

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042883.D
 Acq On : 18 Sep 2019 1:07
 Operator : HP/JU
 Sample : K4871-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 18 02:32:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	68989	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	279402	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	195377	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	423559	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	387250	20.00	ng	0.00
87) Perylene-d12	25.03	264	404865	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	257817	64.97	ng	0.02
7) Phenol-d6	7.30	99	248315	43.60	ng	0.03
23) Nitrobenzene-d5	9.28	82	522217	97.31	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	419798	161.50	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1181115	95.69	ng	-0.02
79) Terphenyl-d14	20.08	244	1765969	101.07	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.60	88	16832	9.294	ng	# 89
3) Pyridine	4.04	79	18841	3.455	ng	90
4) n-Nitrosodimethylamine	3.92	42	34340	12.943	ng	# 79
6) Aniline	7.45	93	40407	5.258	ng	96
8) 2-Chlorophenol	7.69	128	166530	38.824	ng	99
9) Benzaldehyde	7.25	77	98634	26.611	ng	93
10) Phenol	7.32	94	117944	20.192	ng	94
11) bis(2-Chloroethyl)ether	7.53	93	175813	39.219	ng	96
12) 1,3-Dichlorobenzene	7.99	146	186243	35.599	ng	99
13) 1,4-Dichlorobenzene	8.14	146	189251	36.131	ng	97
14) 1,2-Dichlorobenzene	8.46	146	184661	37.036	ng	99
15) Benzyl Alcohol	8.36	79	110273	22.560	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.64	45	399364	40.568	ng	97
17) 2-Methylphenol	8.56	107	125798	32.192	ng	98
18) Hexachloroethane	9.19	117	68711	35.532	ng	94
19) n-Nitroso-di-n-propylamine	8.93	70	172249	41.042	ng	96
20) 3+4-Methylphenols	8.89	107	155594	28.884	ng	96
22) Acetophenone	8.94	105	310947	44.066	ng	# 97
24) Nitrobenzene	9.32	77	261637	46.446	ng	98
25) Isophorone	9.87	82	472207	42.213	ng	# 96
26) 2-Nitrophenol	10.03	139	116345	52.524	ng	93
27) 2,4-Dimethylphenol	10.10	122	182064	46.465	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	257445	41.268	ng	98
29) 2,4-Dichlorophenol	10.57	162	213896	46.976	ng	97
30) 1,2,4-Trichlorobenzene	10.77	180	231089	41.569	ng	100
31) Naphthalene	10.96	128	600220	43.510	ng	98
32) Benzoic acid	10.23	122	46371	18.778	ng	96
33) 4-Chloroaniline	11.07	127	73319	11.371	ng	98
34) Hexachlorobutadiene	11.25	225	158388	40.665	ng	99
36) 4-Chloro-3-methylphenol	12.20	107	212641	43.011	ng	99
37) 2-Methylnaphthalene	12.56	142	473465	45.817	ng	98
38) 1-Methylnaphthalene	12.78	142	440542	45.454	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	313579	48.571	ng	99
41) Hexachlorocyclopentadiene	12.91	237	432923	117.052	ng	98

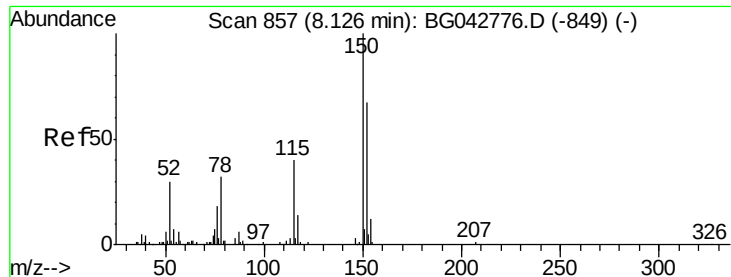
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042883.D
 Acq On : 18 Sep 2019 1:07
 Operator : HP/JU
 Sample : K4871-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 18 02:32:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.17	196	213935	49.773	nq	96
44) 2,4,5-Trichlorophenol	13.24	196	225489	51.217	nq	98
46) 1,1'-Biphenyl	13.56	154	639376	46.746	nq	98
47) 2-Chloronaphthalene	13.61	162	509525	45.033	nq	98
48) 2-Nitroaniline	13.81	65	178920	45.585	nq	97
49) Acenaphthylene	14.45	152	795336	45.999	nq	97
50) Dimethylphthalate	14.19	163	759243	51.875	nq	100
51) 2,6-Dinitrotoluene	14.30	165	152564	50.800	nq	99
52) Acenaphthene	14.79	154	494427	43.771	nq	99
53) 3-Nitroaniline	14.63	138	58743	17.428	nq	# 97
54) 2,4-Dinitrophenol	14.83	184	200081	135.333	nq	# 71
55) Dibenzofuran	15.12	168	797650	47.507	nq	96
56) 4-Nitrophenol	14.96	139	85663	32.870	nq	93
57) 2,4-Dinitrotoluene	15.09	165	211859	52.925	nq	99
58) Fluorene	15.77	166	657424	47.246	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	227646	53.340	nq	98
60) Diethylphthalate	15.55	149	651965	43.883	nq	98
61) 4-Chlorophenyl-phenylether	15.76	204	390297	47.439	nq	98
62) 4-Nitroaniline	15.80	138	107916	29.703	nq	84
63) Azobenzene	16.06	77	623779	43.601	nq	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	142586	78.675	nq	89
66) n-Nitrosodiphenylamine	15.98	169	584732	51.303	nq	97
67) 4-Bromophenyl-phenylether	16.65	248	257899	50.306	nq	100
68) Hexachlorobenzene	16.77	284	268183	48.956	nq	99
69) Atrazine	16.95	200	179185	45.146	nq	97
70) Pentachlorophenol	17.12	266	373331	114.882	nq	94
71) Phenanthrene	17.51	178	985562	48.655	nq	98
72) Anthracene	17.60	178	998924	49.361	nq	99
73) Carbazole	17.88	167	900977	46.842	nq	97
74) Di-n-butylphthalate	18.43	149	995366	43.200	nq	99
75) Fluoranthene	19.52	202	1184837	45.132	nq	99
78) Pyrene	19.88	202	1191398	49.141	nq	99
80) Butylbenzylphthalate	20.77	149	424964	43.311	nq	94
81) Benzo(a)anthracene	21.73	228	1120745	45.518	nq	97
83) Chrysene	21.80	228	1089061	46.696	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	569903	42.509	nq	# 99
85) Di-n-octyl phthalate	22.88	149	939393	41.102	nq	98
86) Indeno(1,2,3-cd)pyrene	28.76	276	1276530	44.198	nq	# 90
88) Benzo(b)fluoranthene	23.99	252	1107990	46.608	nq	# 97
89) Benzo(k)fluoranthene	24.06	252	1089674	48.524	nq	# 98
90) Benzo(a)pyrene	24.87	252	1058508	47.552	nq	# 98
91) Dibenzo(a,h)anthracene	28.83	278	1086002	49.604	nq	# 97
92) Benzo(g,h,i)perylene	29.93	276	1060167	49.645	nq	# 92

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

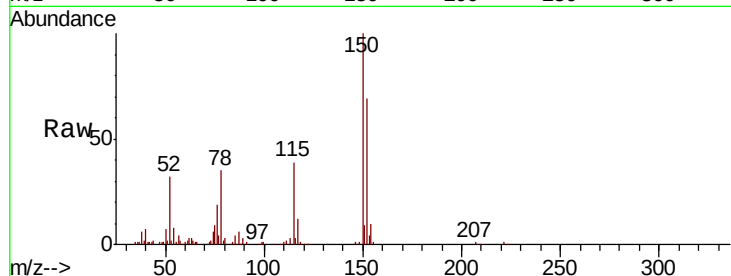


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.2	118.9	178.3
115	55.9	47.4	71.2

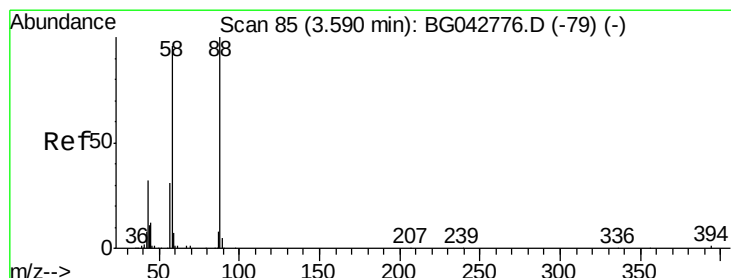
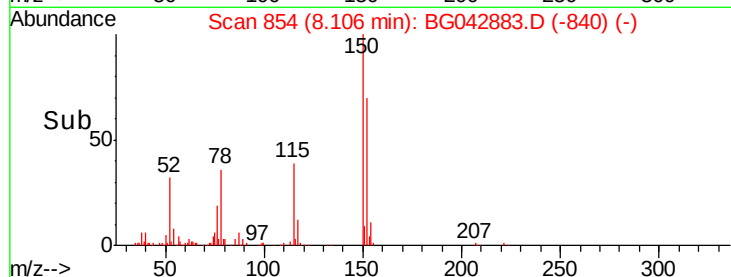
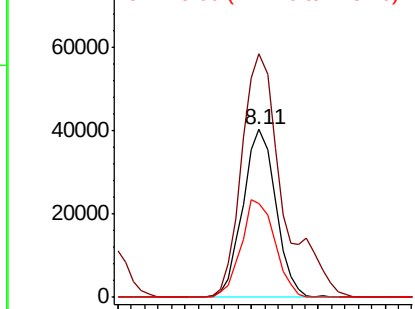


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

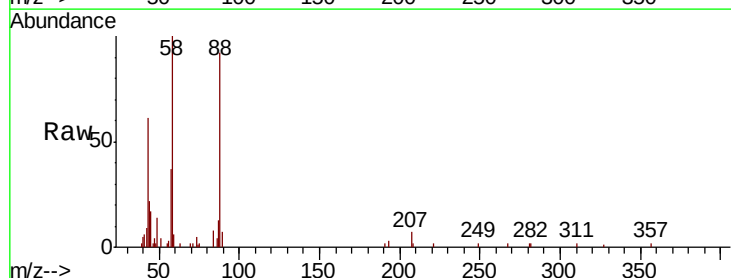
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 9.294 ng
RT: 3.60 min Scan# 87
Delta R.T. 0.01 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.2	79.1	118.7
43	56.7	30.4	45.6

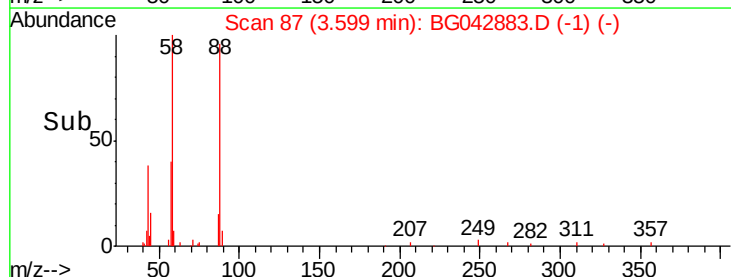
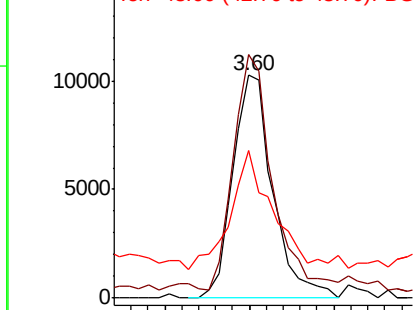


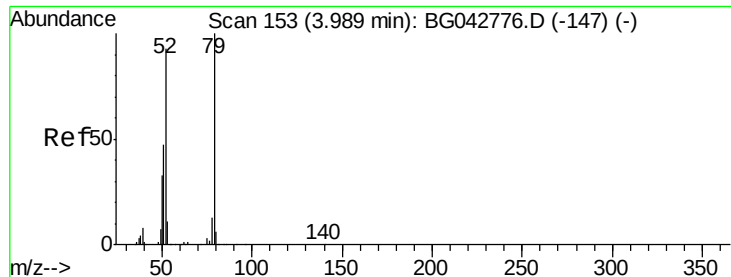
Abundance

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: 3.455 ng

RT: 4.04 min Scan# 162

Delta R.T. 0.05 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampleId :

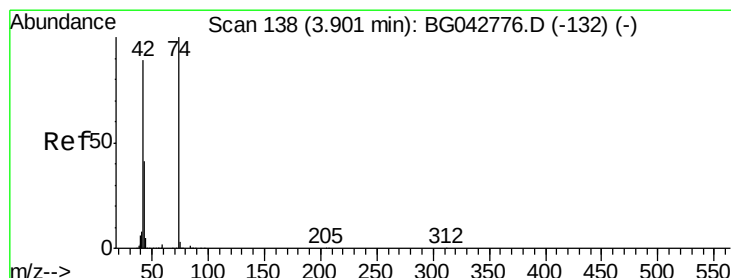
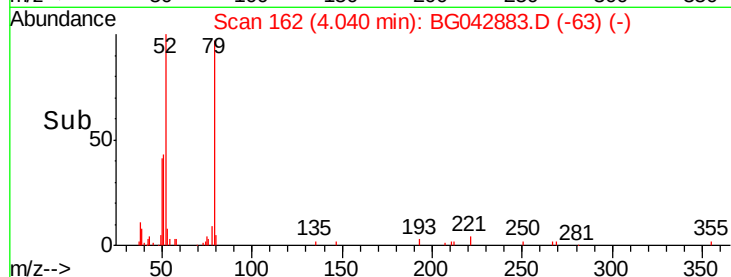
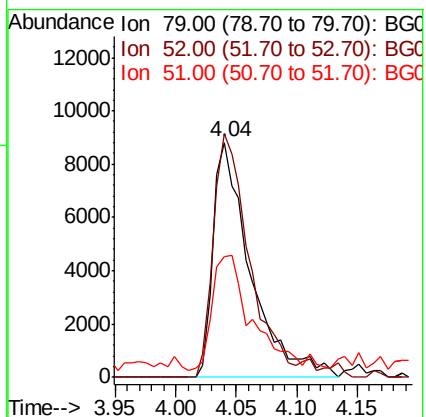
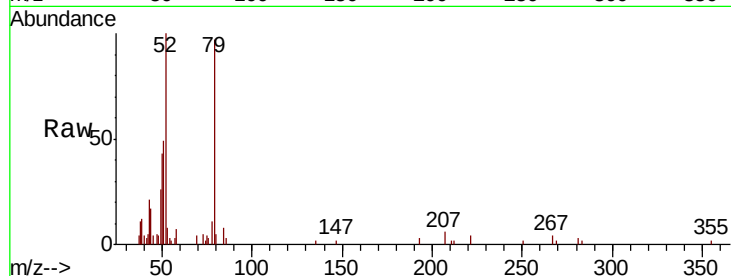
Tot Ion: 79 Resp: 18841

Ion Ratio Lower Upper

79 100

52 103.5 74.0 111.0

51 51.2 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 12.943 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.02 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

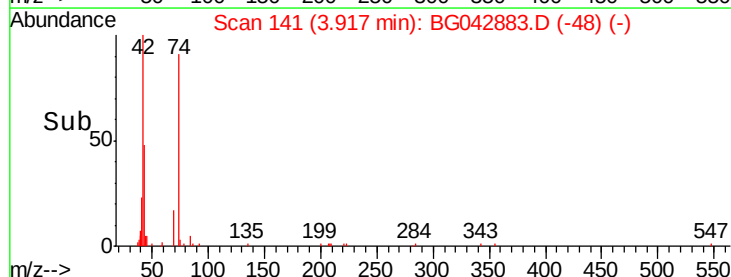
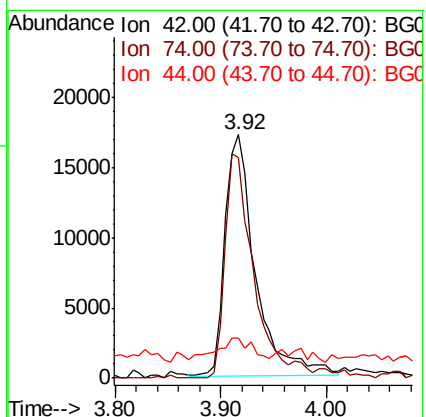
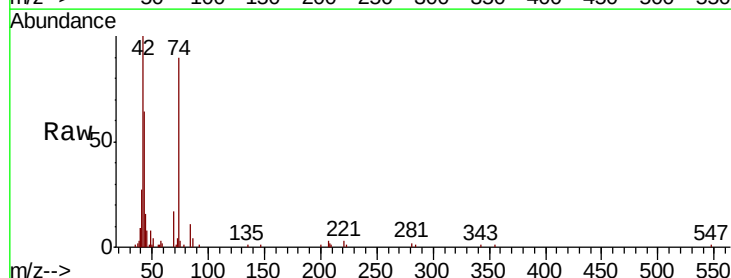
Tgt Ion: 42 Resp: 34340

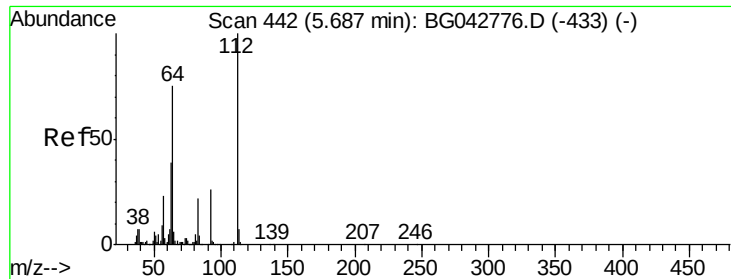
Ion Ratio Lower Upper

42 100

74 90.4 90.2 135.2

44 16.5 6.6 9.8#





#5

2-Fluorophenol

Concen: 64.971 ng

RT: 5.70 min Scan# 445

Delta R.T. 0.02 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampleId :

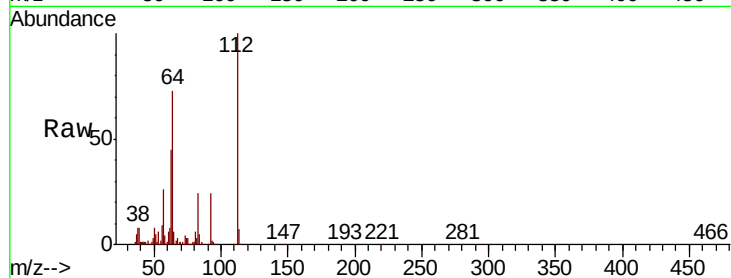
Tot Ion:112 Resp: 257817

Ion Ratio Lower Upper

112 100

64 73.0 60.2 90.2

63 44.8 31.2 46.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

200000

150000

100000

50000

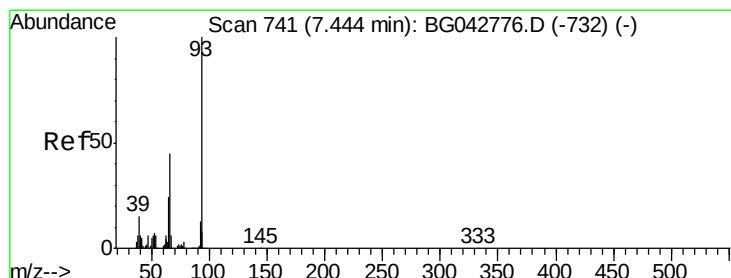
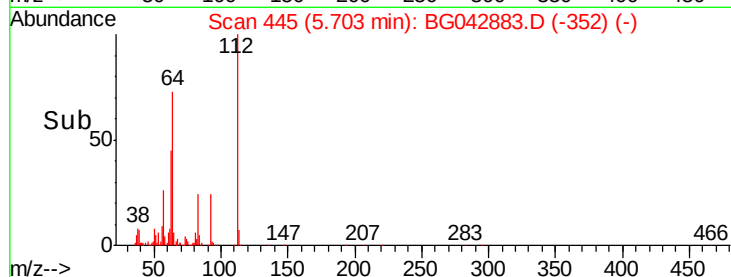
0

5.60

5.70

5.80

Time-->



#6

Aniline

Concen: 5.258 ng

RT: 7.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

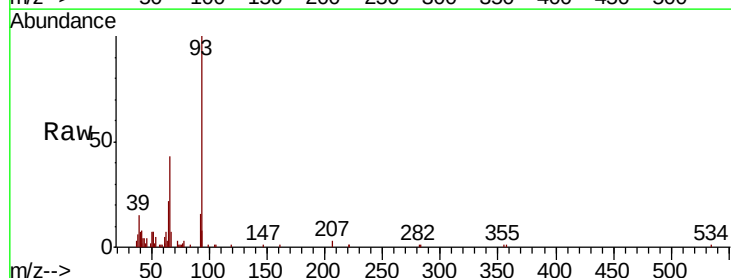
Tgt Ion: 93 Resp: 40407

Ion Ratio Lower Upper

93 100

66 42.6 36.3 54.5

65 21.9 19.3 28.9



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

120000

100000

80000

60000

40000

20000

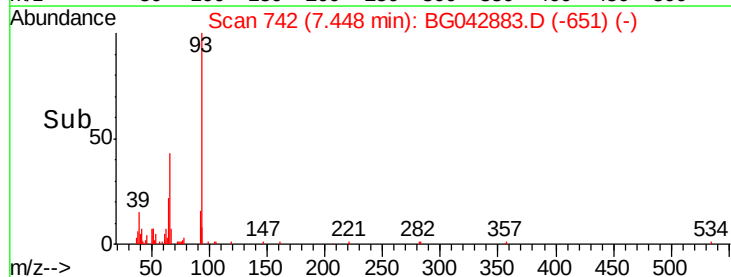
0

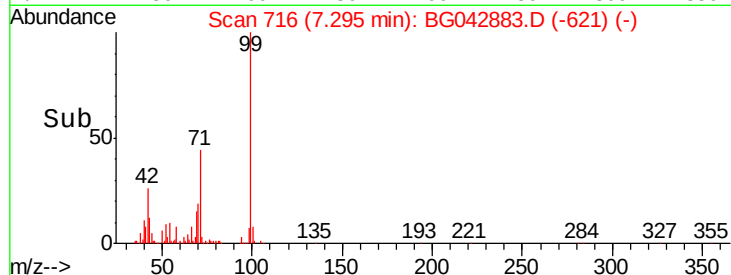
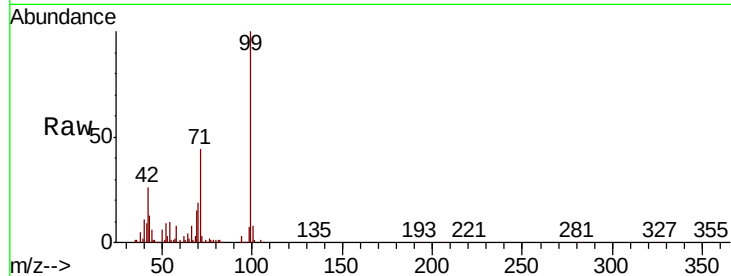
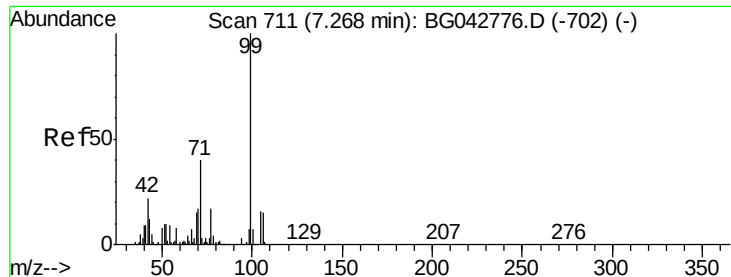
7.40

7.45

7.50

Time-->





#7

Phenol-d6

Concen: 43.597 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.03 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampled :

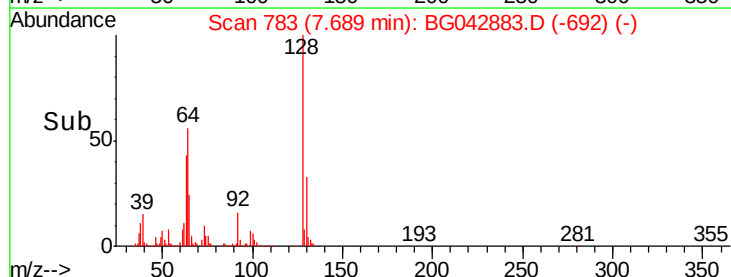
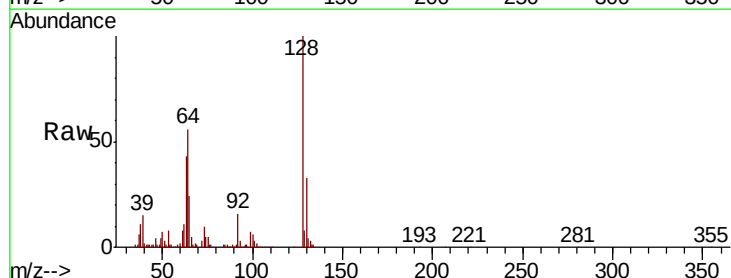
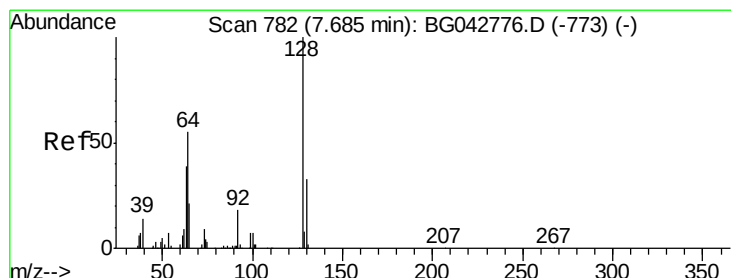
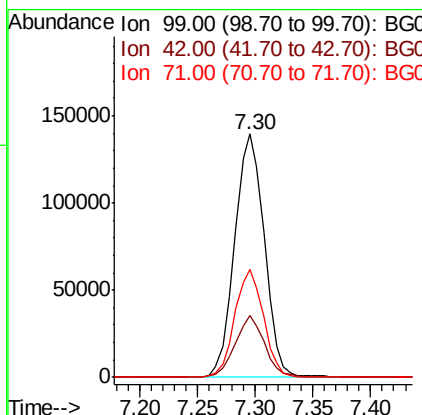
Tot Ion: 99 Resp: 248315

Ion Ratio Lower Upper

99 100

42 25.5 17.5 26.3

71 44.5 32.0 48.0



#8

2-Chlorophenol

Concen: 38.824 ng

RT: 7.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

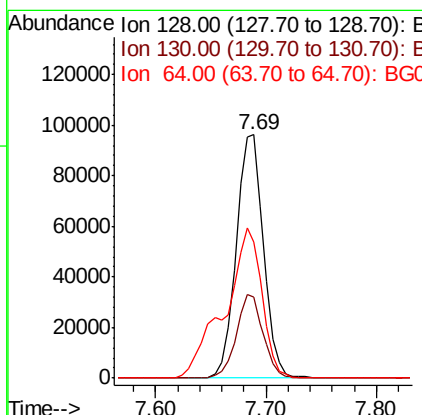
Tgt Ion: 128 Resp: 166530

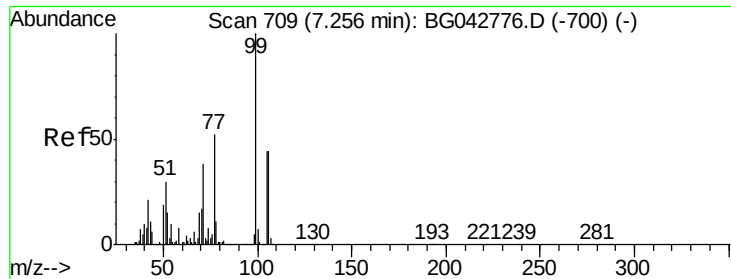
Ion Ratio Lower Upper

128 100

130 33.4 12.8 52.8

64 55.7 36.8 76.8





#9

Benzaldehyde

Concen: 26.611 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampleId :

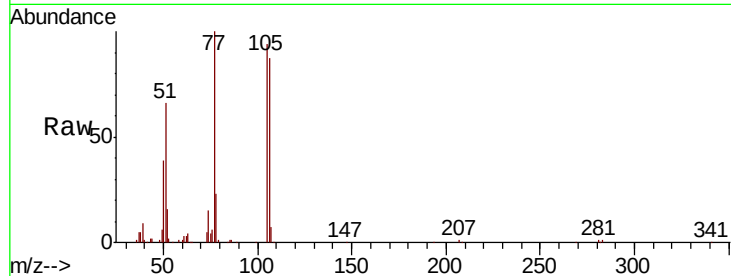
Tot Ion: 77 Resp: 98634

Ion Ratio Lower Upper

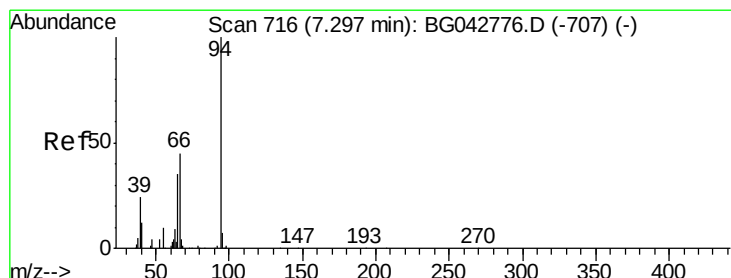
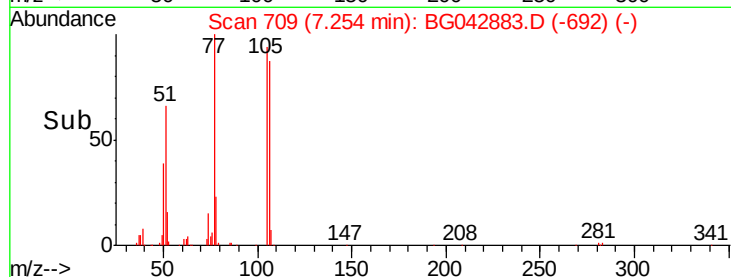
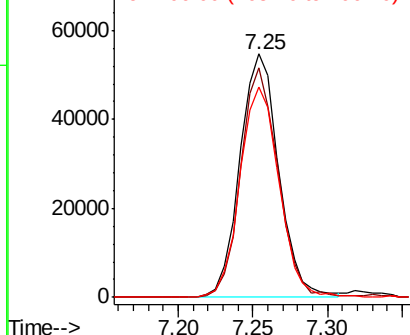
77 100

105 94.3 64.5 104.5

106 86.5 63.4 103.4



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: 20.192 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.02 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

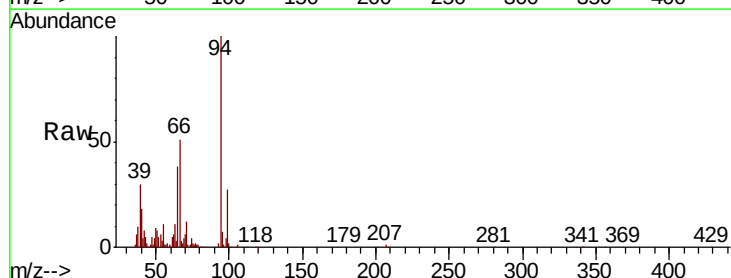
Tgt Ion: 94 Resp: 117944

Ion Ratio Lower Upper

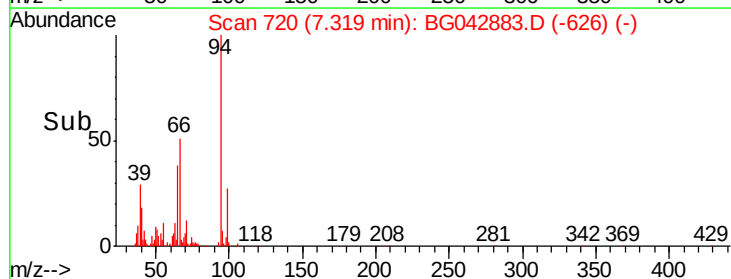
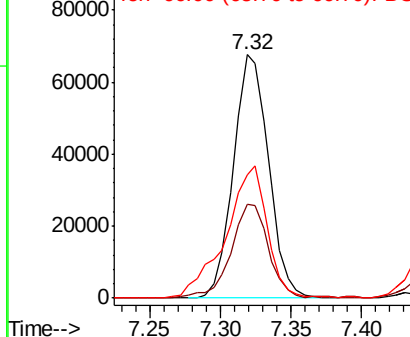
94 100

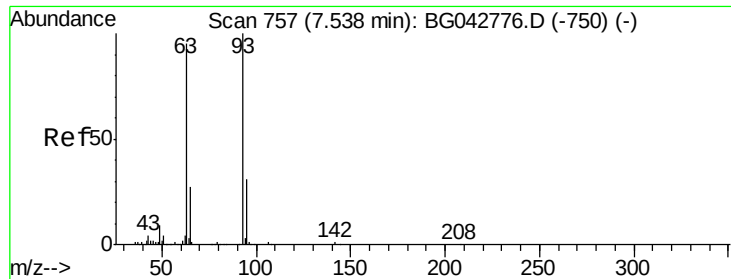
65 38.5 15.0 55.0

66 50.7 26.1 66.1



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





#11

bis(2-Chloroethyl)ether

Concen: 39.219 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampleId :

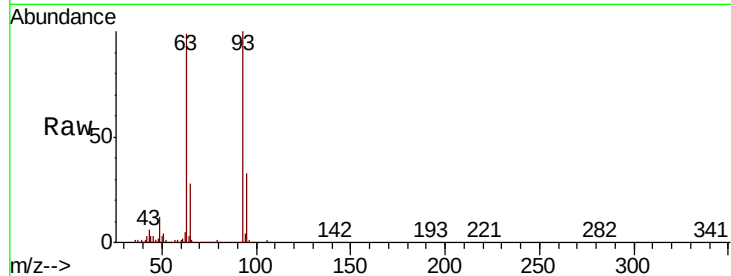
Tot Ion: 93 Resp: 175813

Ion Ratio Lower Upper

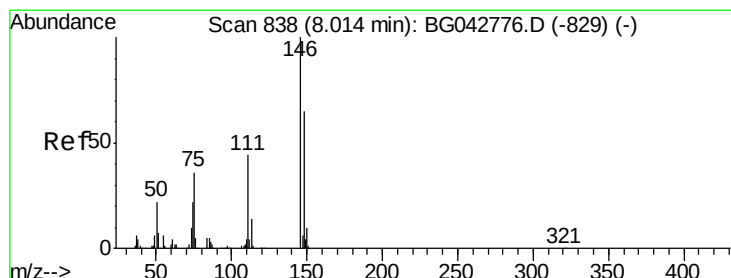
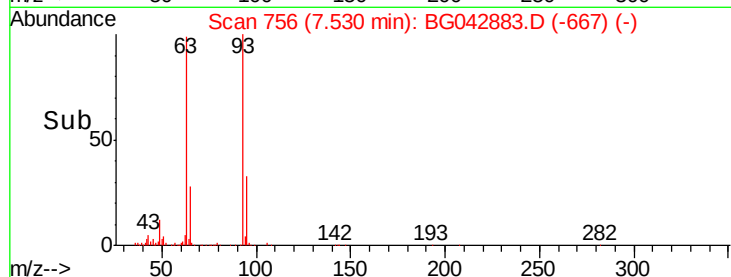
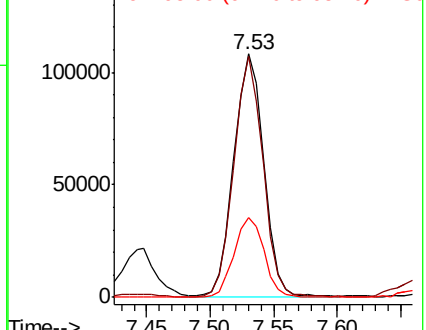
93 100

63 99.2 74.7 114.7

95 32.8 11.1 51.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 35.599 ng

RT: 7.99 min Scan# 835

Delta R.T. -0.02 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

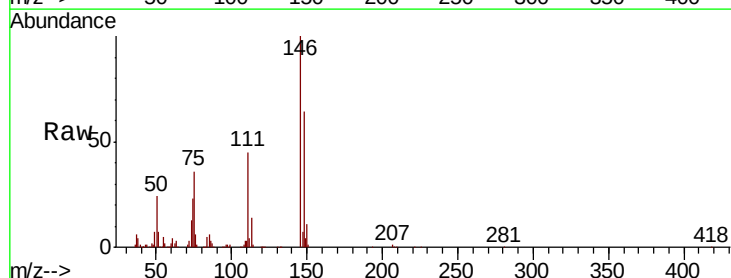
Tgt Ion: 146 Resp: 186243

Ion Ratio Lower Upper

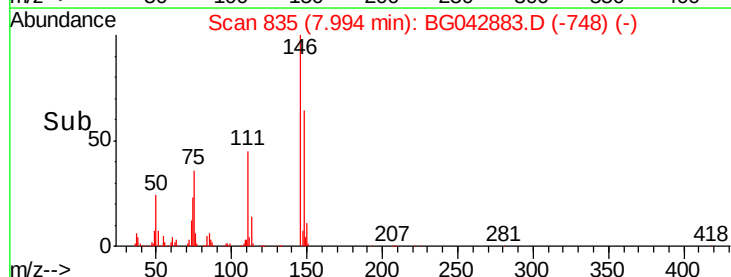
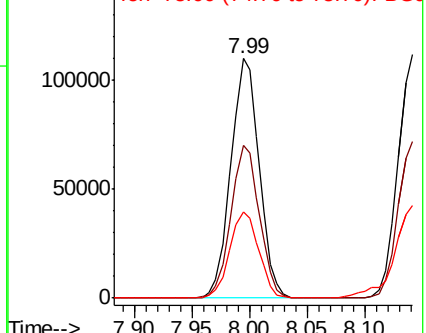
146 100

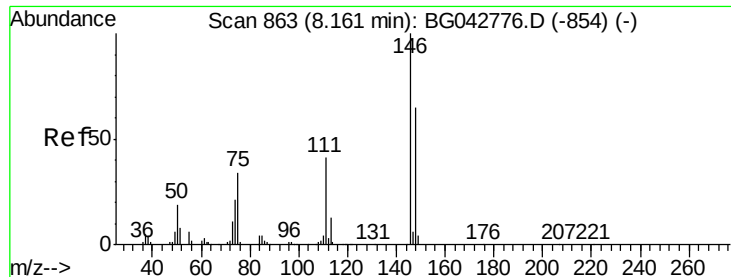
148 63.8 51.9 77.9

75 35.9 28.4 42.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

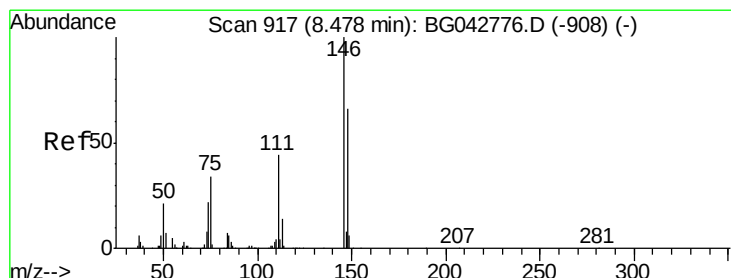
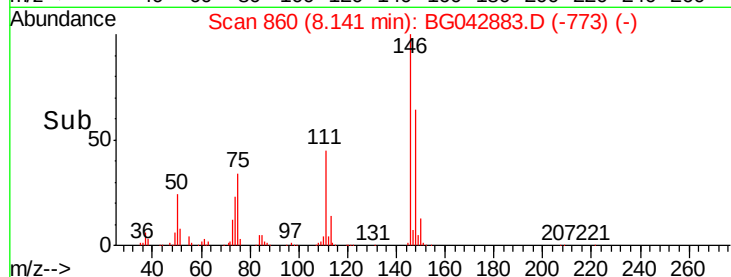
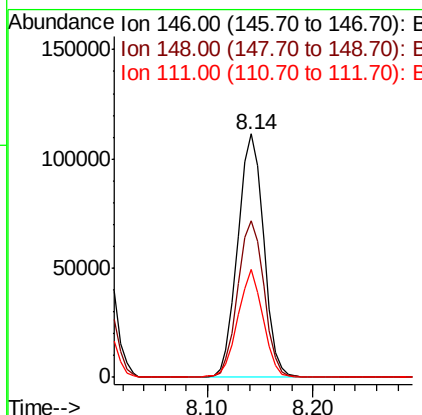
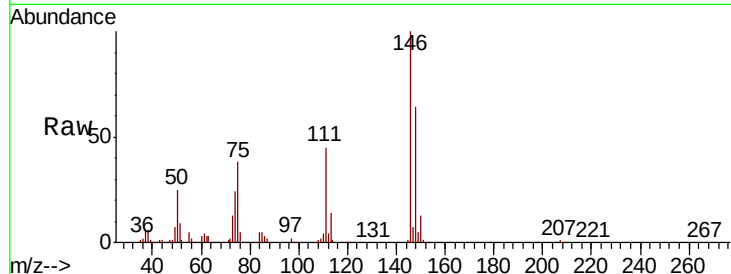




#13
 1,4-Dichlorobenzene
 Concen: 36.131 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: BG042883.D
 Acq: 18 Sep 2019 1:07

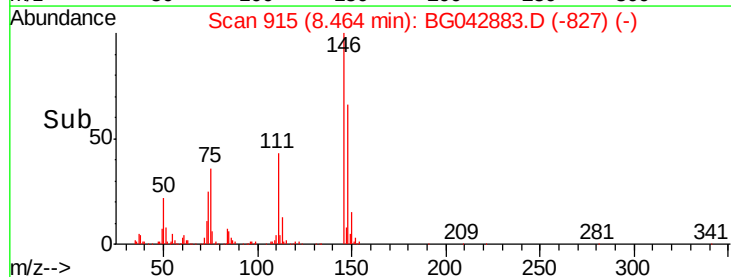
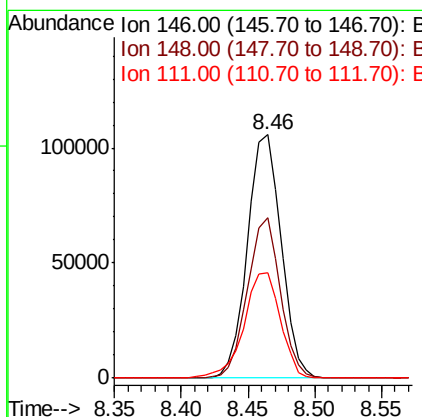
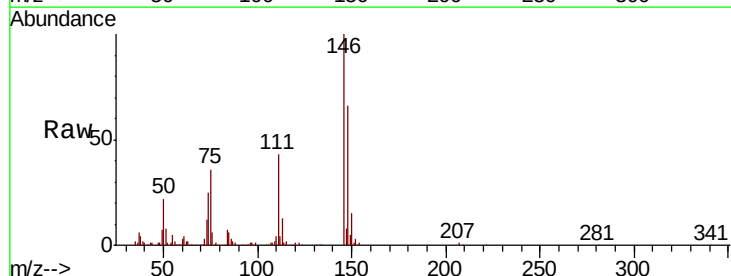
Instrument :
 BNA_G
 ClientSampled :

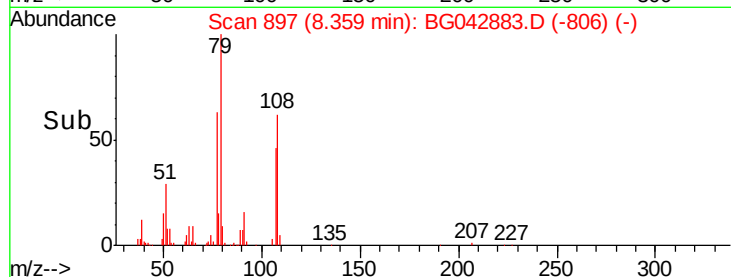
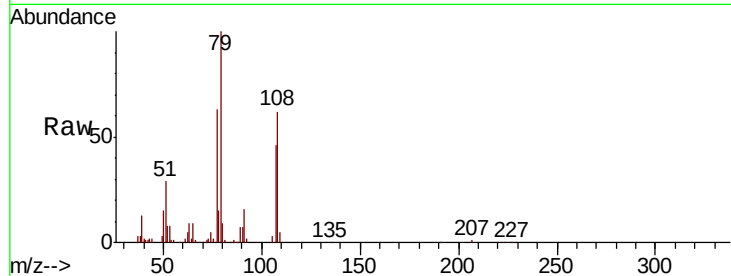
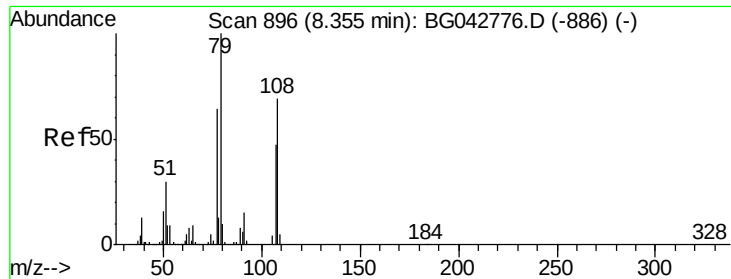
Tot Ion:146 Resp: 189251
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.2 78.4
 111 44.6 32.6 49.0



#14
 1,2-Dichlorobenzene
 Concen: 37.036 ng
 RT: 8.46 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BG042883.D
 Acq: 18 Sep 2019 1:07

Tgt Ion:146 Resp: 184661
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.6 78.8
 111 43.2 35.3 52.9





#15

Benzyl Alcohol

Concen: 22.560 ng

RT: 8.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampleId :

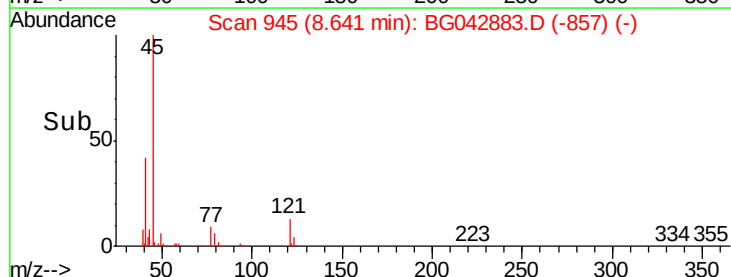
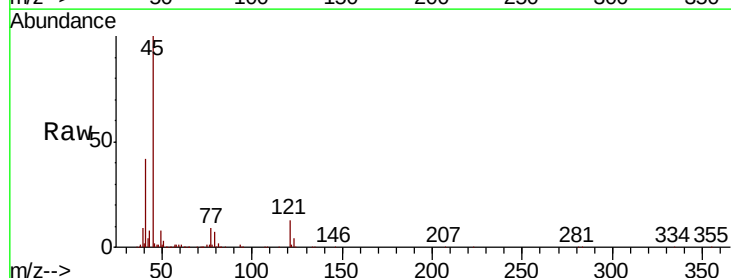
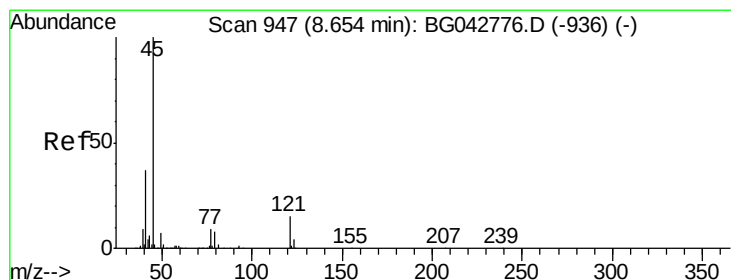
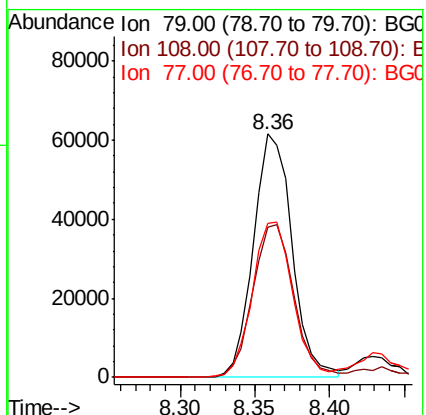
Tot Ion: 79 Resp: 110273

Ion Ratio Lower Upper

79 100

108 61.9 54.9 82.3

77 63.1 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.568 ng

RT: 8.64 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

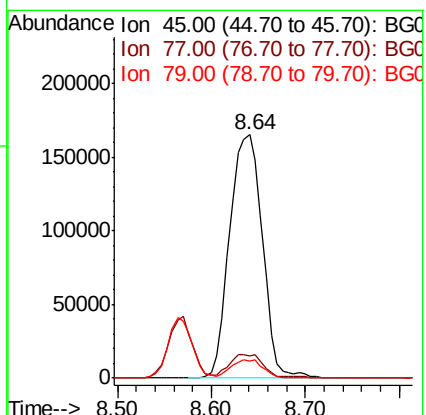
Tgt Ion: 45 Resp: 399364

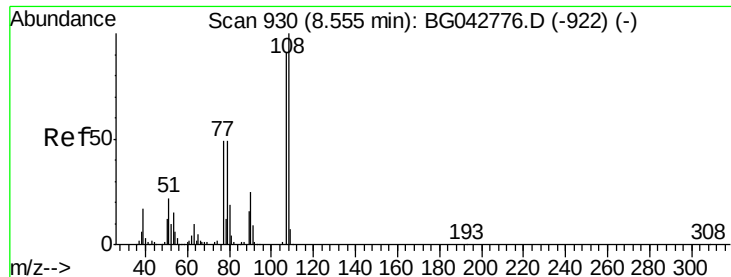
Ion Ratio Lower Upper

45 100

77 9.1 0.0 29.4

79 6.8 0.0 28.4

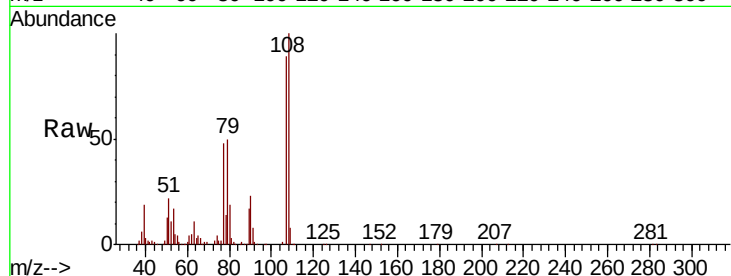




#17
2-Methylphenol
Concen: 32.192 ng
RT: 8.56 min Scan# 932
Delta R.T. 0.01 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	125798
Ion	Ratio	Lower	Upper
107	100		
108	112.6	87.7	131.5
77	53.7	42.6	64.0
79	56.3	43.4	65.2



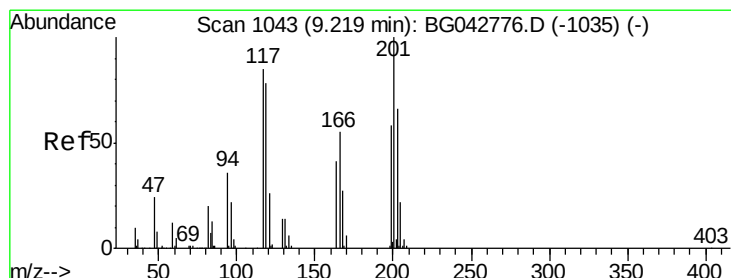
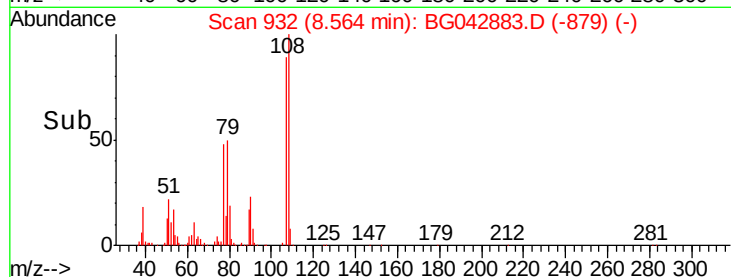
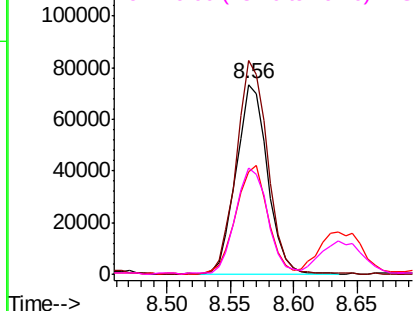
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

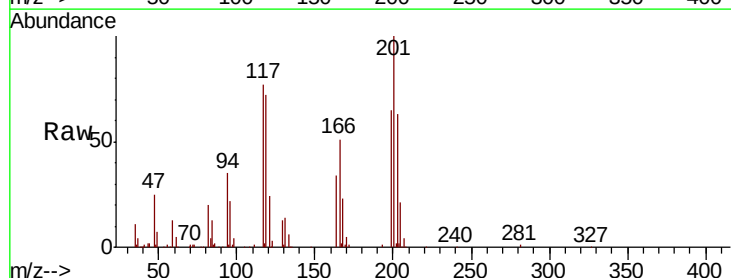
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 35.532 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.03 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

Tgt Ion:	117	Resp:	68711
Ion	Ratio	Lower	Upper
117	100		
119	93.7	73.8	110.8
201	129.4	94.6	142.0

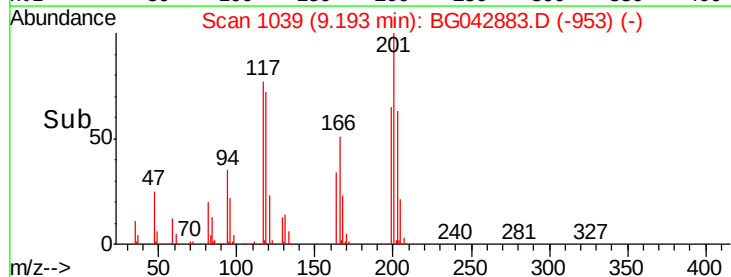
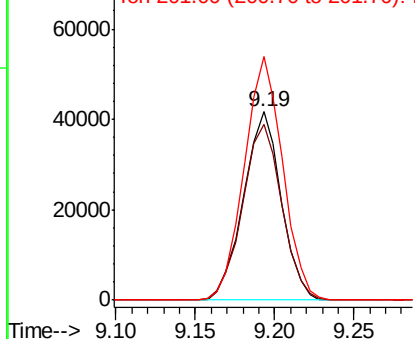


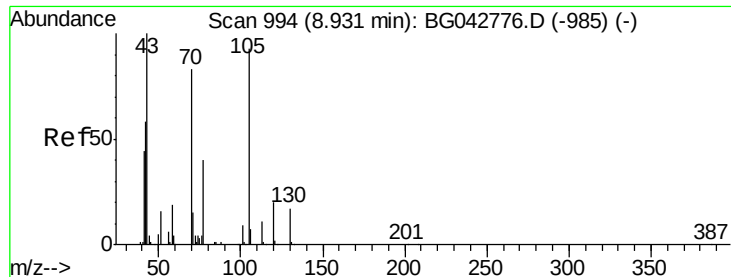
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

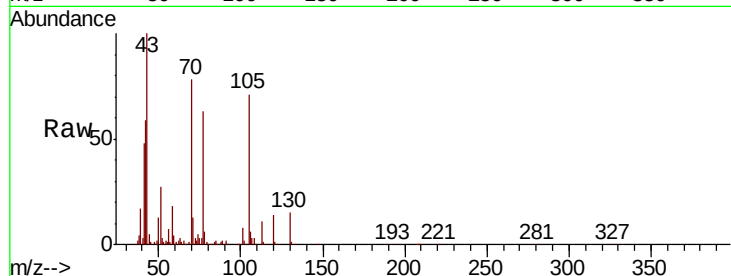




#19
n-Nitroso-di-n-propylamine
Concen: 41.042 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	172249
Ion	Ratio	Lower	Upper
70	100		
42	75.5	57.0	85.6
101	10.0	8.4	12.6
130	19.6	16.1	24.1



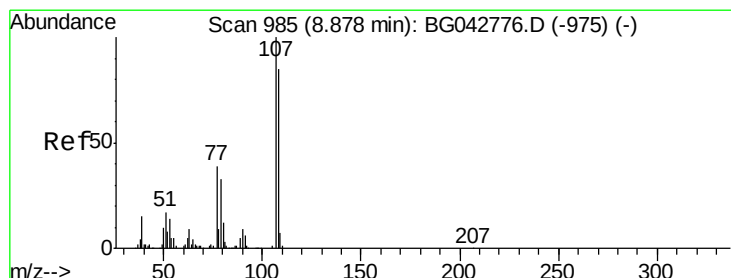
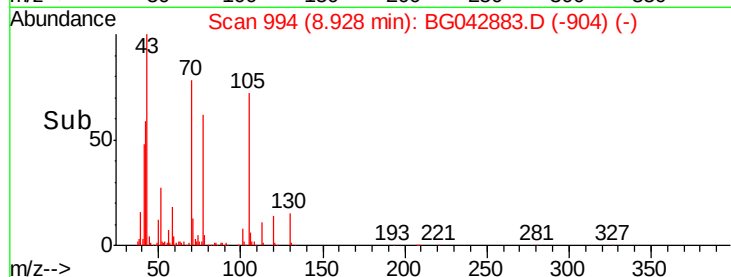
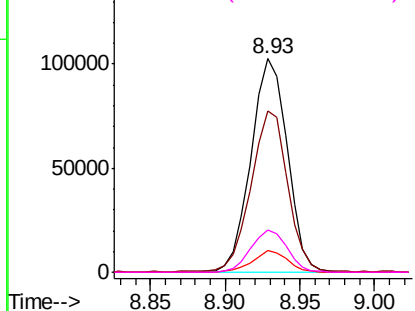
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

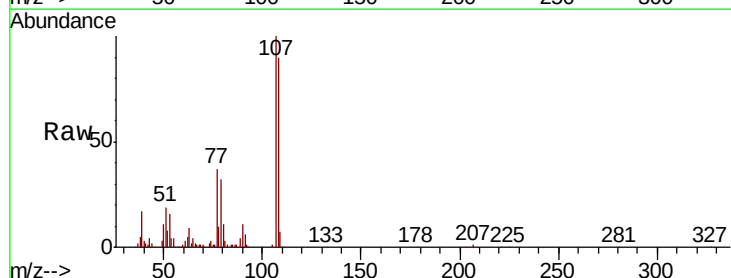
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 28.884 ng
RT: 8.89 min Scan# 988
Delta R.T. 0.02 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

Tgt Ion:	107	Resp:	155594
Ion	Ratio	Lower	Upper
107	100		
108	89.7	65.4	105.4
77	36.9	18.7	58.7
79	32.0	13.7	53.7



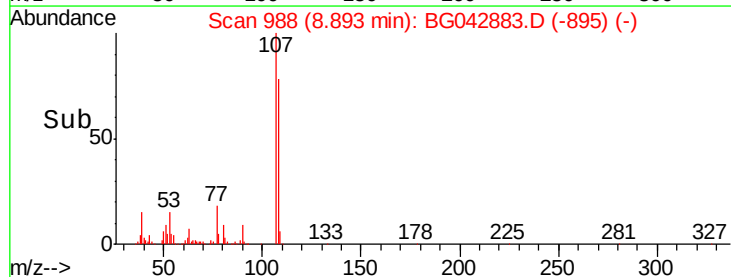
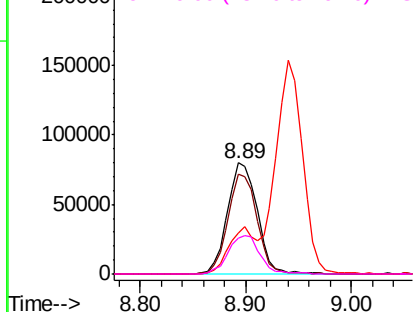
Abundance

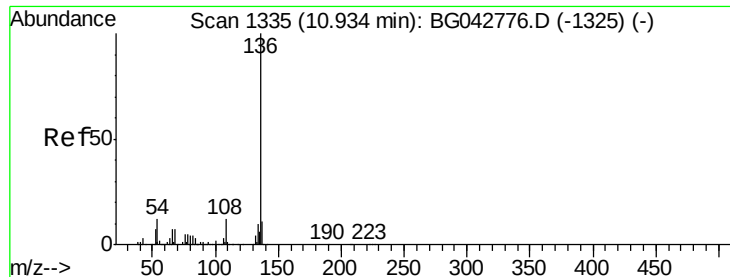
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

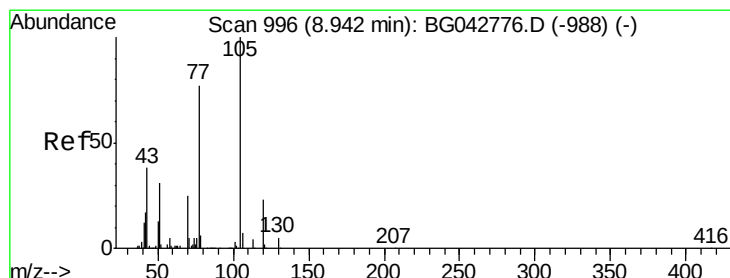
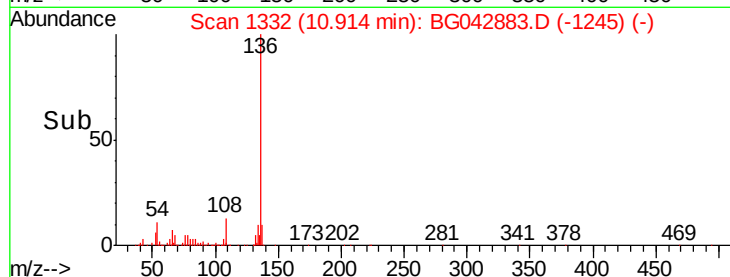
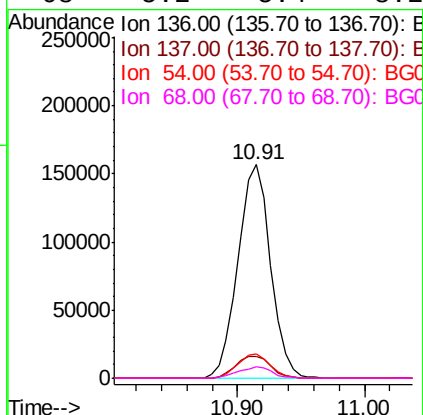
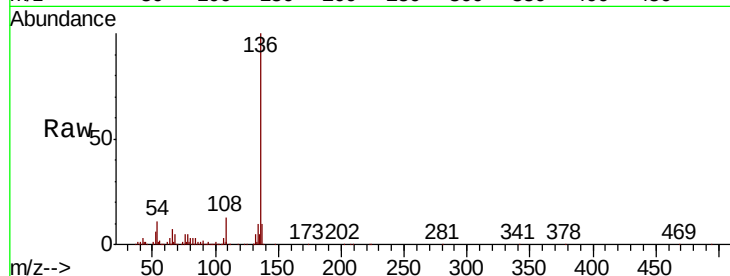




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

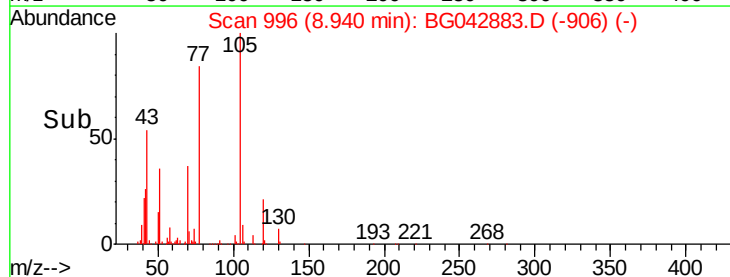
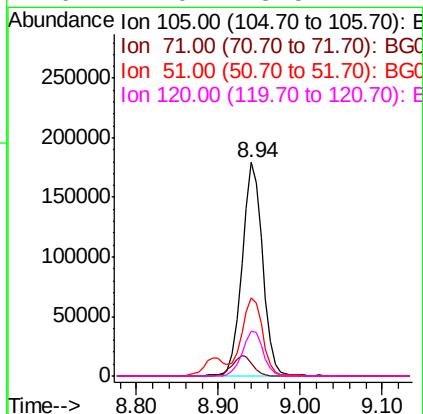
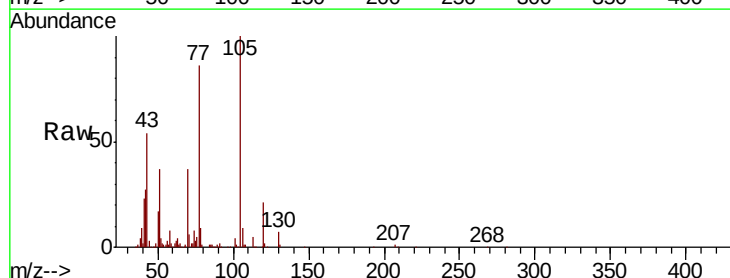
Instrument :
BNA_G
ClientSampled :

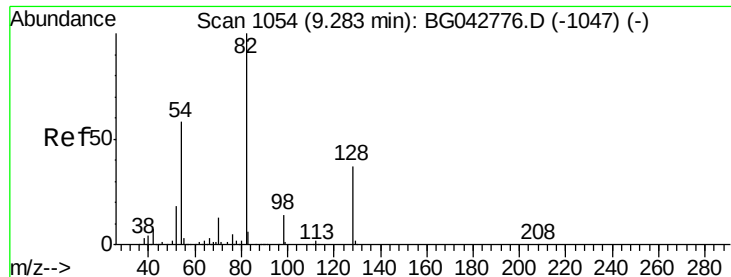
Tot Ion:136	Resp:	279402
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.0 13.6
54	11.1	9.4 14.0
68	5.2	5.4 8.2#



#22
Acetophenone
Concen: 44.066 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

Tgt Ion:105	Resp:	310947
Ion Ratio	Lower	Upper
105	100	
71	6.3	3.7 5.5#
51	36.6	28.8 43.2
120	21.0	18.5 27.7

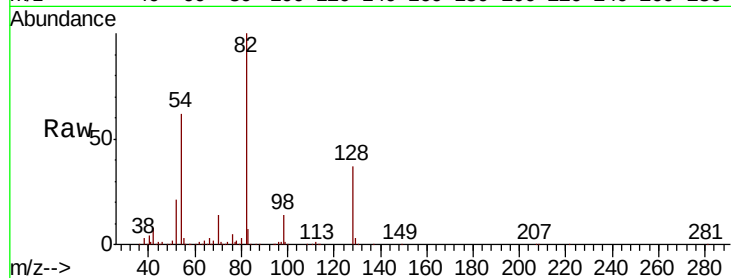




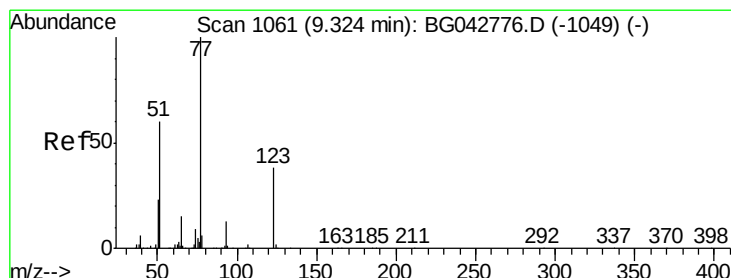
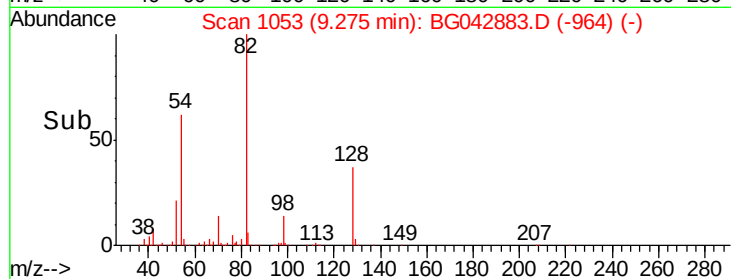
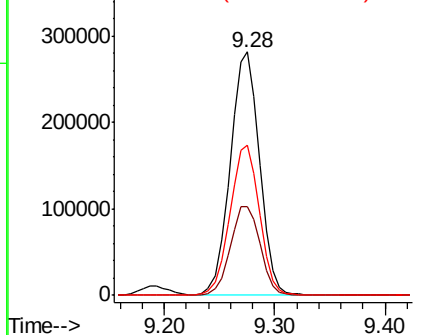
#23
 Nitrobenzene-d5
 Concen: 97.307 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042883.D
 Acq: 18 Sep 2019 1:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	522217
Ion Ratio	Lower	Upper	
82	100		
128	36.6	29.8	44.8
54	61.7	46.1	69.1

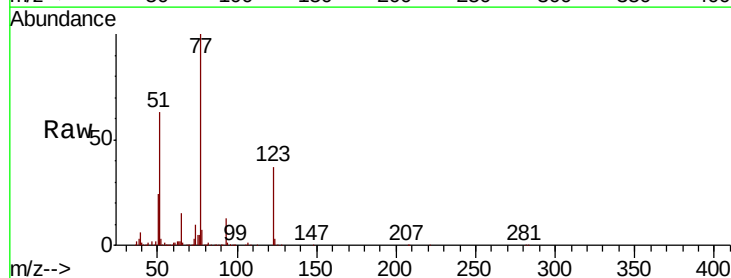


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

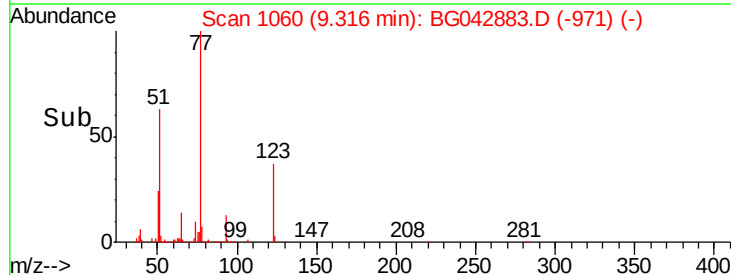
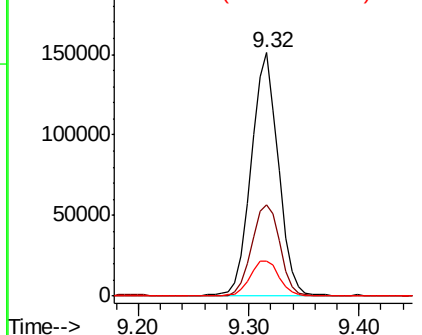


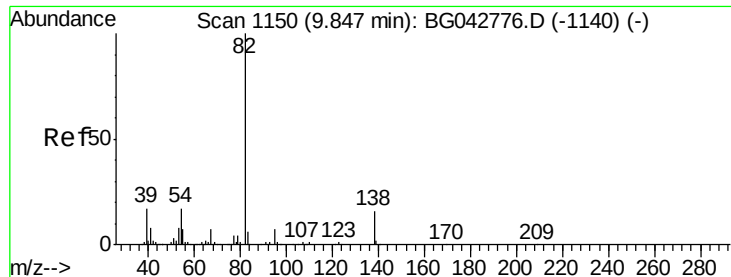
#24
 Nitrobenzene
 Concen: 46.446 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG042883.D
 Acq: 18 Sep 2019 1:07

Tgt Ion	77	Resp	261637
Ion Ratio	Lower	Upper	
77	100		
123	37.3	30.7	46.1
65	14.6	12.2	18.4



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





#25

Isophorone

Concen: 42.213 ng

RT: 9.87 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampleId :

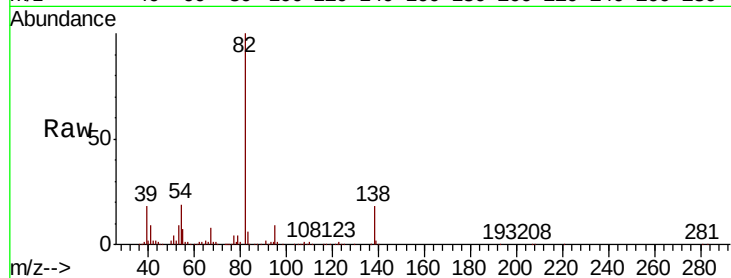
Tot Ion: 82 Resp: 472207

Ion Ratio Lower Upper

82 100

95 8.9 5.8 8.8#

138 17.5 12.9 19.3

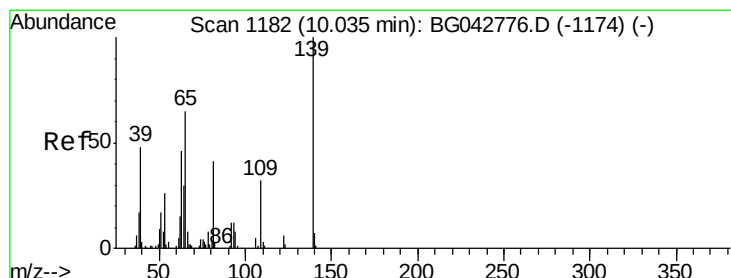
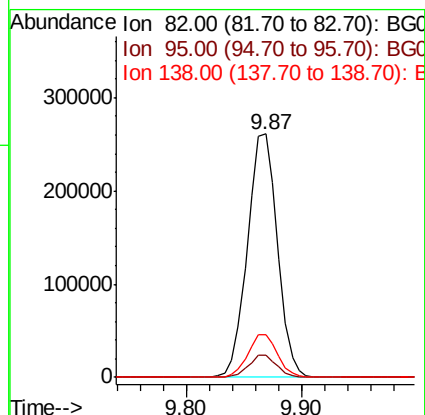
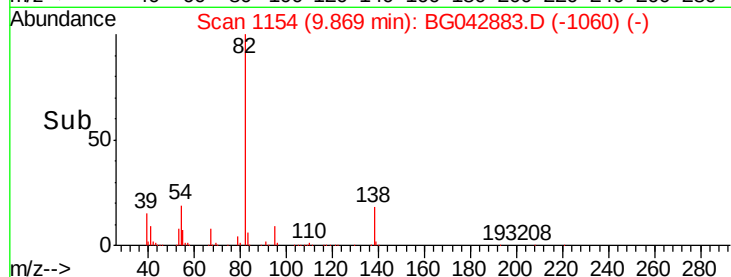


Abundance Ion 82.00 (81.70 to 82.70): BG042776.D (-1140) (-)

Ion 95.00 (94.70 to 95.70): BG042776.D (-1140) (-)

Ion 138.00 (137.70 to 138.70): BG042776.D (-1140) (-)

Time-->



#26

2-Nitrophenol

Concen: 52.524 ng

RT: 10.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

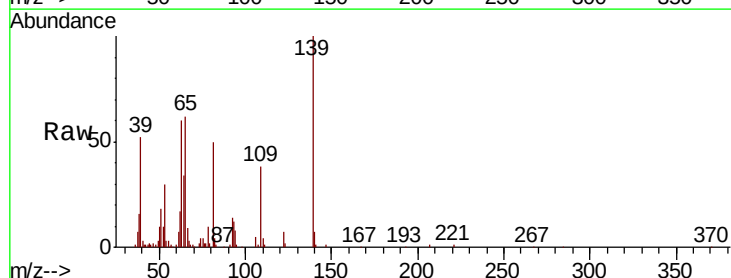
Tgt Ion: 139 Resp: 116345

Ion Ratio Lower Upper

139 100

109 38.3 25.8 38.8

65 61.5 52.2 78.2

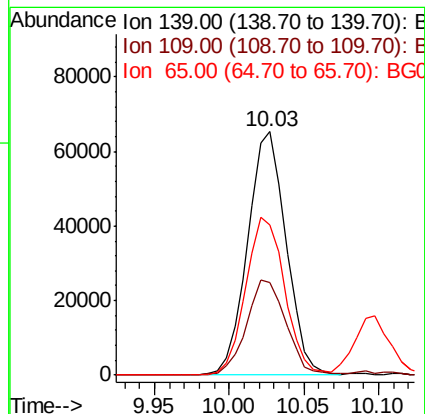
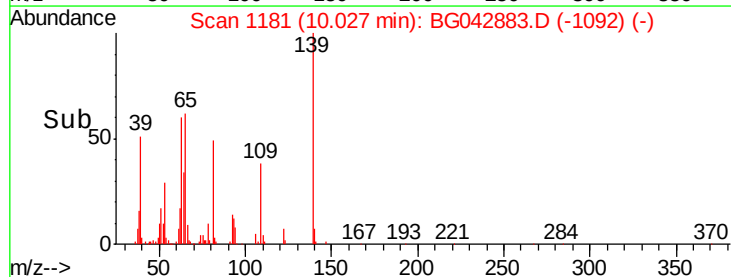


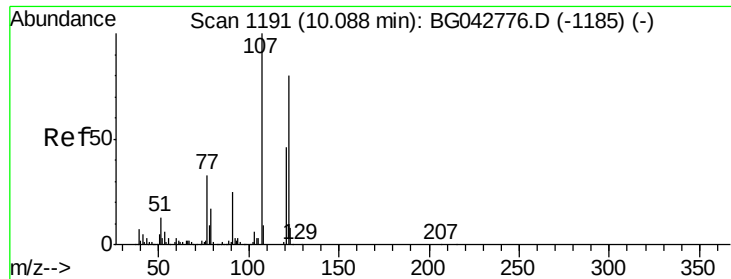
Abundance Ion 139.00 (138.70 to 139.70): BG042776.D (-1174) (-)

Ion 109.00 (108.70 to 109.70): BG042776.D (-1174) (-)

Ion 65.00 (64.70 to 65.70): BG042776.D (-1174) (-)

Time-->

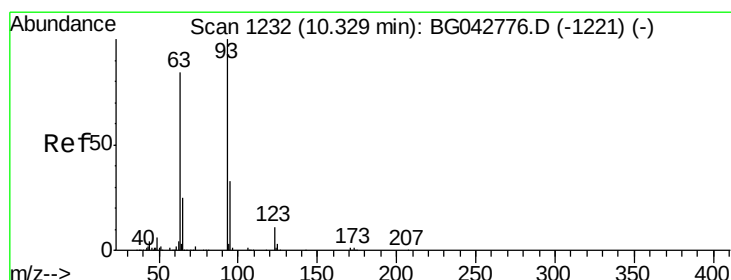
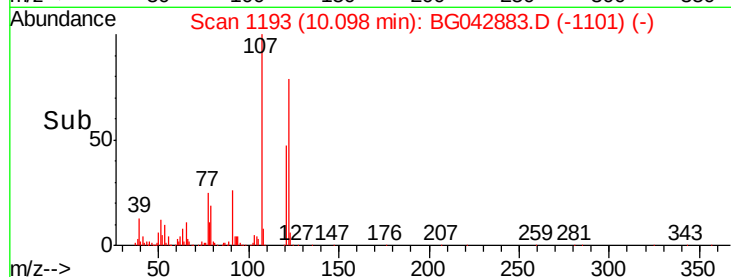
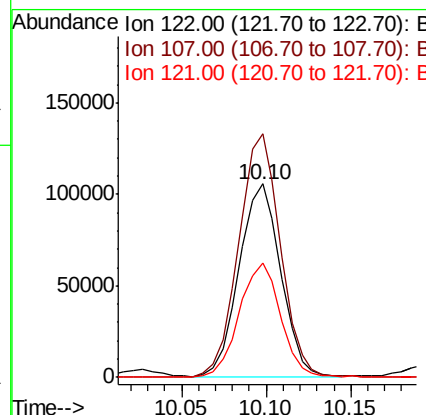
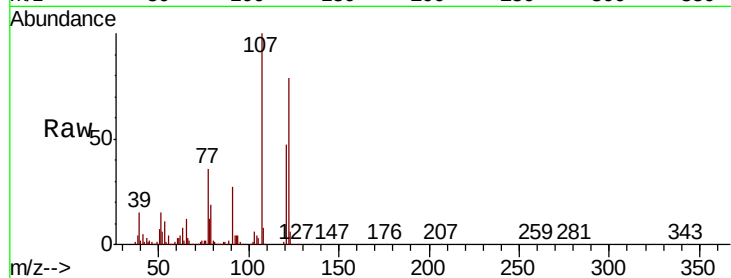




#27
2,4-Dimethylphenol
Concen: 46.465 ng
RT: 10.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

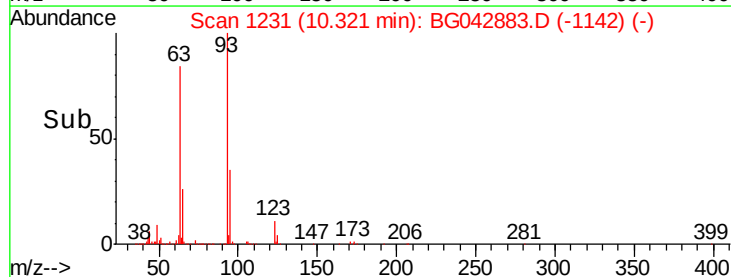
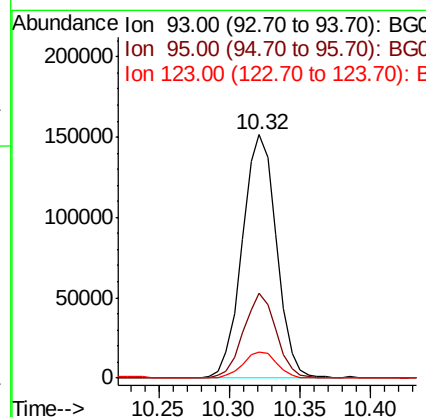
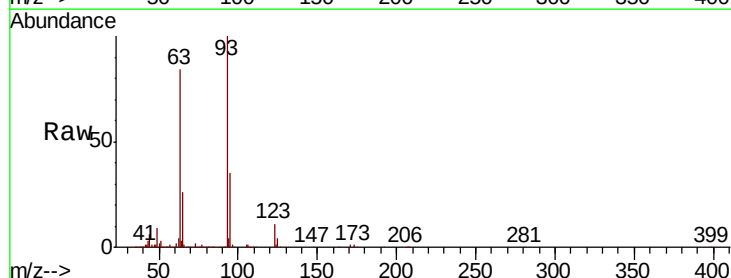
Instrument :
BNA_G
ClientSampleId :

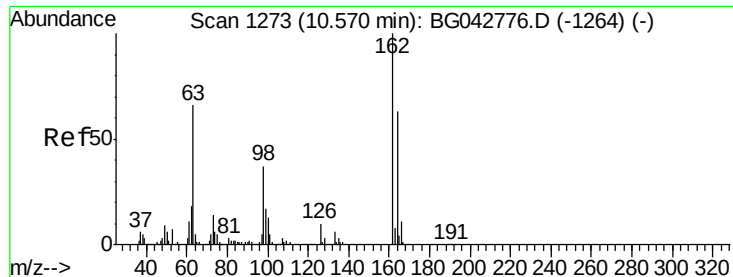
Tot Ion:122 Resp: 182064
Ion Ratio Lower Upper
122 100
107 125.9 98.9 148.3
121 59.4 46.2 69.2



#28
bis(2-Chloroethoxy)methane
Concen: 41.268 ng
RT: 10.32 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

Tgt Ion: 93 Resp: 257445
Ion Ratio Lower Upper
93 100
95 34.6 26.6 40.0
123 10.9 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 46.976 ng

RT: 10.57 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampleId :

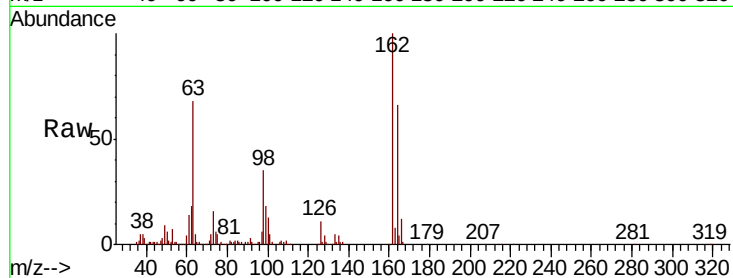
Tot Ion:162 Resp: 213896

Ion Ratio Lower Upper

162 100

164 65.6 43.4 83.4

98 35.1 17.0 57.0

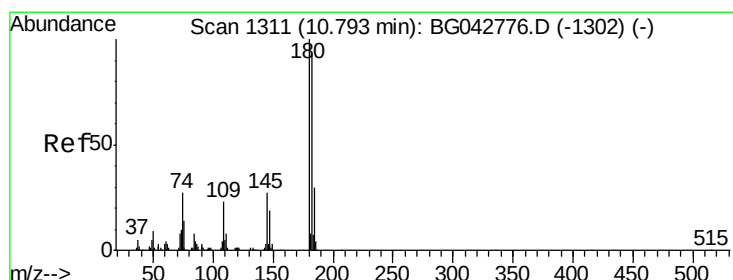
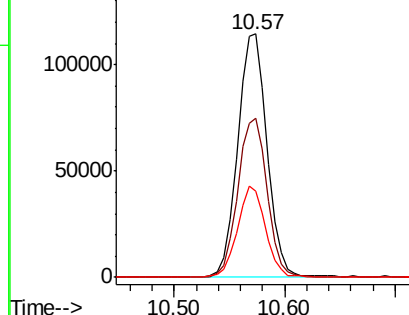
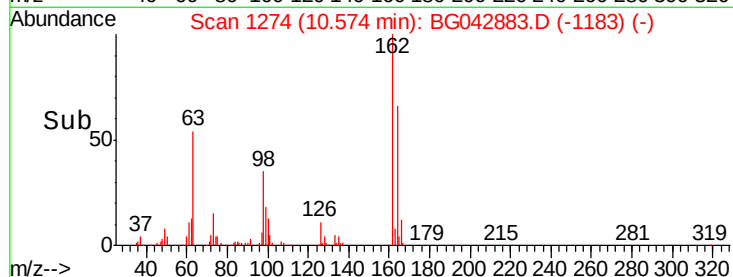


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 41.569 ng

RT: 10.77 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

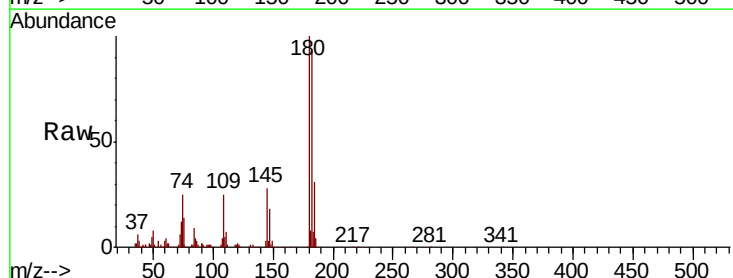
Tgt Ion:180 Resp: 231089

Ion Ratio Lower Upper

180 100

182 93.2 74.6 112.0

145 27.7 21.8 32.6

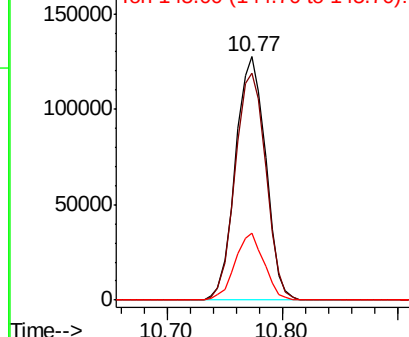
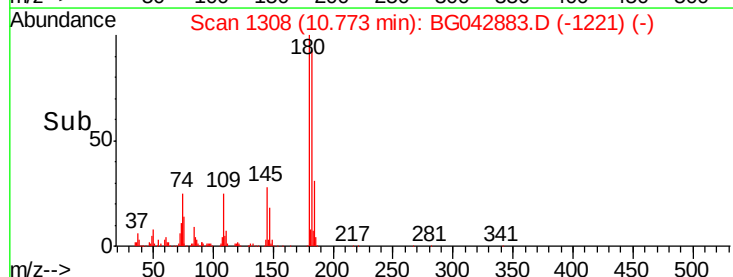


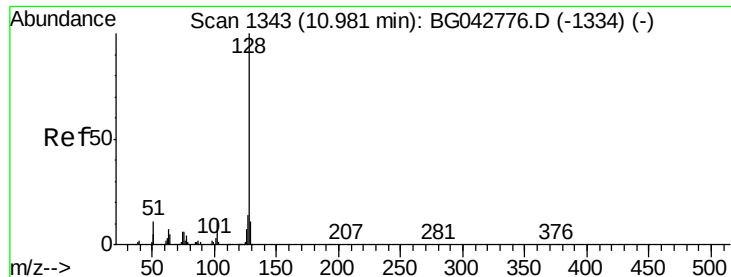
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

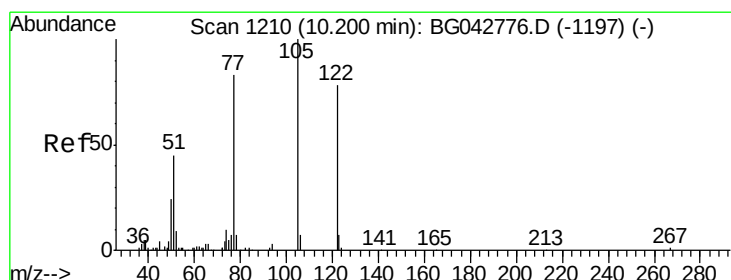
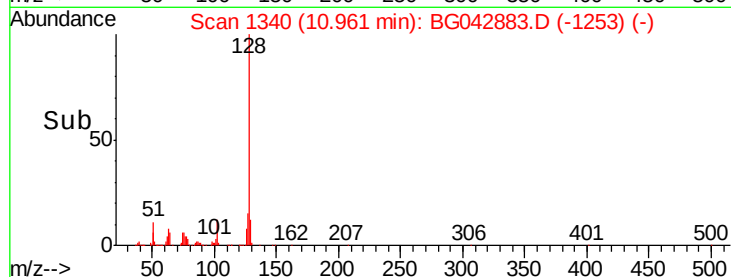
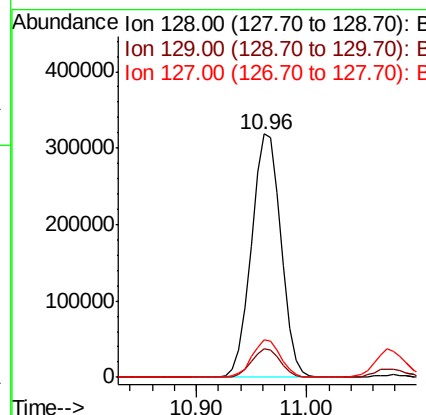
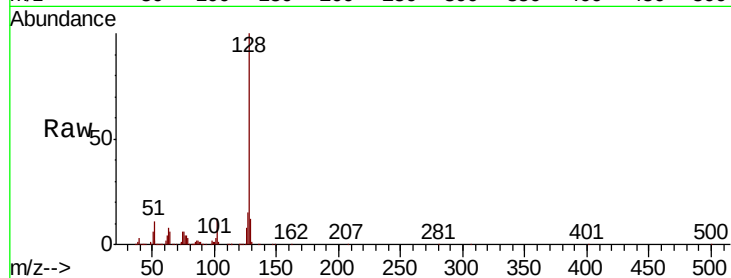




#31
Naphthalene
Concen: 43.510 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

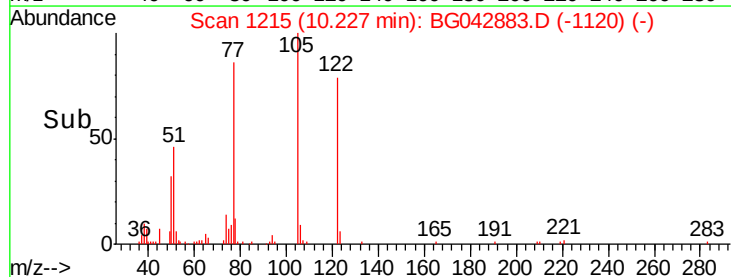
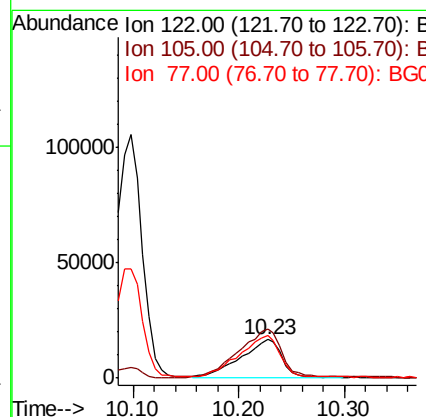
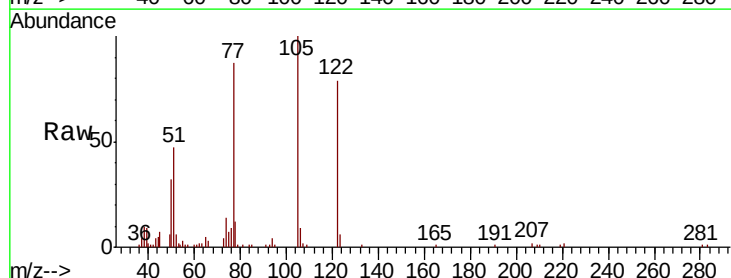
Instrument :
BNA_G
ClientSampleId :

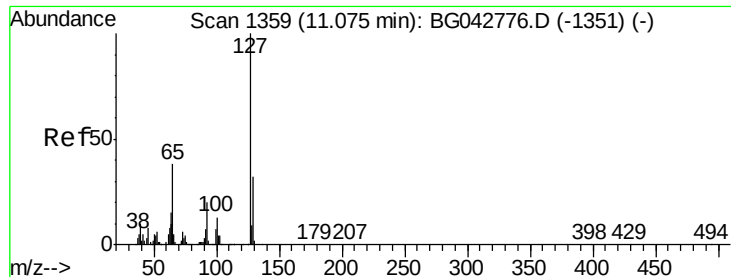
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	15.5	11.4	17.2



#32
Benzoic acid
Concen: 18.778 ng
RT: 10.23 min Scan# 1215
Delta R.T. 0.03 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.6	104.0	144.0
77	110.3	84.2	124.2

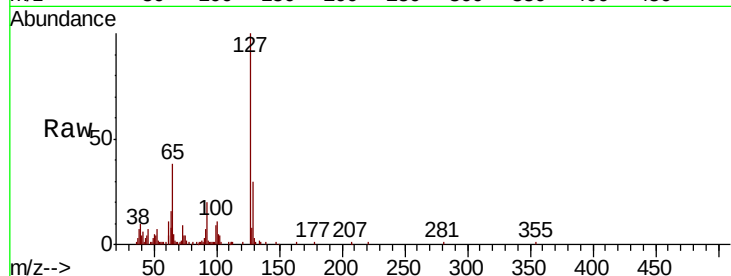




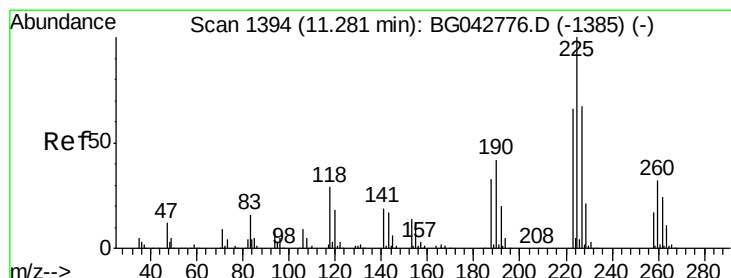
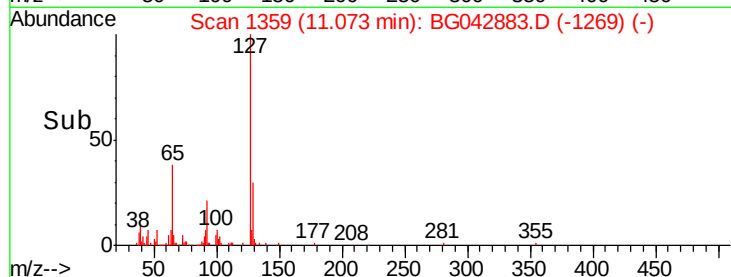
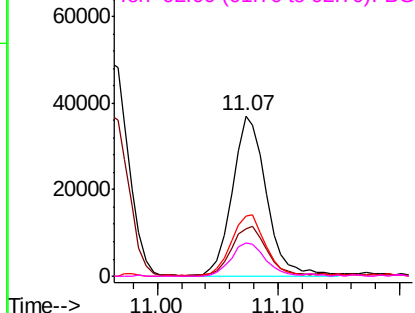
#33
4-Chloroaniline
Concen: 11.371 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	73319
Ion	Ratio	Lower	Upper
127	100		
129	29.8	25.8	38.6
65	37.8	30.5	45.7
92	20.4	15.9	23.9

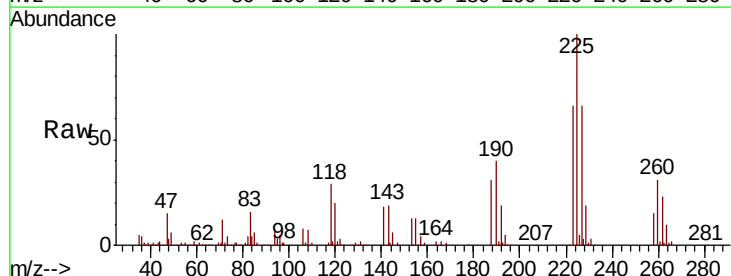


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

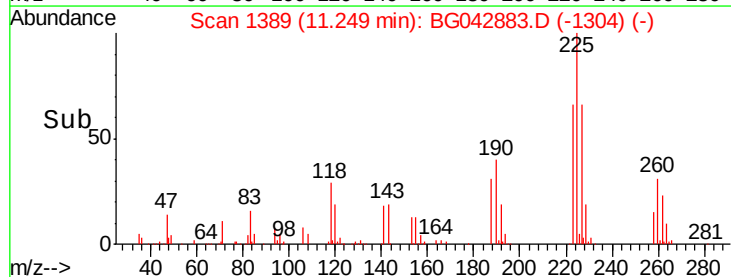
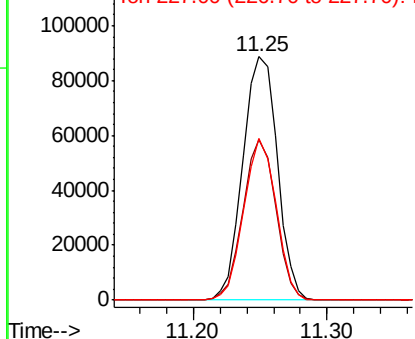


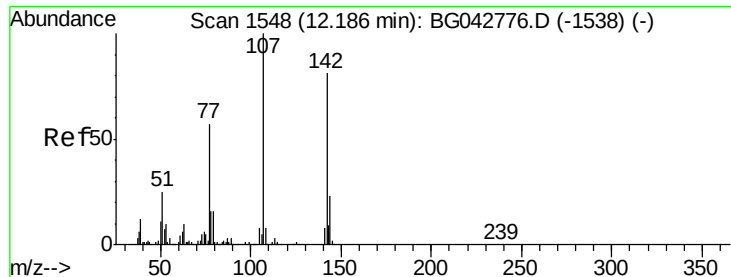
#34
Hexachlorobutadiene
Concen: 40.665 ng
RT: 11.25 min Scan# 1389
Delta R.T. -0.03 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

Tgt Ion:	225	Resp:	158388
Ion	Ratio	Lower	Upper
225	100		
223	65.9	52.6	79.0
227	69.2	53.6	80.4



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

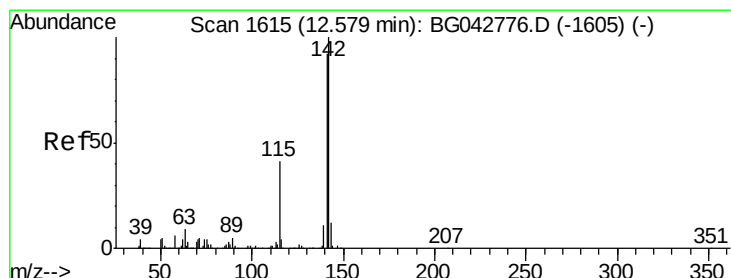
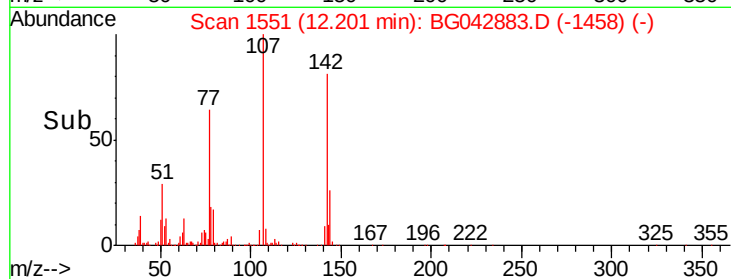
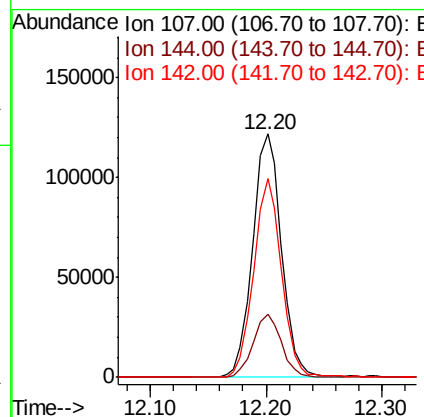
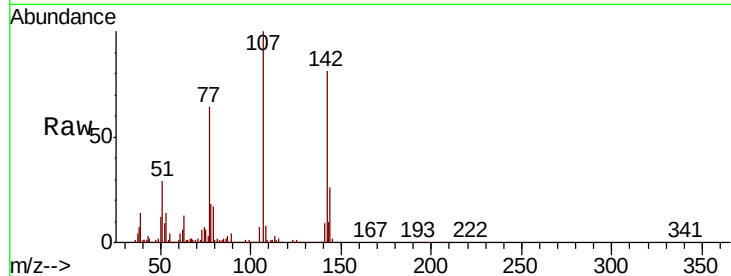




#36
4-Chloro-3-methylphenol
Concen: 43.011 ng
RT: 12.20 min Scan# 1551
Delta R.T. 0.02 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

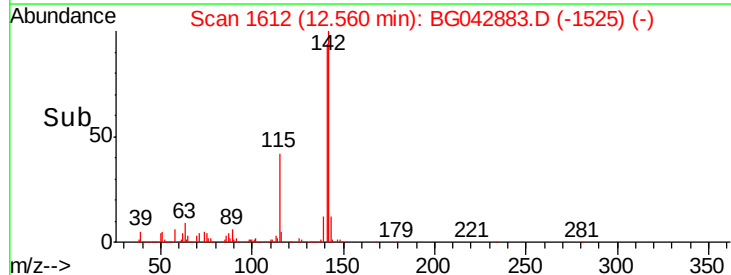
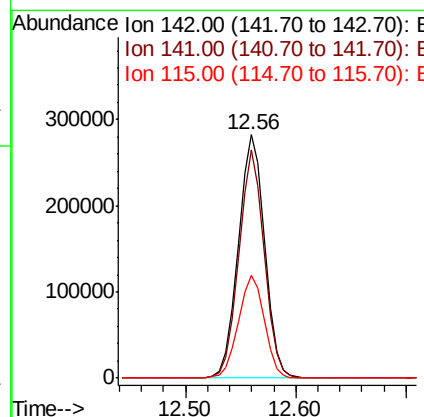
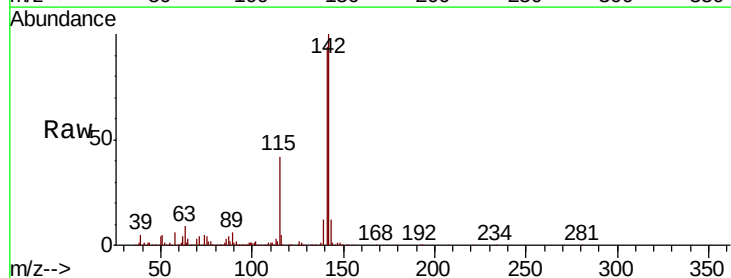
Instrument :
BNA_G
ClientSampleId :

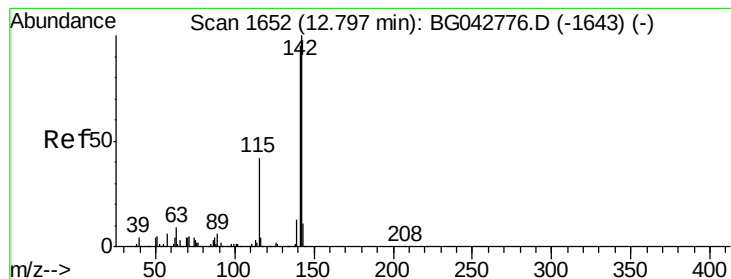
Tot Ion:107 Resp: 212641
Ion Ratio Lower Upper
107 100
144 25.9 18.7 28.1
142 81.5 65.0 97.4



#37
2-Methylnaphthalene
Concen: 45.817 ng
RT: 12.56 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

Tgt Ion:142 Resp: 473465
Ion Ratio Lower Upper
142 100
141 93.9 73.8 110.8
115 42.3 33.0 49.4





#38

1-Methylnaphthalene

Concen: 45.454 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.02 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampleId :

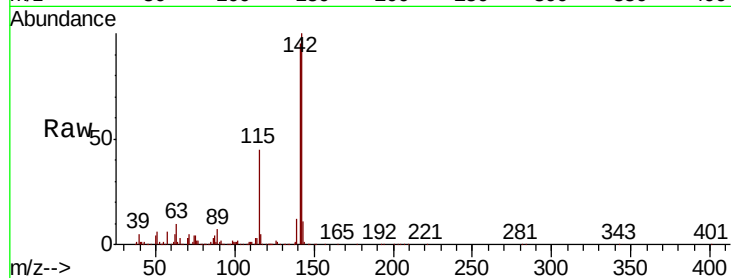
Tot Ion:142 Resp: 440542

Ion Ratio Lower Upper

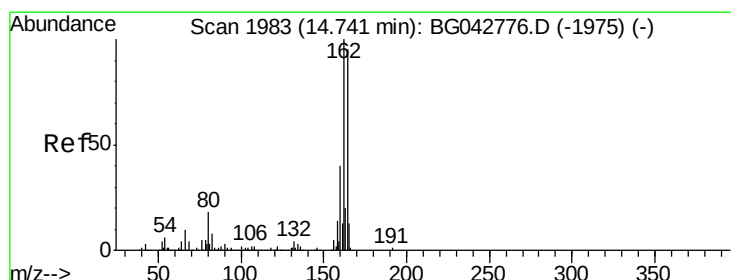
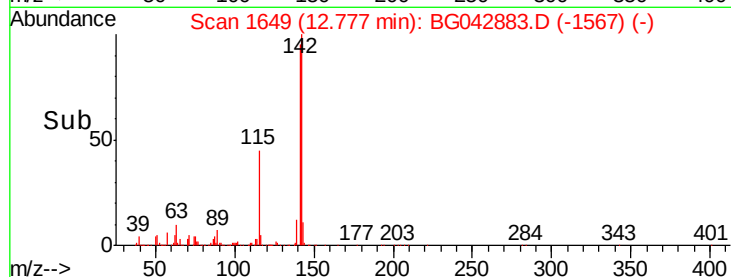
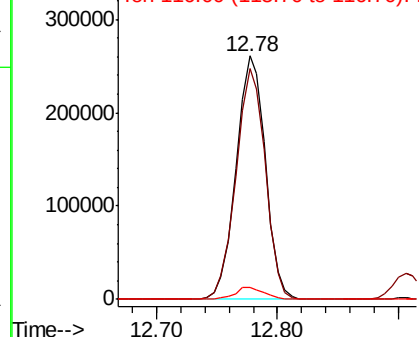
142 100

141 95.0 76.3 114.5

116 4.7 3.4 5.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.02 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

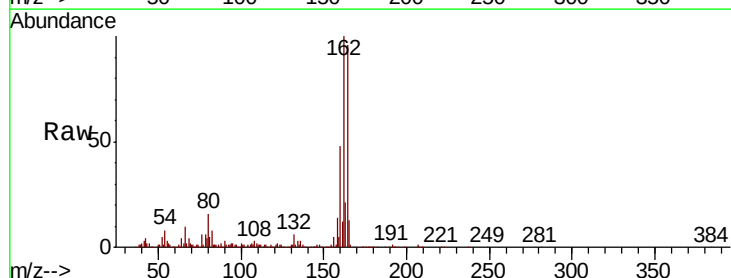
Tgt Ion:164 Resp: 195377

Ion Ratio Lower Upper

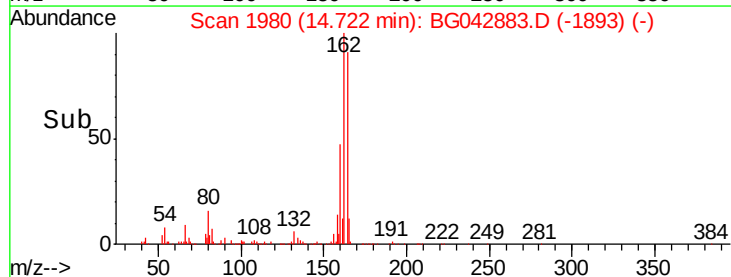
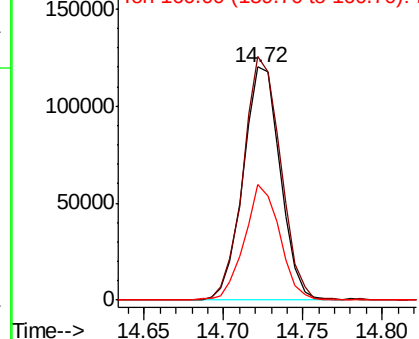
164 100

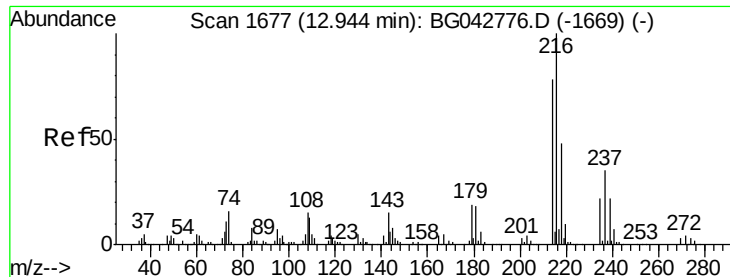
162 104.4 84.6 126.8

160 49.6 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.571 ng

RT: 12.92 min Scan# 1674

Delta R.T. -0.02 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 313579

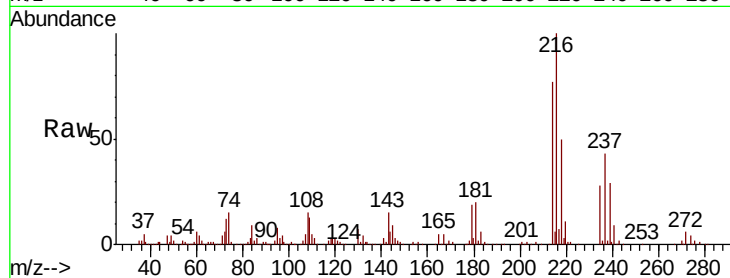
Ion Ratio Lower Upper

216 100

214 78.3 62.8 94.2

179 19.4 15.3 22.9

108 18.4 12.9 19.3

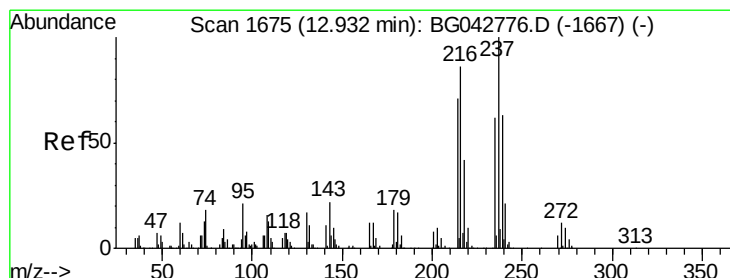
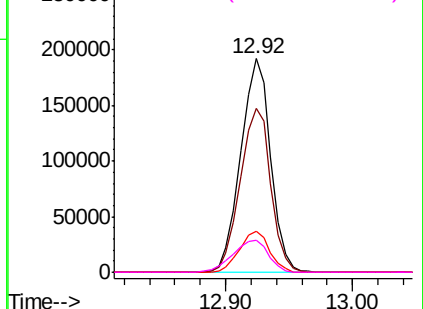
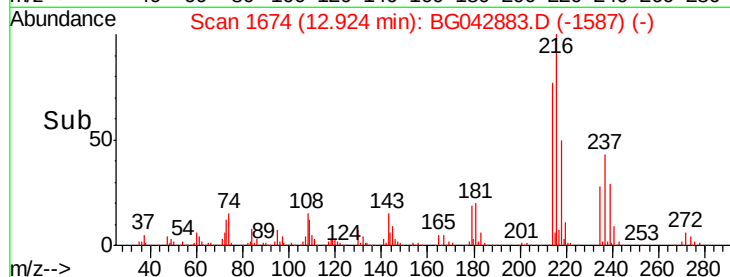


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 117.052 ng

RT: 12.91 min Scan# 1671

Delta R.T. -0.03 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

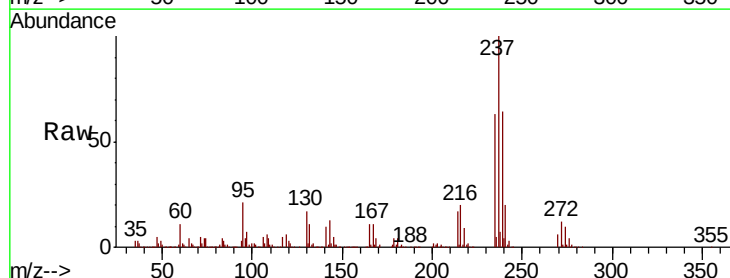
Tgt Ion:237 Resp: 432923

Ion Ratio Lower Upper

237 100

235 63.2 41.9 81.9

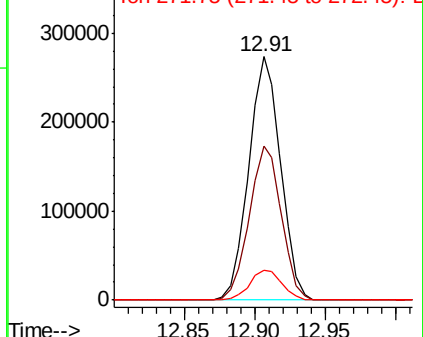
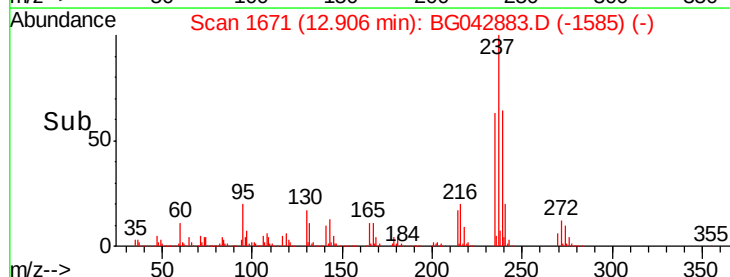
272 12.3 0.0 31.6

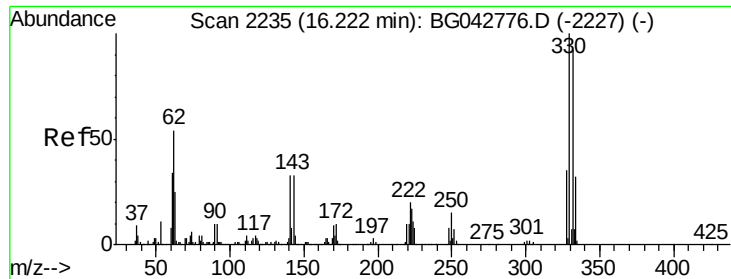


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

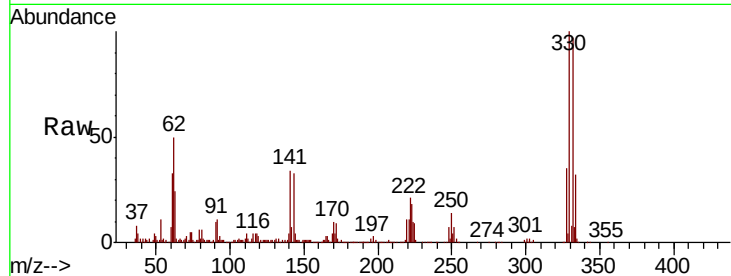




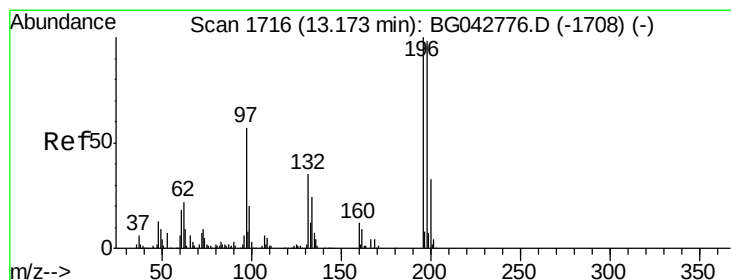
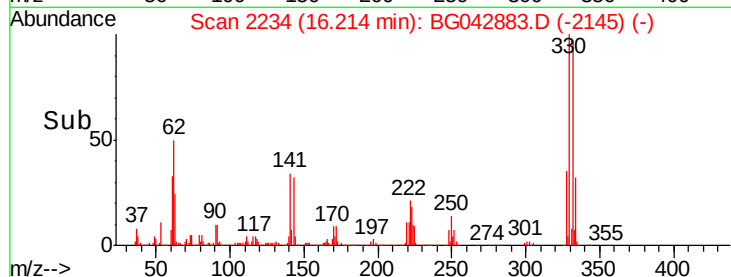
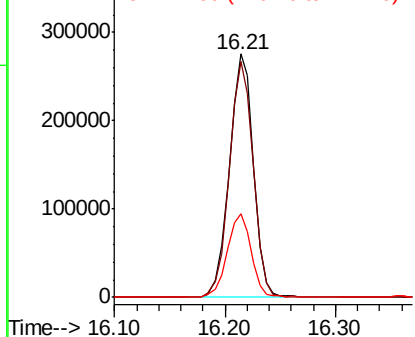
#42
 2,4,6-Tribromophenol
 Concen: 161.502 ng
 RT: 16.21 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BG042883.D
 Acq: 18 Sep 2019 1:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.7	115.1
141	34.1	27.0	40.6

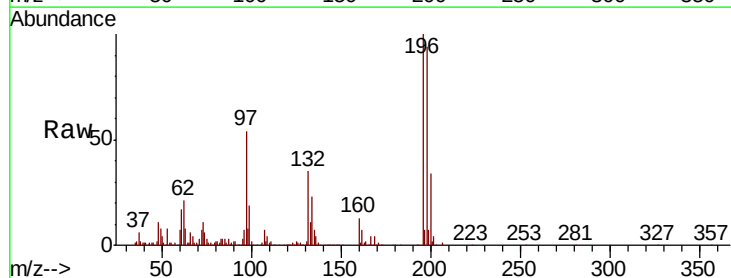


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

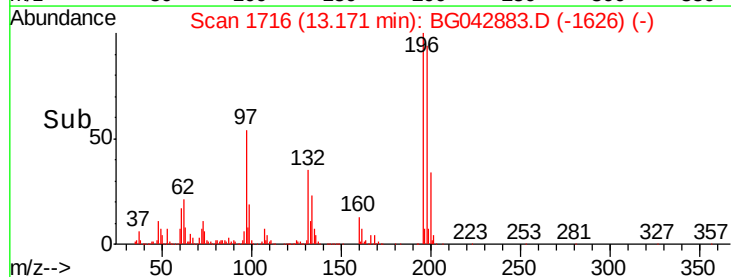
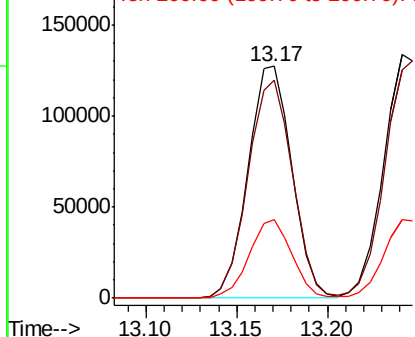


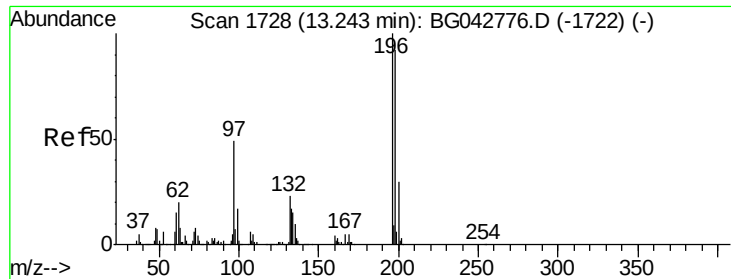
#43
 2,4,6-Trichlorophenol
 Concen: 49.773 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042883.D
 Acq: 18 Sep 2019 1:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	78.8	118.2
200	33.8	26.2	39.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

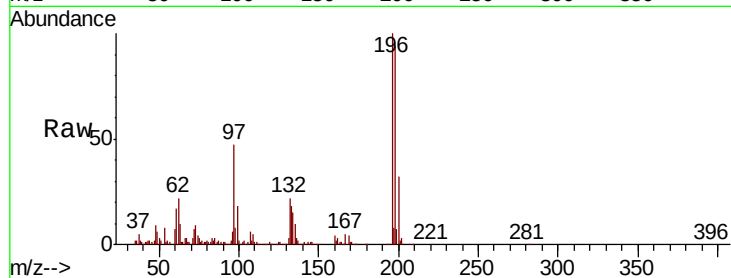




#44
2,4,5-Trichlorophenol
Concen: 51.217 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	73.4	110.0
97	47.1	39.2	58.8
132	22.3	18.7	28.1



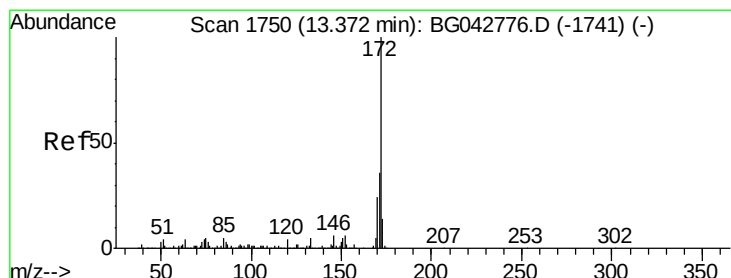
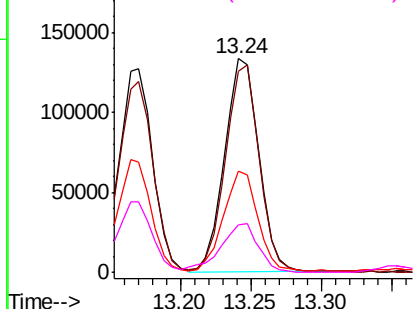
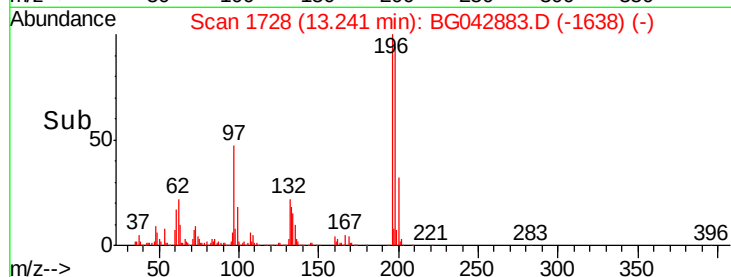
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

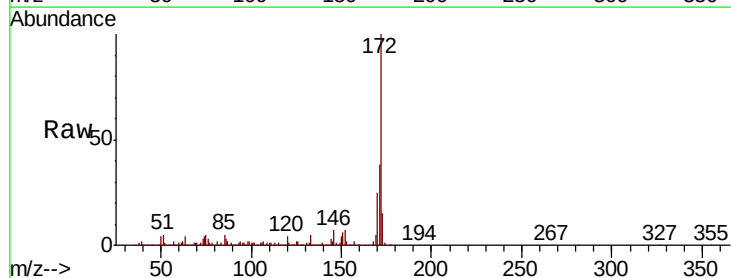
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#45
2-Fluorobiphenyl
Concen: 95.693 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.9	43.3
170	25.3	19.1	28.7

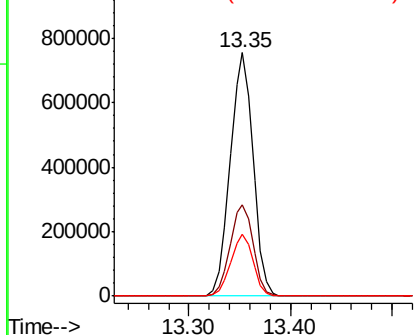
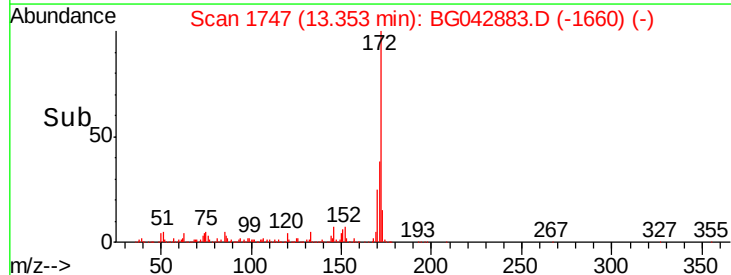


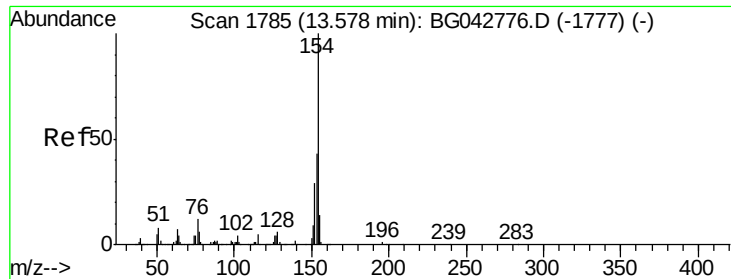
Abundance

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

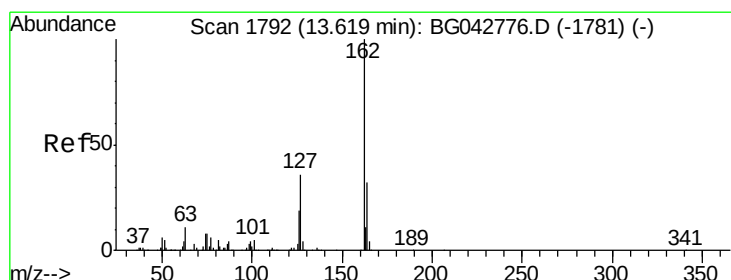
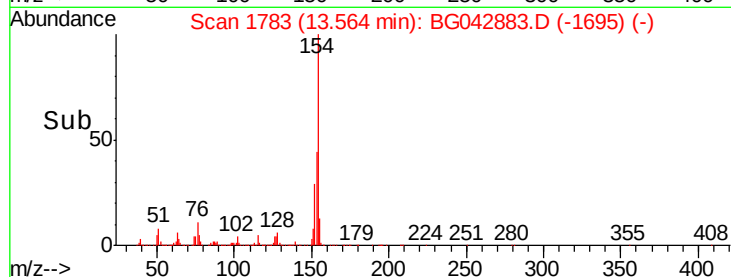
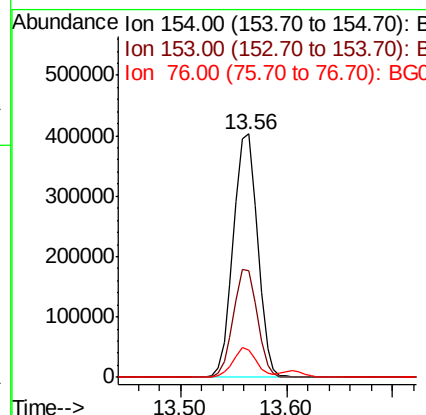
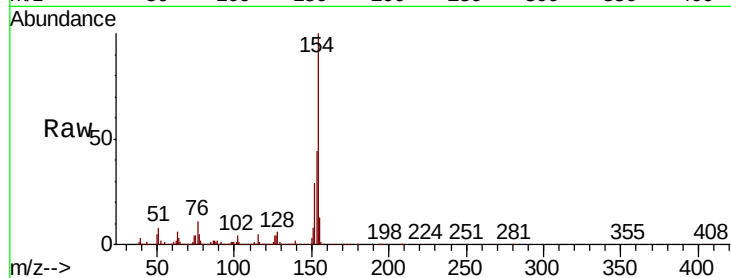




#46
1,1'-Biphenyl
Concen: 46.746 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

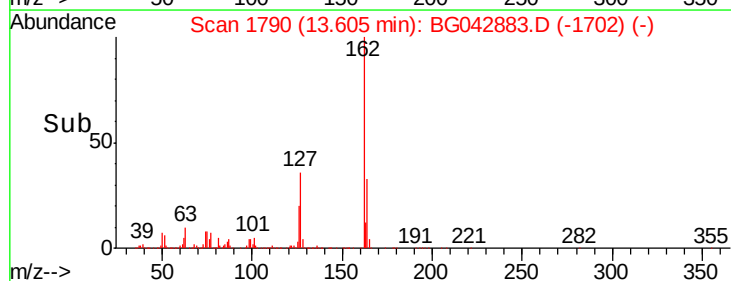
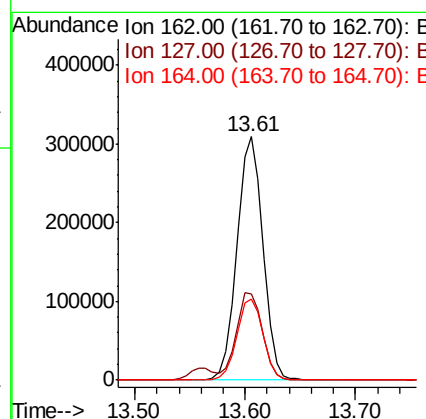
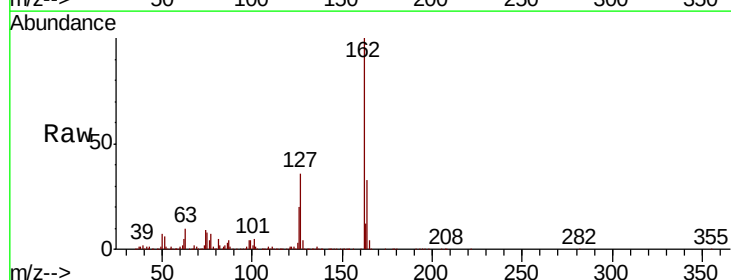
Instrument :
BNA_G
ClientSampleId :

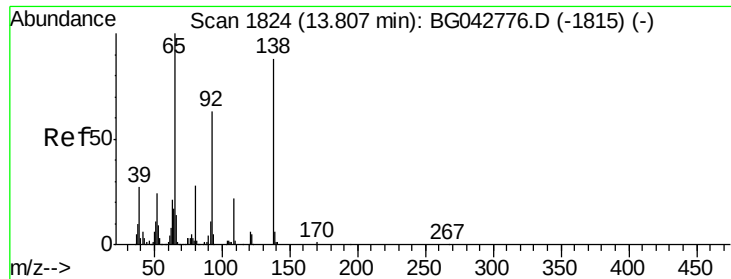
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.6	22.6	62.6
76	11.3	0.0	32.2



#47
2-Chloronaphthalene
Concen: 45.033 ng
RT: 13.61 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.6	29.3	43.9
164	33.4	26.0	39.0

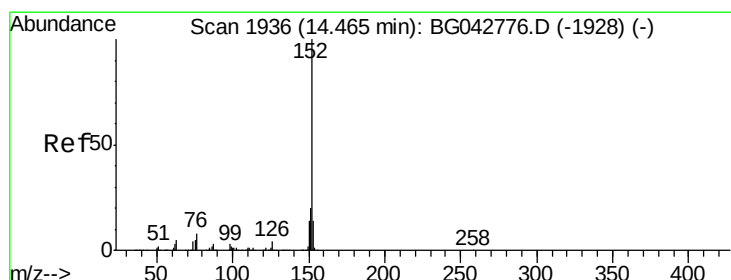
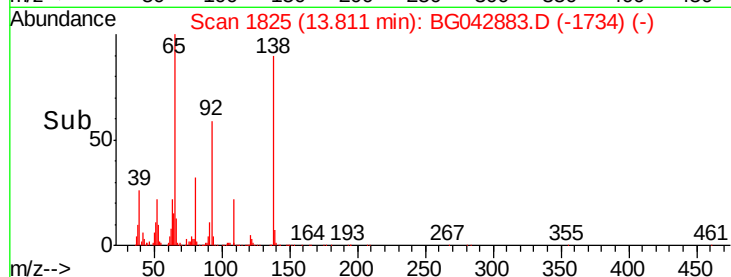
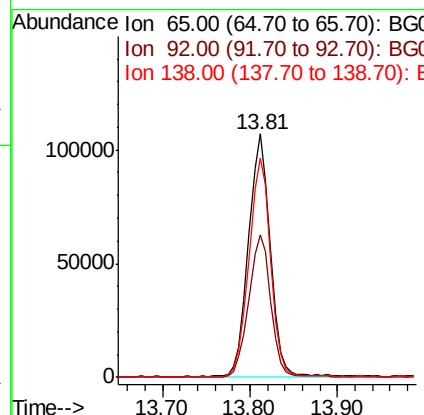
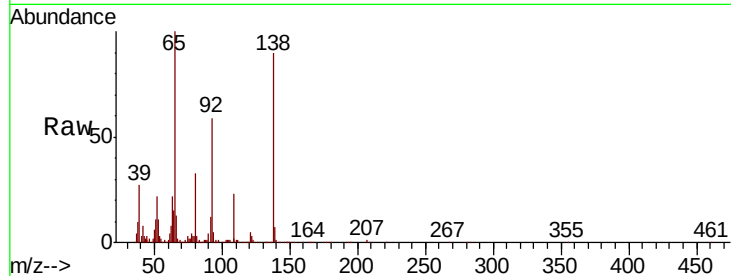




#48
2-Nitroaniline
Concen: 45.585 ng
RT: 13.81 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

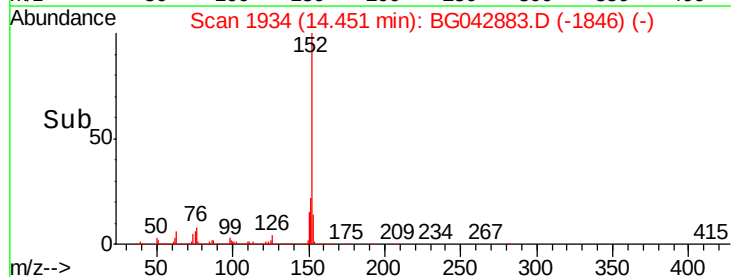
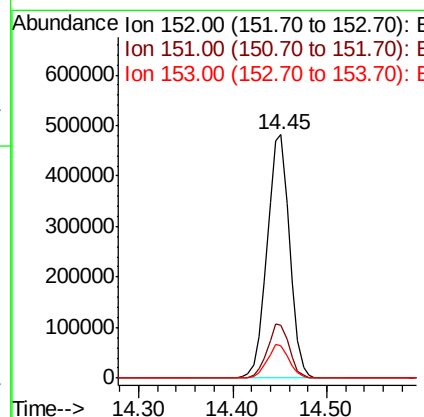
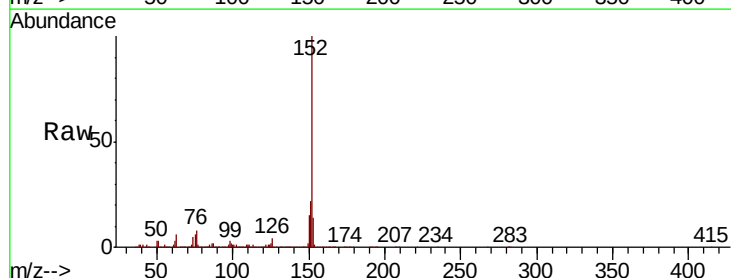
Instrument :
BNA_G
ClientSampleId :

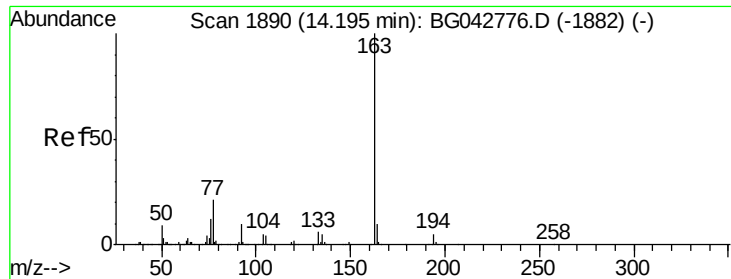
Tot Ion: 65 Resp: 178920
Ion Ratio Lower Upper
65 100
92 58.7 50.4 75.6
138 90.0 70.6 106.0



#49
Acenaphthylene
Concen: 45.999 ng
RT: 14.45 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

Tgt Ion: 152 Resp: 795336
Ion Ratio Lower Upper
152 100
151 21.9 16.0 24.0
153 13.6 11.4 17.0





#50

Dimethylphthalate

Concen: 51.875 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampleId :

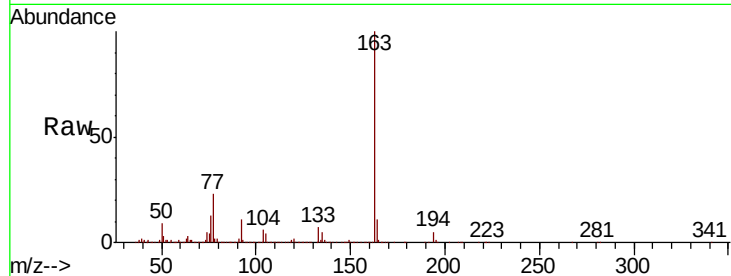
Tot Ion:163 Resp: 759243

Ion Ratio Lower Upper

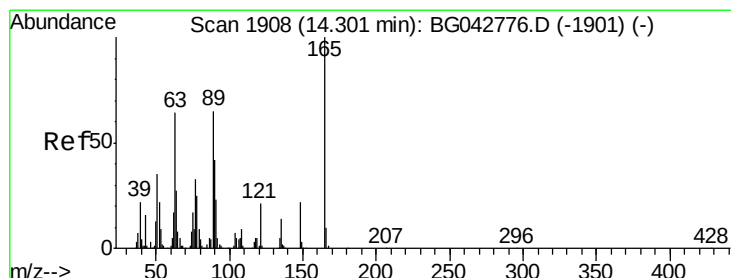
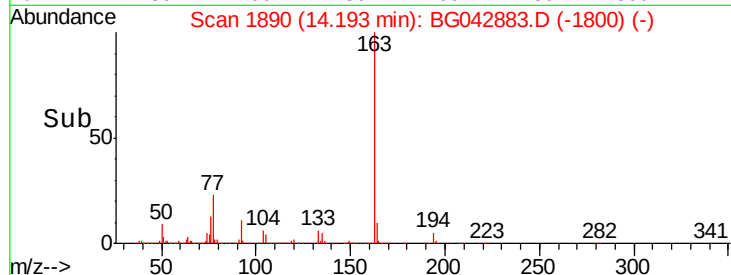
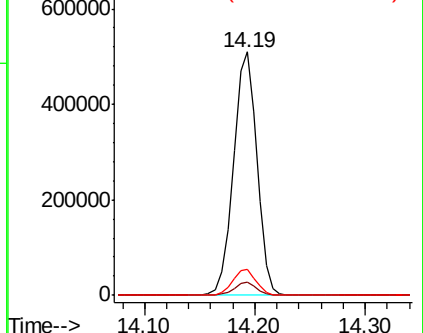
163 100

194 5.4 4.2 6.4

164 10.6 8.4 12.6



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: 50.800 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

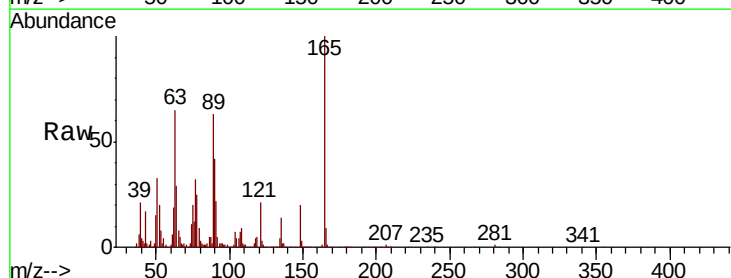
Tgt Ion:165 Resp: 152564

Ion Ratio Lower Upper

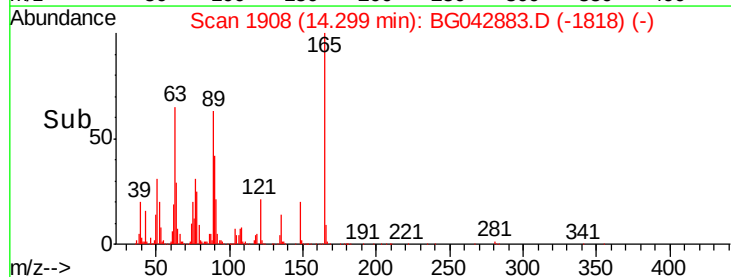
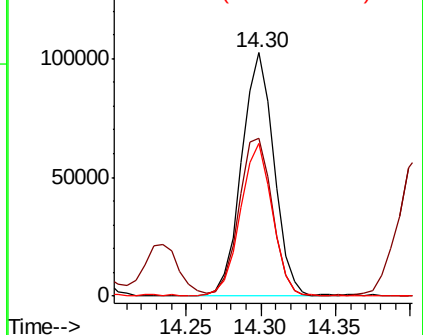
165 100

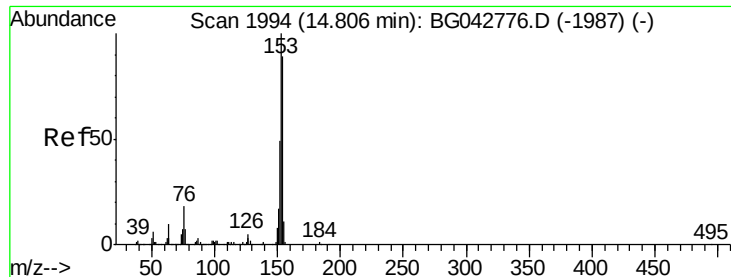
63 65.0 52.1 78.1

89 62.8 51.7 77.5



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 43.771 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampleId :

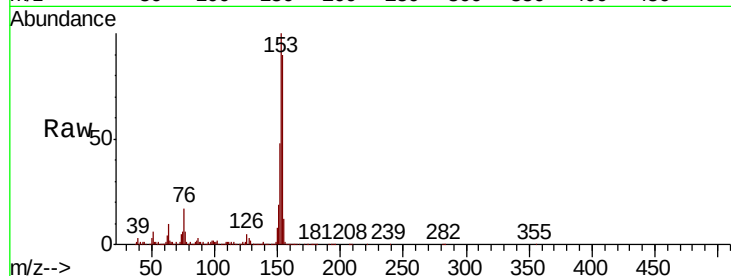
Tot Ion:154 Resp: 494427

Ion Ratio Lower Upper

154 100

153 111.5 89.4 134.2

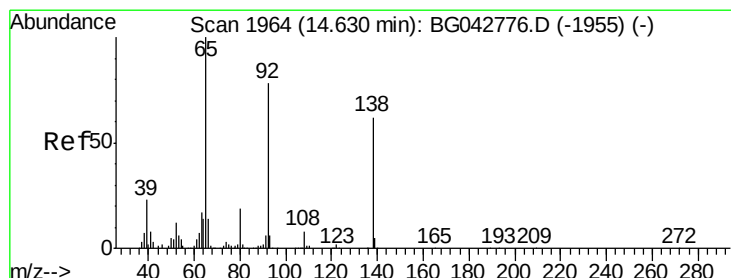
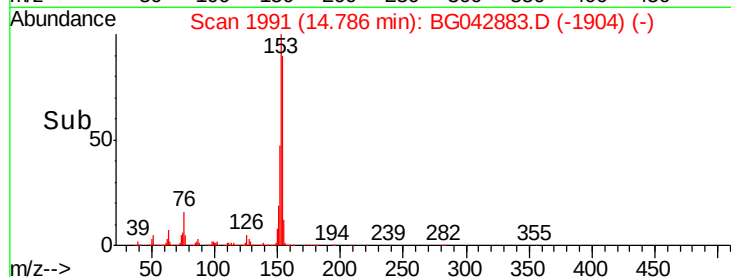
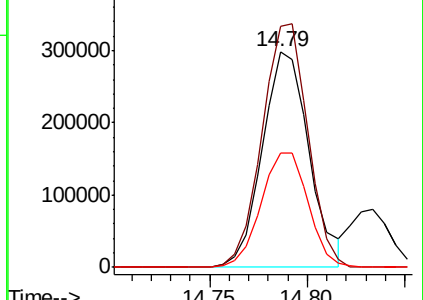
152 53.0 43.5 65.3



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



#53

3-Nitroaniline

Concen: 17.428 ng

RT: 14.63 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

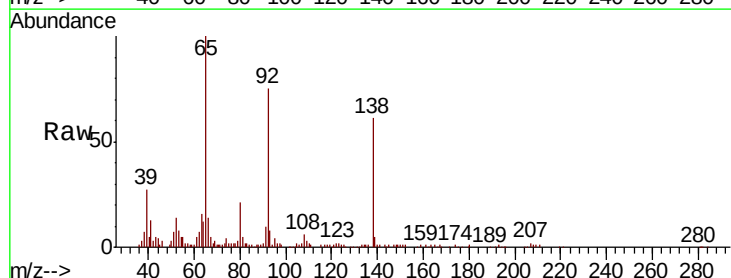
Tgt Ion:138 Resp: 58743

Ion Ratio Lower Upper

138 100

108 10.5 10.7 16.1#

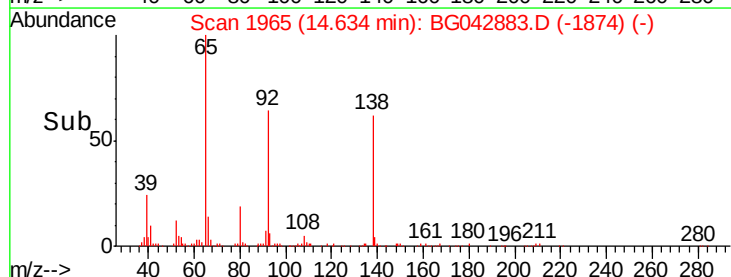
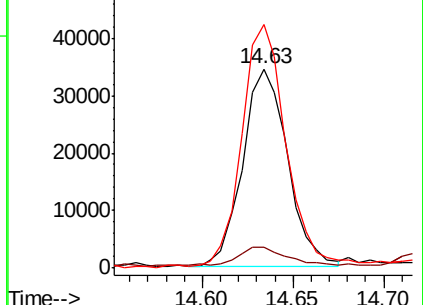
92 122.5 100.5 150.7

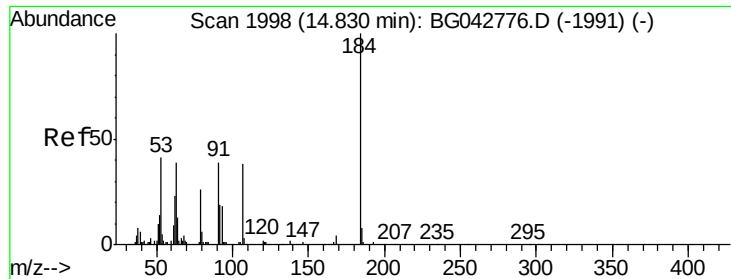


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#54

2,4-Dinitrophenol

Concen: 135.333 ng

RT: 14.83 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampleId :

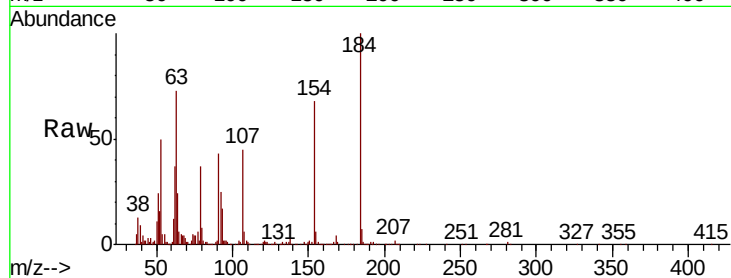
Tot Ion:184 Resp: 200081

Ion Ratio Lower Upper

184 100

63 72.9 46.2 69.4#

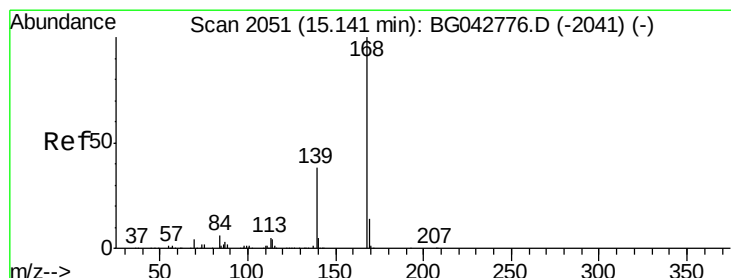
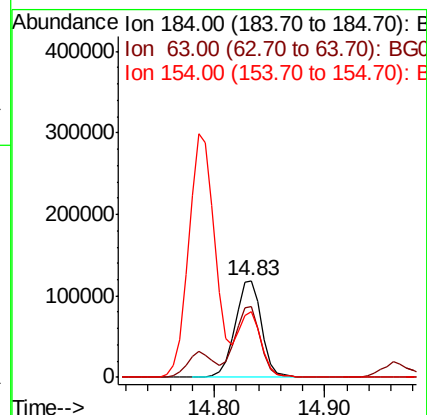
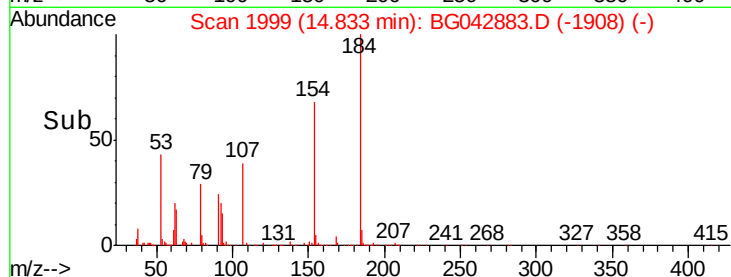
154 67.7 81.3 121.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 47.507 ng

RT: 15.12 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

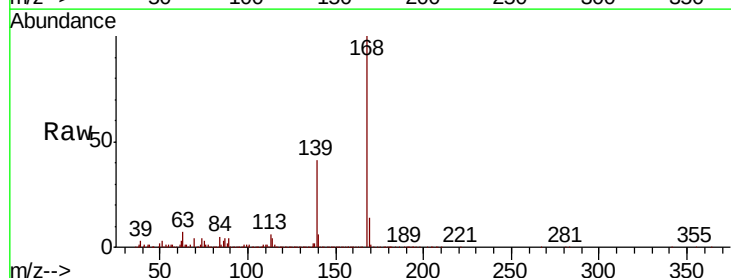
Tgt Ion:168 Resp: 797650

Ion Ratio Lower Upper

168 100

139 40.6 30.2 45.4

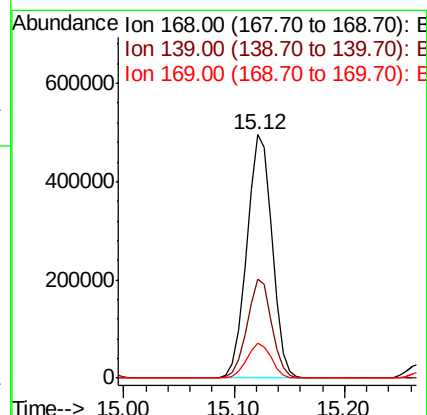
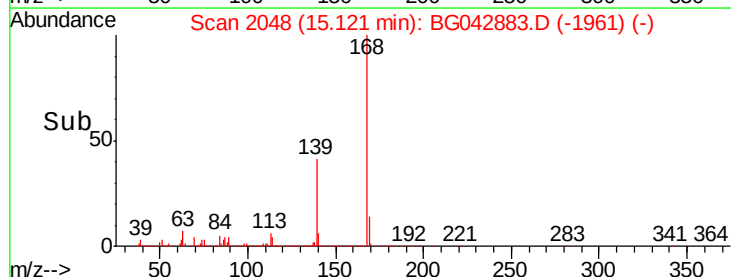
169 14.1 11.2 16.8

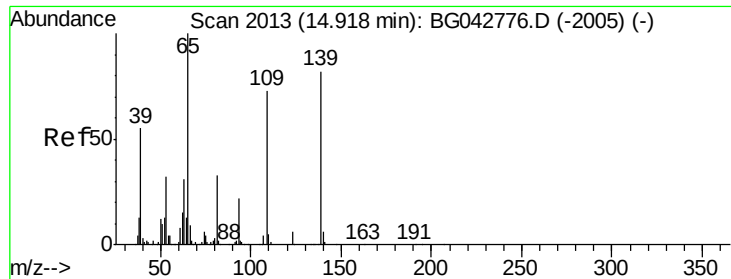


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

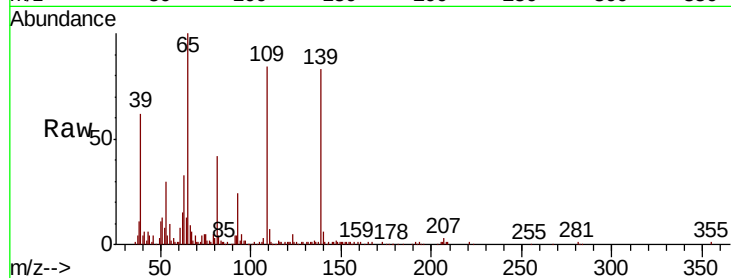




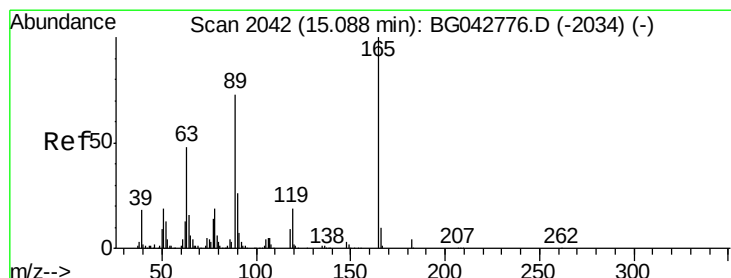
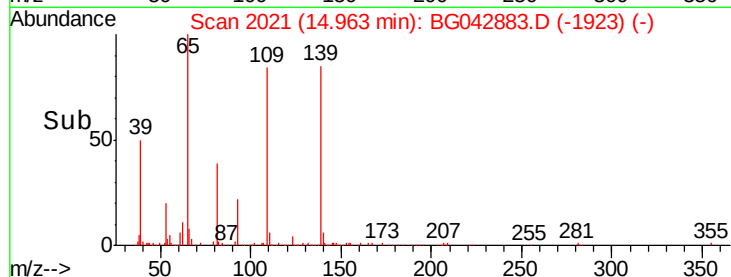
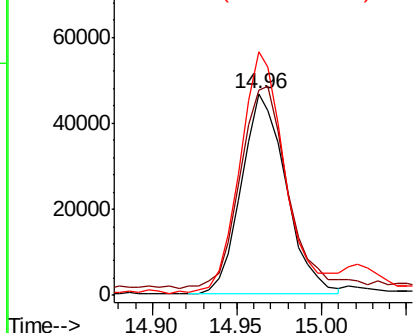
#56
4-Nitrophenol
Concen: 32.870 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.04 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 85663
Ion Ratio Lower Upper
139 100
109 101.9 69.4 109.4
65 120.8 102.5 142.5

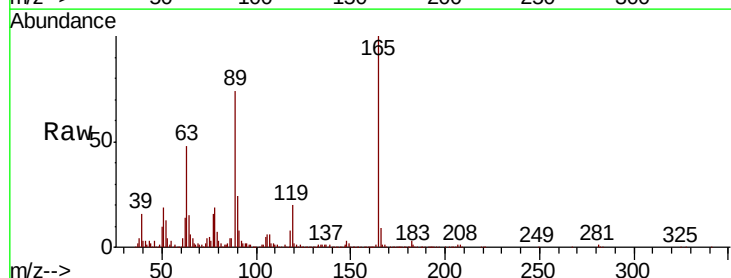


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

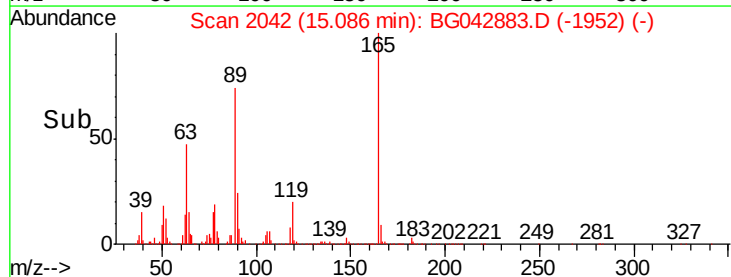
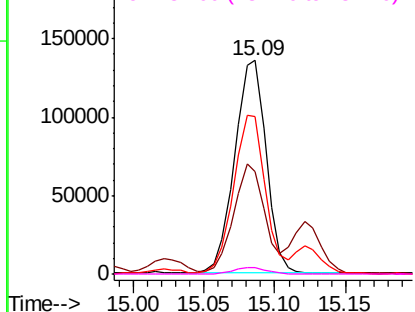


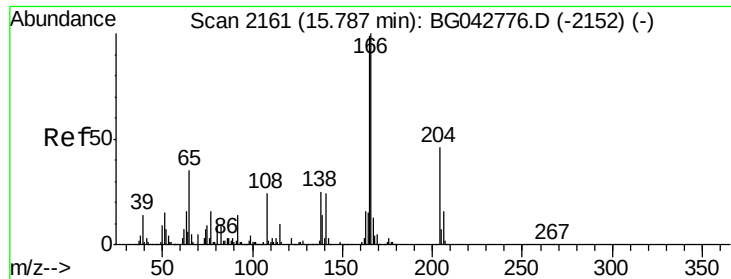
#57
2,4-Dinitrotoluene
Concen: 52.925 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

Tgt Ion:165 Resp: 211859
Ion Ratio Lower Upper
165 100
63 47.7 38.3 57.5
89 74.0 58.4 87.6
182 2.9 2.9 4.3



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

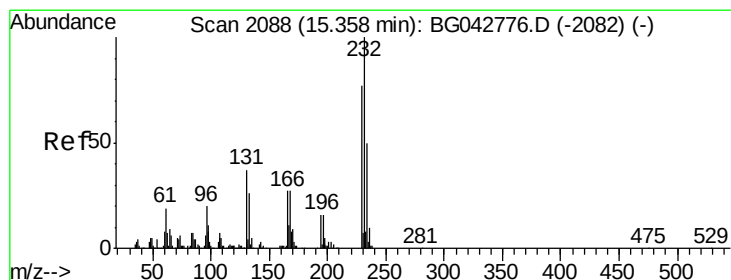
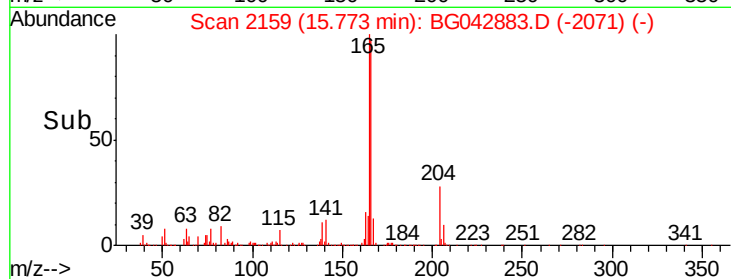
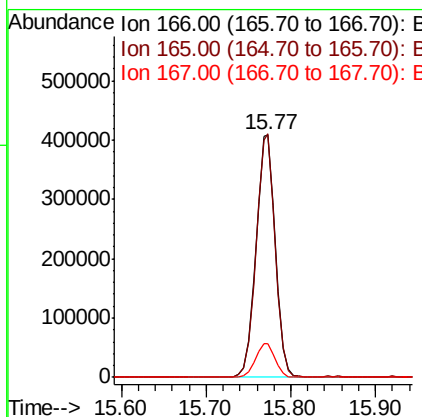
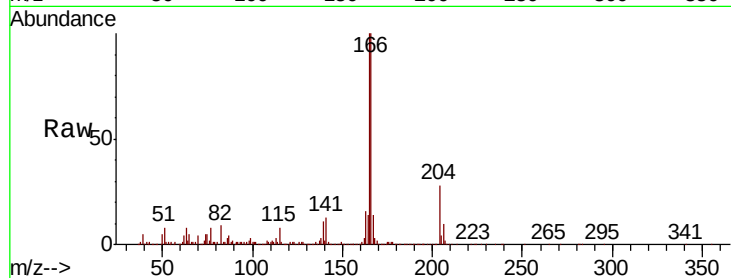




#58
 Fluorene
 Concen: 47.246 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG042883.D
 Acq: 18 Sep 2019 1:07

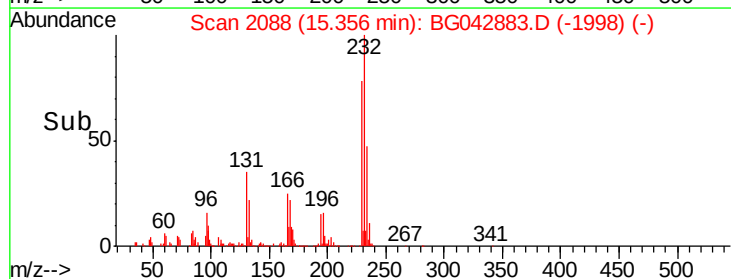
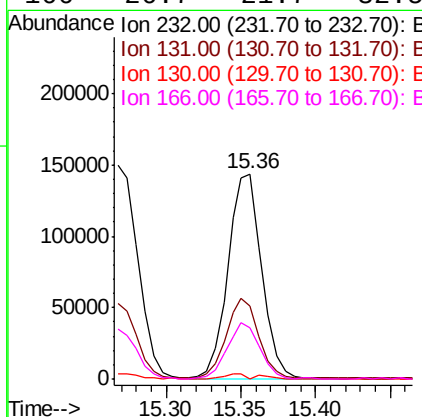
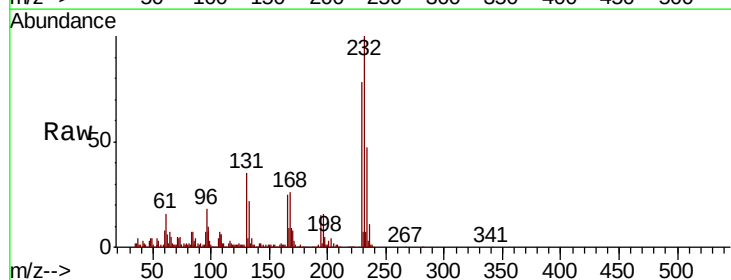
Instrument :
 BNA_G
 ClientSampled :

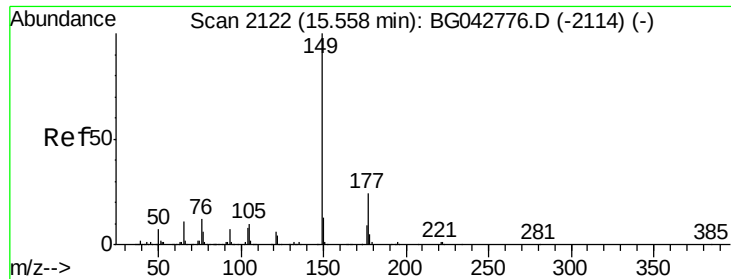
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.1	118.7
167	13.8	10.7	16.1



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.340 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: BG042883.D
 Acq: 18 Sep 2019 1:07

Tgt Ion	Ratio	Lower	Upper
232	100		
131	37.5	31.1	46.7
130	1.8	1.8	2.6
166	26.7	21.7	32.5





#60

Diethylphthalate

Concen: 43.883 ng

RT: 15.55 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampleId :

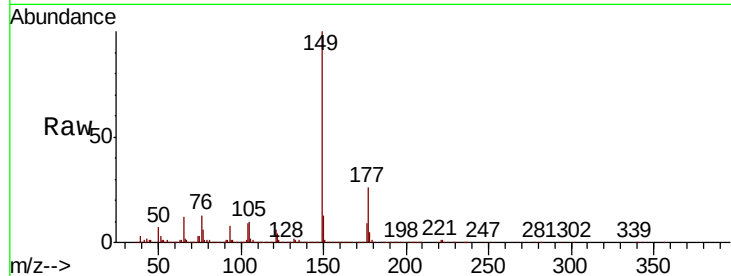
Tot Ion:149 Resp: 651965

Ion Ratio Lower Upper

149 100

177 25.6 19.4 29.0

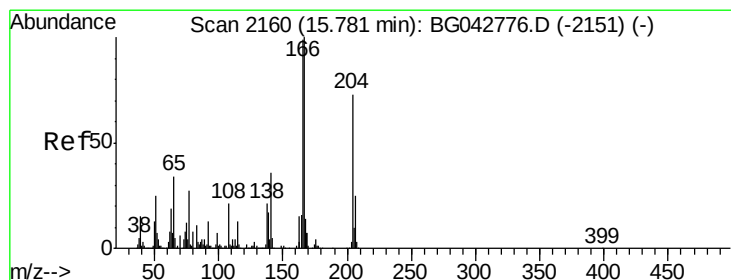
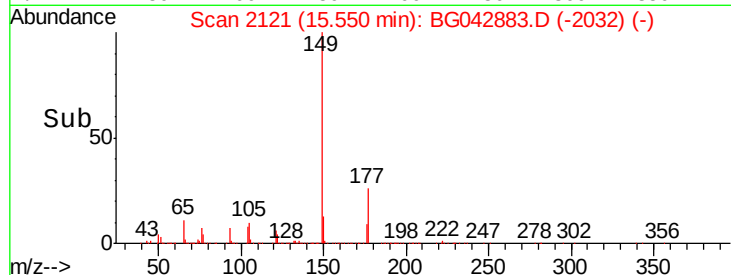
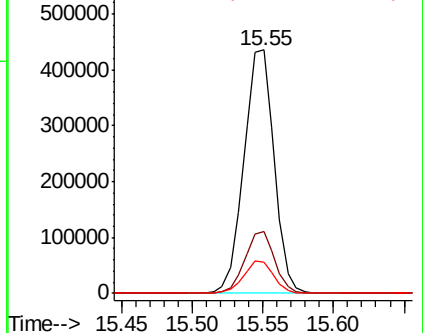
150 13.0 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 47.439 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

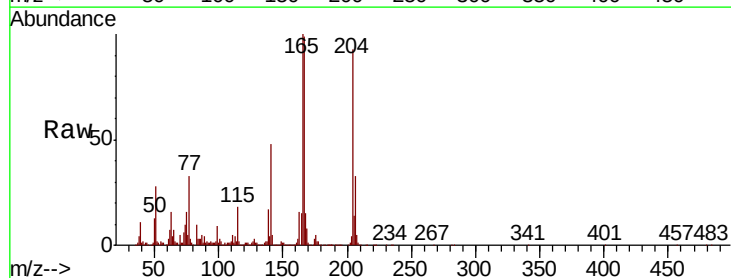
Tgt Ion:204 Resp: 390297

Ion Ratio Lower Upper

204 100

206 35.5 27.6 41.4

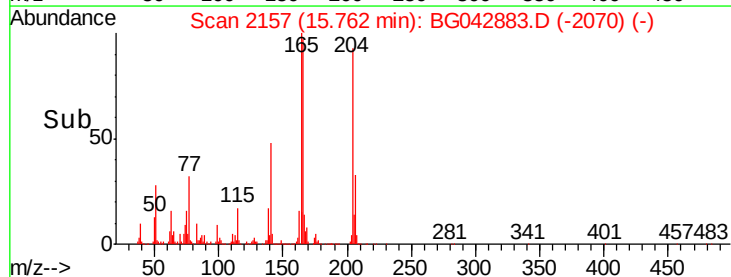
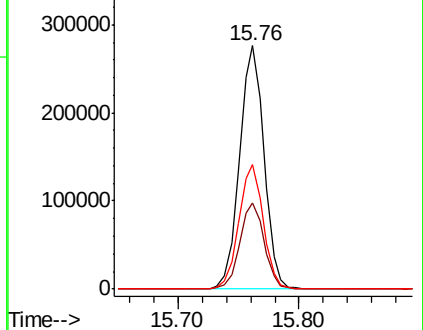
141 51.3 39.8 59.6

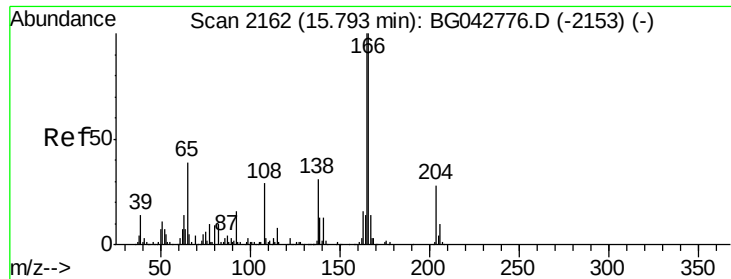


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

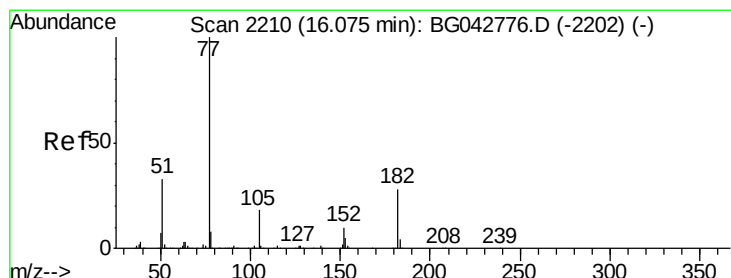
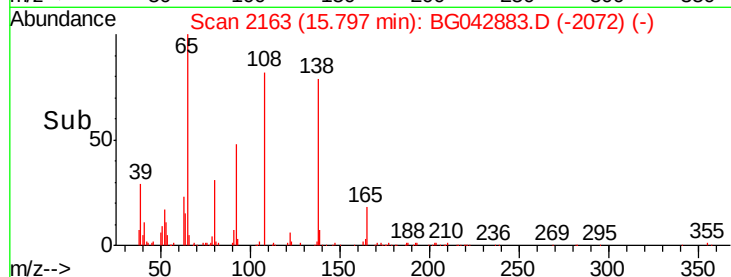
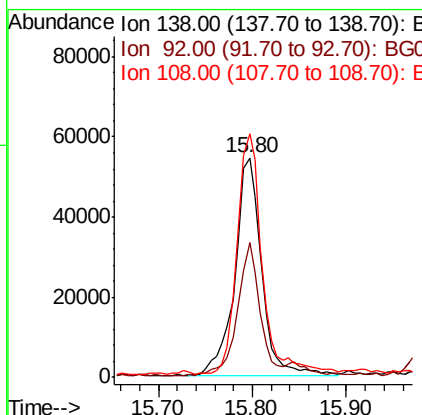
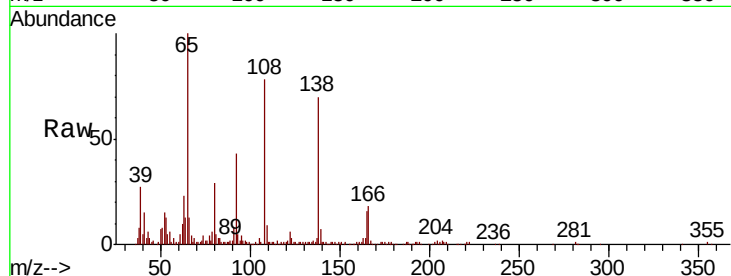




#62
4-Nitroaniline
Concen: 29.703 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

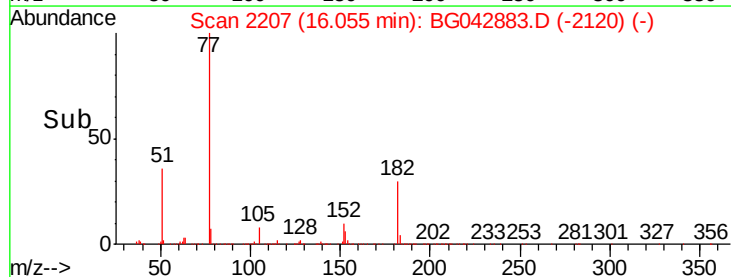
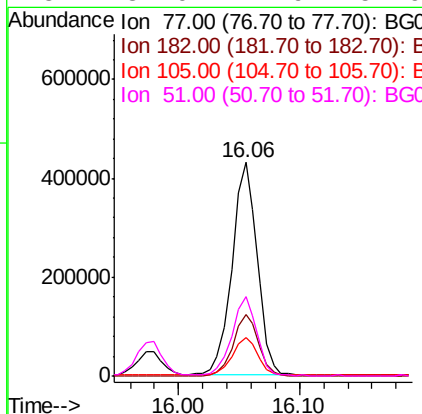
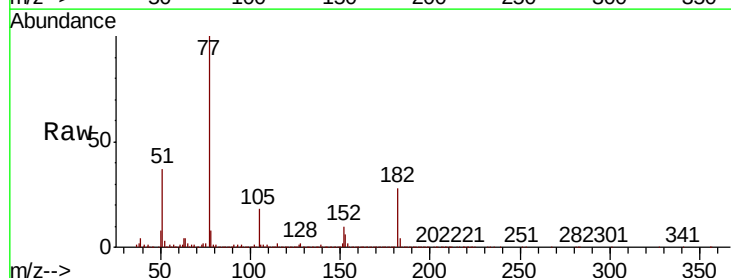
Instrument :
BNA_G
ClientSampleId :

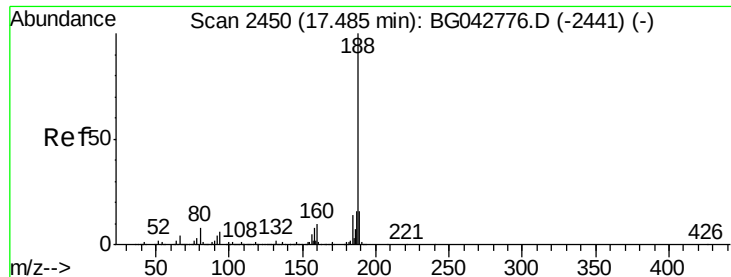
Tot Ion:138 Resp: 107916
Ion Ratio Lower Upper
138 100
92 61.2 31.4 71.4
108 111.0 74.8 114.8



#63
Azobenzene
Concen: 43.601 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

Tgt Ion: 77 Resp: 623779
Ion Ratio Lower Upper
77 100
182 28.5 8.1 48.1
105 18.1 0.0 38.1
51 37.0 12.9 52.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.02 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampleId :

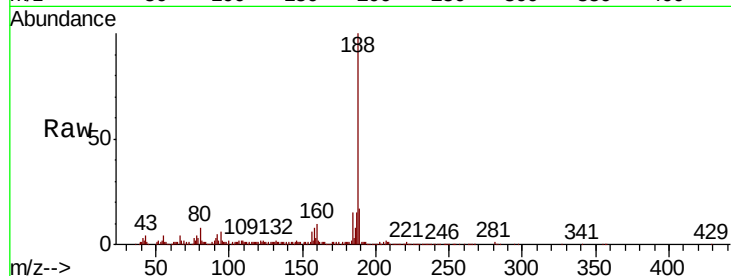
Tot Ion:188 Resp: 423559

Ion Ratio Lower Upper

188 100

94 6.4 4.8 7.2

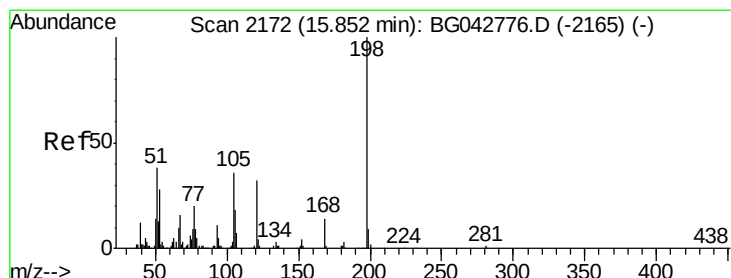
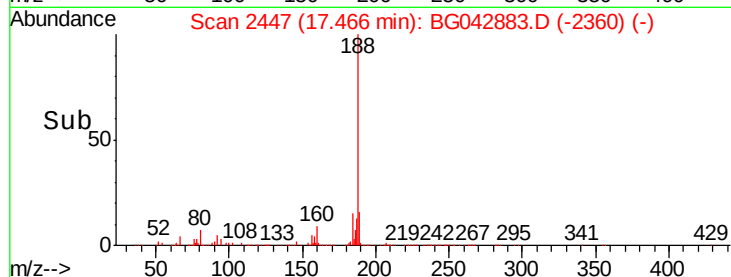
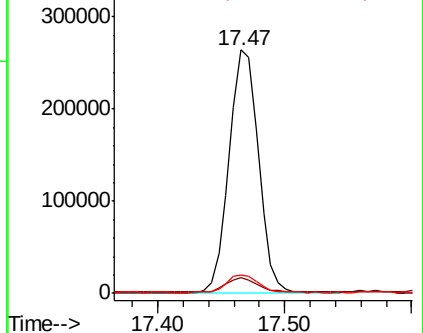
80 7.5 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 78.675 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

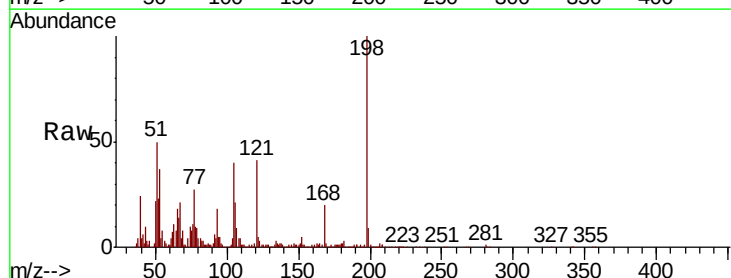
Tgt Ion:198 Resp: 142586

Ion Ratio Lower Upper

198 100

51 50.2 20.9 60.9

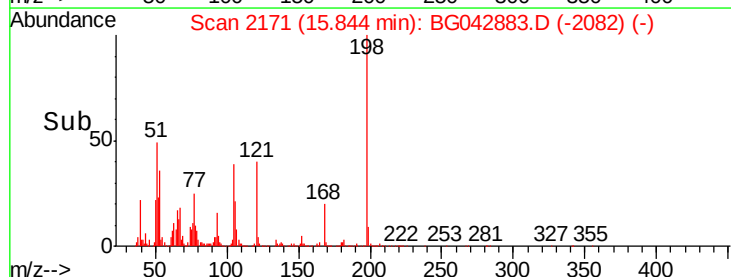
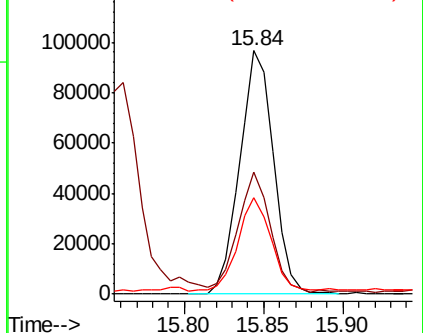
105 39.8 16.4 56.4

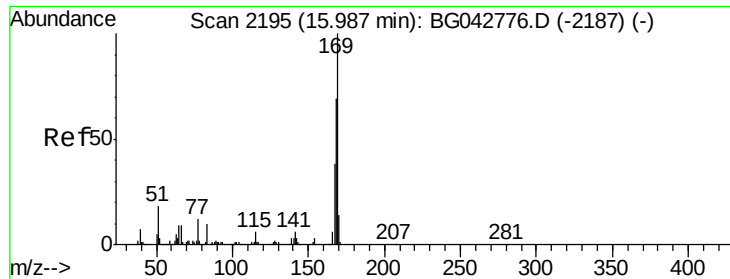


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

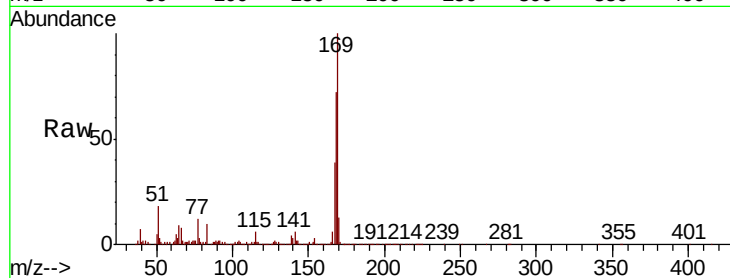




#66
 n-Nitrosodiphenylamine
 Concen: 51.303 ng
 RT: 15.98 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BG042883.D
 Acq: 18 Sep 2019 1:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	72.3	55.4	83.2
167	39.0	30.4	45.6

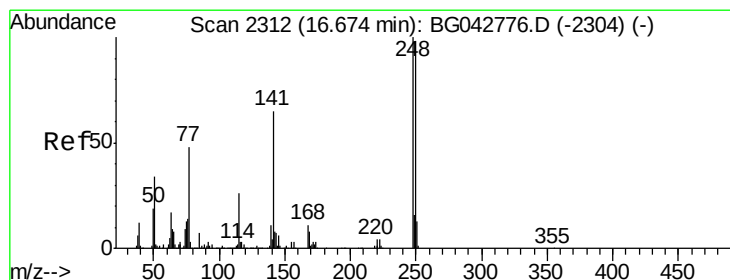
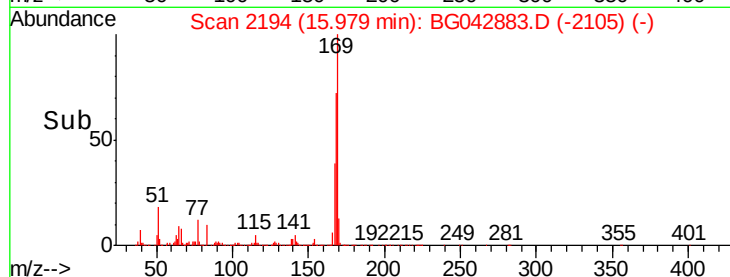
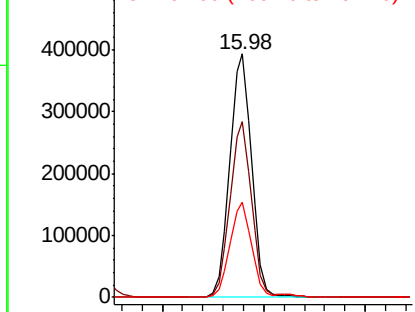


Abundance

Ion 169.00 (168.70 to 169.70): E

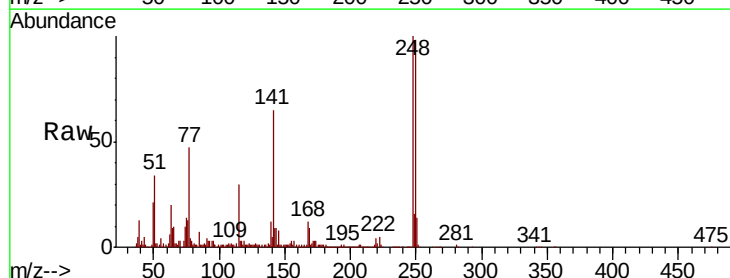
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67
 4-Bromophenyl-phenylether
 Concen: 50.306 ng
 RT: 16.65 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BG042883.D
 Acq: 18 Sep 2019 1:07

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.0	117.0
141	64.7	51.8	77.6

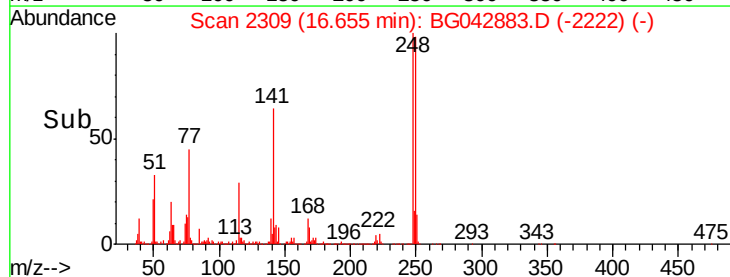
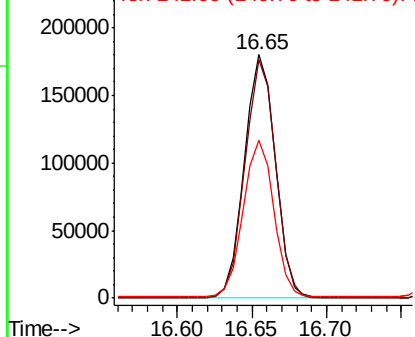


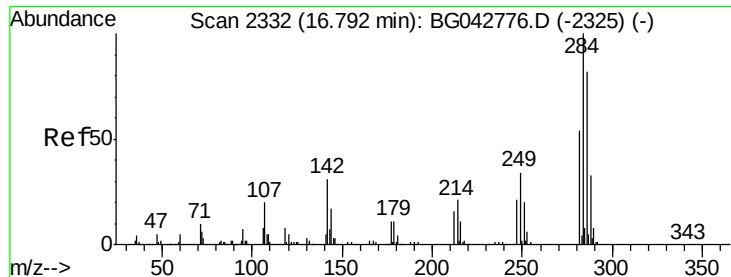
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

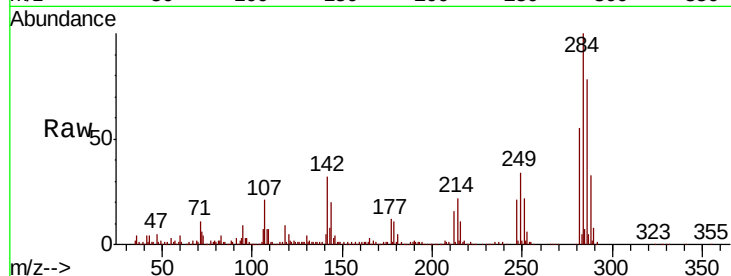




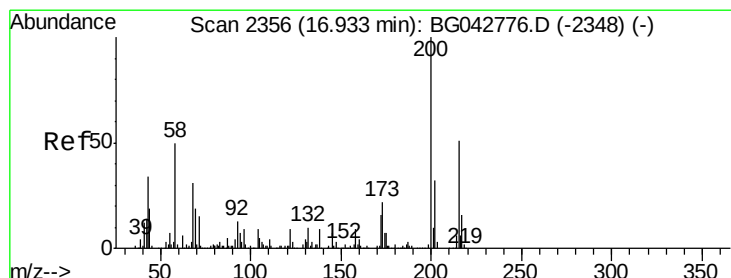
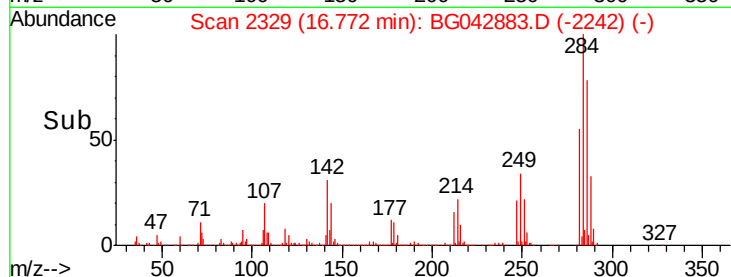
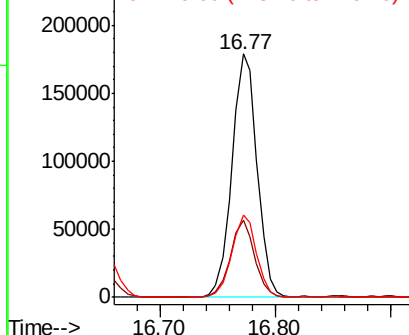
#68
Hexachlorobenzene
Concen: 48.956 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.02 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.6	24.7	37.1
249	34.0	27.0	40.4

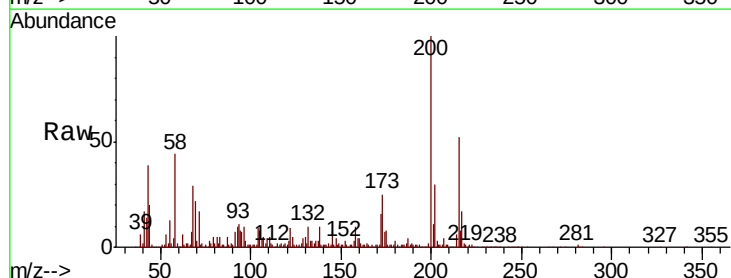


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

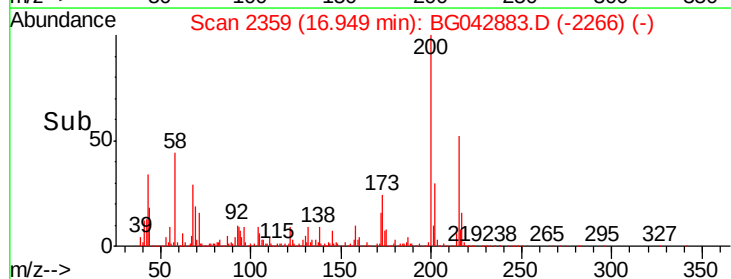
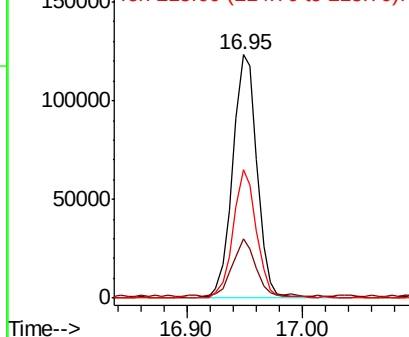


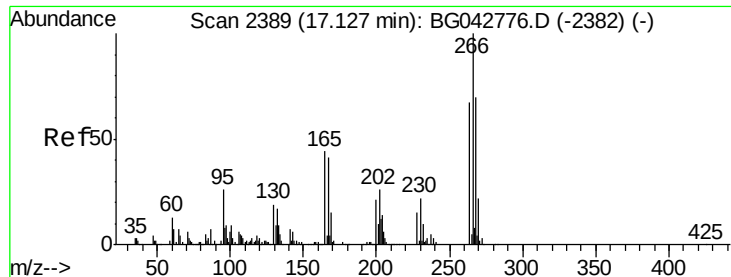
#69
Atrazine
Concen: 45.146 ng
RT: 16.95 min Scan# 2359
Delta R.T. 0.02 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.5	2.5	42.5
215	52.5	31.0	71.0



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 114.882 ng

RT: 17.12 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampleId :

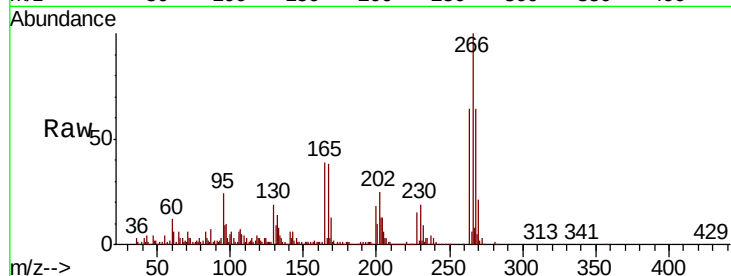
Tot Ion:266 Resp: 373331

Ion Ratio Lower Upper

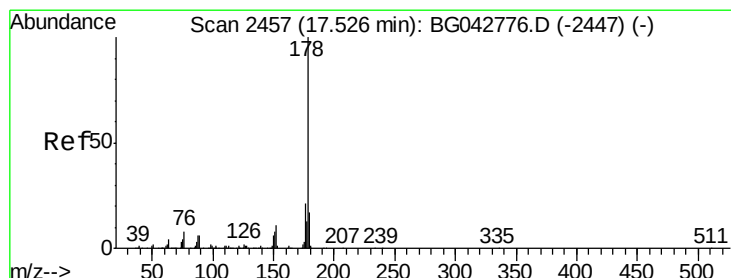
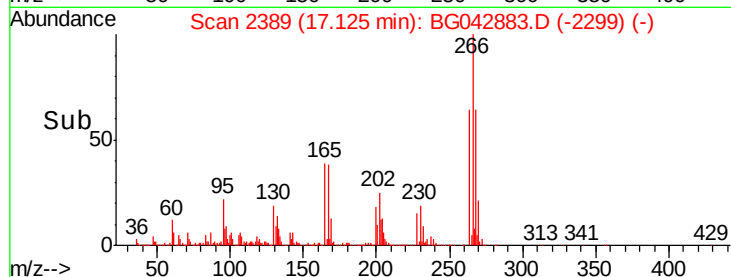
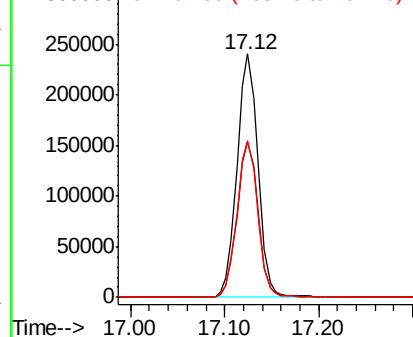
266 100

268 63.8 56.2 84.4

264 64.3 53.4 80.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#71

Phenanthrene

Concen: 48.655 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

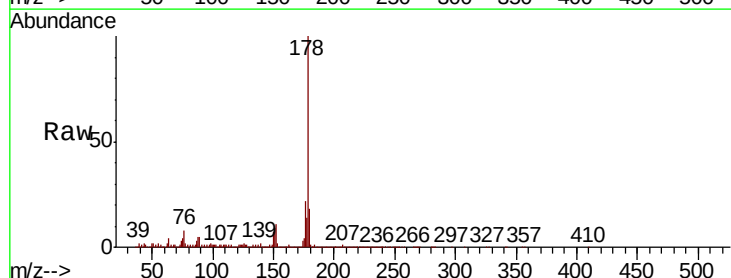
Tgt Ion:178 Resp: 985562

Ion Ratio Lower Upper

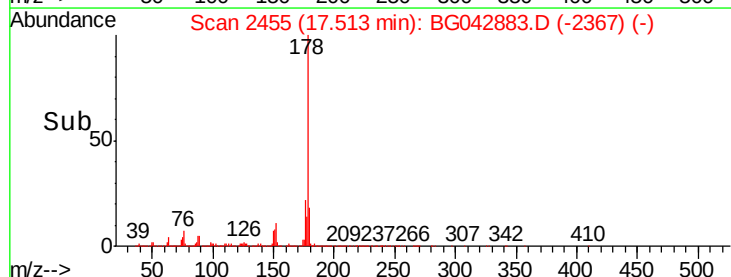
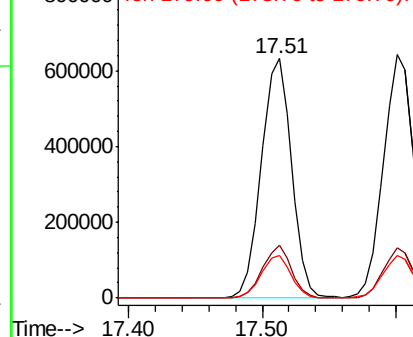
178 100

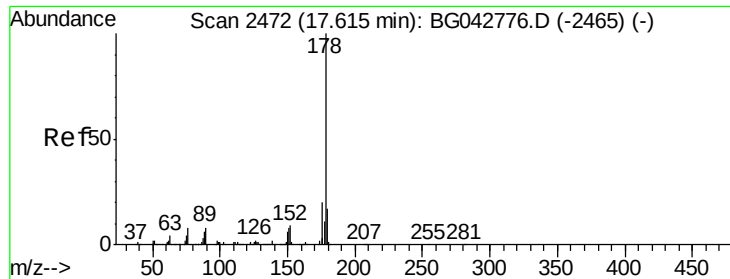
176 21.9 17.0 25.4

179 17.8 13.6 20.4



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: 49.361 ng

RT: 17.60 min Scan# 2470

Delta R.T. -0.01 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampleId :

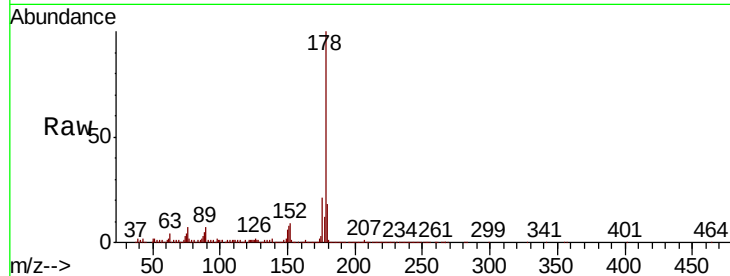
Tot Ion:178 Resp: 998924

Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.4

179 17.7 13.6 20.4



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

800000

600000

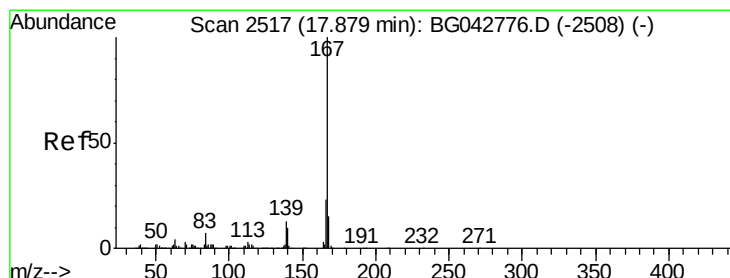
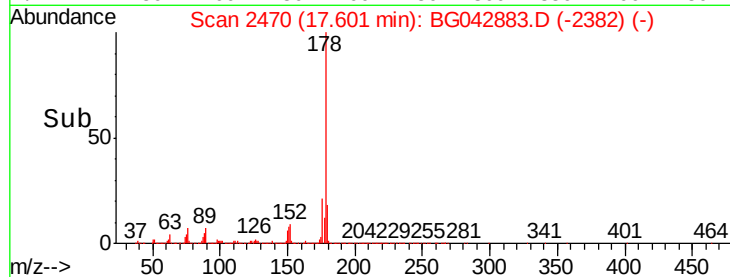
400000

200000

0

17.55 17.60 17.65

Time-->



#73

Carbazole

Concen: 46.842 ng

RT: 17.88 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

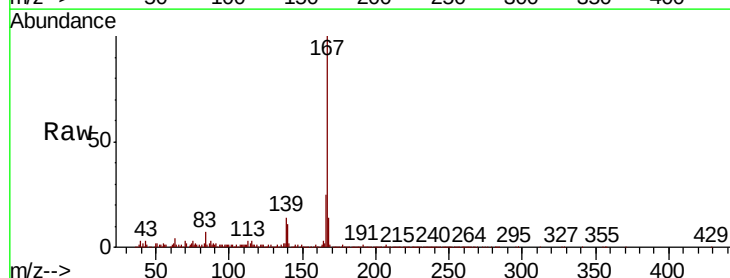
Tgt Ion:167 Resp: 900977

Ion Ratio Lower Upper

167 100

166 24.9 18.3 27.5

139 13.6 10.2 15.4



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

600000

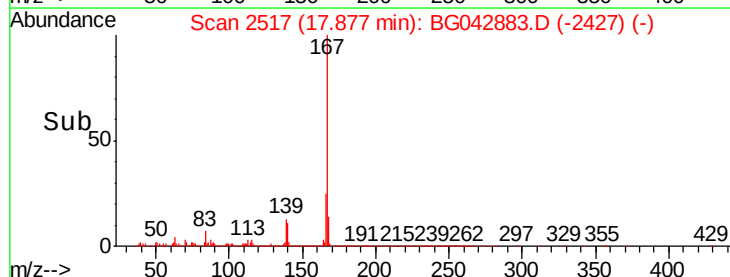
400000

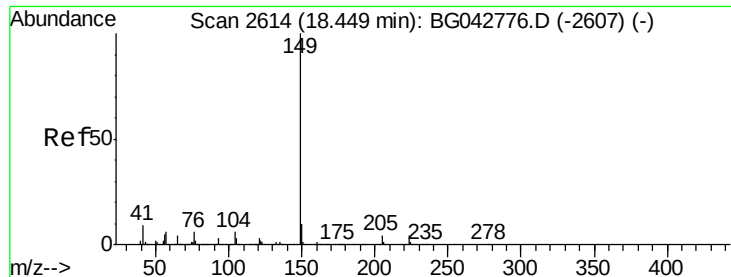
200000

0

17.80 17.90 18.00

Time-->





#74

Di-n-butylphthalate

Concen: 43.200 ng

RT: 18.43 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampled :

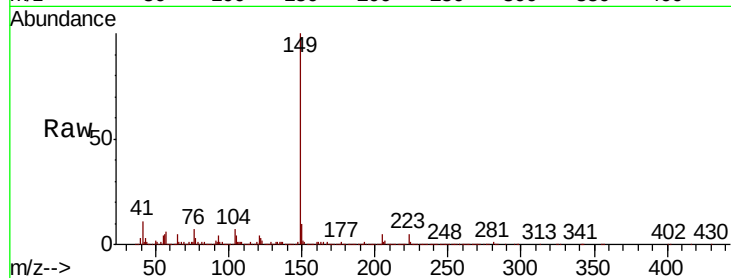
Tot Ion:149 Resp: 995366

Ion Ratio Lower Upper

149 100

150 10.4 8.0 12.0

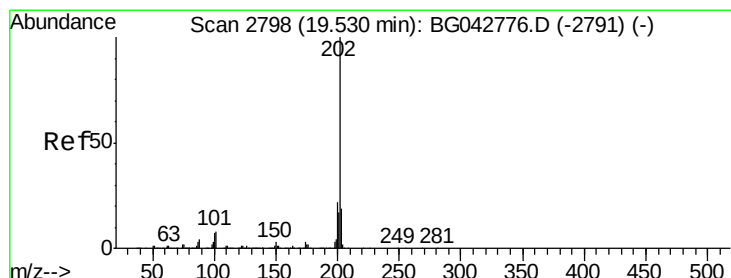
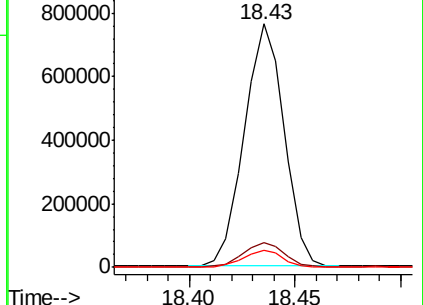
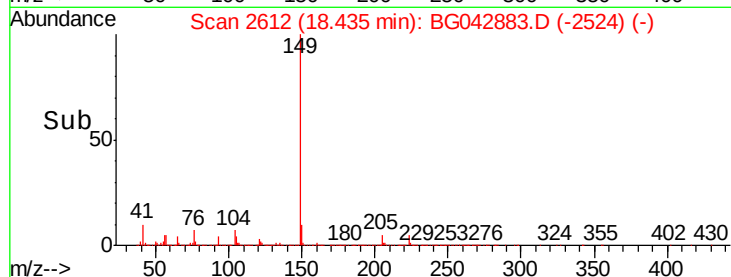
104 6.9 5.1 7.7



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: 45.132 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

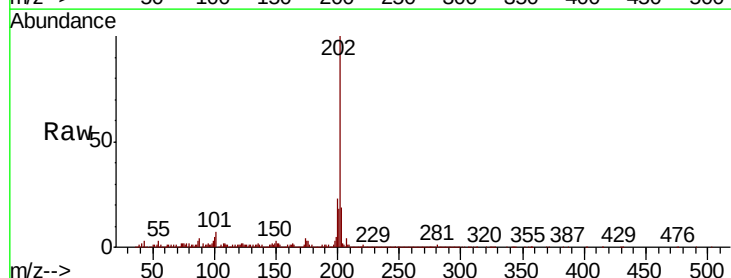
Tgt Ion:202 Resp: 1184837

Ion Ratio Lower Upper

202 100

101 6.8 0.0 27.8

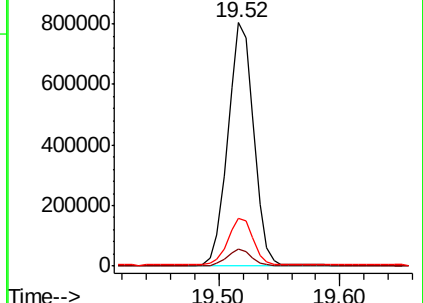
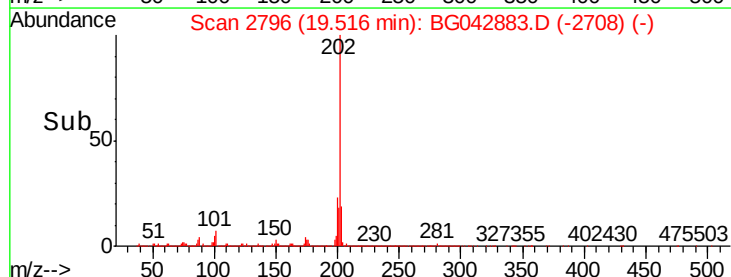
203 19.5 0.0 39.1

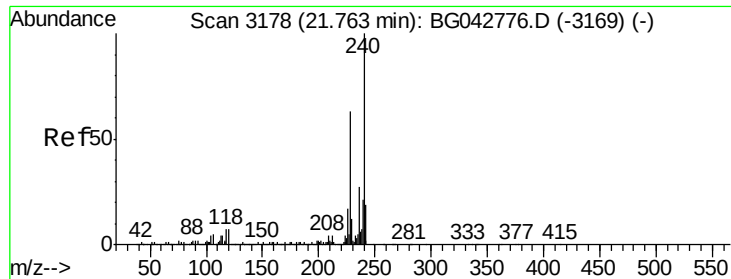


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

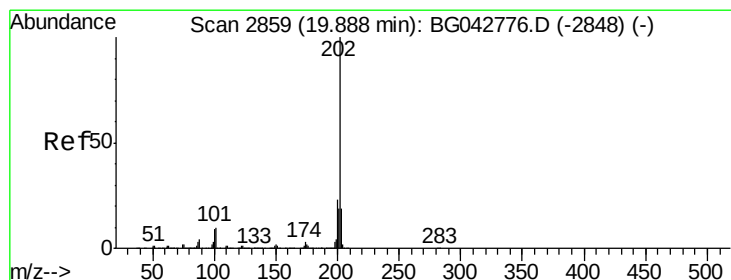
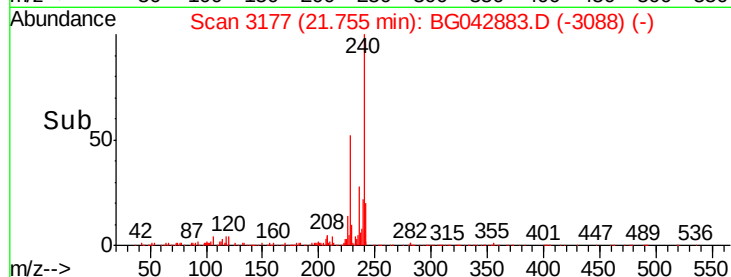
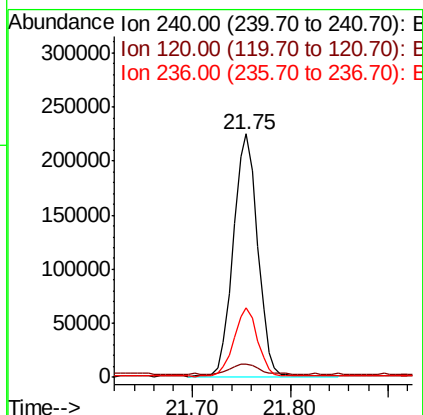
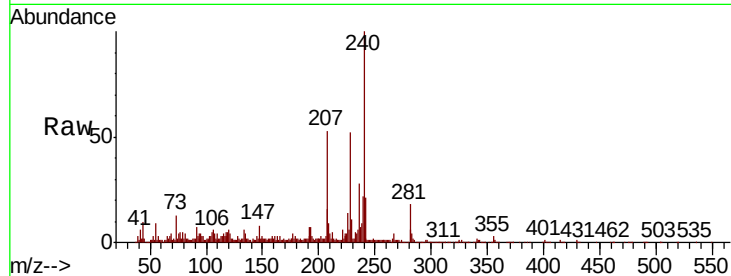




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

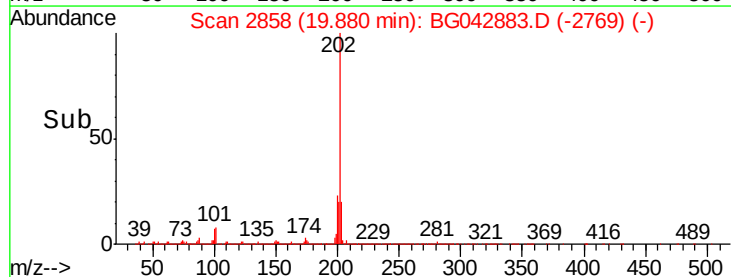
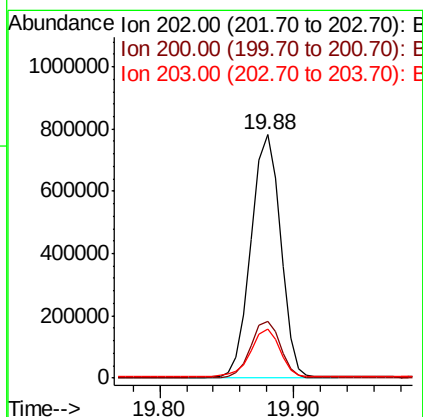
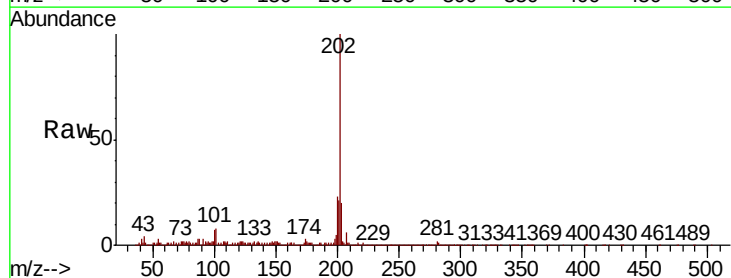
Instrument :
BNA_G
ClientSampleId :

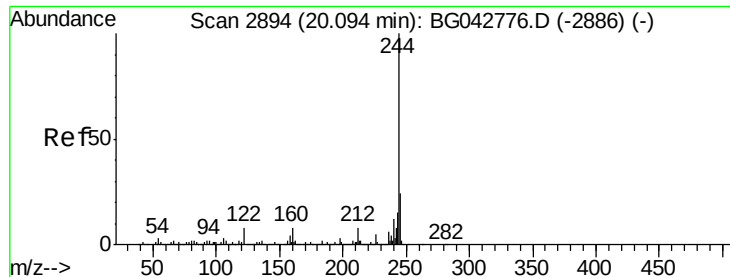
Tot Ion:240 Resp: 387250
Ion Ratio Lower Upper
240 100
120 5.6 5.4 8.2
236 28.5 21.7 32.5



#78
Pyrene
Concen: 49.141 ng
RT: 19.88 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG042883.D
Acq: 18 Sep 2019 1:07

Tgt Ion:202 Resp: 1191398
Ion Ratio Lower Upper
202 100
200 23.2 18.5 27.7
203 20.2 15.3 22.9





#79

Terphenyl-d14

Concen: 101.069 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

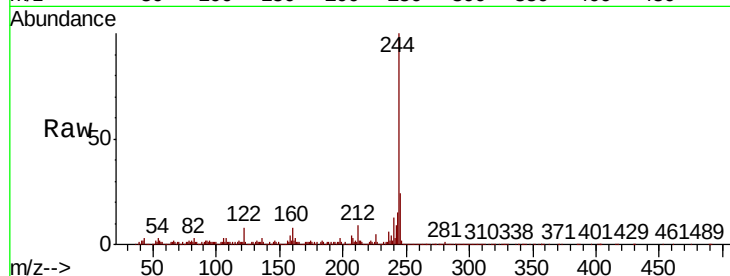
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1765969

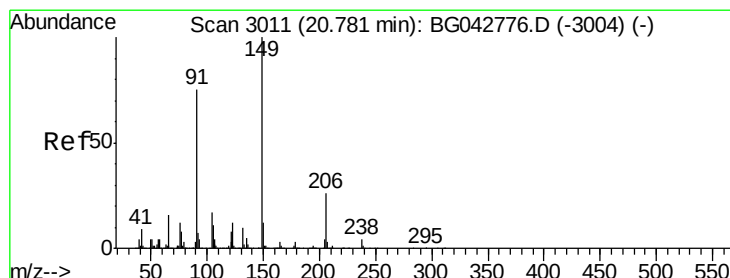
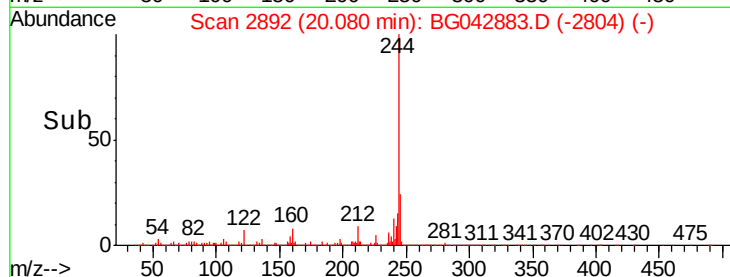
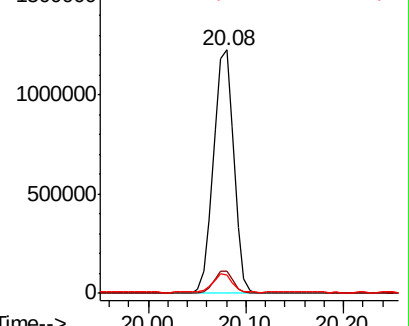
Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.6	10.0
122	7.6	6.2	9.4



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: 43.311 ng

RT: 20.77 min Scan# 3010

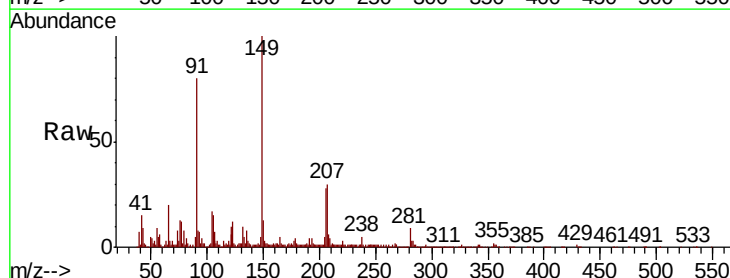
Delta R.T. -0.01 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Tgt Ion:149 Resp: 424964

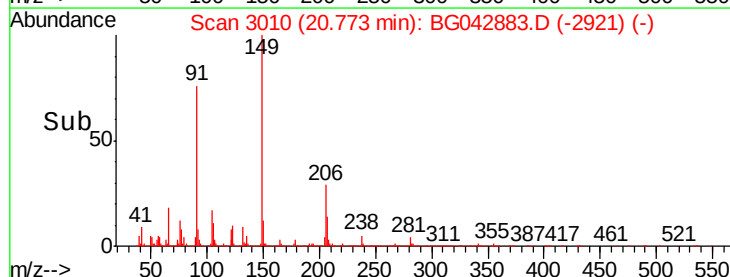
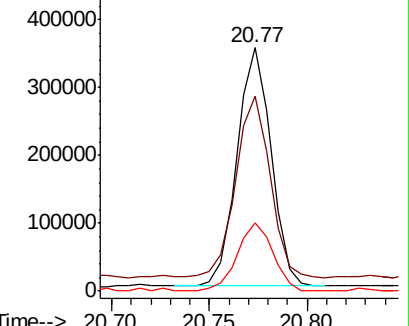
Ion	Ratio	Lower	Upper
149	100		
91	80.1	60.2	90.2
206	28.3	20.6	30.8

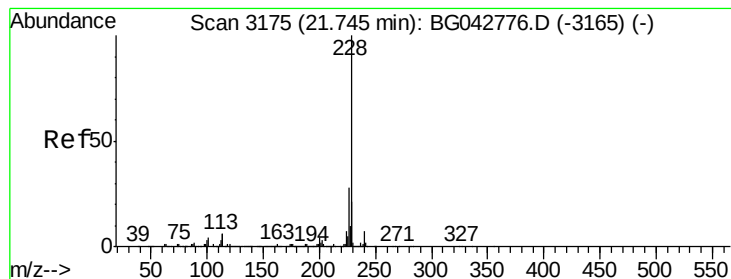


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.518 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

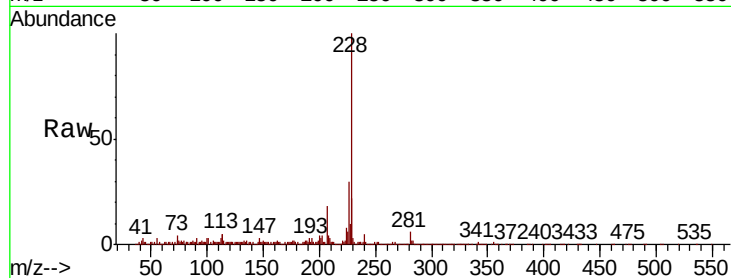
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1120745

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.5	33.7
229	22.2	17.2	25.8

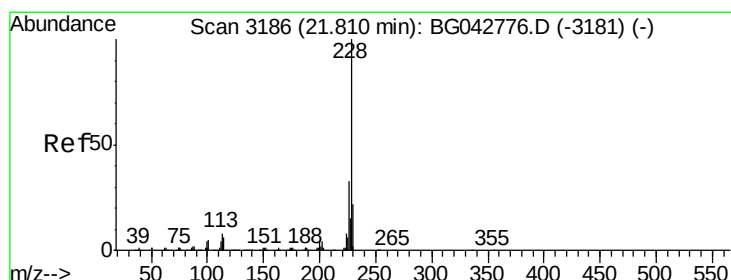
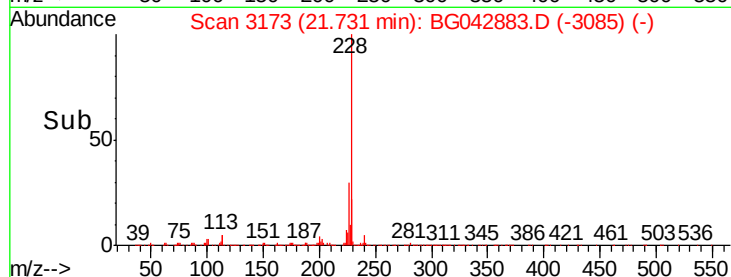
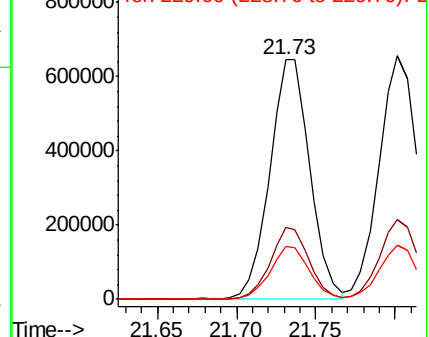


Abundance

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



#83

Chrysene

Concen: 46.696 ng

RT: 21.80 min Scan# 3185

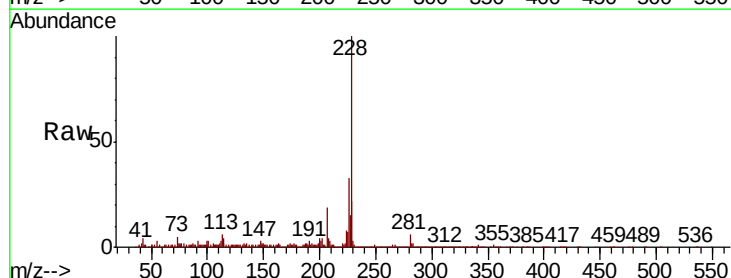
Delta R.T. -0.01 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Tgt Ion:228 Resp: 1089061

Ion	Ratio	Lower	Upper
228	100		
226	32.9	26.0	39.0
229	22.0	17.1	25.7

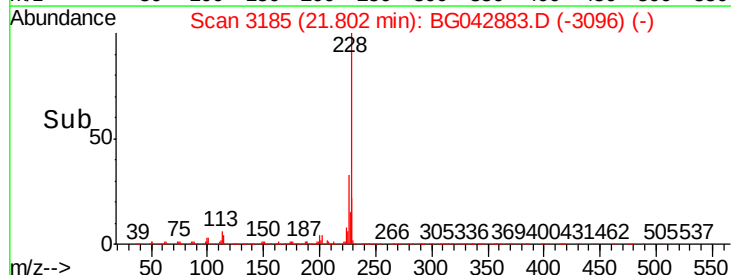
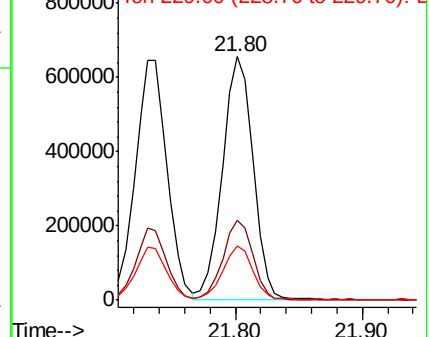


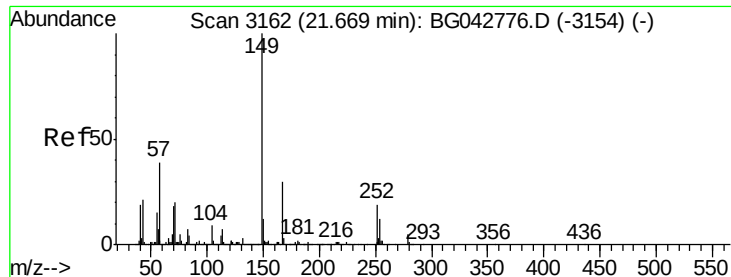
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 42.509 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampleId :

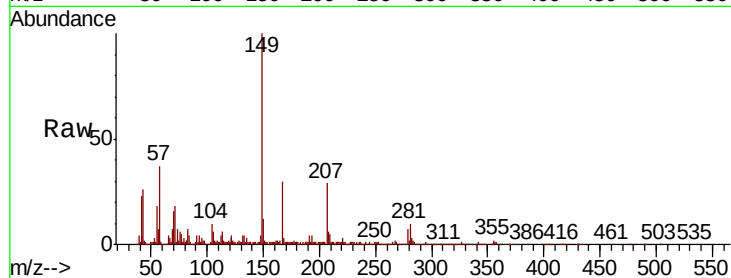
Tot Ion:149 Resp: 569903

Ion Ratio Lower Upper

149 100

167 30.4 24.3 36.5

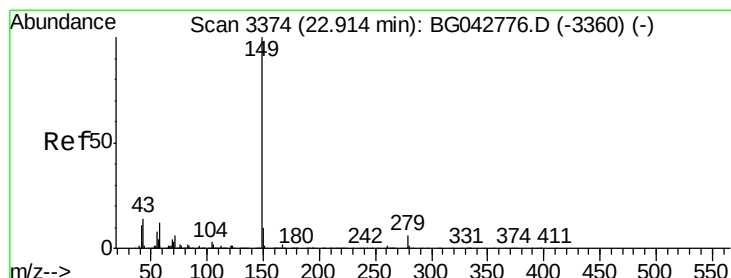
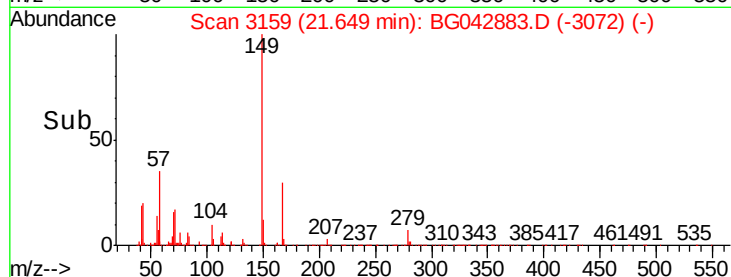
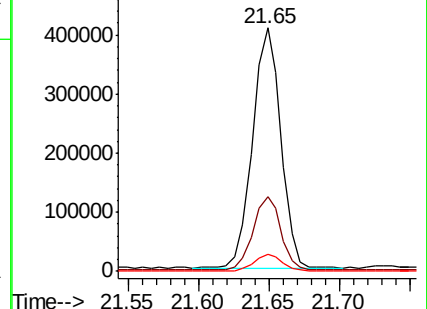
279 6.8 4.2 6.4#



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: 41.102 ng

RT: 22.88 min Scan# 3369

Delta R.T. -0.03 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

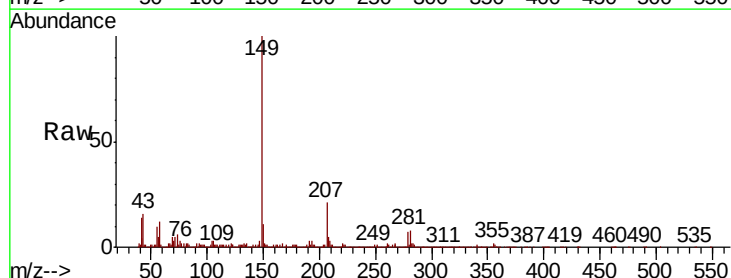
Tgt Ion:149 Resp: 939393

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

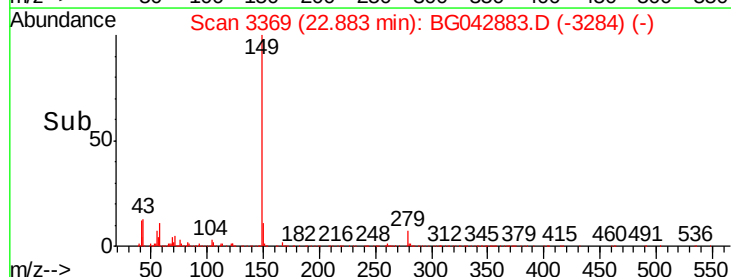
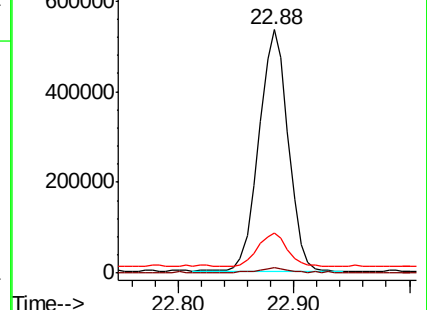
43 14.2 10.6 15.8

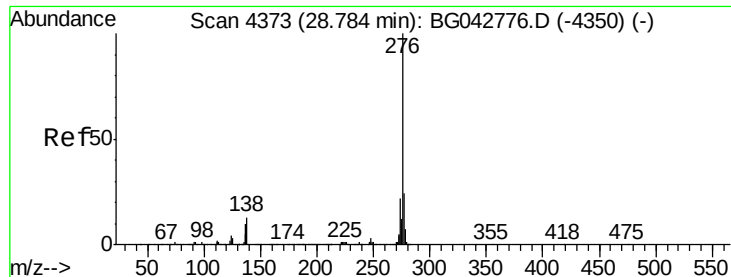


Abundance Ion 149.00 (148.70 to 149.70): E

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: 44.198 ng

RT: 28.76 min Scan# 4369

Delta R.T. -0.03 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampled :

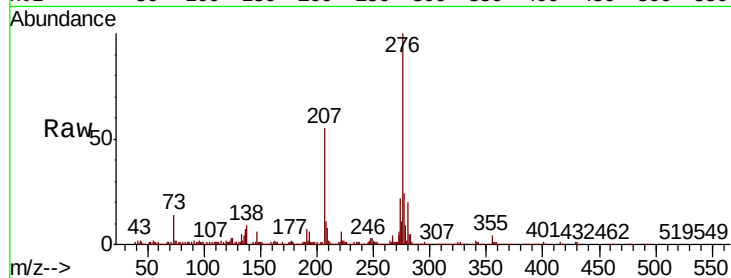
Tot Ion:276 Resp: 1276530

Ion Ratio Lower Upper

276 100

138 7.6 9.3 13.9#

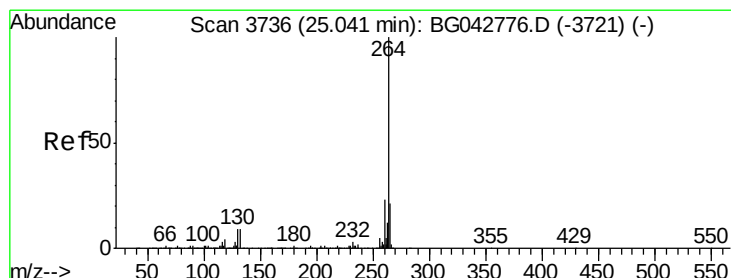
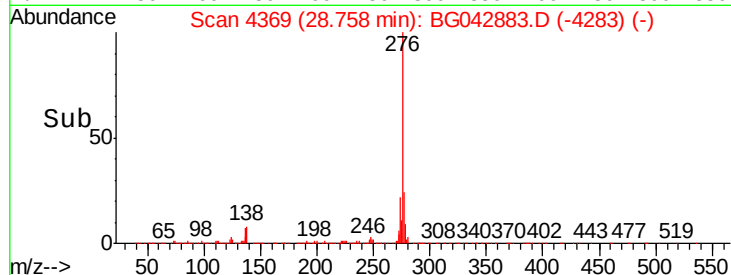
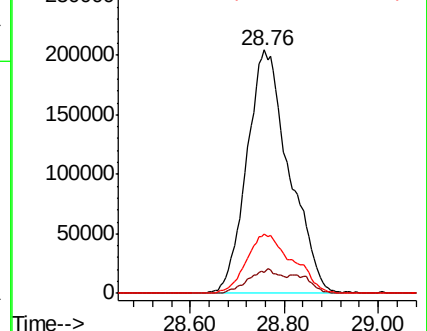
277 26.2 17.2 25.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

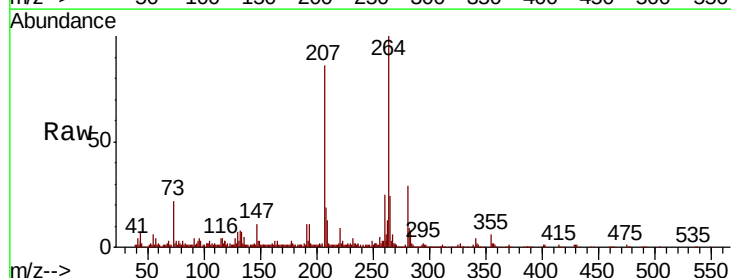
Tgt Ion:264 Resp: 404865

Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.2

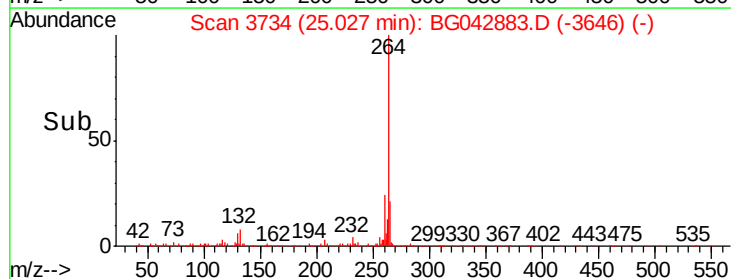
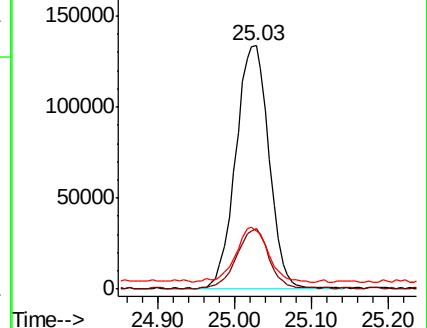
265 24.0 16.9 25.3

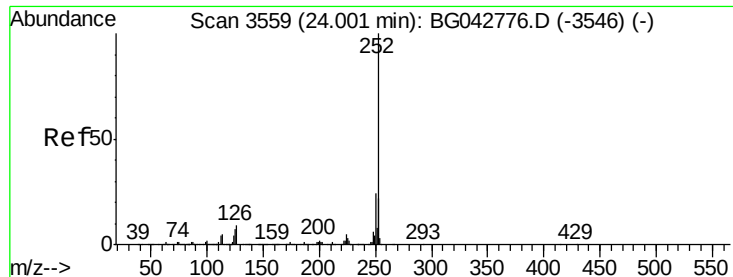


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 46.608 ng

RT: 23.99 min Scan# 3558

Delta R.T. -0.01 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampleId :

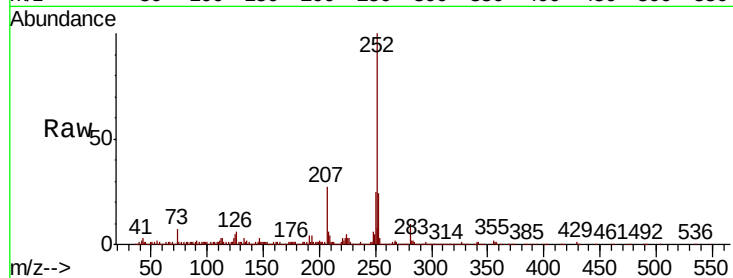
Tot Ion:252 Resp: 1107990

Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

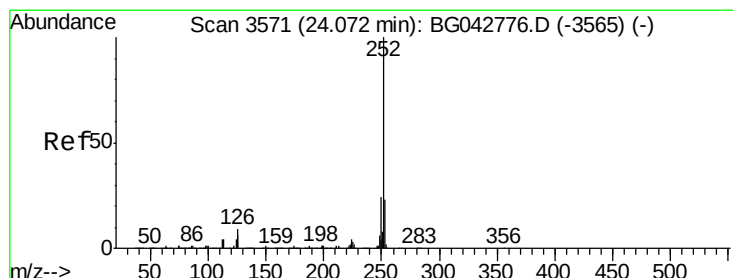
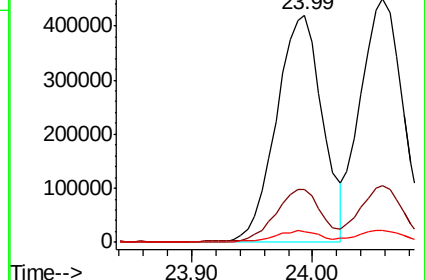
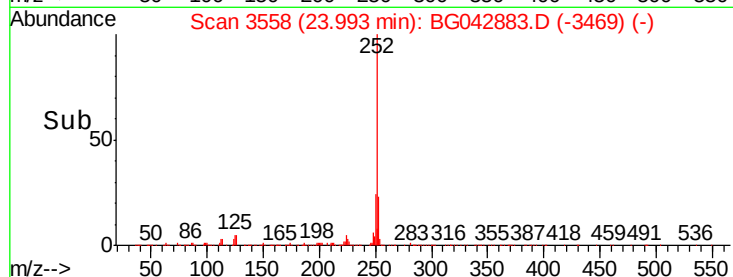
125 5.0 5.6 8.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 48.524 ng

RT: 24.06 min Scan# 3569

Delta R.T. -0.01 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

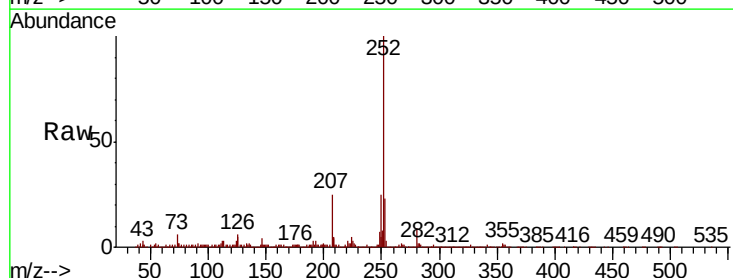
Tgt Ion:252 Resp: 1089674

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.4

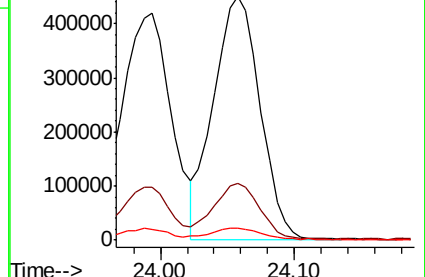
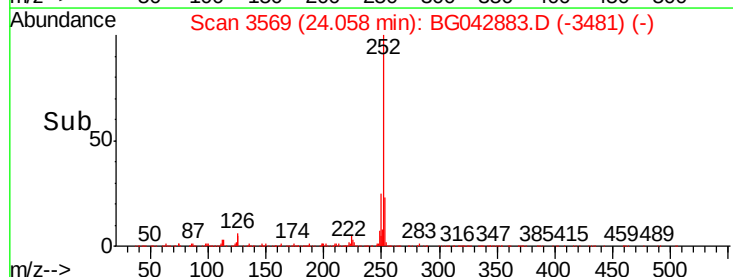
125 5.2 5.3 7.9#

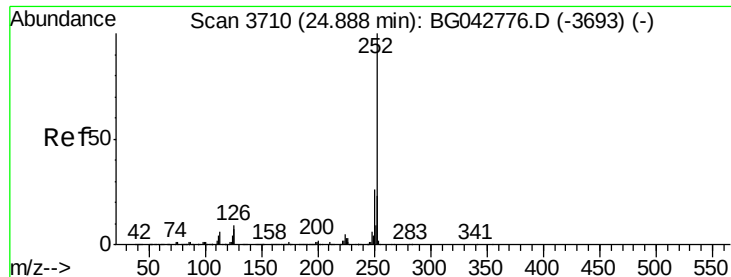


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 47.552 ng

RT: 24.87 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampled :

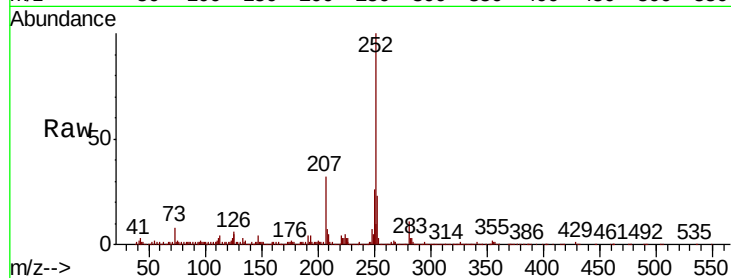
Tot Ion:252 Resp: 1058508

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

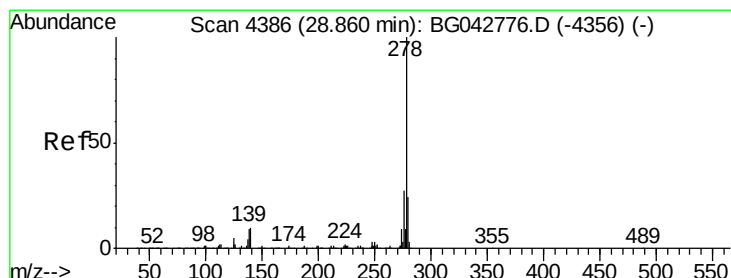
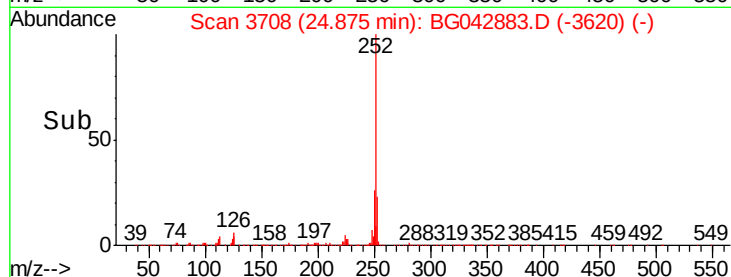
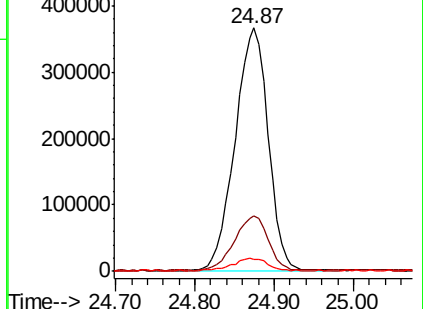
125 4.9 5.7 8.5#



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: 49.604 ng

RT: 28.83 min Scan# 4382

Delta R.T. -0.03 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

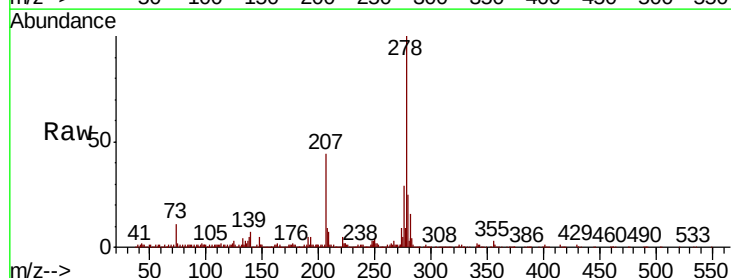
Tgt Ion:278 Resp: 1086002

Ion Ratio Lower Upper

278 100

139 7.5 8.2 12.2#

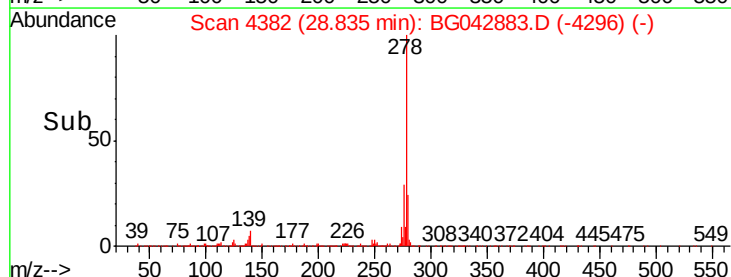
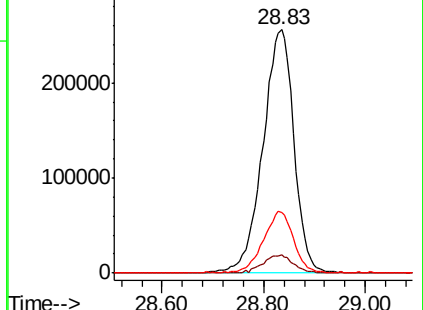
279 24.7 19.4 29.2

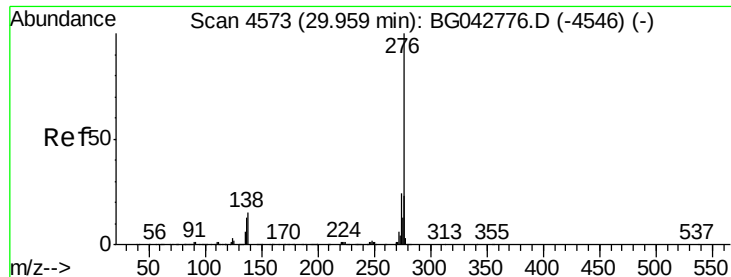


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 49.645 ng

RT: 29.93 min Scan# 4569

Delta R.T. -0.03 min

Lab File: BG042883.D

Acq: 18 Sep 2019 1:07

Instrument :

BNA_G

ClientSampleId :

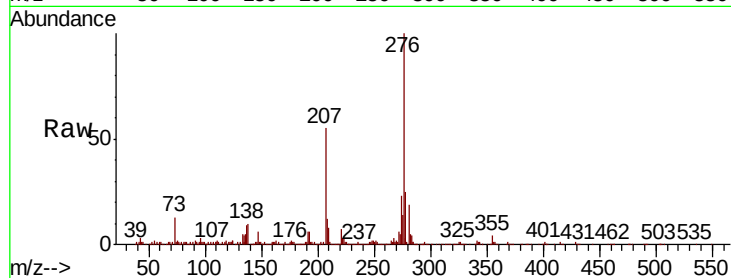
Tot Ion:276 Resp: 1060167

Ion Ratio Lower Upper

276 100

277 25.3 18.4 27.6

138 9.9 11.8 17.8#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

