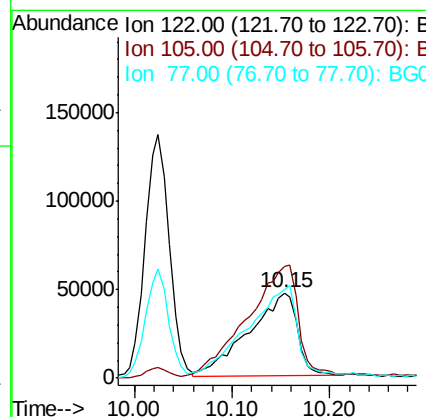
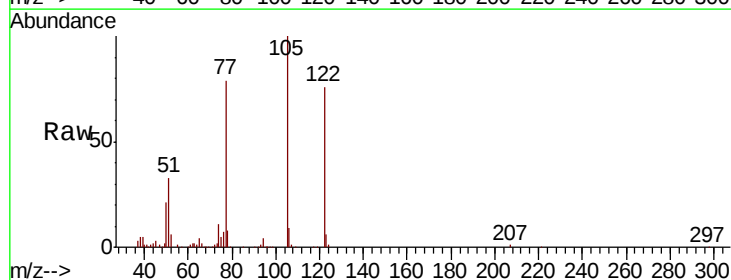
Instrument :
BNA_G
ClientSampleId :

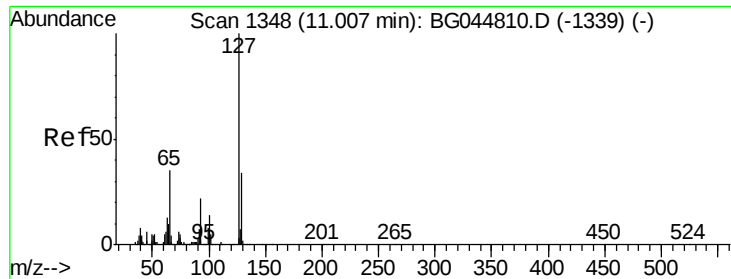
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.4
127	12.9	10.8	16.2



#32
Benzoic acid
Concen: 42.327 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.5	109.1	149.1
77	104.4	85.3	125.3

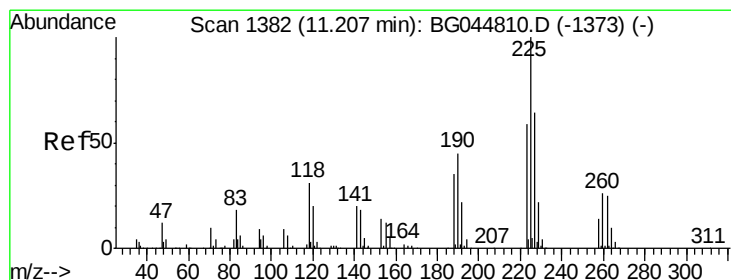
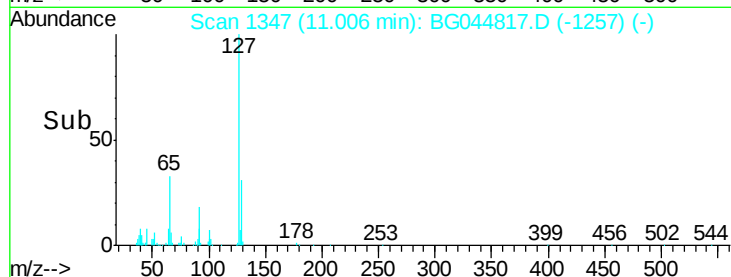
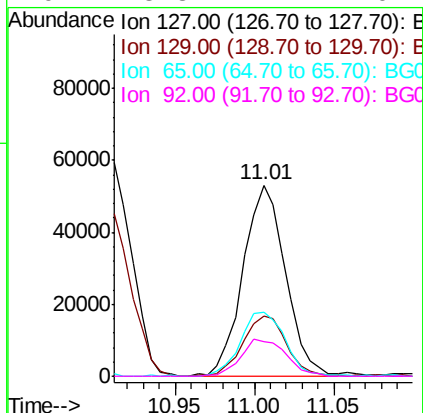
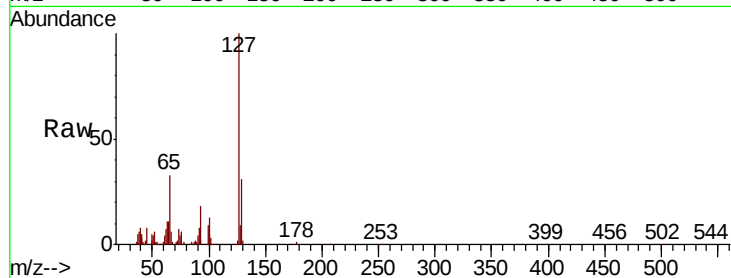




#33
4-Chloroaniline
Concen: 11.191 ng
RT: 11.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

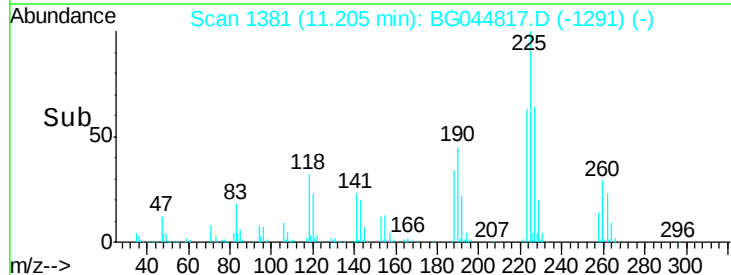
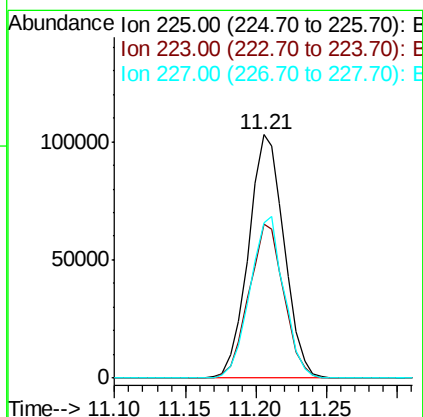
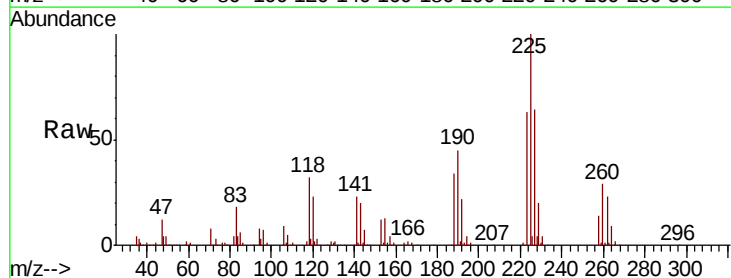
Instrument :
BNA_G
ClientSampleId :

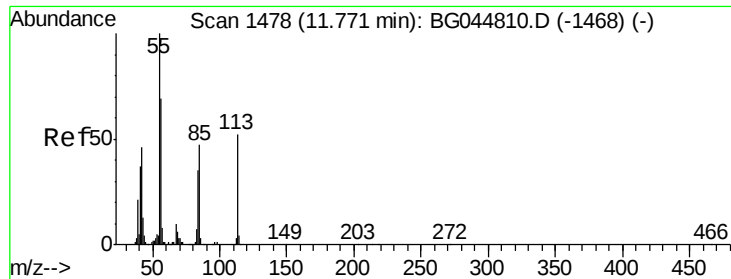
Tot Ion:	127	Resp:	98066
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.9	40.3
65	33.5	27.7	41.5
92	18.3	17.4	26.2



#34
Hexachlorobutadiene
Concen: 38.949 ng
RT: 11.21 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

Tgt Ion:	225	Resp:	181914
Ion	Ratio	Lower	Upper
225	100		
223	63.3	47.4	71.0
227	63.6	50.8	76.2

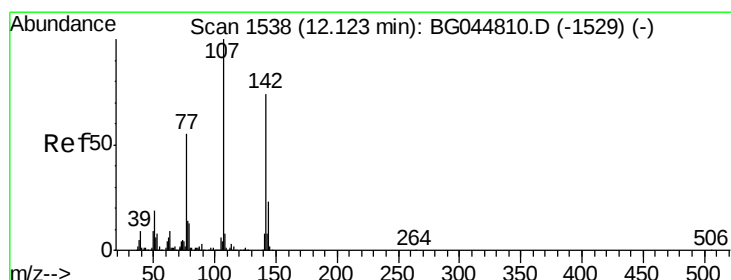
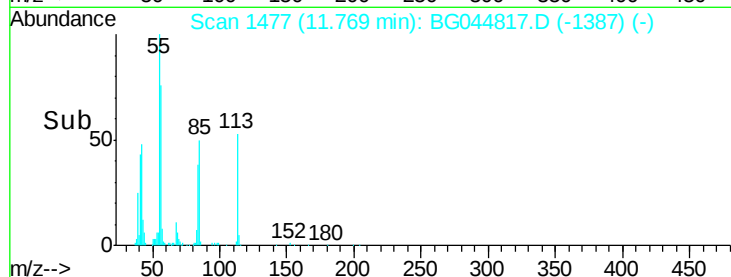
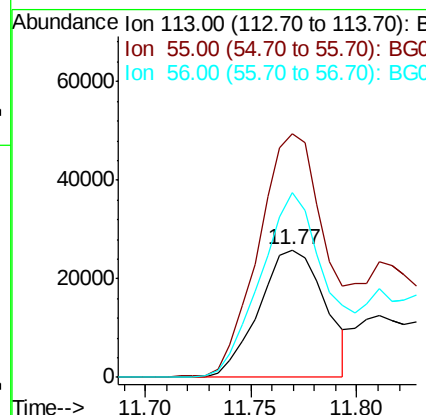
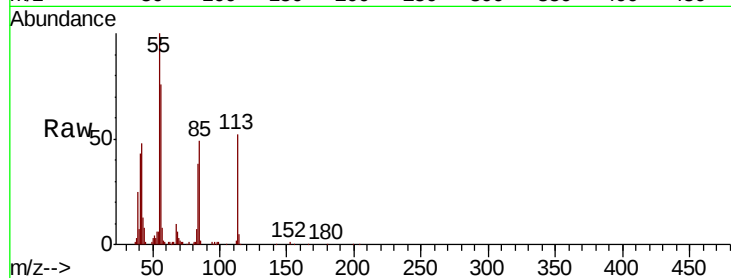




#35
Caprolactam
Concen: 24.935 ng
RT: 11.77 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

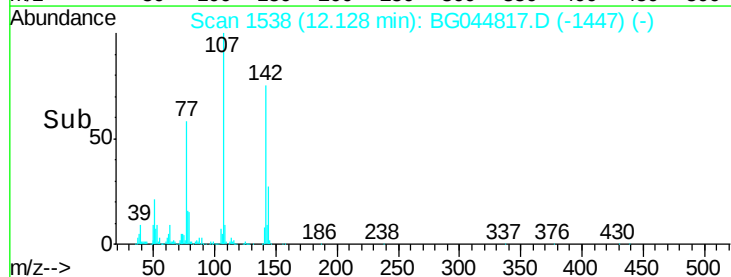
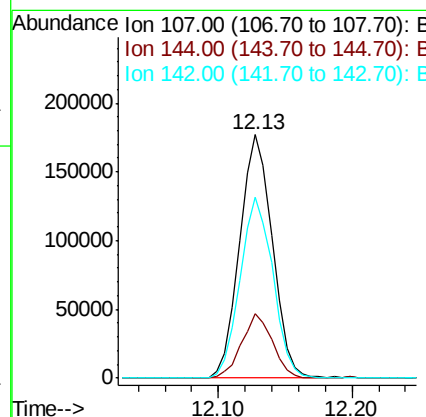
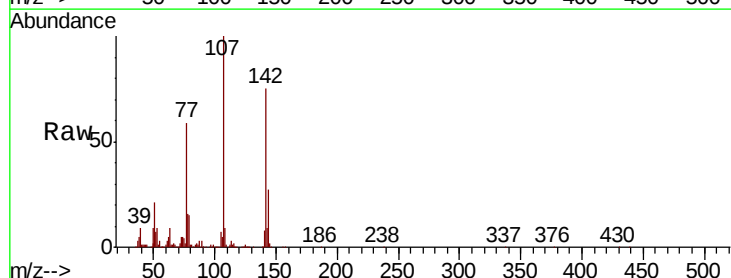
Instrument :
BNA_G
ClientSampled :

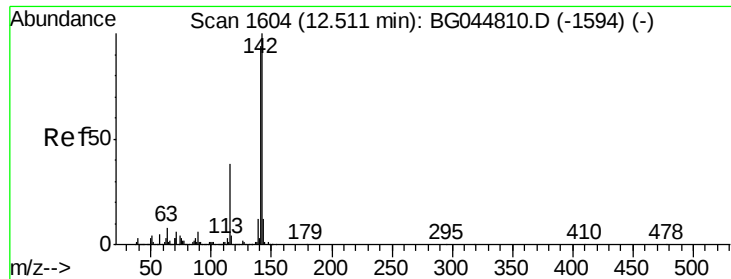
Tot Ion:113 Resp: 56076
Ion Ratio Lower Upper
113 100
55 191.1 173.8 213.8
56 145.3 113.8 153.8



#36
4-Chloro-3-methylphenol
Concen: 42.520 ng
RT: 12.13 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

Tgt Ion:107 Resp: 301222
Ion Ratio Lower Upper
107 100
144 26.6 18.0 27.0
142 74.5 59.0 88.4

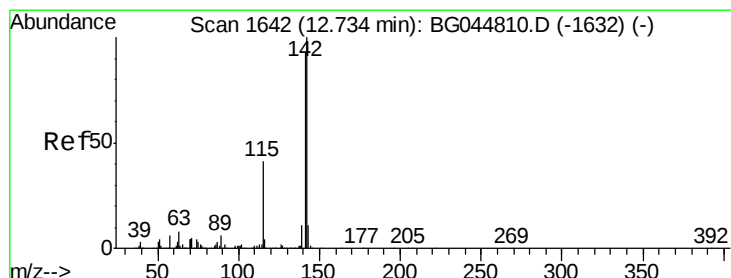
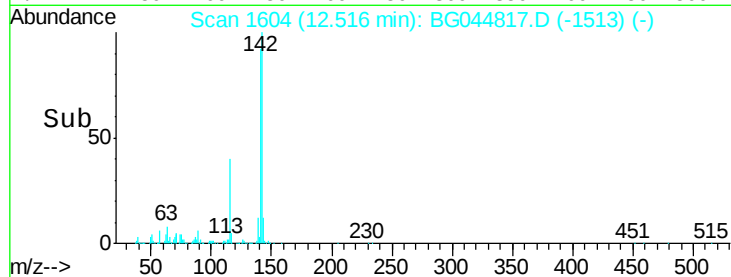
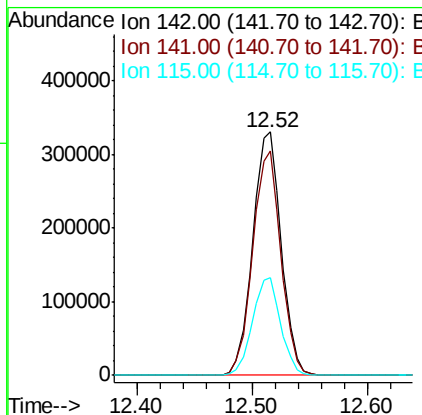
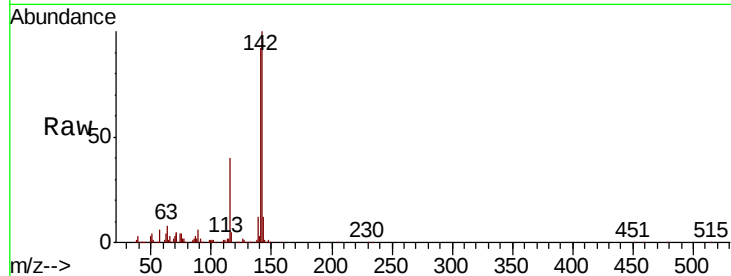




#37
 2-Methylnaphthalene
 Concen: 38.972 ng
 RT: 12.52 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BG044817.D
 Acq: 16 Mar 2020 17:38

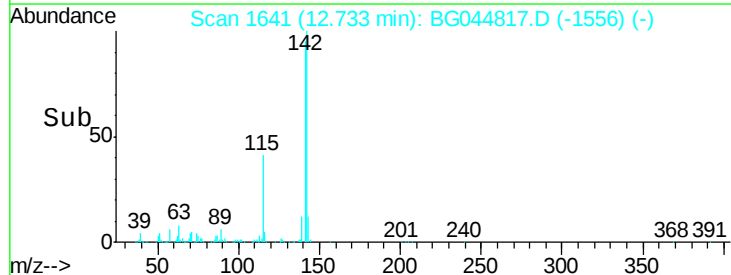
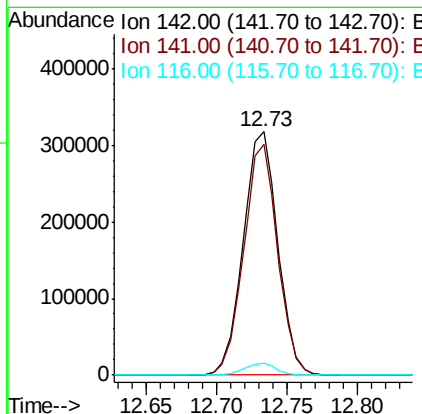
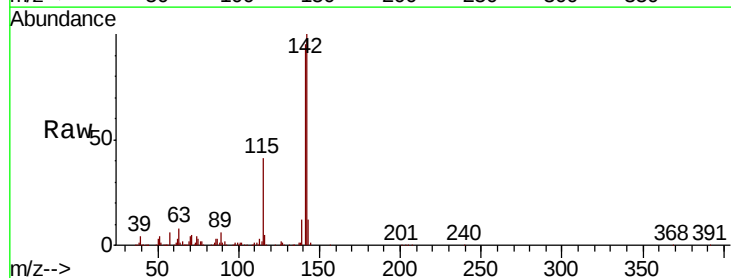
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.1	112.7
115	40.4	30.6	46.0



#38
 1-Methylnaphthalene
 Concen: 39.730 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BG044817.D
 Acq: 16 Mar 2020 17:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	74.7	112.1
116	4.7	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Instrument :

BNA_G

ClientSampleId :

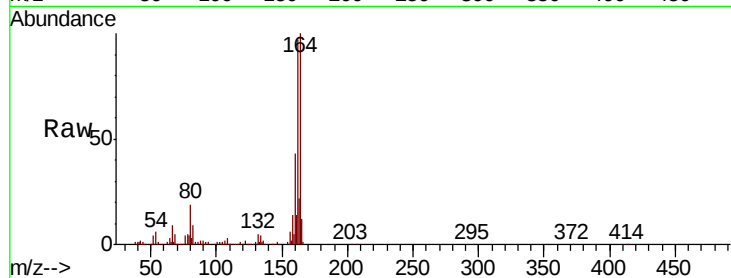
Tot Ion:164 Resp: 249803

Ion Ratio Lower Upper

164 100

162 96.8 76.7 115.1

160 42.8 35.0 52.4

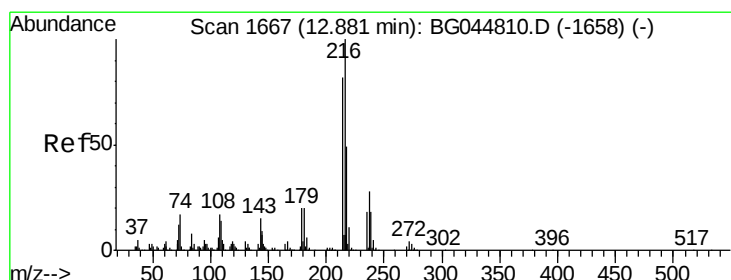
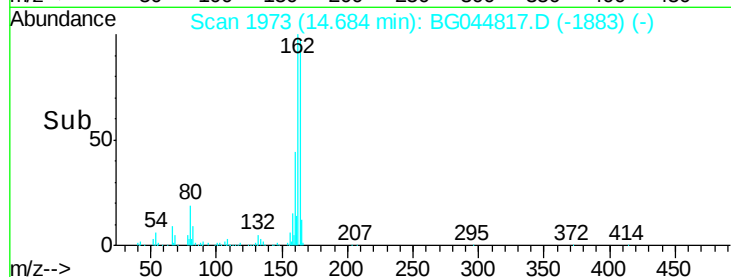
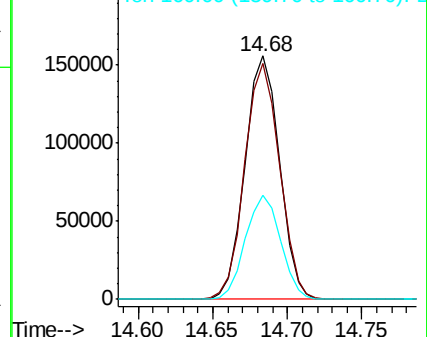


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.057 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Tgt Ion:216 Resp: 304856

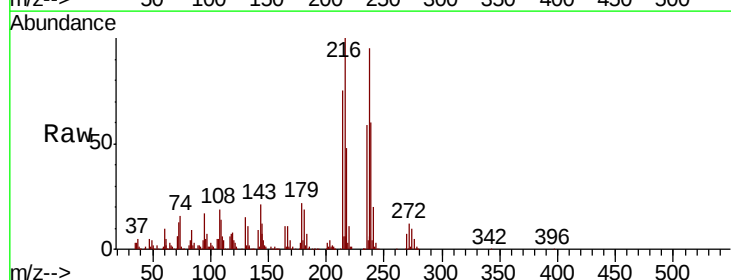
Ion Ratio Lower Upper

216 100

214 77.8 63.8 95.6

179 20.9 16.2 24.2

108 20.4 14.6 22.0



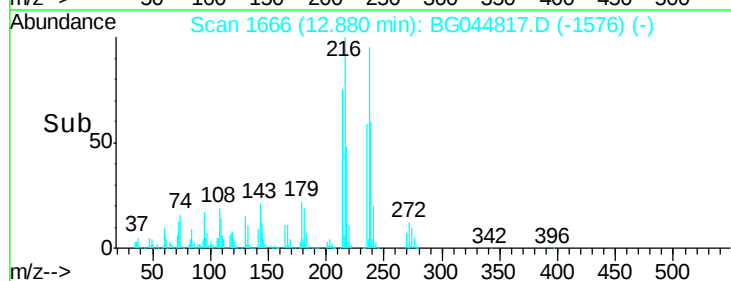
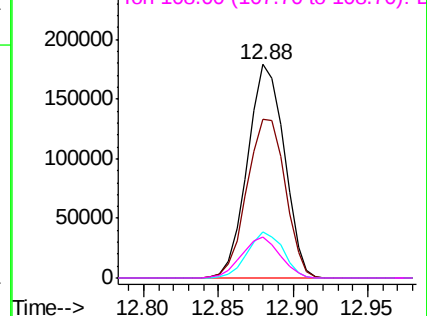
Abundance

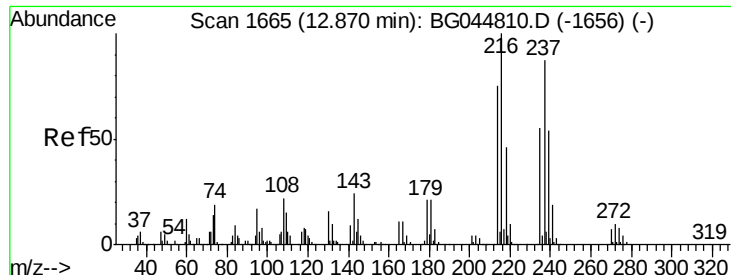
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 93.308 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Instrument :

BNA_G

ClientSampleId :

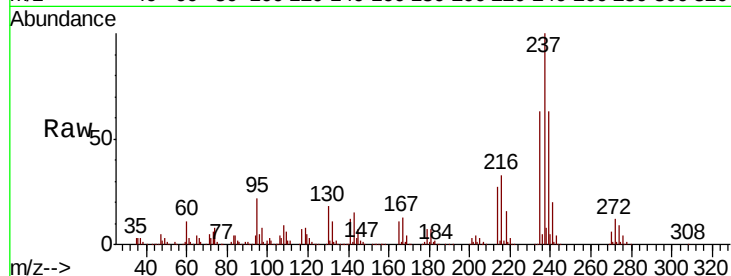
Tot Ion:237 Resp: 419513

Ion Ratio Lower Upper

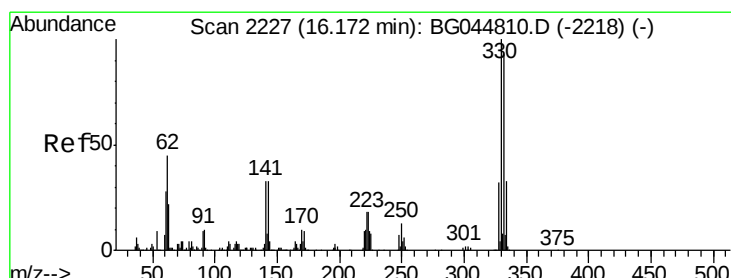
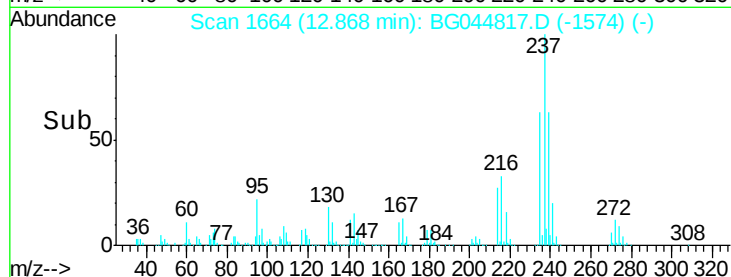
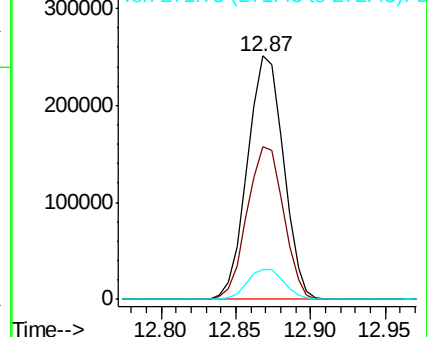
237 100

235 62.9 42.9 82.9

272 12.1 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: 110.984 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

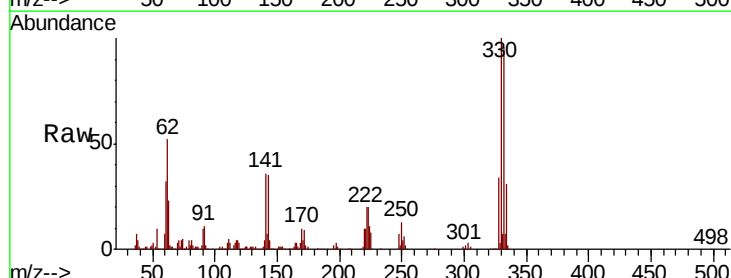
Tgt Ion:330 Resp: 363006

Ion Ratio Lower Upper

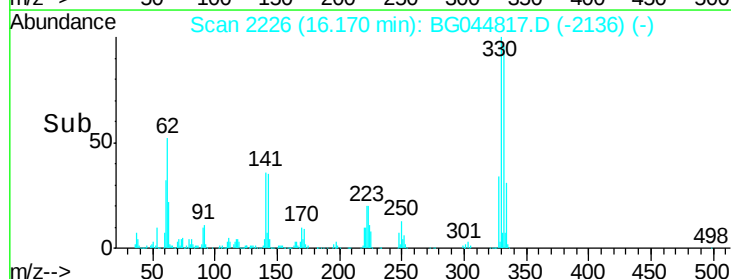
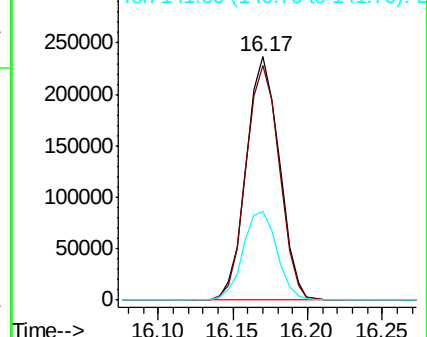
330 100

332 97.4 77.8 116.6

141 37.6 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

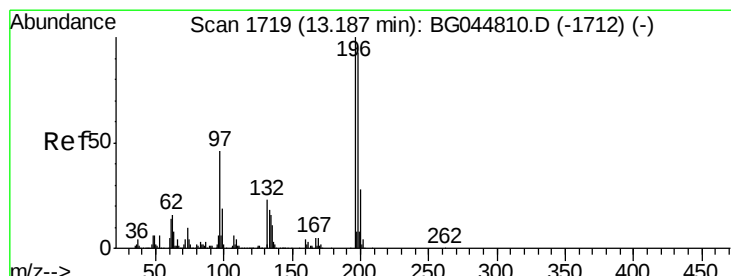
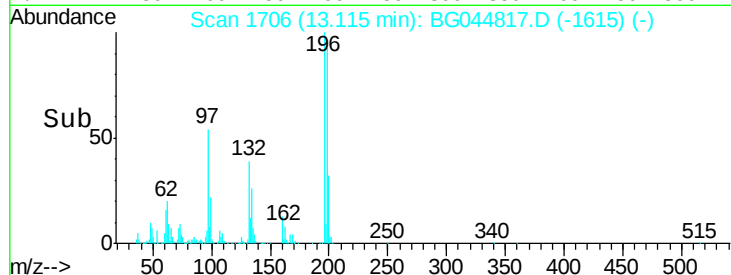
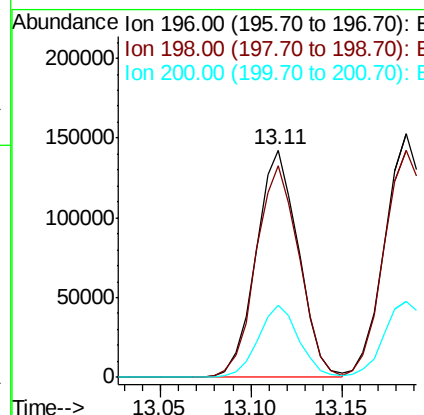
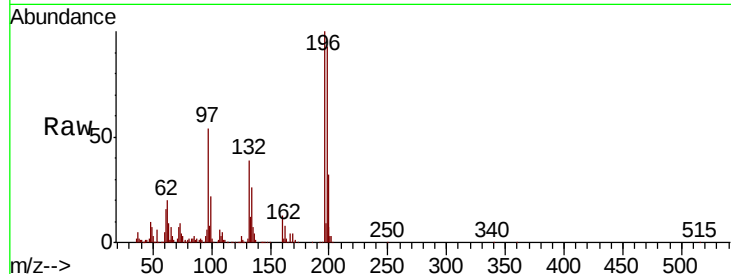




#43
 2,4,6-Trichlorophenol
 Concen: 42.335 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG044817.D
 Acq: 16 Mar 2020 17:38

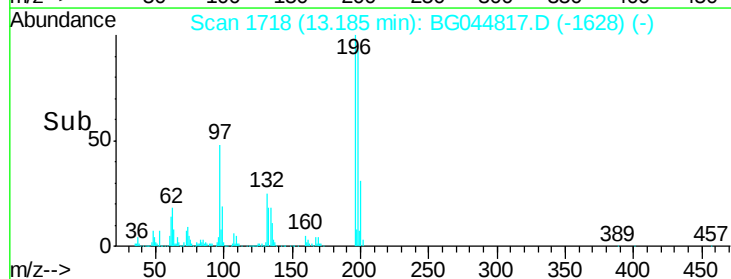
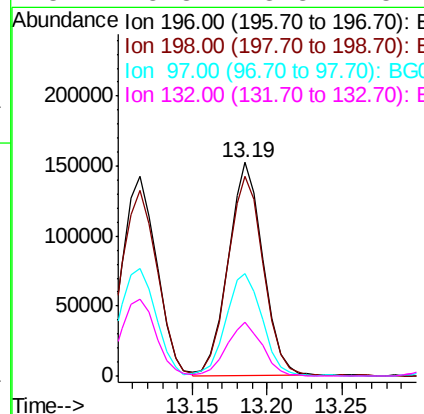
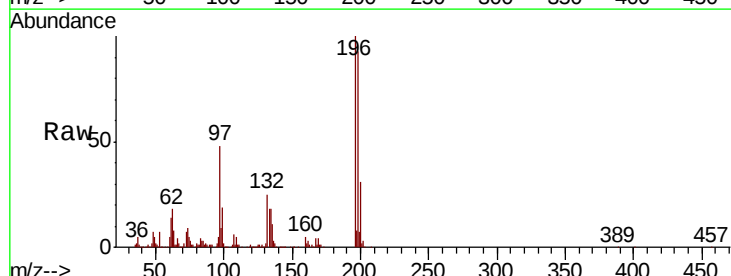
Instrument :
 BNA_G
 ClientSampleId :

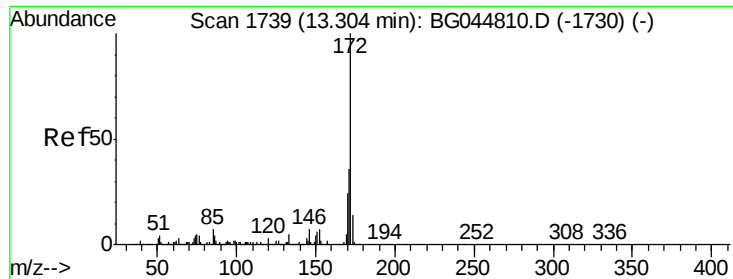
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.3	74.9	112.3
200	31.9	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 43.639 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG044817.D
 Acq: 16 Mar 2020 17:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	74.2	111.4
97	47.9	36.7	55.1
132	25.3	18.8	28.2



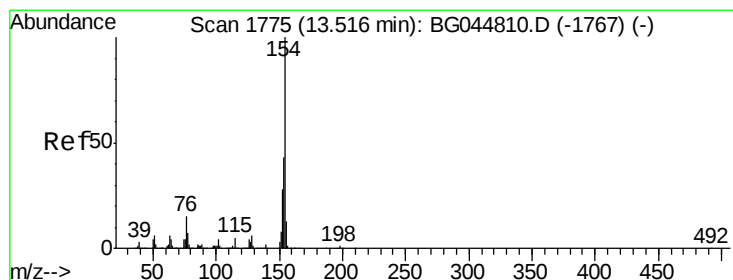
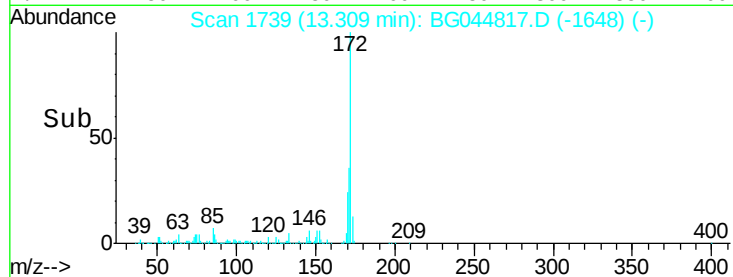
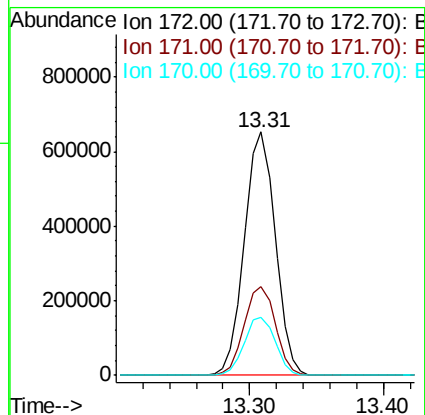
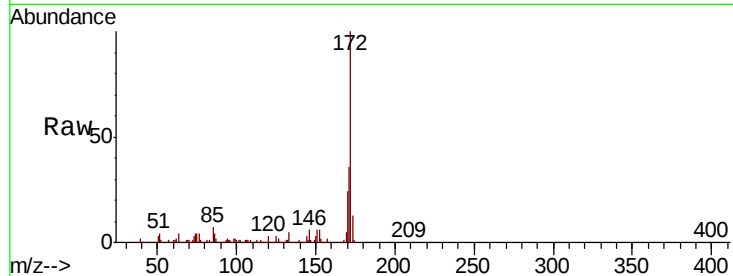


#45
 2-Fluorobiphenyl
 Concen: 59.766 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. 0.00 min
 Lab File: BG044817.D
 Acq: 16 Mar 2020 17:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1042558

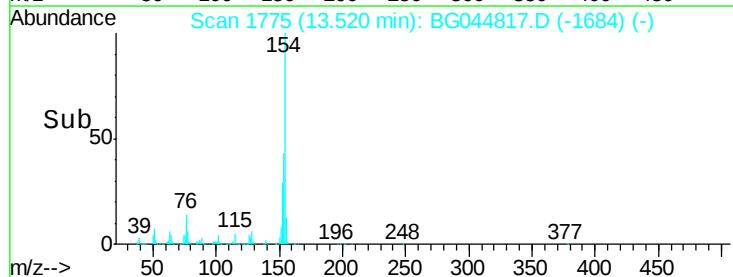
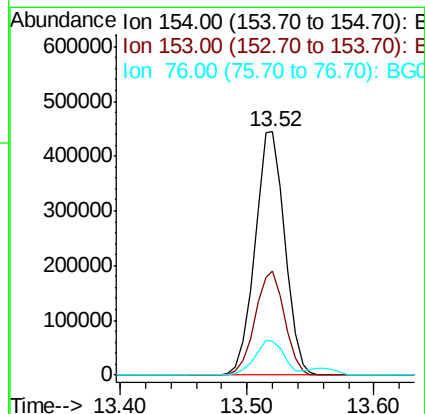
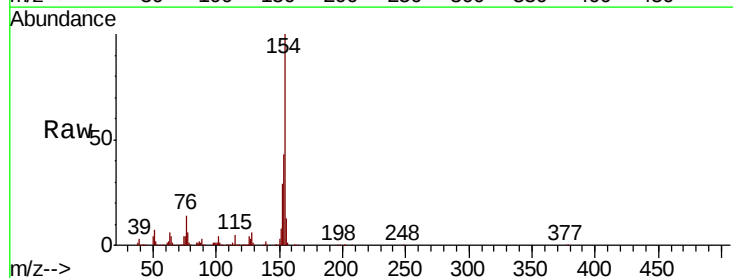
Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.7	43.1
170	24.0	19.0	28.6

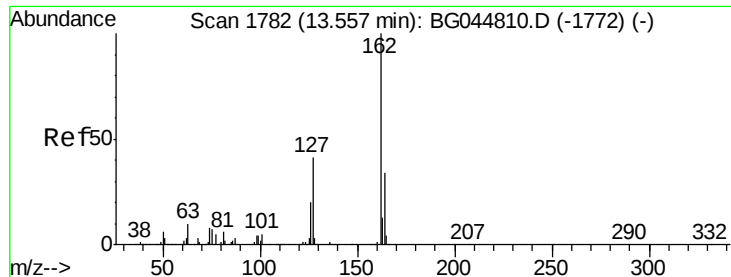


#46
 1,1'-Biphenyl
 Concen: 36.488 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BG044817.D
 Acq: 16 Mar 2020 17:38

Tgt Ion:154 Resp: 728388

Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.9	62.9
76	14.0	0.0	34.6

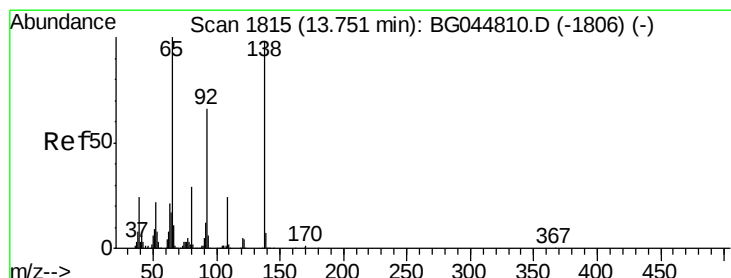
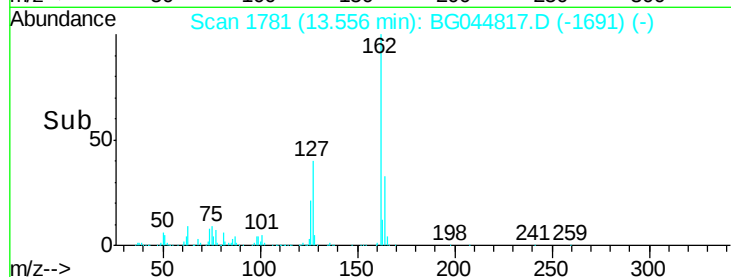
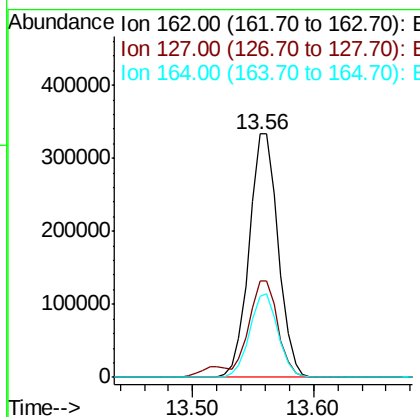
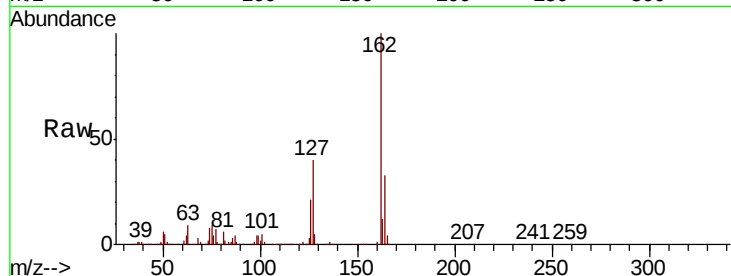




#47
2-Chloronaphthalene
Concen: 36.603 ng
RT: 13.56 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

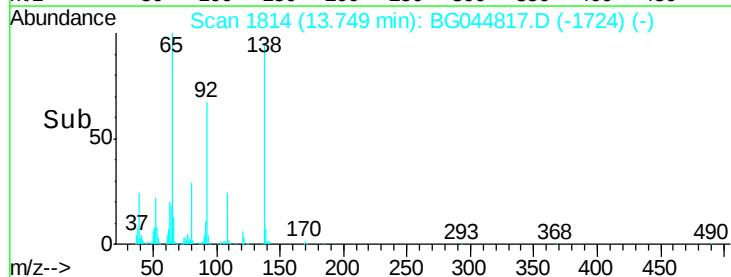
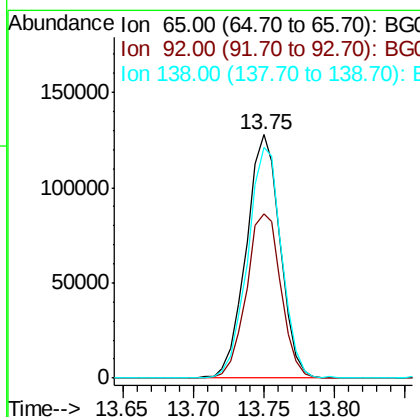
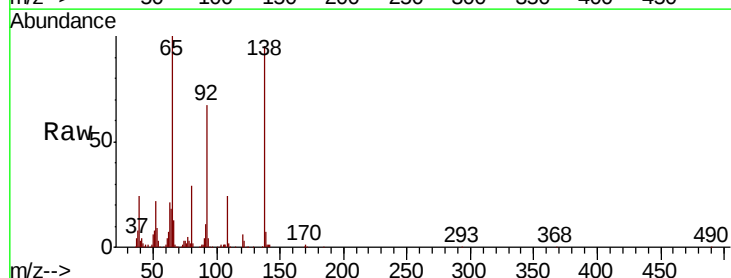
Instrument :
BNA_G
ClientSampleId :

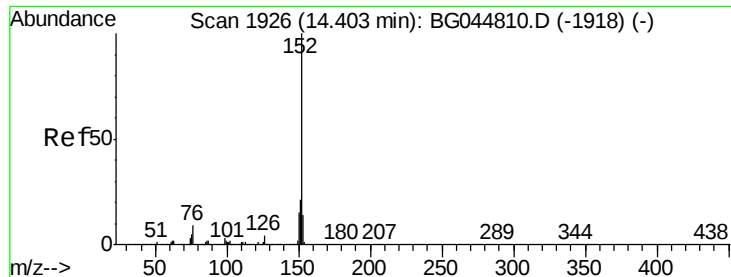
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	33.1	49.7
164	33.3	27.4	41.2



#48
2-Nitroaniline
Concen: 40.418 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	52.6	79.0
138	94.7	78.3	117.5





#49

Acenaphthylene

Concen: 39.632 ng

RT: 14.41 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

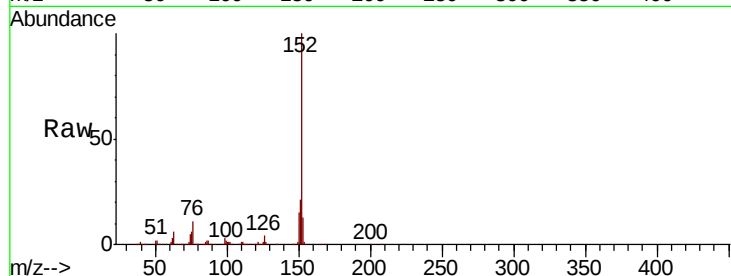
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 946824

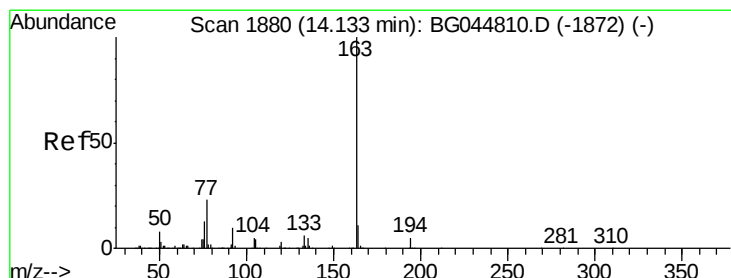
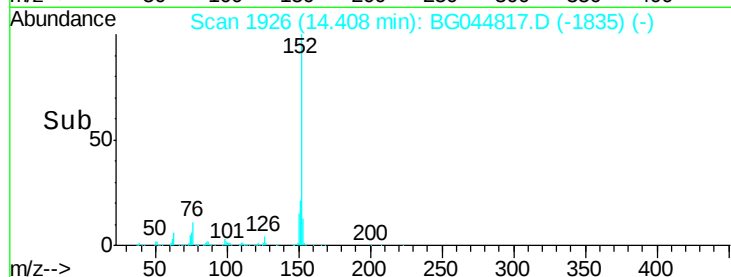
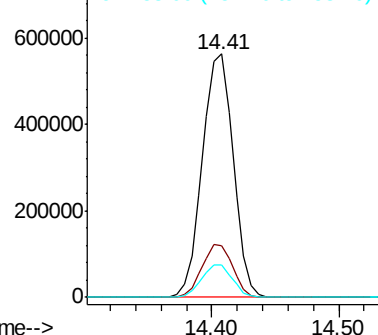
Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.8	25.2
153	13.3	10.8	16.2



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: 45.628 ng

RT: 14.14 min Scan# 1880

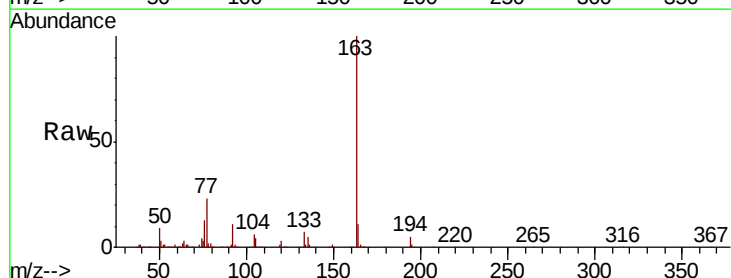
Delta R.T. 0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Tgt Ion:163 Resp: 907801

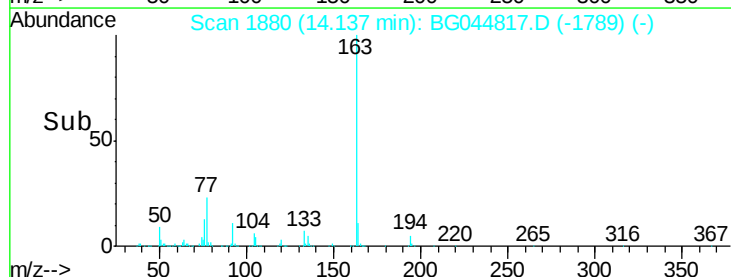
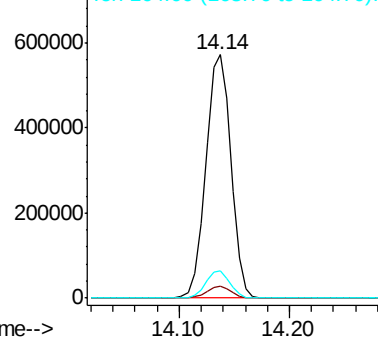
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	11.1	9.1	13.7

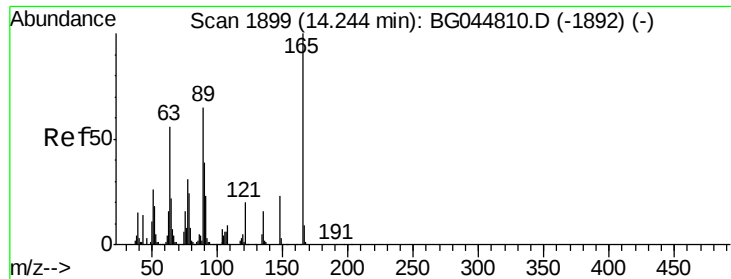


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

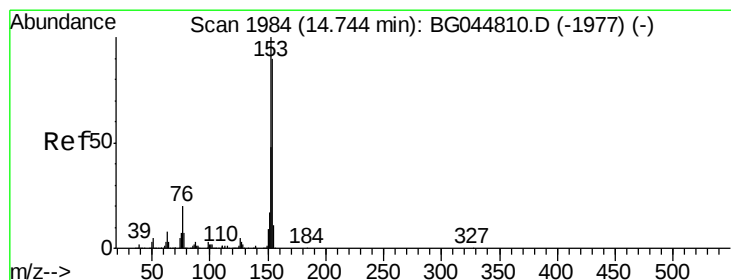
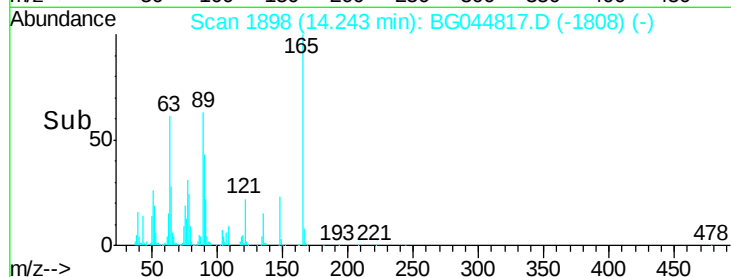
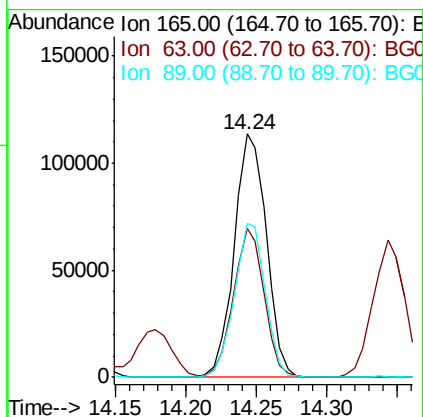
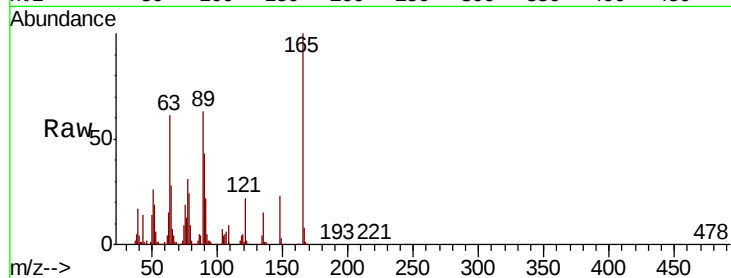




#51
 2,6-Dinitrotoluene
 Concen: 44.949 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BG044817.D
 Acq: 16 Mar 2020 17:38

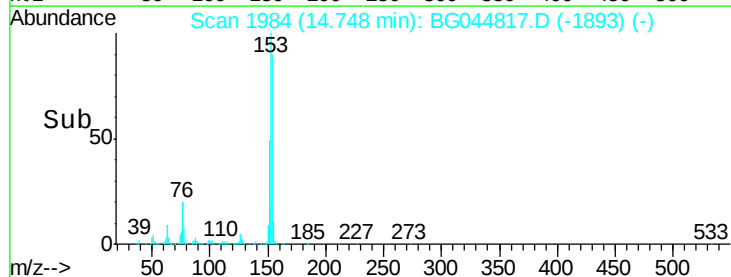
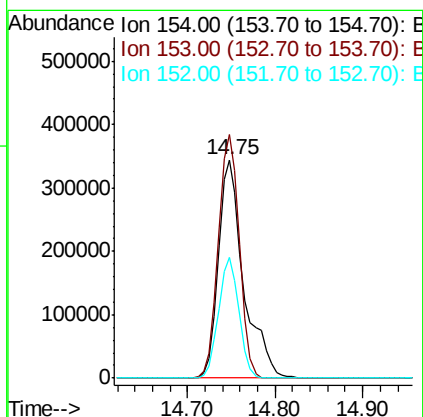
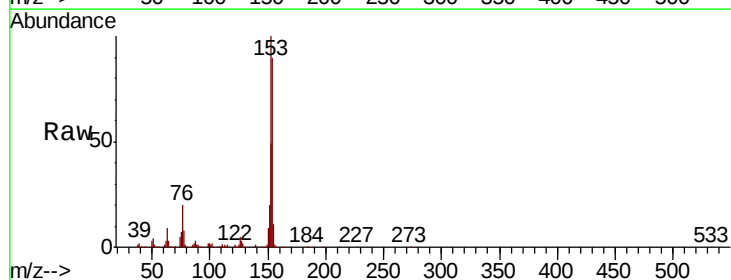
Instrument :
 BNA_G
 ClientSampleId :

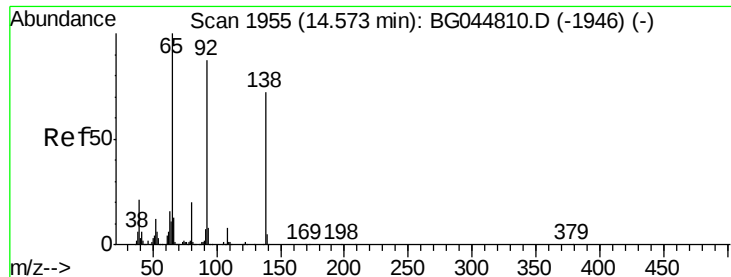
Tot Ion:165 Resp: 180262
 Ion Ratio Lower Upper
 165 100
 63 61.0 45.8 68.8
 89 63.1 51.8 77.6



#52
 Acenaphthene
 Concen: 44.032 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: BG044817.D
 Acq: 16 Mar 2020 17:38

Tgt Ion:154 Resp: 688930
 Ion Ratio Lower Upper
 154 100
 153 111.4 89.0 133.6
 152 55.1 43.0 64.6





#53

3-Nitroaniline

Concen: 17.725 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Instrument :

BNA_G

ClientSampleId :

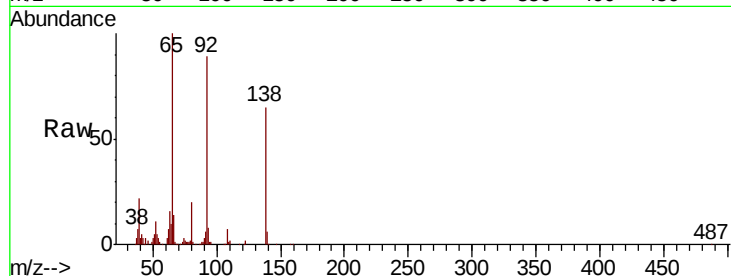
Tot Ion:138 Resp: 81724

Ion Ratio Lower Upper

138 100

108 10.3 9.0 13.4

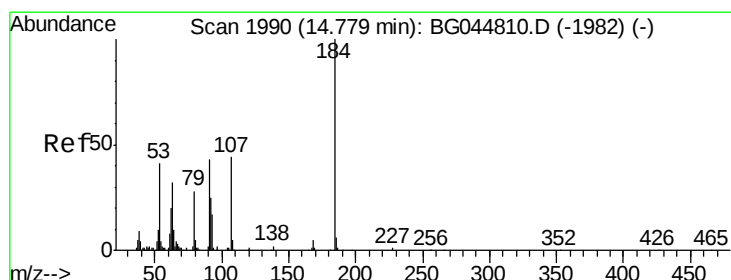
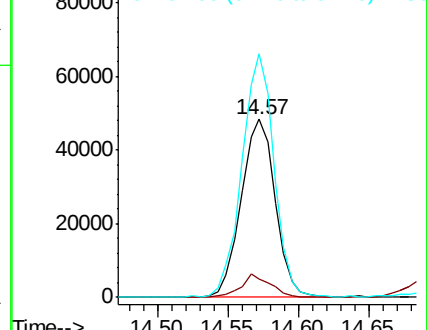
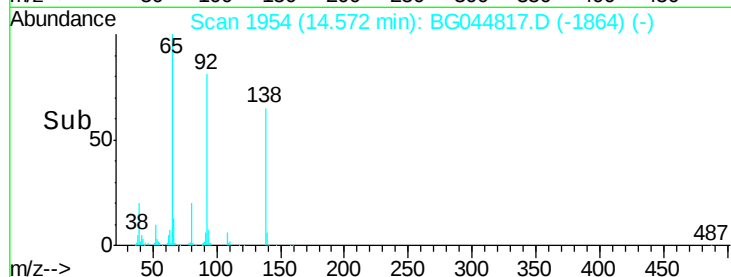
92 137.0 96.8 145.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 93.198 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

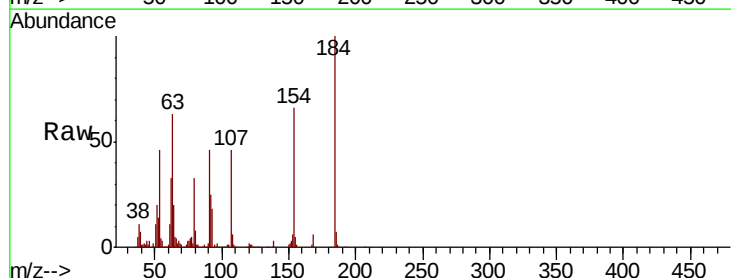
Tgt Ion:184 Resp: 198518

Ion Ratio Lower Upper

184 100

63 62.6 45.5 68.3

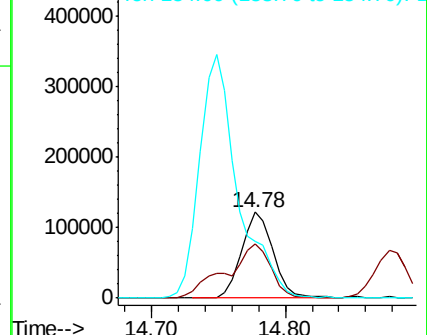
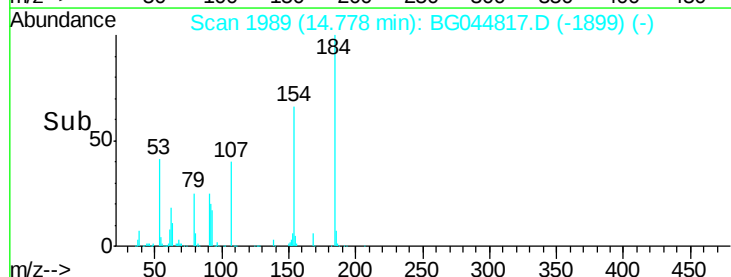
154 65.8 49.1 73.7

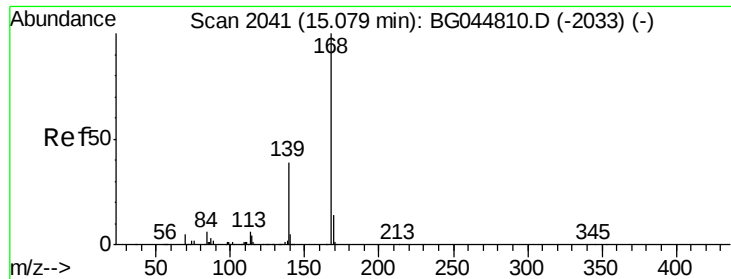


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 39.953 ng

RT: 15.08 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Instrument :

BNA_G

ClientSampleId :

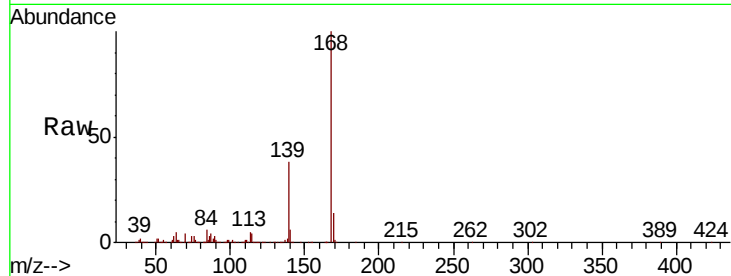
Tot Ion:168 Resp: 906490

Ion Ratio Lower Upper

168 100

139 37.6 31.4 47.0

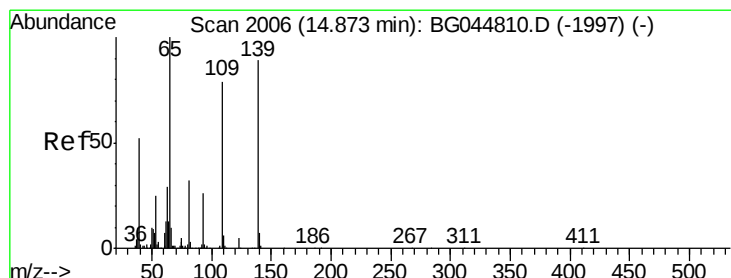
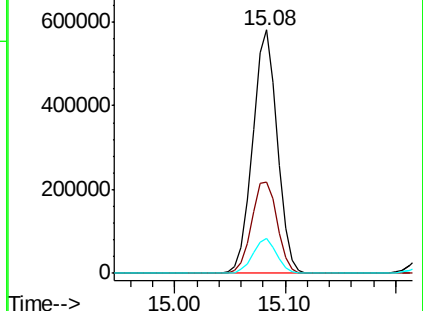
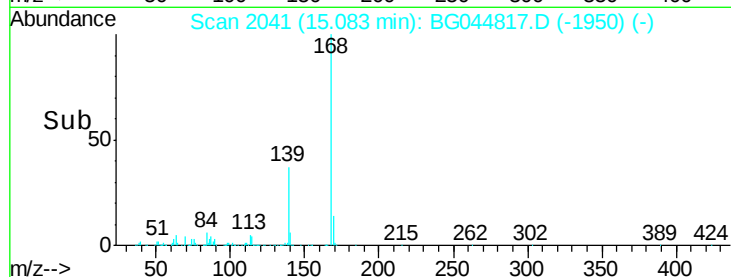
169 14.2 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 92.368 ng

RT: 14.88 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

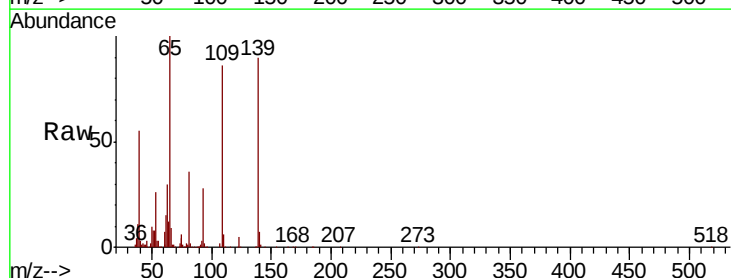
Tgt Ion:139 Resp: 325025

Ion Ratio Lower Upper

139 100

109 95.5 68.8 108.8

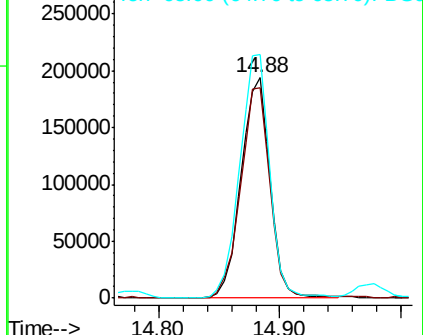
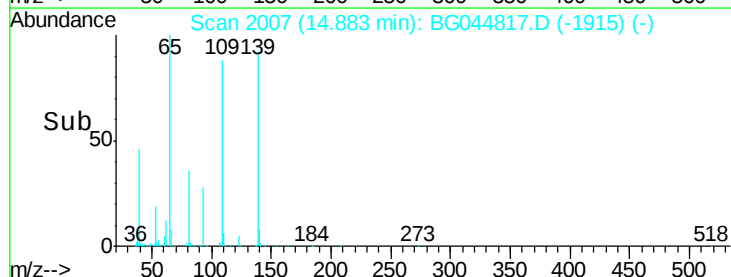
65 110.5 92.5 132.5

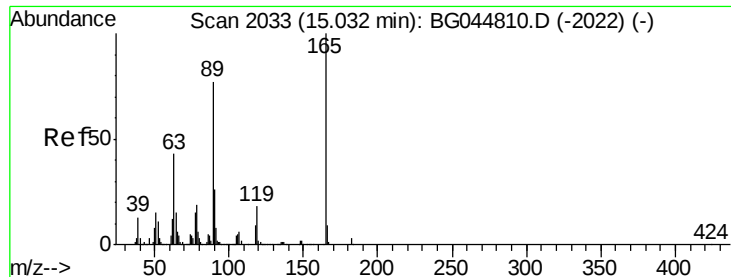


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

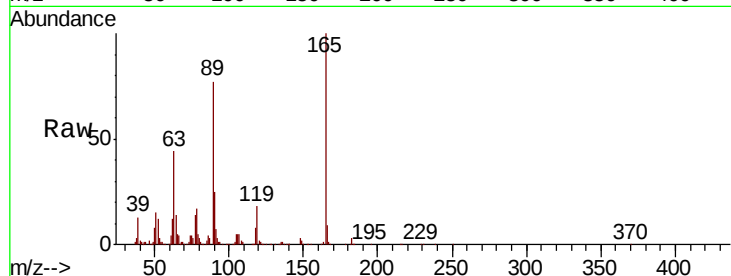




#57
2,4-Dinitrotoluene
Concen: 45.750 ng
RT: 15.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.8	34.6	52.0
89	76.8	61.3	91.9
182	2.7	2.2	3.2



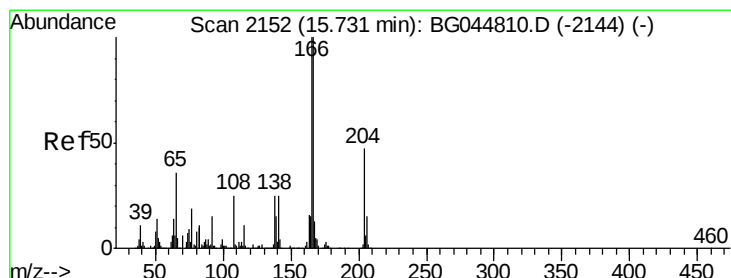
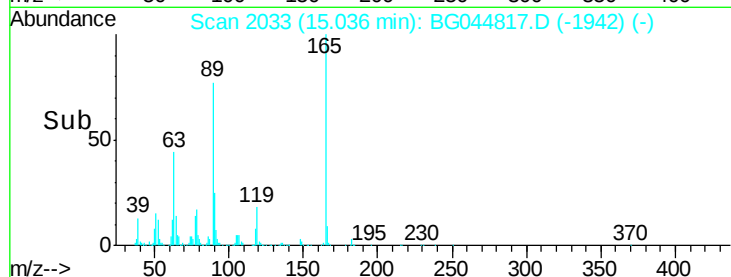
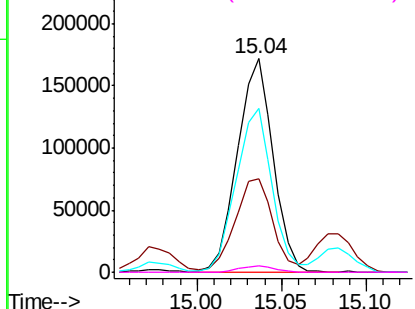
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

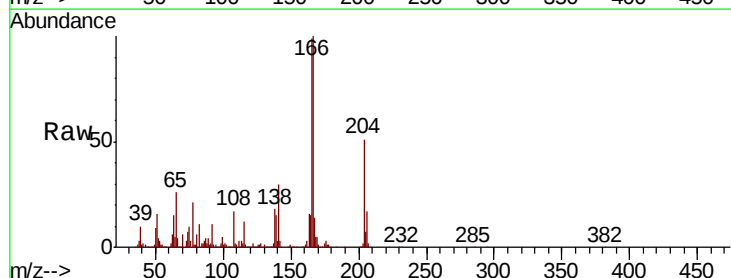
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.275 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.7	119.5
167	14.4	10.6	16.0

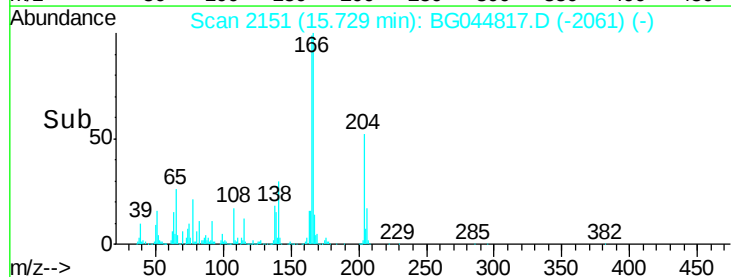
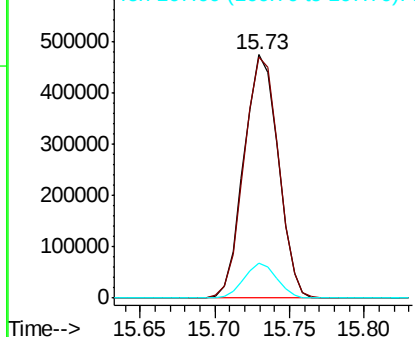


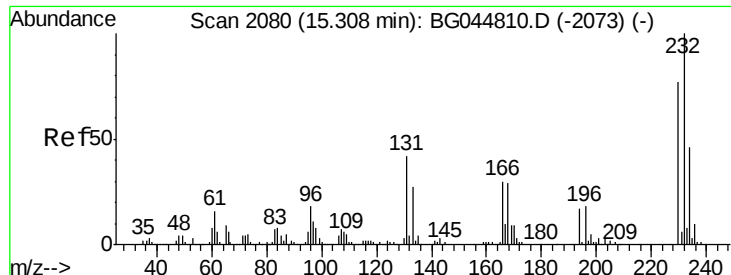
Abundance

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

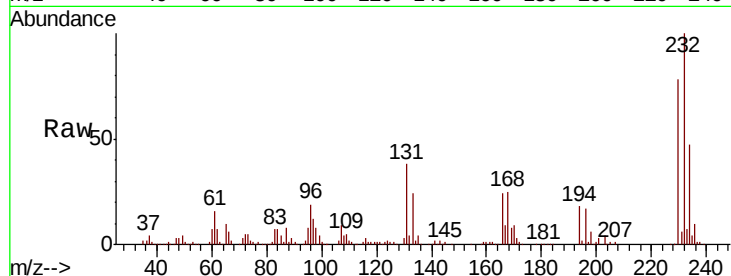




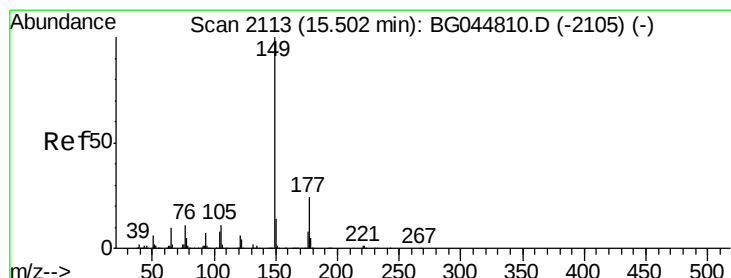
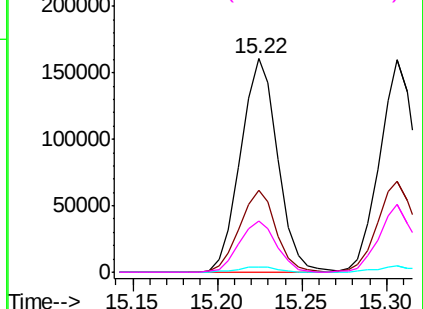
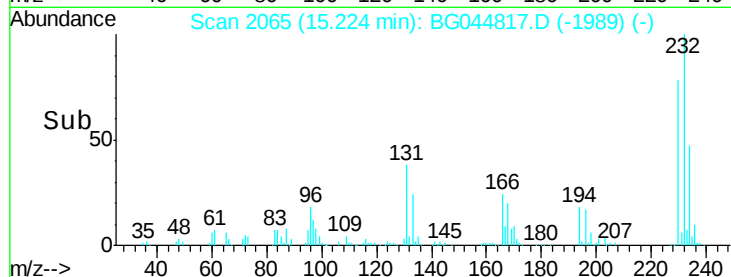
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.169 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. -0.08 min
 Lab File: BG044817.D
 Acq: 16 Mar 2020 17:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	245886
Ion	Ratio	Lower	Upper
232	100		
131	37.6	31.8	47.8
130	2.6	2.2	3.2
166	24.0	20.2	30.2

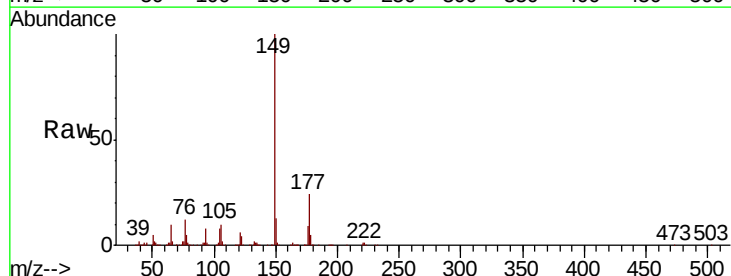


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

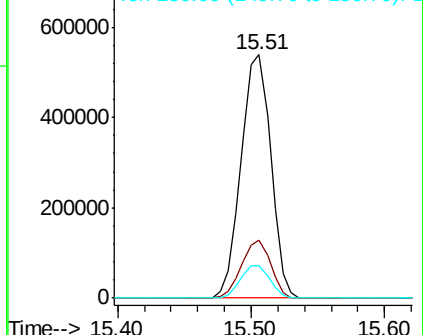
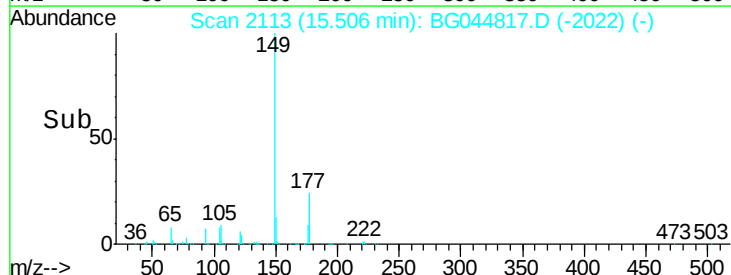


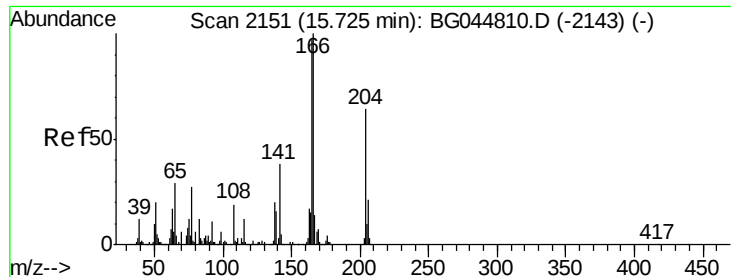
#60
 Diethylphthalate
 Concen: 40.025 ng
 RT: 15.51 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BG044817.D
 Acq: 16 Mar 2020 17:38

Tgt Ion:	149	Resp:	830551
Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.3	28.9
150	13.2	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

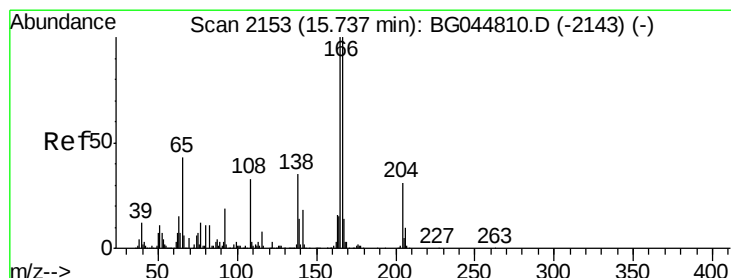
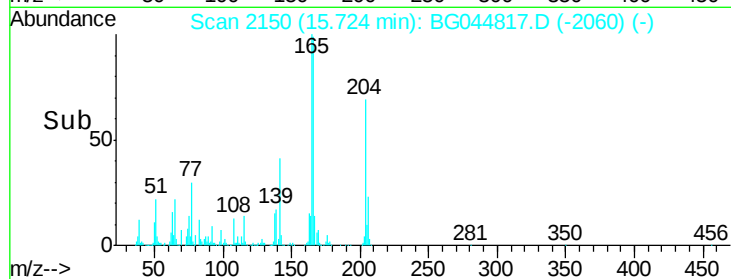
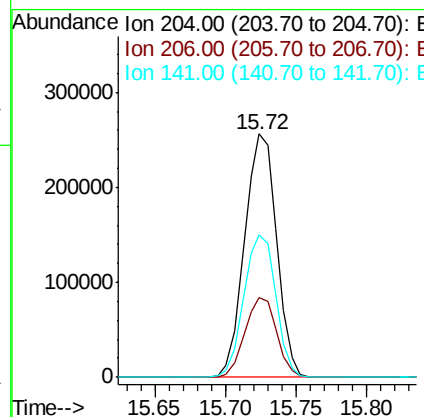
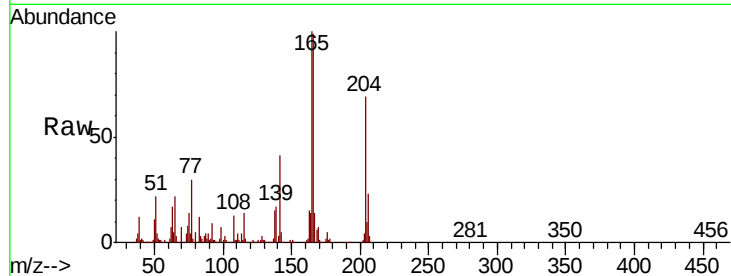




#61
 4-Chlorophenyl-phenylether
 Concen: 40.443 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG044817.D
 Acq: 16 Mar 2020 17:38

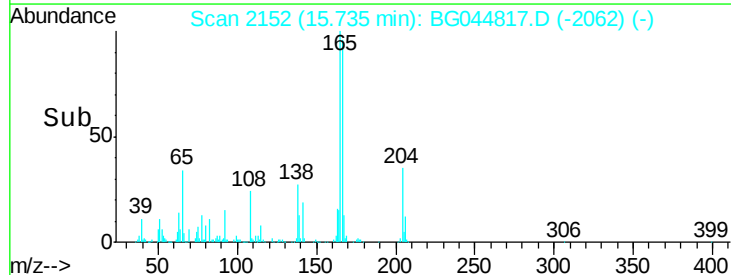
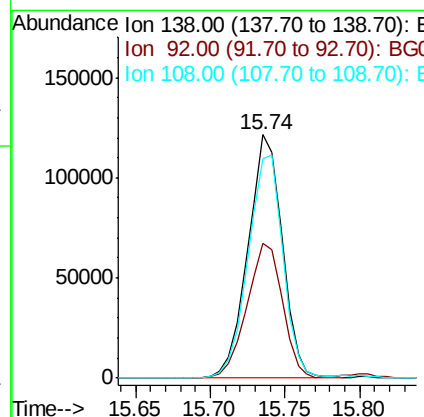
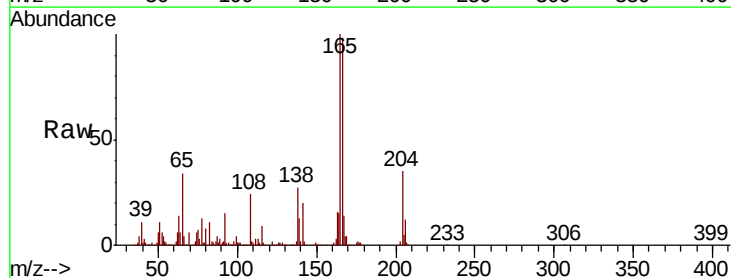
Instrument :
 BNA_G
 ClientSampleId :

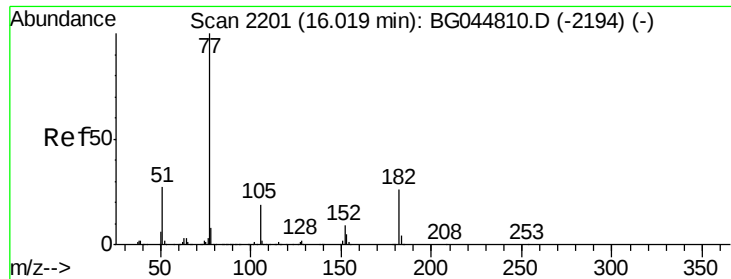
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.2
141	58.6	47.7	71.5



#62
 4-Nitroaniline
 Concen: 39.236 ng
 RT: 15.74 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG044817.D
 Acq: 16 Mar 2020 17:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.6	34.5	74.5
108	90.2	74.5	114.5

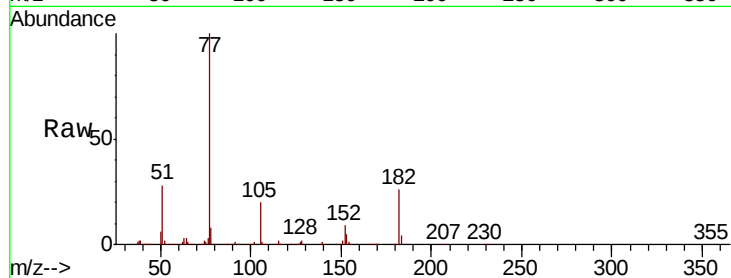




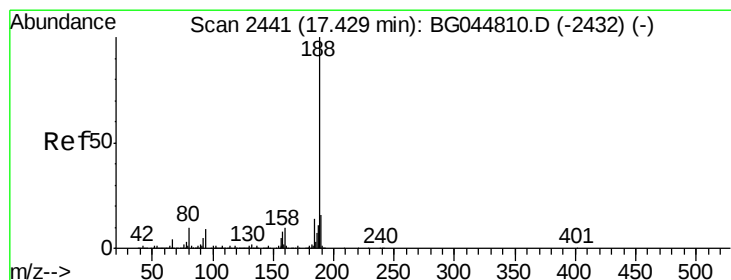
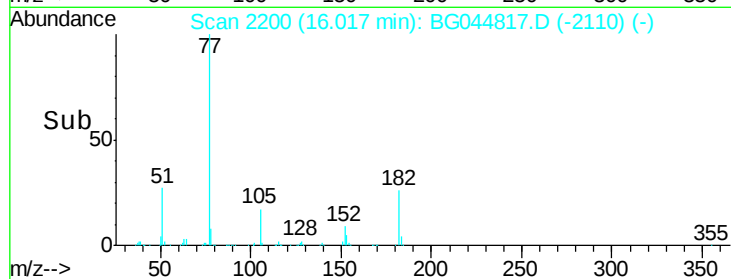
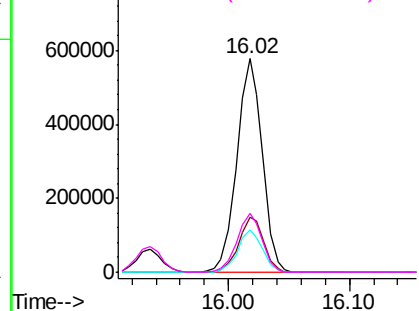
#63
Azobenzene
Concen: 38.967 ng
RT: 16.02 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.8	6.4	46.4	
105	19.8	0.0	39.1	
51	27.5	7.3	47.3	

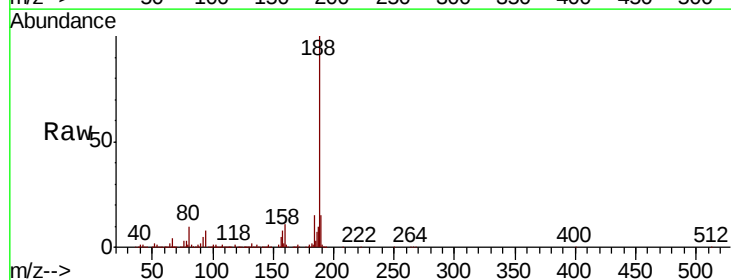


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

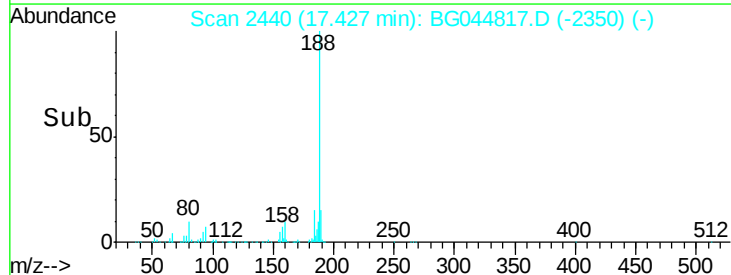
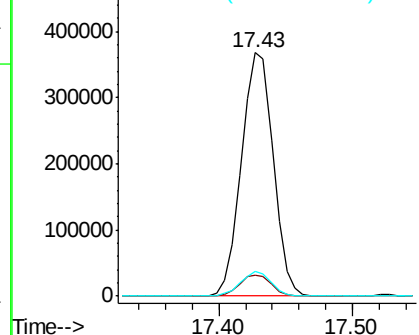


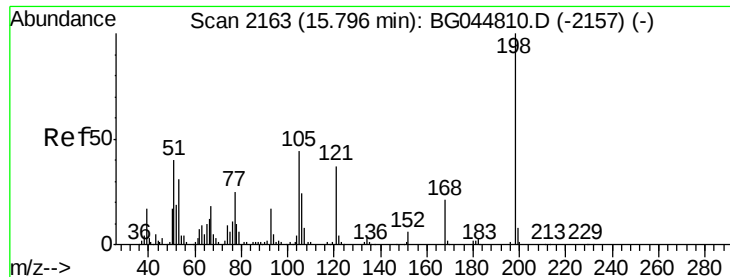
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.4	7.3	10.9	
80	10.3	8.0	12.0	



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 50.420 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Instrument :

BNA_G

ClientSampled :

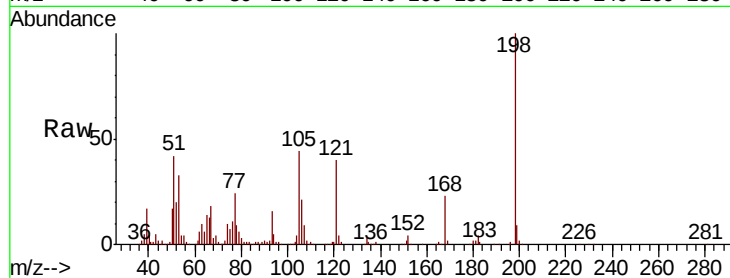
Tot Ion:198 Resp: 144901

Ion Ratio Lower Upper

198 100

51 41.5 21.1 61.1

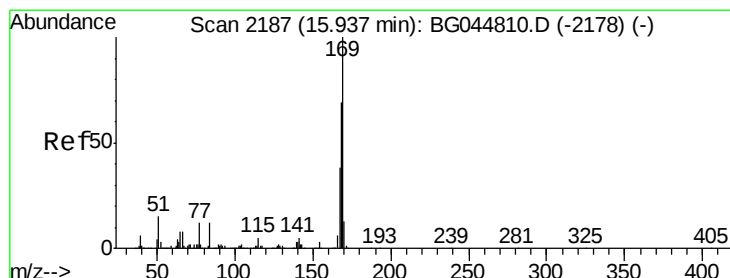
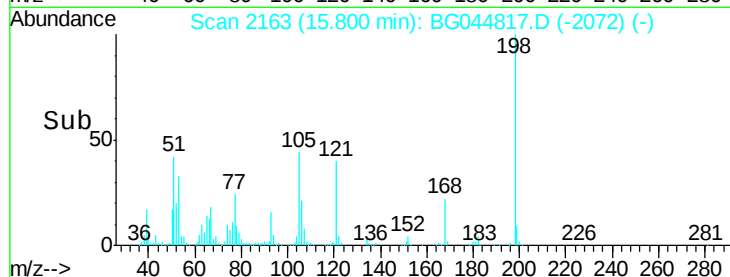
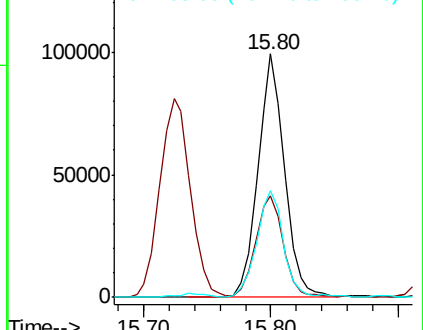
105 43.7 24.5 64.5



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: 37.998 ng

RT: 15.94 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

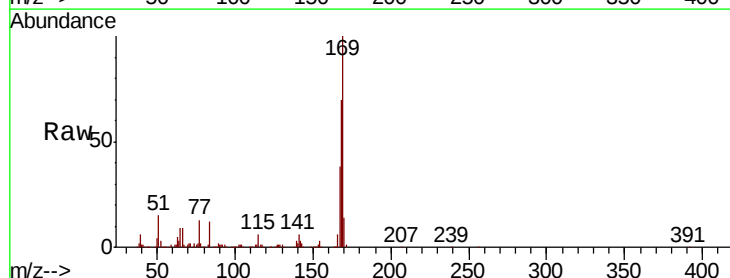
Tgt Ion:169 Resp: 692265

Ion Ratio Lower Upper

169 100

168 70.5 55.4 83.2

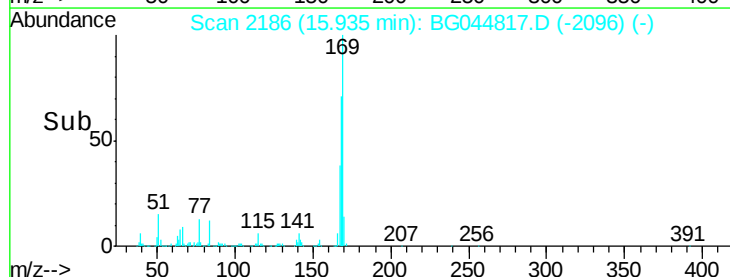
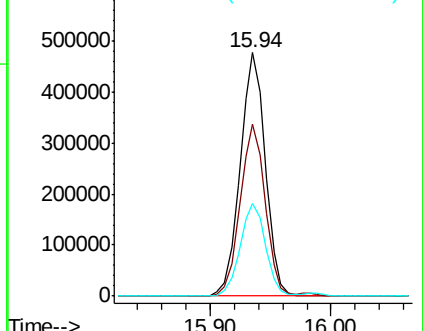
167 38.1 30.1 45.1

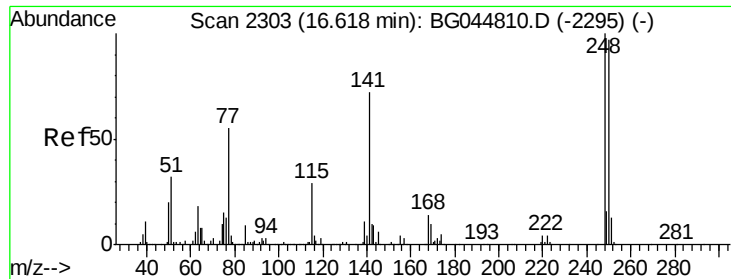


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

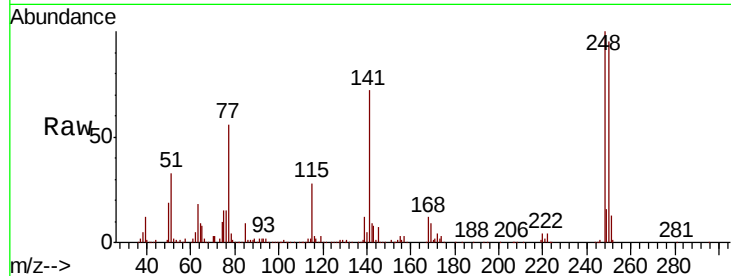




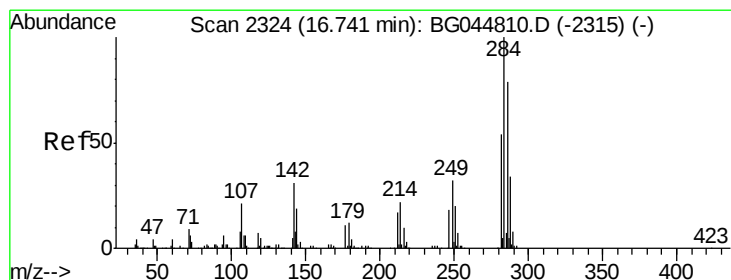
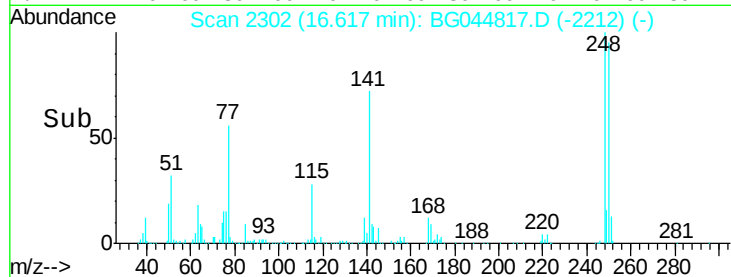
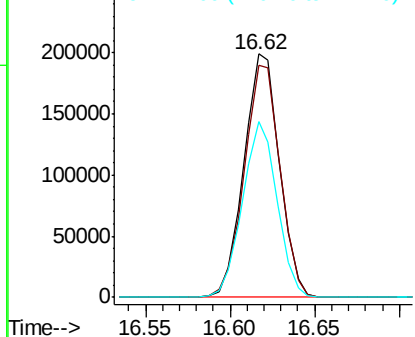
#67
4-Bromophenyl-phenylether
Concen: 38.460 ng
RT: 16.62 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 290948
Ion Ratio Lower Upper
248 100
250 95.5 77.9 116.9
141 72.3 57.5 86.3

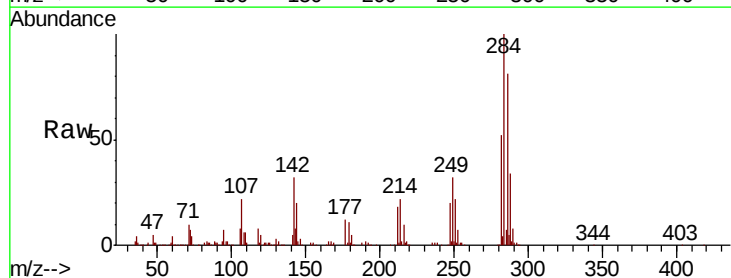


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

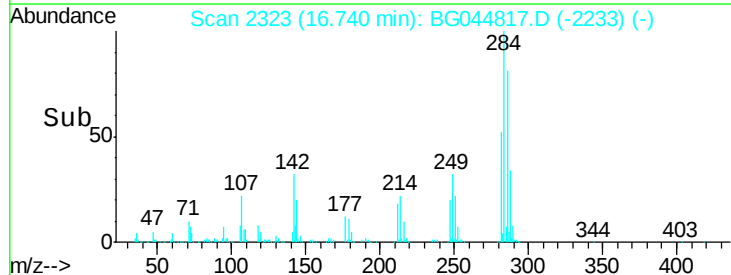
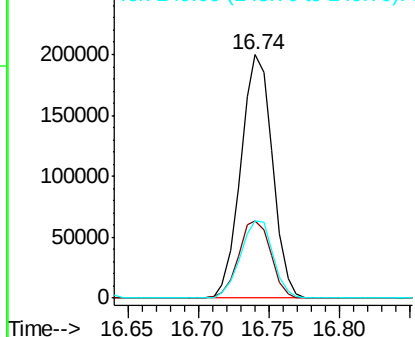


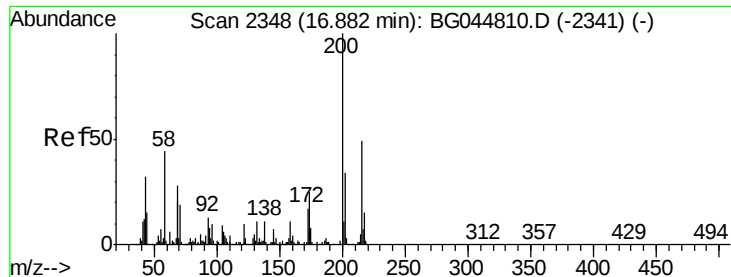
#68
Hexachlorobenzene
Concen: 38.152 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

Tgt Ion:284 Resp: 313125
Ion Ratio Lower Upper
284 100
142 31.5 25.0 37.6
249 31.8 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

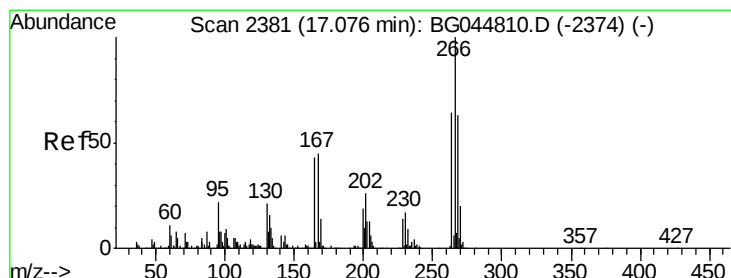
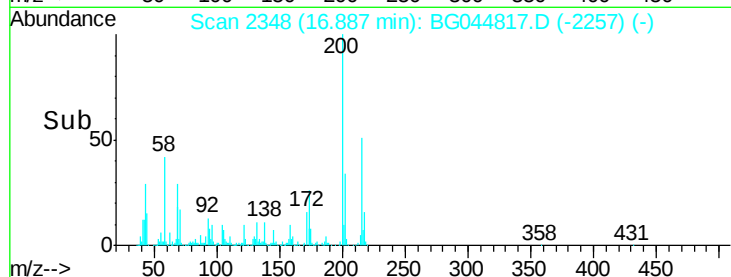
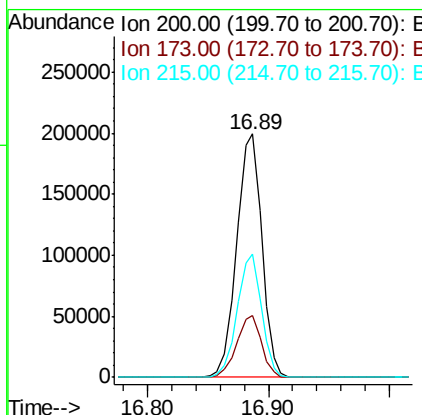
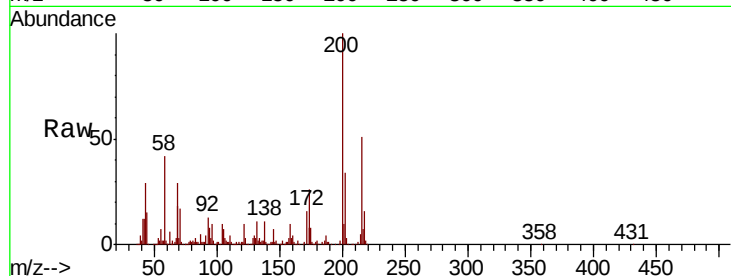




#69
Atrazine
Concen: 43.278 ng
RT: 16.89 min Scan# 2348
Delta R.T. 0.00 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

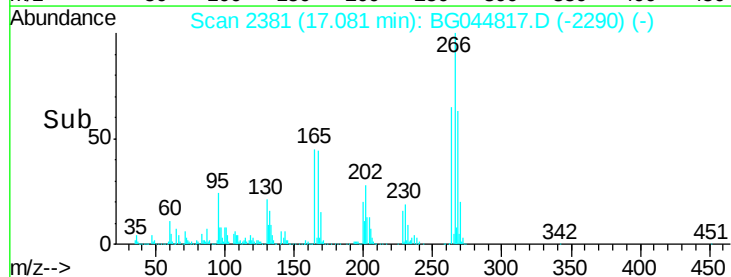
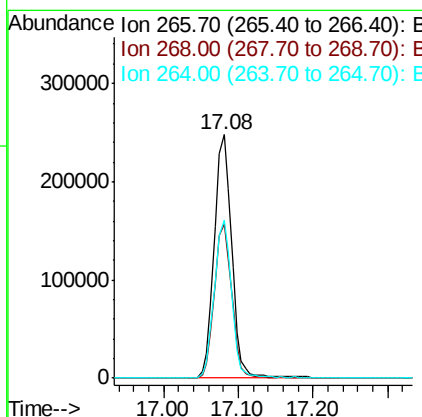
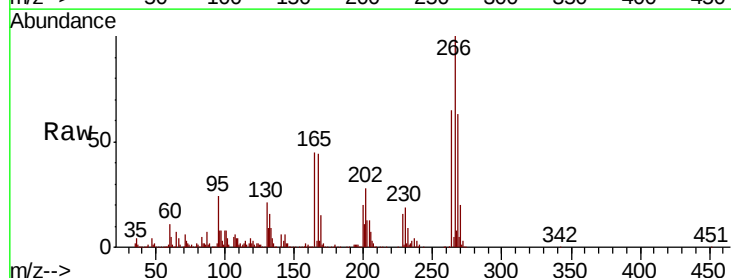
Instrument :
BNA_G
ClientSampleId :

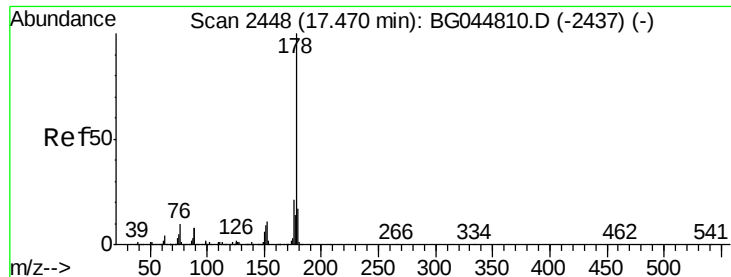
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.3	45.3
215	50.8	28.9	68.9



#70
Pentachlorophenol
Concen: 89.625 ng
RT: 17.08 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BG044817.D
Acq: 16 Mar 2020 17:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.3	75.5
264	64.9	51.4	77.2





#71

Phenanthrene

Concen: 39.295 ng

RT: 17.47 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

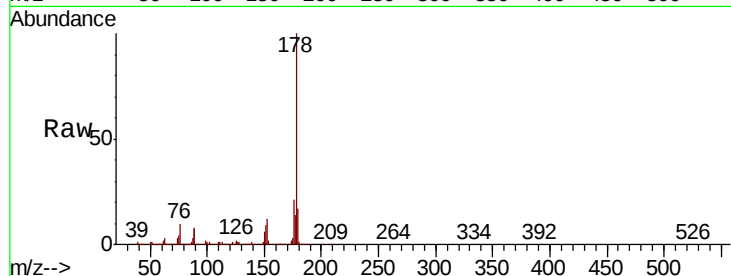
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1270697

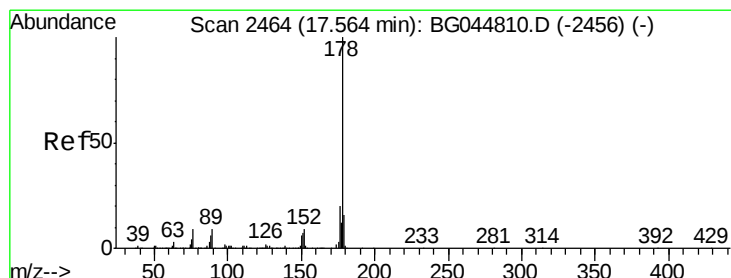
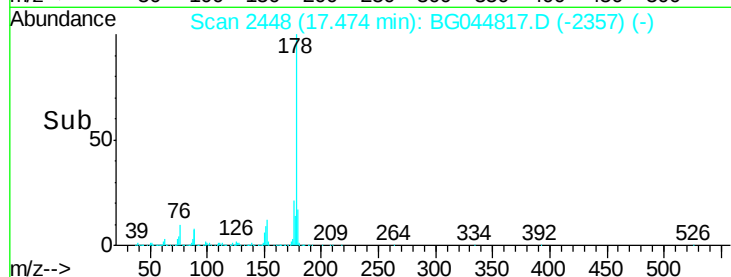
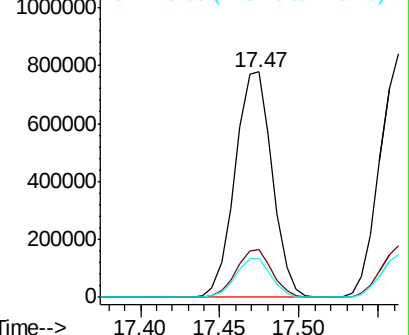
Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.6	24.8
179	17.2	13.5	20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.776 ng

RT: 17.56 min Scan# 2463

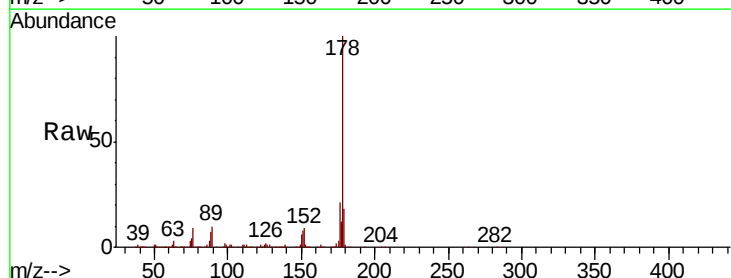
Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Tgt Ion:178 Resp: 1300206

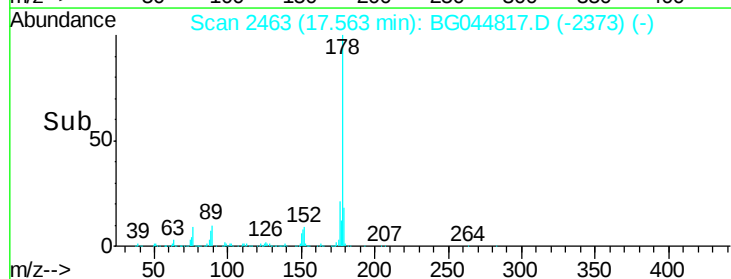
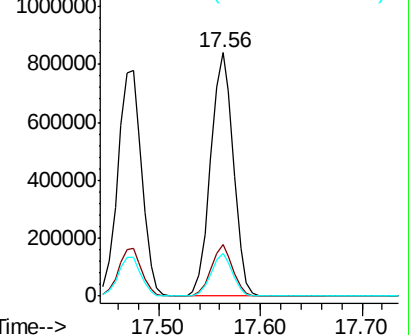
Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.9	23.9
179	17.6	13.2	19.8

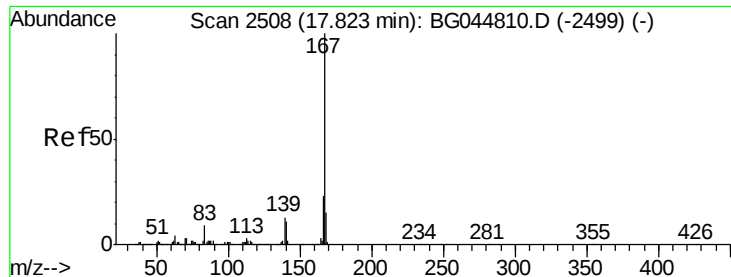


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

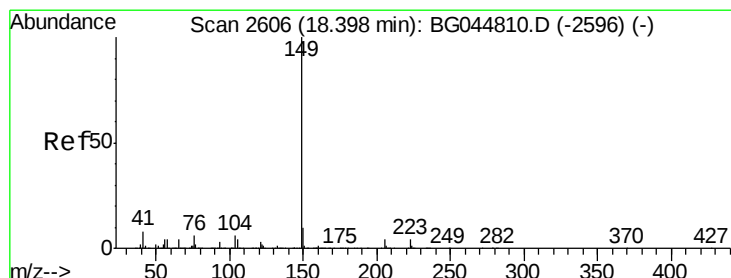
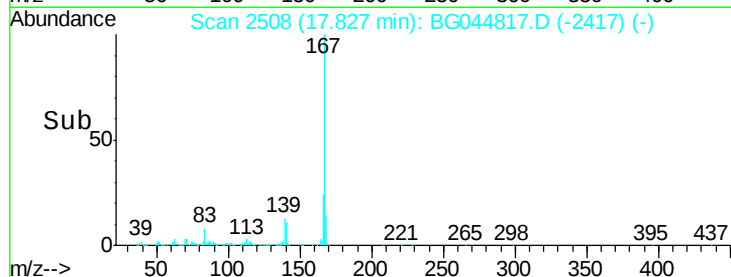
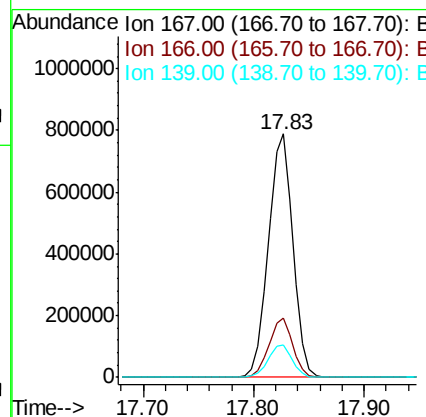
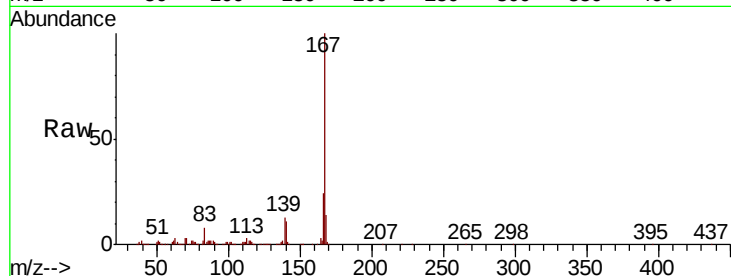




#73
 Carbazole
 Concen: 40.057 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG044817.D
 Acq: 16 Mar 2020 17:38

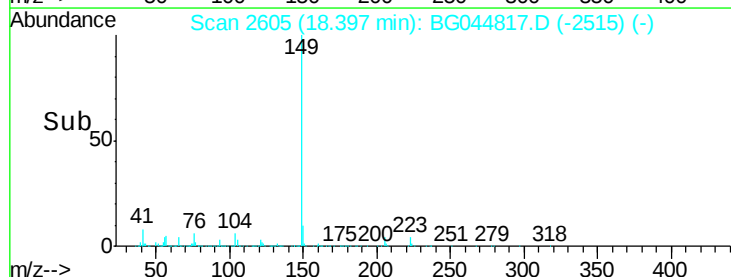
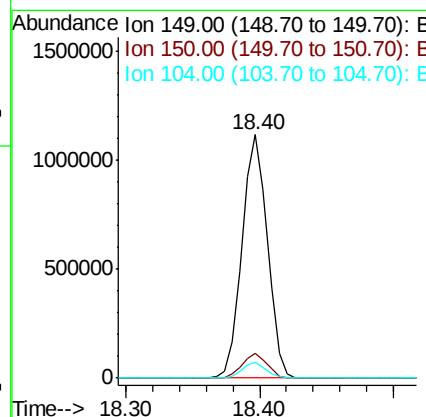
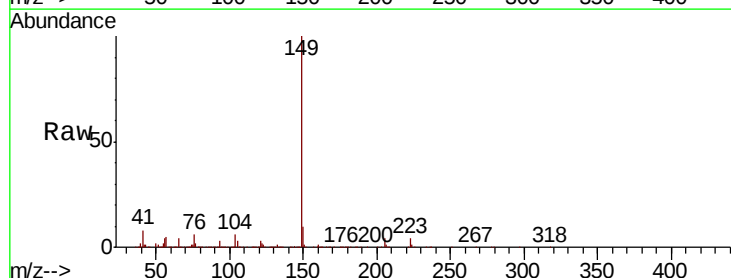
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1226916
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.8 28.2
 139 13.1 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 39.495 ng
 RT: 18.40 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: BG044817.D
 Acq: 16 Mar 2020 17:38

Tgt Ion:149 Resp: 1470538
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.1 12.1
 104 6.5 5.0 7.4





#75

Fluoranthene

Concen: 40.003 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Instrument :

BNA_G

ClientSampled :

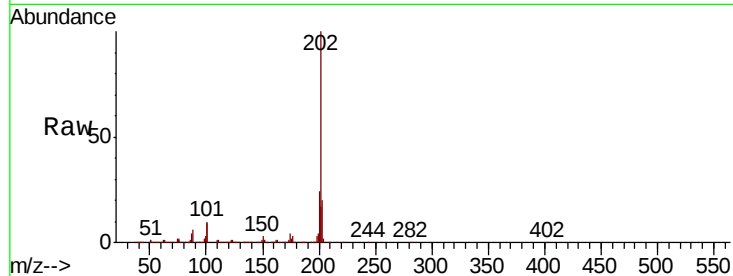
Tot Ion:202 Resp: 1540232

Ion Ratio Lower Upper

202 100

101 10.1 0.0 29.8

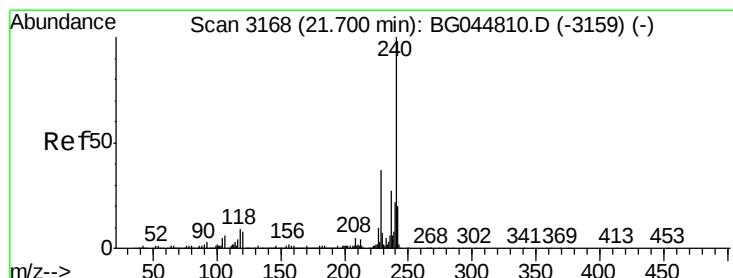
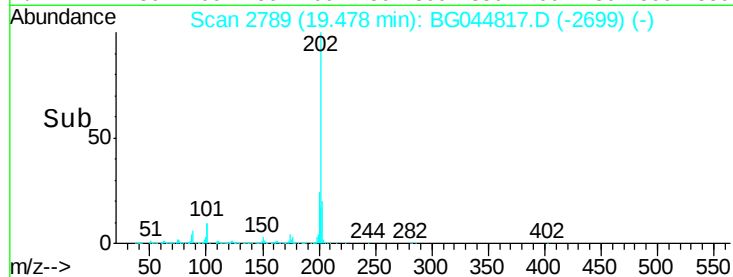
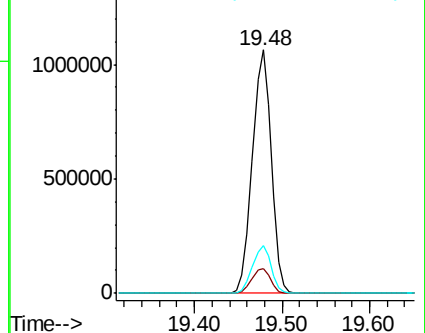
203 19.5 0.0 39.4



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: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

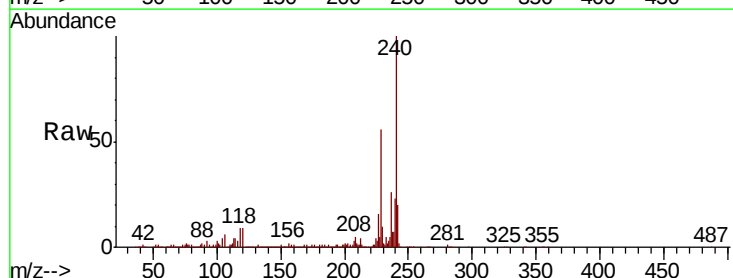
Tgt Ion:240 Resp: 519120

Ion Ratio Lower Upper

240 100

120 8.7 6.7 10.1

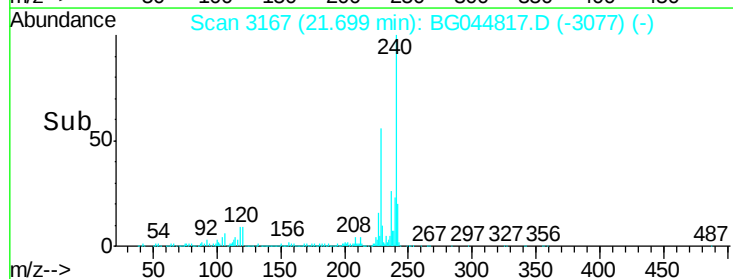
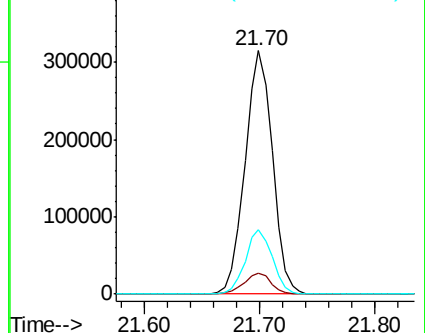
236 26.3 21.5 32.3

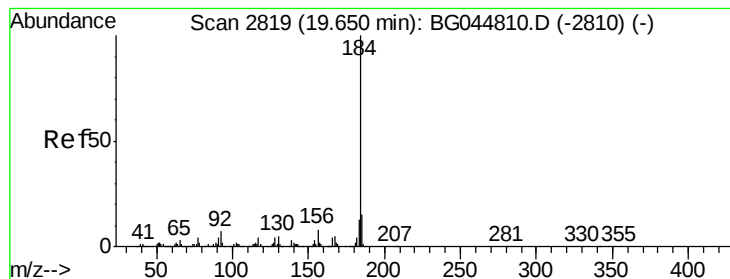


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.784 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Instrument :

BNA_G

ClientSampleId :

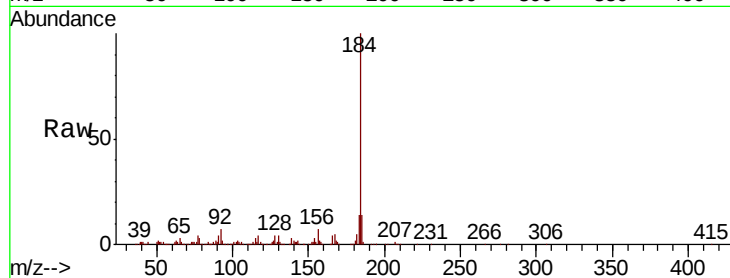
Tot Ion:184 Resp: 400831

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.4

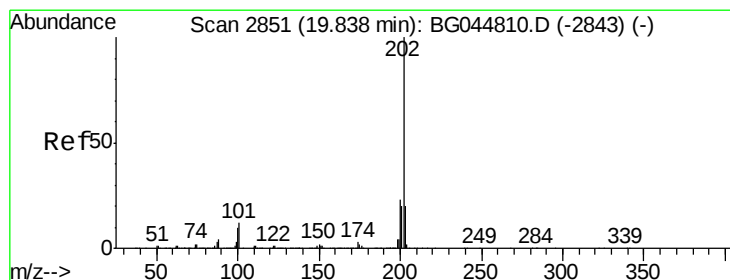
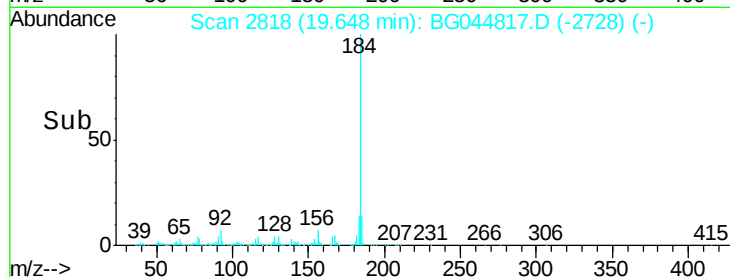
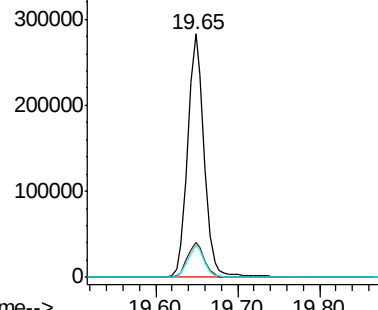
183 13.6 10.7 16.1



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: 40.268 ng

RT: 19.84 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

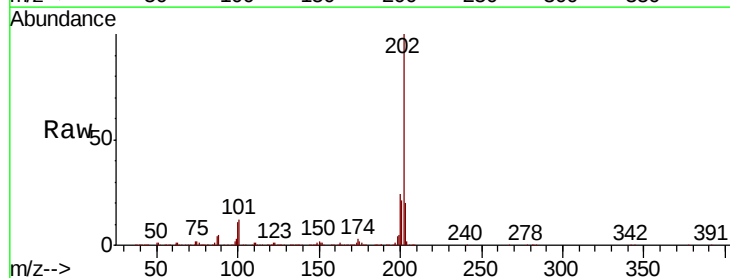
Tgt Ion:202 Resp: 1533645

Ion Ratio Lower Upper

202 100

200 23.7 18.3 27.5

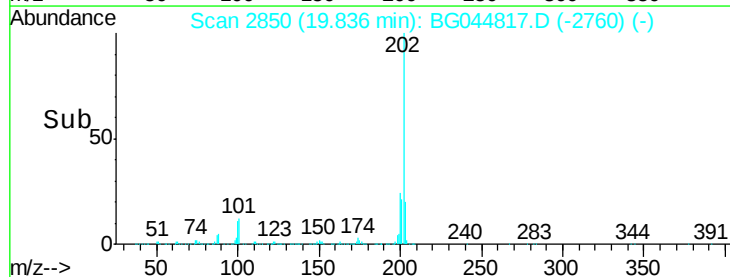
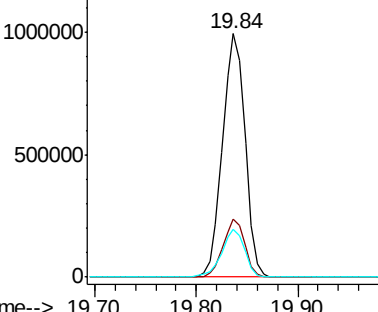
203 19.6 15.6 23.4

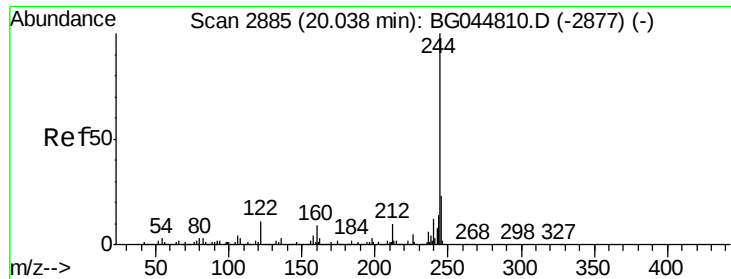


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.450 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Instrument :

BNA_G

ClientSampleId :

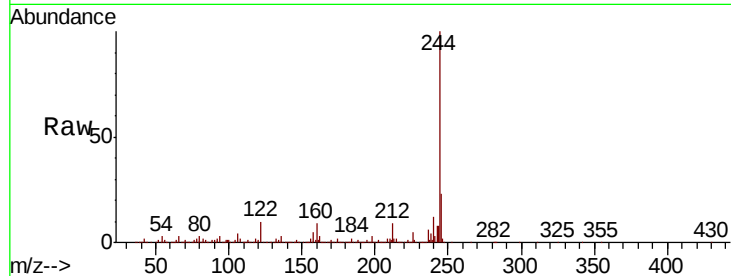
Tot Ion:244 Resp: 1760871

Ion Ratio Lower Upper

244 100

212 9.1 7.7 11.5

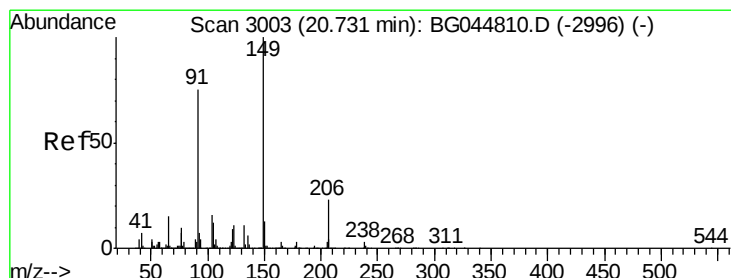
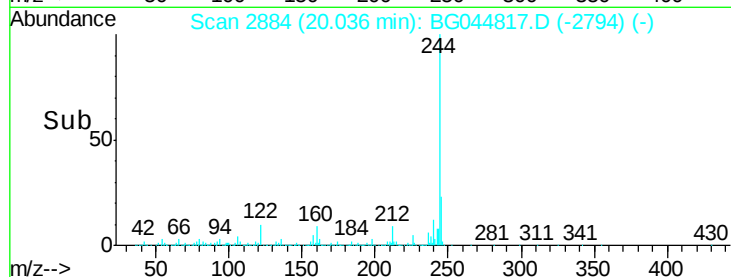
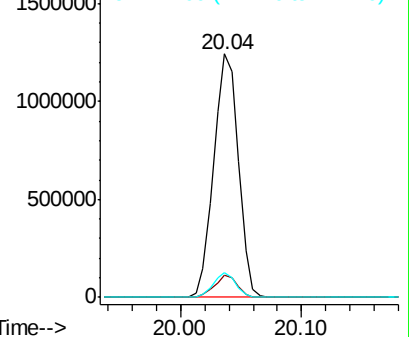
122 10.2 8.6 12.8



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: 38.541 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

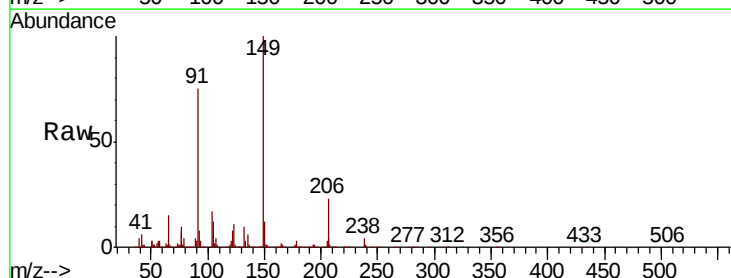
Tgt Ion:149 Resp: 653032

Ion Ratio Lower Upper

149 100

91 75.2 60.2 90.4

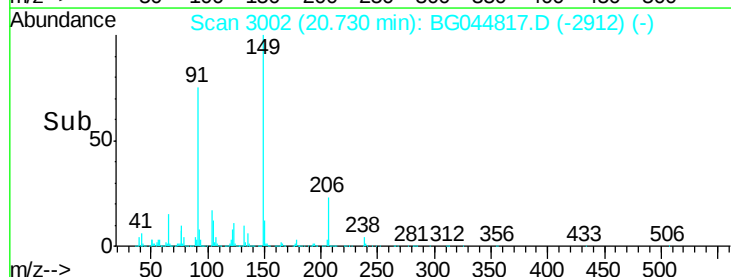
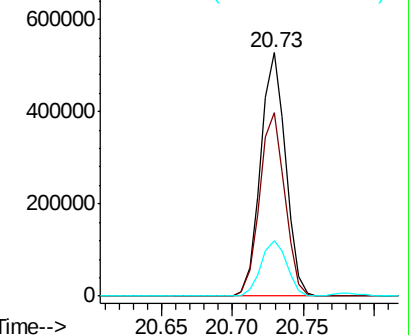
206 22.9 18.6 27.8

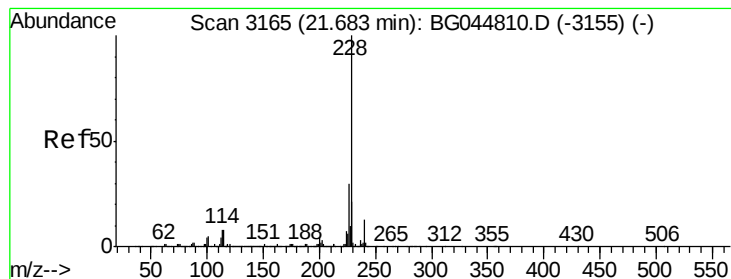


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.252 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

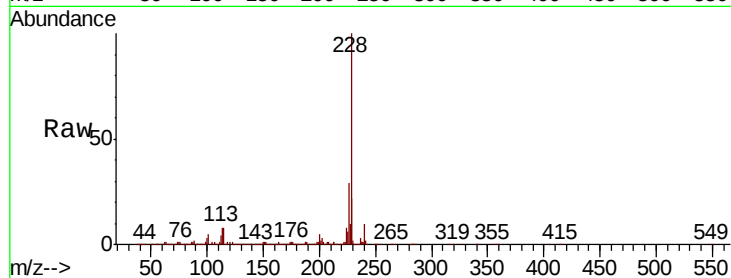
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1467265

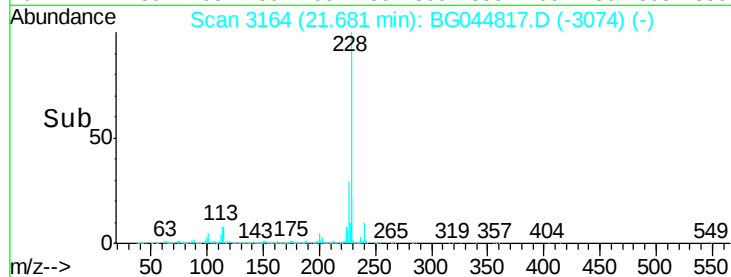
Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.6	35.4
229	21.6	17.1	25.7



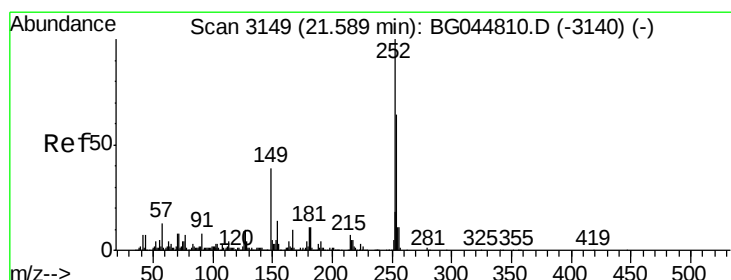
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 19.924 ng

RT: 21.59 min Scan# 3148

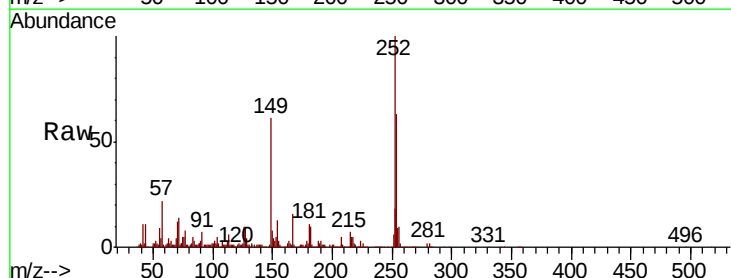
Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Tgt Ion:252 Resp: 288126

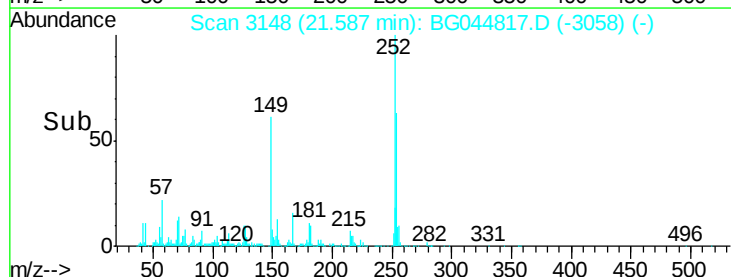
Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.6	77.4
126	10.1	7.0	10.6



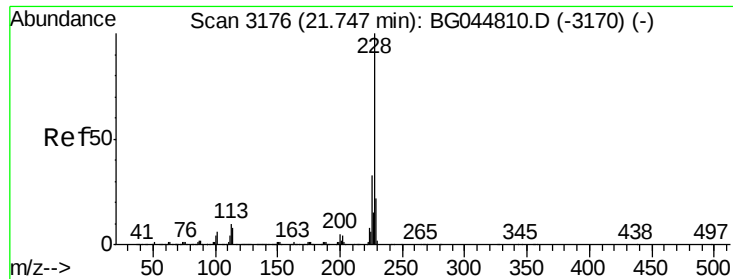
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#83

Chrysene

Concen: 38.642 ng

RT: 21.75 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

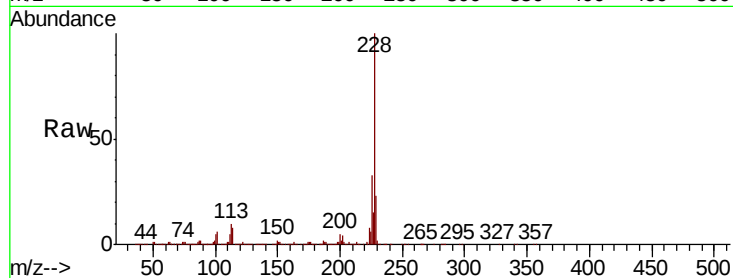
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1379798

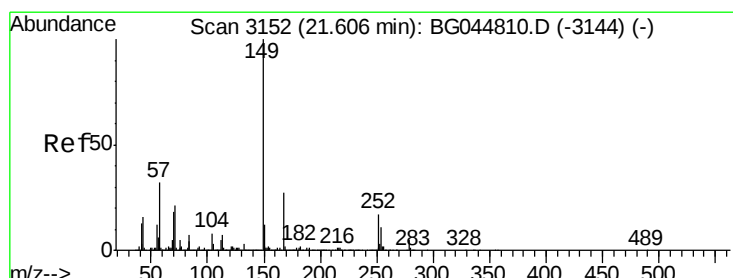
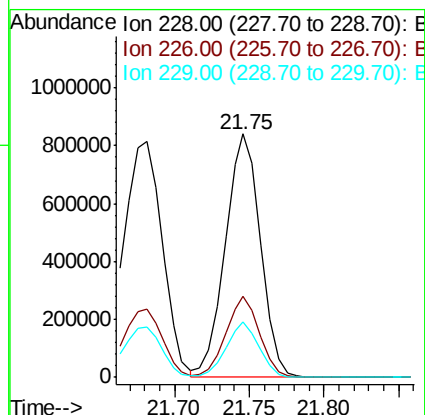
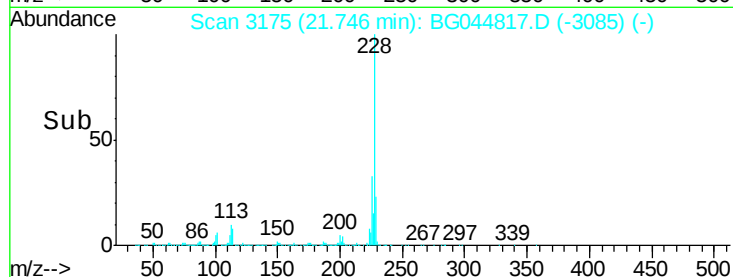
Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.9	38.9
229	22.6	17.4	26.0



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: 39.073 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

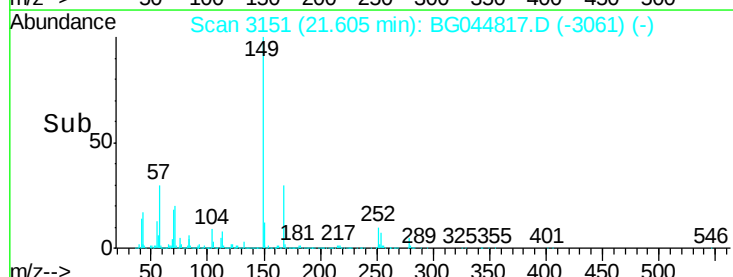
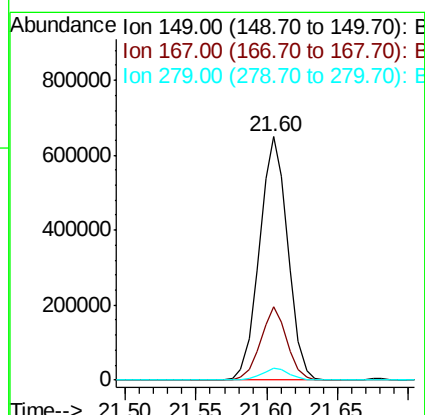
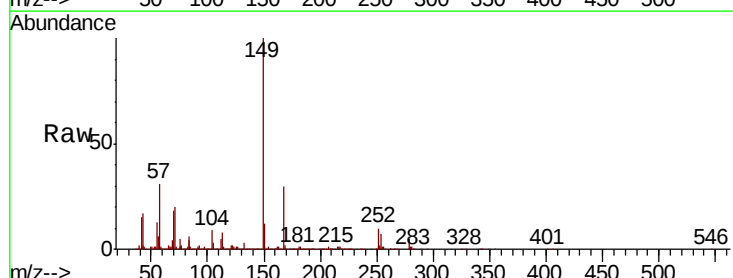
Tgt Ion:149 Resp: 913703

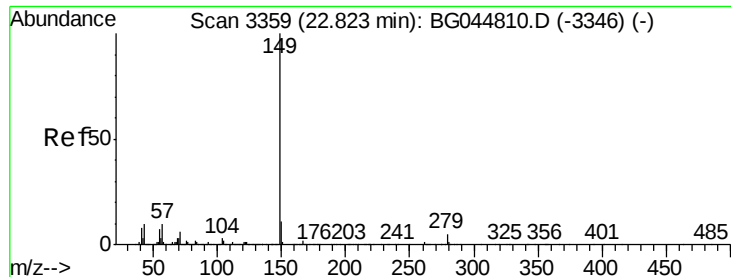
Ion	Ratio	Lower	Upper
149	100		
167	29.9	21.8	32.6
279	4.8	3.8	5.6

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: 39.992 ng

RT: 22.82 min Scan# 3358

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Instrument :

BNA_G

ClientSampleId :

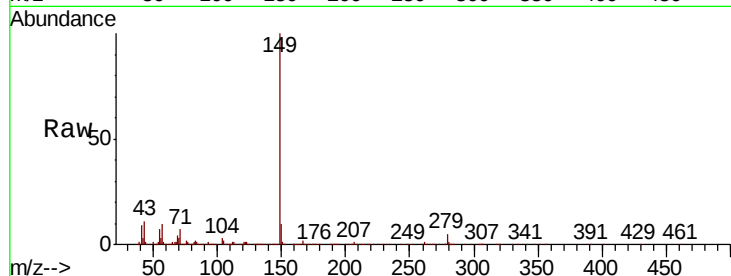
Tot Ion:149 Resp: 1564934

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

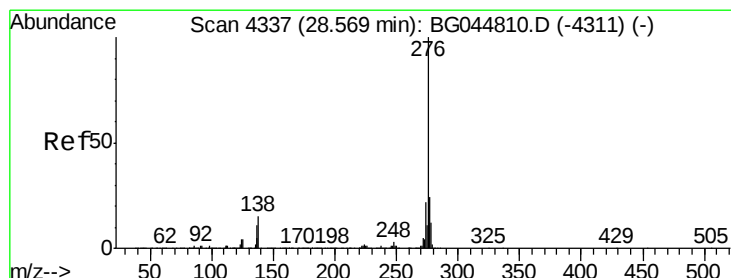
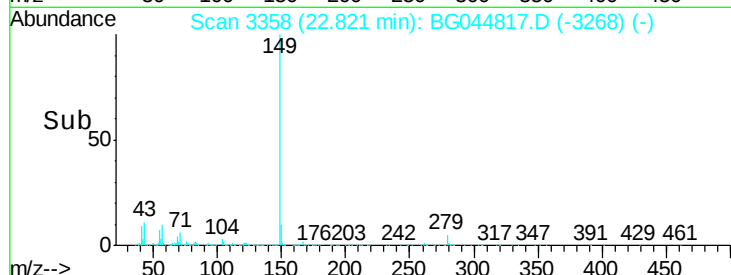
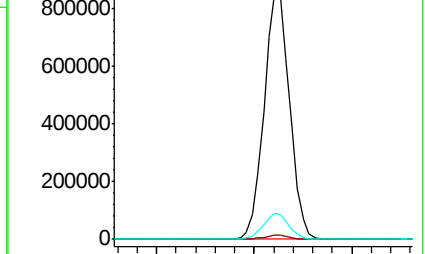
43 10.4 8.2 12.4



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: 39.825 ng

RT: 28.57 min Scan# 4336

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

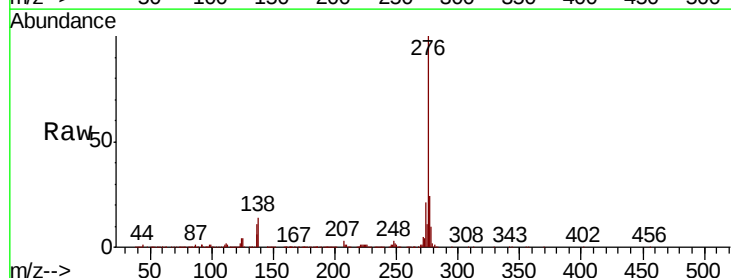
Tgt Ion:276 Resp: 1864321

Ion Ratio Lower Upper

276 100

138 18.2 7.4 11.0#

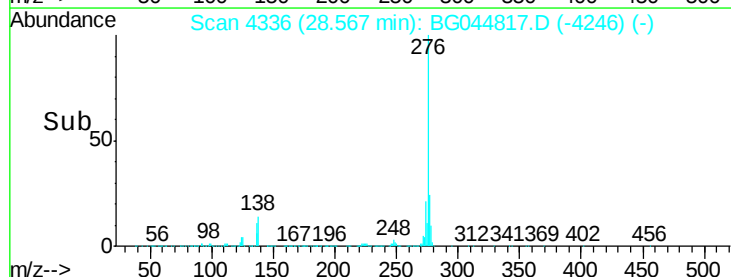
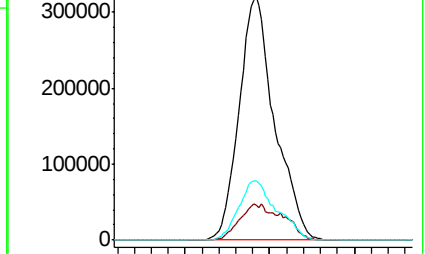
277 26.1 20.8 31.2

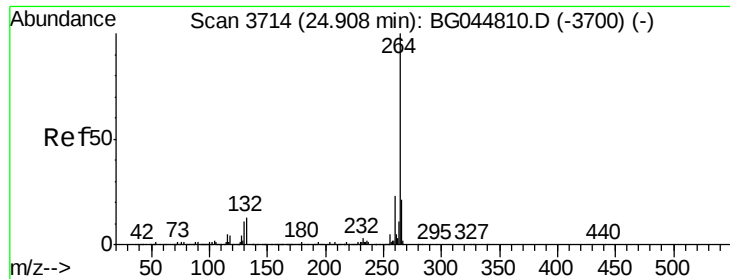


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.91 min Scan# 3713

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Instrument :

BNA_G

ClientSampled :

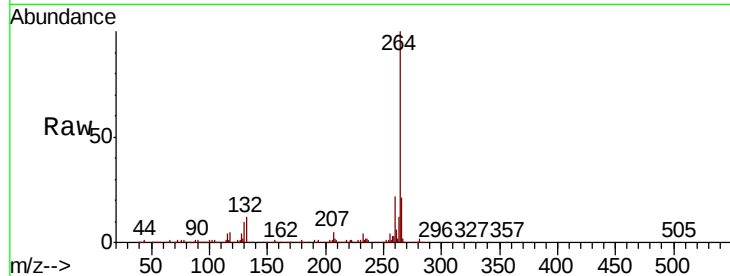
Tot Ion:264 Resp: 611550

Ion Ratio Lower Upper

264 100

260 21.9 18.1 27.1

265 20.9 17.1 25.7

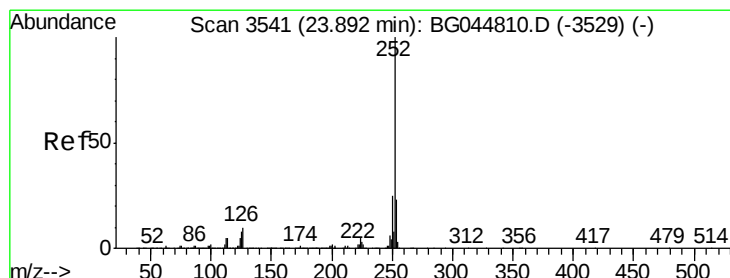
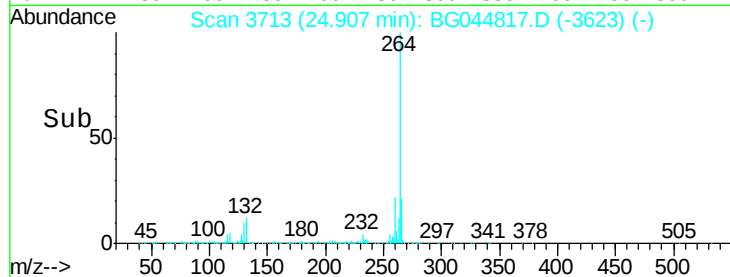
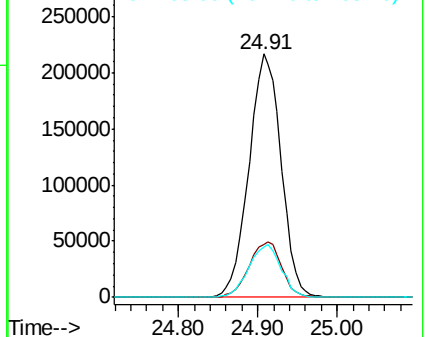


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.104 ng

RT: 23.90 min Scan# 3541

Delta R.T. 0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

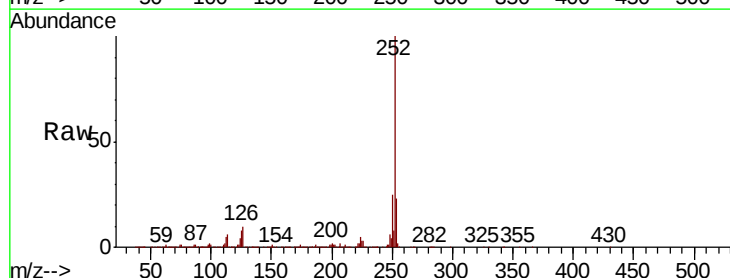
Tgt Ion:252 Resp: 1538363

Ion Ratio Lower Upper

252 100

253 23.5 18.1 27.1

125 7.6 6.6 9.8

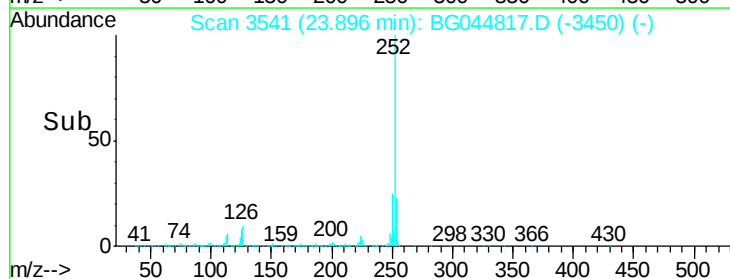
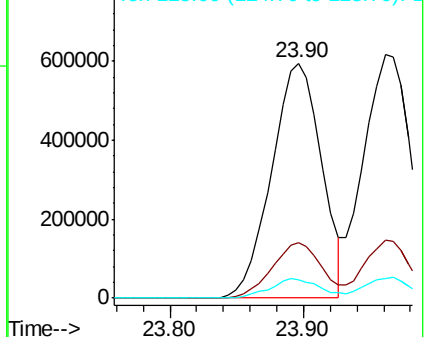


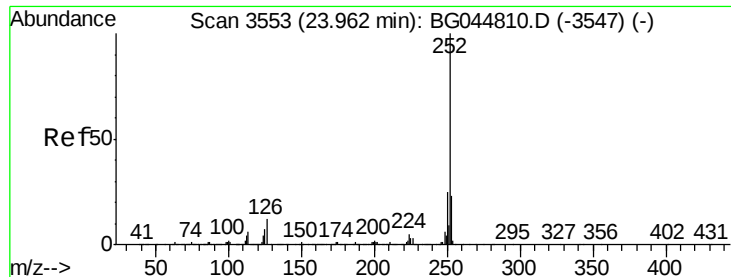
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.881 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Instrument :

BNA_G

ClientSampleId :

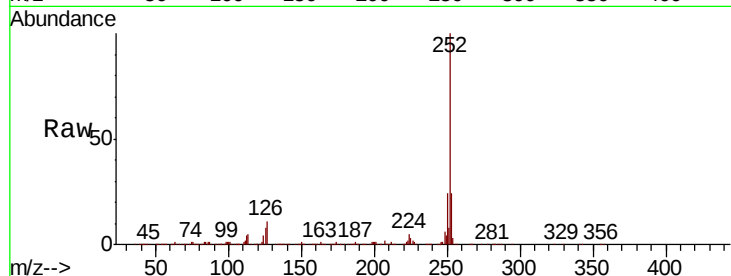
Tot Ion:252 Resp: 1523733

Ion Ratio Lower Upper

252 100

253 23.9 18.5 27.7

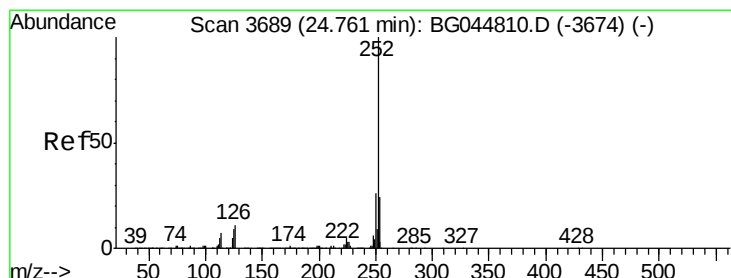
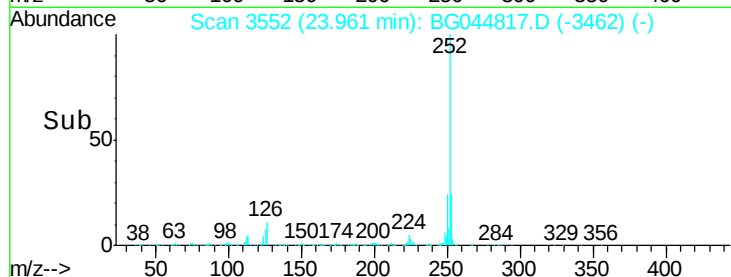
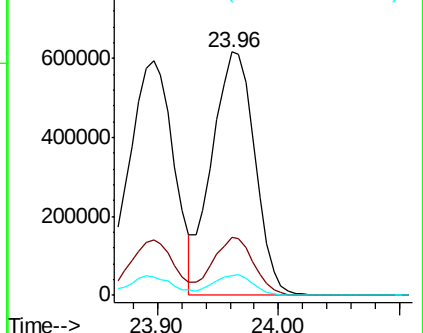
125 8.3 6.2 9.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 37.966 ng

RT: 24.76 min Scan# 3688

Delta R.T. -0.00 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

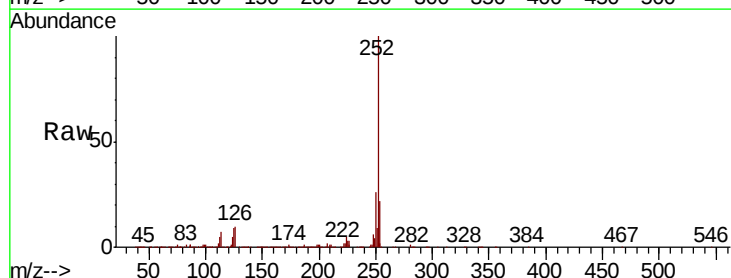
Tgt Ion:252 Resp: 1434252

Ion Ratio Lower Upper

252 100

253 22.1 19.4 29.0

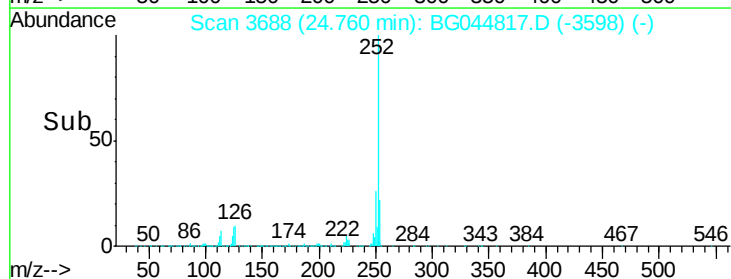
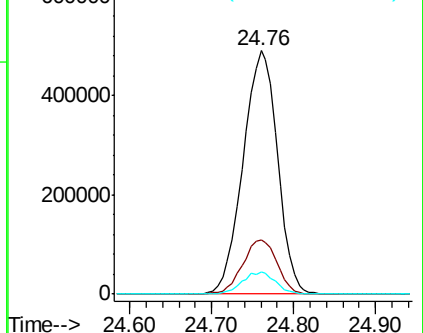
125 9.3 7.2 10.8

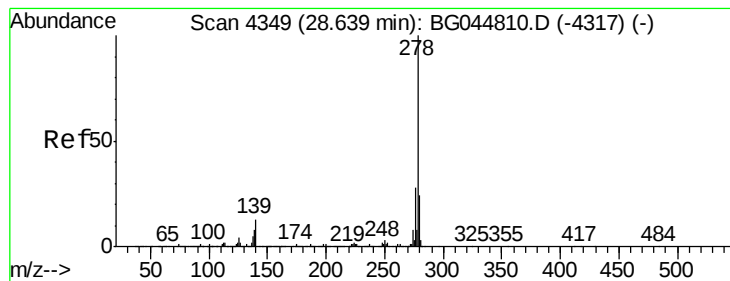


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.600 ng

RT: 28.63 min Scan# 4347

Delta R.T. -0.01 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

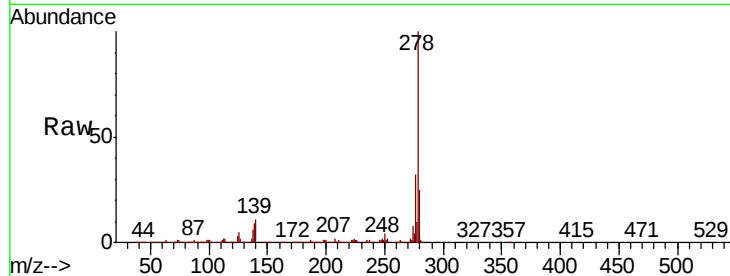
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1513162

Ion	Ratio	Lower	Upper
278	100		
139	11.5	10.2	15.2
279	25.1	18.9	28.3

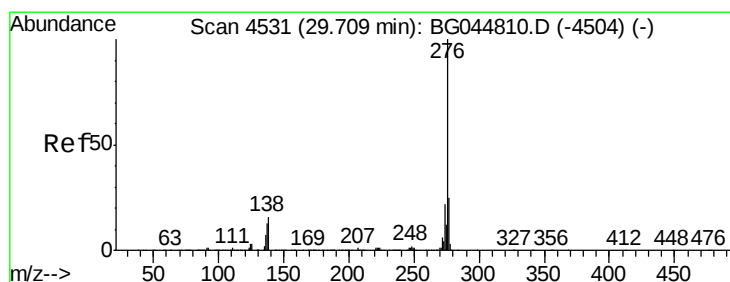
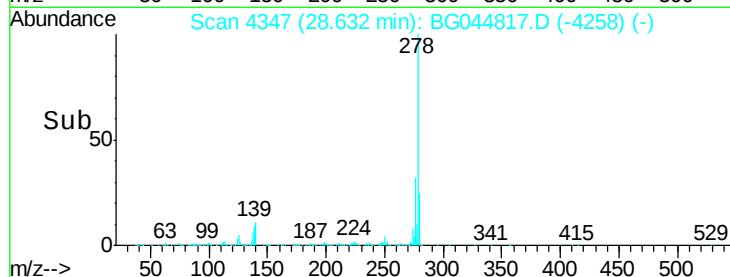
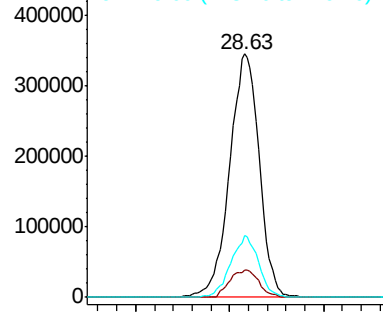


Abundance

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: 40.738 ng

RT: 29.70 min Scan# 4529

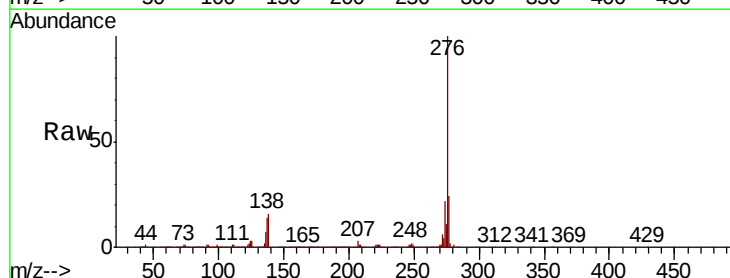
Delta R.T. -0.01 min

Lab File: BG044817.D

Acq: 16 Mar 2020 17:38

Tgt Ion:276 Resp: 1533960

Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.1	30.1
138	15.5	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

