

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044766.D
 Acq On : 13 Mar 2020 14:19
 Operator : CG/JU
 Sample : PB127481BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 13 15:19:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	130791	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	553696	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	382177	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	849855	20.00	ng	0.00
76) Chrysene-d12	21.71	240	728489	20.00	ng	0.00
87) Perylene-d12	24.92	264	688157	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1056579	125.76	ng	0.00
7) Phenol-d6	7.21	99	1511614	123.83	ng	0.00
23) Nitrobenzene-d5	9.21	82	848328	67.23	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	581164	116.14	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1722318	64.54	ng	0.00
79) Terphenyl-d14	20.05	244	2439384	62.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	134730	33.300	ng	98
3) Pyridine	3.91	79	349855	29.209	ng	98
4) n-Nitrosodimethylamine	3.82	42	180737	39.771	ng	98
6) Aniline	7.37	93	523467	34.462	ng	99
8) 2-Chlorophenol	7.62	128	401964	47.926	ng	99
9) Benzaldehyde	7.18	77	154207	17.152	ng	98
10) Phenol	7.24	94	565676	46.806	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	407570	42.256	ng	99
12) 1,3-Dichlorobenzene	7.94	146	397735	38.496	ng	95
13) 1,4-Dichlorobenzene	8.09	146	402748	39.430	ng	99
14) 1,2-Dichlorobenzene	8.41	146	389046	40.160	ng	97
15) Benzyl Alcohol	8.29	79	445447	45.480	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	648556	38.103	ng	99
17) 2-Methylphenol	8.49	107	390281	47.674	ng	97
18) Hexachloroethane	9.15	117	158789	39.486	ng	96
19) n-Nitroso-di-n-propylamine	8.87	70	358974	41.646	ng	98
20) 3+4-Methylphenols	8.82	107	530171	46.980	ng	98
22) Acetophenone	8.88	105	626341	39.929	ng	# 97
24) Nitrobenzene	9.25	77	533702	40.764	ng	98
25) Isophorone	9.78	82	987580	40.102	ng	# 97
26) 2-Nitrophenol	9.97	139	218502	48.063	ng	97
27) 2,4-Dimethylphenol	10.03	122	396495	49.440	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	564580	38.415	ng	96
29) 2,4-Dichlorophenol	10.50	162	414894	44.292	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	432889	38.649	ng	98
31) Naphthalene	10.92	128	1217359	39.689	ng	98
32) Benzoic acid	10.18	122	279754	45.427	ng	97
33) 4-Chloroaniline	11.01	127	327068	23.668	ng	98
34) Hexachlorobutadiene	11.21	225	282902	38.408	ng	98
35) Caprolactam	11.79	113	75960	21.418	ng	99
36) 4-Chloro-3-methylphenol	12.13	107	479650	42.934	ng	95
37) 2-Methylnaphthalene	12.52	142	912122	39.754	ng	97
38) 1-Methylnaphthalene	12.74	142	865564	40.128	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	487954	38.769	ng	99

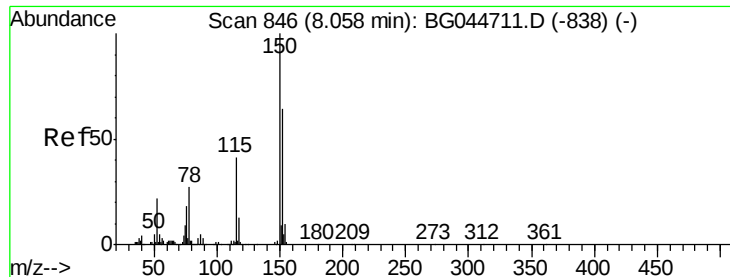
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044766.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	545747	79.341	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	358679	42.941	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	371924	42.935	ng	99
46) 1,1'-Biphenyl	13.52	154	1138293	37.271	ng	99
47) 2-Chloronaphthalene	13.57	162	871668	37.362	ng	98
48) 2-Nitroaniline	13.75	65	342730	41.961	ng	99
49) Acenaphthylene	14.41	152	1428630	39.087	ng	100
50) Dimethylphthalate	14.14	163	1152065	37.849	ng	100
51) 2,6-Dinitrotoluene	14.25	165	262980	42.862	ng	98
52) Acenaphthene	14.75	154	1028647	42.973	ng	98
53) 3-Nitroaniline	14.58	138	209352	29.679	ng	94
54) 2,4-Dinitrophenol	14.78	184	283070	87.428	ng	# 68
55) Dibenzofuran	15.09	168	1337315	38.526	ng	98
56) 4-Nitrophenol	14.89	139	476884	88.583	ng	98
57) 2,4-Dinitrotoluene	15.04	165	364998	43.376	ng	# 95
58) Fluorene	15.73	166	1094206	38.320	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.23	232	349101	43.773	ng	98
60) Diethylphthalate	15.51	149	1181737	37.223	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	603414	39.245	ng	99
62) 4-Nitroaniline	15.75	138	264696	35.191	ng	99
63) Azobenzene	16.02	77	1250050	37.917	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	205915	50.927	ng	98
66) n-Nitrosodiphenylamine	15.94	169	1001344	39.136	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	410712	38.657	ng	98
68) Hexachlorobenzene	16.74	284	437439	37.951	ng	99
69) Atrazine	16.89	200	415793	44.355	ng	99
70) Pentachlorophenol	17.09	266	553298	87.244	ng	98
71) Phenanthrene	17.48	178	1723184	37.943	ng	99
72) Anthracene	17.57	178	1726962	38.564	ng	100
73) Carbazole	17.83	167	1654319	38.458	ng	98
74) Di-n-butylphthalate	18.40	149	1924600	36.806	ng	98
75) Fluoranthene	19.48	202	2066350	38.213	ng	98
77) Benzidine	19.65	184	607368	25.682	ng	97
78) Pyrene	19.84	202	2055736	38.463	ng	96
80) Butylbenzylphthalate	20.73	149	903148	37.983	ng	99
81) Benzo(a)anthracene	21.69	228	2003723	38.198	ng	96
82) 3,3'-Dichlorobenzidine	21.60	252	711825	35.076	ng	98
83) Chrysene	21.75	228	1875584	37.431	ng	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	1247536	38.016	ng	99
85) Di-n-octyl phthalate	22.84	149	2136521	38.907	ng	99
86) Indeno(1,2,3-cd)pyrene	28.59	276	2556473	38.916	ng	99
88) Benzo(b)fluoranthene	23.91	252	2198205	48.386	ng	100
89) Benzo(k)fluoranthene	23.98	252	2046581	47.603	ng	99
90) Benzo(a)pyrene	24.78	252	1988105	46.768	ng	100
91) Dibenzo(a,h)anthracene	28.65	278	2070657	49.374	ng	99
92) Benzo(g,h,i)perylene	29.74	276	2106407	49.713	ng	98

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

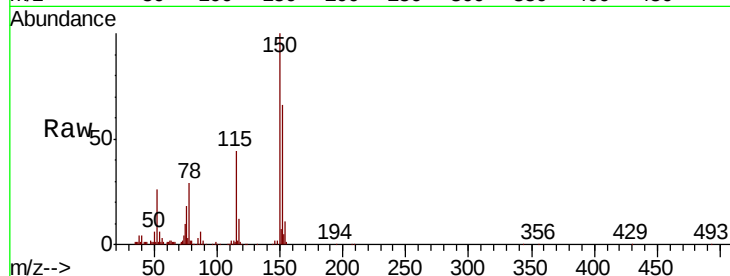


#1

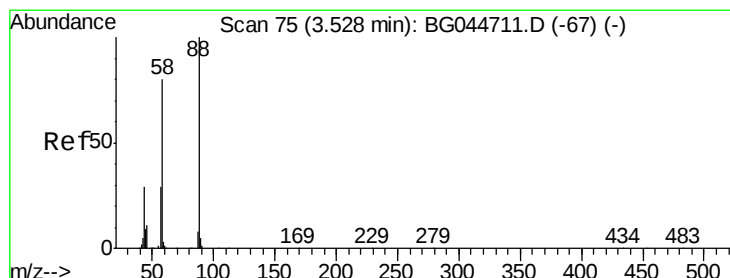
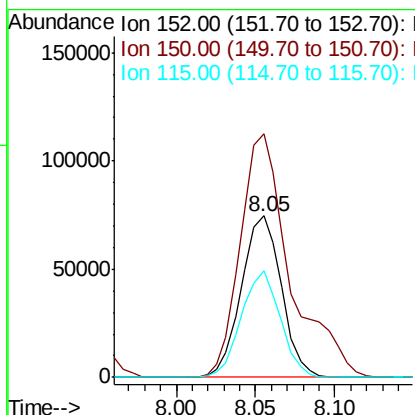
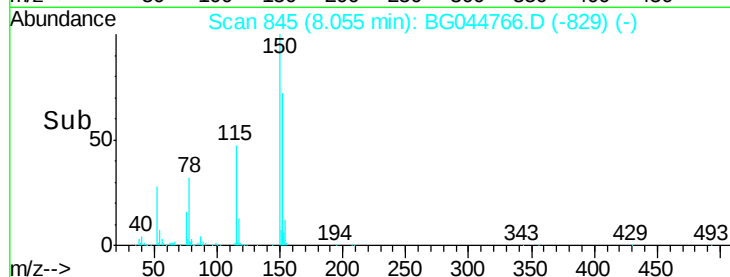
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 130791
Ion Ratio Lower Upper
152 100
150 151.0 125.3 187.9
115 65.9 51.7 77.5



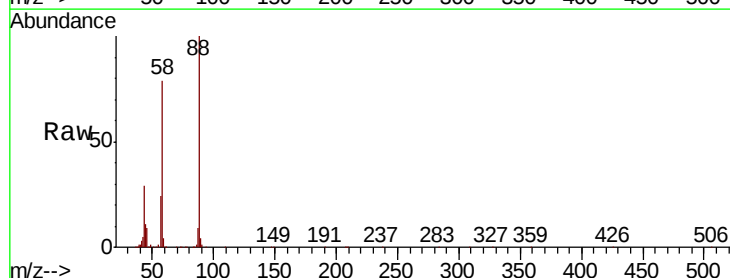
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



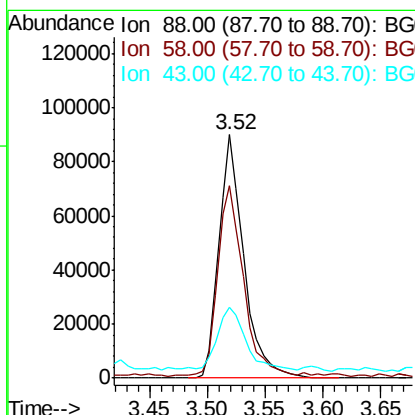
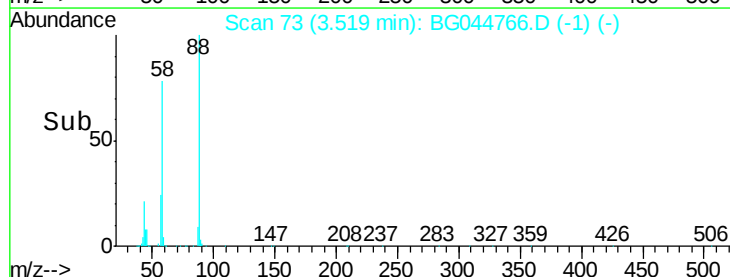
#2

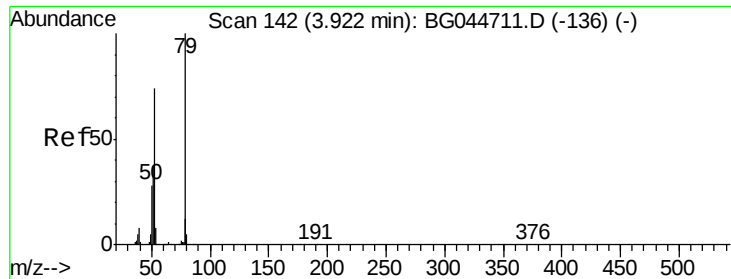
1,4-Dioxane
Concen: 33.300 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion: 88 Resp: 134730
Ion Ratio Lower Upper
88 100
58 81.1 63.0 94.4
43 28.5 23.2 34.8



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: 29.209 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

ClientSampleId :

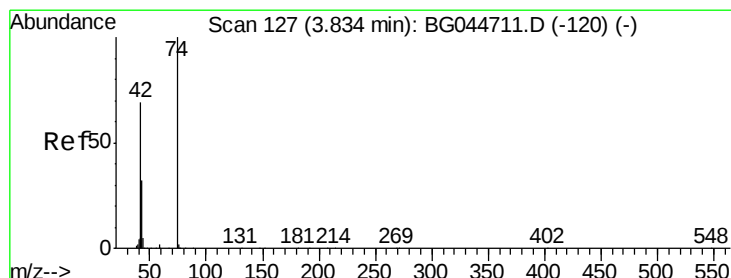
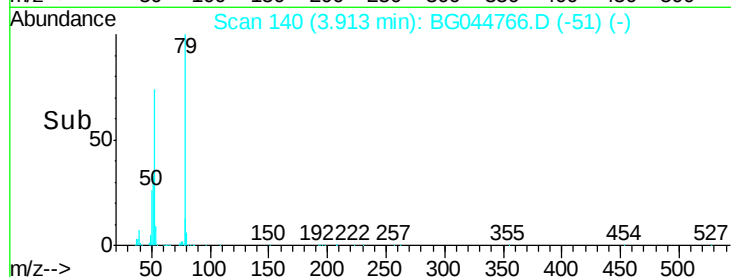
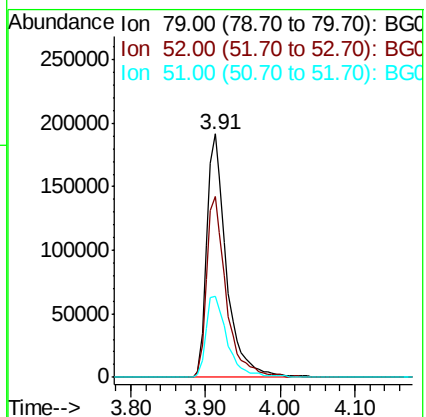
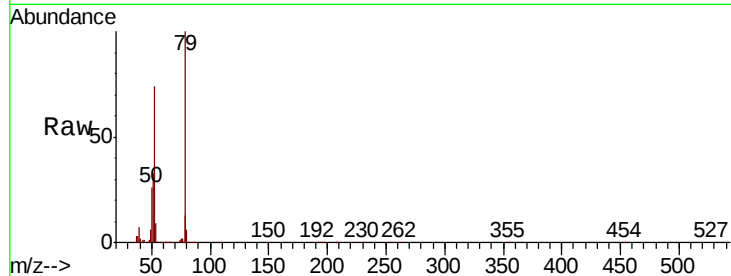
Tot Ion: 79 Resp: 349855

Ion Ratio Lower Upper

79 100

52 74.4 59.4 89.2

51 33.4 29.7 44.5



#4

n-Nitrosodimethylamine

Concen: 39.771 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

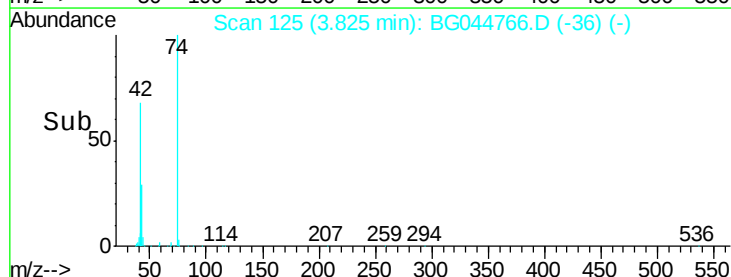
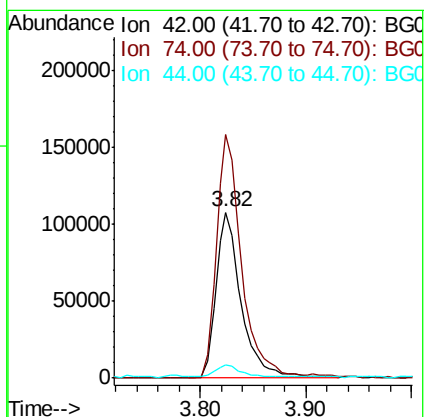
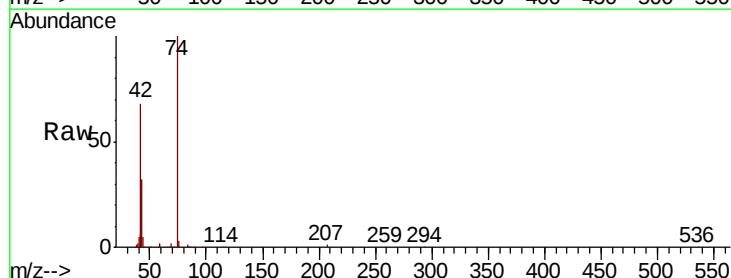
Tgt Ion: 42 Resp: 180737

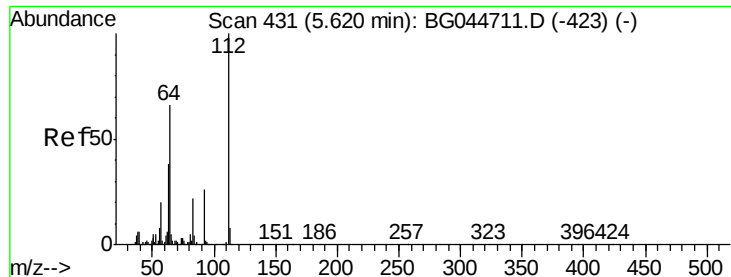
Ion Ratio Lower Upper

42 100

74 147.0 116.1 174.1

44 8.0 7.1 10.7





#5

2-Fluorophenol

Concen: 125.755 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

ClientSampleId :

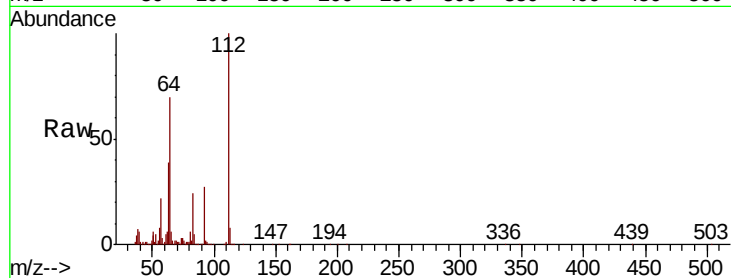
Tot Ion:112 Resp: 1056579

Ion Ratio Lower Upper

112 100

64 70.3 52.6 78.8

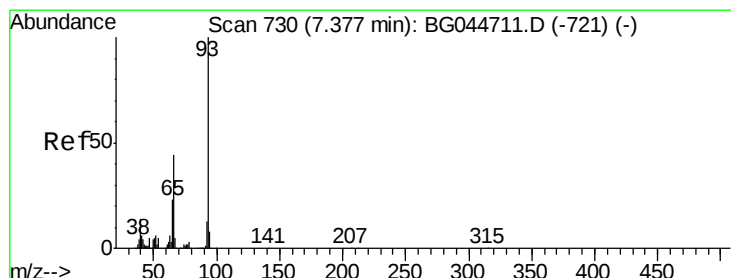
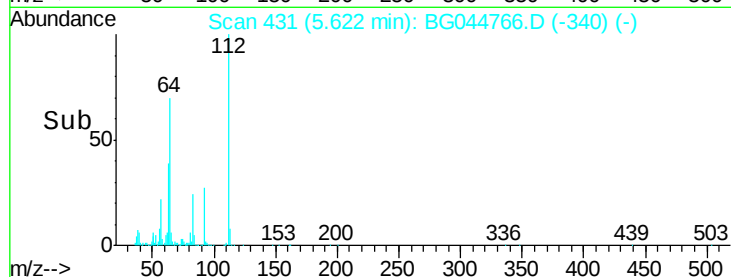
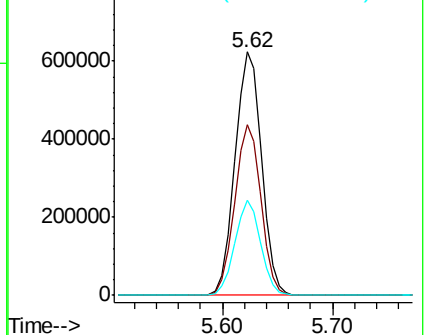
63 39.0 30.2 45.4



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: 34.462 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

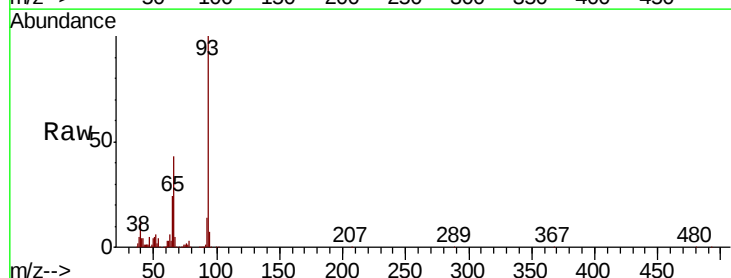
Tgt Ion: 93 Resp: 523467

Ion Ratio Lower Upper

93 100

66 43.4 35.3 52.9

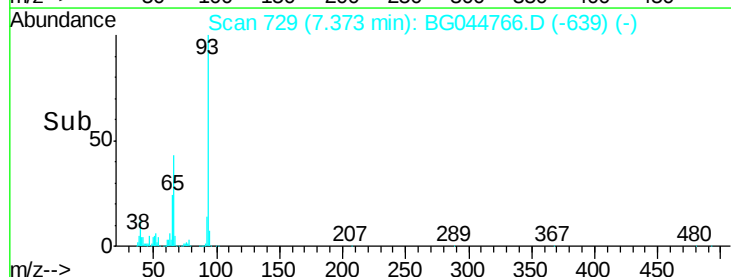
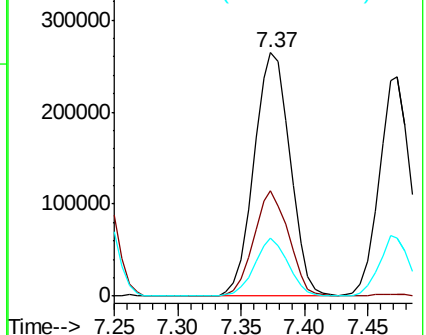
65 23.7 18.2 27.4

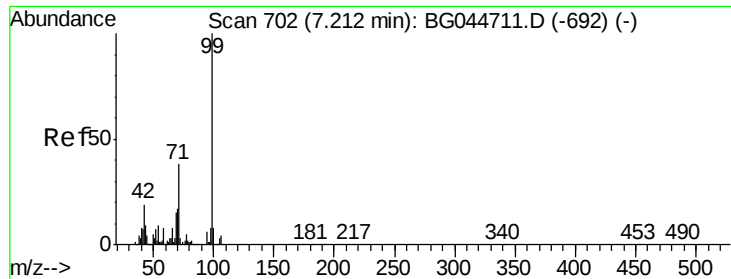


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.829 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

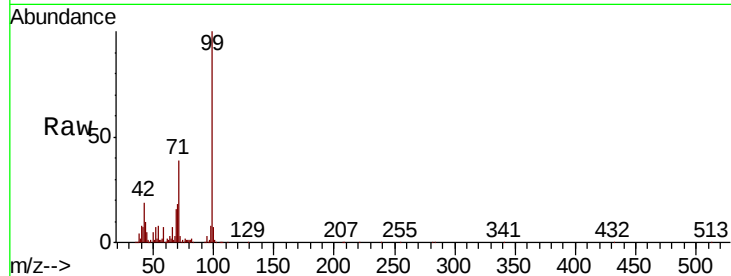
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1511614

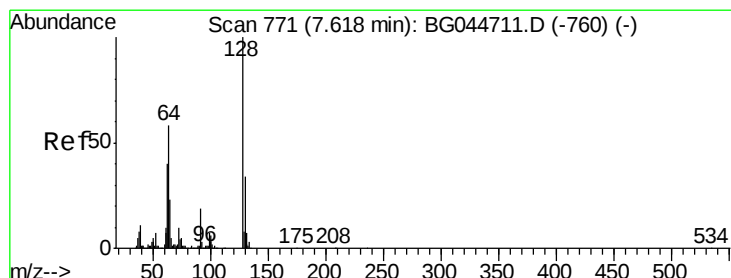
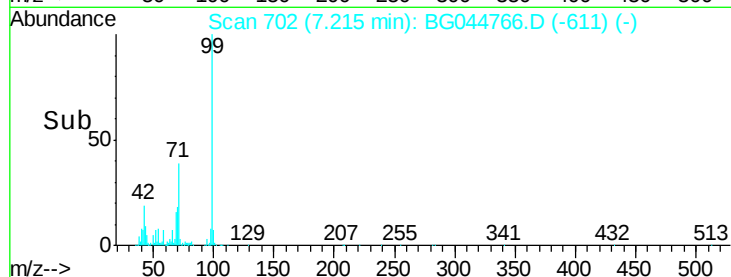
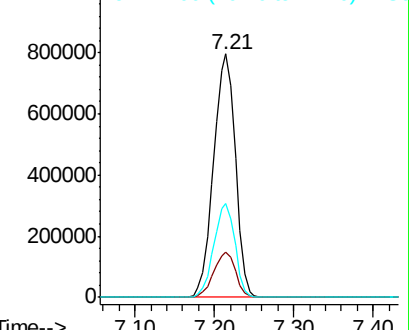
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.4	23.0
71	38.6	30.2	45.4



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 47.926 ng

RT: 7.62 min Scan# 771

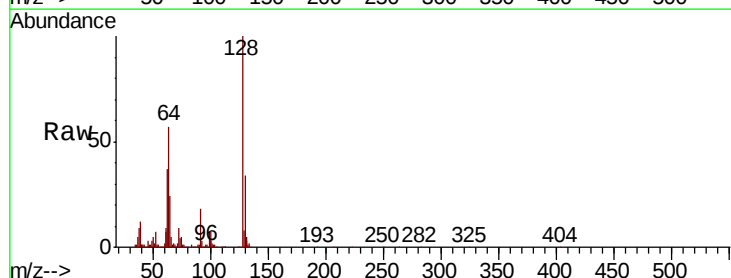
Delta R.T. 0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Tgt Ion:128 Resp: 401964

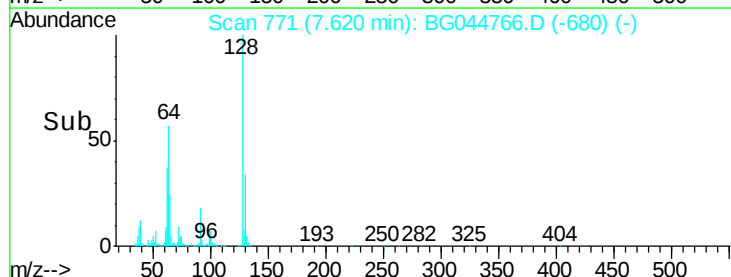
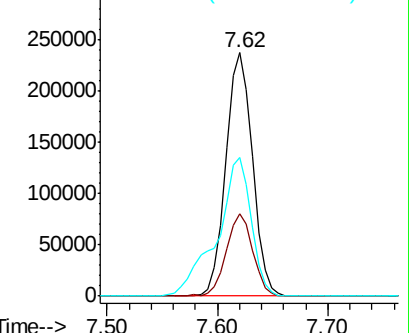
Ion	Ratio	Lower	Upper
128	100		
130	33.6	13.6	53.6
64	57.1	38.6	78.6

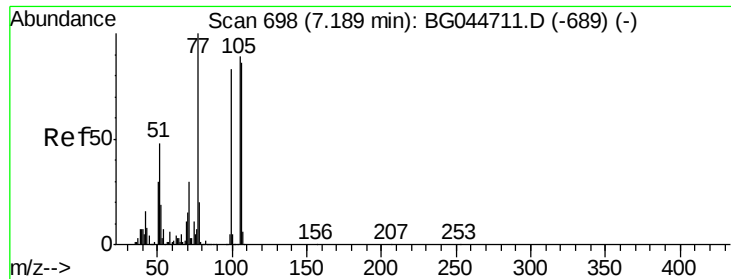


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 17.152 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

ClientSampled :

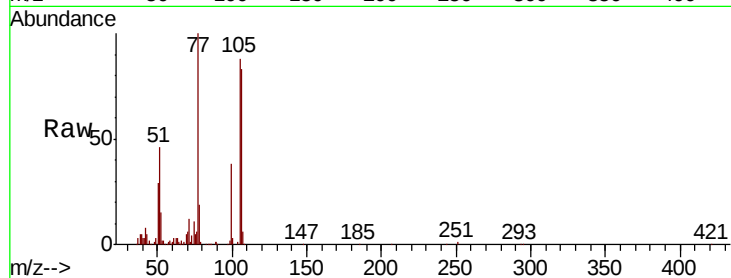
Tot Ion: 77 Resp: 154207

Ion Ratio Lower Upper

77 100

105 87.7 68.6 108.6

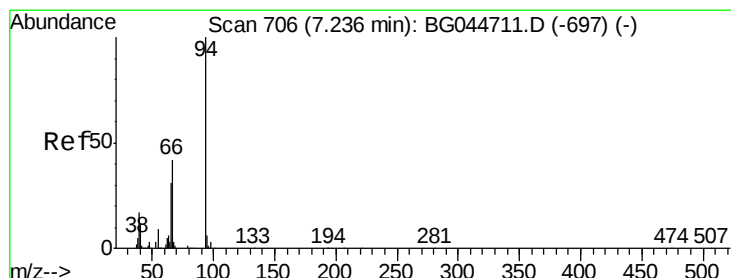
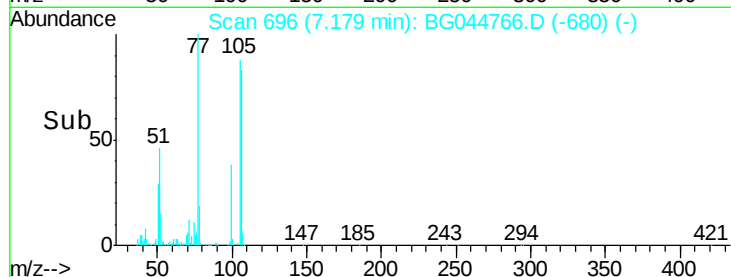
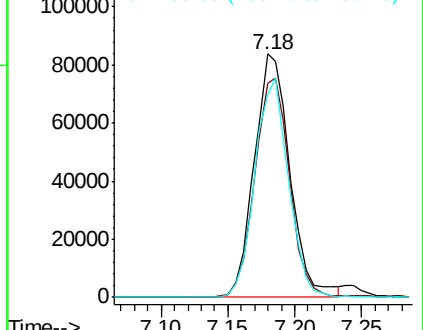
106 83.2 65.9 105.9



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.806 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

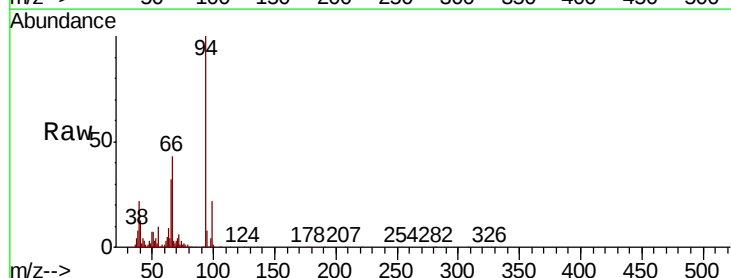
Tgt Ion: 94 Resp: 565676

Ion Ratio Lower Upper

94 100

65 32.1 11.3 51.3

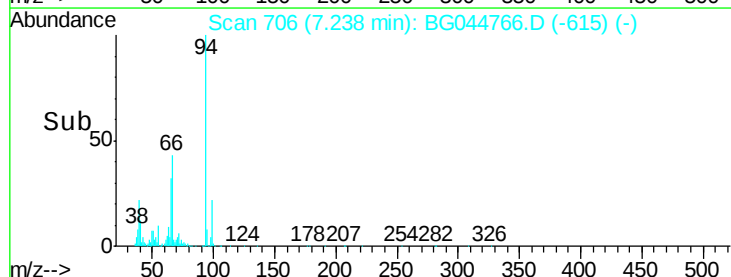
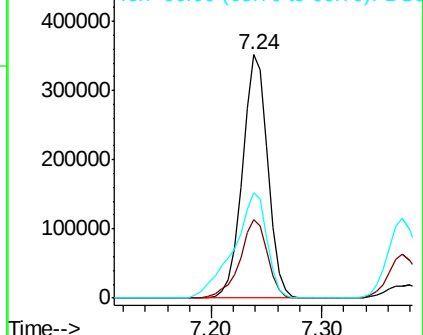
66 43.4 22.9 62.9

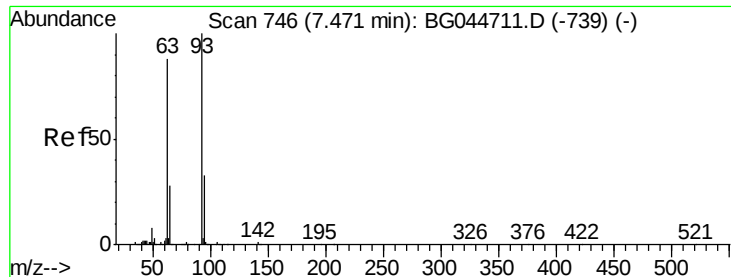


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

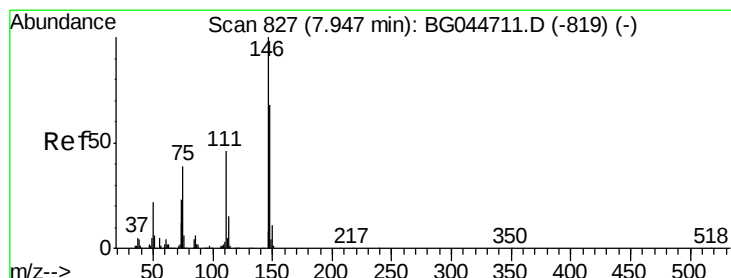
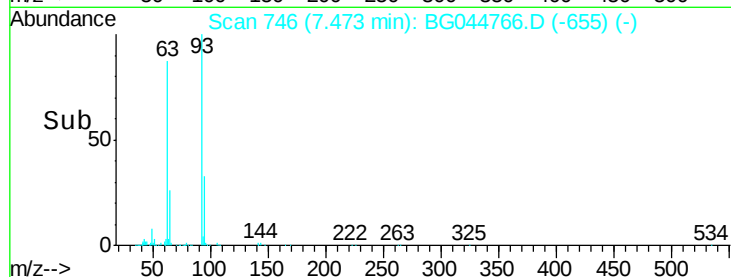
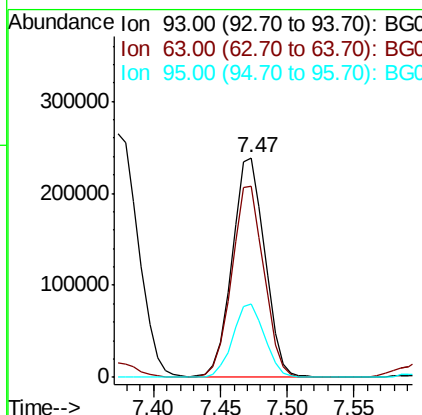
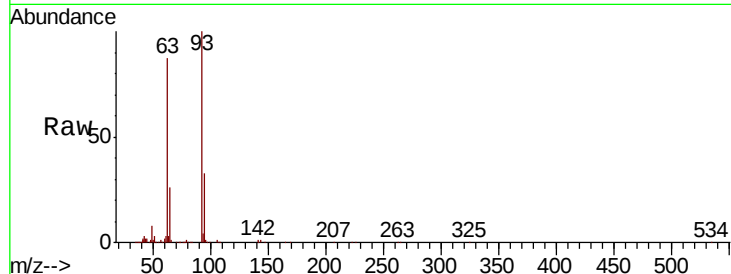




#11
bis(2-Chloroethyl)ether
Concen: 42.256 ng
RT: 7.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

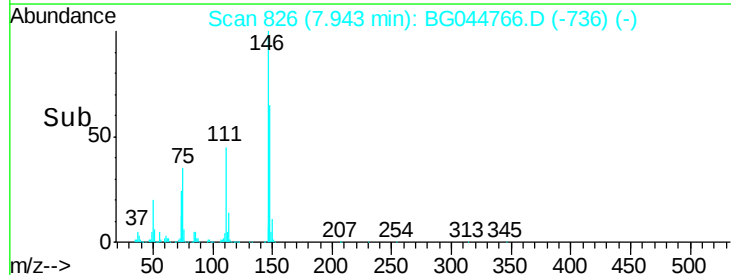
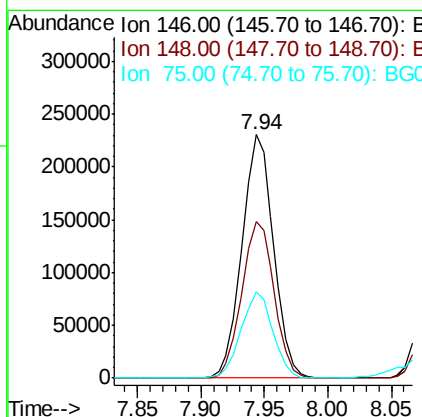
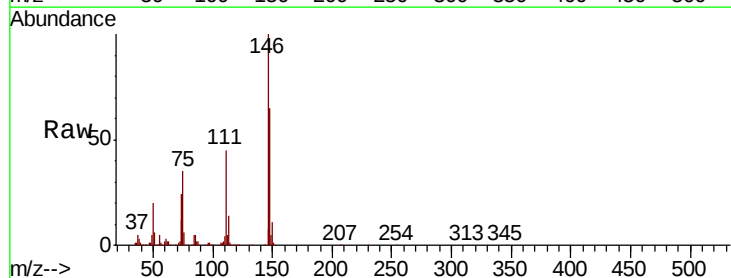
Instrument :
BNA_G
ClientSampleId :

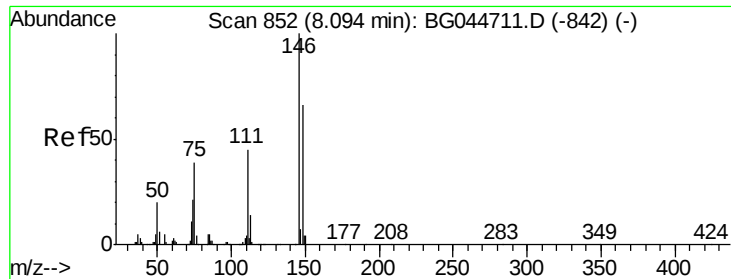
Tot Ion	Ratio	Lower	Upper
93	100		
63	87.1	68.1	108.1
95	33.1	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 38.496 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	54.2	81.2
75	35.2	31.3	46.9

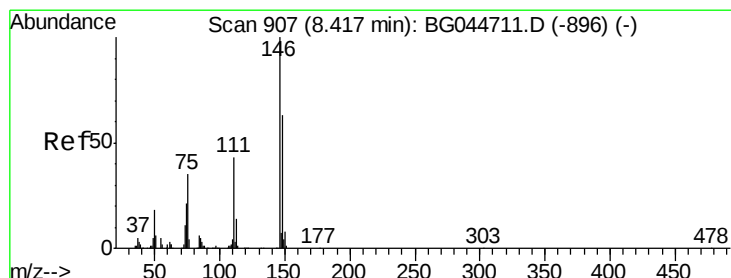
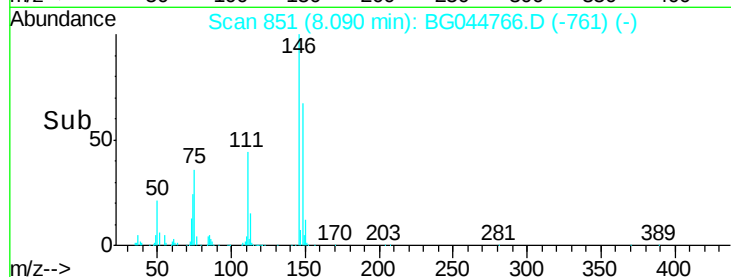
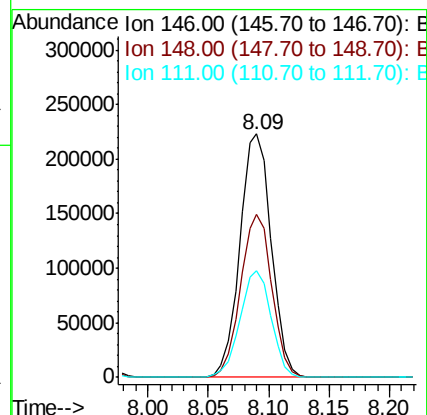
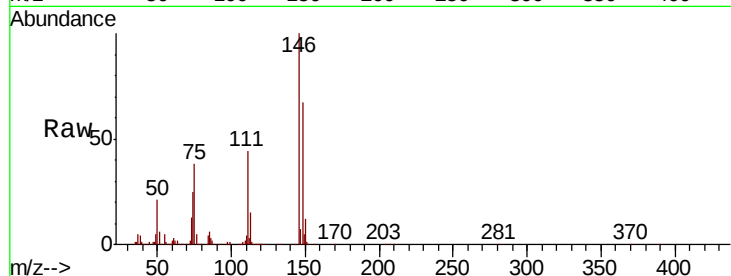




#13
 1,4-Dichlorobenzene
 Concen: 39.430 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

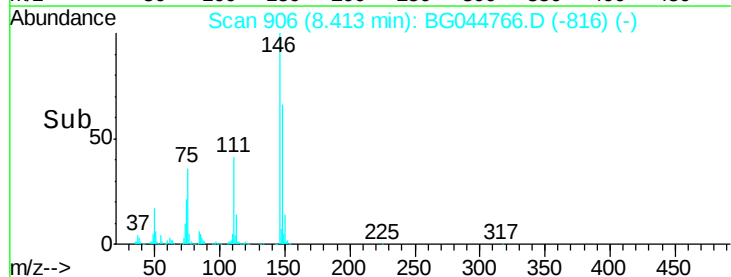
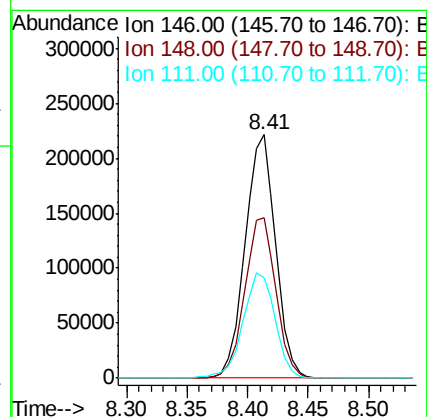
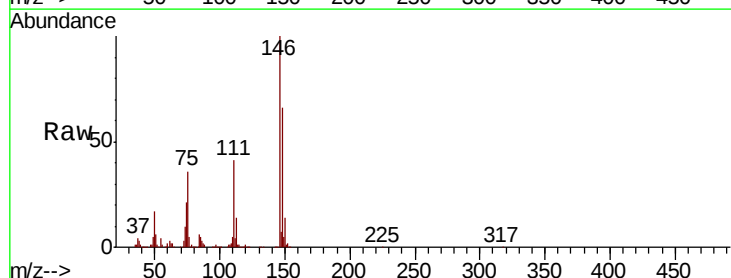
Instrument :
 BNA_G
 ClientSampled :

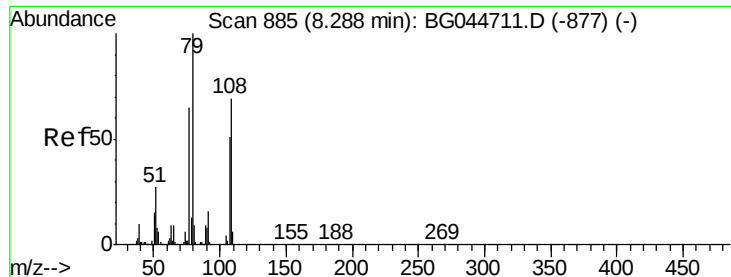
Tot Ion	Ratio	Lower	Upper
146	100		
148	67.2	52.9	79.3
111	43.7	35.6	53.4



#14
 1,2-Dichlorobenzene
 Concen: 40.160 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.8	76.2
111	41.4	34.8	52.2





#15

Benzyl Alcohol

Concen: 45.480 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

ClientSampled :

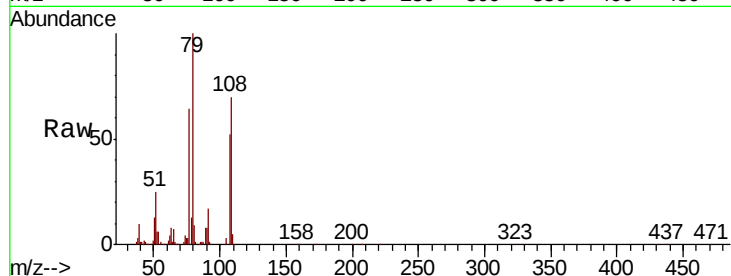
Tot Ion: 79 Resp: 445447

Ion Ratio Lower Upper

79 100

108 70.4 55.4 83.0

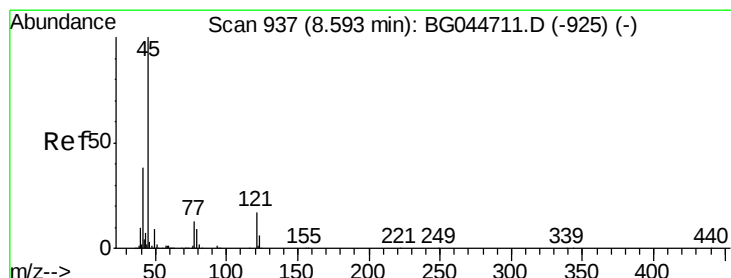
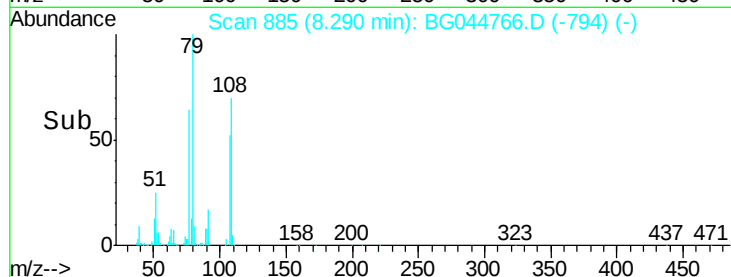
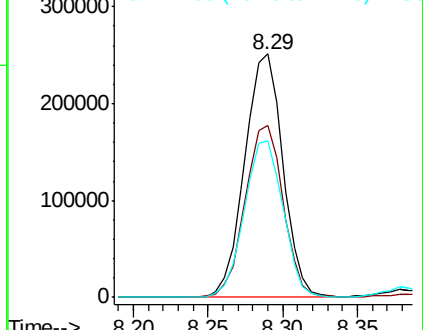
77 64.3 52.2 78.4



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: 38.103 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.01 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

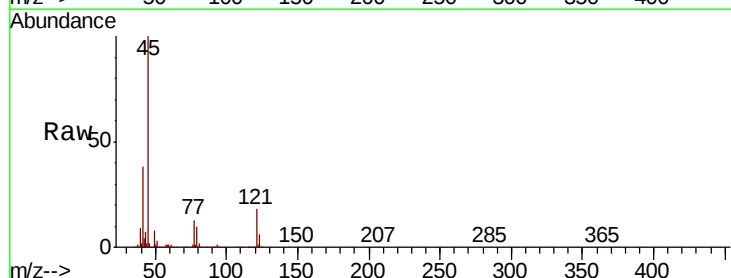
Tgt Ion: 45 Resp: 648556

Ion Ratio Lower Upper

45 100

77 13.2 0.0 33.4

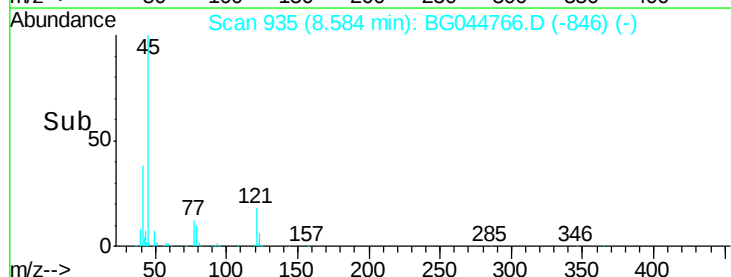
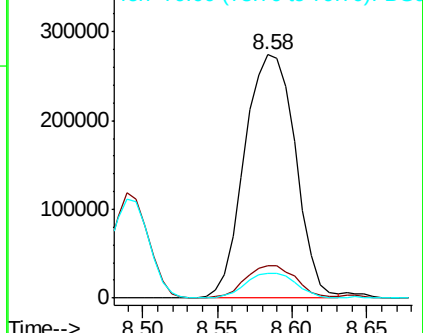
79 10.4 0.0 30.0

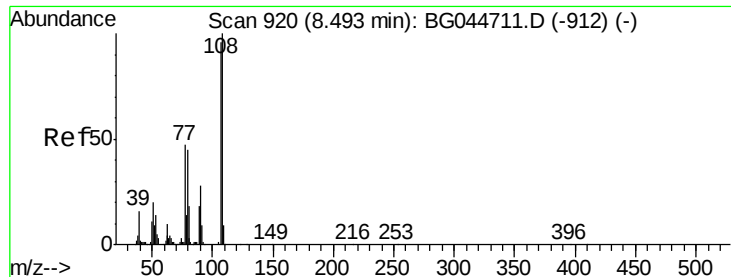


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 47.674 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 390281

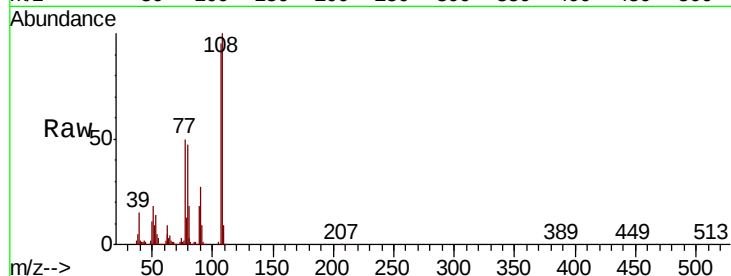
Ion Ratio Lower Upper

107 100

108 104.9 83.2 124.8

77 52.3 39.0 58.6

79 49.3 37.6 56.4

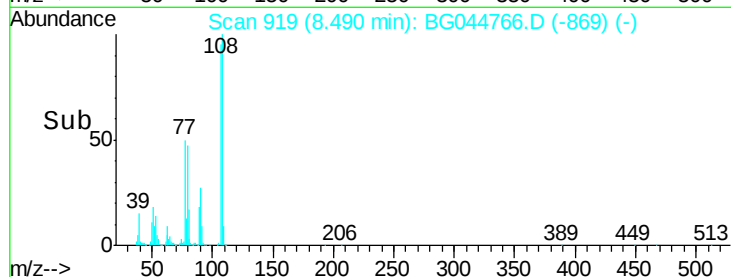


Abundance Ion 107.00 (106.70 to 107.70): E

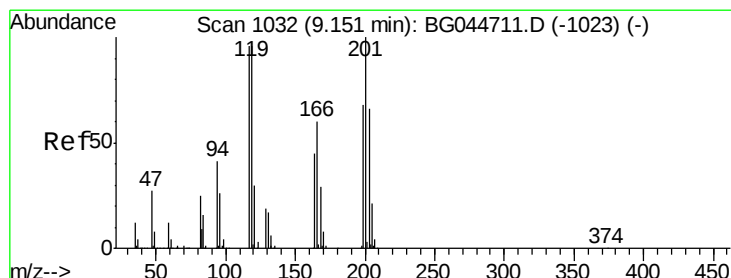
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 39.486 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

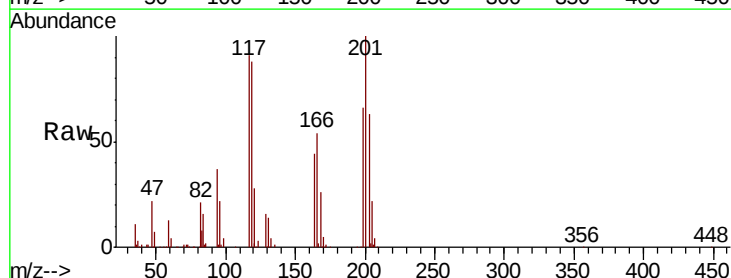
Tgt Ion:117 Resp: 158789

Ion Ratio Lower Upper

117 100

119 97.2 80.2 120.4

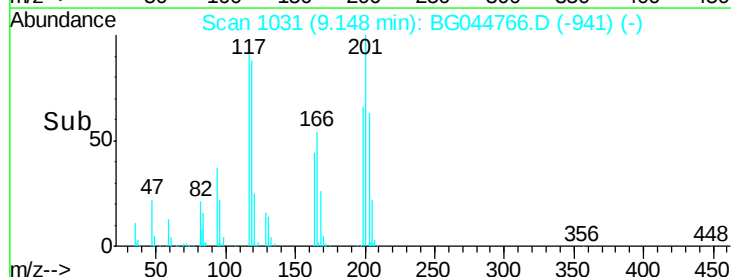
201 110.0 83.4 125.2



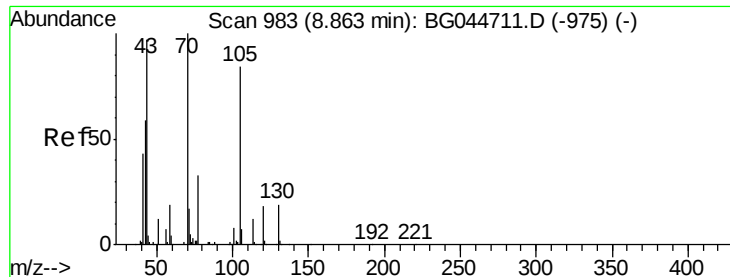
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



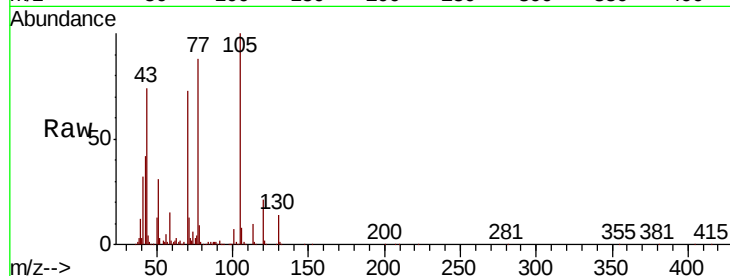
Time-->



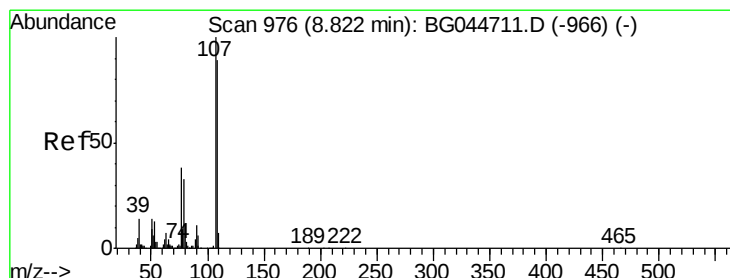
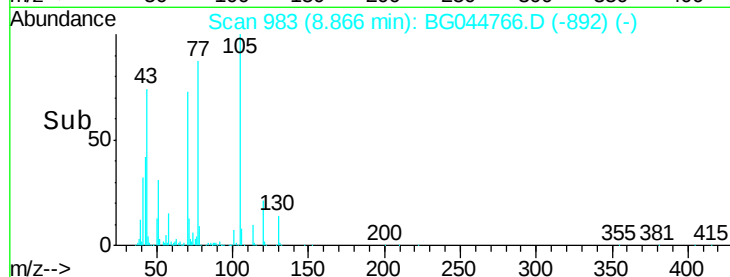
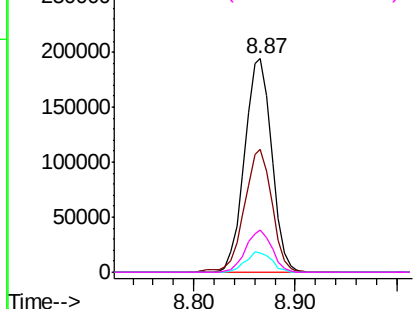
#19
n-Nitroso-di-n-propylamine
Concen: 41.646 ng
RT: 8.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 358974
Ion Ratio Lower Upper
70 100
42 57.7 47.6 71.4
101 9.1 6.5 9.7
130 19.7 15.0 22.4

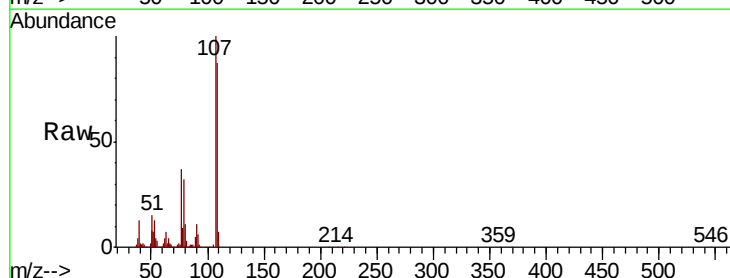


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

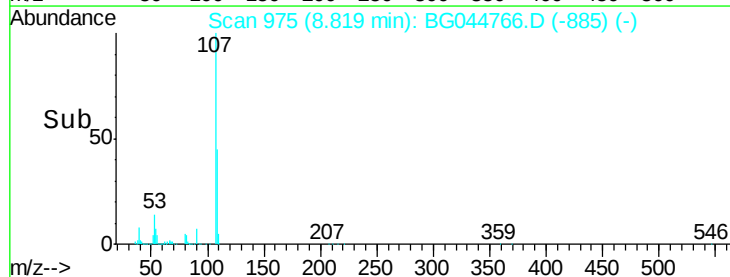
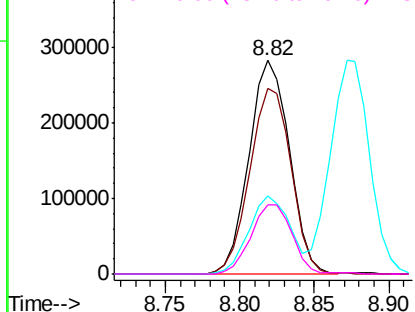


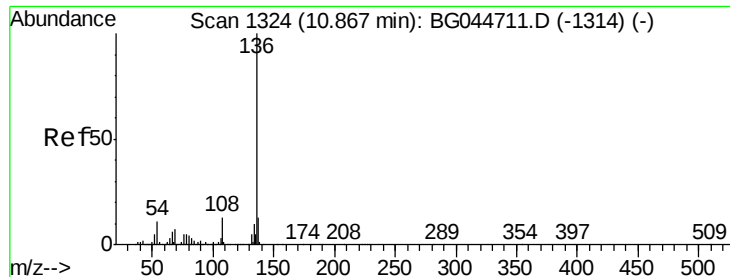
#20
3+4-Methylphenols
Concen: 46.980 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion: 107 Resp: 530171
Ion Ratio Lower Upper
107 100
108 86.9 69.1 109.1
77 36.8 17.7 57.7
79 32.2 13.0 53.0



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 553696

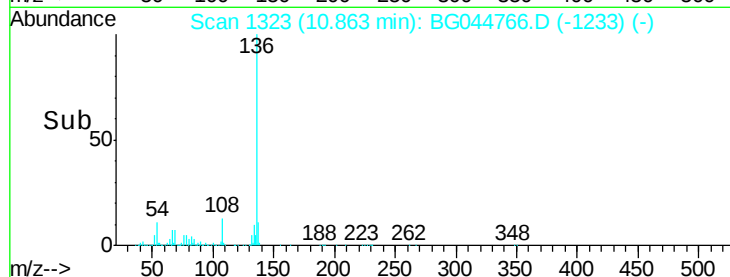
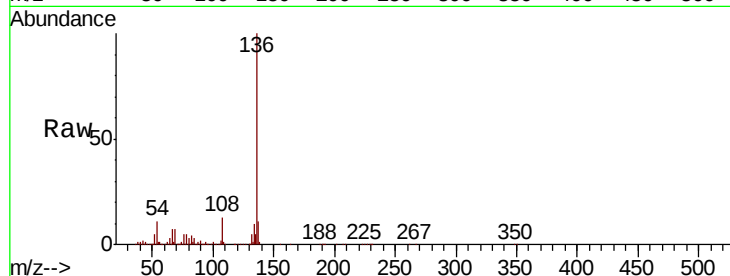
Ion Ratio Lower Upper

136 100

137 11.4 10.7 16.1

54 10.8 9.0 13.4

68 7.4 5.9 8.9

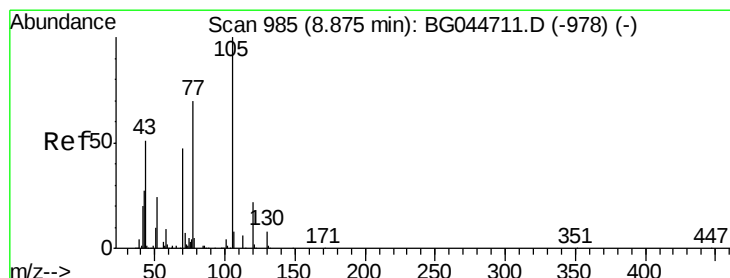
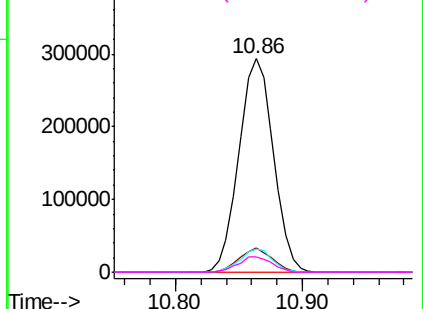


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.929 ng

RT: 8.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Tgt Ion:105 Resp: 626341

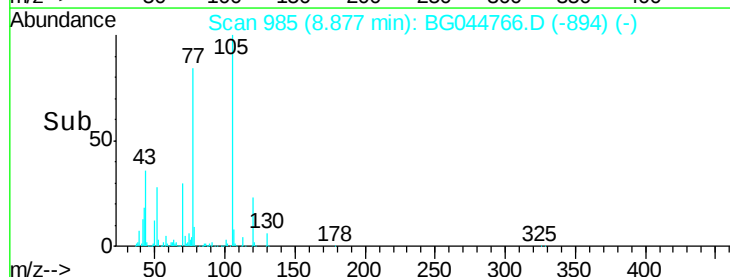
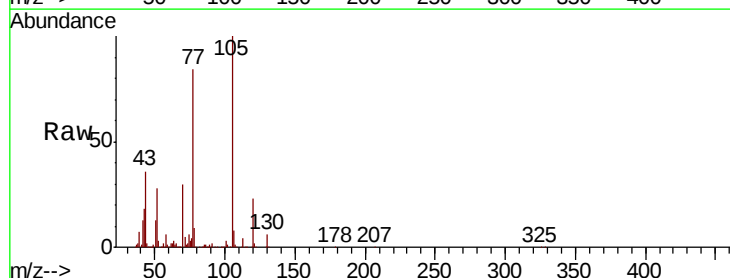
Ion Ratio Lower Upper

105 100

71 5.1 5.8 8.8#

51 28.4 23.8 35.8

120 23.2 17.3 25.9

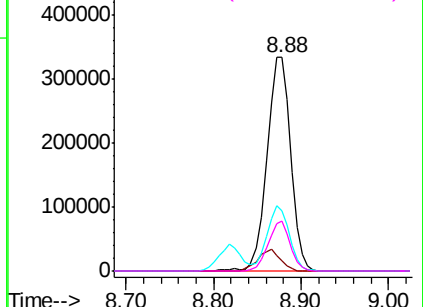


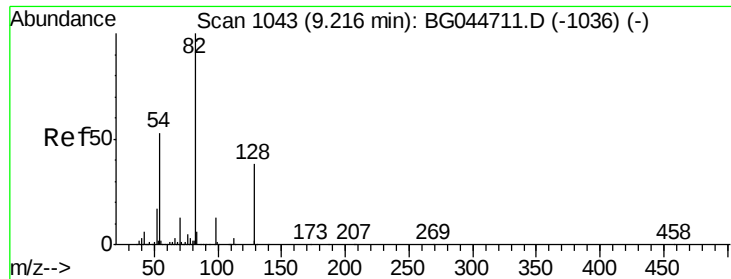
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

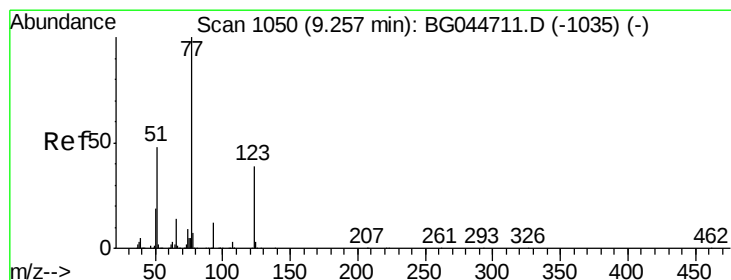
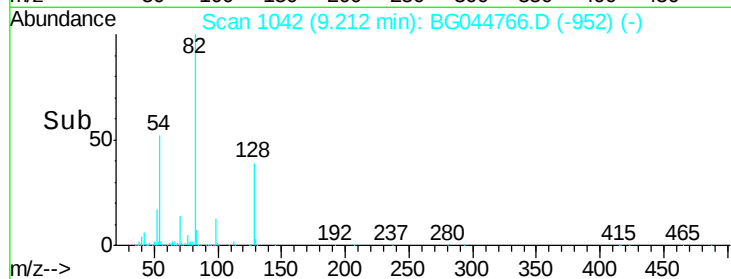
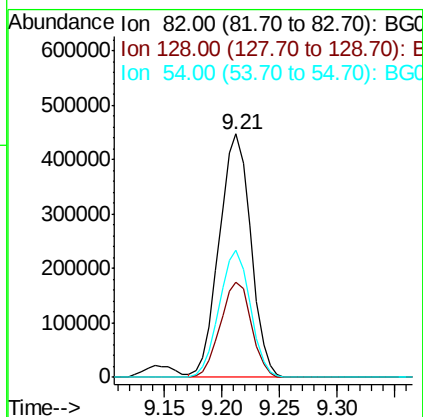
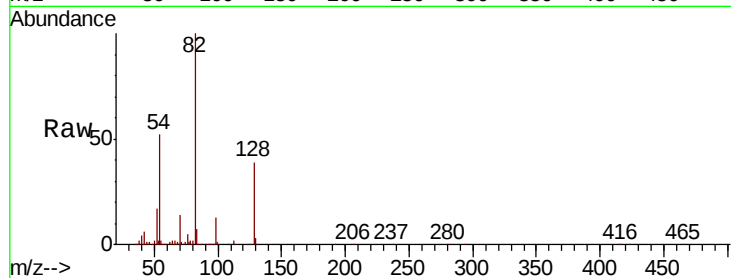




#23
 Nitrobenzene-d5
 Concen: 67.231 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

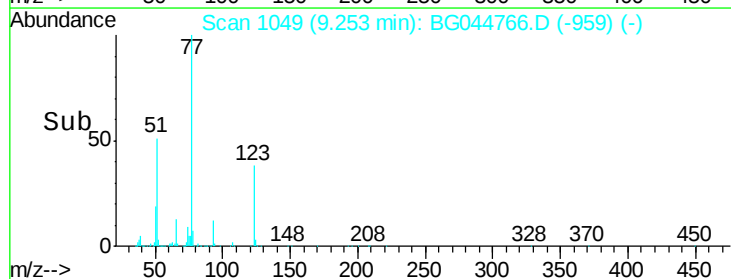
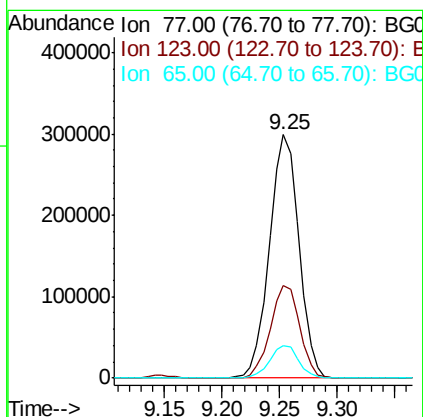
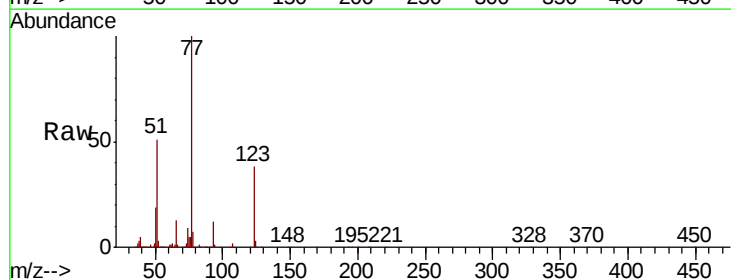
Instrument :
 BNA_G
 ClientSampled :

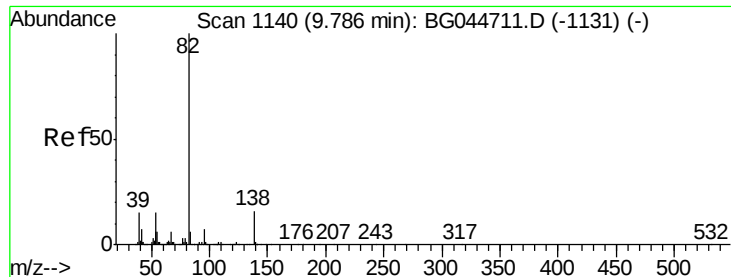
Tot Ion	82	Resp	848328
Ion Ratio	Lower	Upper	
82	100		
128	39.1	30.2	45.2
54	52.3	41.8	62.8



#24
 Nitrobenzene
 Concen: 40.764 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Tgt Ion	77	Resp	533702
Ion Ratio	Lower	Upper	
77	100		
123	38.2	31.5	47.3
65	13.4	11.0	16.4





#25

Isophorone

Concen: 40.102 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

ClientSampleId :

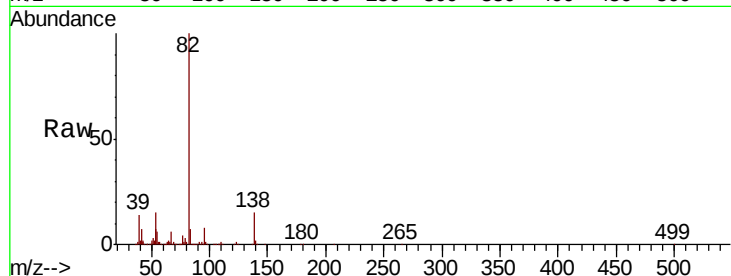
Tot Ion: 82 Resp: 987580

Ion Ratio Lower Upper

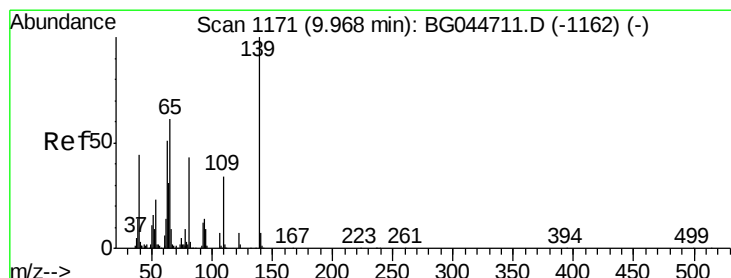
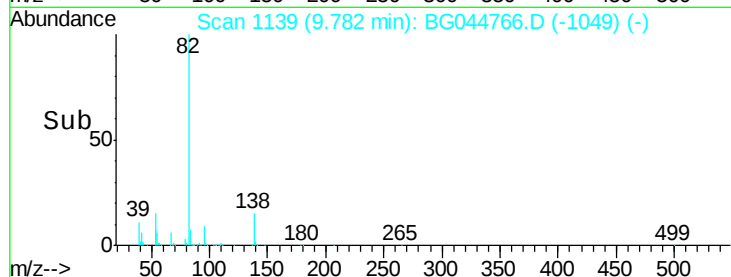
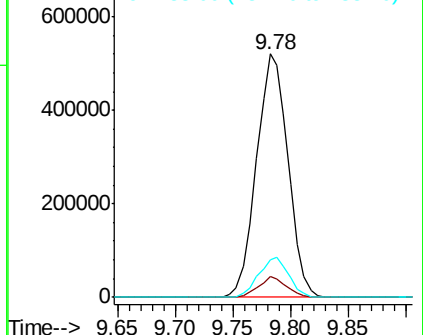
82 100

95 8.5 5.6 8.4#

138 15.3 13.0 19.4



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



#26

2-Nitrophenol

Concen: 48.063 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

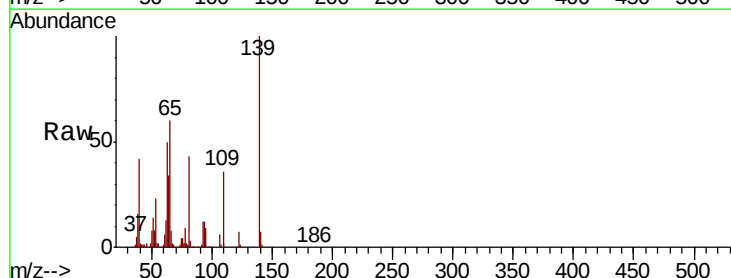
Tgt Ion: 139 Resp: 218502

Ion Ratio Lower Upper

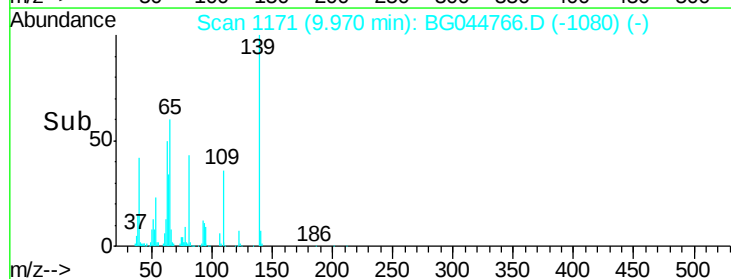
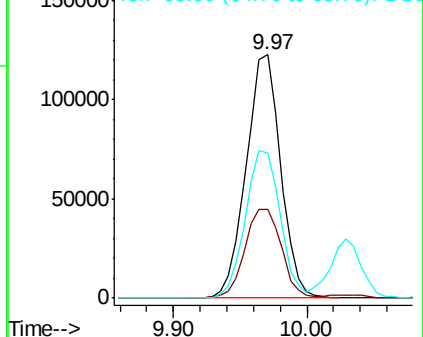
139 100

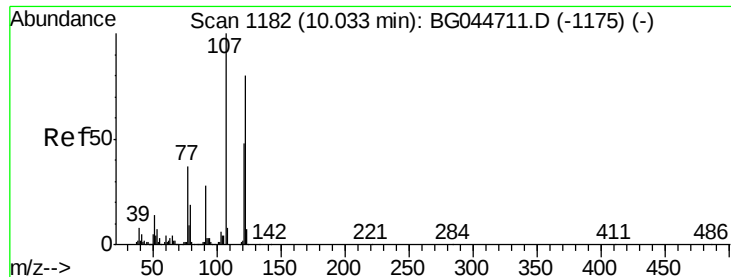
109 36.2 27.0 40.4

65 59.7 48.6 73.0



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

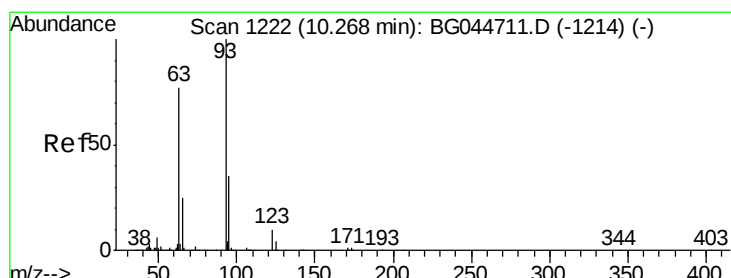
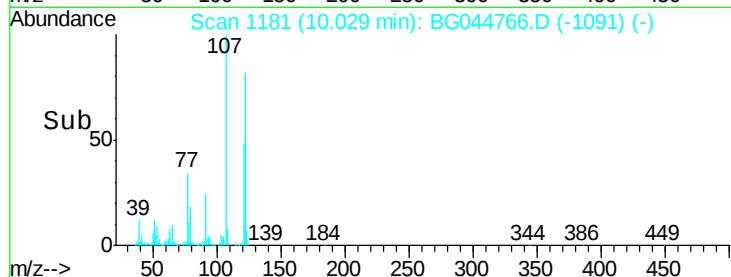
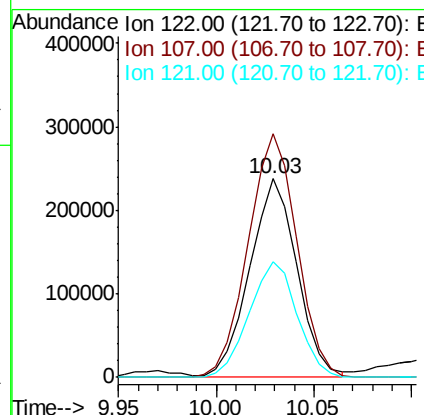
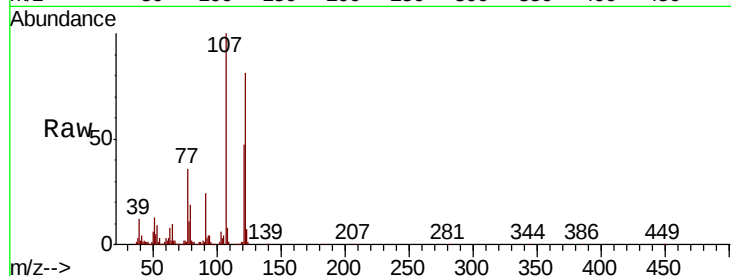




#27
 2,4-Dimethylphenol
 Concen: 49.440 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

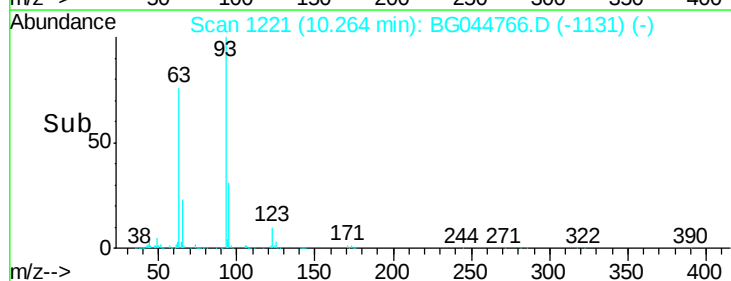
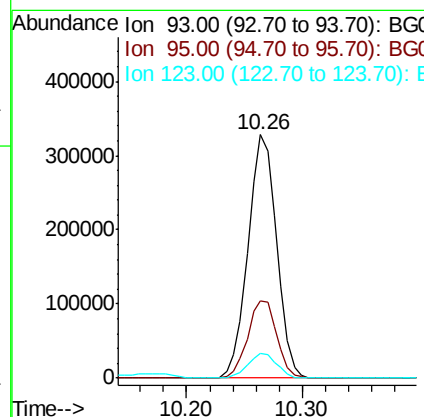
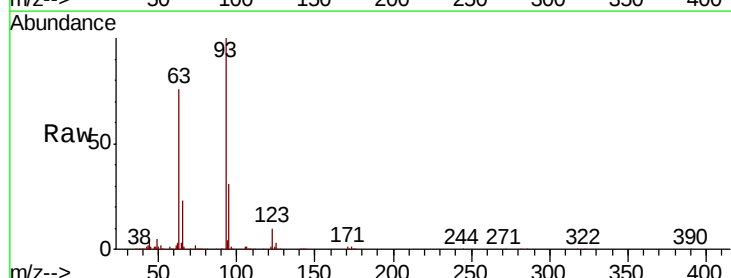
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.7	99.0	148.6
121	58.3	47.6	71.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.415 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	27.7	41.5
123	10.0	8.1	12.1

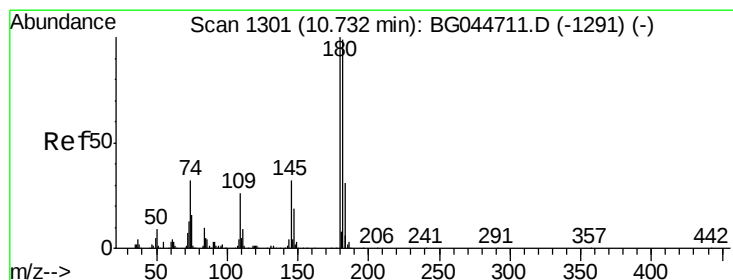
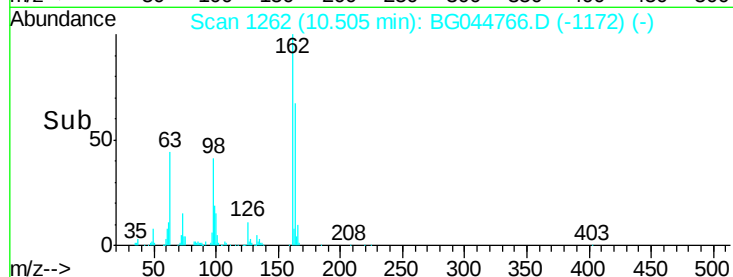
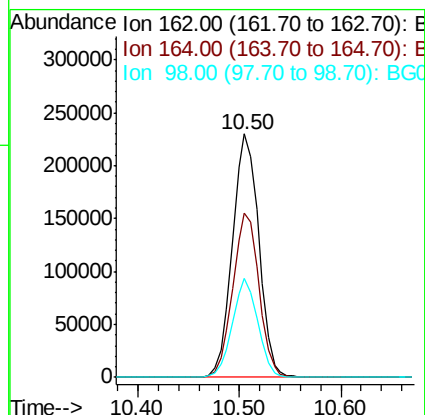
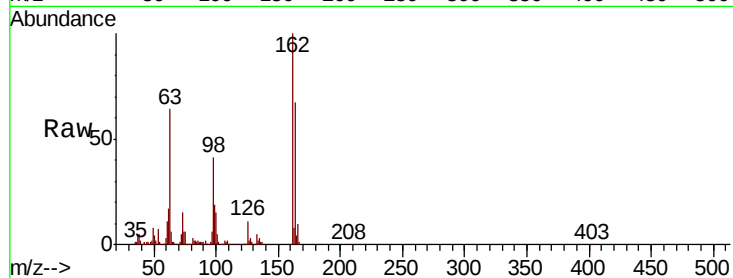




#29
 2,4-Dichlorophenol
 Concen: 44.292 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

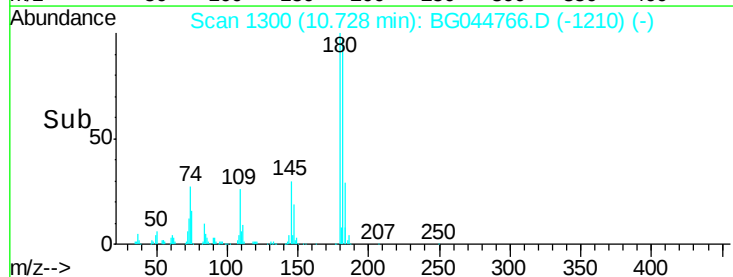
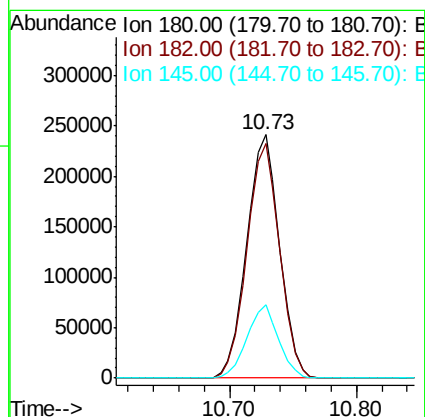
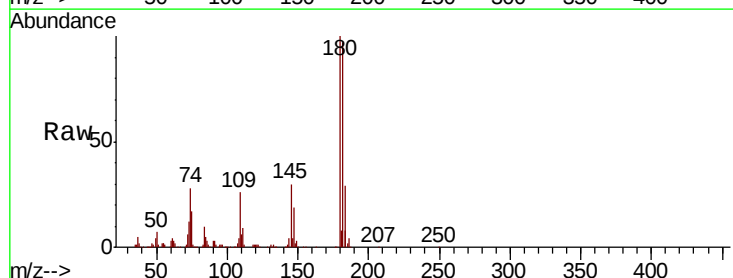
Instrument :
 BNA_G
 ClientSampleId :

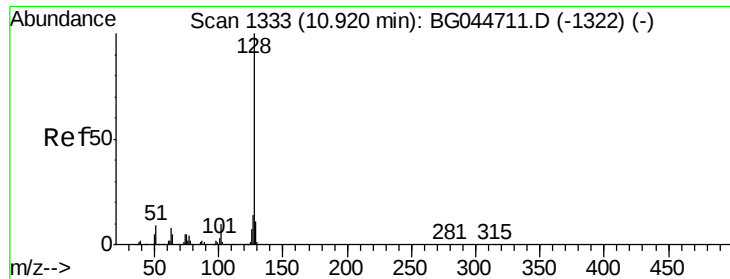
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.3	46.5	86.5
98	40.6	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.649 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	78.8	118.2
145	29.9	25.4	38.0

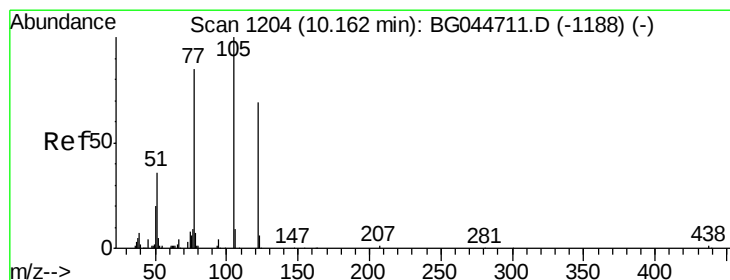
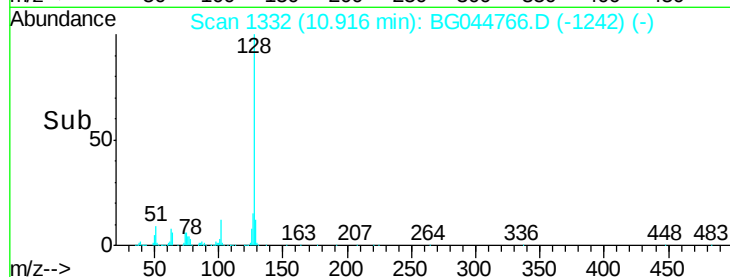
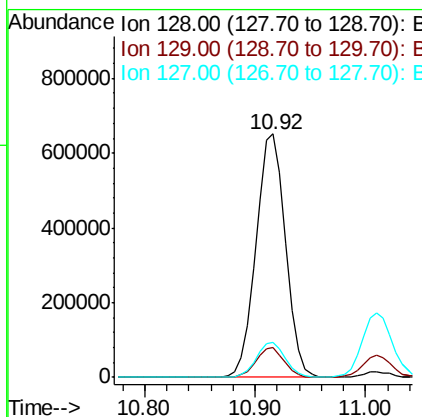
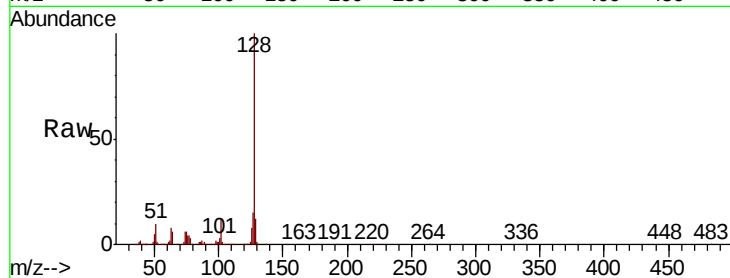




#31
Naphthalene
Concen: 39.689 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

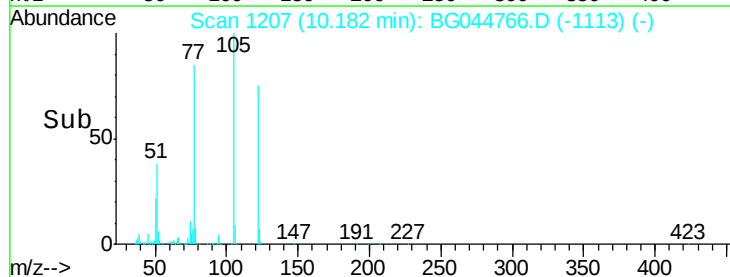
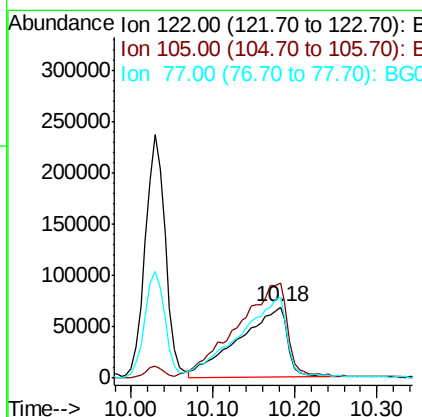
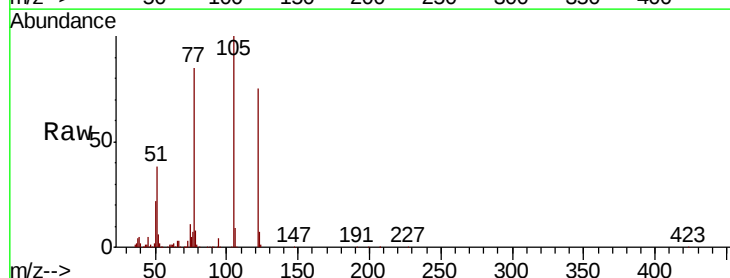
Instrument :
BNA_G
ClientSampleId :

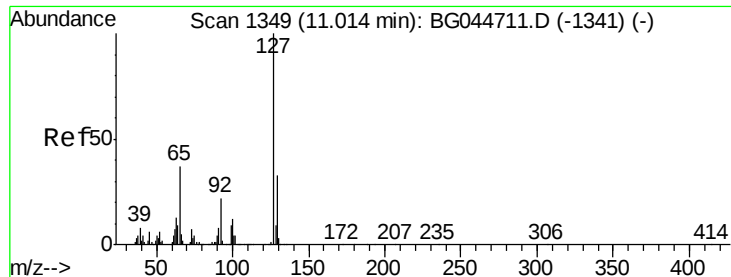
Tot Ion:128 Resp: 1217359
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.4
127 14.6 11.0 16.6



#32
Benzoic acid
Concen: 45.427 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion:122 Resp: 279754
Ion Ratio Lower Upper
122 100
105 133.9 119.0 159.0
77 114.0 96.4 136.4

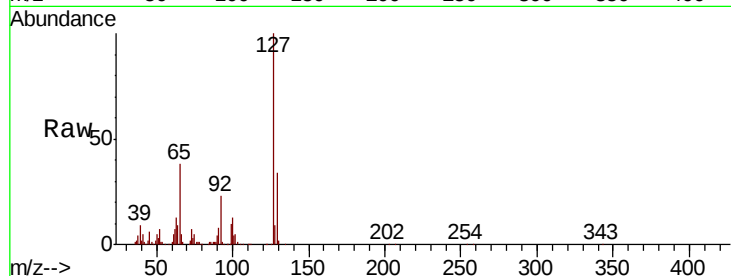




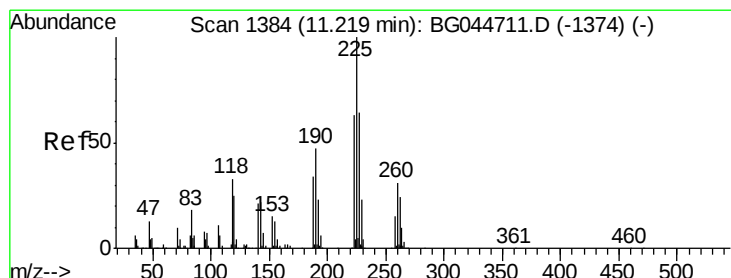
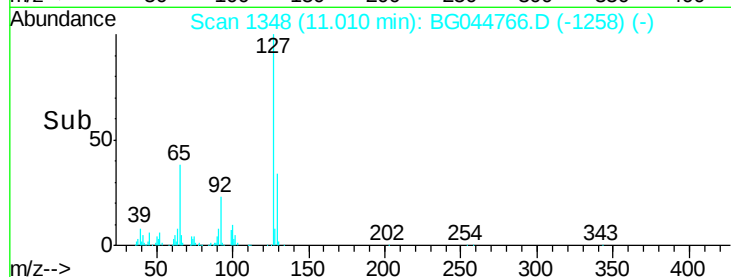
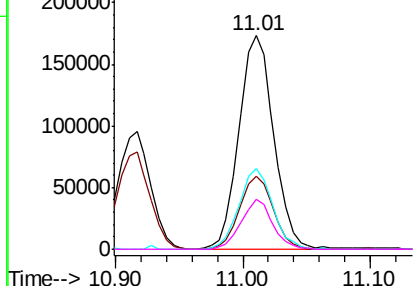
#33
4-Chloroaniline
Concen: 23.668 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	327068
Ion Ratio	Lower	Upper
127	100	
129	34.1	26.2 39.4
65	38.0	29.6 44.4
92	23.2	17.4 26.0

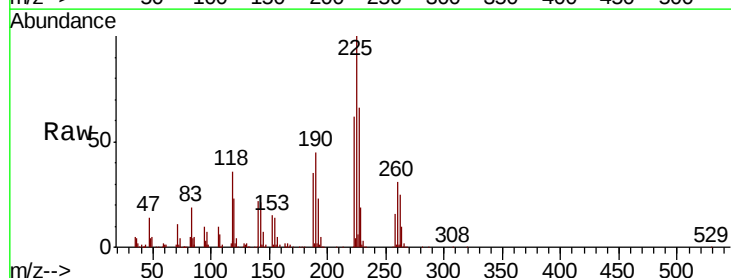


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

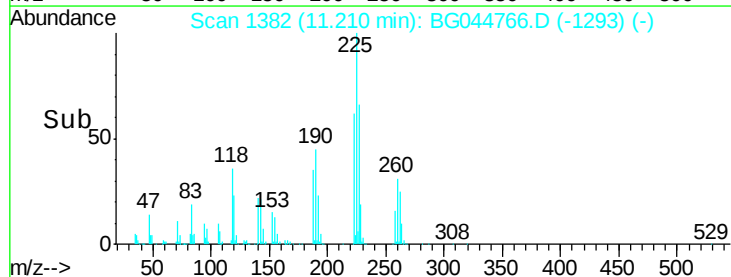
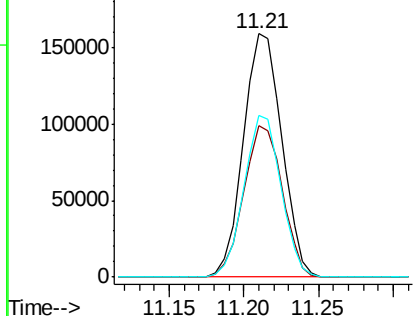


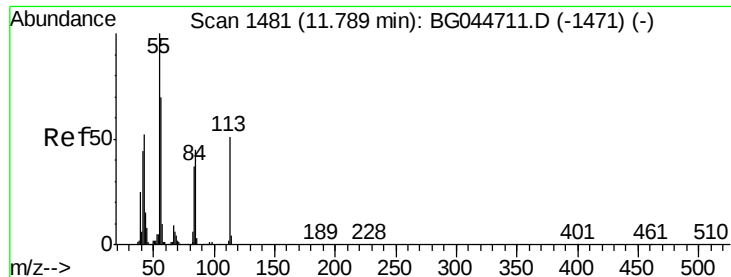
#34
Hexachlorobutadiene
Concen: 38.408 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion:225	Resp:	282902
Ion Ratio	Lower	Upper
225	100	
223	62.0	50.6 76.0
227	66.4	51.6 77.4



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

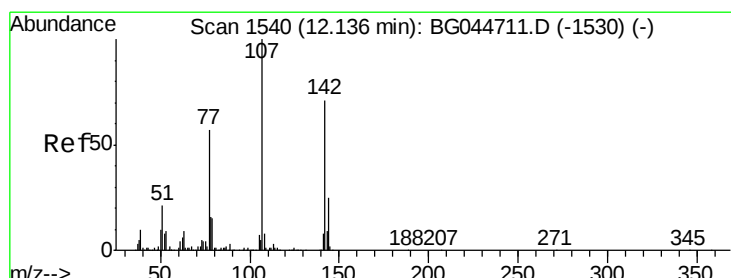
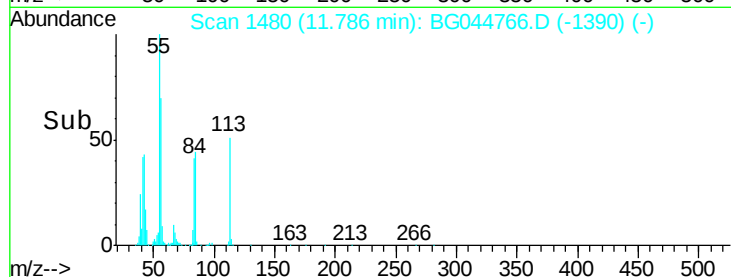
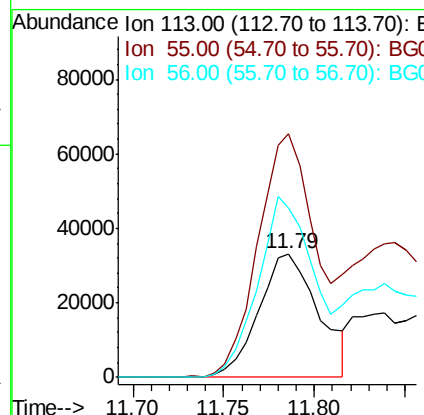
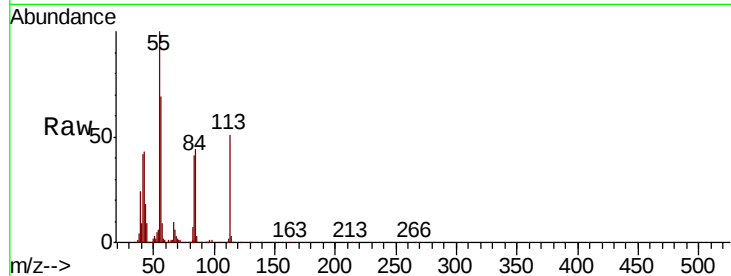




#35
 Caprolactam
 Concen: 21.418 ng
 RT: 11.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

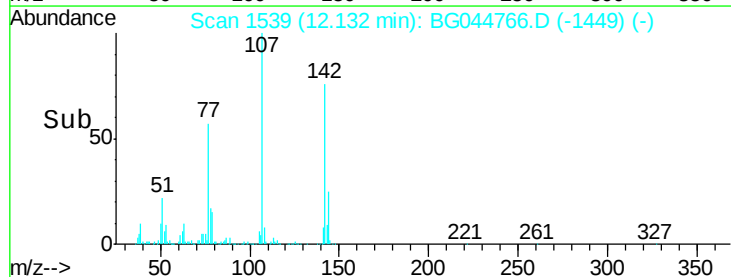
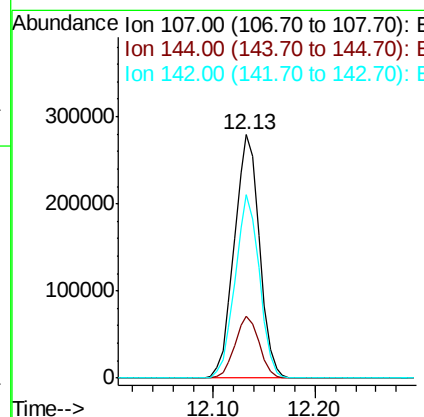
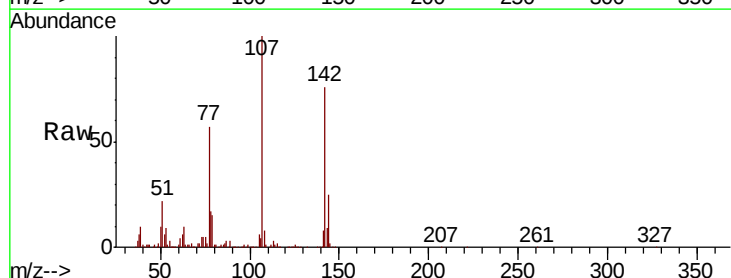
Instrument :
 BNA_G
 ClientSampled :

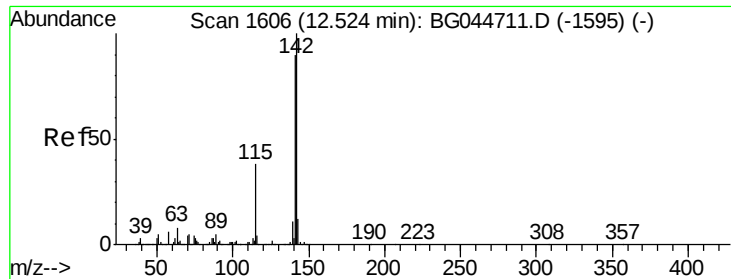
Tot Ion:113 Resp: 75960
 Ion Ratio Lower Upper
 113 100
 55 197.3 178.4 218.4
 56 136.9 117.7 157.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.934 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Tgt Ion:107 Resp: 479650
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.6 29.4
 142 75.6 56.5 84.7

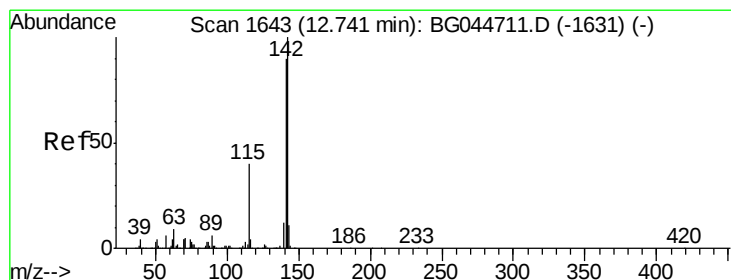
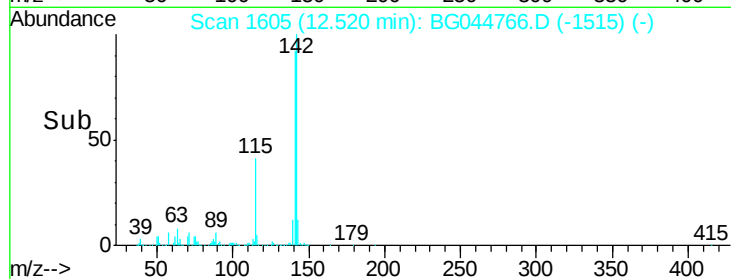
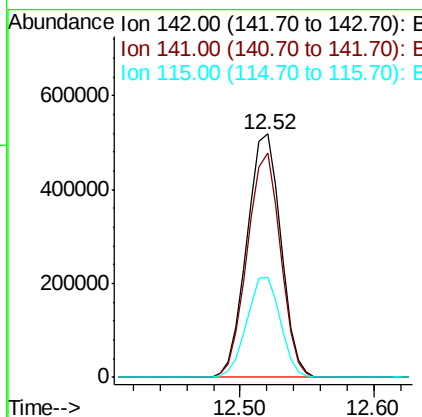
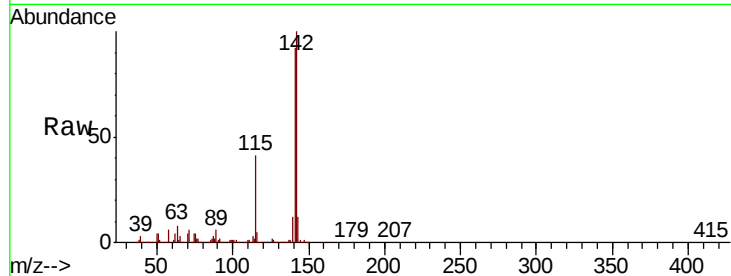




#37
 2-Methylnaphthalene
 Concen: 39.754 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

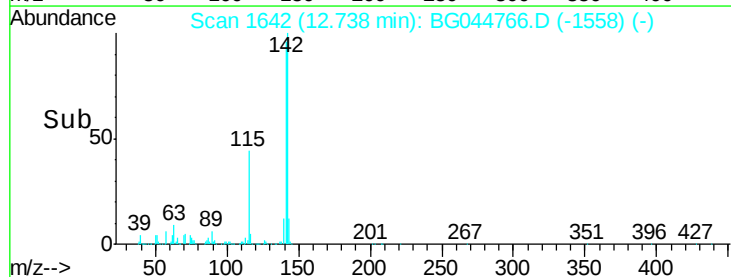
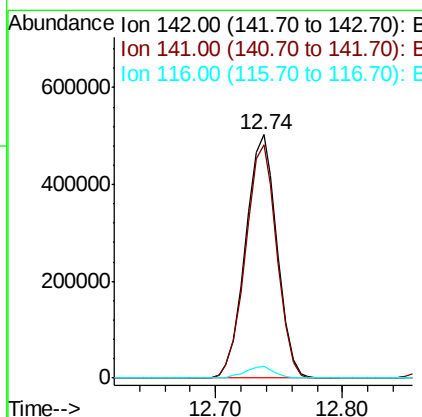
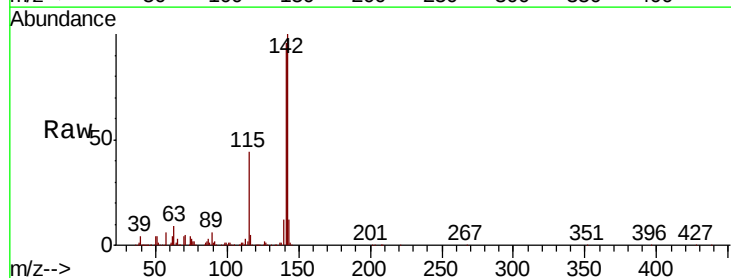
Instrument :
 BNA_G
 ClientSampleId :

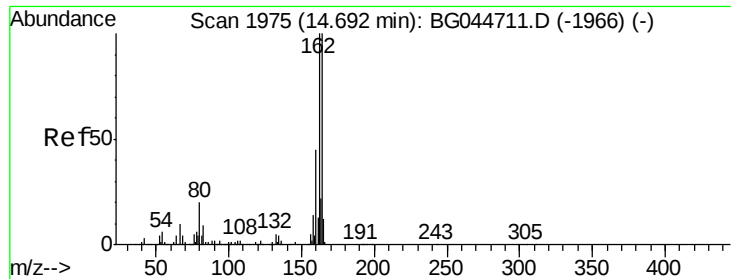
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.3	108.5
115	41.2	30.6	45.8



#38
 1-Methylnaphthalene
 Concen: 40.128 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	72.2	108.2
116	5.0	3.5	5.3

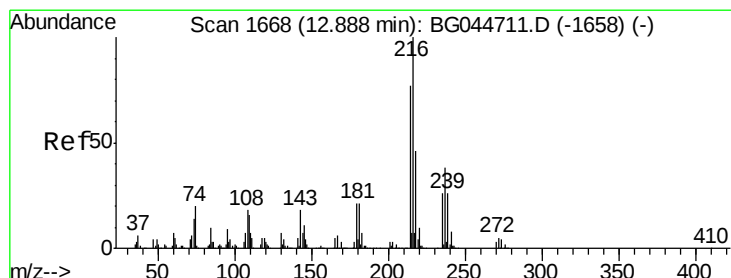
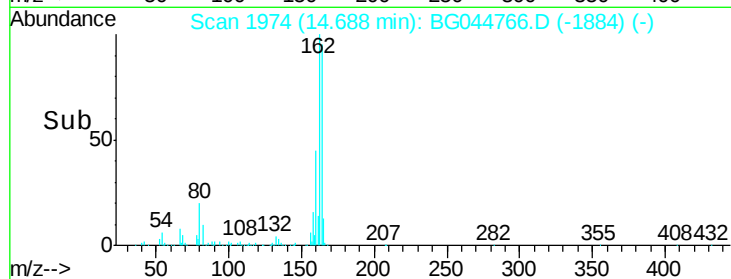
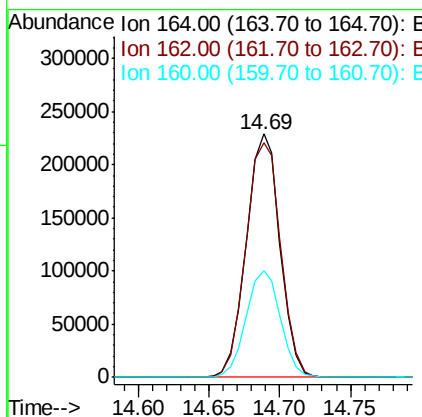
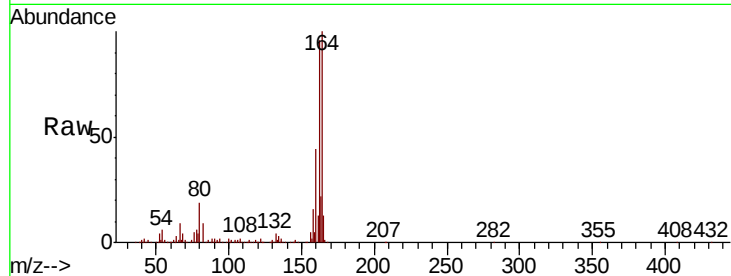




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

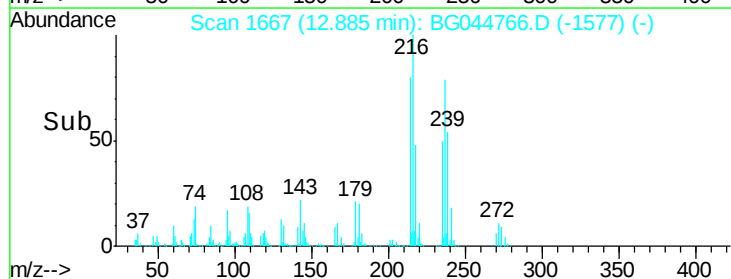
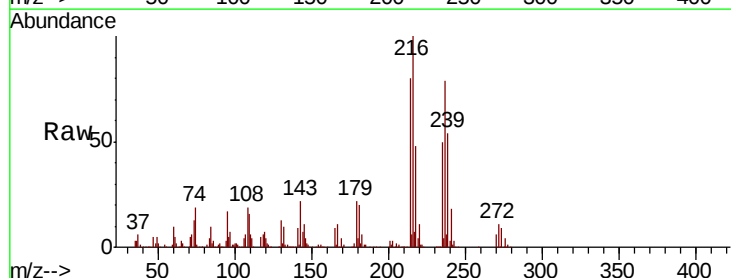
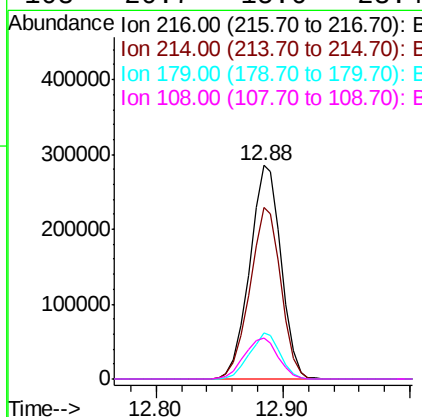
Instrument :
BNA_G
ClientSampleId :

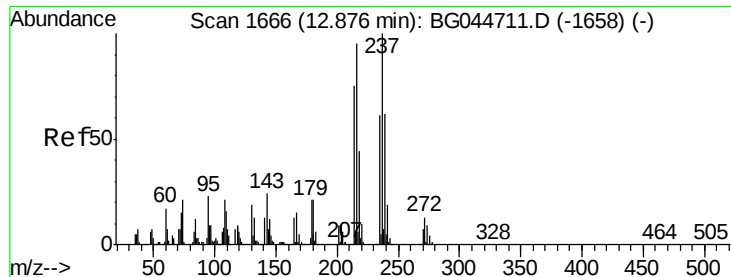
Tot Ion	Ratio	Lower	Upper
164	100		
162	96.2	80.2	120.4
160	43.6	36.2	54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.769 ng
RT: 12.88 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	20.8	16.6	24.8
108	20.7	15.6	23.4





#41

Hexachlorocyclopentadiene

Concen: 79.341 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

ClientSampleId :

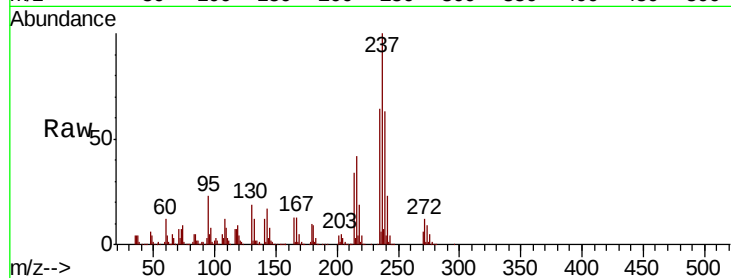
Tot Ion:237 Resp: 545747

Ion Ratio Lower Upper

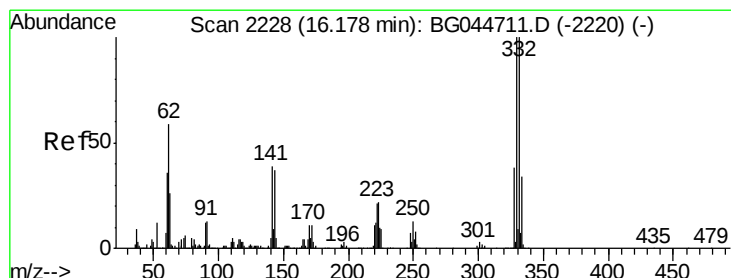
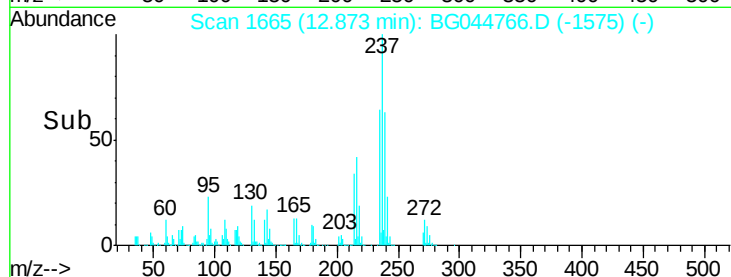
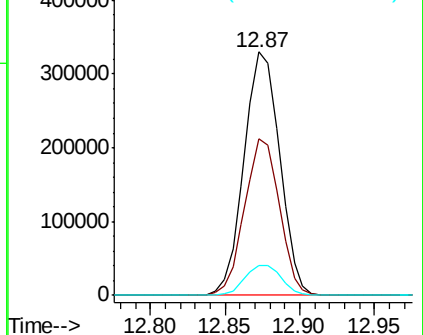
237 100

235 64.3 40.6 80.6

272 12.0 0.0 32.5



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: 116.139 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

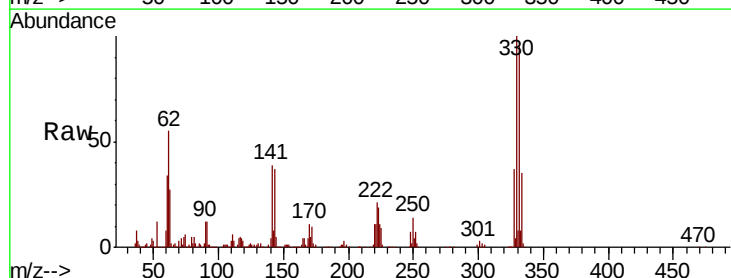
Tgt Ion:330 Resp: 581164

Ion Ratio Lower Upper

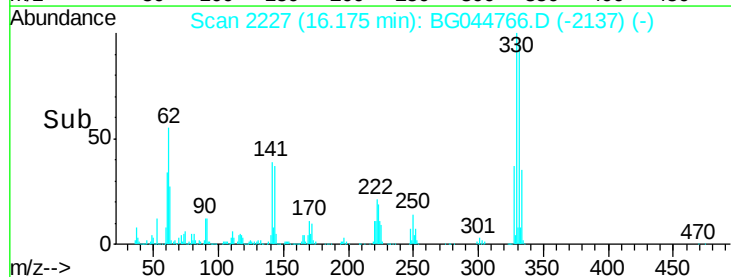
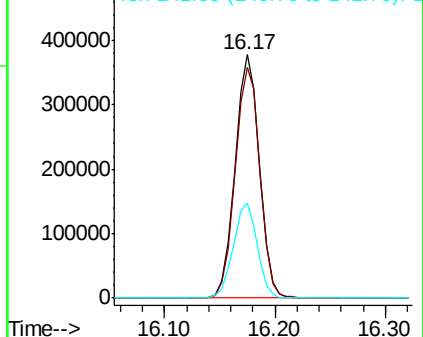
330 100

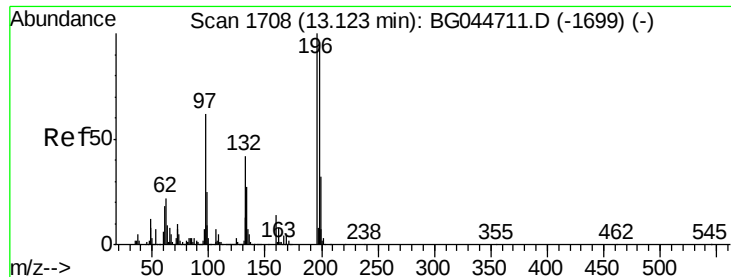
332 96.5 77.5 116.3

141 38.9 31.7 47.5



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

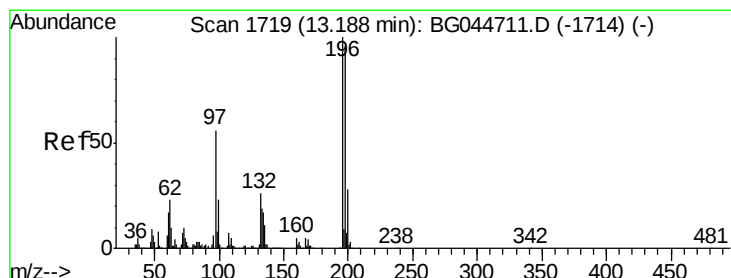
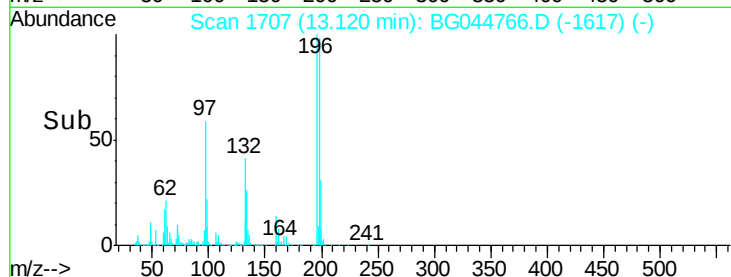
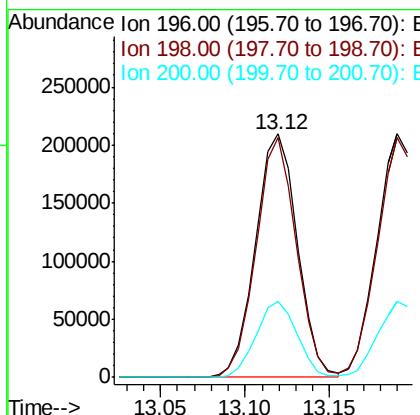
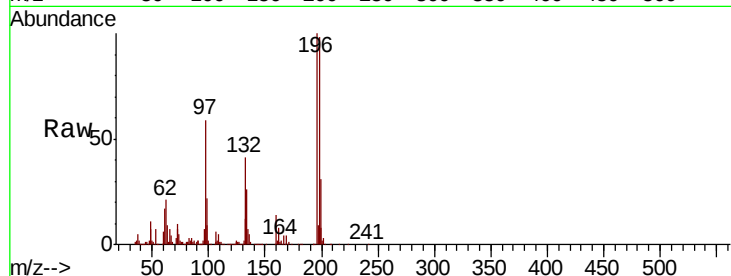




#43
 2,4,6-Trichlorophenol
 Concen: 42.941 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

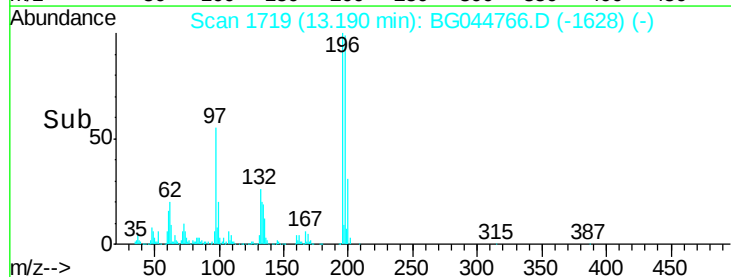
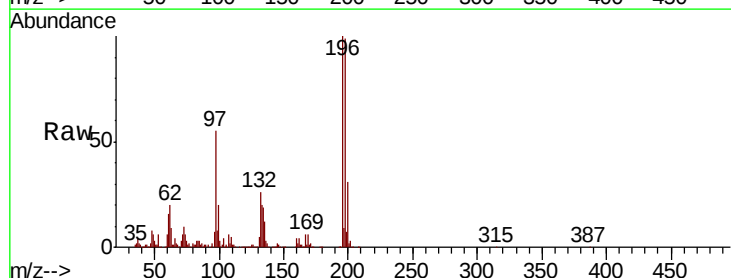
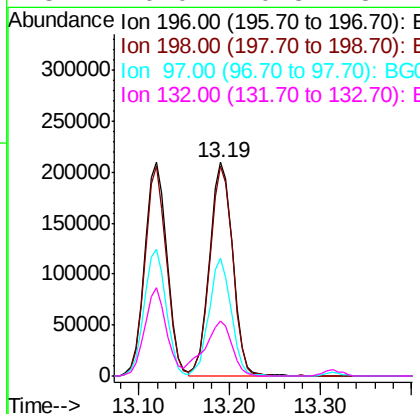
Instrument :
 BNA_G
 ClientSampled :

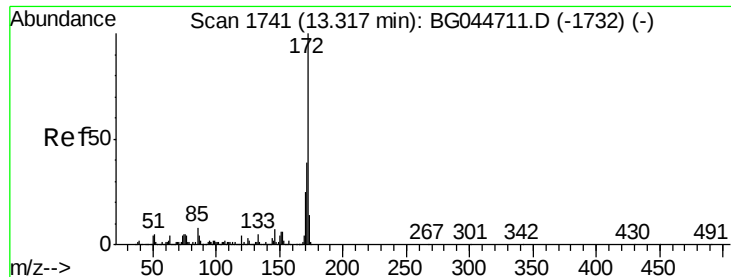
Tot Ion	196	Resp	358679
Ion Ratio	Lower	Upper	
196	100		
198	98.3	76.5	114.7
200	31.2	25.9	38.9



#44
 2,4,5-Trichlorophenol
 Concen: 42.935 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Tgt Ion	196	Resp	371924
Ion Ratio	Lower	Upper	
196	100		
198	98.5	77.3	115.9
97	55.2	44.9	67.3
132	26.0	20.8	31.2

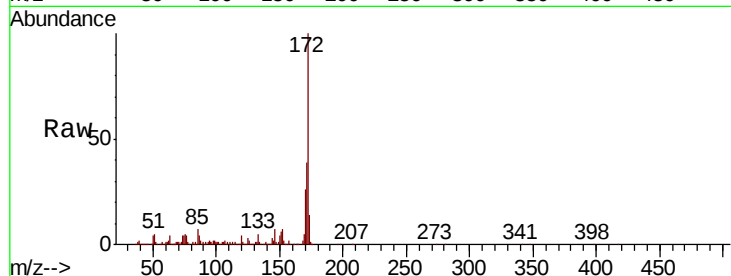




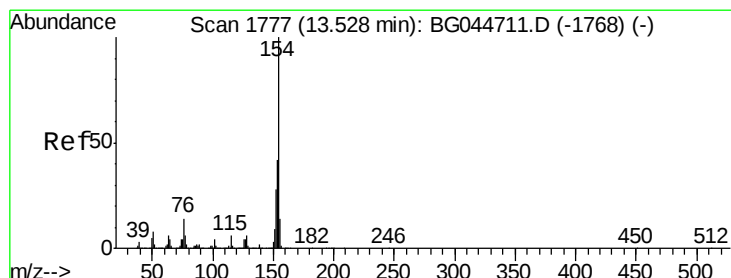
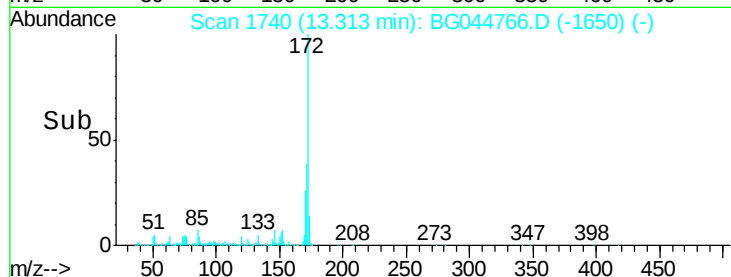
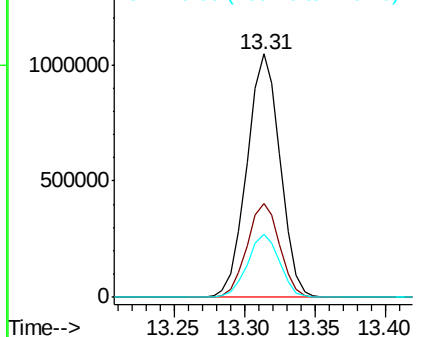
#45
2-Fluorobiphenyl
Concen: 64.536 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1722318
Ion Ratio Lower Upper
172 100
171 38.6 30.8 46.2
170 25.9 20.0 30.0

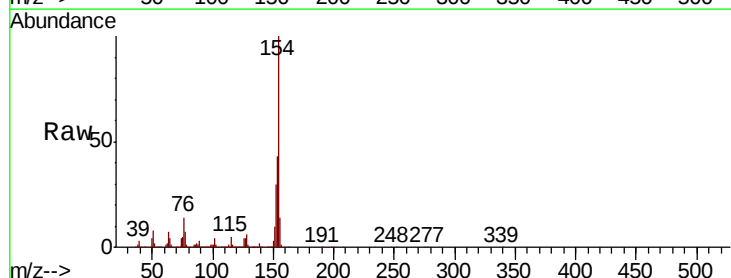


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

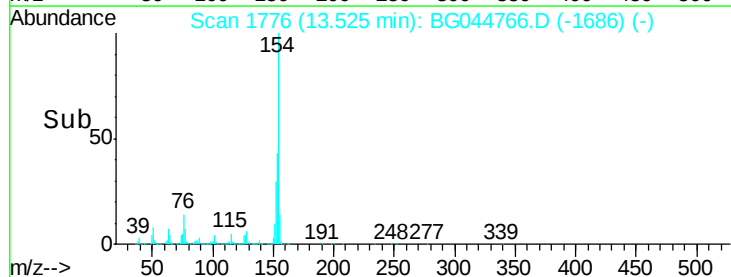
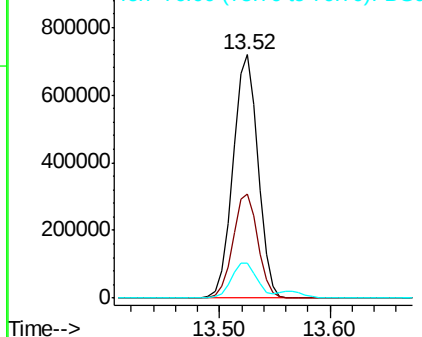


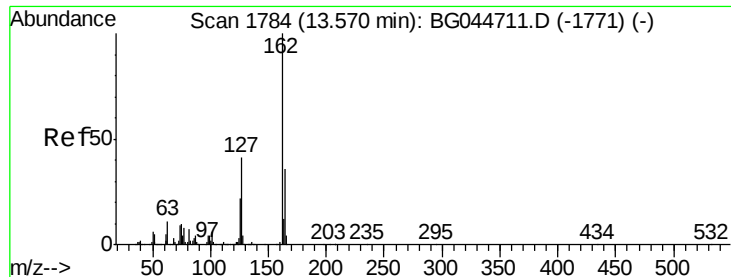
#46
1,1'-Biphenyl
Concen: 37.271 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion:154 Resp: 1138293
Ion Ratio Lower Upper
154 100
153 42.6 22.0 62.0
76 14.3 0.0 34.2



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

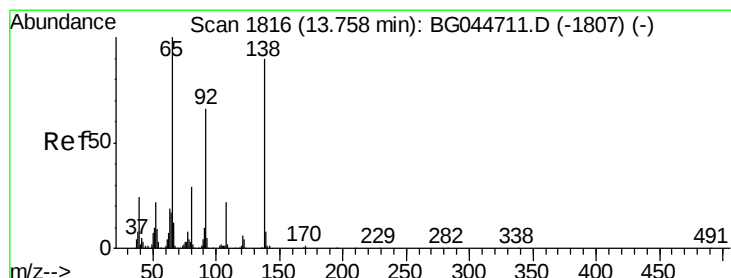
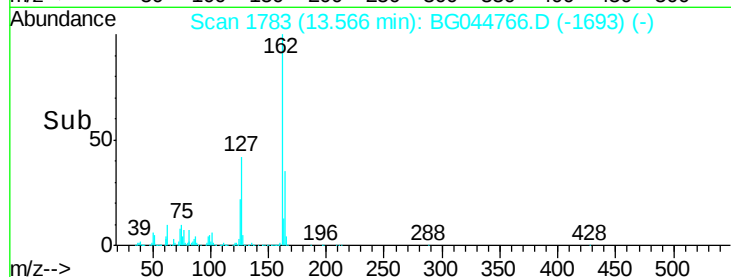
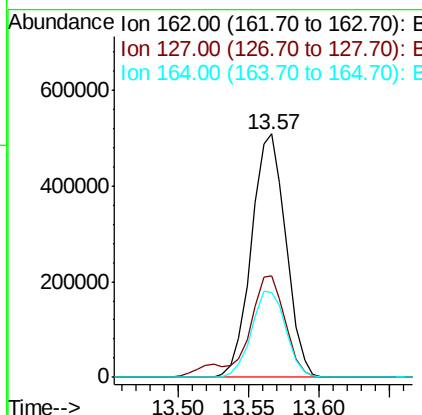
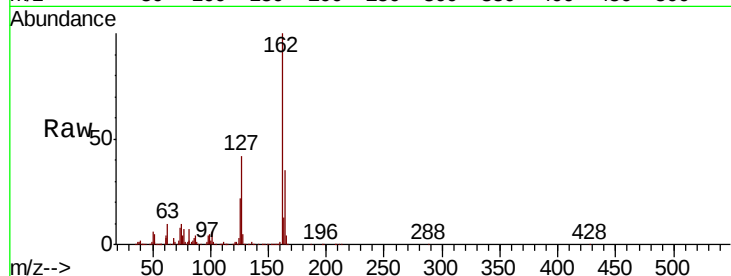




#47
2-Chloronaphthalene
Concen: 37.362 ng
RT: 13.57 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

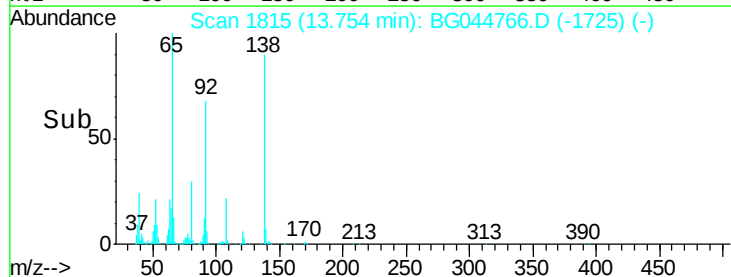
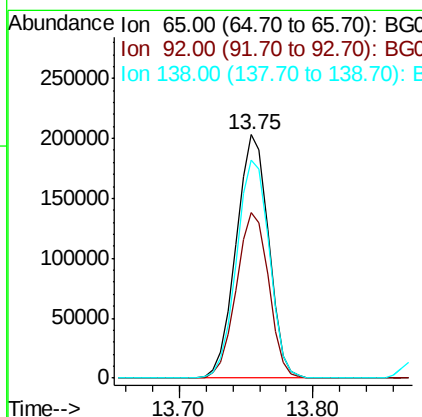
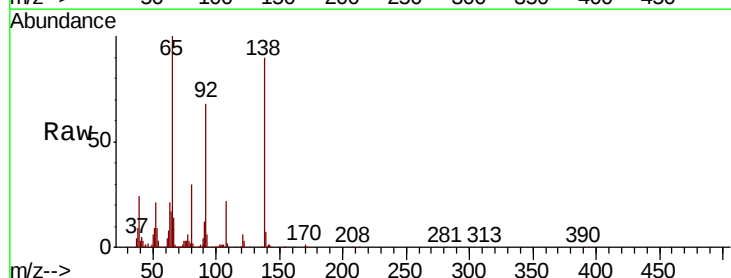
Instrument :
BNA_G
ClientSampleId :

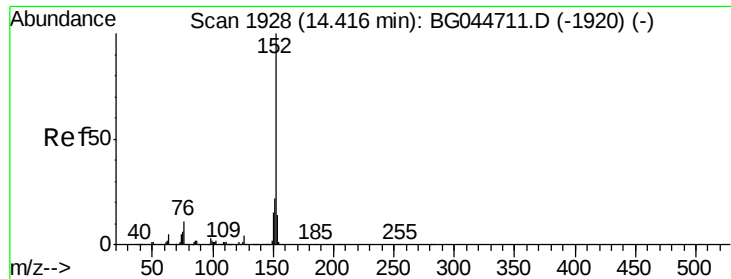
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.6	48.8
164	35.1	29.0	43.4



#48
2-Nitroaniline
Concen: 41.961 ng
RT: 13.75 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	52.6	79.0
138	89.7	71.8	107.6





#49

Acenaphthylene

Concen: 39.087 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

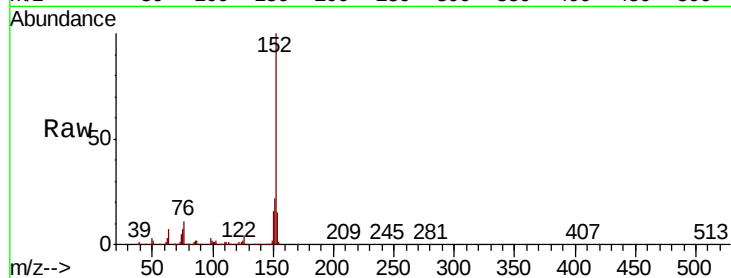
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1428630

Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.8	26.8
153	14.5	11.4	17.0

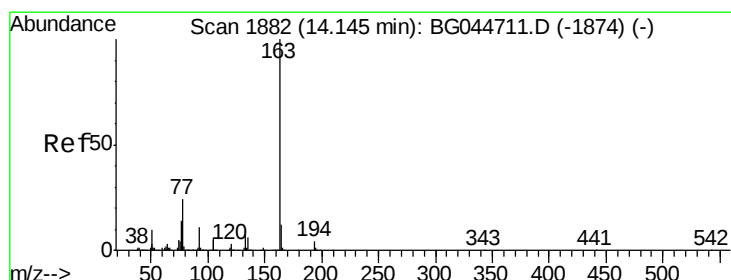
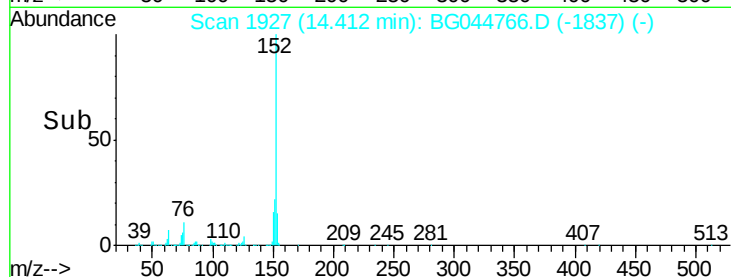
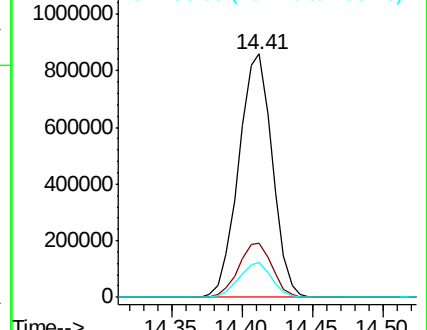


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.849 ng

RT: 14.14 min Scan# 1881

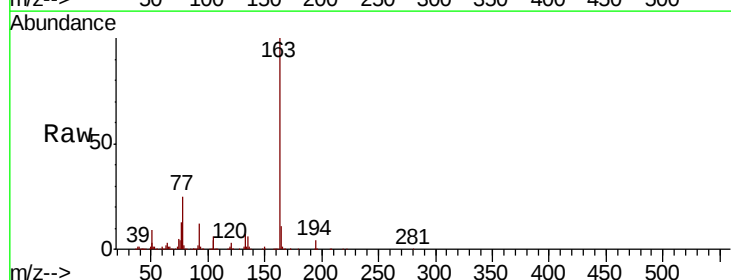
Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Tgt Ion:163 Resp: 1152065

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	11.3	9.2	13.8

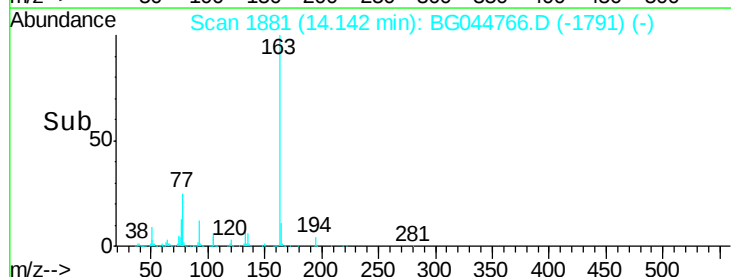
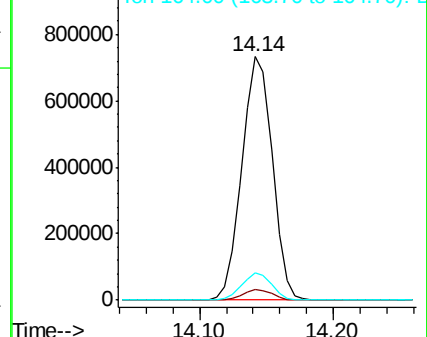


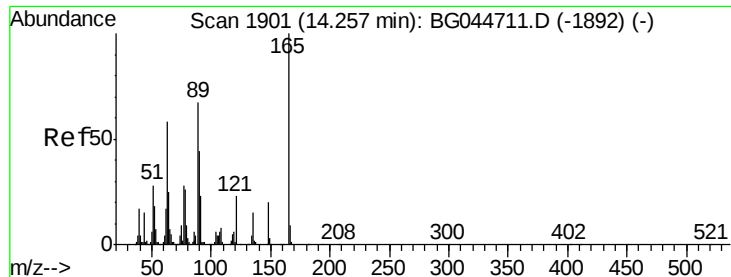
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.862 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

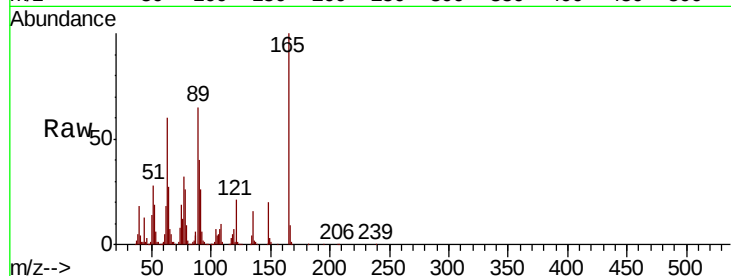
ClientSampleId :

Tot Ion:165 Resp: 262980

Ion	Ratio	Lower	Upper
165	100		
63	60.1	48.9	73.3
89	64.7	53.8	80.8

63 60.1 48.9 73.3

89 64.7 53.8 80.8



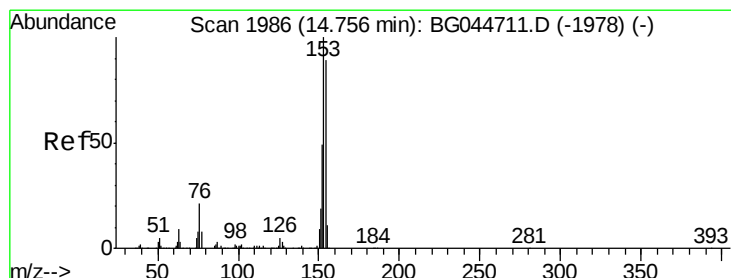
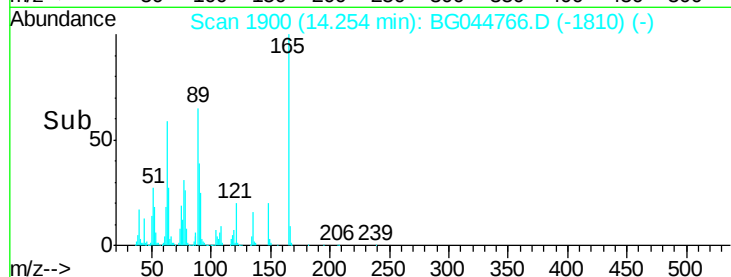
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

14.25

Time-->



#52

Acenaphthene

Concen: 42.973 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BG044766.D

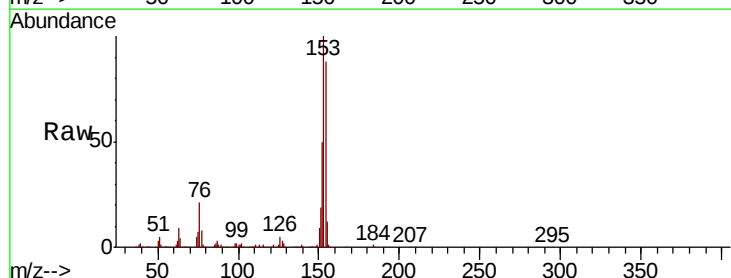
Acq: 13 Mar 2020 14:19

Tgt Ion:154 Resp: 1028647

Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.8	134.8
152	57.2	44.4	66.6

153 114.1 89.8 134.8

152 57.2 44.4 66.6



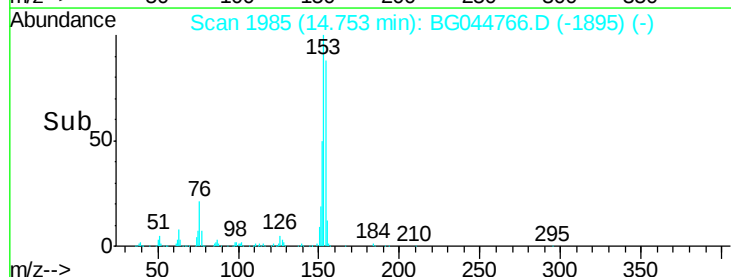
Abundance Ion 154.00 (153.70 to 154.70): E

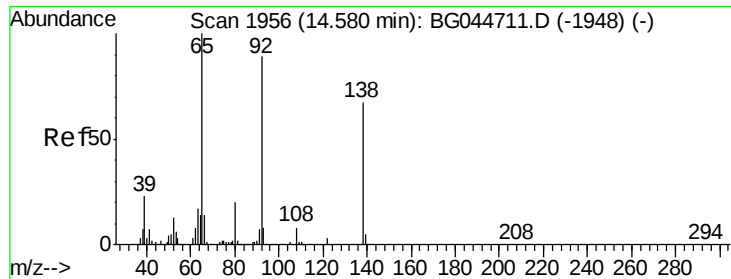
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.75

Time-->

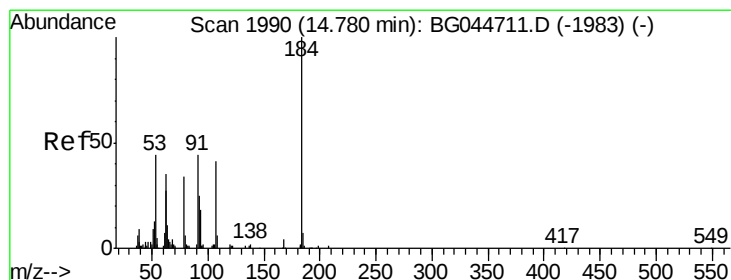
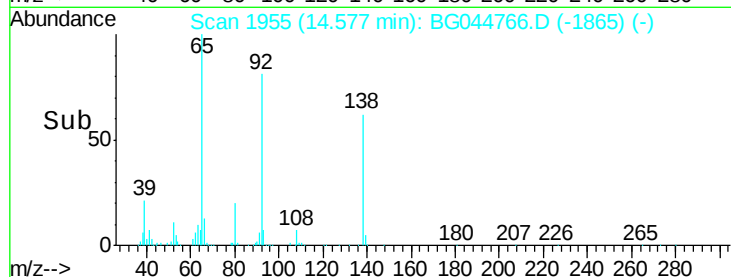
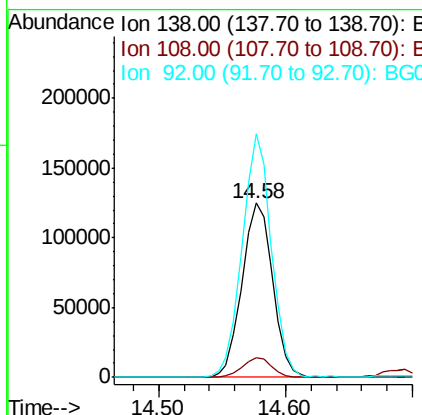
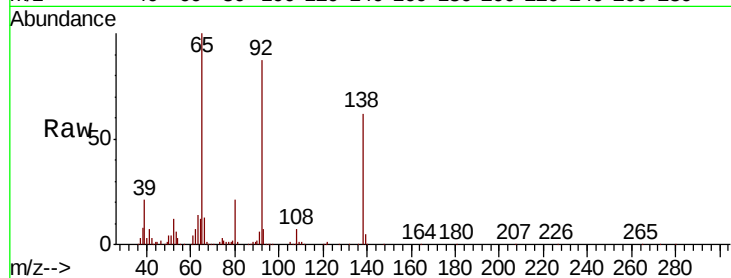




#53
3-Nitroaniline
Concen: 29.679 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

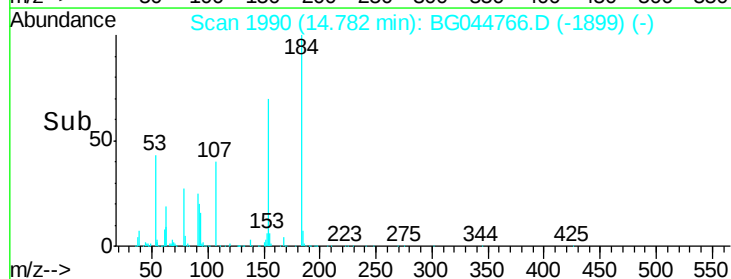
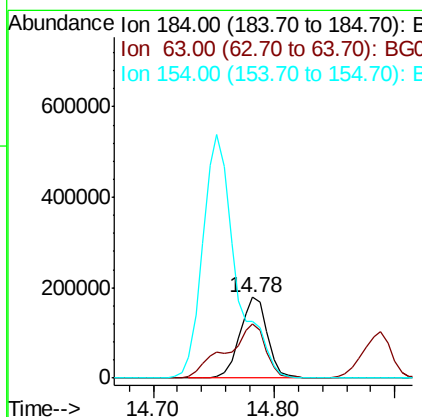
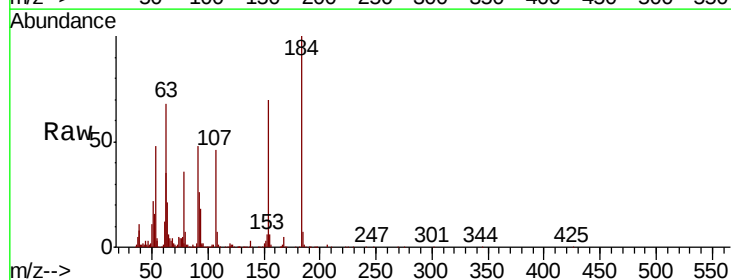
Instrument :
BNA_G
ClientSampleId :

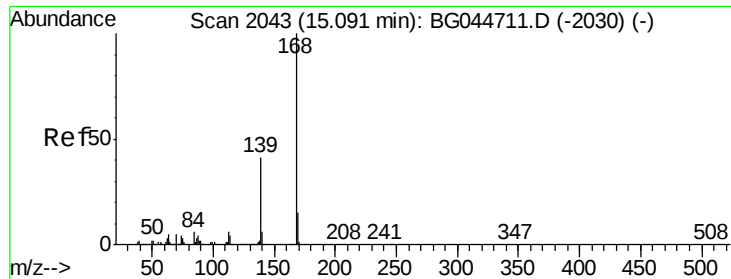
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.2	13.8
92	139.8	105.6	158.4



#54
2,4-Dinitrophenol
Concen: 87.428 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.9	49.0	73.6
154	70.1	94.5	141.7#

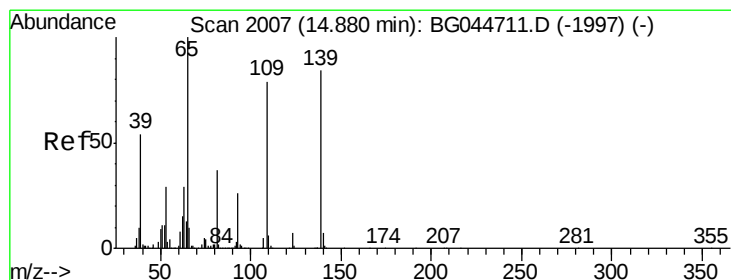
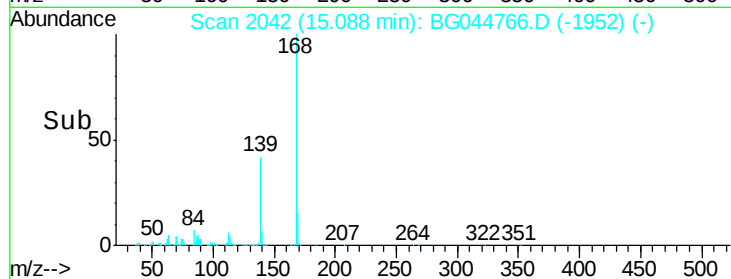
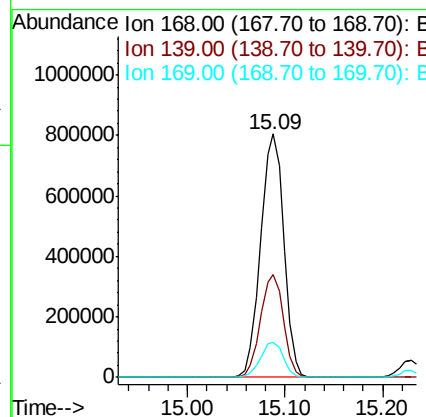
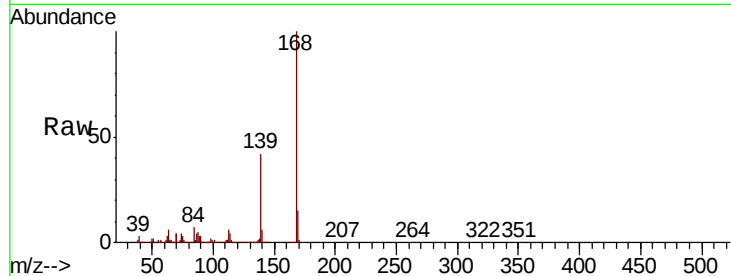




#55
Dibenzofuran
Concen: 38.526 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

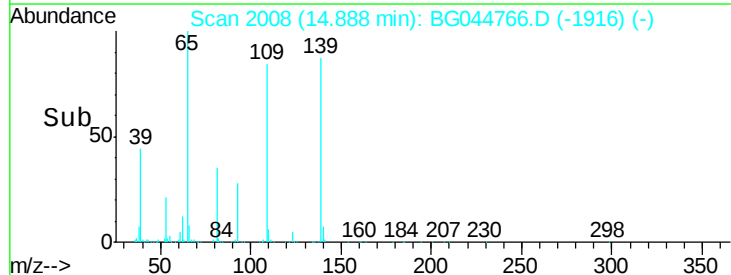
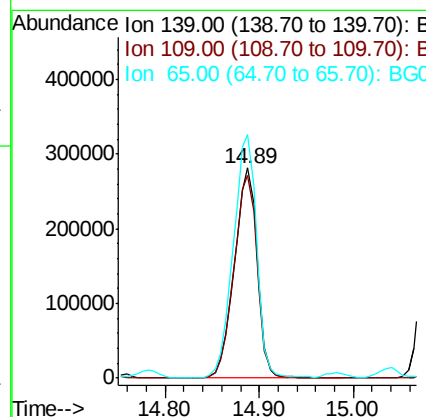
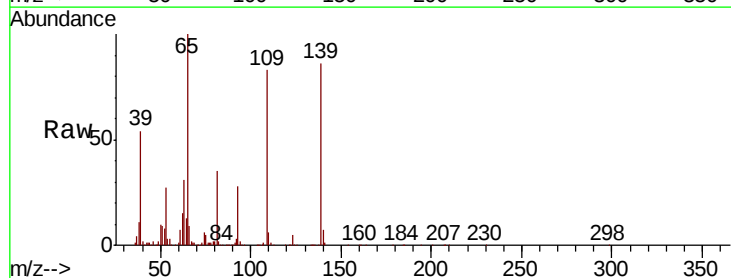
Instrument :
BNA_G
ClientSampled :

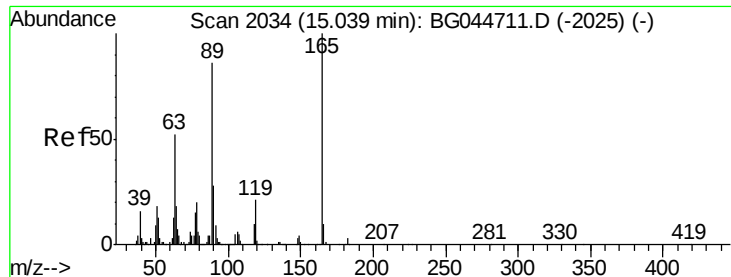
Tot Ion:168 Resp: 1337315
Ion Ratio Lower Upper
168 100
139 42.1 32.6 49.0
169 14.6 11.8 17.6



#56
4-Nitrophenol
Concen: 88.583 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion:139 Resp: 476884
Ion Ratio Lower Upper
139 100
109 96.1 74.1 114.1
65 115.8 98.6 138.6

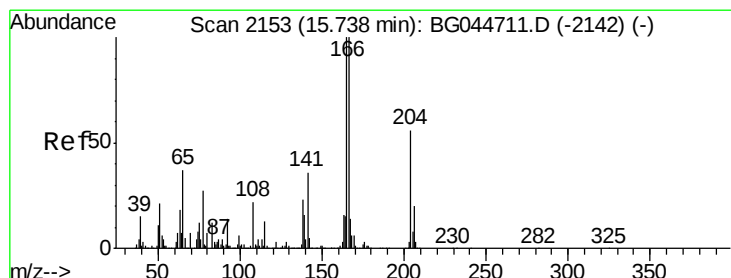
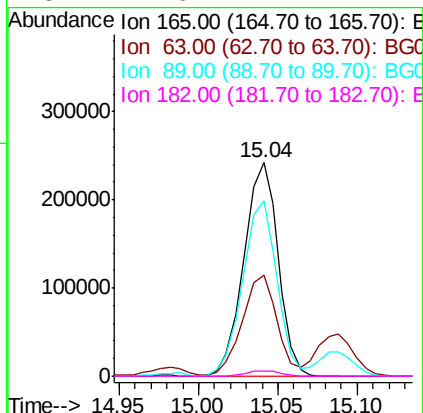
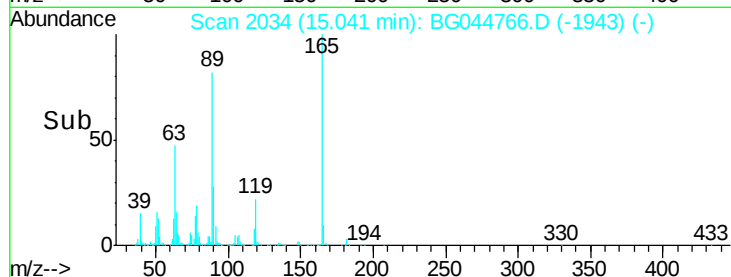
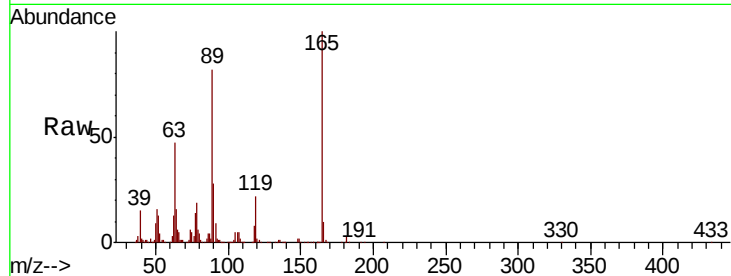




#57
 2,4-Dinitrotoluene
 Concen: 43.376 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

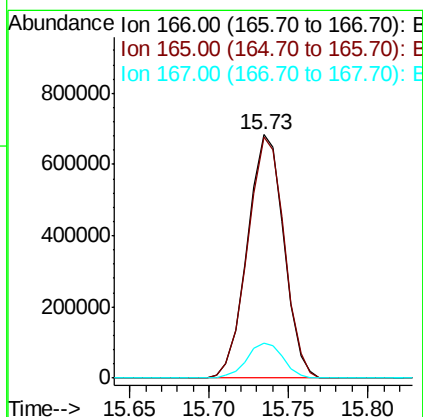
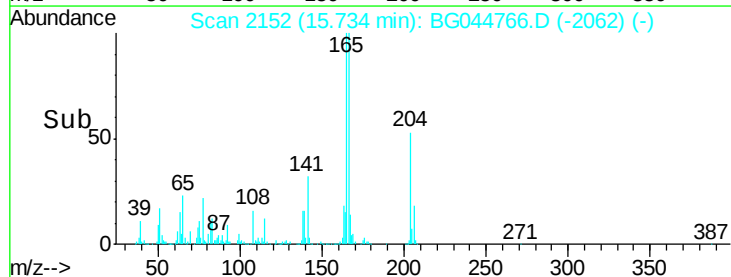
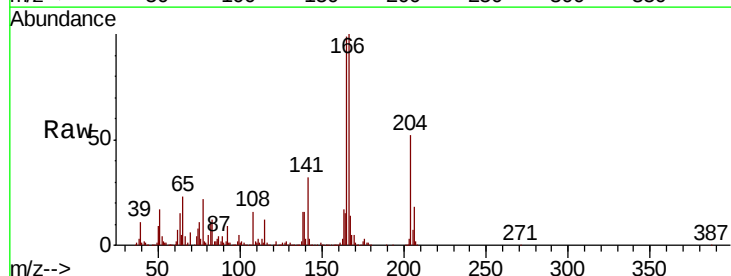
Instrument :
 BNA_G
 ClientSampleId :

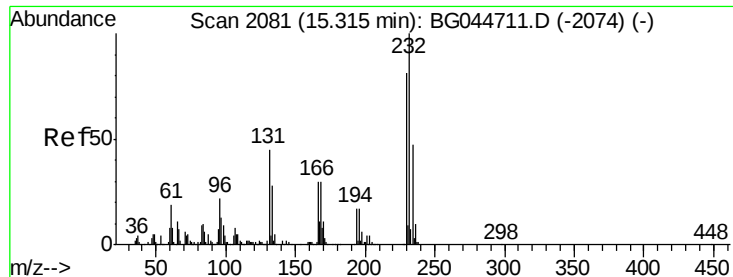
Tot Ion:165 Resp: 364998
 Ion Ratio Lower Upper
 165 100
 63 47.3 41.5 62.3
 89 82.0 69.0 103.4
 182 2.6 2.7 4.1#



#58
 Fluorene
 Concen: 38.320 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Tgt Ion:166 Resp: 1094206
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.6 119.4
 167 14.4 11.4 17.2

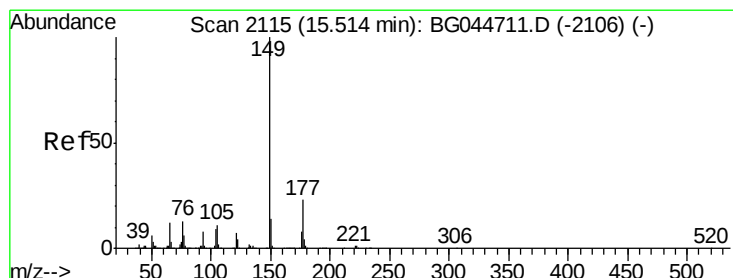
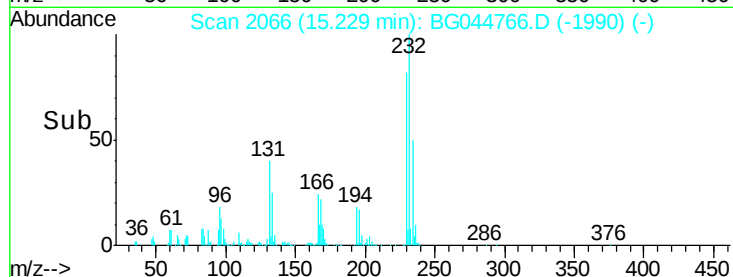
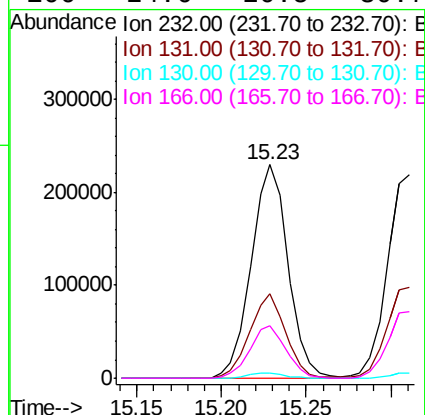
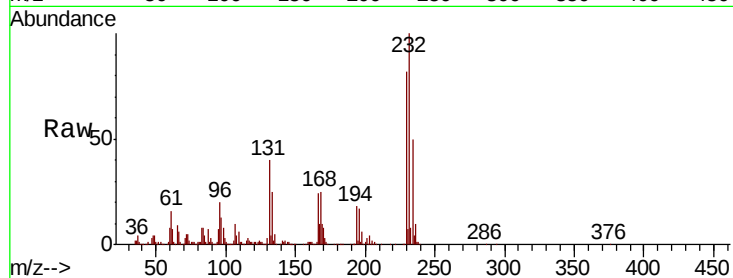




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.773 ng
RT: 15.23 min Scan# 2066
Delta R.T. -0.09 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

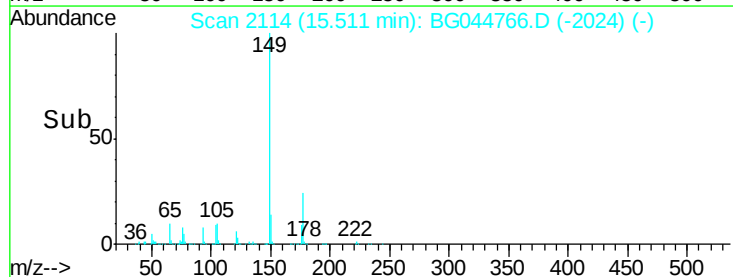
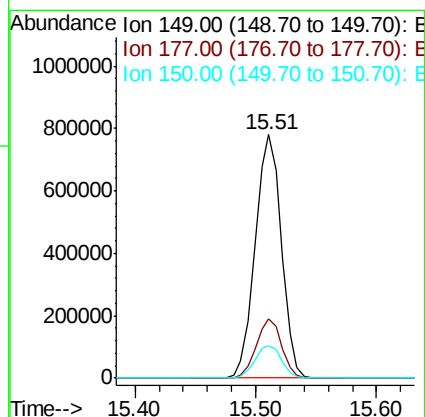
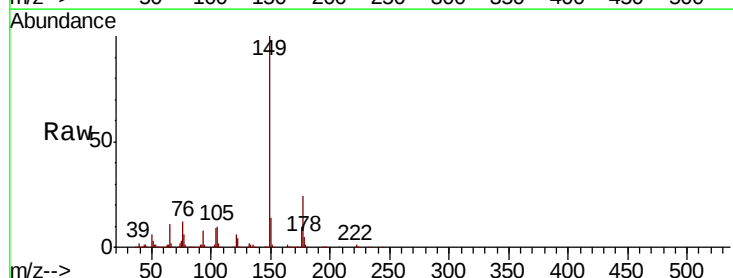
Instrument :
BNA_G
ClientSampleId :

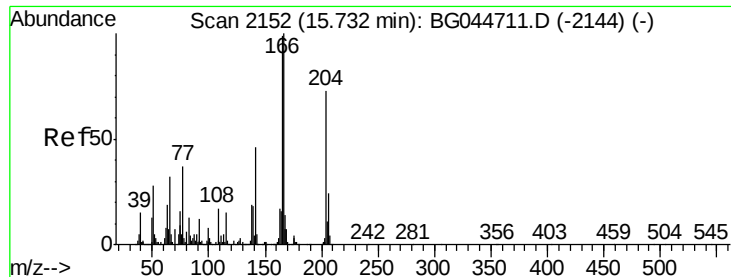
Tot Ion:232	Resp:	349101
Ion Ratio	Lower	Upper
232	100	
131	38.8	32.4 48.6
130	2.6	2.0 3.0
166	24.6	20.5 30.7



#60
Diethylphthalate
Concen: 37.223 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion:149	Resp:	1181737
Ion Ratio	Lower	Upper
149	100	
177	24.3	18.8 28.2
150	13.6	11.2 16.8

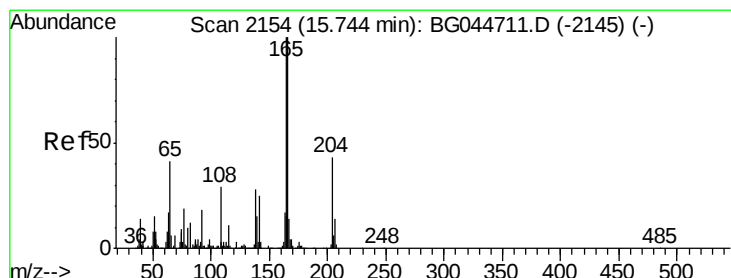
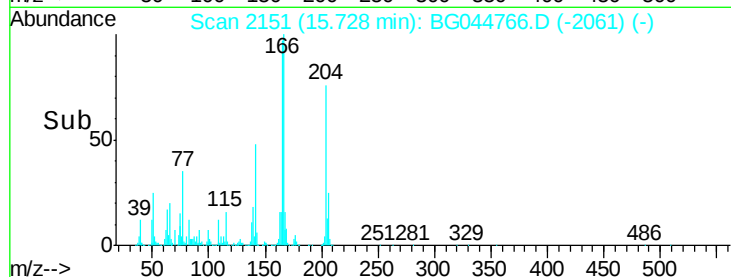
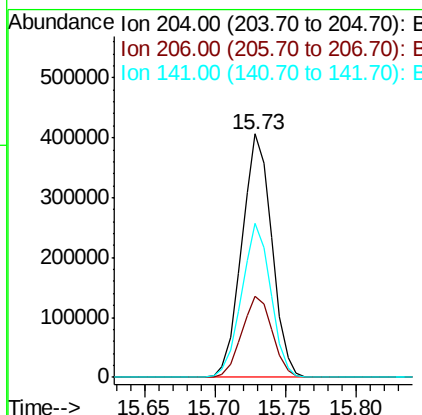
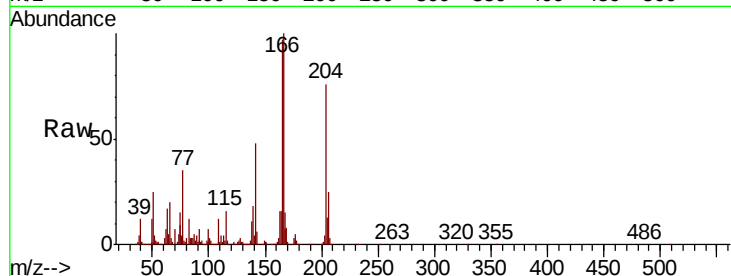




#61
4-Chlorophenyl-phenylether
Concen: 39.245 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

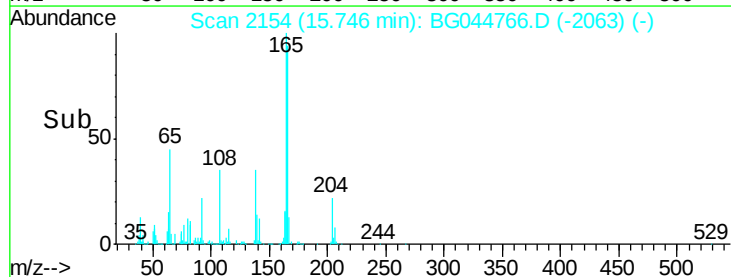
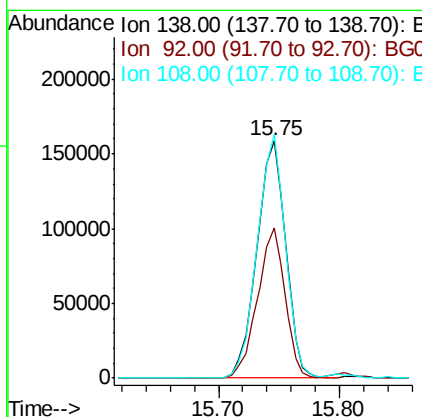
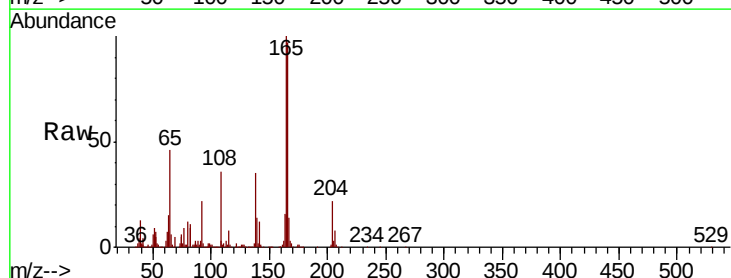
Instrument :
BNA_G
ClientSampleId :

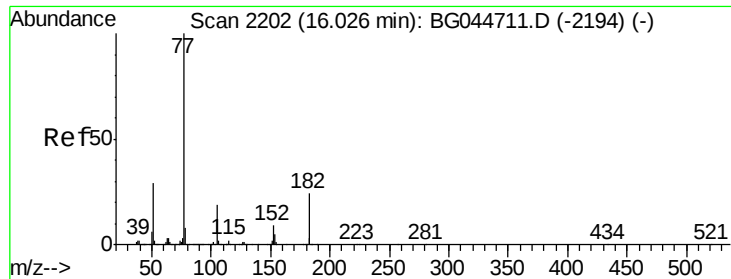
Tot Ion:204 Resp: 603414
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.6
141 63.1 50.8 76.2



#62
4-Nitroaniline
Concen: 35.191 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion:138 Resp: 264696
Ion Ratio Lower Upper
138 100
92 63.0 42.1 82.1
108 102.4 81.2 121.2

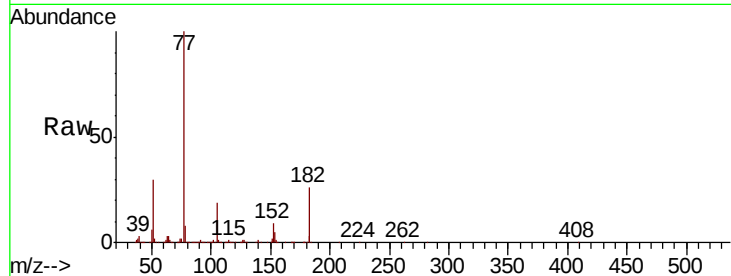




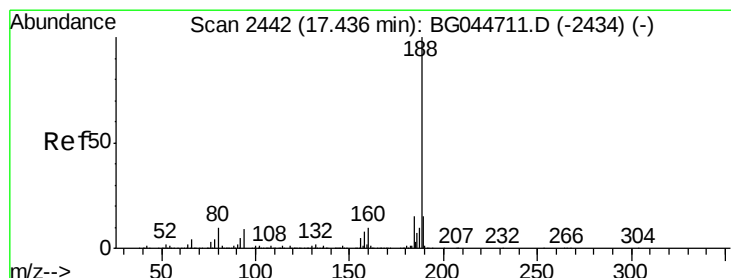
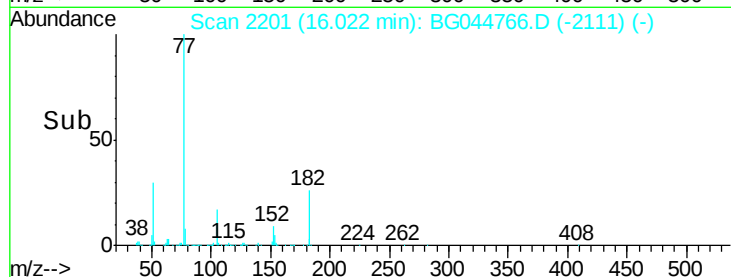
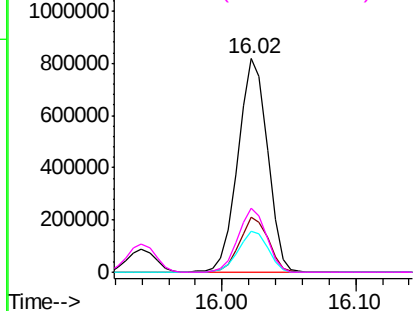
#63
Azobenzene
Concen: 37.917 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 1250050
Ion Ratio Lower Upper
77 100
182 25.7 3.6 43.6
105 18.9 0.0 39.3
51 29.9 8.7 48.7

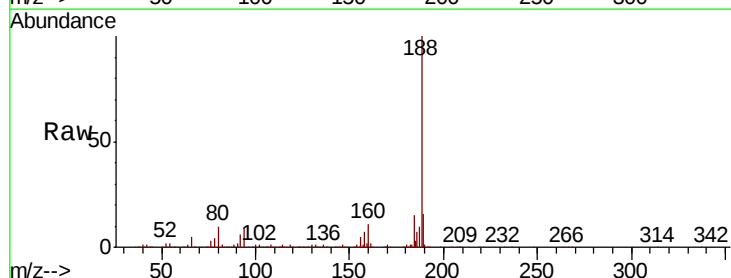


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

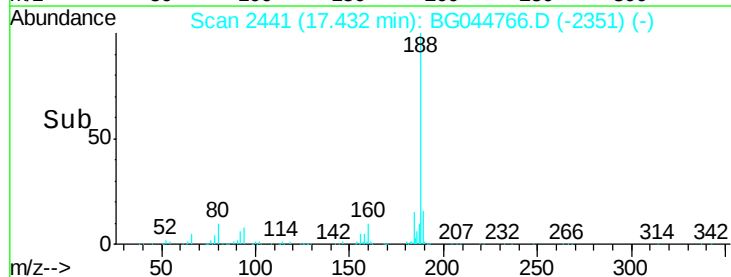
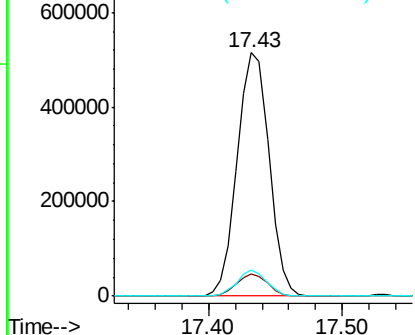


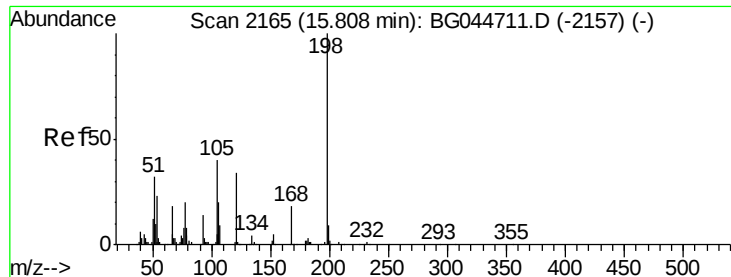
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion: 188 Resp: 849855
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.5 8.4 12.6



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: 50.927 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

ClientSampleId :

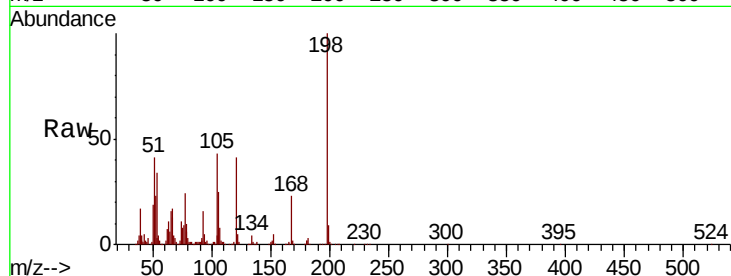
Tot Ion:198 Resp: 205915

Ion	Ratio	Lower	Upper
198	100		
51	41.4	20.1	60.1
105	43.0	21.3	61.3

198 100

51 41.4 20.1 60.1

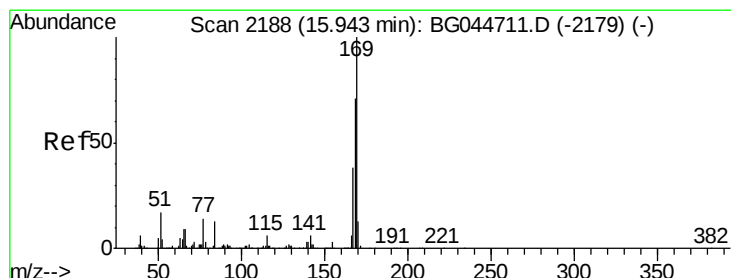
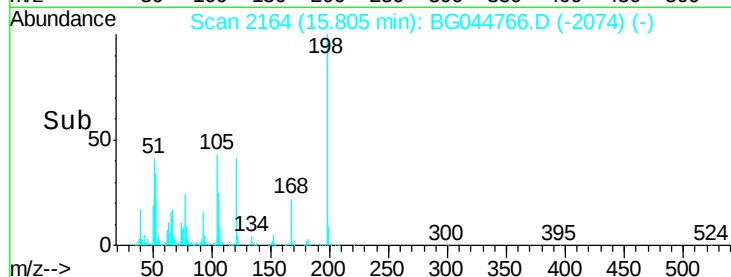
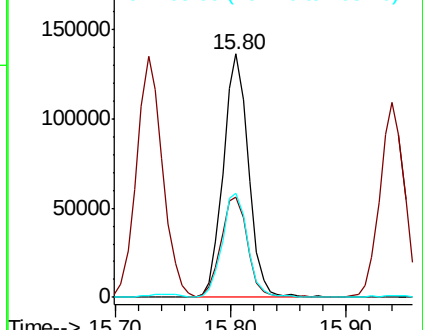
105 43.0 21.3 61.3



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: 39.136 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

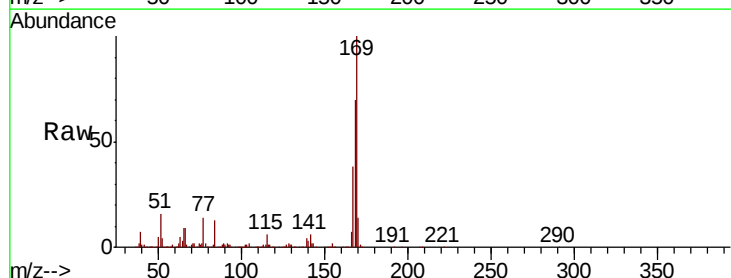
Tgt Ion:169 Resp: 1001344

Ion	Ratio	Lower	Upper
169	100		
168	69.6	56.6	85.0
167	37.6	30.1	45.1

169 100

168 69.6 56.6 85.0

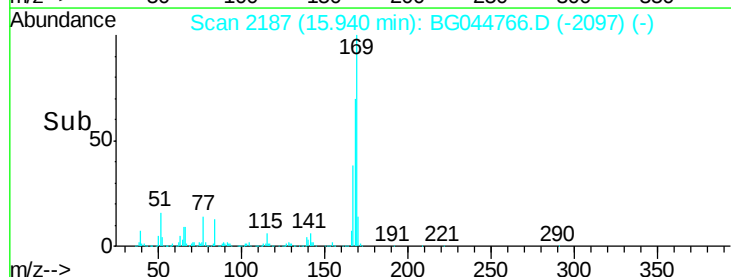
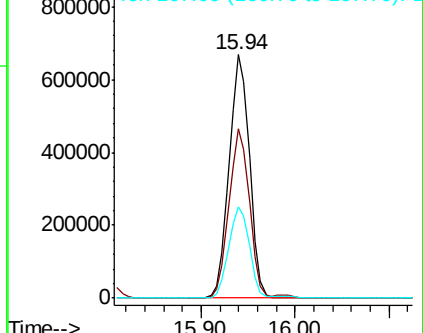
167 37.6 30.1 45.1

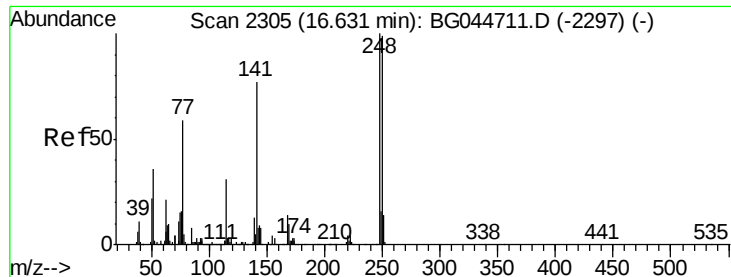


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

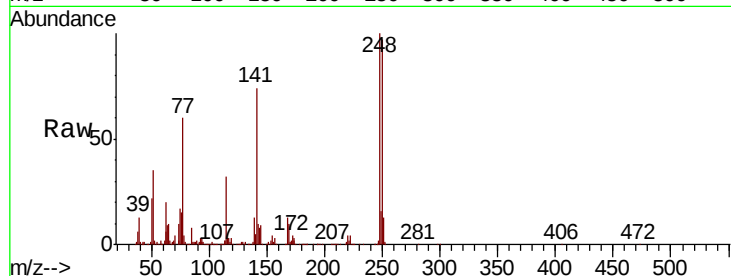




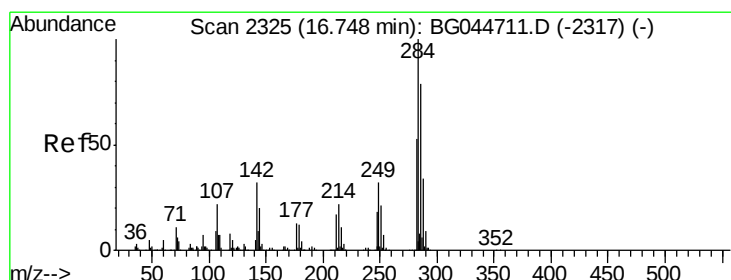
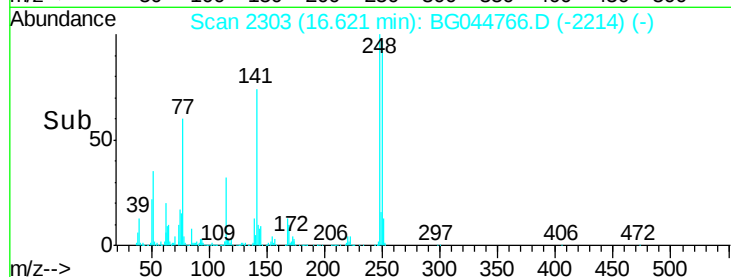
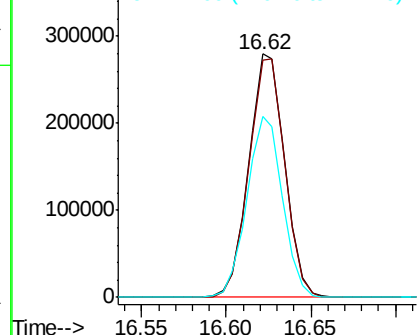
#67
4-Bromophenyl-phenylether
Concen: 38.657 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 410712
Ion Ratio Lower Upper
248 100
250 97.2 79.4 119.0
141 74.5 61.7 92.5

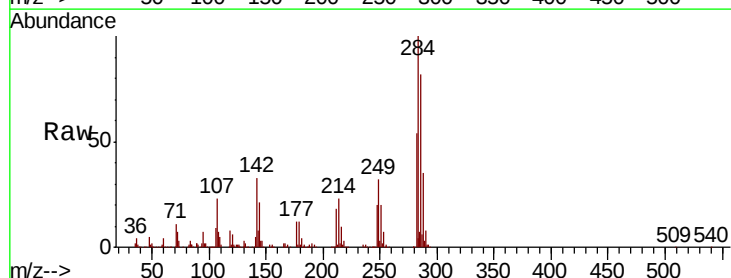


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

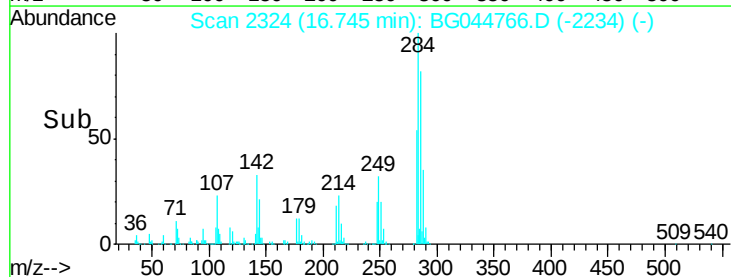
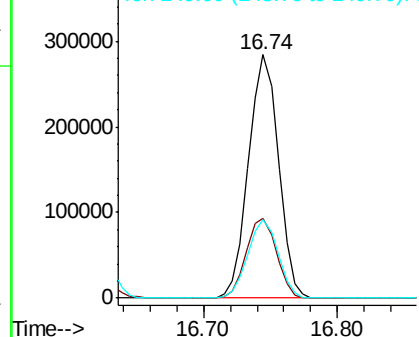


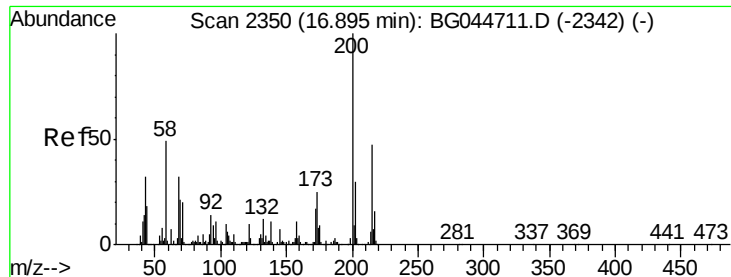
#68
Hexachlorobenzene
Concen: 37.951 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion:284 Resp: 437439
Ion Ratio Lower Upper
284 100
142 32.6 25.6 38.4
249 32.3 25.8 38.6



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

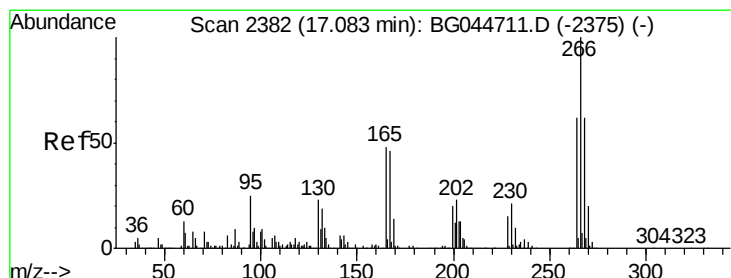
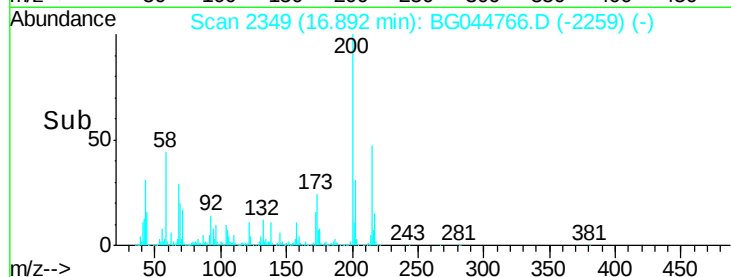
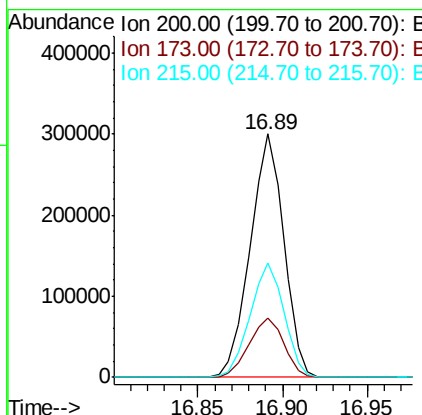
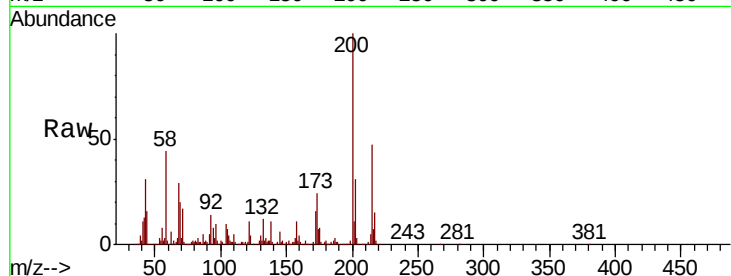




#69
 Atrazine
 Concen: 44.355 ng
 RT: 16.89 min Scan# 2349
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

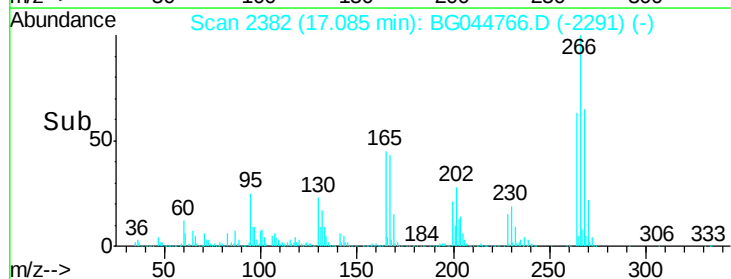
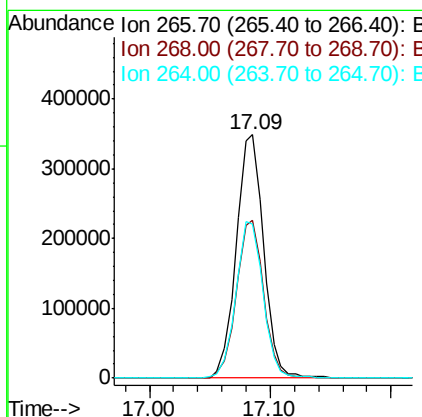
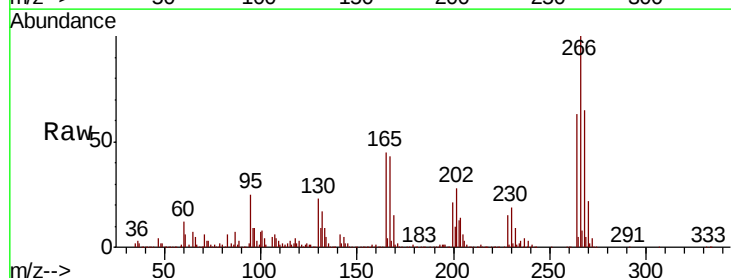
Instrument :
 BNA_G
 ClientSampleId :

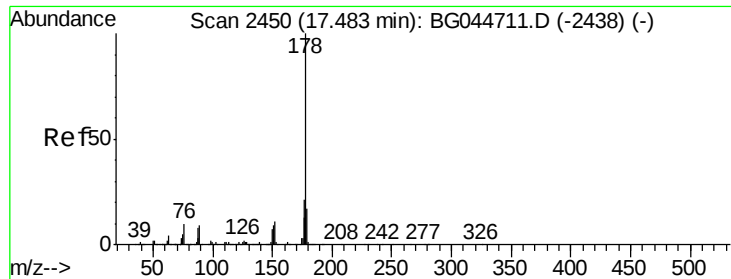
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.1	4.8	44.8
215	46.9	27.4	67.4



#70
 Pentachlorophenol
 Concen: 87.244 ng
 RT: 17.09 min Scan# 2382
 Delta R.T. 0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	49.9	74.9
264	63.3	49.9	74.9





#71

Phenanthrene

Concen: 37.943 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

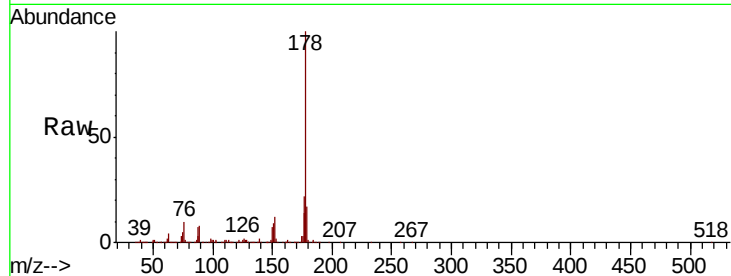
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1723184

Ion	Ratio	Lower	Upper
178	100		
176	22.1	17.0	25.6
179	17.3	13.7	20.5

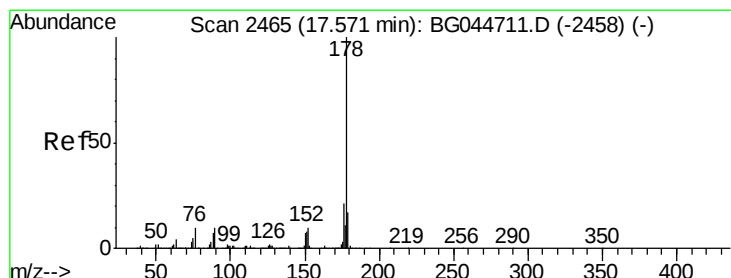
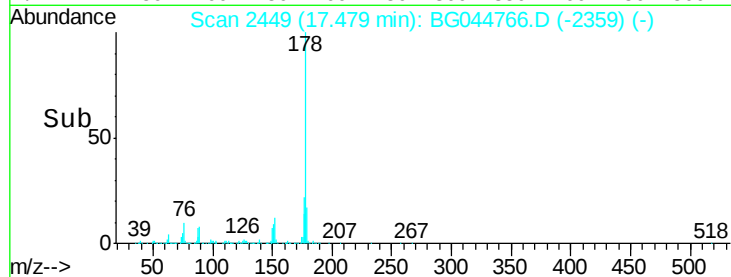
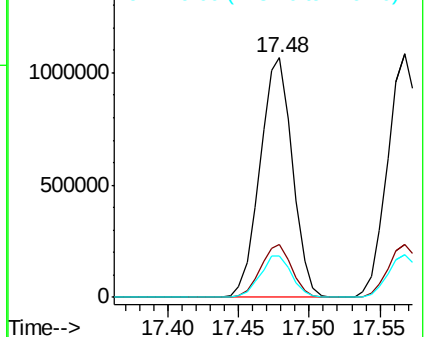


Abundance

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: 38.564 ng

RT: 17.57 min Scan# 2464

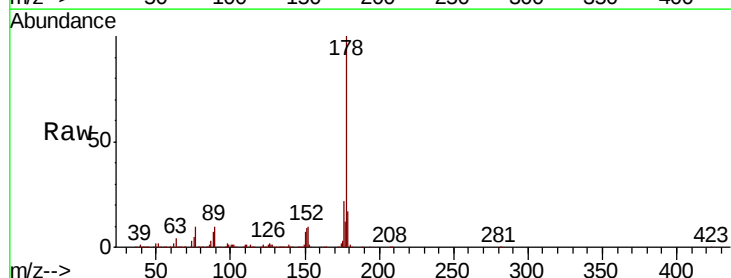
Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Tgt Ion:178 Resp: 1726962

Ion	Ratio	Lower	Upper
178	100		
176	21.5	17.0	25.6
179	17.5	13.8	20.8

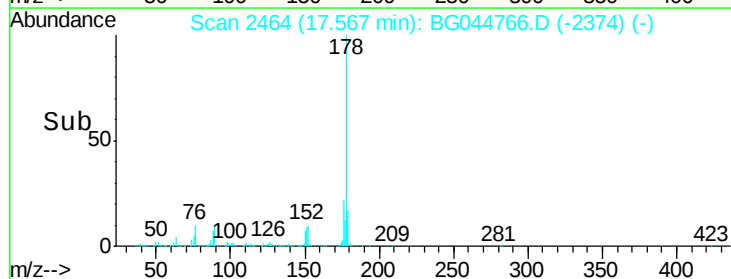
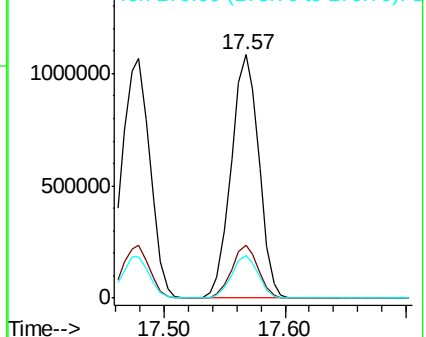


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.458 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

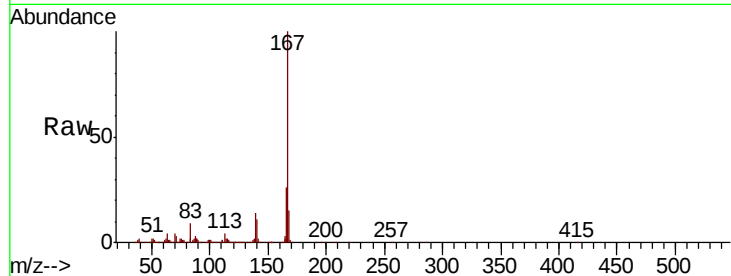
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1654319

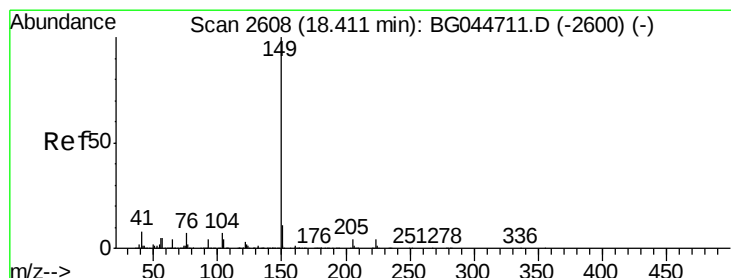
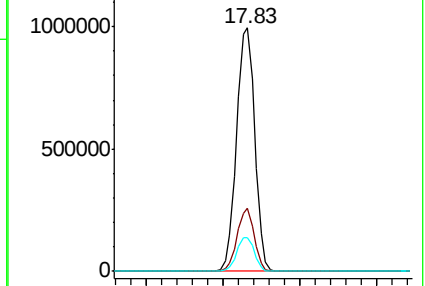
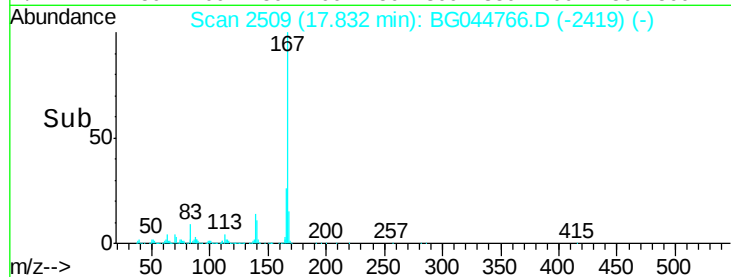
Ion	Ratio	Lower	Upper
167	100		
166	25.9	19.6	29.4
139	13.9	11.4	17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.806 ng

RT: 18.40 min Scan# 2606

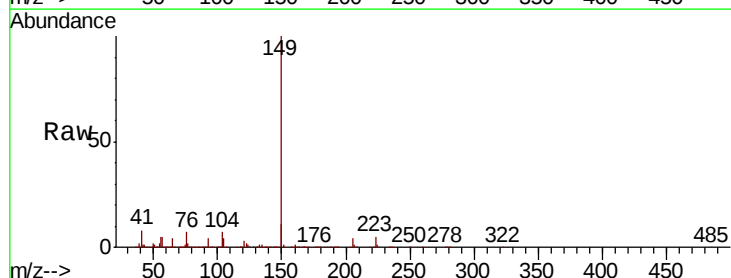
Delta R.T. -0.01 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Tgt Ion:149 Resp: 1924600

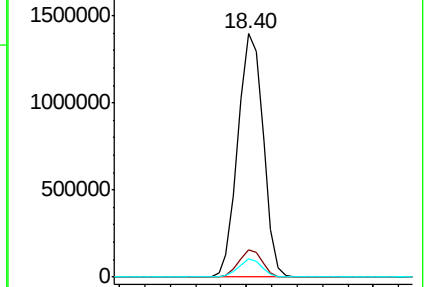
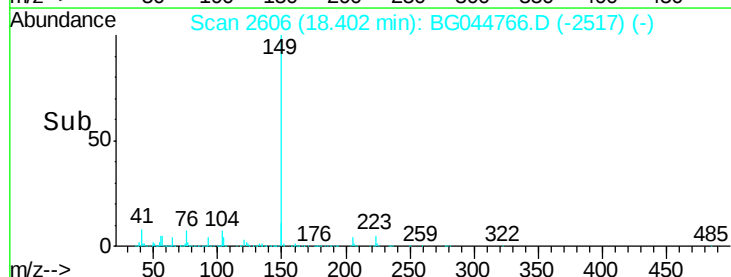
Ion	Ratio	Lower	Upper
149	100		
150	11.4	8.4	12.6
104	7.4	5.6	8.4

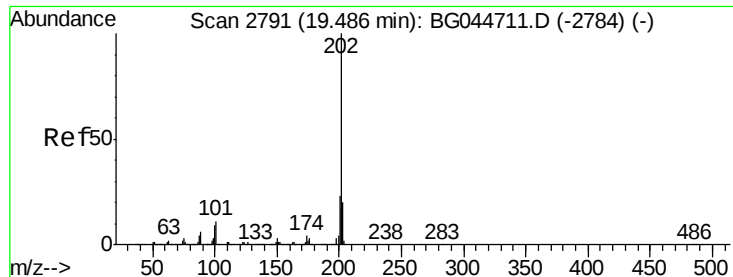


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.213 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

ClientSampleId :

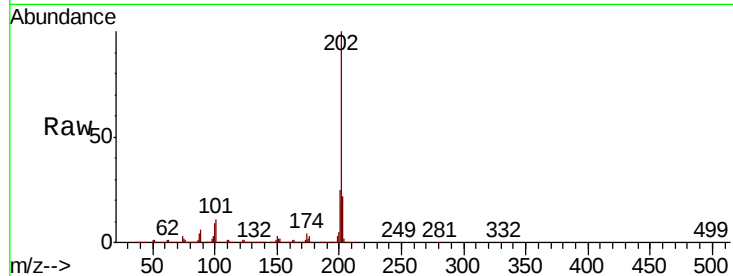
Tot Ion:202 Resp: 2066350

Ion Ratio Lower Upper

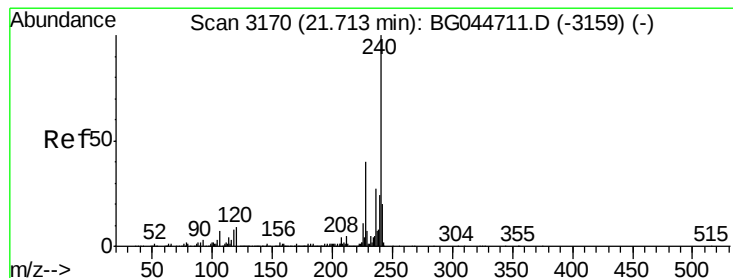
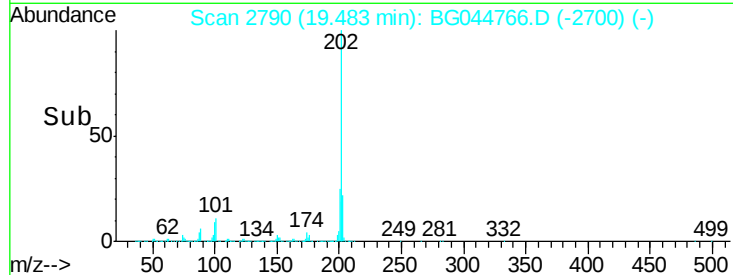
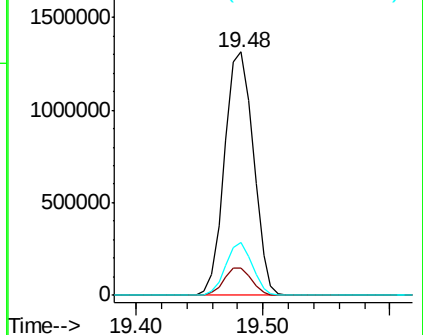
202 100

101 11.2 0.0 31.3

203 21.5 0.4 40.4



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: 21.71 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

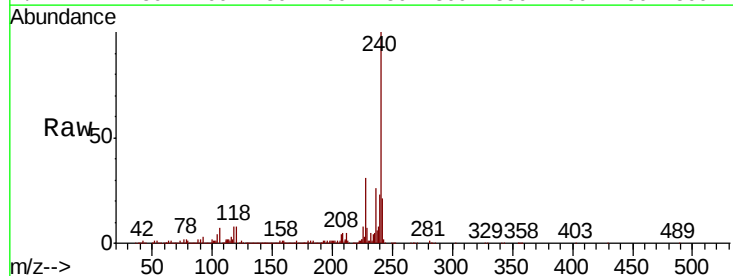
Tgt Ion:240 Resp: 728489

Ion Ratio Lower Upper

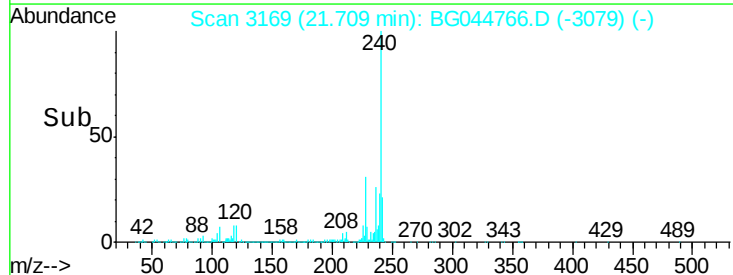
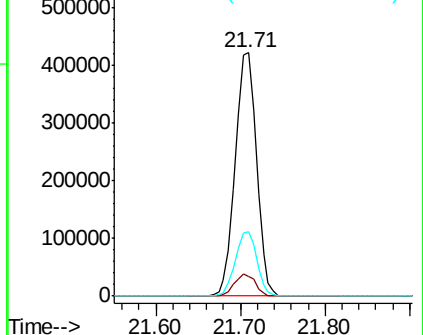
240 100

120 8.2 6.9 10.3

236 26.3 21.9 32.9



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: 25.682 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

ClientSampled :

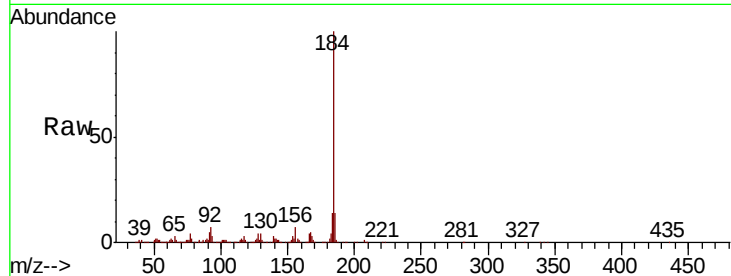
Tot Ion:184 Resp: 607368

Ion Ratio Lower Upper

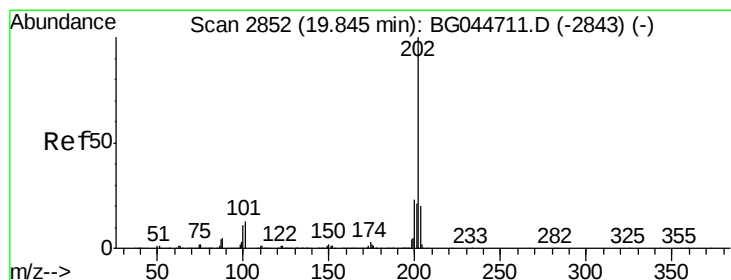
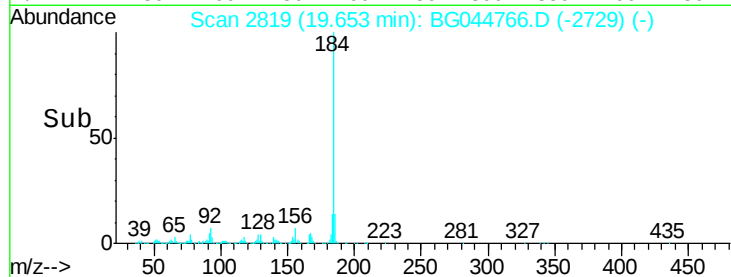
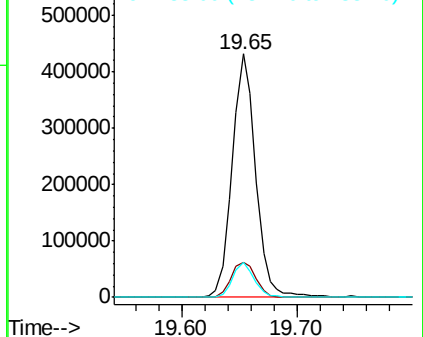
184 100

185 14.5 12.9 19.3

183 14.4 10.6 15.8



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: 38.463 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

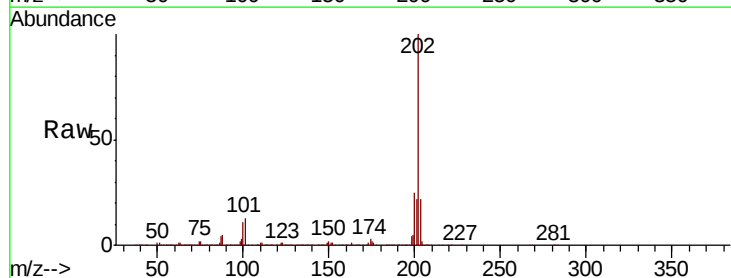
Tgt Ion:202 Resp: 2055736

Ion Ratio Lower Upper

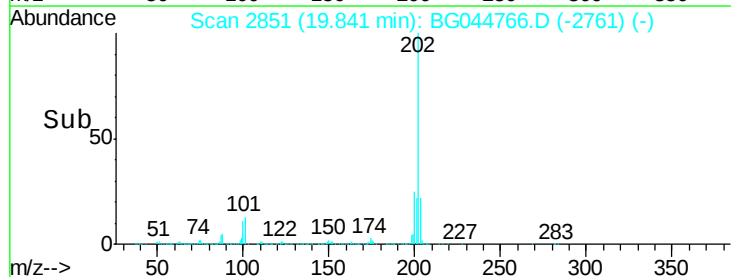
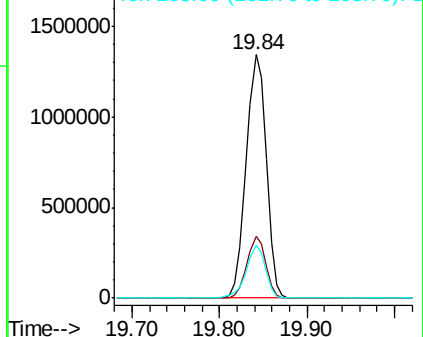
202 100

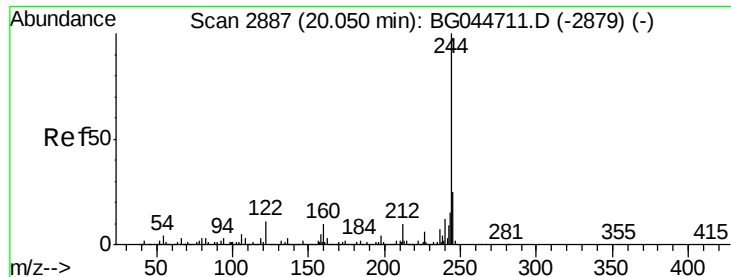
200 25.4 18.7 28.1

203 21.8 16.0 24.0



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: 62.636 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

ClientSampleId :

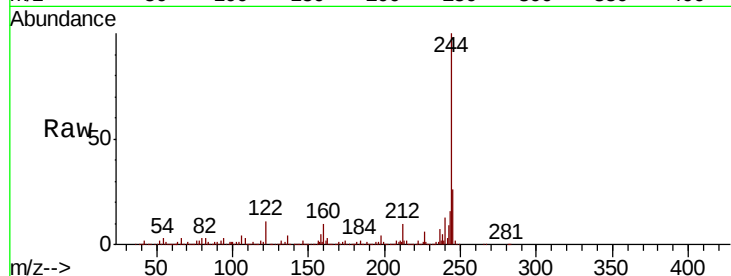
Tot Ion:244 Resp: 2439384

Ion Ratio Lower Upper

244 100

212 10.1 8.4 12.6

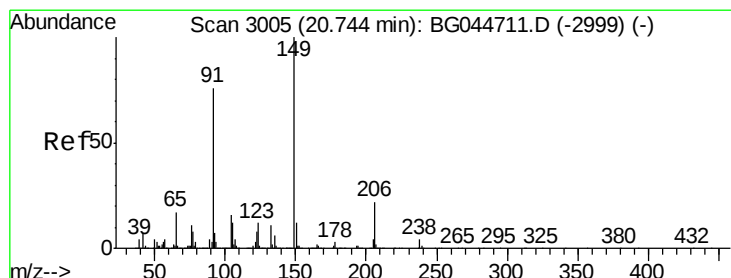
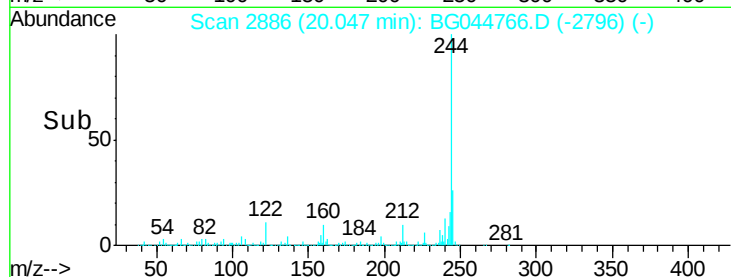
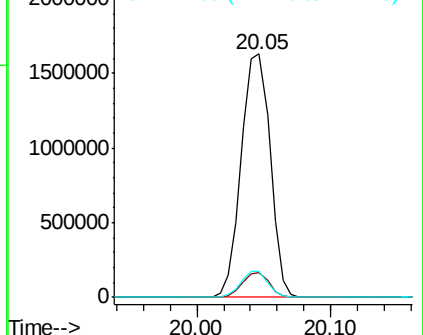
122 10.6 8.7 13.1



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: 37.983 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

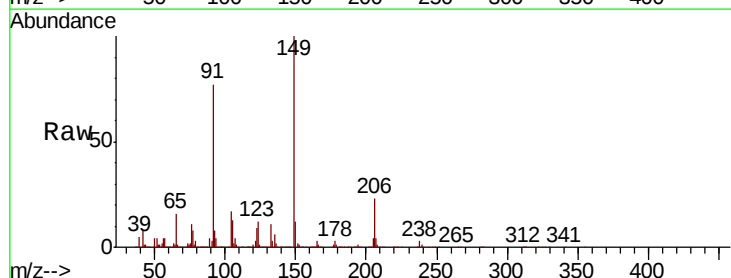
Tgt Ion:149 Resp: 903148

Ion Ratio Lower Upper

149 100

91 77.2 61.1 91.7

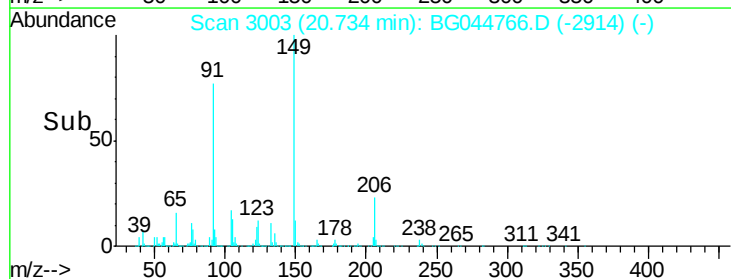
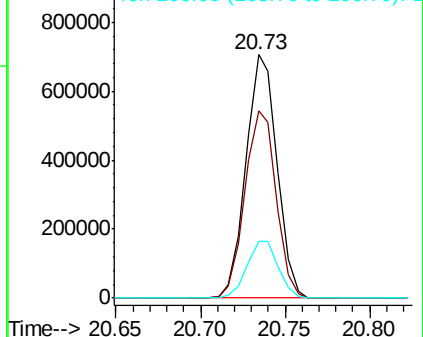
206 23.3 17.4 26.2

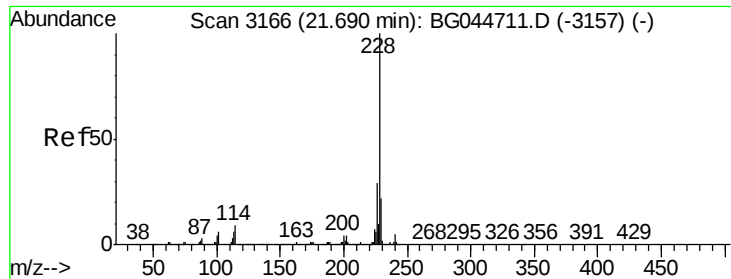


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.198 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

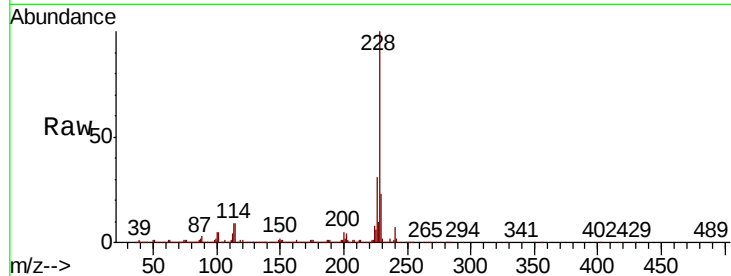
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 2003723

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.5	35.3
229	23.1	17.2	25.8

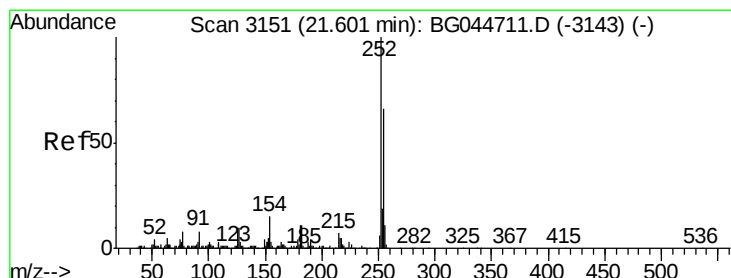
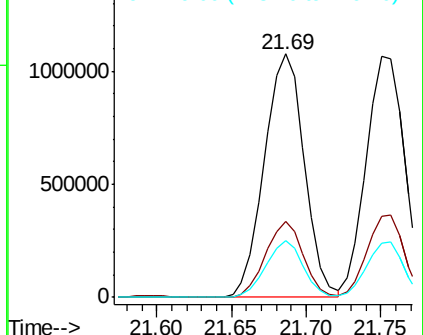
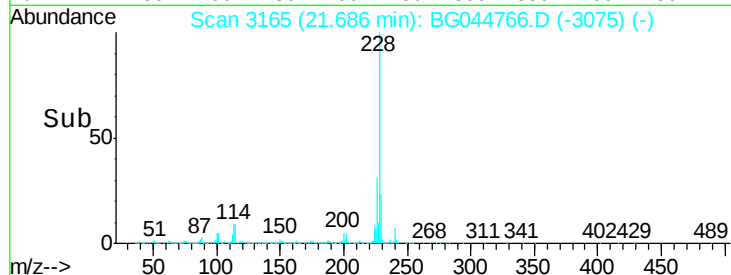


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.076 ng

RT: 21.60 min Scan# 3150

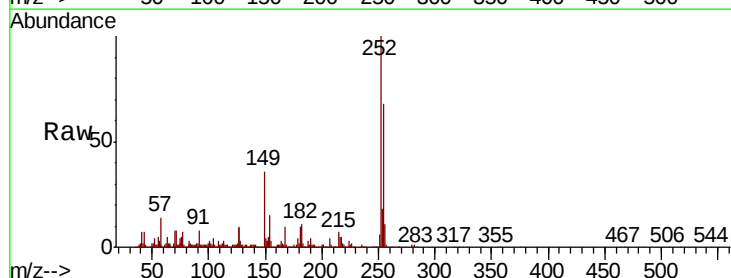
Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Tgt Ion:252 Resp: 711825

Ion	Ratio	Lower	Upper
252	100		
254	68.3	53.0	79.4
126	9.9	8.2	12.4

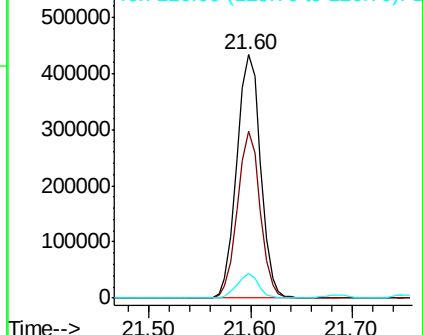
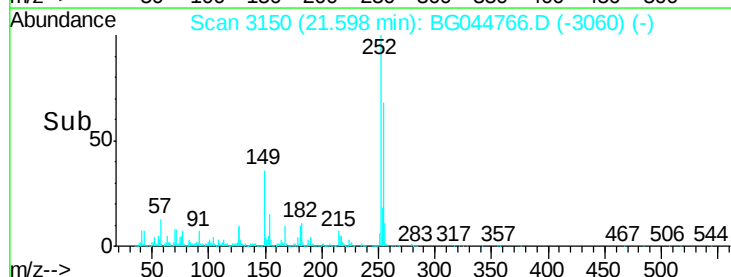


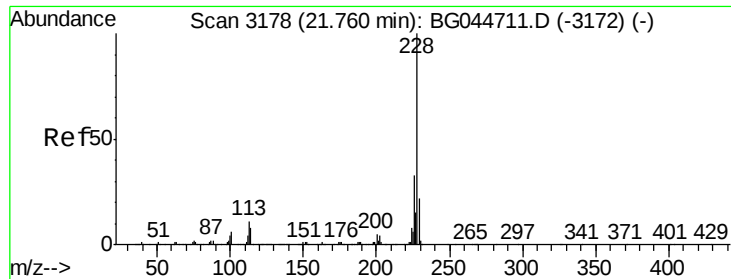
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

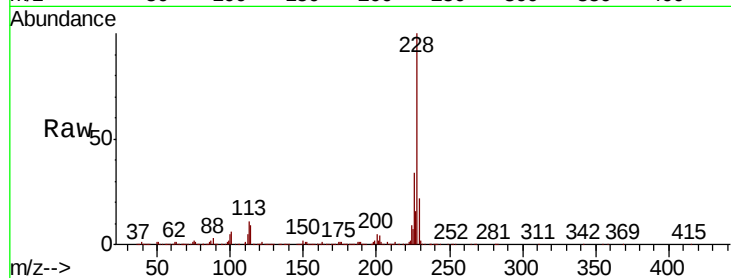




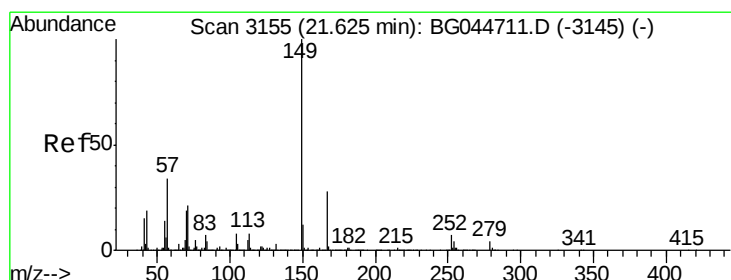
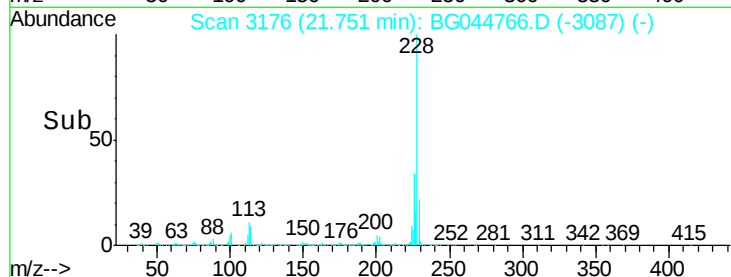
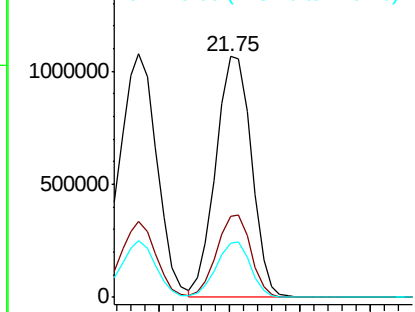
#83
Chrysene
Concen: 37.431 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampled :

Tot Ion:228 Resp: 1875584
Ion Ratio Lower Upper
228 100
226 33.8 26.1 39.1
229 22.3 17.4 26.0

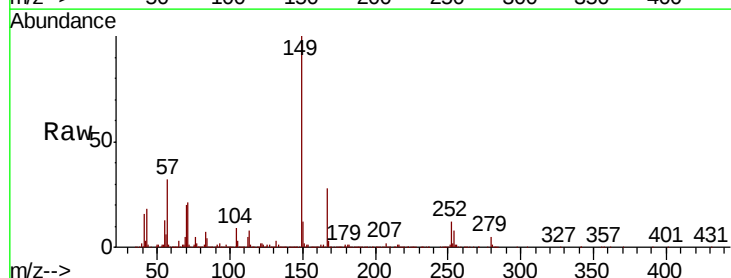


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

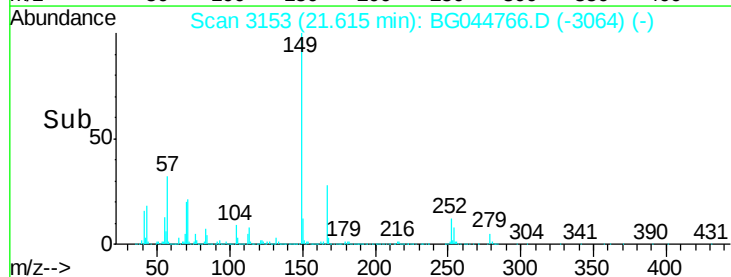
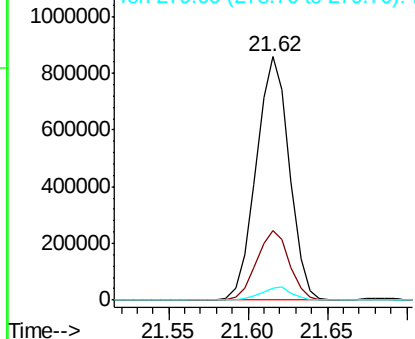


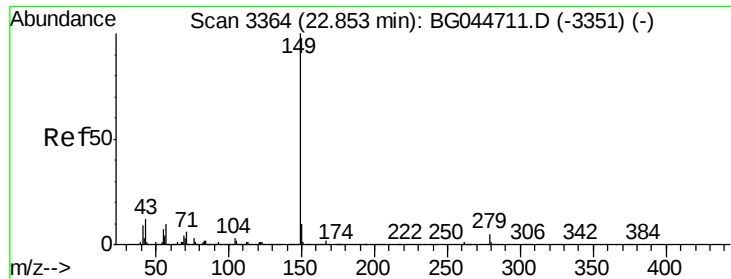
#84
Bis(2-ethylhexyl)phthalate
Concen: 38.016 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion:149 Resp: 1247536
Ion Ratio Lower Upper
149 100
167 28.4 22.6 33.8
279 5.0 3.5 5.3



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: 38.907 ng

RT: 22.84 min Scan# 3361

Delta R.T. -0.02 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

ClientSampled :

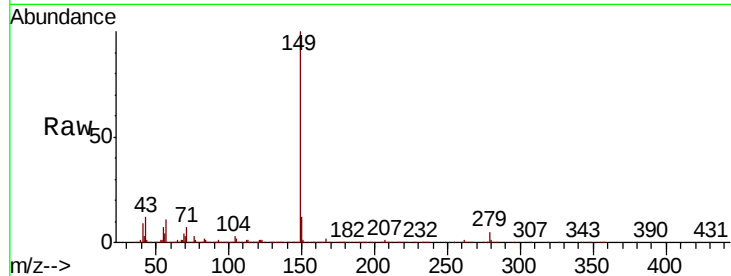
Tot Ion:149 Resp: 2136521

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

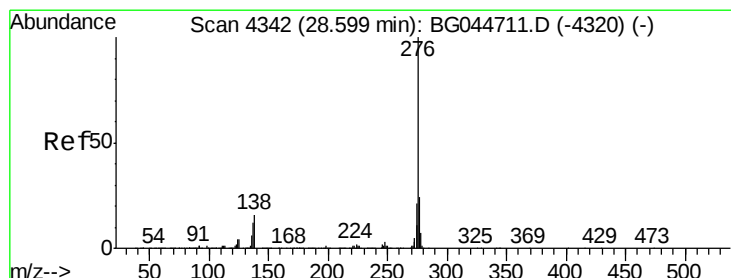
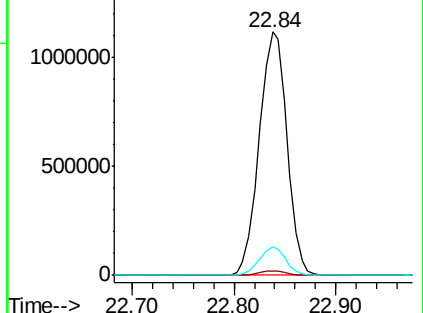
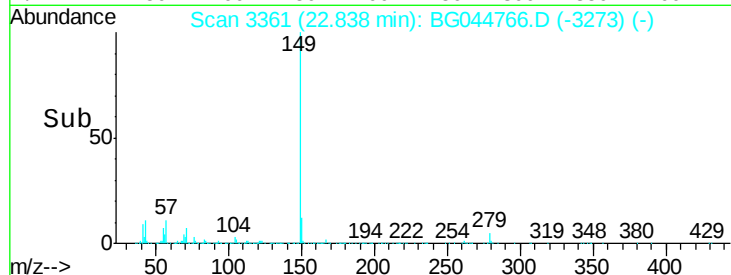
43 11.0 9.0 13.6



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: 38.916 ng

RT: 28.59 min Scan# 4340

Delta R.T. -0.01 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

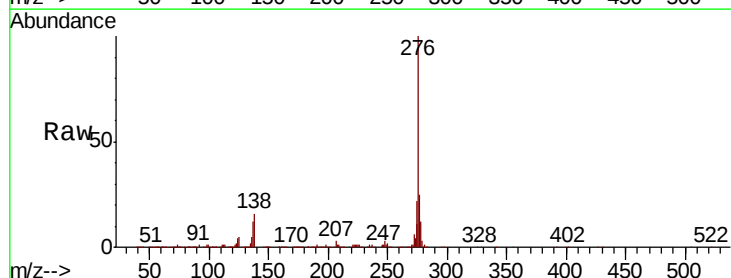
Tgt Ion:276 Resp: 2556473

Ion Ratio Lower Upper

276 100

138 13.0 10.9 16.3

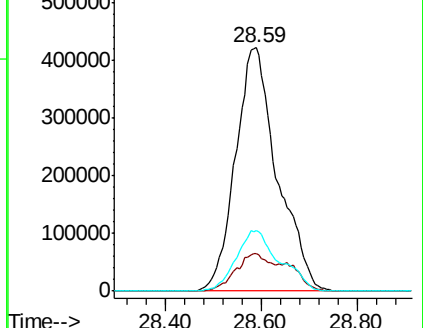
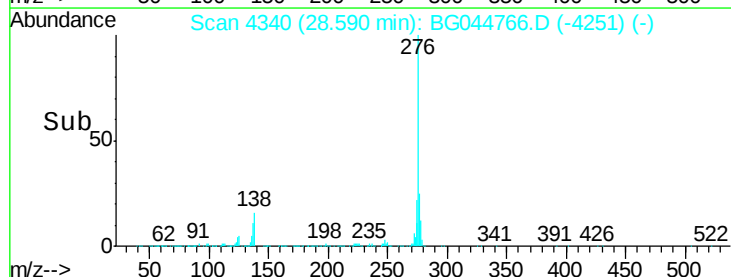
277 26.1 20.8 31.2

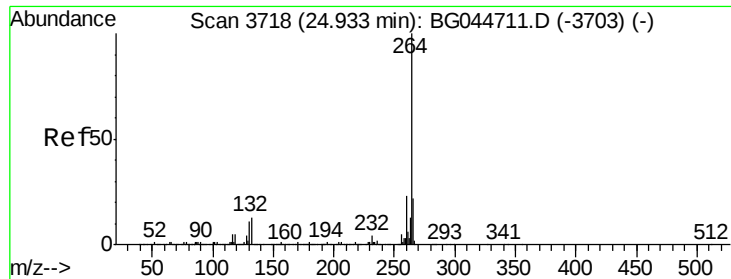


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.92 min Scan# 3716

Delta R.T. -0.01 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

ClientSampleId :

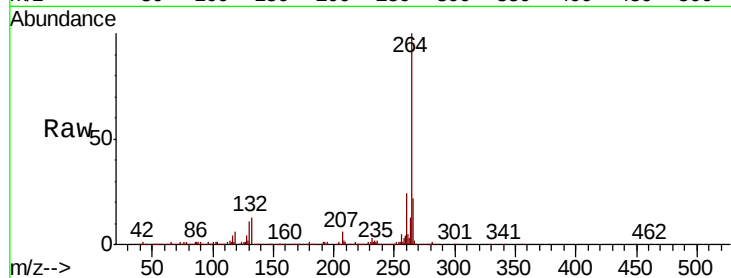
Tot Ion:264 Resp: 688157

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.4	27.6
265	22.2	17.4	26.2

264 100

260 24.3 18.4 27.6

265 22.2 17.4 26.2

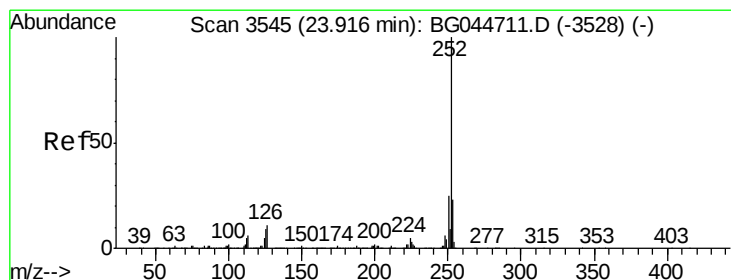
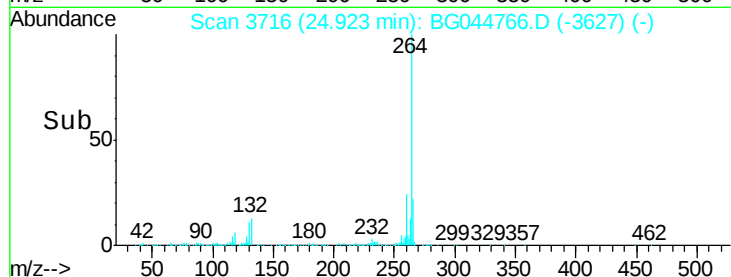
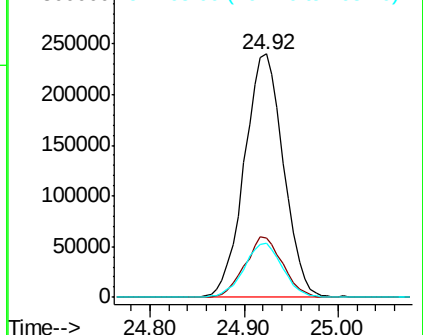


Abundance

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: 48.386 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

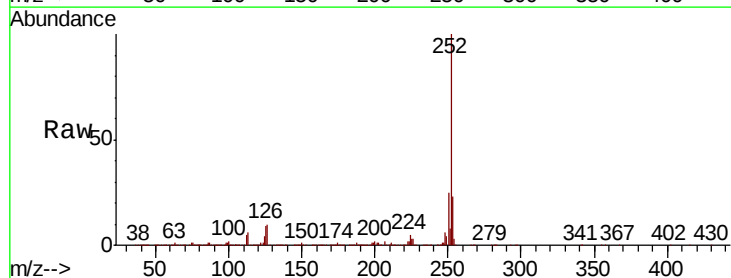
Tgt Ion:252 Resp: 2198205

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	8.8	7.2	10.8

252 100

253 23.4 18.7 28.1

125 8.8 7.2 10.8

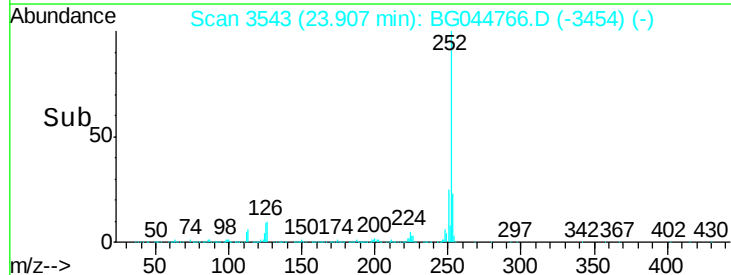
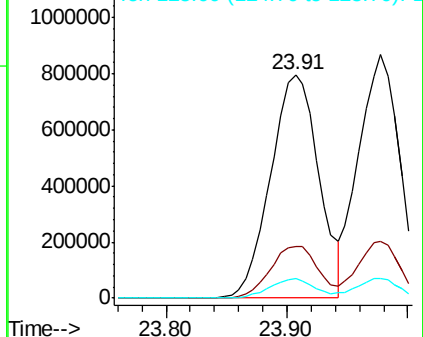


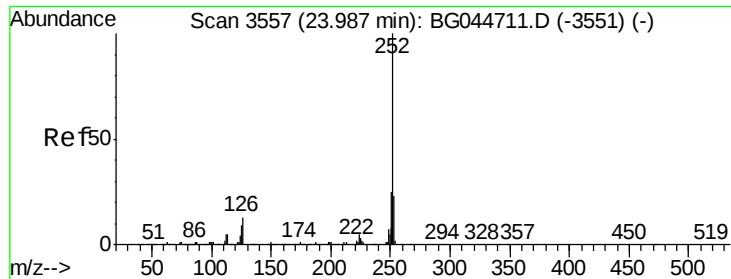
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 47.603 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.01 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

ClientSampleId :

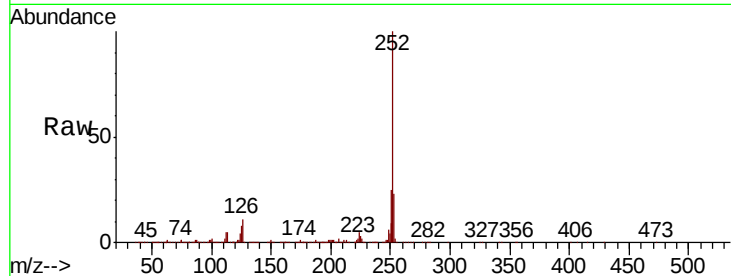
Tot Ion:252 Resp: 2046581

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

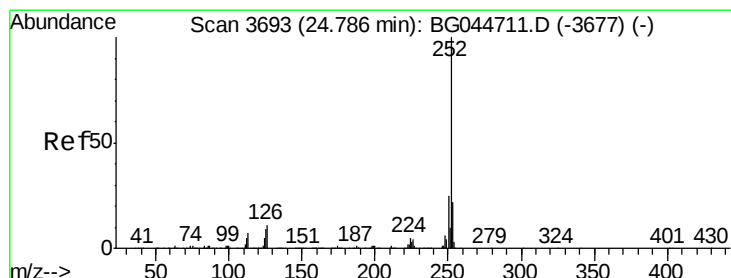
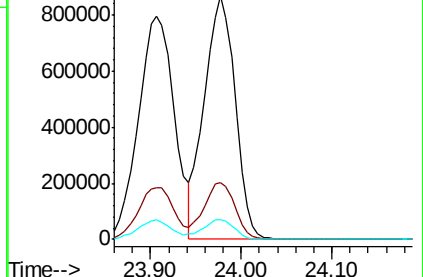
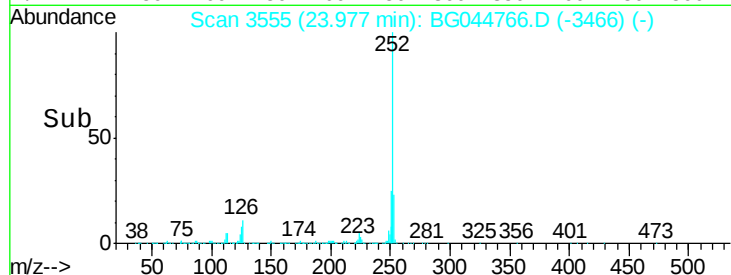
125 8.1 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.768 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

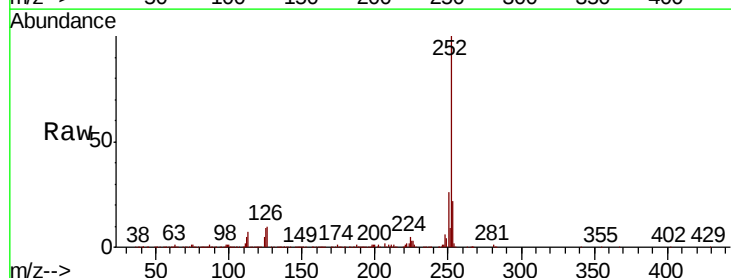
Tgt Ion:252 Resp: 1988105

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

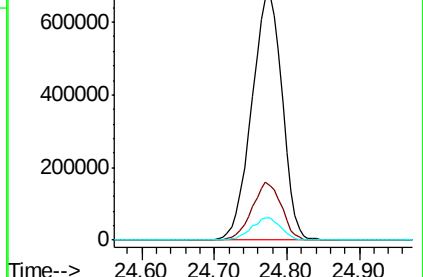
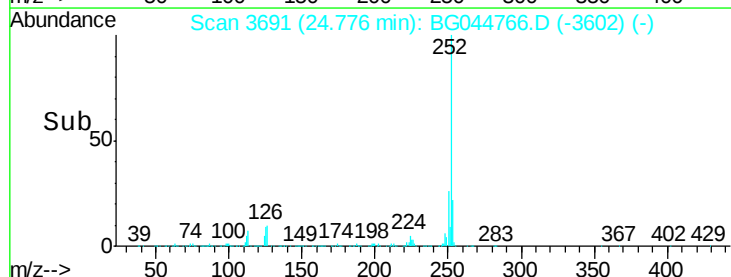
125 8.9 7.0 10.6

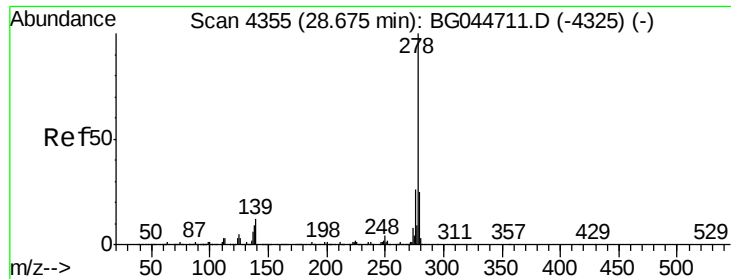


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

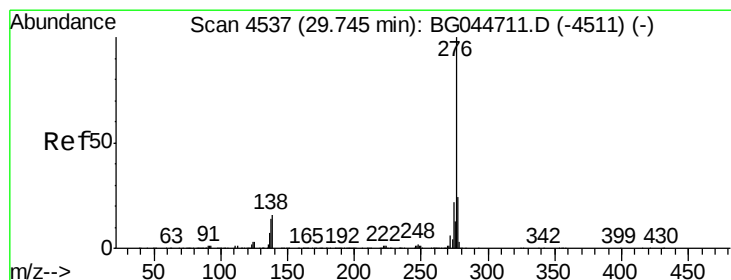
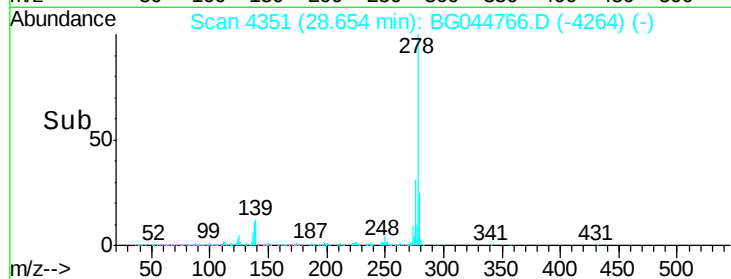
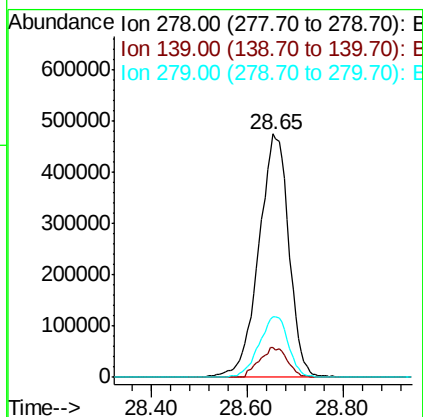
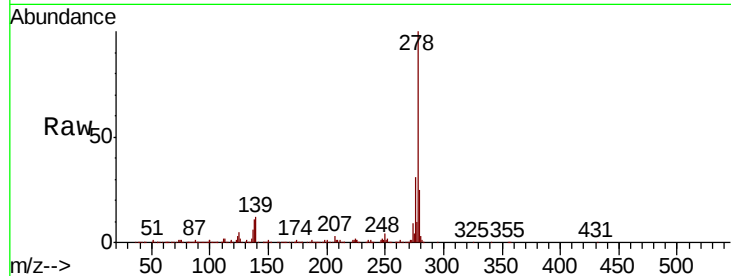




#91
Dibenzo(a,h)anthracene
Concen: 49.374 ng
RT: 28.65 min Scan# 4351
Delta R.T. -0.02 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 2070657
Ion Ratio Lower Upper
278 100
139 12.2 9.9 14.9
279 24.6 20.2 30.4



#92
Benzo(g,h,i)perylene
Concen: 49.713 ng
RT: 29.74 min Scan# 4535
Delta R.T. -0.01 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion:276 Resp: 2106407
Ion Ratio Lower Upper
276 100
277 24.9 18.8 28.2
138 15.9 13.0 19.4

