

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG123019\
 Data File : BG043859.D
 Acq On : 30 Dec 2019 9:28
 Operator : JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 30 11:49:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 30 11:43:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	161607	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	711418	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	475498	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	990792	20.00	ng	0.00
76) Chrysene-d12	21.59	240	857750	20.00	ng	0.00
87) Perylene-d12	24.72	264	975530	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	190888	21.55	ng	0.00
7) Phenol-d6	7.12	99	274875	21.98	ng	0.00
23) Nitrobenzene-d5	9.12	82	266491	20.83	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	99141	19.79	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	643044	24.15	ng	0.00
79) Terphenyl-d14	19.95	244	934442	24.23	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	41080	10.763	ng	97
3) Pyridine	3.84	79	119865	10.510	ng	99
4) n-Nitrosodimethylamine	3.75	42	52363	10.372	ng	# 93
6) Aniline	7.28	93	173349	10.544	ng	99
8) 2-Chlorophenol	7.53	128	114385	11.024	ng	97
9) Benzaldehyde	7.10	77	95213	11.619	ng	95
10) Phenol	7.15	94	137743	10.688	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	118804	10.669	ng	97
12) 1,3-Dichlorobenzene	7.85	146	133321	11.001	ng	98
13) 1,4-Dichlorobenzene	8.00	146	129789	10.748	ng	99
14) 1,2-Dichlorobenzene	8.32	146	126030	10.885	ng	99
15) Benzyl Alcohol	8.19	79	99189	10.077	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	185593	10.737	ng	98
17) 2-Methylphenol	8.40	107	96837	10.369	ng	98
18) Hexachloroethane	9.05	117	48434	10.426	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	97423	10.432	ng	97
20) 3+4-Methylphenols	8.72	107	134967	10.432	ng	94
22) Acetophenone	8.78	105	185835	10.436	ng	97
24) Nitrobenzene	9.16	77	136201	10.396	ng	# 93
25) Isophorone	9.69	82	258112	10.305	ng	100
26) 2-Nitrophenol	9.88	139	52838	8.694	ng	95
27) 2,4-Dimethylphenol	9.93	122	92524	9.889	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	174883	10.494	ng	98
29) 2,4-Dichlorophenol	10.41	162	109696	9.831	ng	96
30) 1,2,4-Trichlorobenzene	10.63	180	129241	10.377	ng	98
31) Naphthalene	10.82	128	378054	10.969	ng	97
32) Benzoic acid	10.01	122	34899	4.797	ng	95
33) 4-Chloroaniline	10.92	127	167871	10.157	ng	99
34) Hexachlorobutadiene	11.11	225	77137	10.233	ng	98
35) Caprolactam	11.66	113	40904	9.813	ng	99
36) 4-Chloro-3-methylphenol	12.04	107	122340	10.179	ng	98
37) 2-Methylnaphthalene	12.42	142	284660	10.943	ng	96
38) 1-Methylnaphthalene	12.64	142	267354	10.828	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	142748	10.328	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	62991	8.535	ng	99
43) 2,4,6-Trichlorophenol	13.02	196	89752	9.382	ng	98
44) 2,4,5-Trichlorophenol	13.09	196	96463	9.843	ng	99
46) 1,1'-Biphenyl	13.43	154	377852	11.069	ng	98
47) 2-Chloronaphthalene	13.47	162	295551	10.738	ng	95
48) 2-Nitroaniline	13.66	65	84678	9.606	ng	95
49) Acenaphthylene	14.32	152	440721	11.045	ng	95
50) Dimethylphthalate	14.05	163	383722	11.294	ng	97
51) 2,6-Dinitrotoluene	14.16	165	76749	9.994	ng	99
52) Acenaphthene	14.66	154	285477	10.241	ng	99
53) 3-Nitroaniline	14.48	138	87278	10.051	ng	98
54) 2,4-Dinitrophenol	14.69	184	22867	6.725	ng	# 88
55) Dibenzofuran	14.99	168	442613	11.492	ng	94
56) 4-Nitrophenol	14.79	139	62963	9.455	ng	98
57) 2,4-Dinitrotoluene	14.94	165	103071	9.958	ng	92
58) Fluorene	15.64	166	350753	11.483	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.22	232	83847	9.797	ng	98
60) Diethylphthalate	15.42	149	387484	11.423	ng	97
61) 4-Chlorophenyl-phenylether	15.64	204	183168	11.152	ng	99
62) 4-Nitroaniline	15.64	138	92490	10.860	ng	95
63) Azobenzene	15.93	77	355329	11.274	ng	96
65) 4,6-Dinitro-2-methylphenol	15.71	198	34625	7.363	ng	97
66) n-Nitrosodiphenylamine	15.84	169	315075	10.815	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	113088	10.228	ng	98
68) Hexachlorobenzene	16.65	284	124048	10.357	ng	95
69) Atrazine	16.80	200	106267	11.123	ng	97
70) Pentachlorophenol	16.99	266	52968	8.077	ng	93
71) Phenanthrene	17.38	178	555313	11.681	ng	95
72) Anthracene	17.47	178	549953	11.684	ng	94
73) Carbazole	17.74	167	507231	11.783	ng	95
74) Di-n-butylphthalate	18.31	149	645838	12.475	ng	# 95
75) Fluoranthene	19.39	202	631262	12.313	ng	95
77) Benzidine	19.56	184	205313	8.968	ng	97
78) Pyrene	19.75	202	652363	12.102	ng	92
80) Butylbenzylphthalate	20.64	149	274468	10.435	ng	96
81) Benzo(a)anthracene	21.57	228	607529	11.428	ng	93
82) 3,3'-Dichlorobenzidine	21.49	252	219271	10.394	ng	98
83) Chrysene	21.63	228	579398	11.458	ng	93
84) Bis(2-ethylhexyl)phthalate	21.50	149	405573	11.108	ng	95
85) Di-n-octyl phthalate	22.69	149	673834	10.973	ng	99
86) Indeno(1,2,3-cd)pyrene	28.25	276	677959	9.838	ng	# 91
88) Benzo(b)fluoranthene	23.72	252	607079	10.600	ng	97
89) Benzo(k)fluoranthene	23.79	252	613665	11.170	ng	96
90) Benzo(a)pyrene	24.56	252	570671	10.530	ng	98
91) Dibenzo(a,h)anthracene	28.32	278	561591	10.244	ng	98
92) Benzo(g,h,i)perylene	29.36	276	549264	10.138	ng	99

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

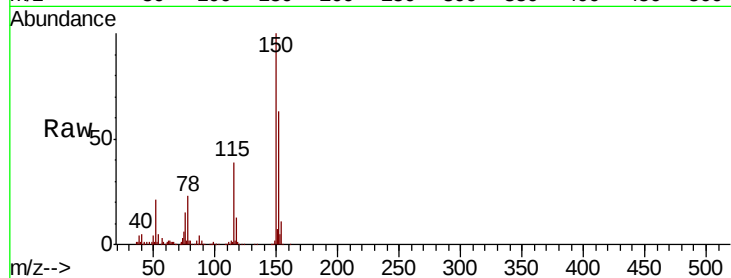


#1

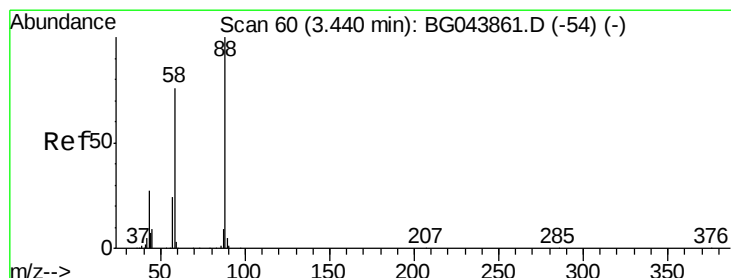
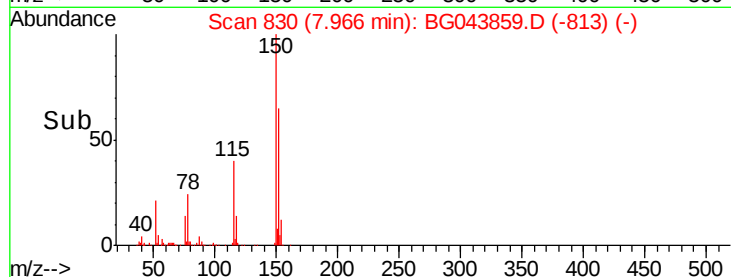
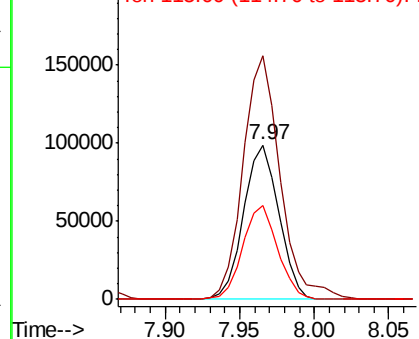
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	127.0	190.4
115	61.3	47.8	71.8



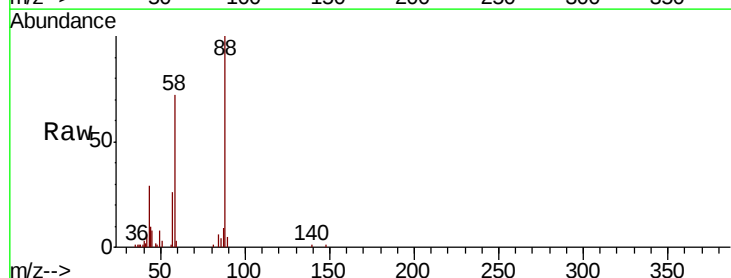
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



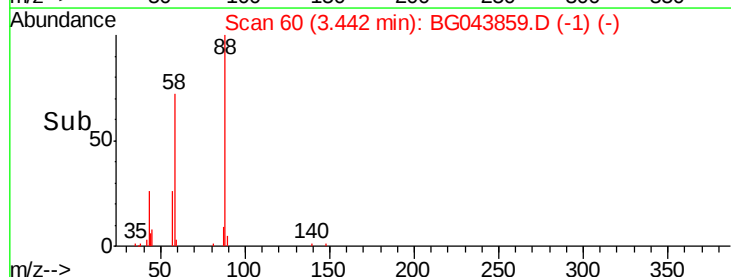
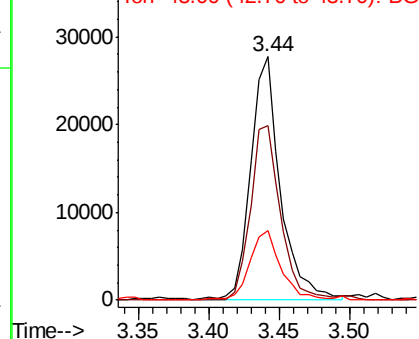
#2

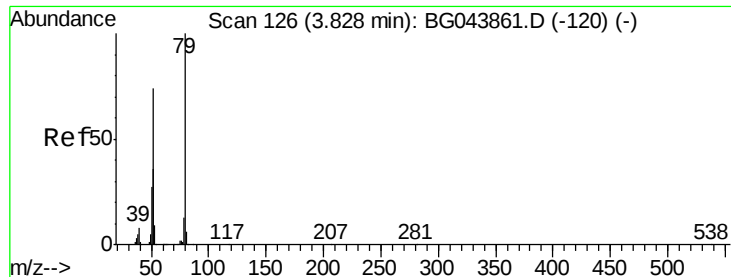
1,4-Dioxane
Concen: 10.763 ng
RT: 3.44 min Scan# 60
Delta R.T. 0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	59.8	89.8
43	30.5	22.9	34.3



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: 10.510 ng

RT: 3.84 min Scan# 127

Delta R.T. 0.01 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Instrument :

BNA_G

ClientSampleId :

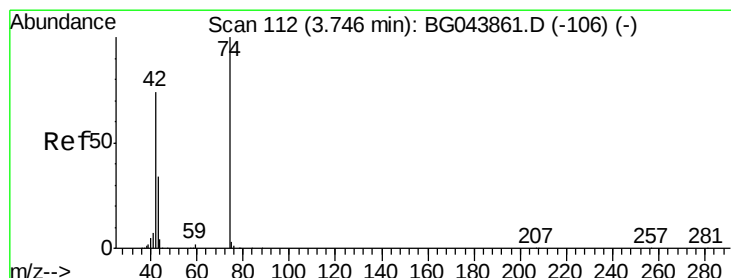
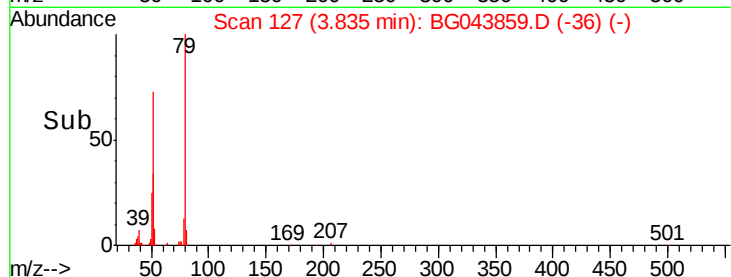
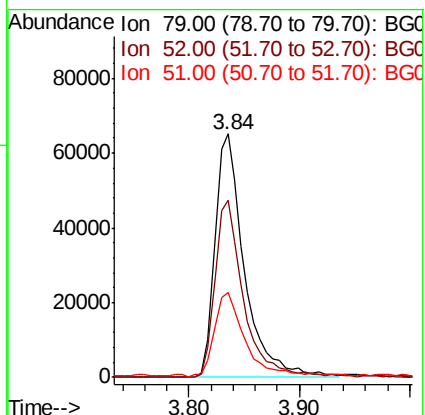
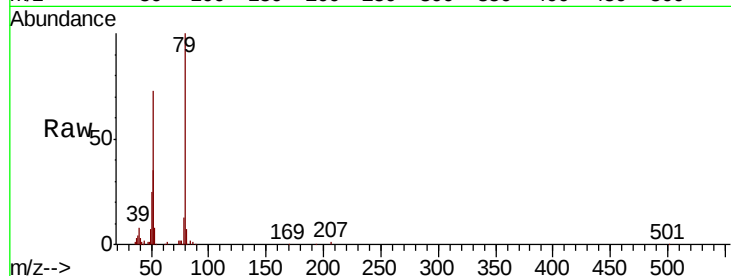
Tot Ion: 79 Resp: 119865

Ion Ratio Lower Upper

79 100

52 72.8 58.9 88.3

51 34.9 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 10.372 ng

RT: 3.75 min Scan# 112

Delta R.T. 0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

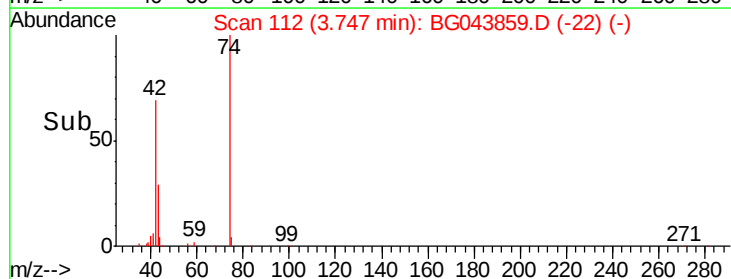
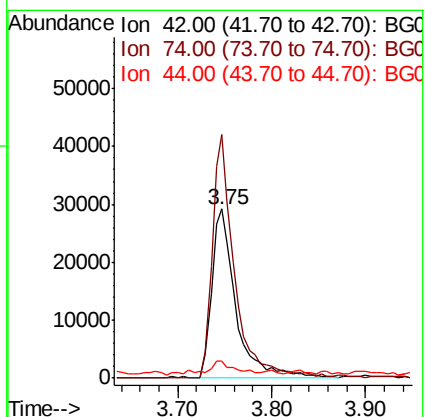
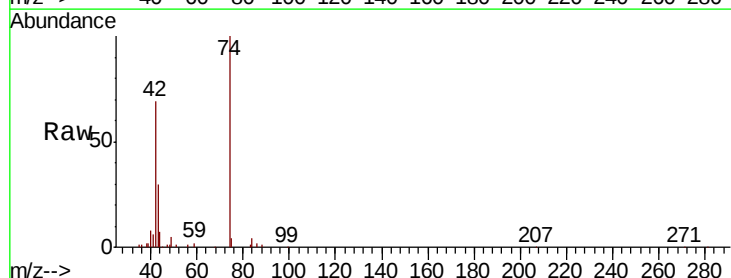
Tgt Ion: 42 Resp: 52363

Ion Ratio Lower Upper

42 100

74 144.0 108.6 162.8

44 10.1 5.0 7.6#





#5

2-Fluorophenol

Concen: 21.547 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Instrument :

BNA_G

ClientSampleId :

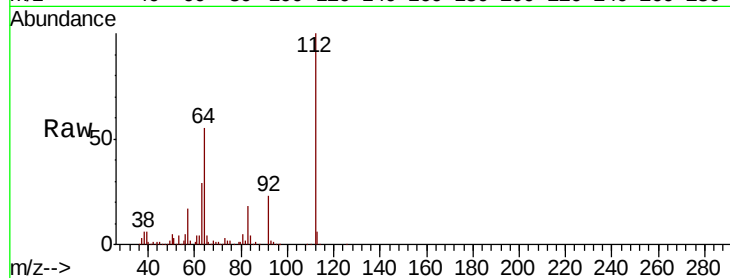
Tot Ion: 112 Resp: 190888

Ion Ratio Lower Upper

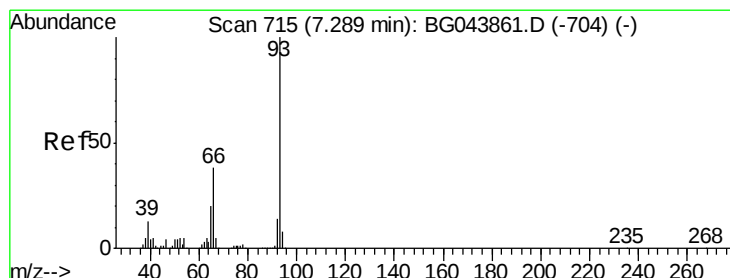
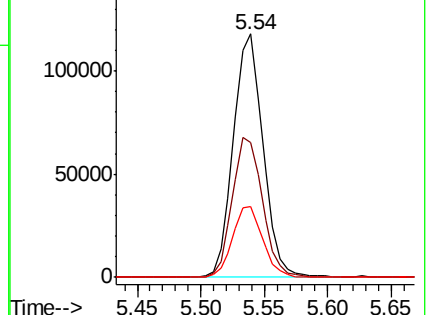
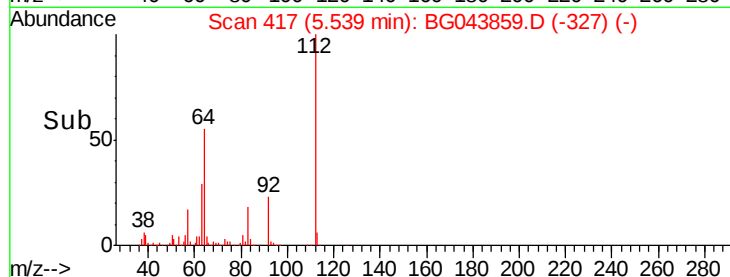
112 100

64 55.3 47.8 71.6

63 29.1 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 10.544 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

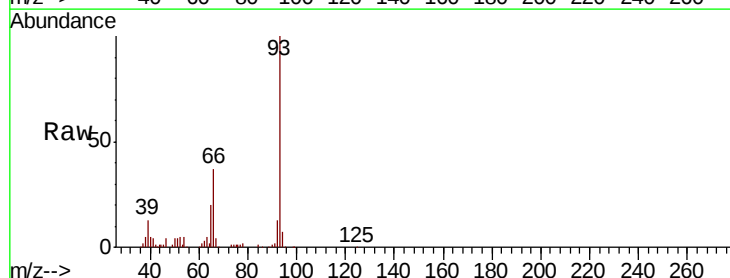
Tgt Ion: 93 Resp: 173349

Ion Ratio Lower Upper

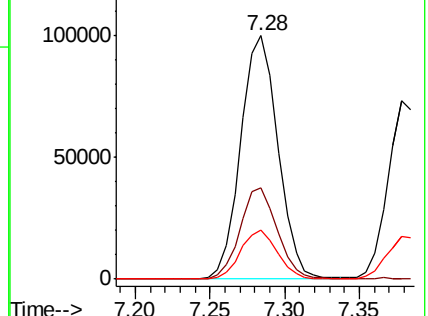
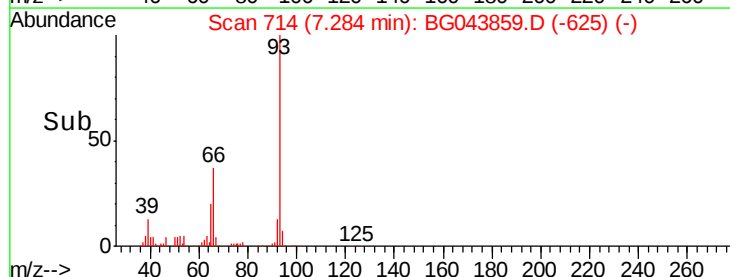
93 100

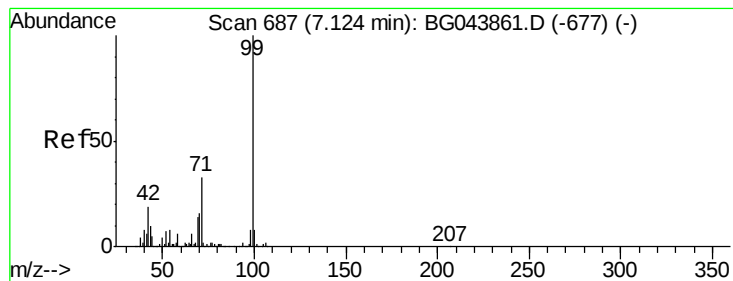
66 37.4 30.8 46.2

65 20.2 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 21.982 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Instrument :

BNA_G

ClientSampleId :

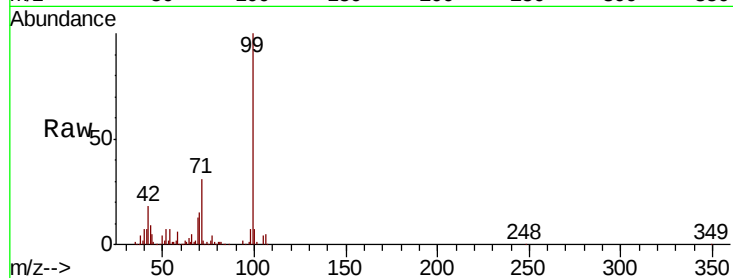
Tot Ion: 99 Resp: 274875

Ion Ratio Lower Upper

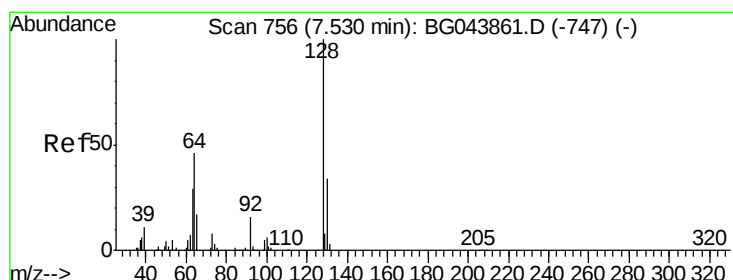
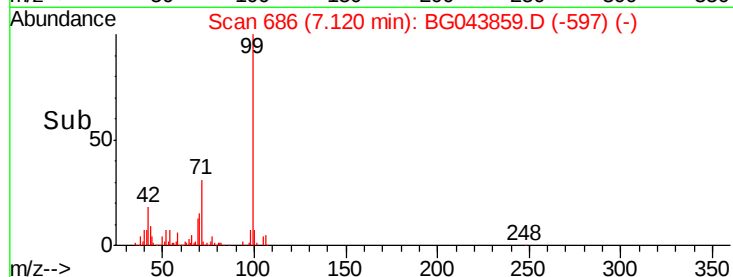
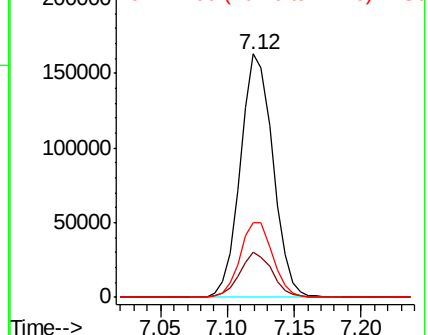
99 100

42 18.3 14.9 22.3

71 30.7 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 11.024 ng

RT: 7.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

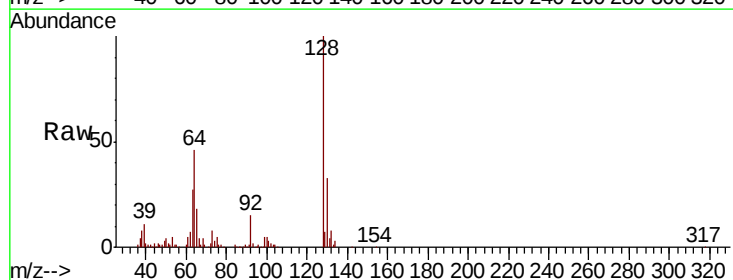
Tgt Ion: 128 Resp: 114385

Ion Ratio Lower Upper

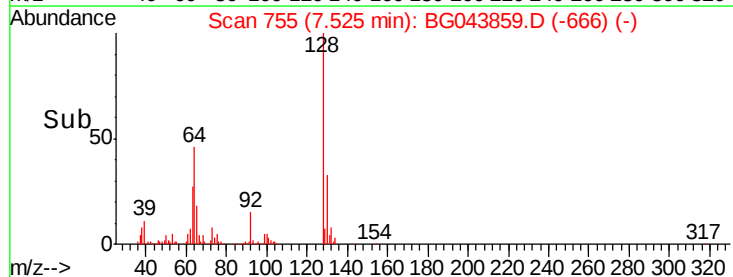
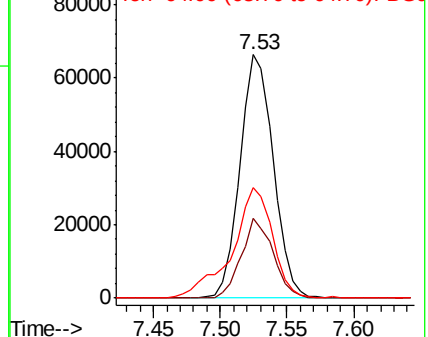
128 100

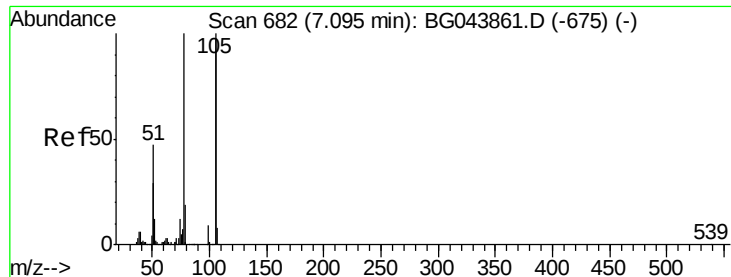
130 32.5 13.8 53.8

64 45.6 27.6 67.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 11.619 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Instrument :

BNA_G

ClientSampleId :

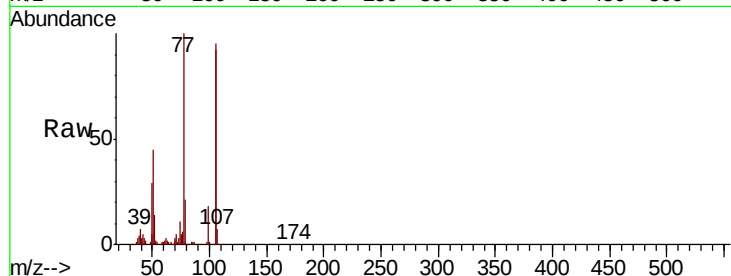
Tot Ion: 77 Resp: 95213

Ion Ratio Lower Upper

77 100

105 95.0 80.2 120.2

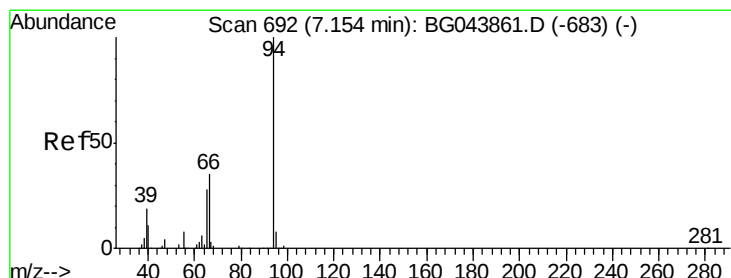
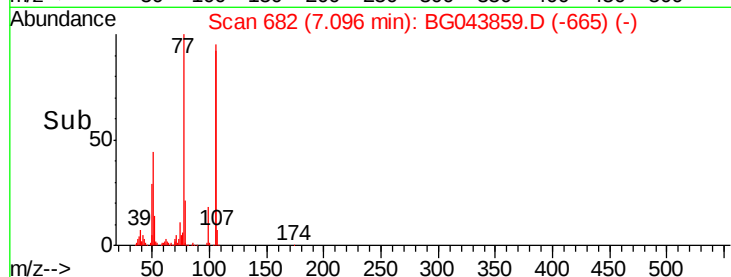
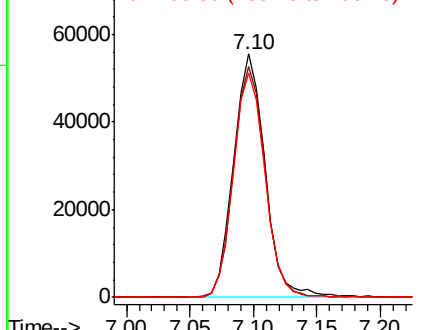
106 92.2 77.2 117.2



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: 10.688 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

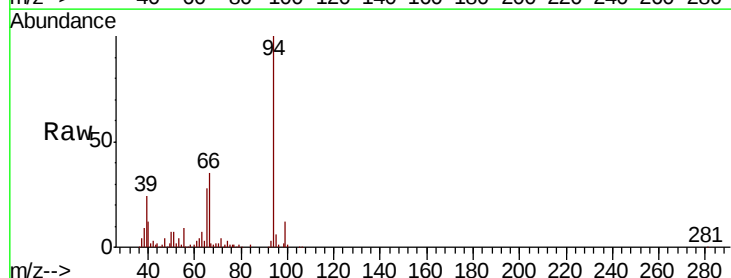
Tgt Ion: 94 Resp: 137743

Ion Ratio Lower Upper

94 100

65 27.8 8.1 48.1

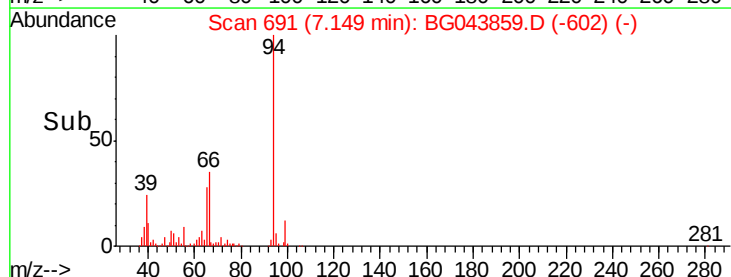
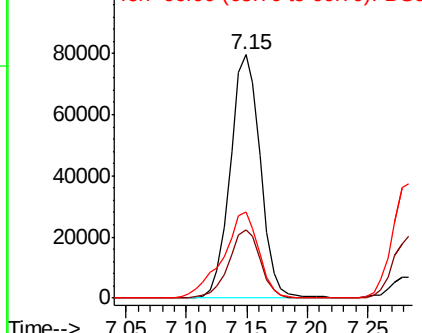
66 35.2 15.6 55.6



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

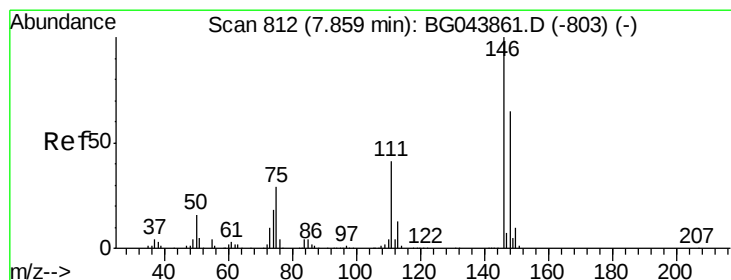
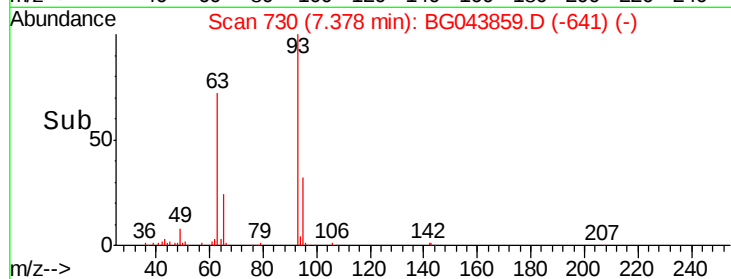
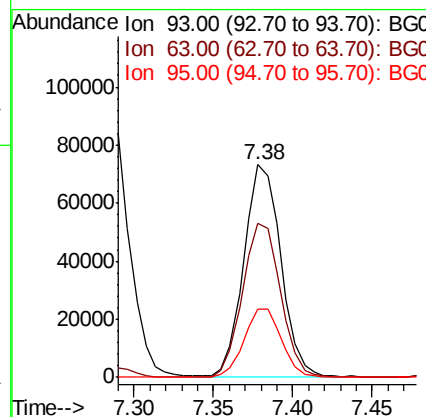
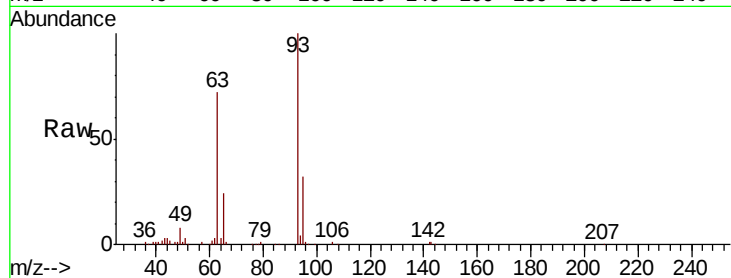




#11
bis(2-Chloroethyl)ether
Concen: 10.669 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

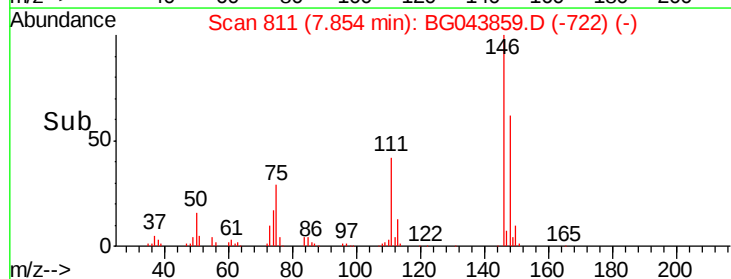
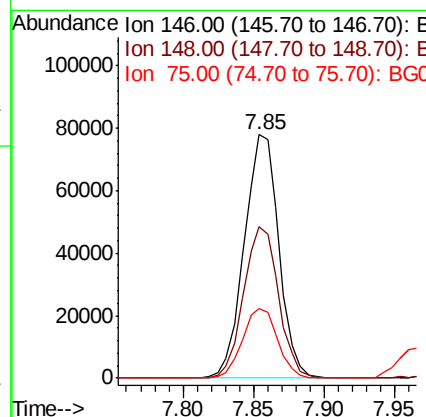
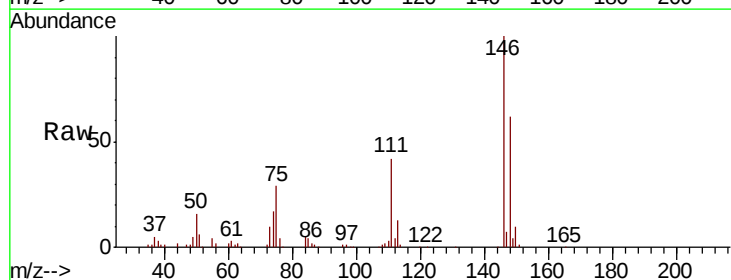
Instrument :
BNA_G
ClientSampleId :

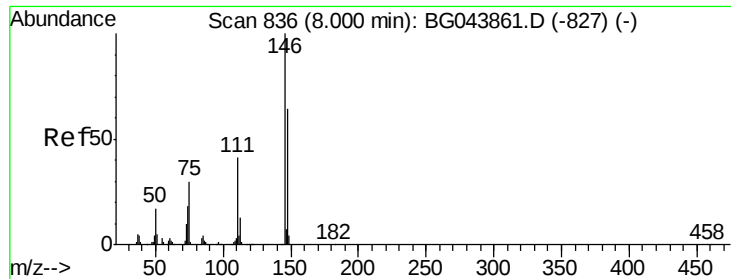
Tot Ion: 93 Resp: 118804
Ion Ratio Lower Upper
93 100
63 72.3 55.0 95.0
95 32.3 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 11.001 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

Tgt Ion: 146 Resp: 133321
Ion Ratio Lower Upper
146 100
148 62.4 52.1 78.1
75 28.7 23.0 34.4

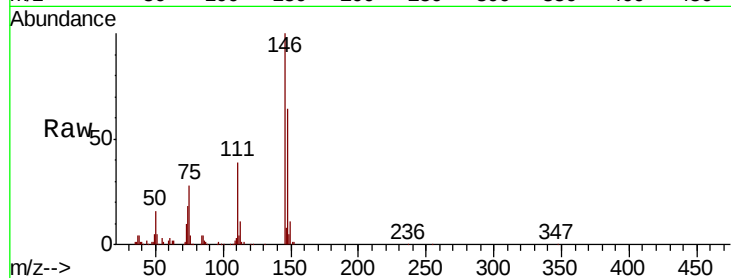




#13
 1,4-Dichlorobenzene
 Concen: 10.748 ng
 RT: 8.00 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BG043859.D
 Acq: 30 Dec 2019 9:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.2	76.8
111	39.2	33.1	49.7

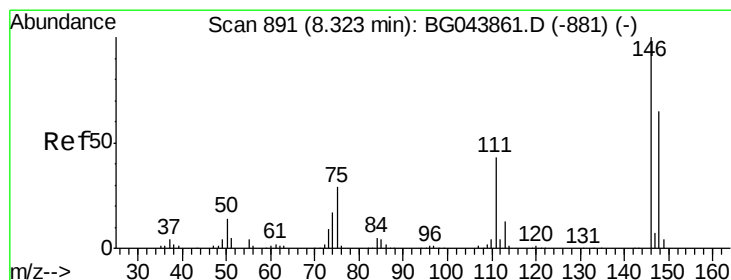
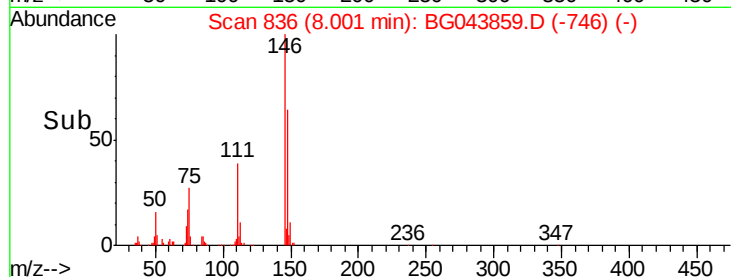
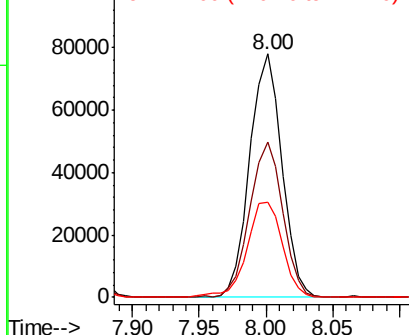


Abundance

Ion 146.00 (145.70 to 146.70): E

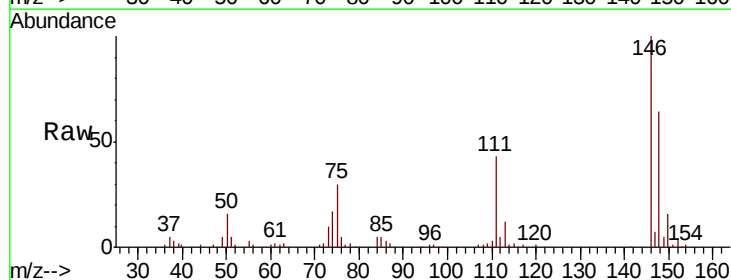
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 10.885 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG043859.D
 Acq: 30 Dec 2019 9:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.7	77.5
111	43.3	34.4	51.6

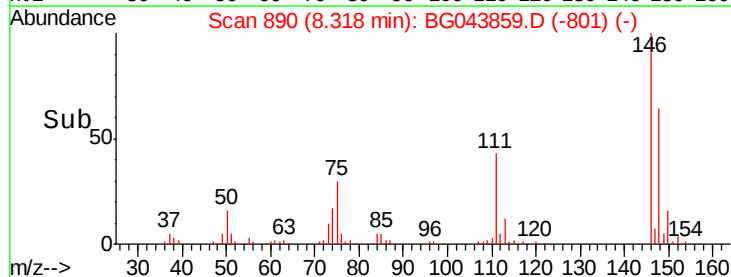
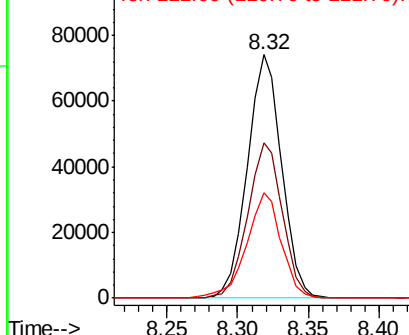


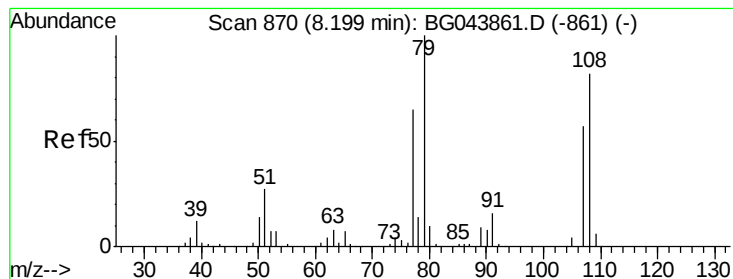
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 10.077 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Instrument :

BNA_G

ClientSampleId :

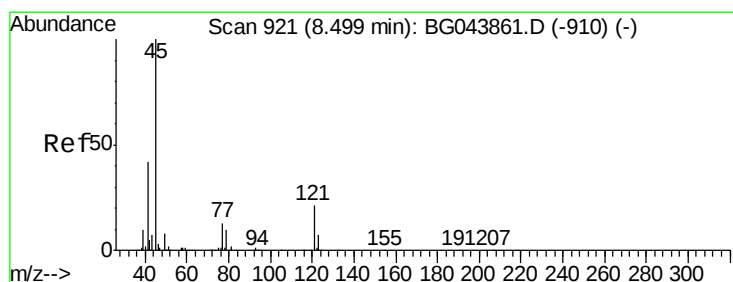
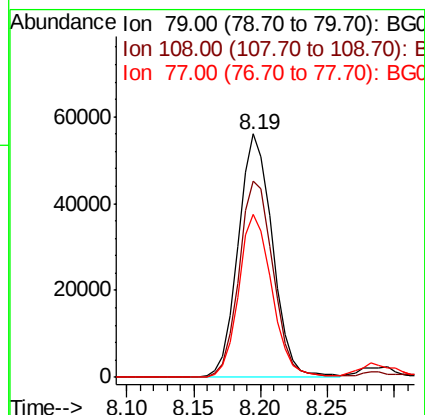
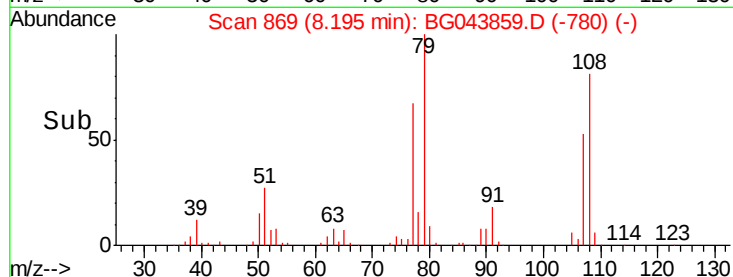
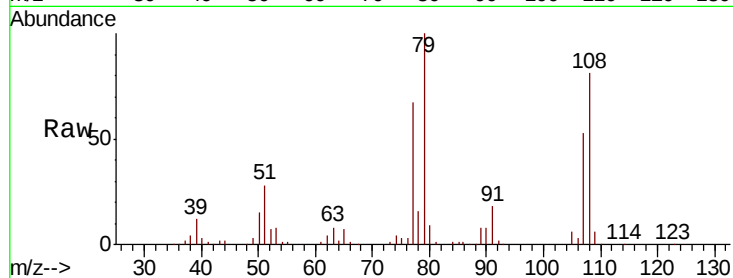
Tot Ion: 79 Resp: 99189

Ion Ratio Lower Upper

79 100

108 80.6 65.6 98.4

77 66.7 52.0 78.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 10.737 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

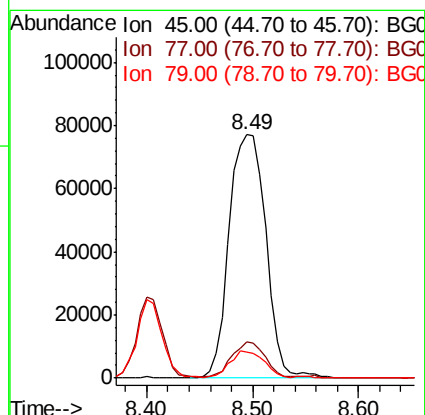
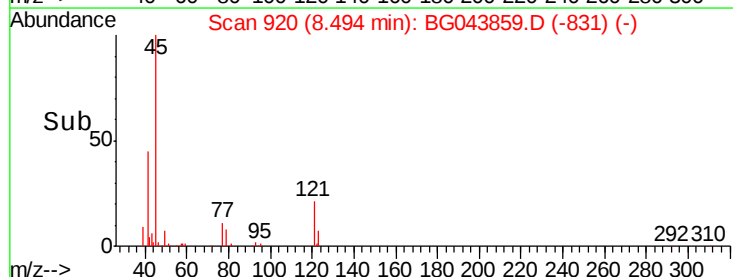
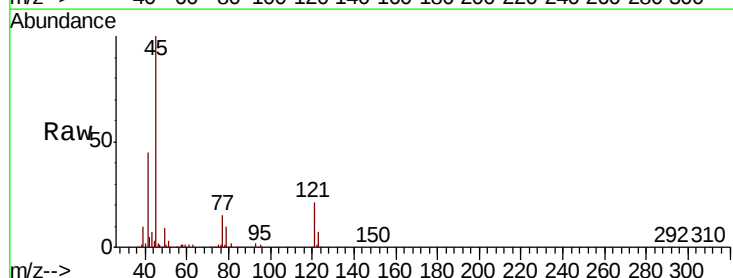
Tgt Ion: 45 Resp: 185593

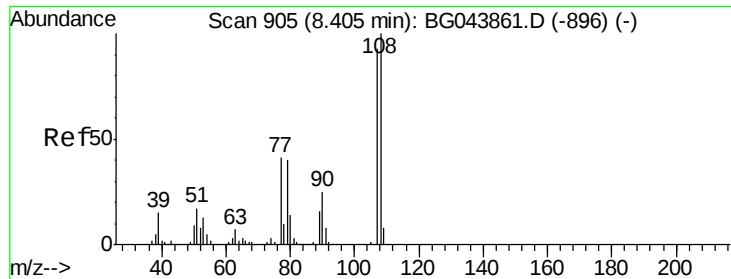
Ion Ratio Lower Upper

45 100

77 15.0 0.0 33.8

79 10.5 0.0 31.0





#17

2-Methylphenol

Concen: 10.369 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG043859.D

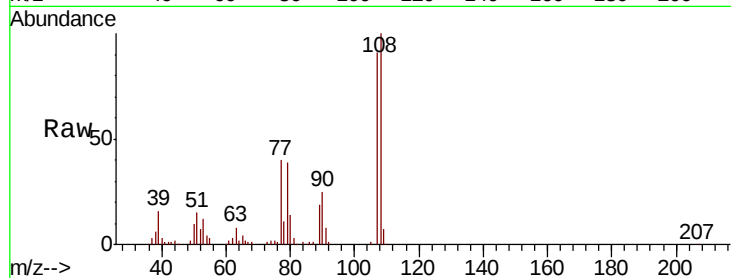
Acq: 30 Dec 2019 9:28

Instrument :

BNA_G

ClientSampled :

Tot Ion:	107	Resp:	96837
Ion	Ratio	Lower	Upper
107	100		
108	110.3	86.1	129.1
77	44.4	35.4	53.0
79	43.2	34.8	52.2



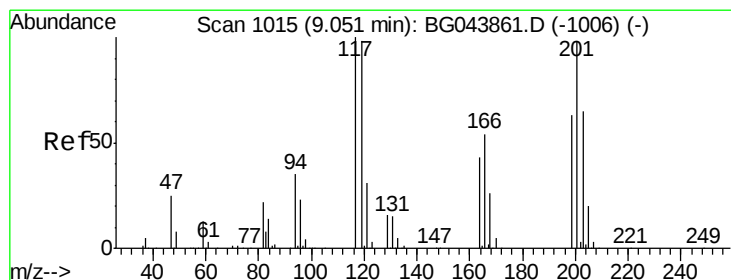
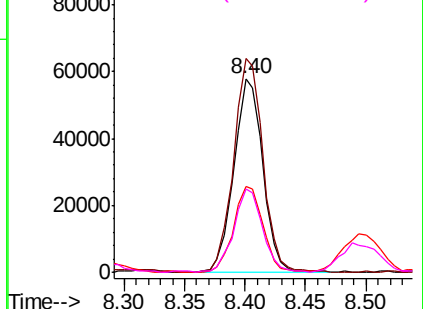
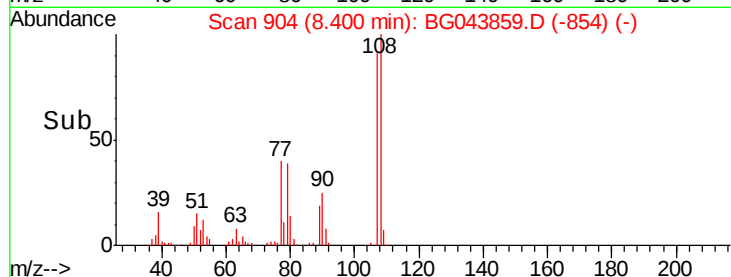
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 10.426 ng

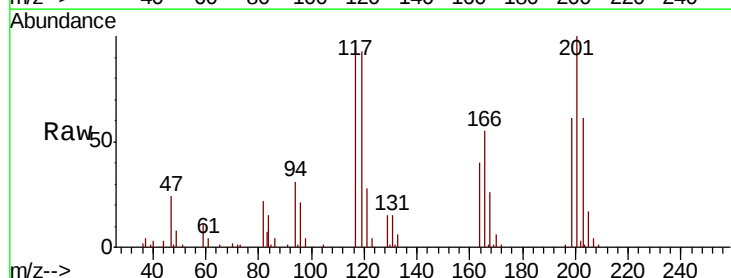
RT: 9.05 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Tgt Ion:	117	Resp:	48434
Ion	Ratio	Lower	Upper
117	100		
119	97.9	78.1	117.1
201	104.9	78.6	117.8

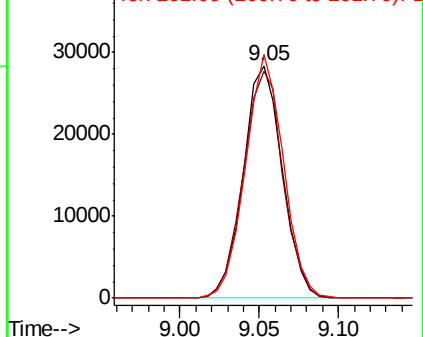
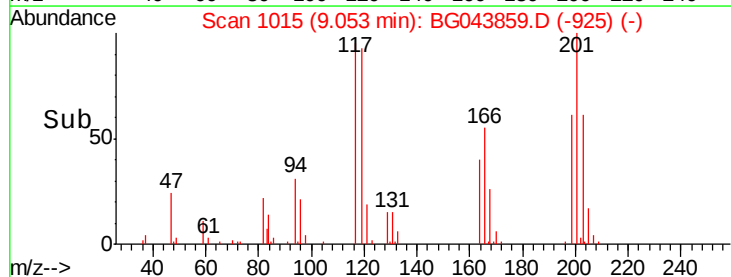


Abundance

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: 10.432 ng

RT: 8.76 min Scan# 966

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 97423

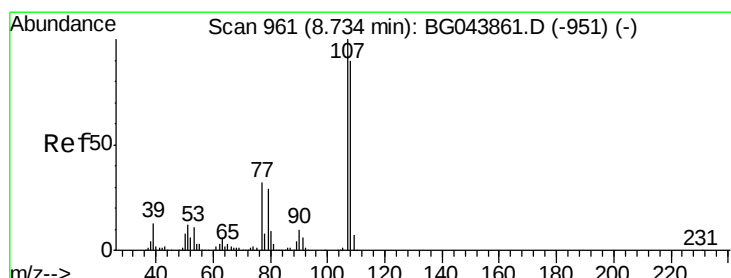
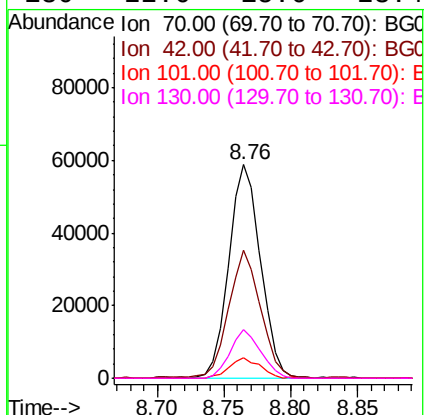
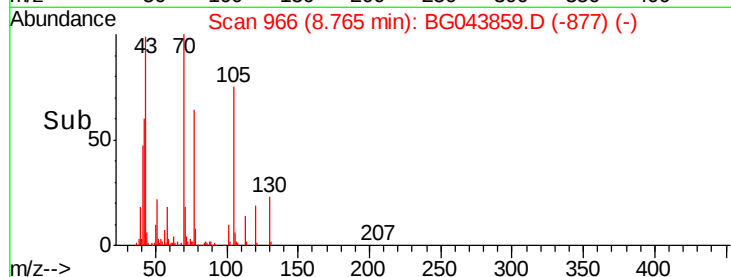
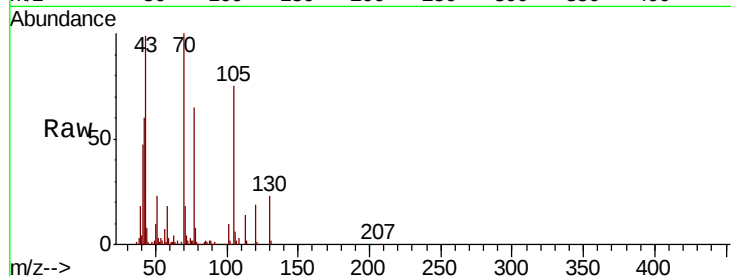
Ion Ratio Lower Upper

70 100

42 59.8 47.0 70.4

101 9.6 7.2 10.8

130 22.6 15.6 23.4



#20

3+4-Methylphenols

Concen: 10.432 ng

RT: 8.72 min Scan# 959

Delta R.T. -0.01 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Tgt Ion: 107 Resp: 134967

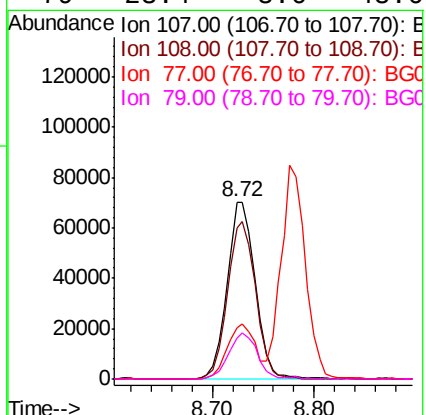
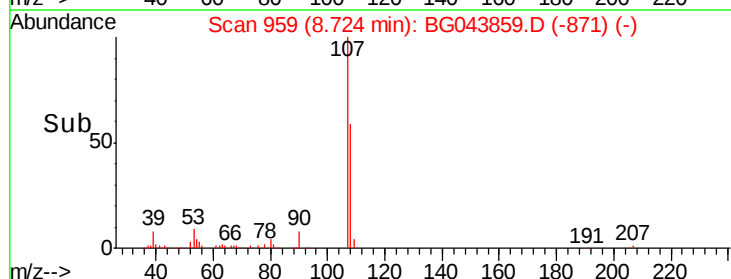
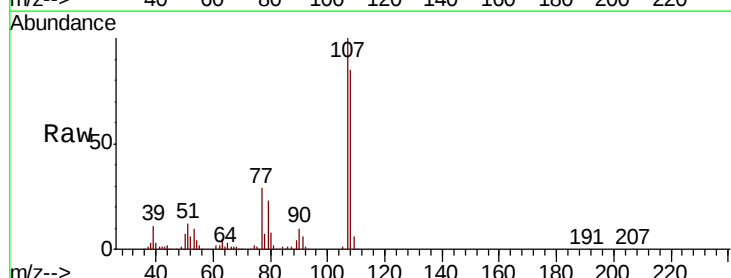
Ion Ratio Lower Upper

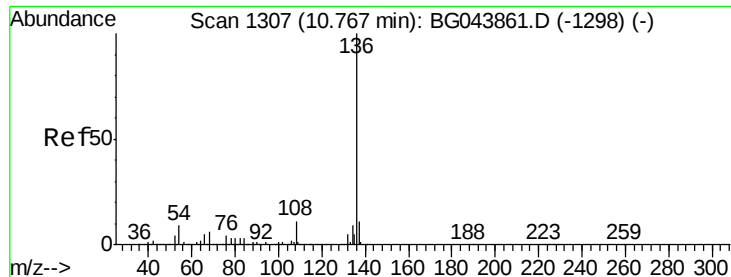
107 100

108 85.2 70.3 110.3

77 29.1 12.4 52.4

79 23.4 8.6 48.6

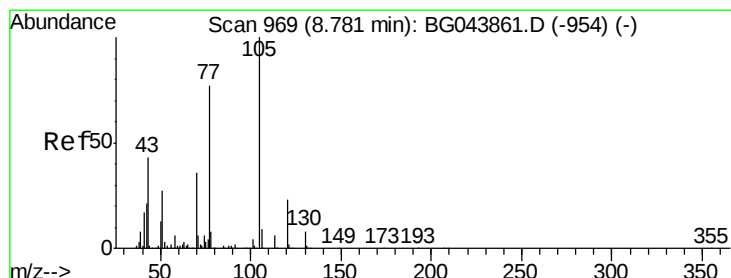
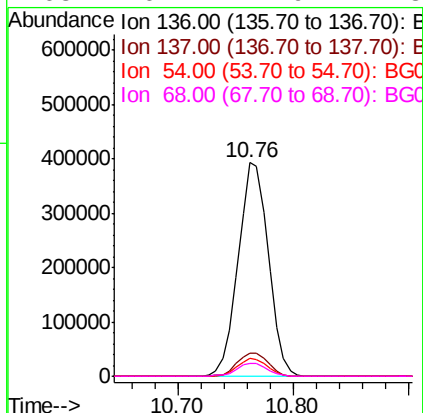
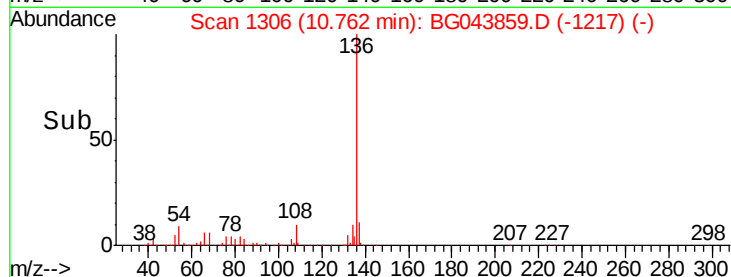
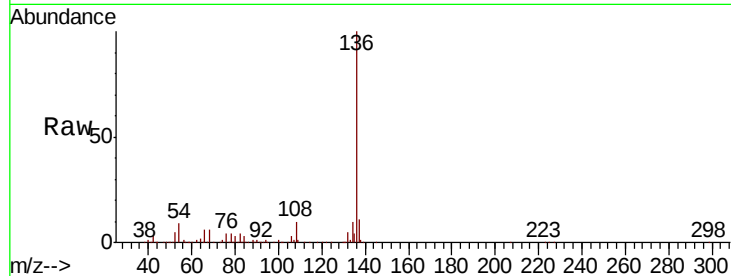




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

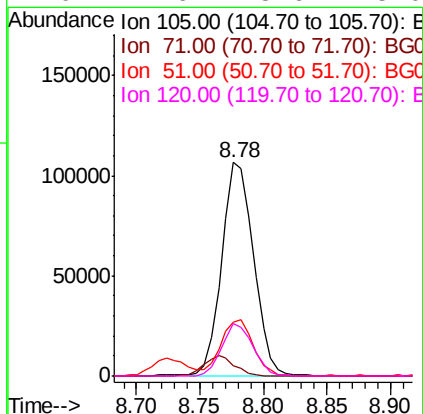
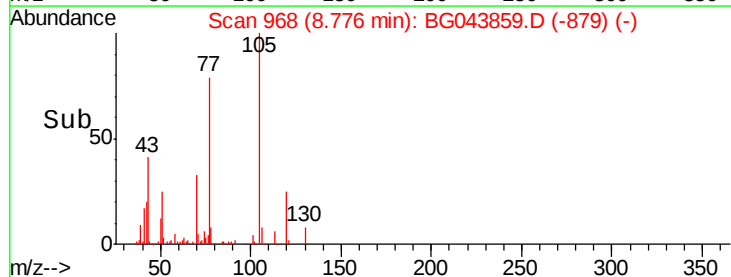
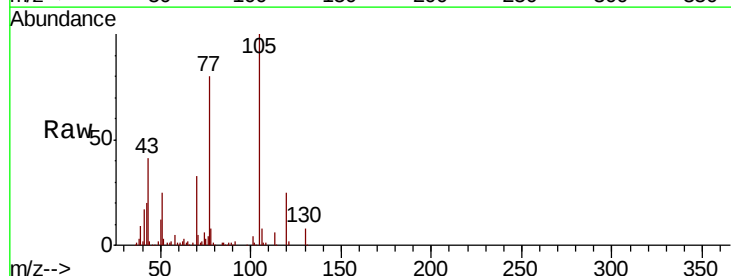
Instrument :
BNA_G
ClientSampleId :

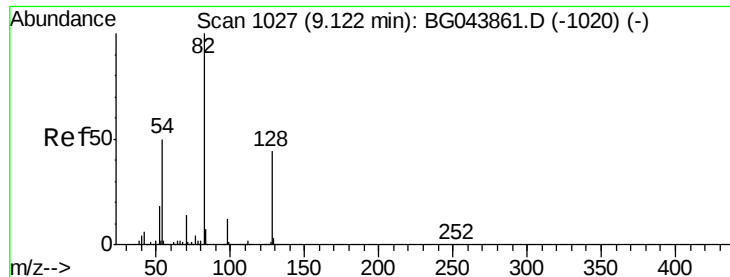
Tot Ion:136	Resp:	711418
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.8 13.2
54	8.6	7.0 10.4
68	6.2	4.9 7.3



#22
Acetophenone
Concen: 10.436 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

Tgt Ion:105	Resp:	185835
Ion	Ratio	Lower Upper
105	100	
71	5.0	4.8 7.2
51	25.4	21.4 32.0
120	24.6	18.6 28.0

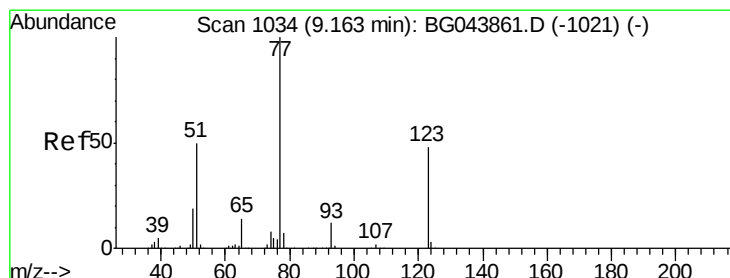
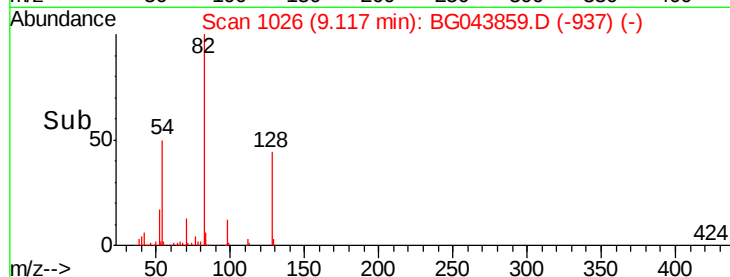
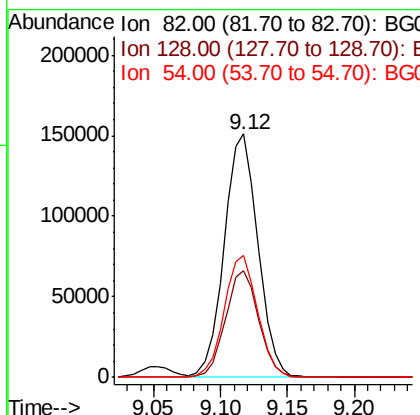
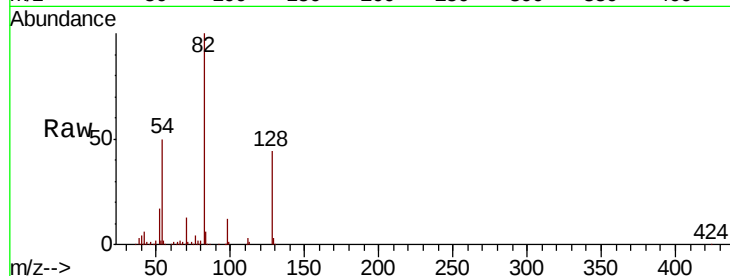




#23
Nitrobenzene-d5
Concen: 20.826 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

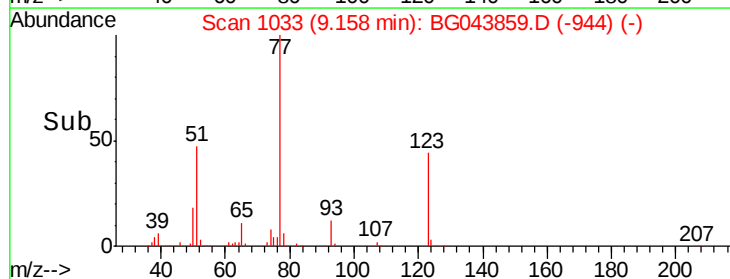
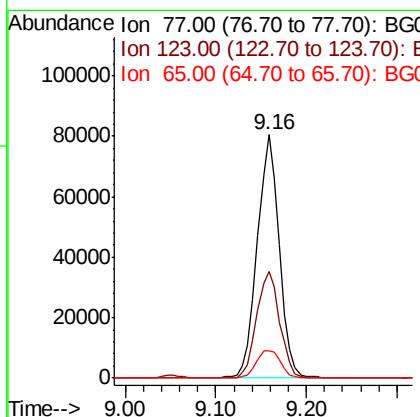
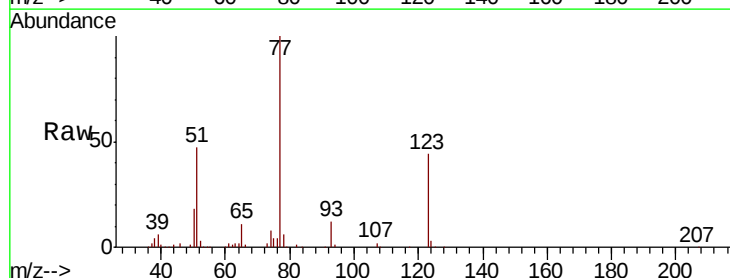
Instrument :
BNA_G
ClientSampleId :

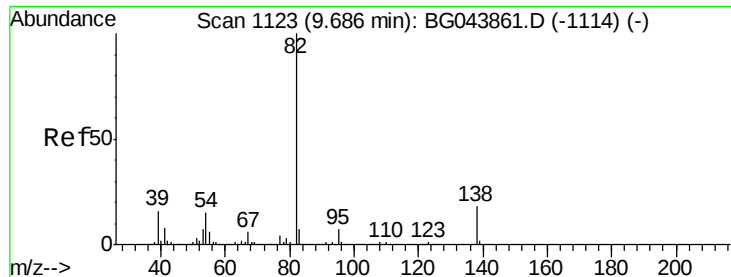
Tot Ion	82	Resp	266491
Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.1	52.7
54	50.0	40.1	60.1



#24
Nitrobenzene
Concen: 10.396 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

Tgt Ion	77	Resp	136201
Ion	Ratio	Lower	Upper
77	100		
123	43.9	38.7	58.1
65	11.1	11.1	16.7#

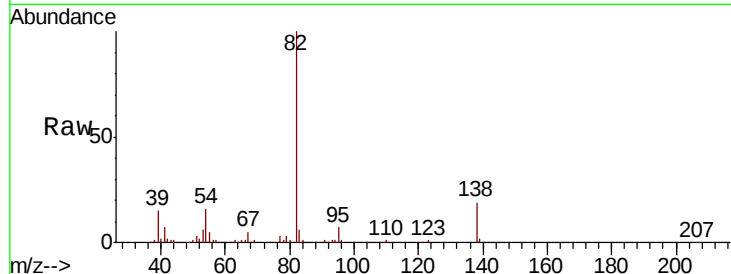




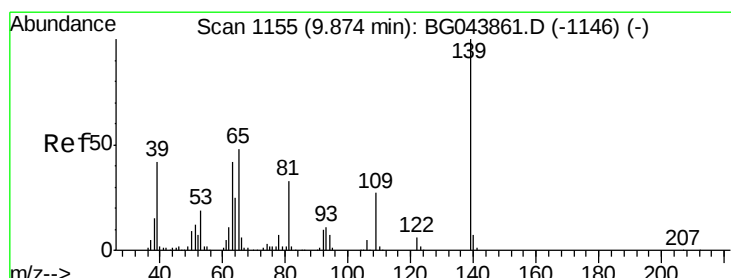
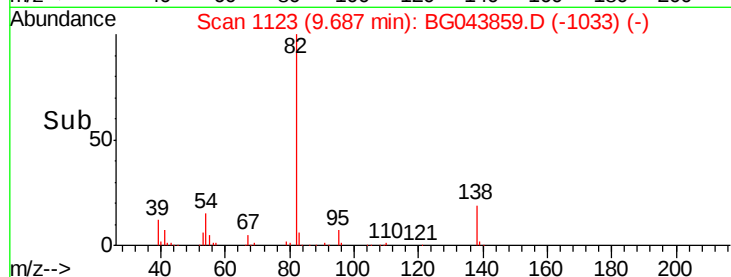
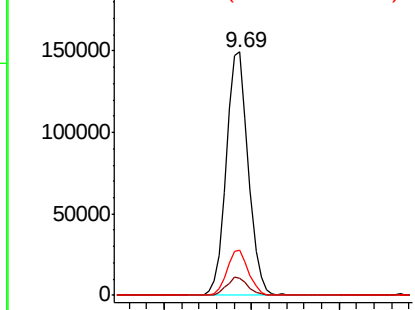
#25
Isophorone
Concen: 10.305 ng
RT: 9.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	18.5	14.6	22.0

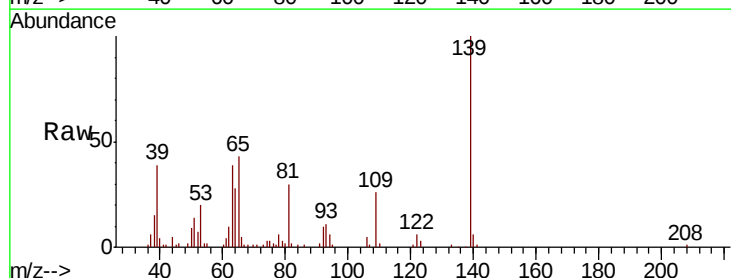


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

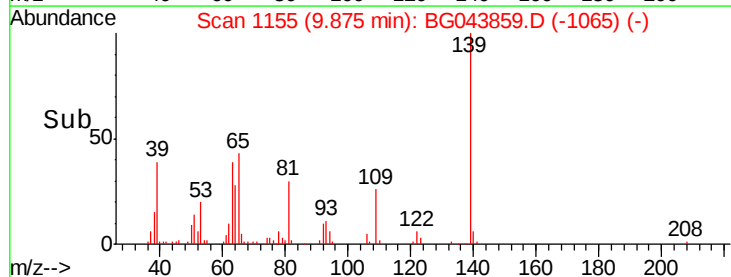
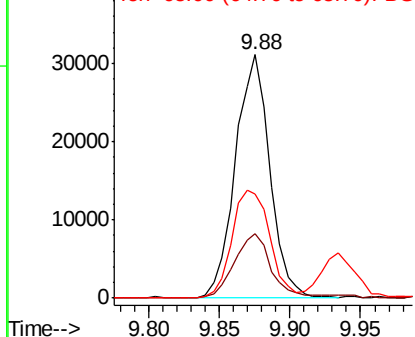


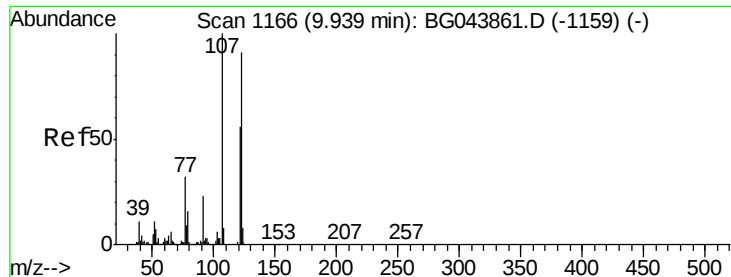
#26
2-Nitrophenol
Concen: 8.694 ng
RT: 9.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.4	21.3	31.9
65	42.9	38.6	57.8



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

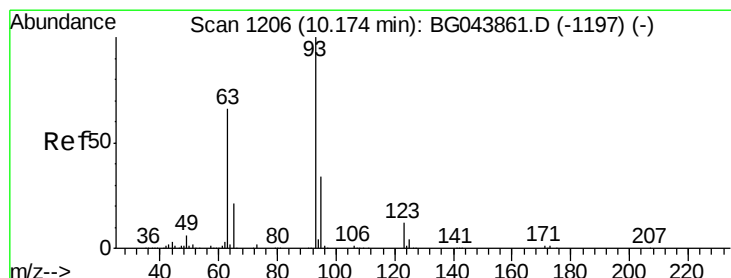
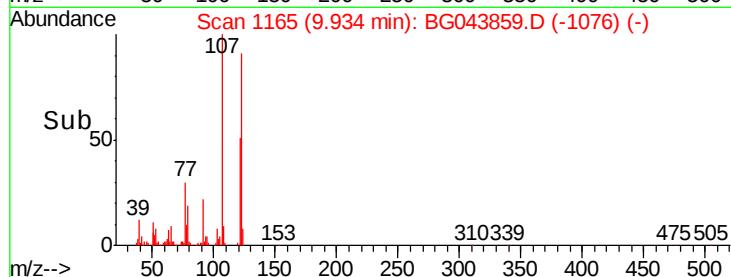
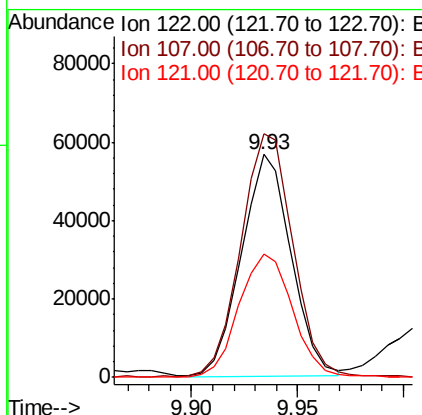
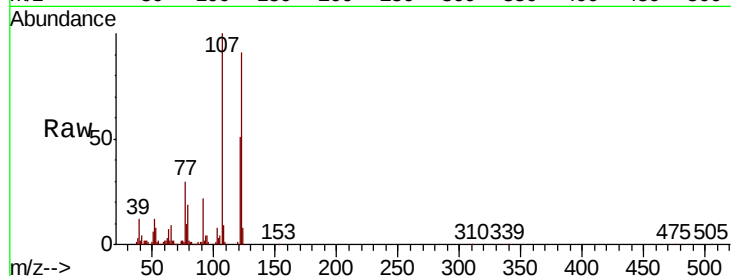




#27
 2,4-Dimethylphenol
 Concen: 9.889 ng
 RT: 9.93 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BG043859.D
 Acq: 30 Dec 2019 9:28

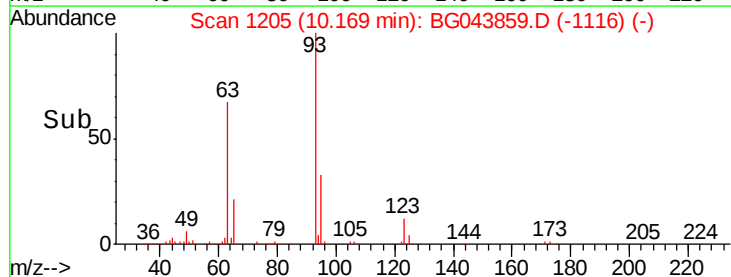
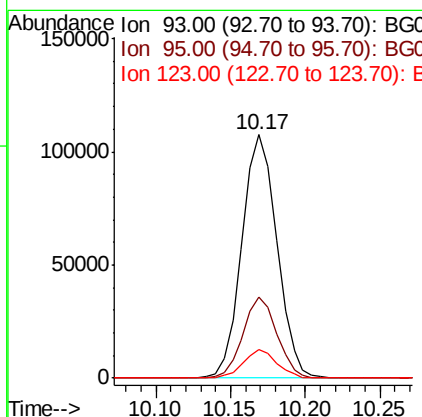
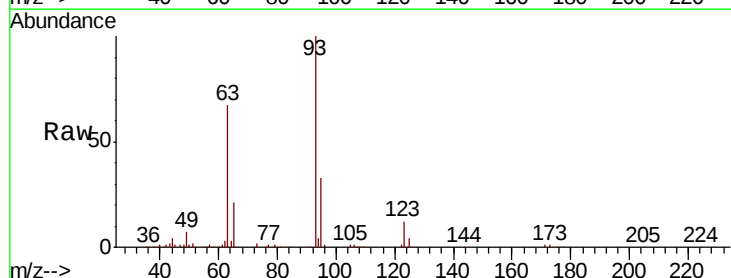
Instrument :
 BNA_G
 ClientSampled :

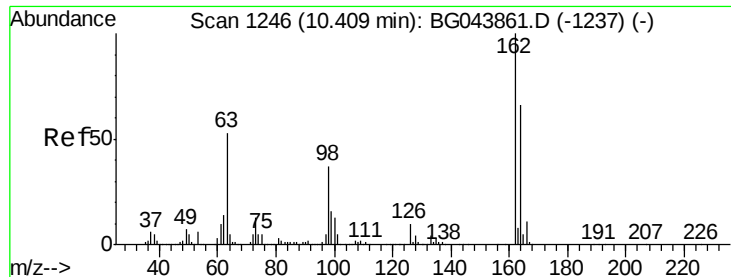
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.4	88.0	132.0
121	55.3	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 10.494 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BG043859.D
 Acq: 30 Dec 2019 9:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	27.2	40.8
123	11.5	9.7	14.5

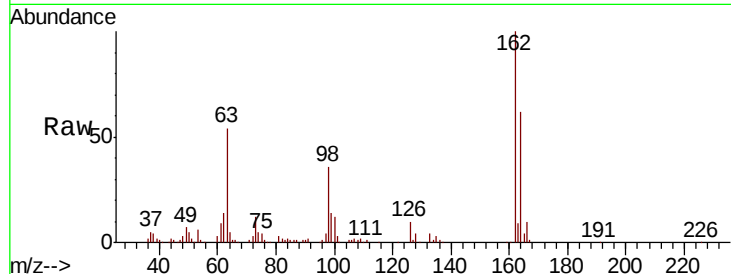




#29
 2,4-Dichlorophenol
 Concen: 9.831 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BG043859.D
 Acq: 30 Dec 2019 9:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.8	46.3	86.3
98	35.9	17.3	57.3

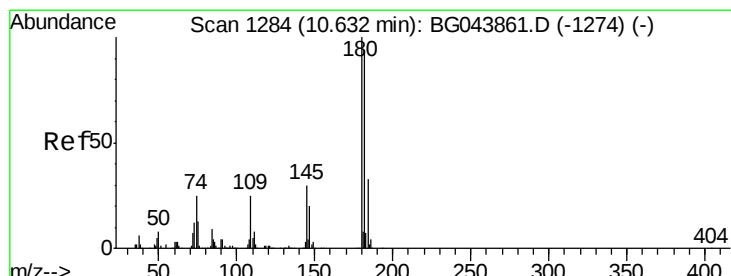
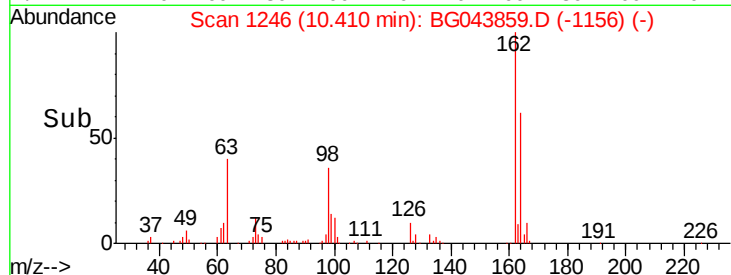
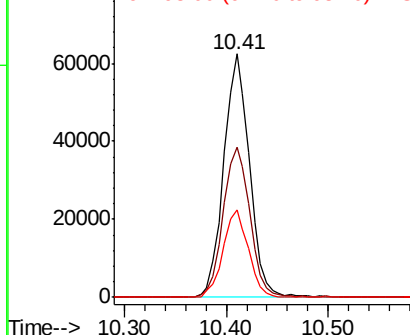


Abundance

Ion 162.00 (161.70 to 162.70): E

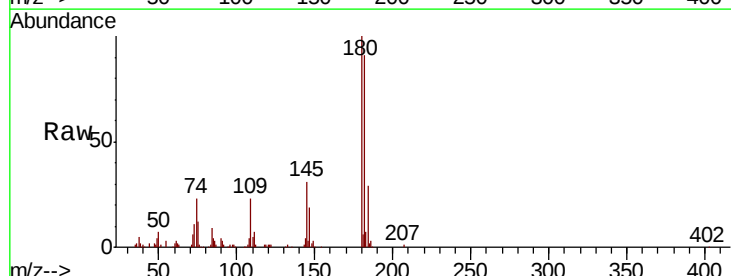
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 10.377 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG043859.D
 Acq: 30 Dec 2019 9:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.2	75.0	112.4
145	31.4	24.2	36.4

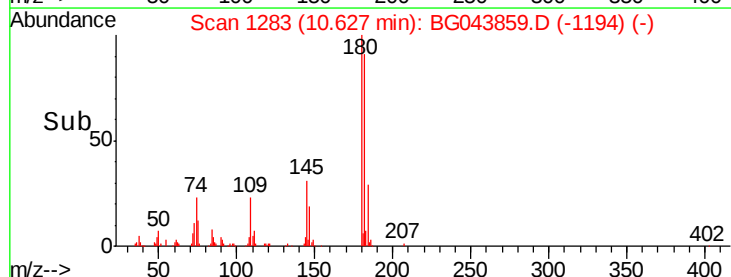
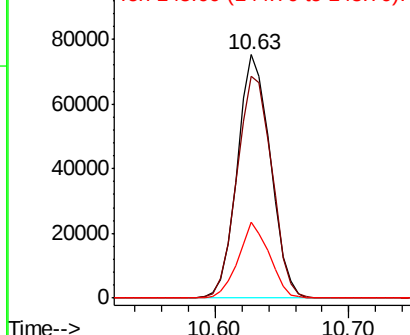


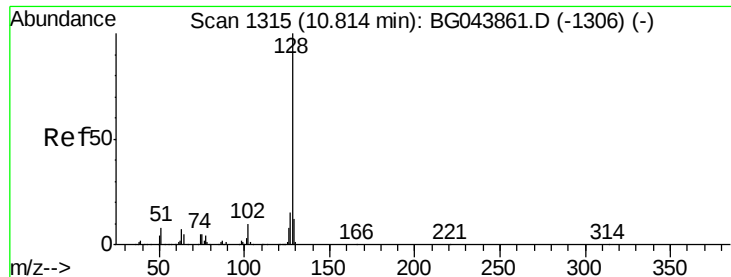
Abundance

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

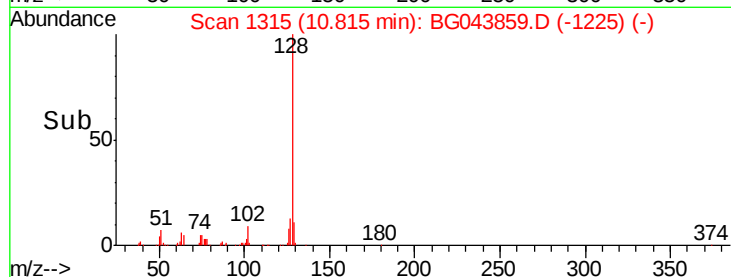
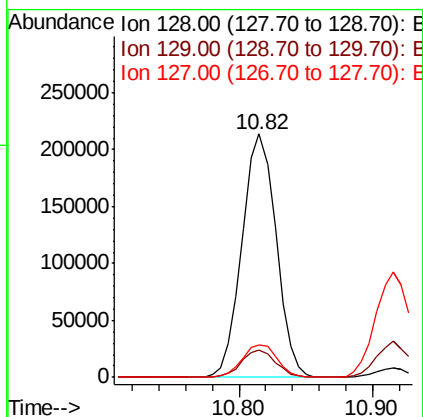
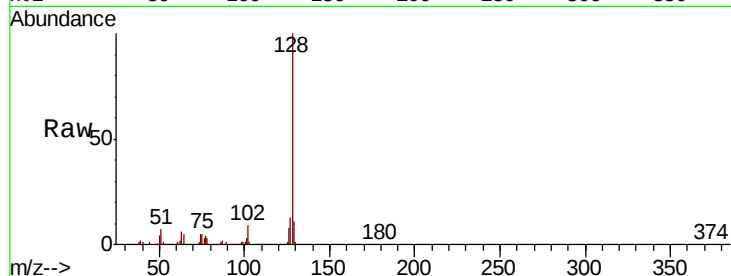




#31
Naphthalene
Concen: 10.969 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

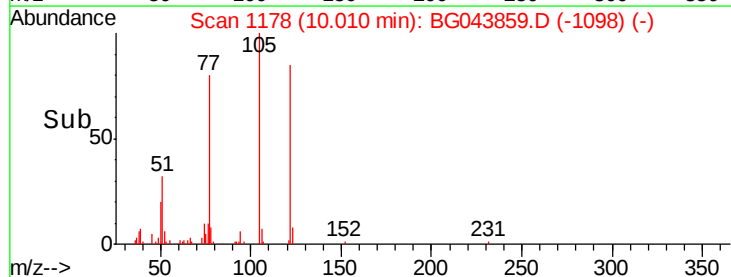
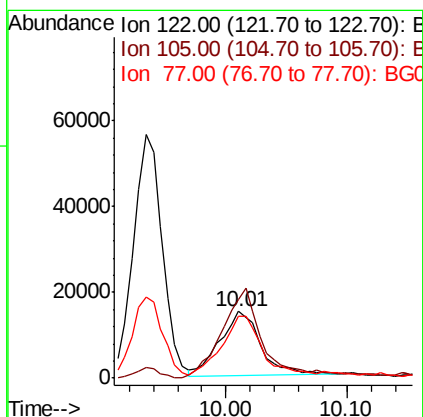
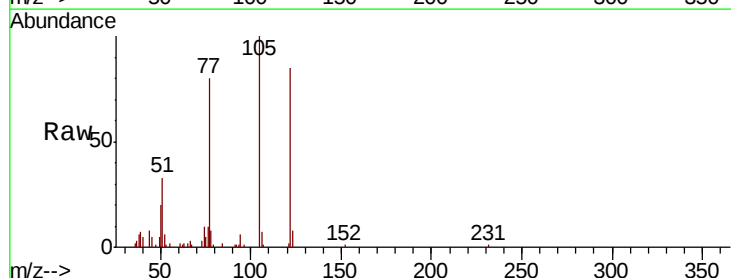
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.6
127	13.2	12.0	18.0



#32
Benzoic acid
Concen: 4.797 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.2	106.4	146.4
77	93.8	74.6	114.6

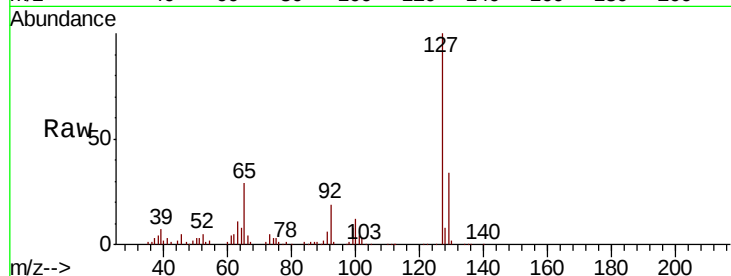




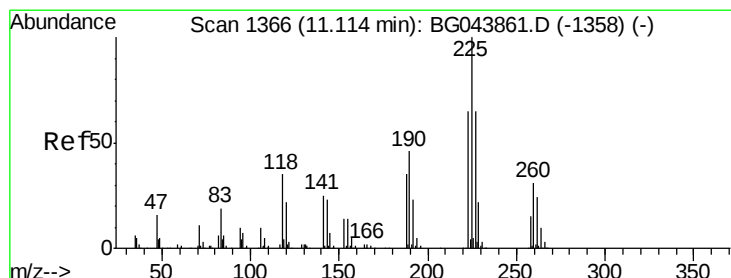
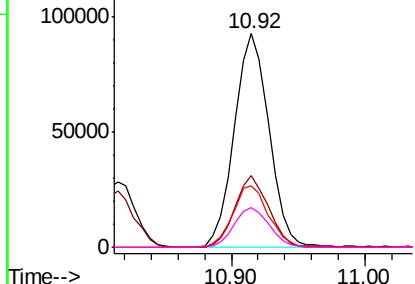
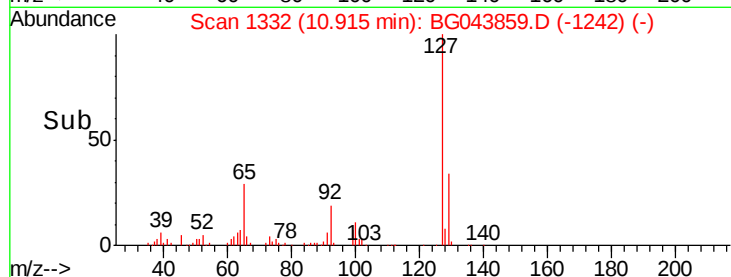
#33
4-Chloroaniline
Concen: 10.157 ng
RT: 10.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	167871
Ion Ratio	Lower	Upper
127	100	
129	33.8	26.6 40.0
65	28.7	23.3 34.9
92	18.9	14.7 22.1

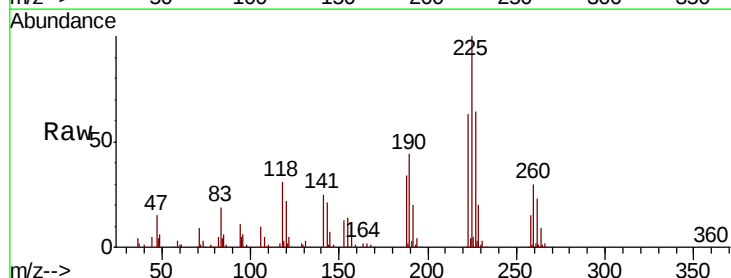


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

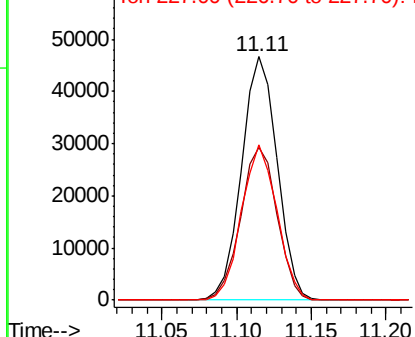
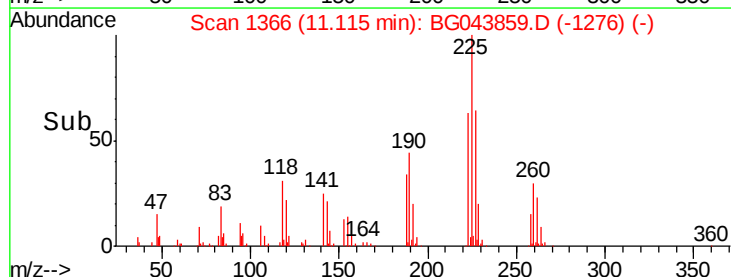


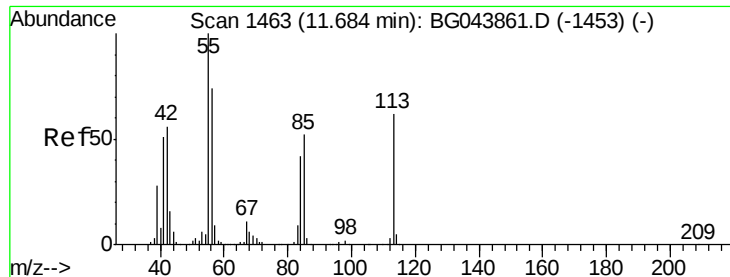
#34
Hexachlorobutadiene
Concen: 10.233 ng
RT: 11.11 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

Tgt Ion:225	Resp:	77137
Ion Ratio	Lower	Upper
225	100	
223	62.8	52.2 78.4
227	63.7	52.1 78.1



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





#35

Caprolactam

Concen: 9.813 ng

RT: 11.66 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Instrument :

BNA_G

ClientSampleId :

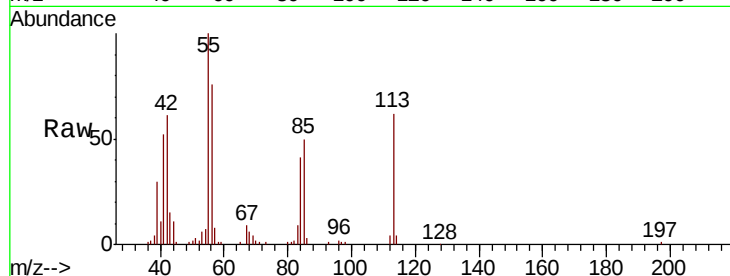
Tot Ion:113 Resp: 40904

Ion Ratio Lower Upper

113 100

55 160.6 142.5 182.5

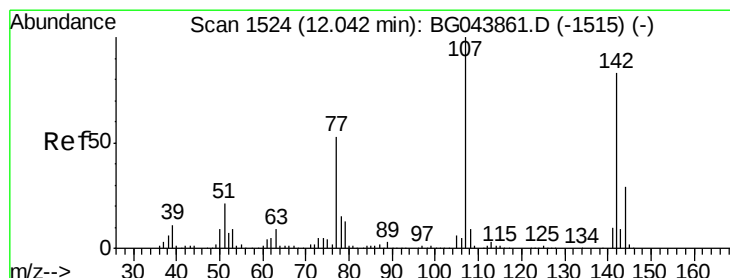
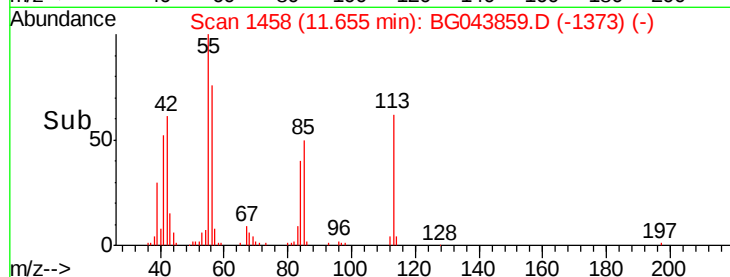
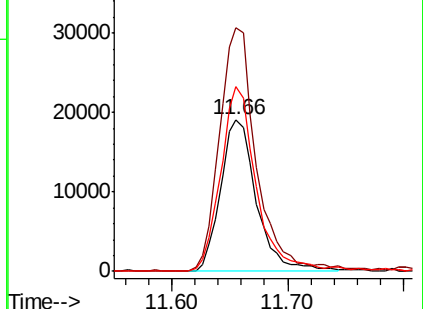
56 121.7 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 10.179 ng

RT: 12.04 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

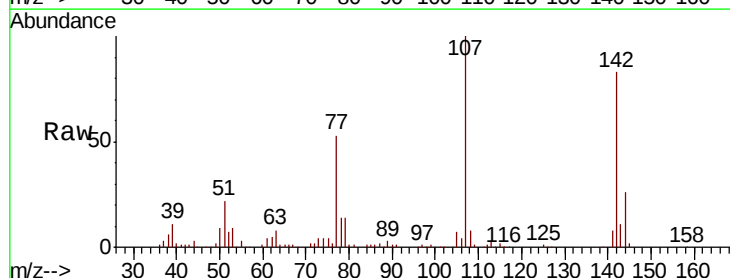
Tgt Ion:107 Resp: 122340

Ion Ratio Lower Upper

107 100

144 26.2 23.4 35.2

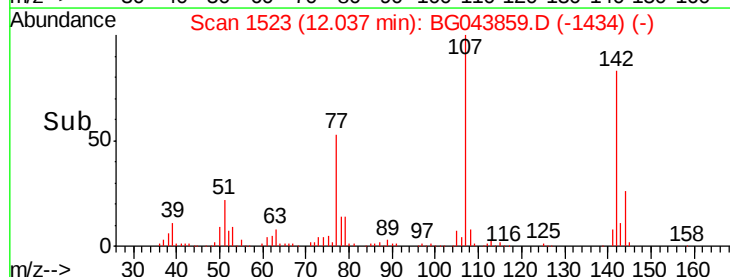
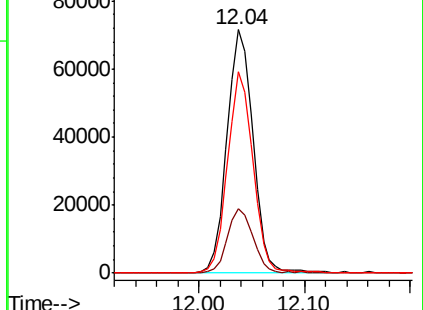
142 82.7 66.3 99.5



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

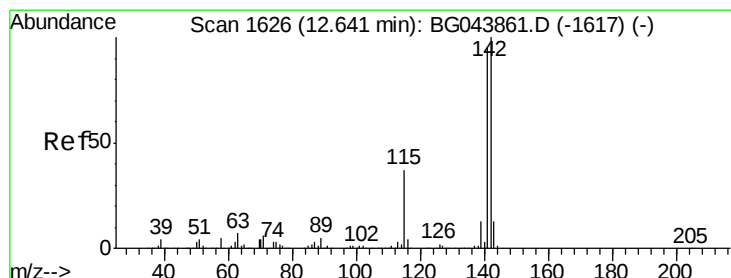
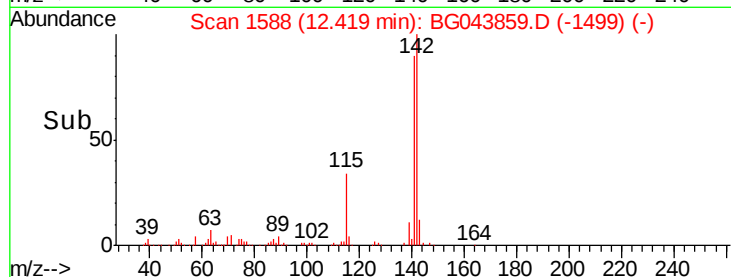
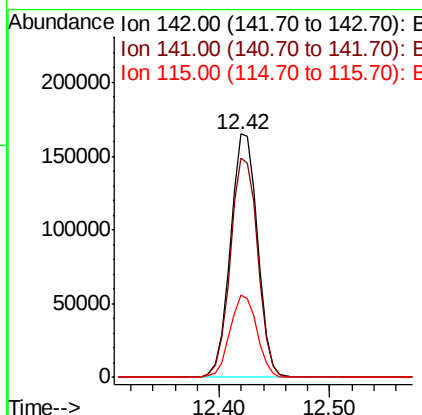
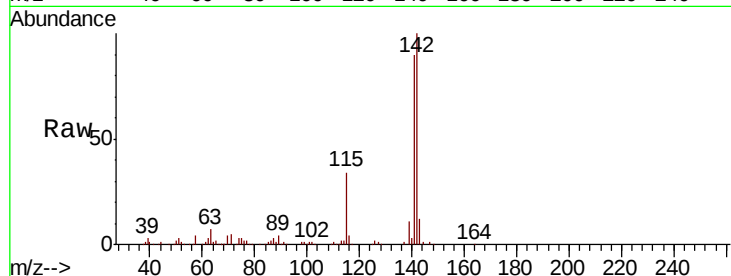




#37
2-Methylnaphthalene
Concen: 10.943 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

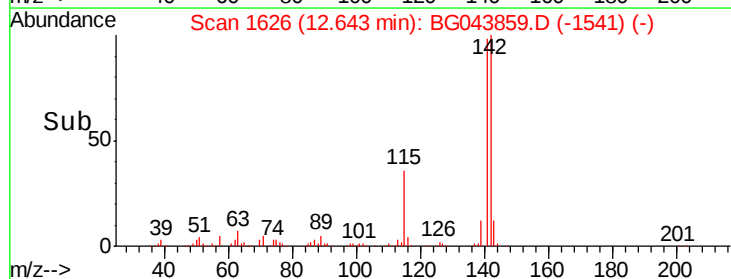
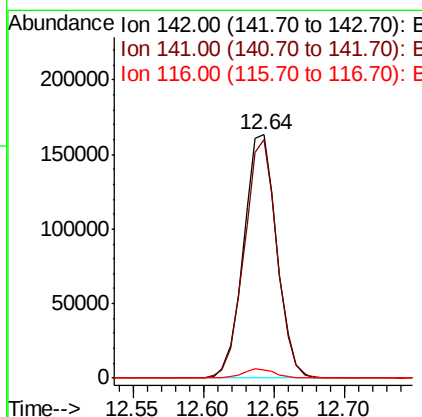
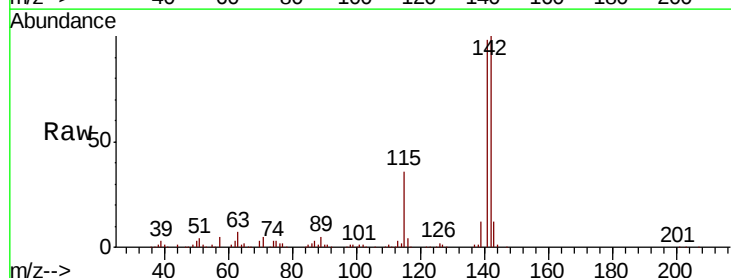
Instrument :
BNA_G
ClientSampleId :

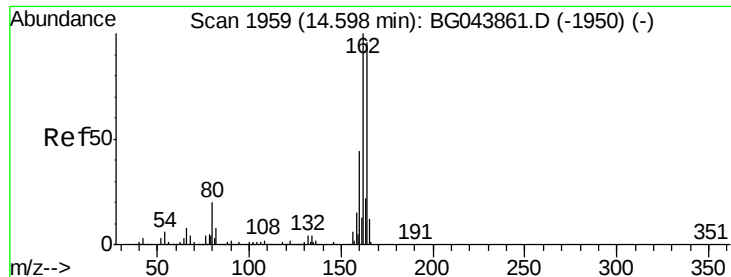
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	75.8	113.8
115	33.8	28.6	42.8



#38
1-Methylnaphthalene
Concen: 10.828 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.1	76.0	114.0
116	3.5	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Instrument :

BNA_G

ClientSampleId :

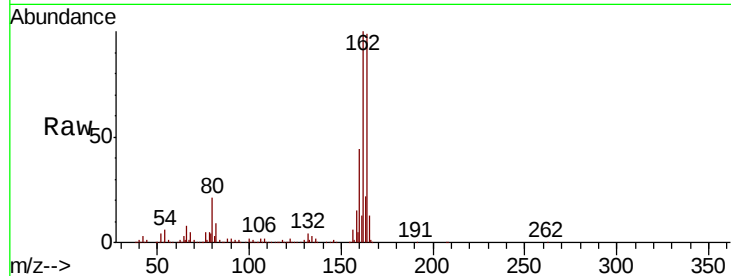
Tot Ion:164 Resp: 475498

Ion Ratio Lower Upper

164 100

162 101.0 83.0 124.4

160 44.6 36.1 54.1

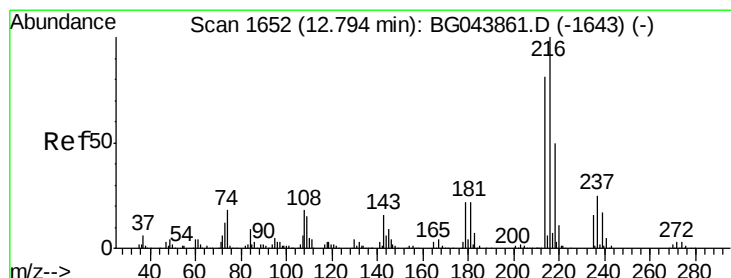
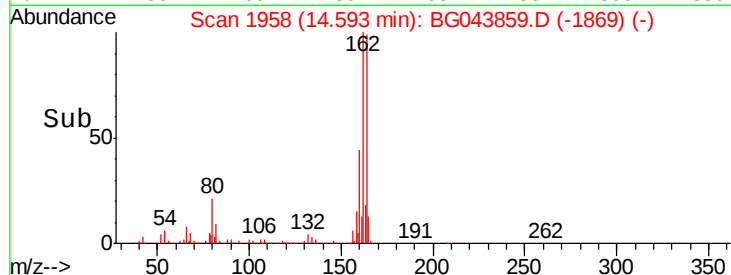
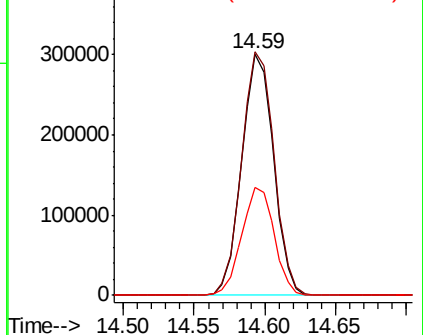


Abundance

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: 10.328 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Tgt Ion:216 Resp: 142748

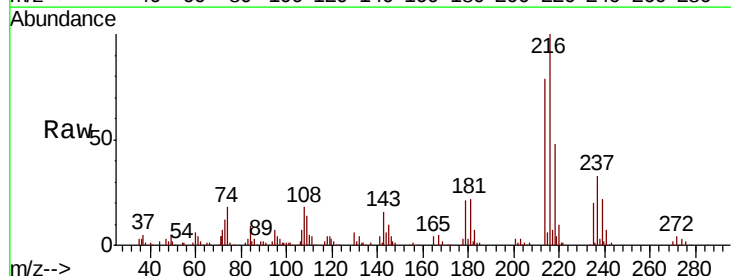
Ion Ratio Lower Upper

216 100

214 78.8 63.8 95.8

179 21.2 17.3 25.9

108 18.7 15.3 22.9



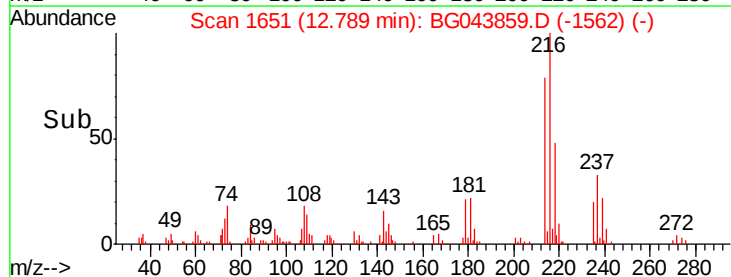
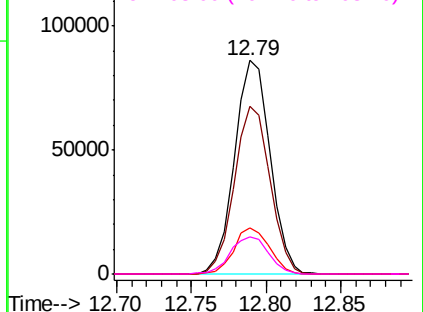
Abundance

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: 8.535 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Instrument :

BNA_G

ClientSampled :

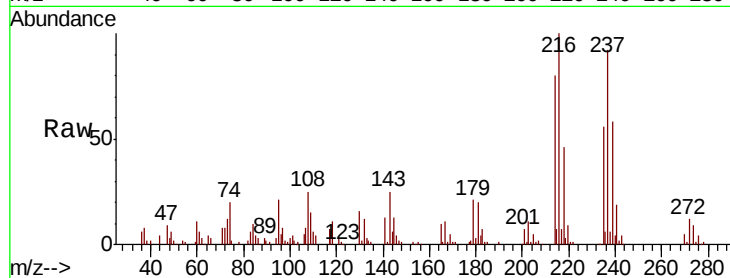
Tot Ion:237 Resp: 62991

Ion Ratio Lower Upper

237 100

235 60.8 41.1 81.1

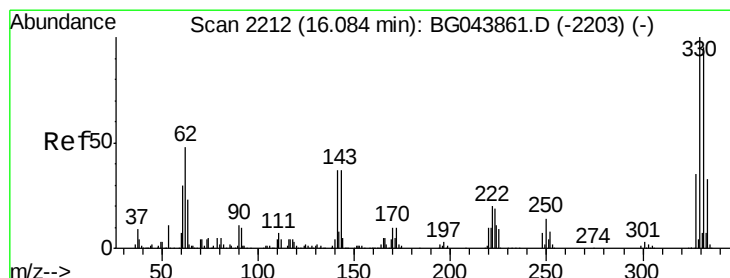
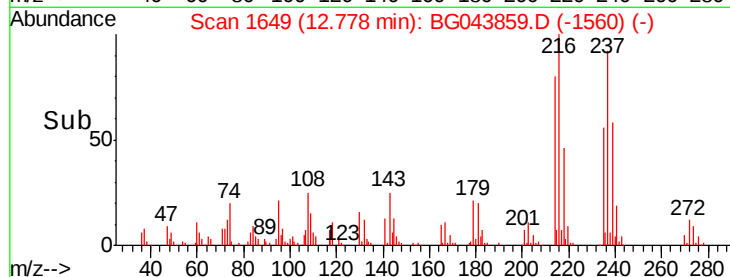
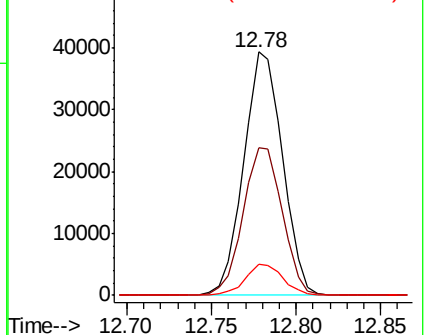
272 12.9 0.0 31.7



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: 19.789 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

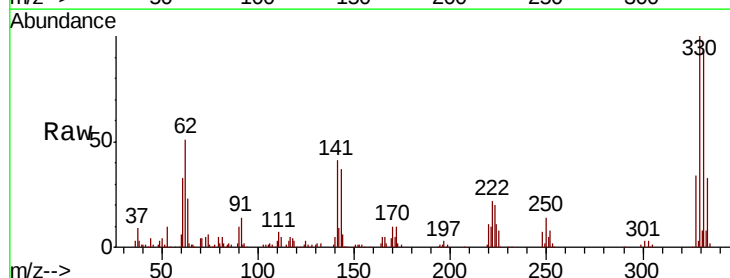
Tgt Ion:330 Resp: 99141

Ion Ratio Lower Upper

330 100

332 98.3 77.2 115.8

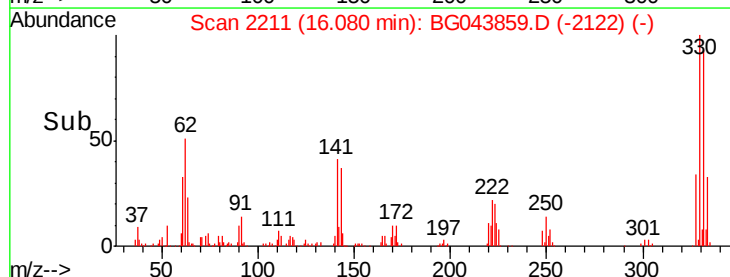
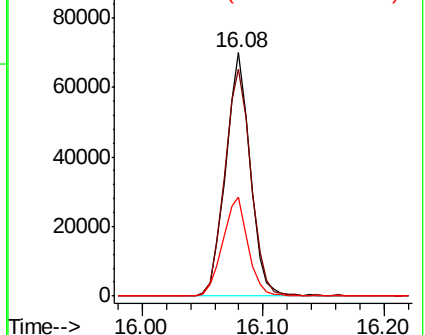
141 41.0 33.1 49.7

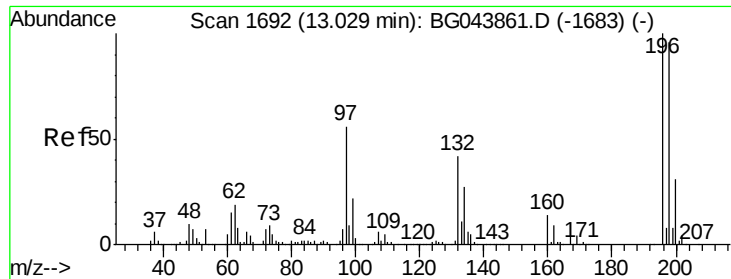


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

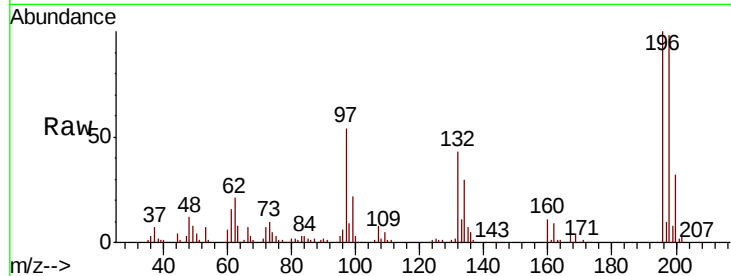




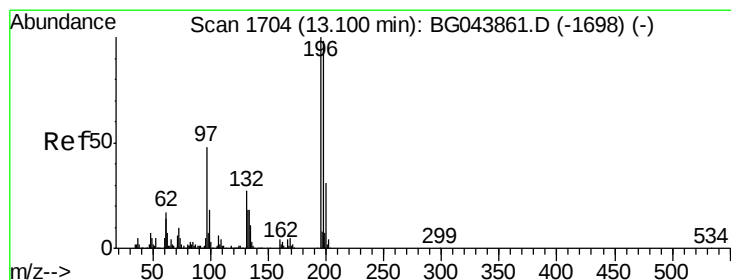
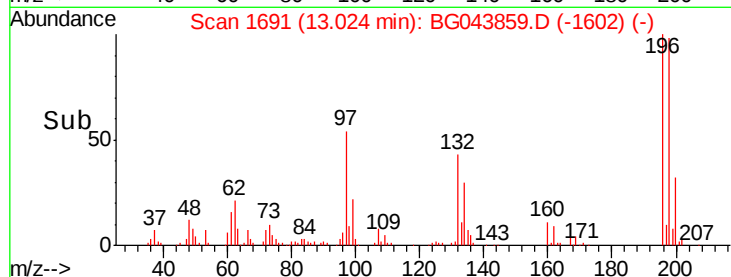
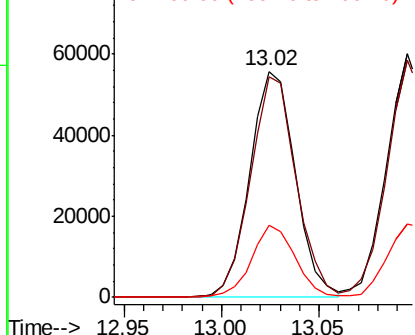
#43
 2,4,6-Trichlorophenol
 Concen: 9.382 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG043859.D
 Acq: 30 Dec 2019 9:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 89752
 Ion Ratio Lower Upper
 196 100
 198 97.9 76.6 115.0
 200 31.8 24.6 37.0

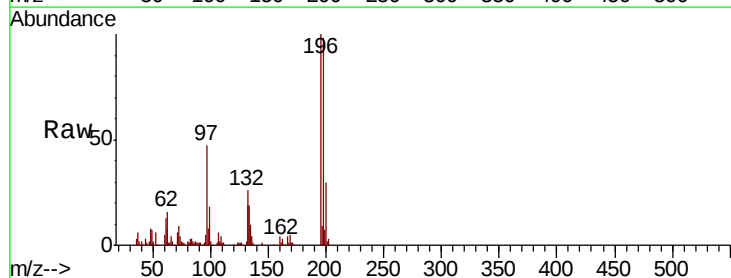


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

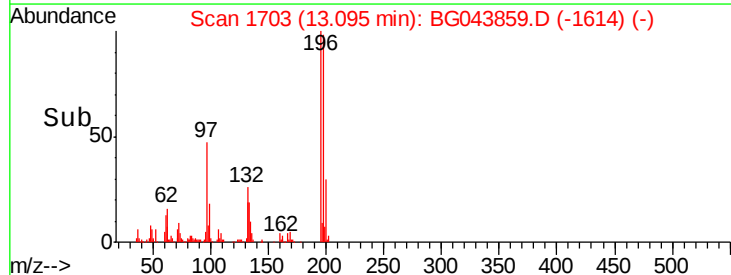
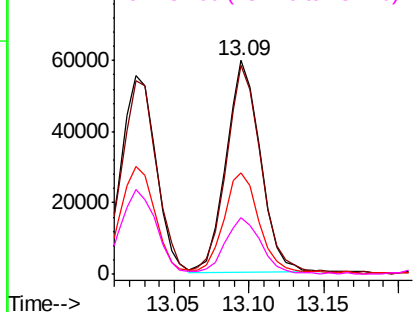


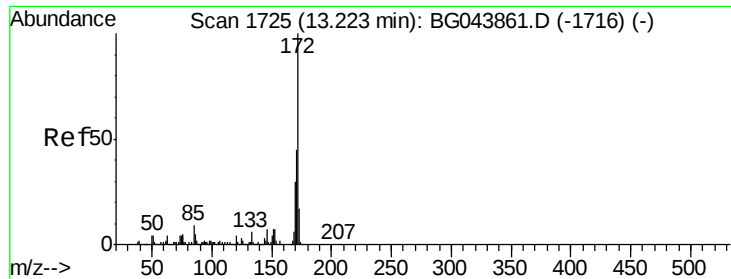
#44
 2,4,5-Trichlorophenol
 Concen: 9.843 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043859.D
 Acq: 30 Dec 2019 9:28

Tgt Ion:196 Resp: 96463
 Ion Ratio Lower Upper
 196 100
 198 97.6 78.3 117.5
 97 47.3 38.8 58.2
 132 26.4 21.3 31.9



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

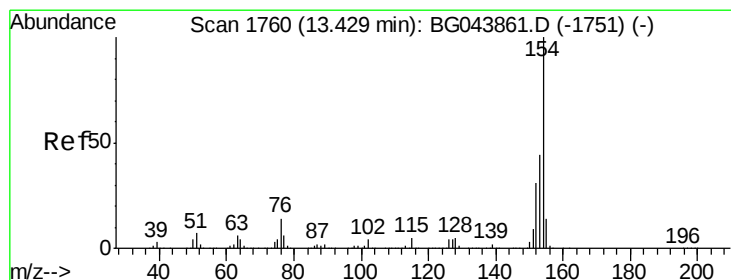
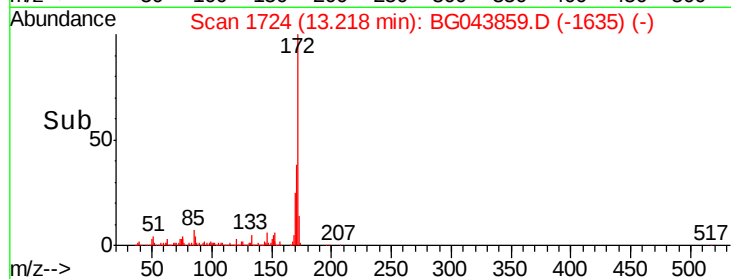
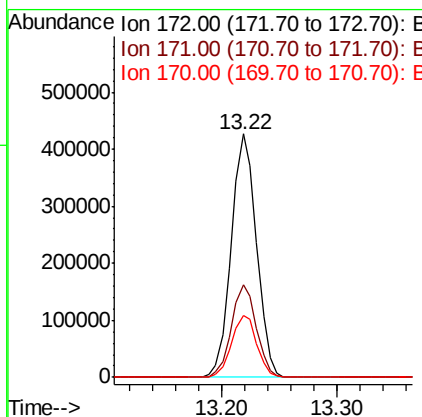
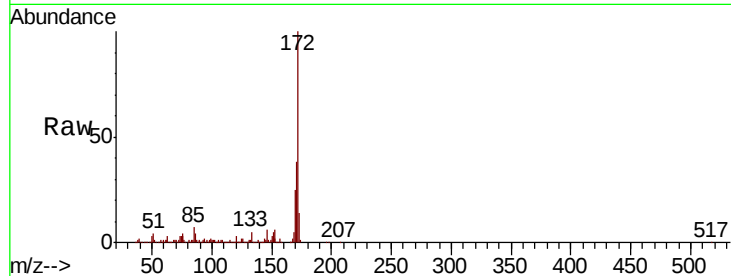




#45
2-Fluorobiphenyl
Concen: 24.149 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

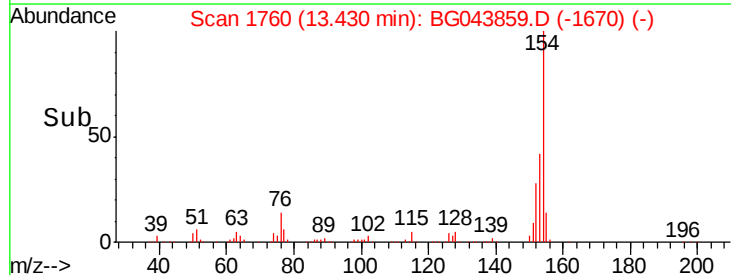
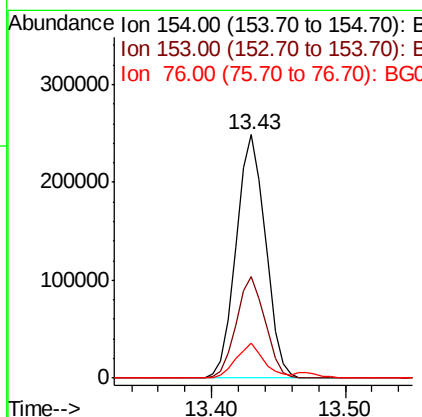
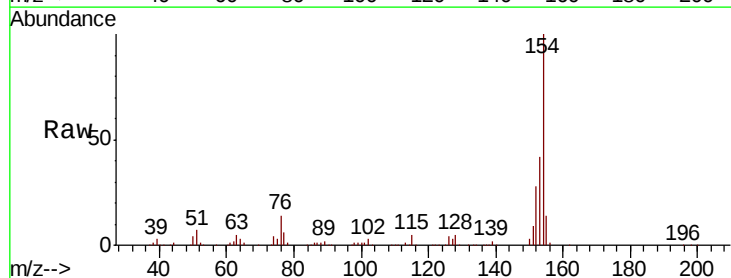
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 643044
Ion Ratio Lower Upper
172 100
171 37.9 35.8 53.8
170 25.3 24.2 36.4



#46
1,1'-Biphenyl
Concen: 11.069 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

Tgt Ion:154 Resp: 377852
Ion Ratio Lower Upper
154 100
153 41.7 23.6 63.6
76 14.3 0.0 34.4

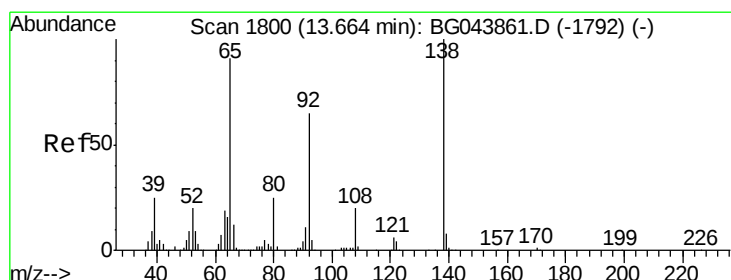
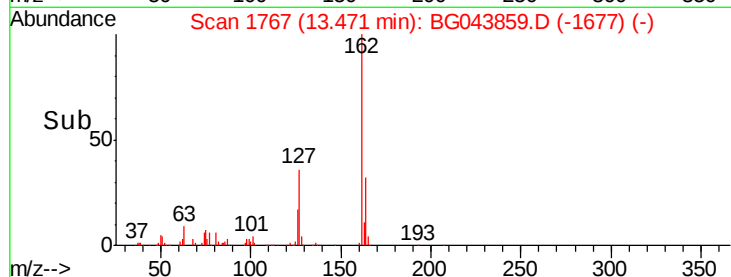
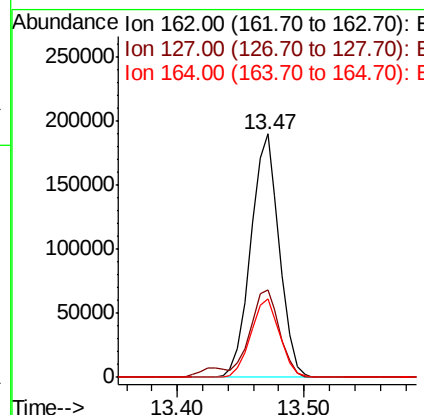
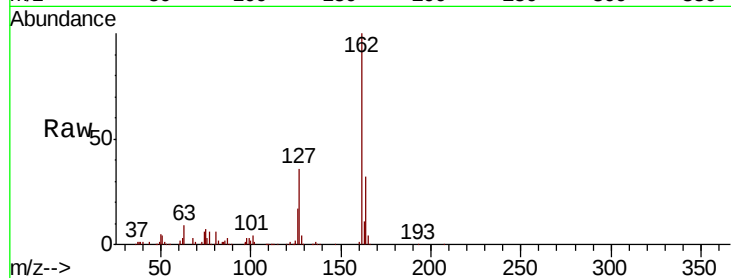




#47
 2-Chloronaphthalene
 Concen: 10.738 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG043859.D
 Acq: 30 Dec 2019 9:28

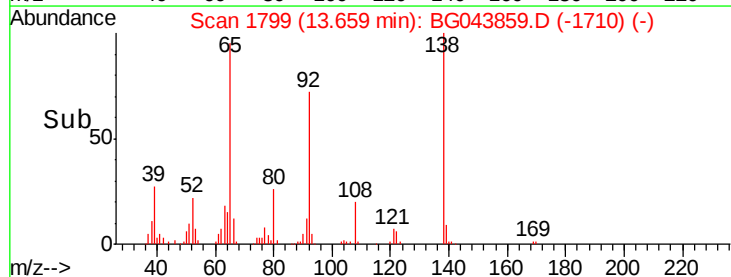
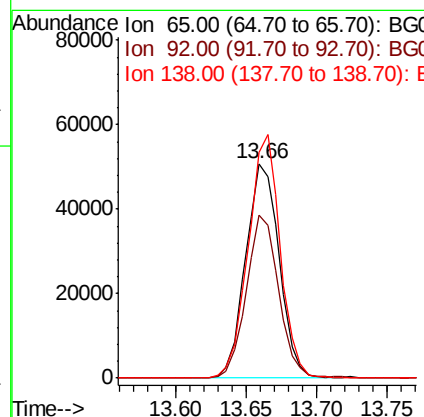
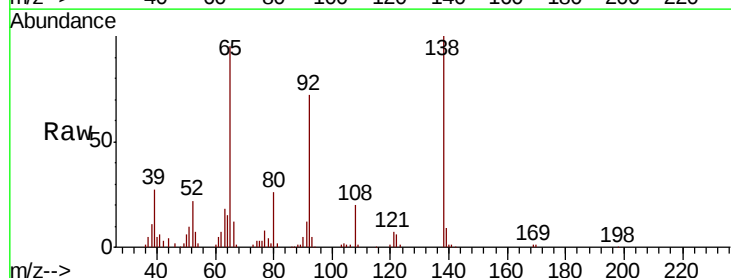
Instrument :
 BNA_G
 ClientSampleId :

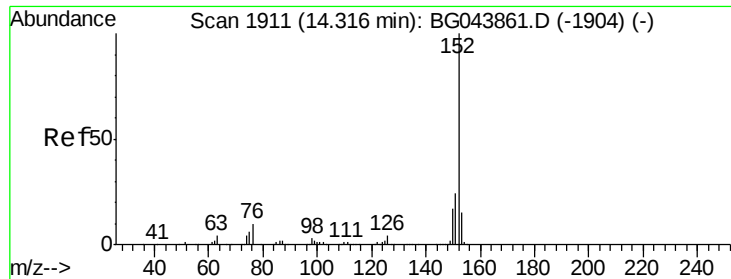
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.1	32.1	48.1
164	32.1	27.5	41.3



#48
 2-Nitroaniline
 Concen: 9.606 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.00 min
 Lab File: BG043859.D
 Acq: 30 Dec 2019 9:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.9	57.4	86.2
138	105.2	88.2	132.4





#49

Acenaphthylene

Concen: 11.045 ng

RT: 14.32 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Instrument :

BNA_G

ClientSampleId :

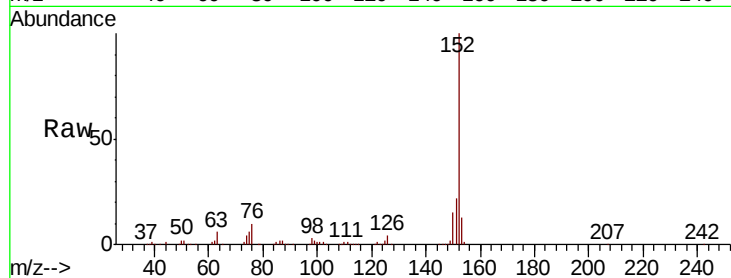
Tot Ion:152 Resp: 440721

Ion Ratio Lower Upper

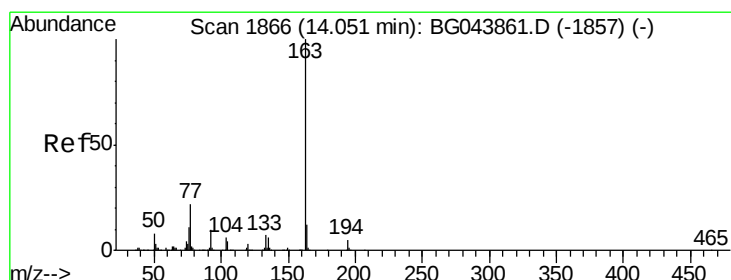
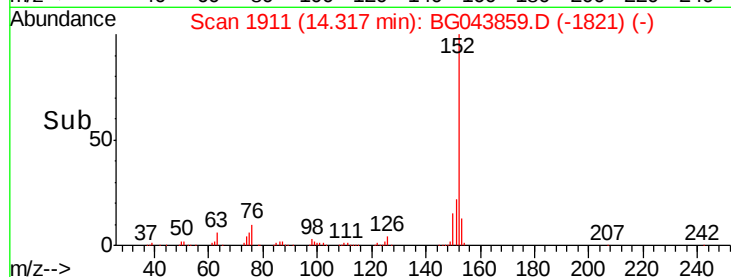
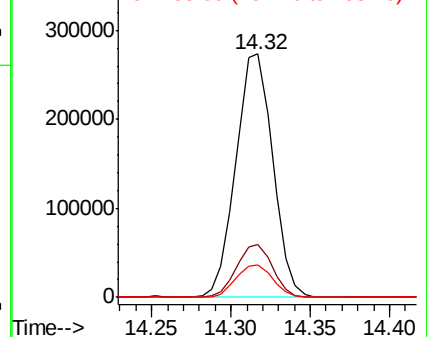
152 100

151 21.9 19.4 29.2

153 13.1 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 11.294 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

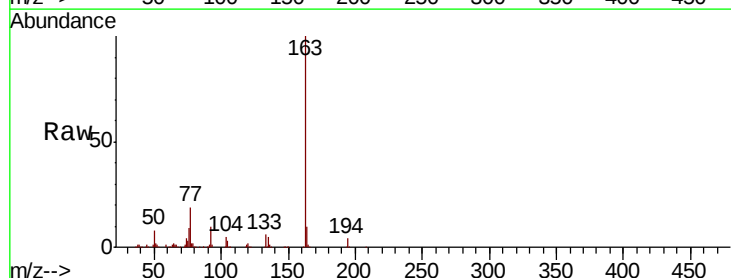
Tgt Ion:163 Resp: 383722

Ion Ratio Lower Upper

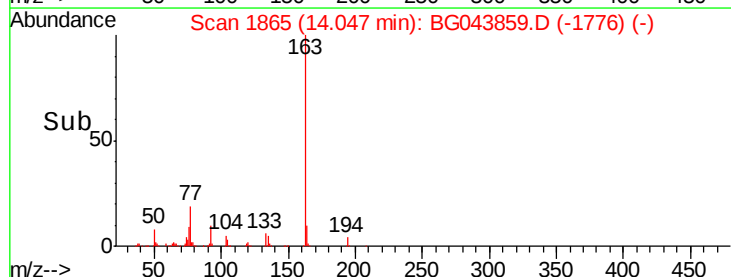
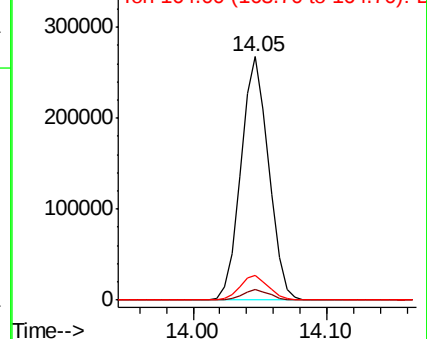
163 100

194 4.4 3.7 5.5

164 10.1 9.3 13.9



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

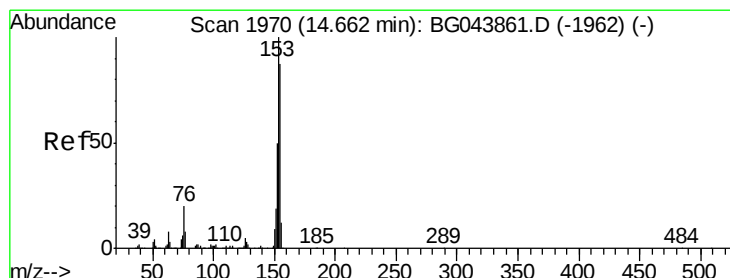
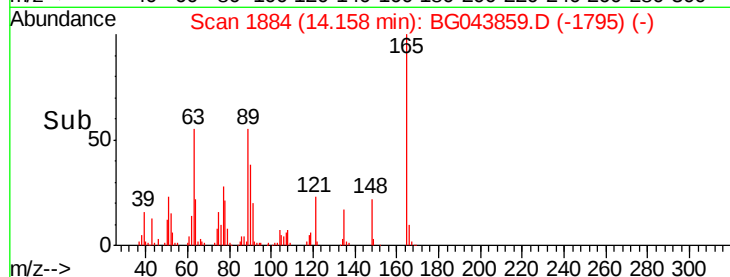
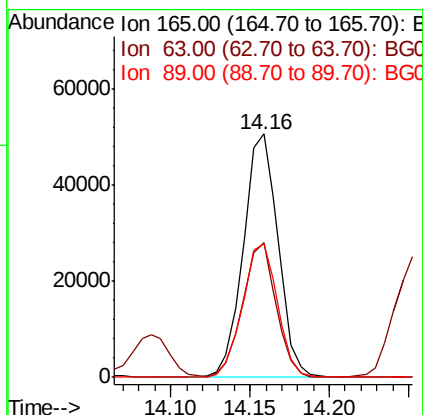
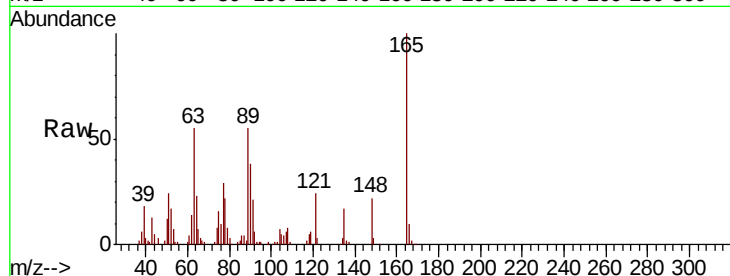




#51
 2,6-Dinitrotoluene
 Concen: 9.994 ng
 RT: 14.16 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: BG043859.D
 Acq: 30 Dec 2019 9:28

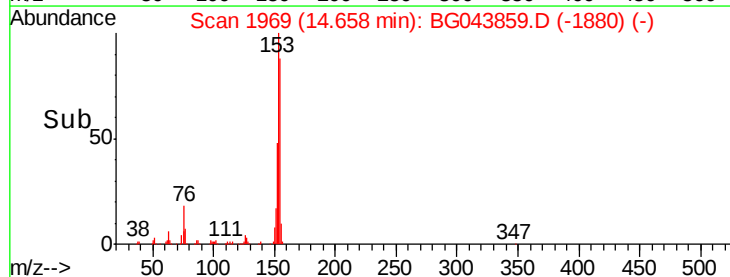
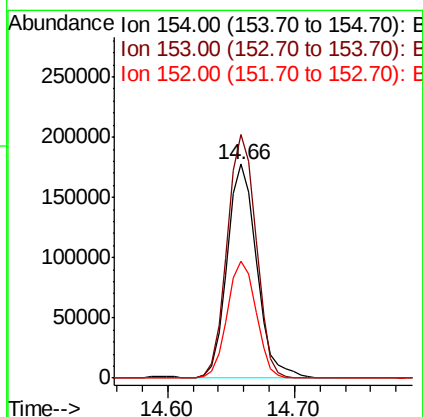
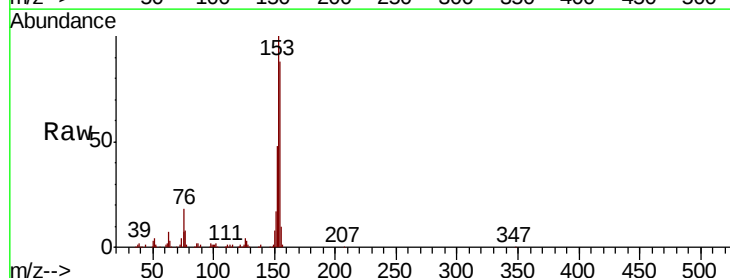
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 76749
 Ion Ratio Lower Upper
 165 100
 63 55.5 43.1 64.7
 89 54.9 43.8 65.6



#52
 Acenaphthene
 Concen: 10.241 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG043859.D
 Acq: 30 Dec 2019 9:28

Tgt Ion:154 Resp: 285477
 Ion Ratio Lower Upper
 154 100
 153 113.8 91.6 137.4
 152 54.6 45.4 68.0





#53

3-Nitroaniline

Concen: 10.051 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Instrument :

BNA_G

ClientSampleId :

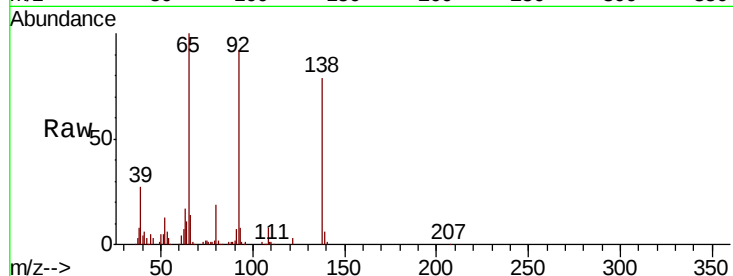
Tot Ion:138 Resp: 87278

Ion Ratio Lower Upper

138 100

108 10.4 7.4 11.2

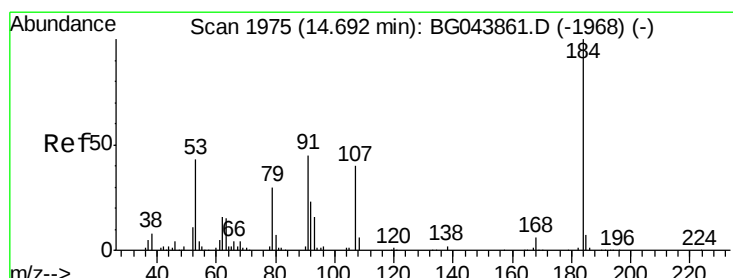
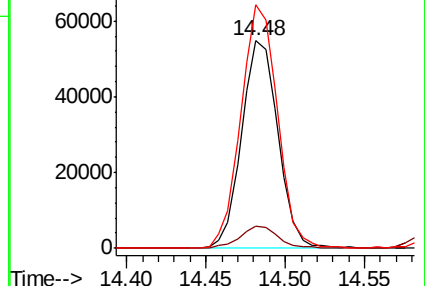
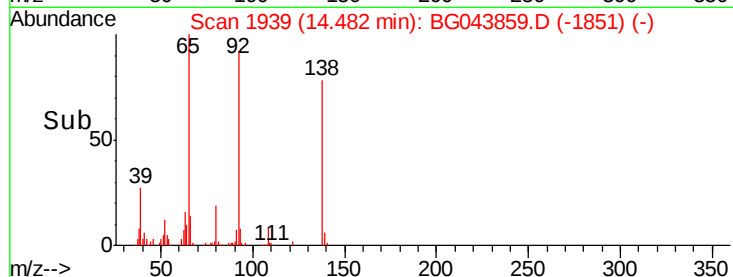
92 117.5 92.1 138.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 6.725 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

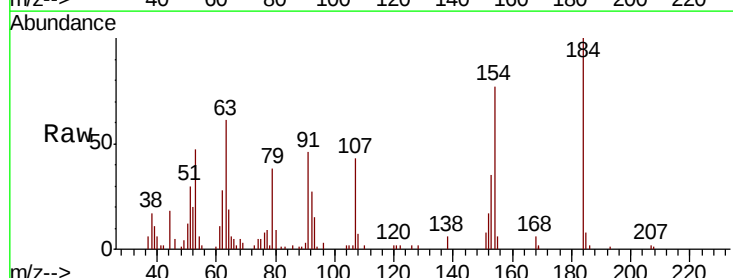
Tgt Ion:184 Resp: 22867

Ion Ratio Lower Upper

184 100

63 61.2 46.6 70.0

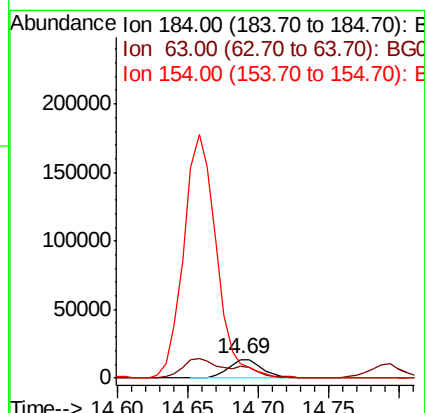
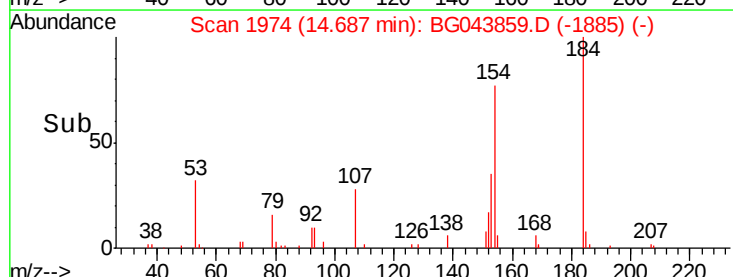
154 77.2 50.2 75.4#

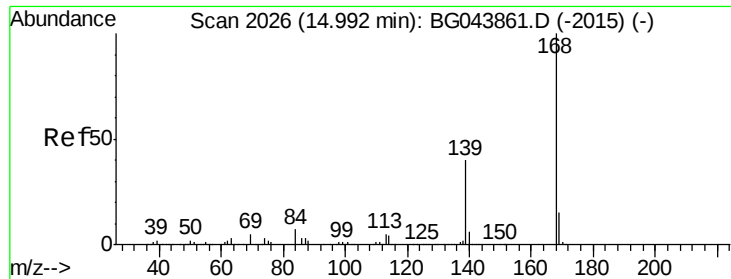


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

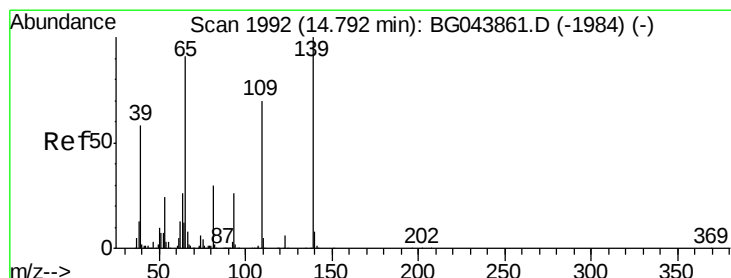
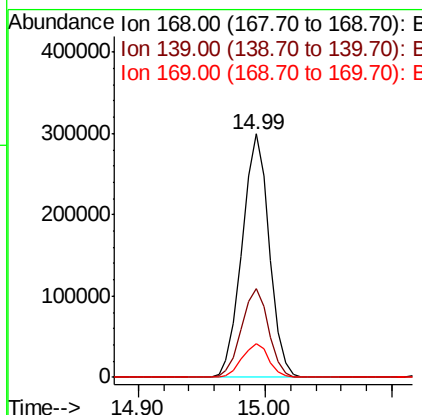
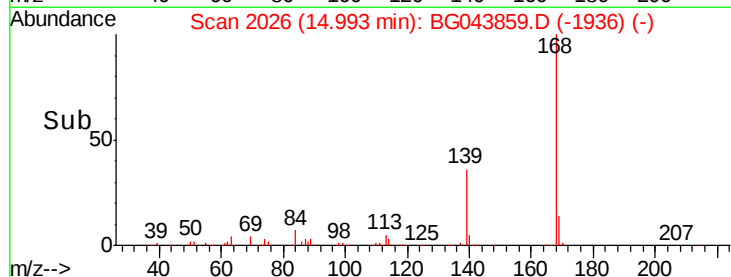
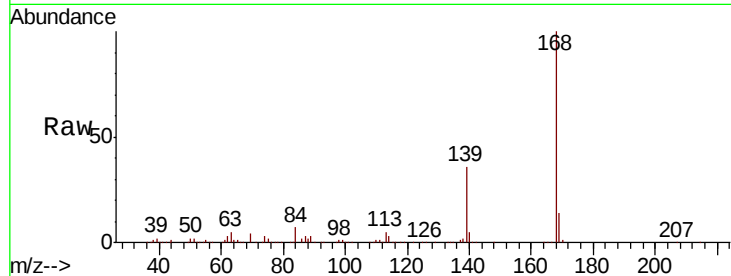




#55
Dibenzenofuran
Concen: 11.492 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

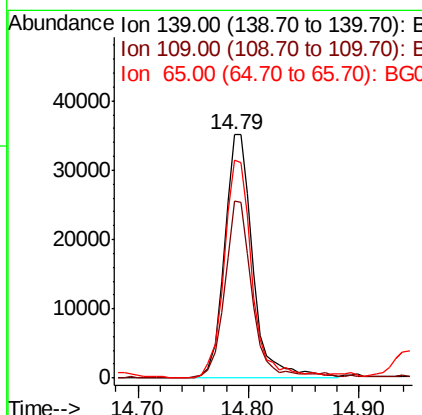
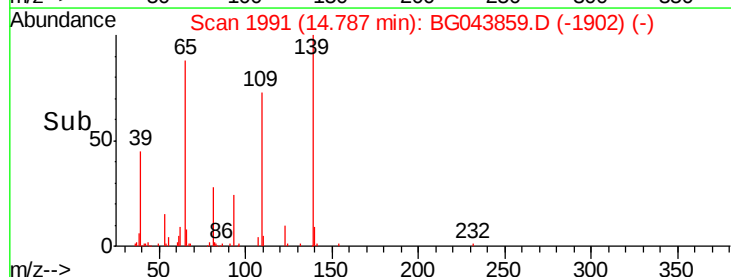
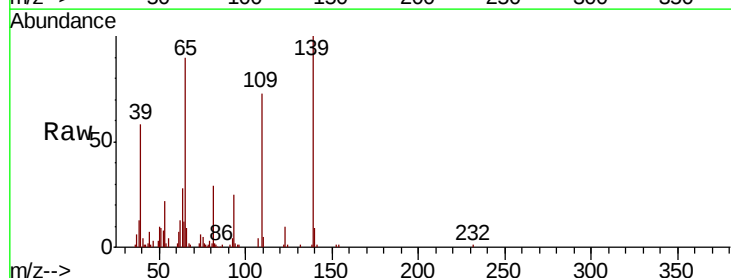
Instrument :
BNA_G
ClientSampleId :

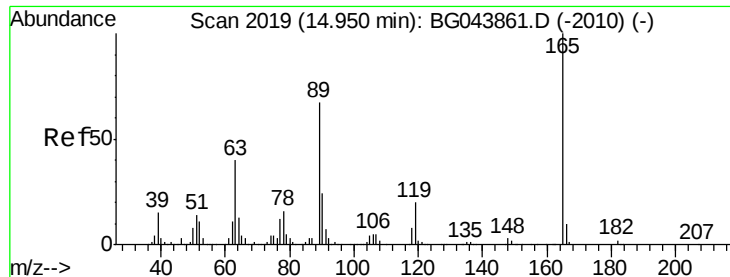
Tot	Ion:168	Resp:	442613
Ion	Ratio	Lower	Upper
168	100		
139	36.3	32.2	48.2
169	13.6	12.2	18.2



#56
4-Nitrophenol
Concen: 9.455 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

Tgt Ion:139	Resp: 62963
Ion Ratio	Lower Upper
139 100	
109 72.8	50.4 90.4
65 89.8	71.4 111.4

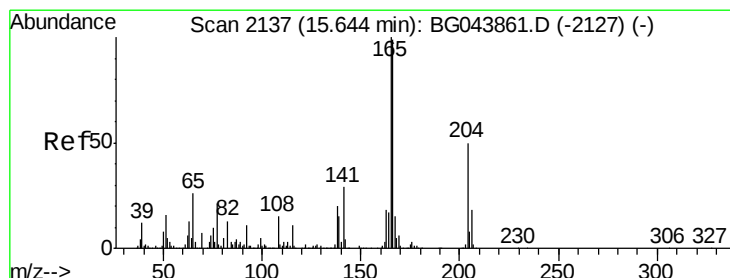
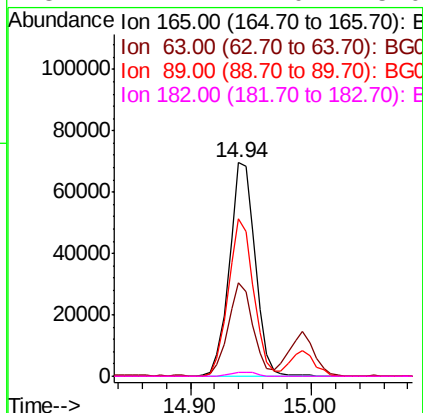
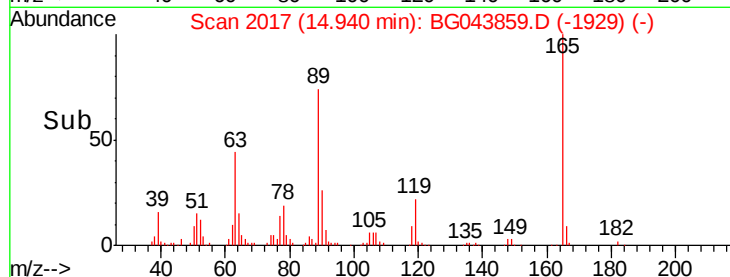
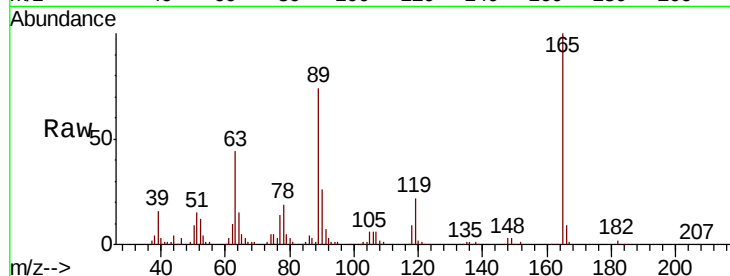




#57
2,4-Dinitrotoluene
Concen: 9.958 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

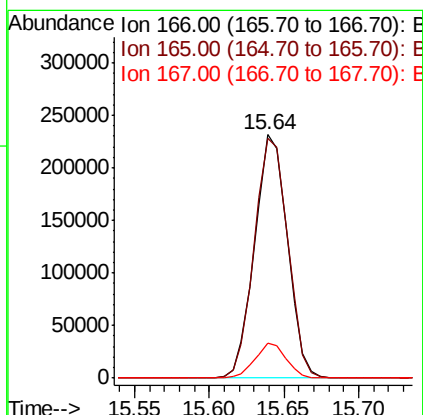
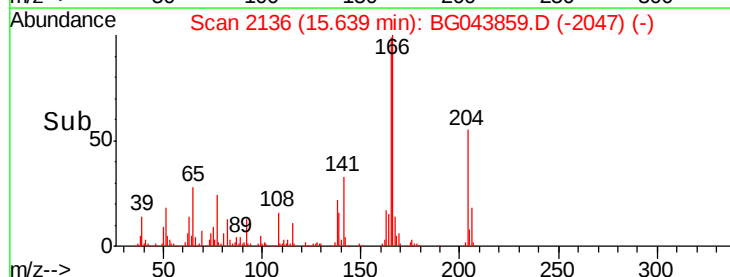
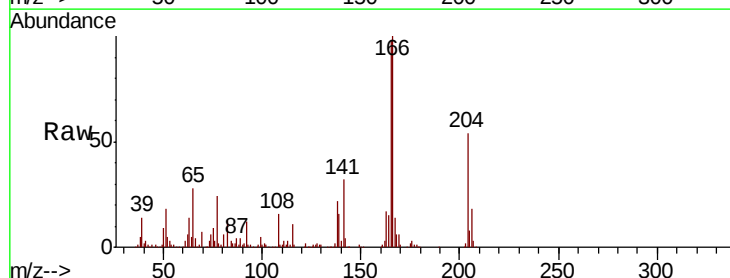
Instrument :
BNA_G
ClientSampleId :

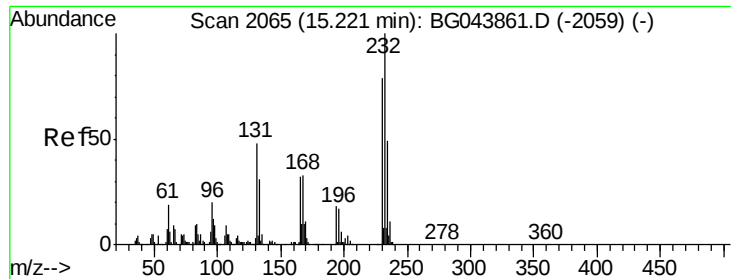
Tot Ion:165 Resp: 103071
Ion Ratio Lower Upper
165 100
63 44.1 31.9 47.9
89 73.9 53.8 80.6
182 2.1 2.0 3.0



#58
Fluorene
Concen: 11.483 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

Tgt Ion:166 Resp: 350753
Ion Ratio Lower Upper
166 100
165 98.2 80.8 121.2
167 14.4 12.1 18.1

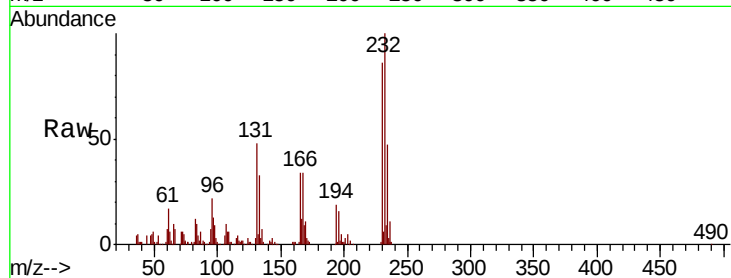




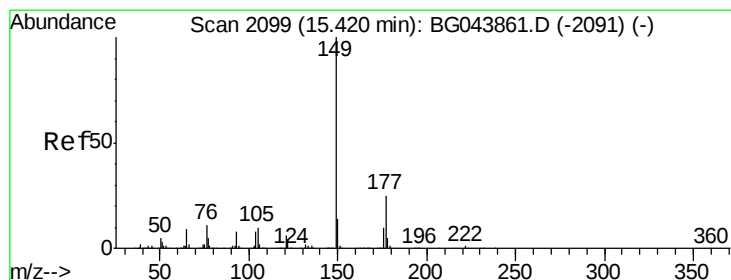
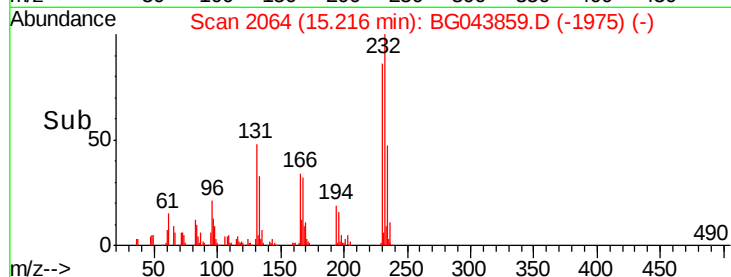
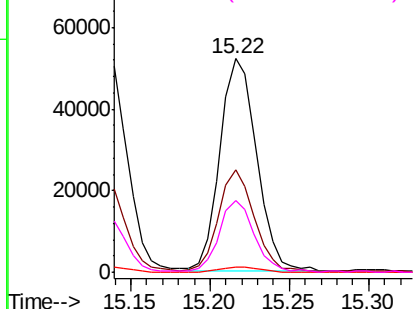
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 9.797 ng
 RT: 15.22 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BG043859.D
 Acq: 30 Dec 2019 9:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	83847
Ion Ratio	Lower	Upper
232	100	
131	46.2	38.2 57.2
130	2.6	2.2 3.2
166	32.7	26.4 39.6

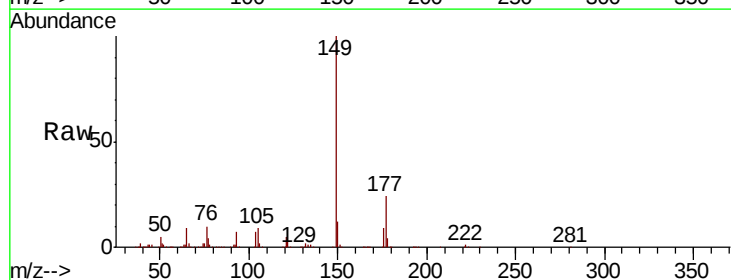


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

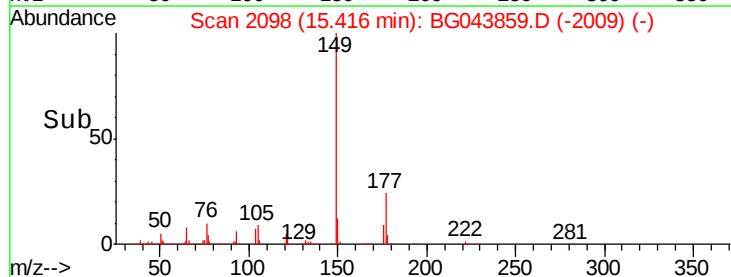
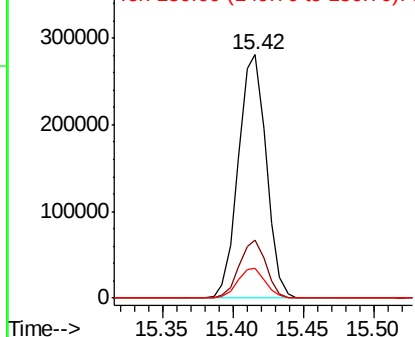


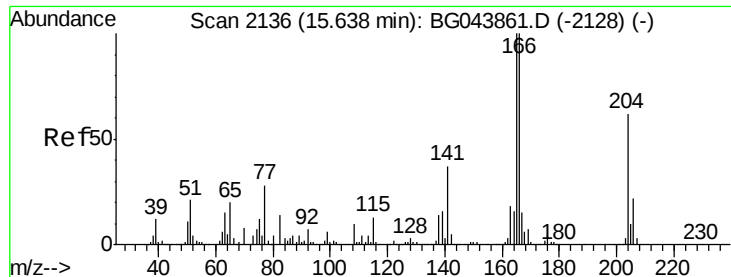
#60
 Diethylphthalate
 Concen: 11.423 ng
 RT: 15.42 min Scan# 2098
 Delta R.T. -0.00 min
 Lab File: BG043859.D
 Acq: 30 Dec 2019 9:28

Tgt Ion:149	Resp:	387484
Ion Ratio	Lower	Upper
149	100	
177	23.7	20.0 30.0
150	12.2	11.1 16.7



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

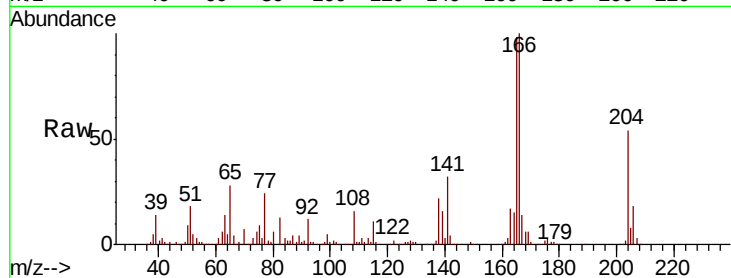




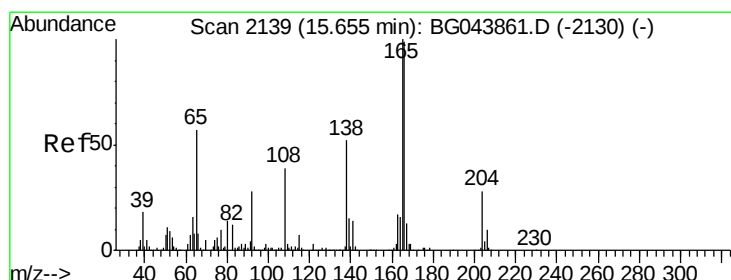
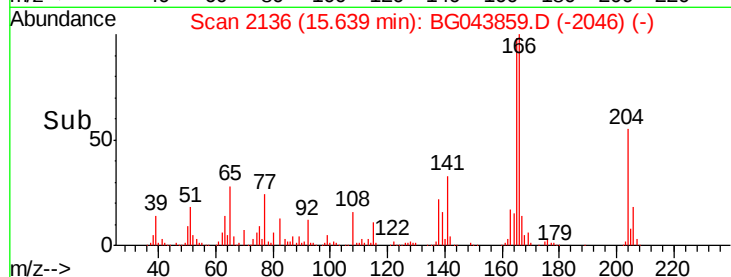
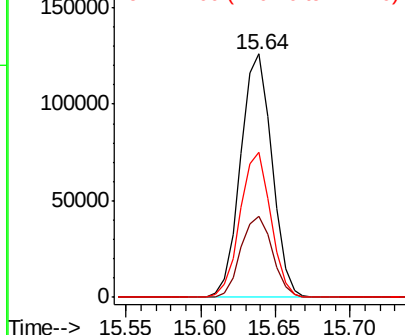
#61
4-Chlorophenyl-phenylether
Concen: 11.152 ng
RT: 15.64 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 183168
Ion Ratio Lower Upper
204 100
206 33.5 28.2 42.2
141 59.7 48.2 72.2

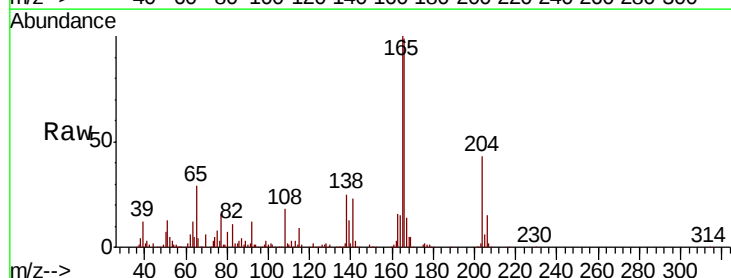


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

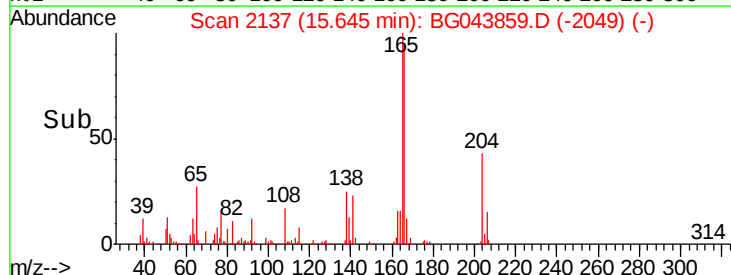
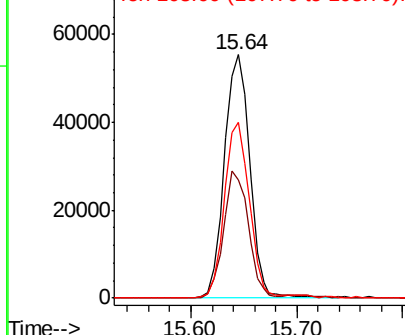


#62
4-Nitroaniline
Concen: 10.860 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

Tgt Ion:138 Resp: 92490
Ion Ratio Lower Upper
138 100
92 48.8 34.3 74.3
108 72.0 55.0 95.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 11.274 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

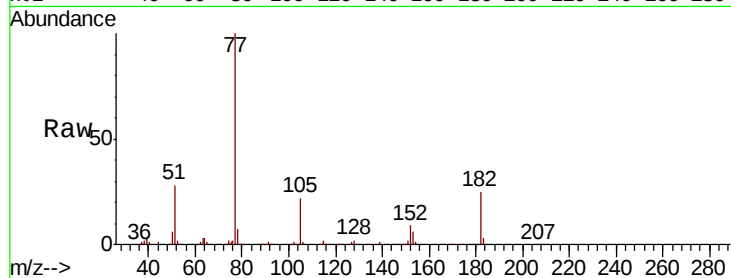
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 355329

Ion	Ratio	Lower	Upper
77	100		
182	24.5	7.3	47.3
105	21.8	3.2	43.2
51	28.0	10.6	50.6

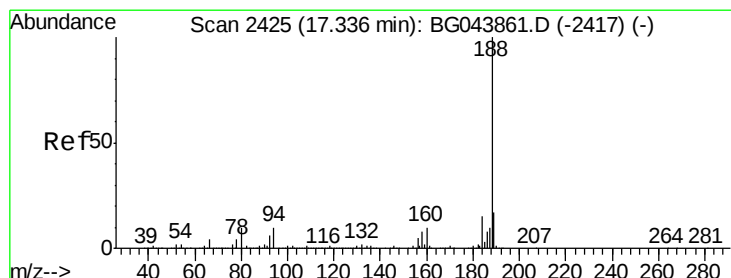
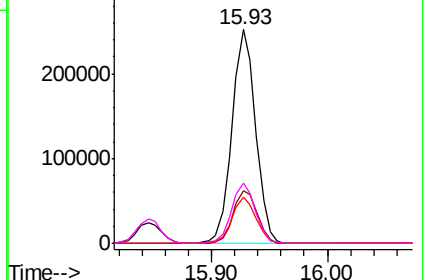
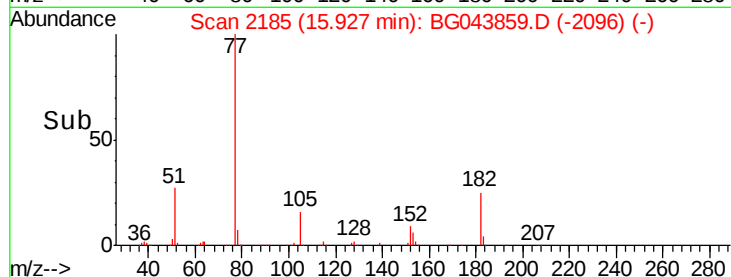


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

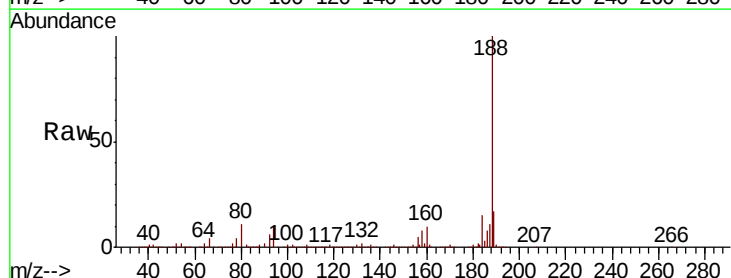
Delta R.T. 0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Tgt Ion: 188 Resp: 990792

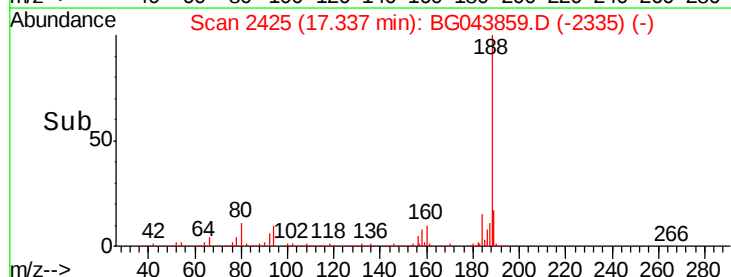
Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.9	11.9
80	11.2	8.2	12.4



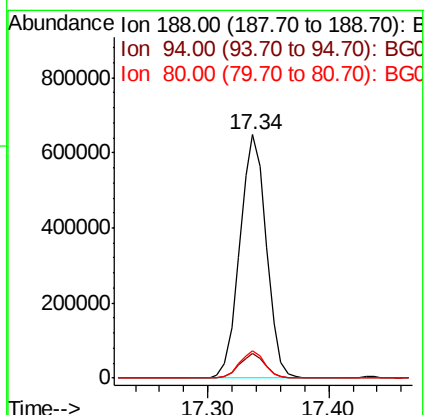
Abundance Ion 188.00 (187.70 to 188.70): BGC

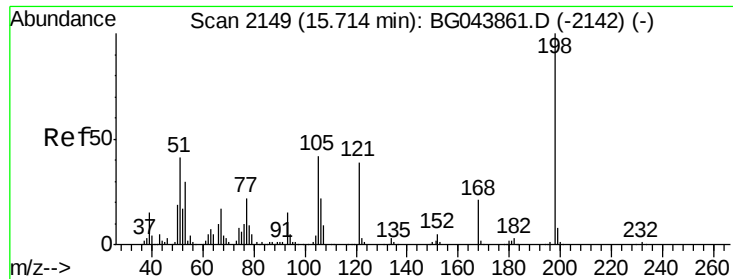
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 7.363 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Instrument :

BNA_G

ClientSampleId :

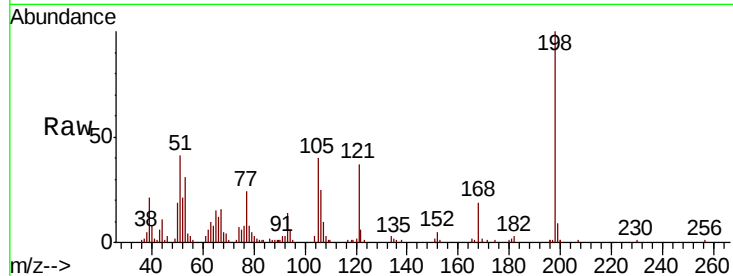
Tot Ion:198 Resp: 34625

Ion Ratio Lower Upper

198 100

51 40.8 22.5 62.5

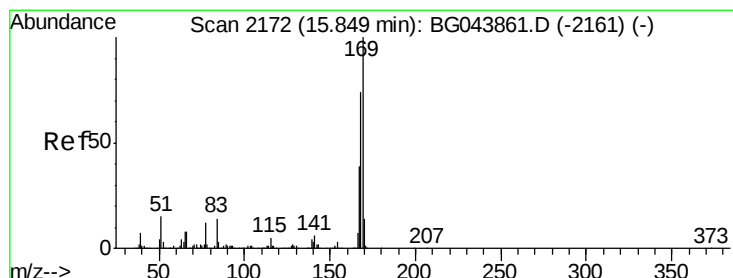
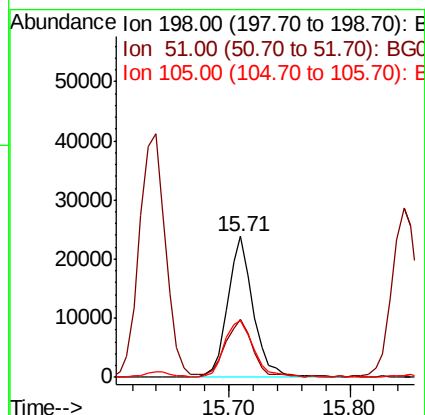
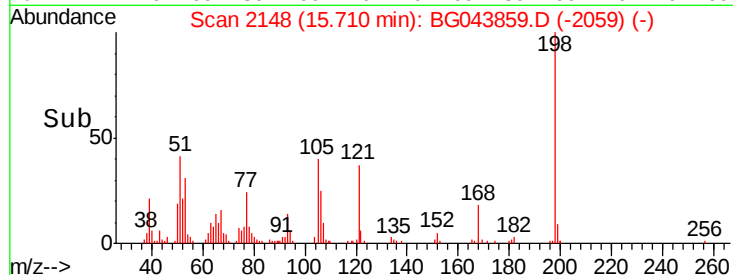
105 40.1 22.3 62.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043859.D (-2059) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 10.815 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

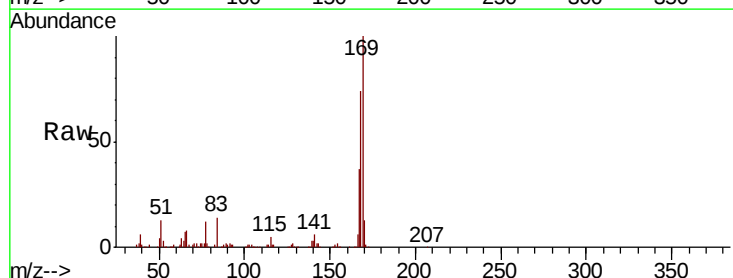
Tgt Ion:169 Resp: 315075

Ion Ratio Lower Upper

169 100

168 73.8 59.0 88.6

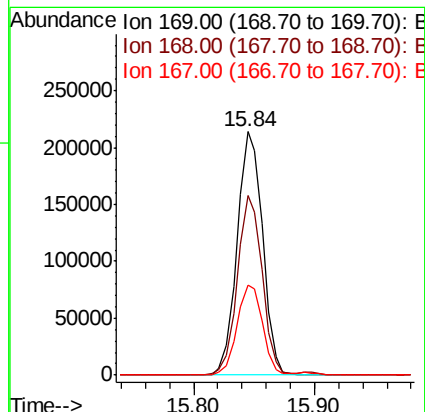
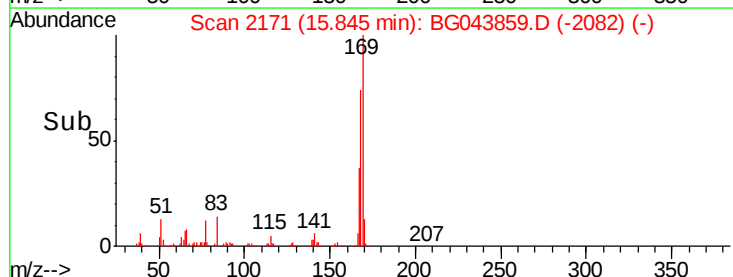
167 37.0 31.4 47.0

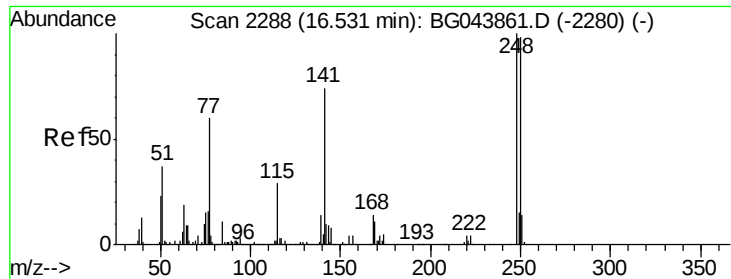


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

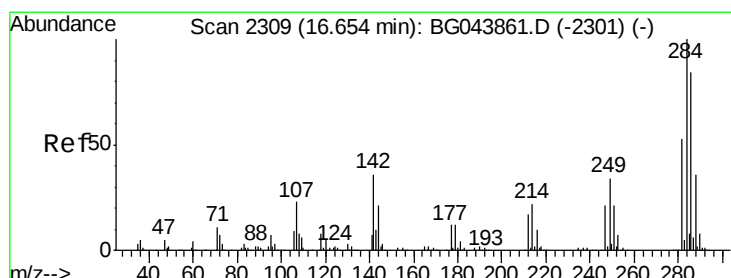
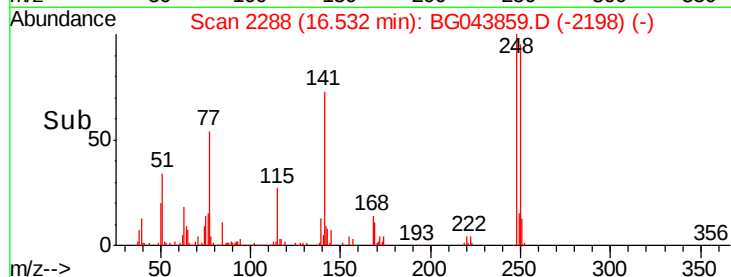
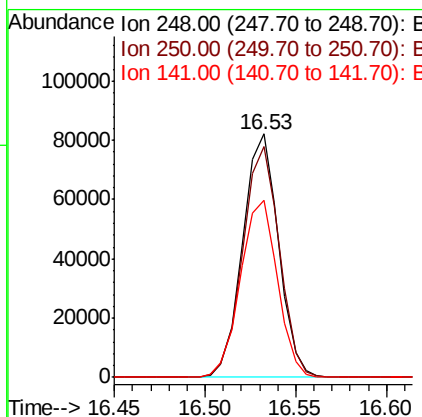
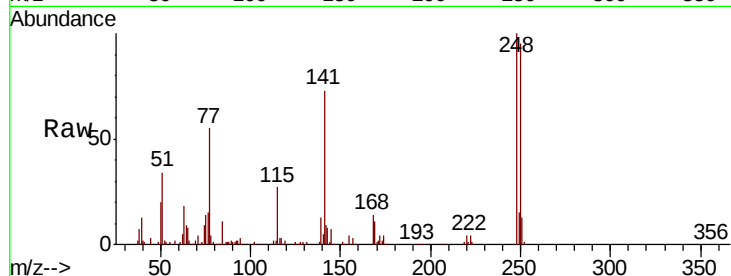




#67
4-Bromophenyl-phenylether
Concen: 10.228 ng
RT: 16.53 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

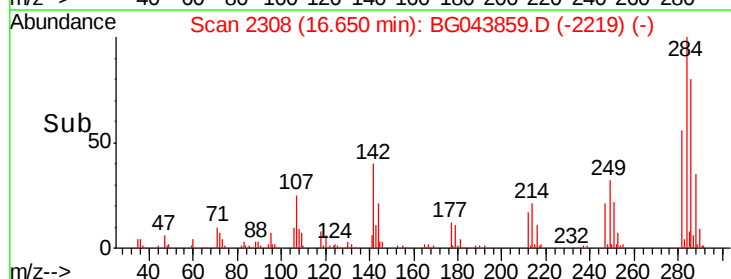
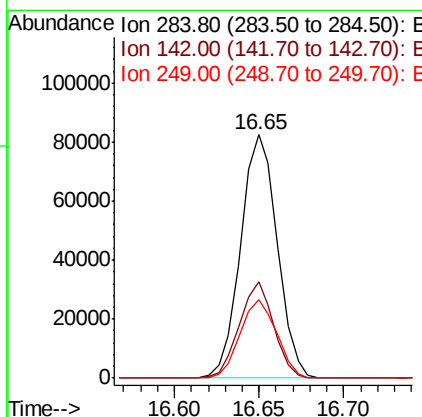
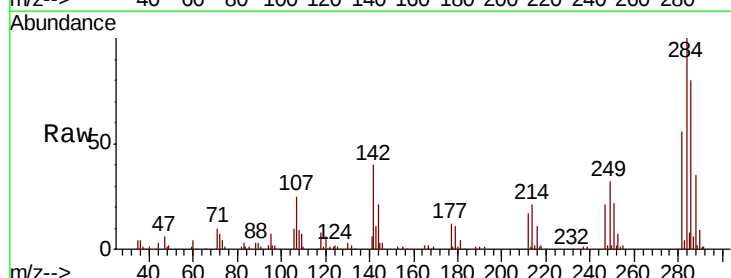
Instrument :
BNA_G
ClientSampled :

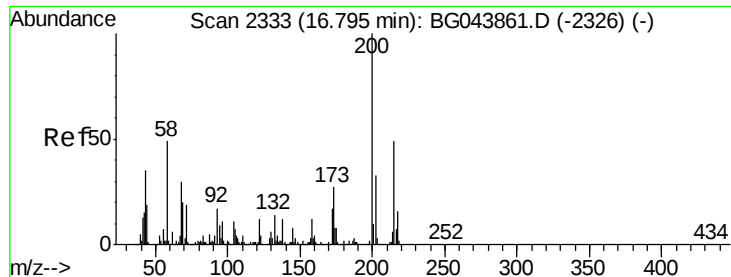
Tot Ion:248 Resp: 113088
Ion Ratio Lower Upper
248 100
250 95.1 78.2 117.2
141 72.7 59.3 88.9



#68
Hexachlorobenzene
Concen: 10.357 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.00 min
Lab File: BG043859.D
Acq: 30 Dec 2019 9:28

Tgt Ion:284 Resp: 124048
Ion Ratio Lower Upper
284 100
142 39.7 28.6 43.0
249 32.2 27.0 40.6





#69

Atrazine

Concen: 11.123 ng

RT: 16.80 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Instrument :

BNA_G

ClientSampleId :

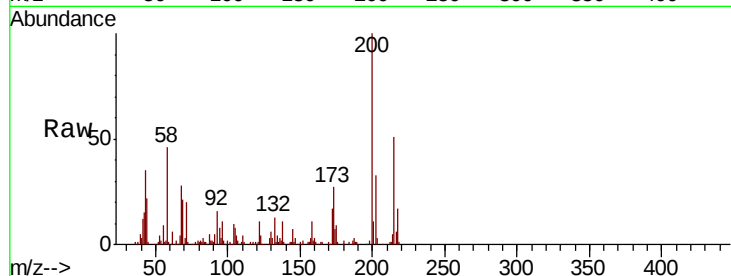
Tot Ion:200 Resp: 106267

Ion Ratio Lower Upper

200 100

173 27.2 6.6 46.6

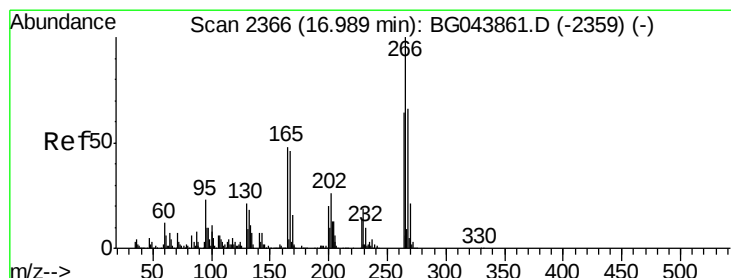
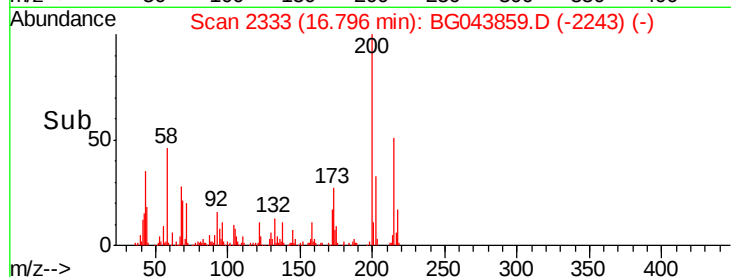
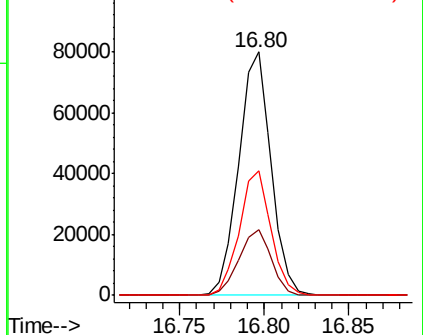
215 51.2 28.6 68.6



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: 8.077 ng

RT: 16.99 min Scan# 2366

Delta R.T. 0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

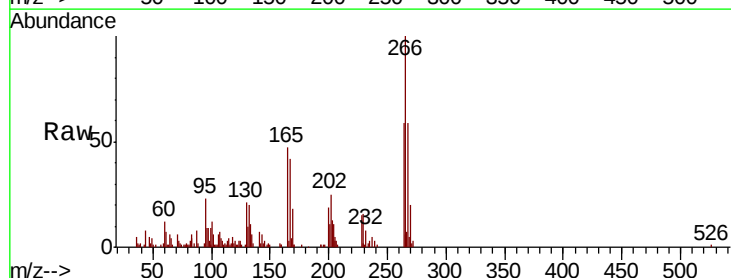
Tgt Ion:266 Resp: 52968

Ion Ratio Lower Upper

266 100

268 59.0 52.6 79.0

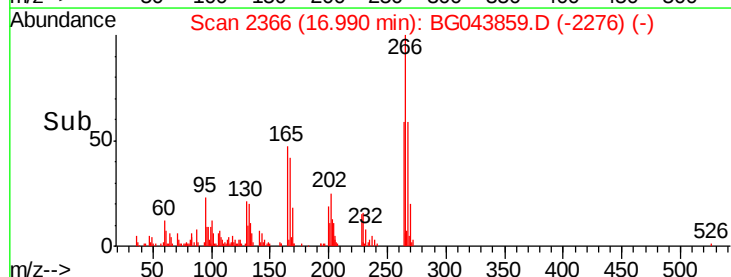
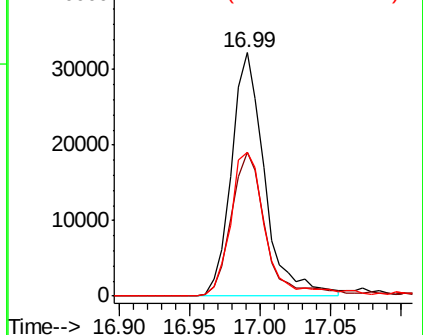
264 59.0 50.8 76.2

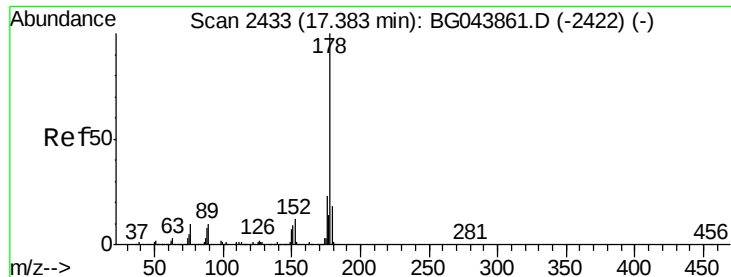


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 11.681 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Instrument :

BNA_G

ClientSampled :

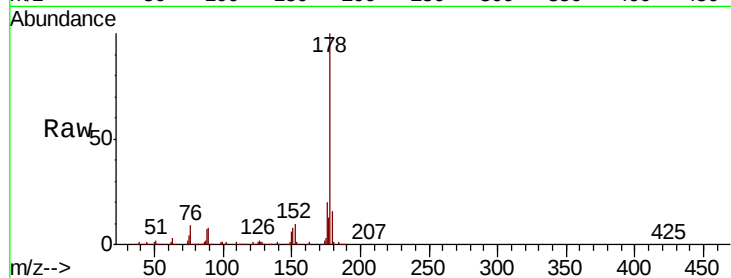
Tot Ion:178 Resp: 555313

Ion Ratio Lower Upper

178 100

176 20.3 18.6 28.0

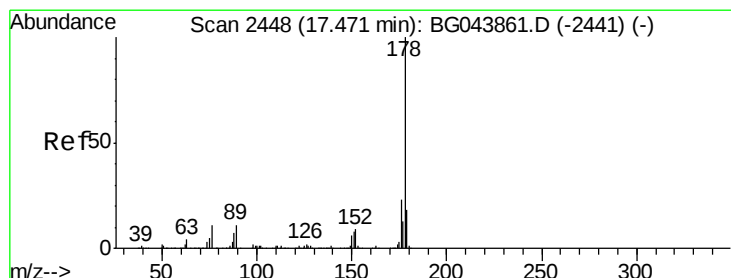
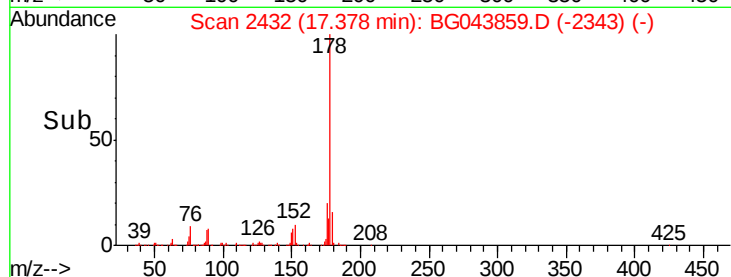
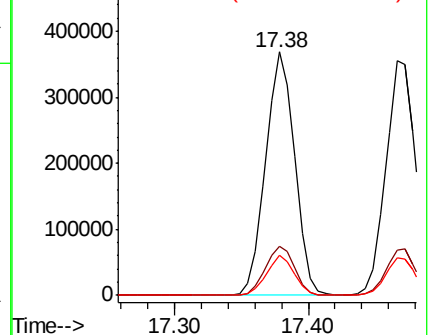
179 16.4 14.4 21.6



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: 11.684 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

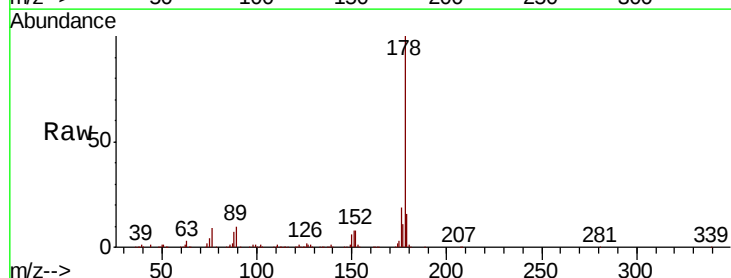
Tgt Ion:178 Resp: 549953

Ion Ratio Lower Upper

178 100

176 19.4 18.3 27.5

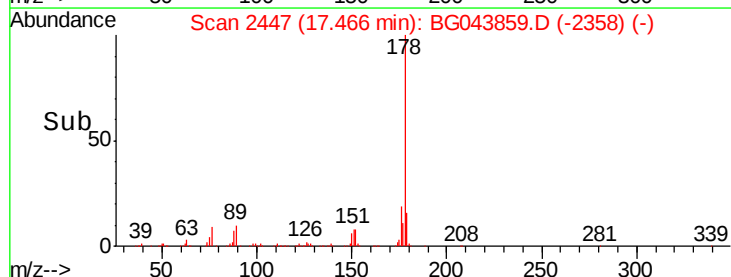
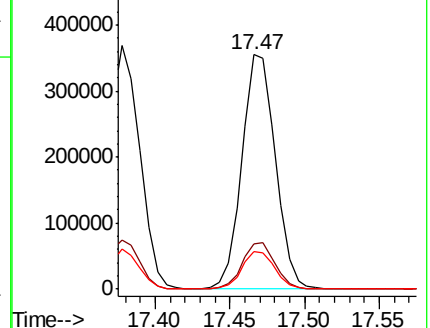
179 15.9 14.6 22.0

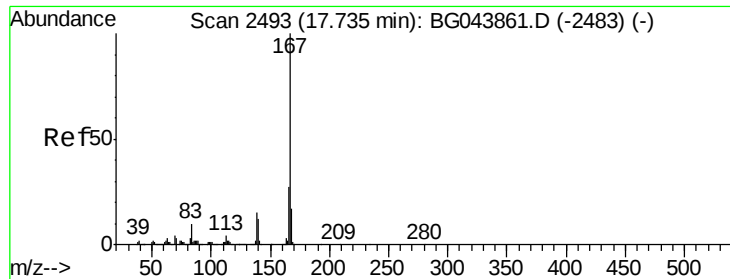


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

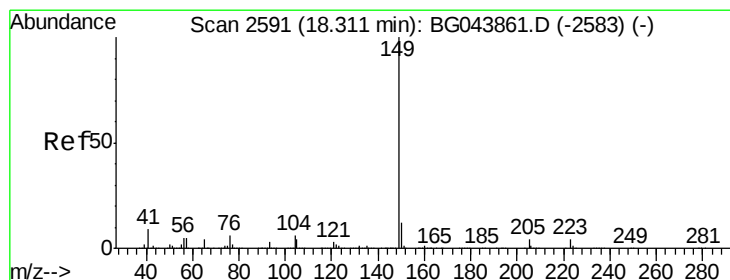
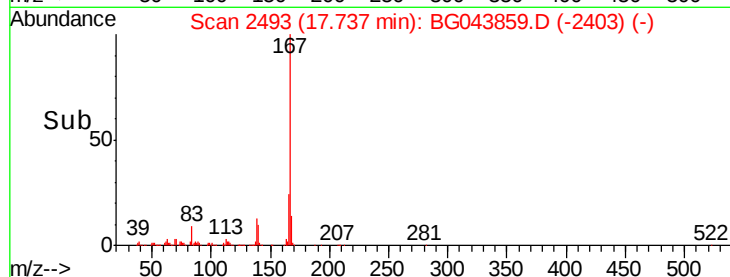
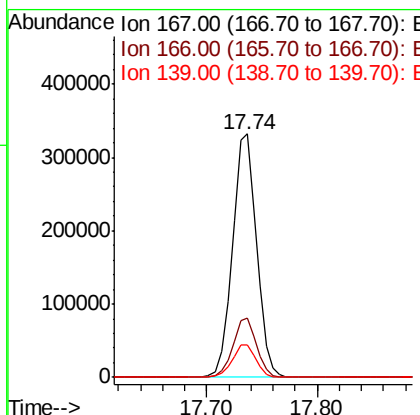
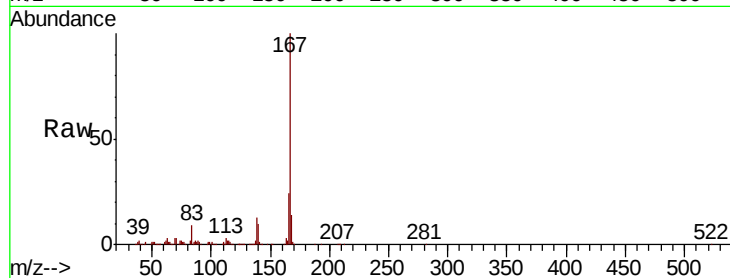




#73
 Carbazole
 Concen: 11.783 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG043859.D
 Acq: 30 Dec 2019 9:28

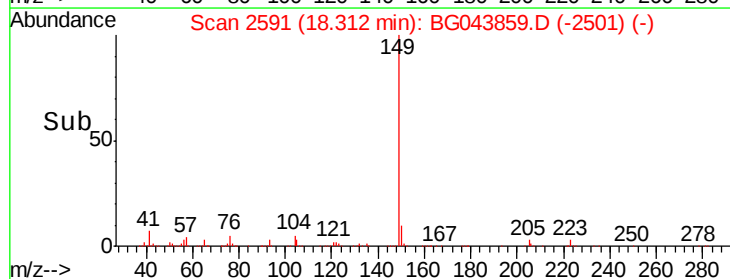
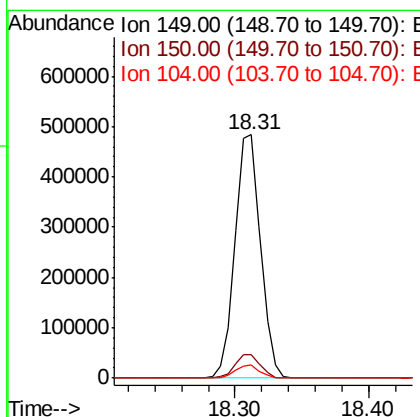
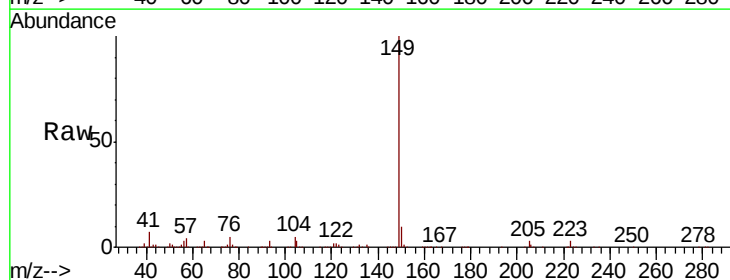
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.4	21.6	32.4
139	13.2	12.1	18.1



#74
 Di-n-butylphthalate
 Concen: 12.475 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG043859.D
 Acq: 30 Dec 2019 9:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	9.7	14.5#
104	5.2	5.0	7.4





#75

Fluoranthene

Concen: 12.313 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Instrument :

BNA_G

ClientSampleId :

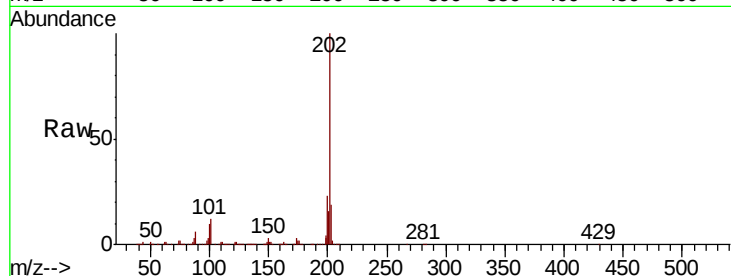
Tot Ion:202 Resp: 631262

Ion Ratio Lower Upper

202 100

101 11.7 0.0 33.3

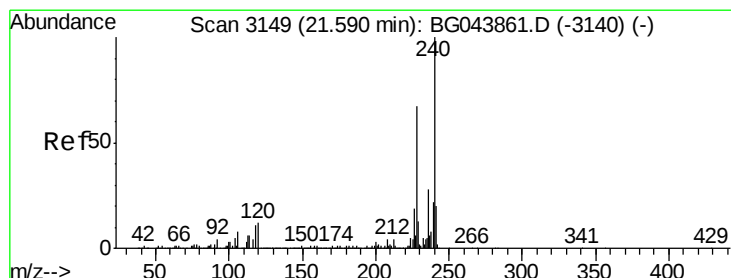
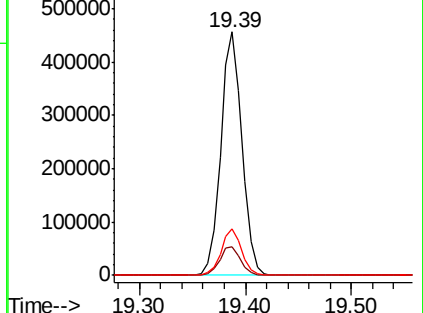
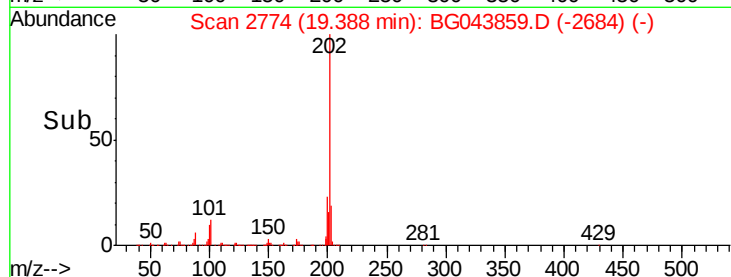
203 18.8 1.6 41.6



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: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

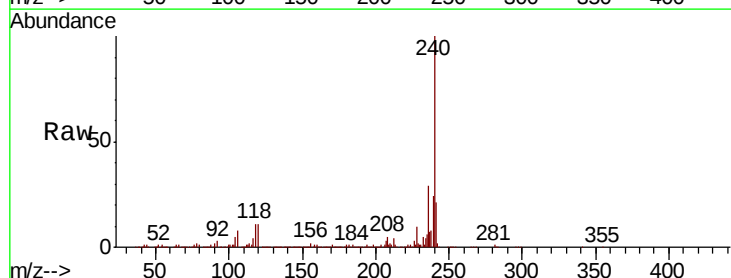
Tgt Ion:240 Resp: 857750

Ion Ratio Lower Upper

240 100

120 11.0 9.6 14.4

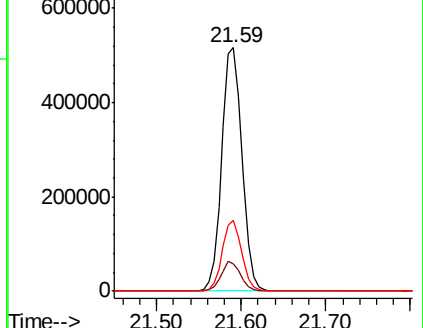
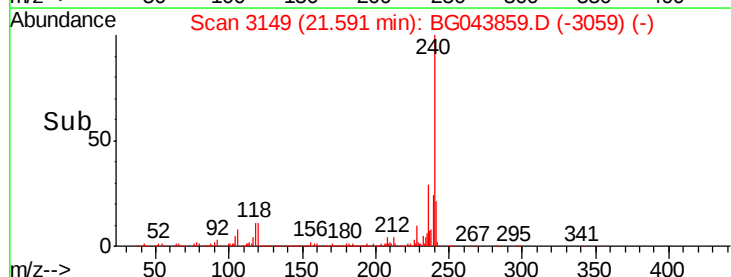
236 29.3 22.2 33.2

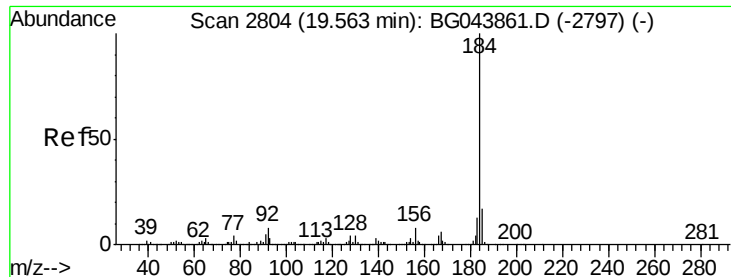


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.968 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

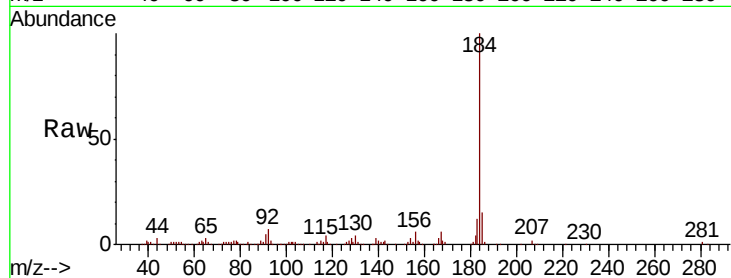
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 205313

Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.4	20.0
183	12.3	10.6	15.8

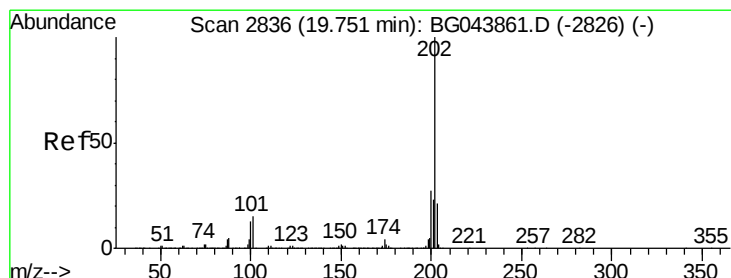
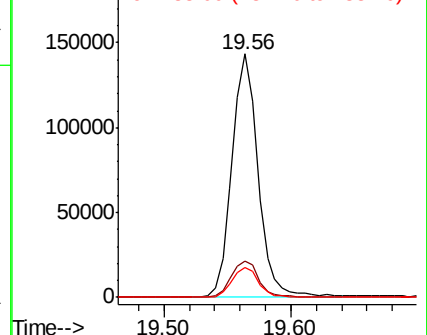
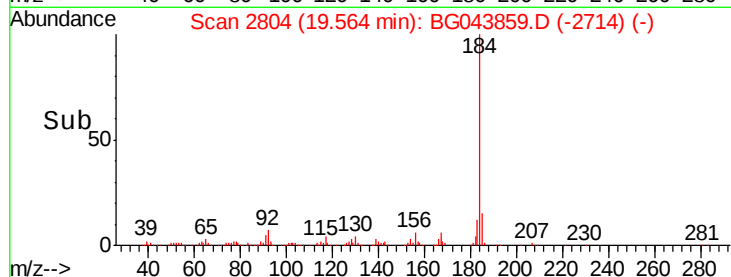


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 12.102 ng

RT: 19.75 min Scan# 2835

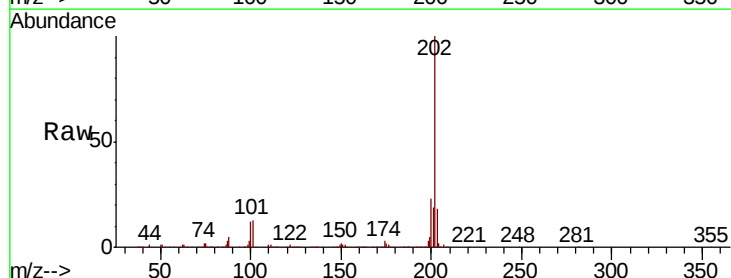
Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Tgt Ion:202 Resp: 652363

Ion	Ratio	Lower	Upper
202	100		
200	22.5	21.7	32.5
203	17.7	17.0	25.6

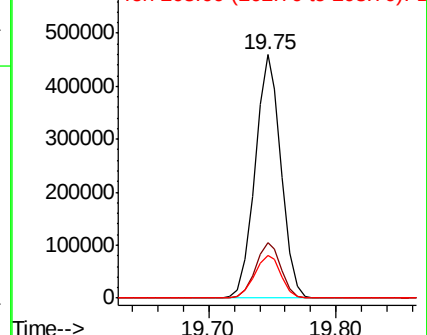
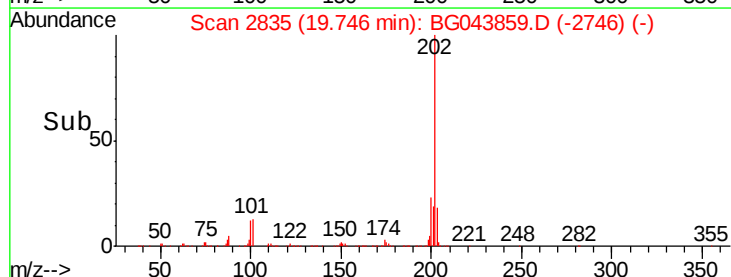


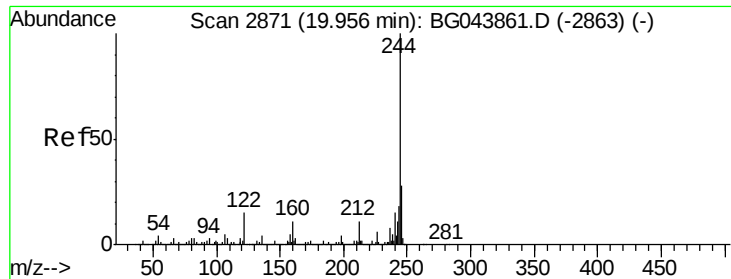
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 24.226 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Instrument :

BNA_G

ClientSampled :

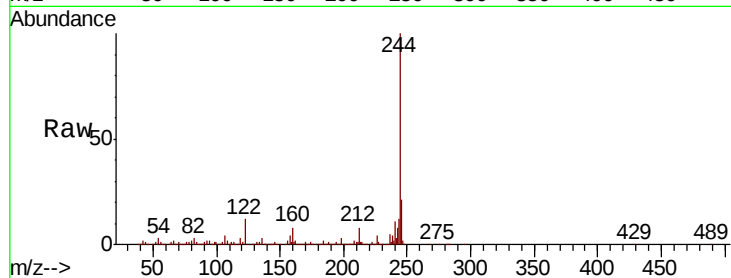
Tot Ion:244 Resp: 934442

Ion Ratio Lower Upper

244 100

212 7.7 8.6 13.0#

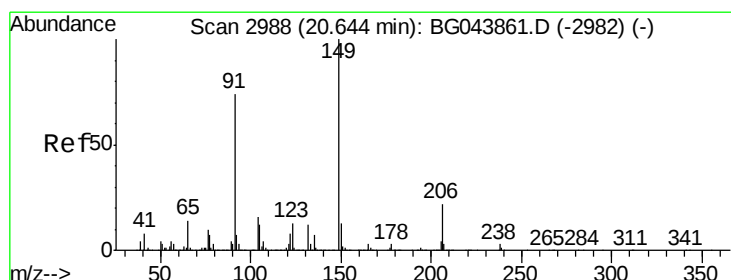
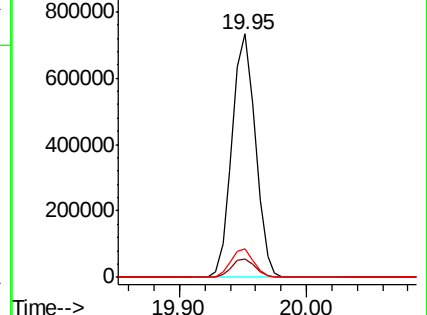
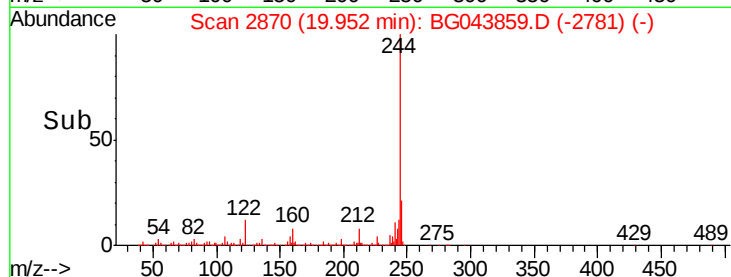
122 11.9 11.9 17.9#



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: 10.435 ng

RT: 20.64 min Scan# 2988

Delta R.T. 0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

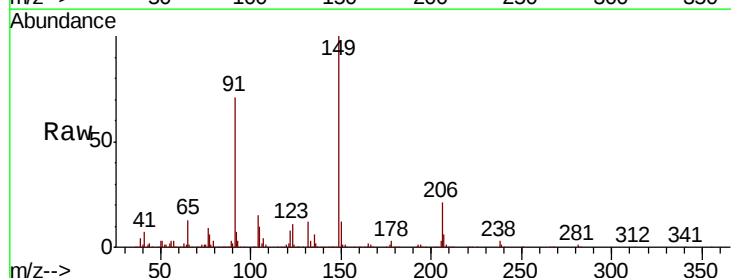
Tgt Ion:149 Resp: 274468

Ion Ratio Lower Upper

149 100

91 70.7 59.5 89.3

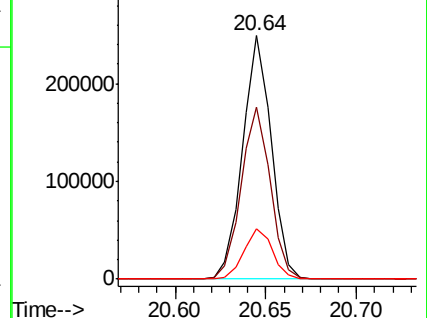
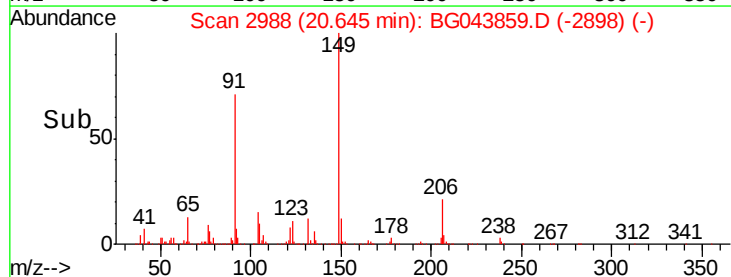
206 20.6 17.8 26.6

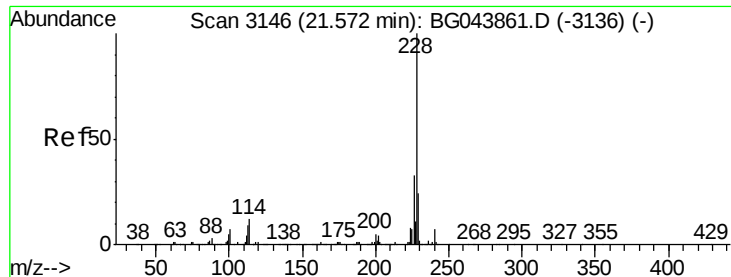


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 11.428 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Instrument :

BNA_G

ClientSampled :

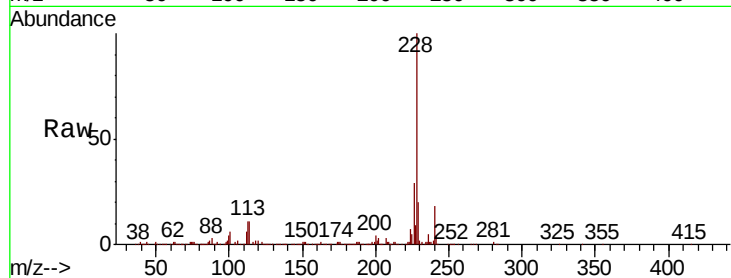
Tot Ion:228 Resp: 607529

Ion Ratio Lower Upper

228 100

226 28.7 26.2 39.4

229 20.1 18.9 28.3

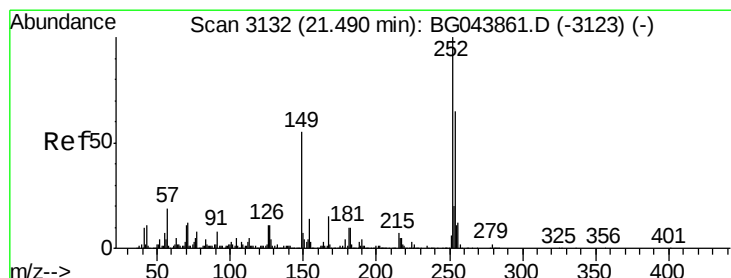
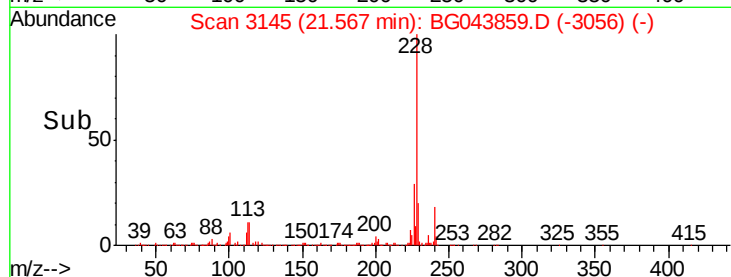
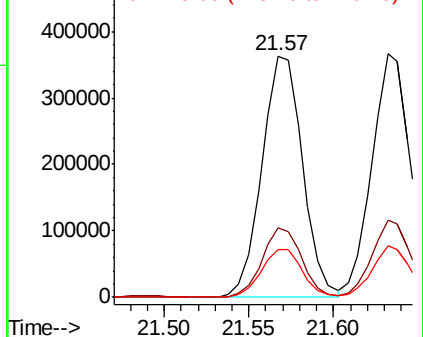


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 10.394 ng

RT: 21.49 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

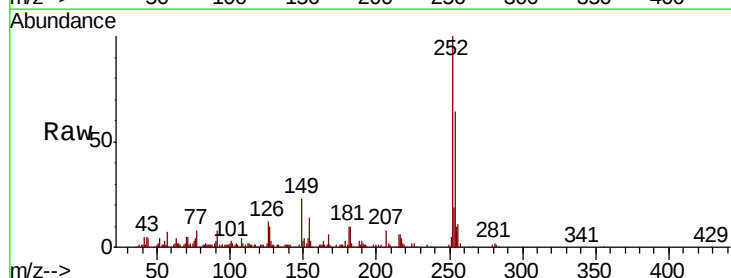
Tgt Ion:252 Resp: 219271

Ion Ratio Lower Upper

252 100

254 63.7 52.1 78.1

126 12.0 9.1 13.7

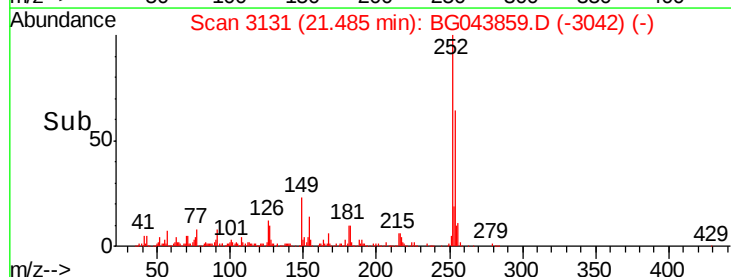
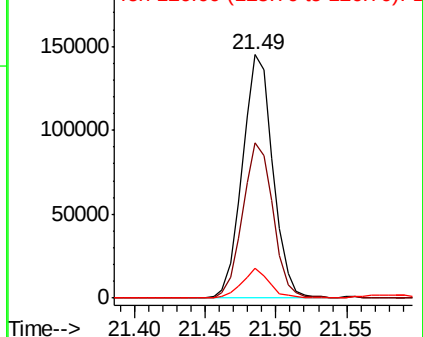


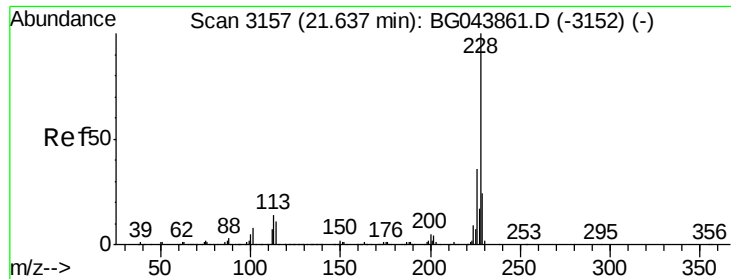
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 11.458 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Instrument :

BNA_G

ClientSampled :

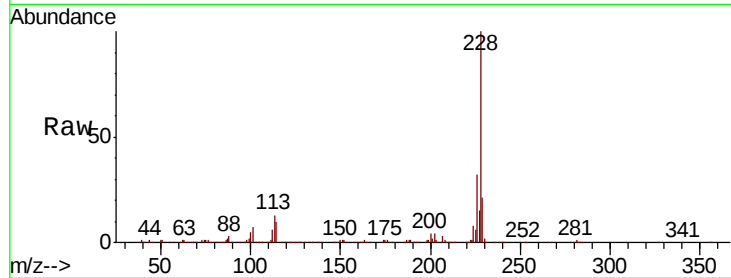
Tot Ion:228 Resp: 579398

Ion Ratio Lower Upper

228 100

226 31.7 28.8 43.2

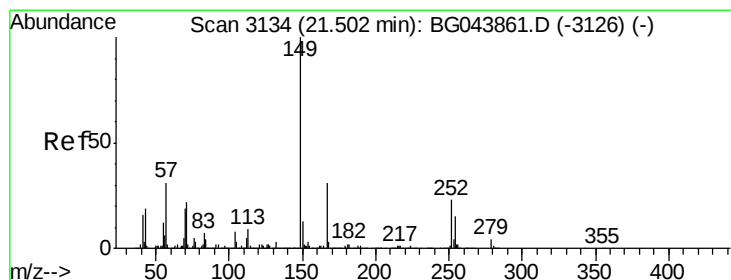
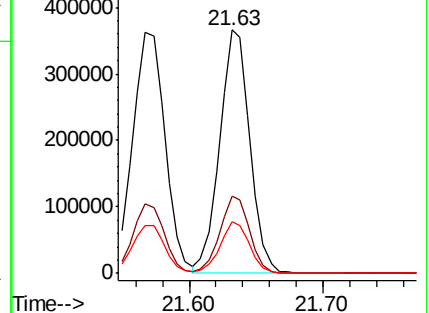
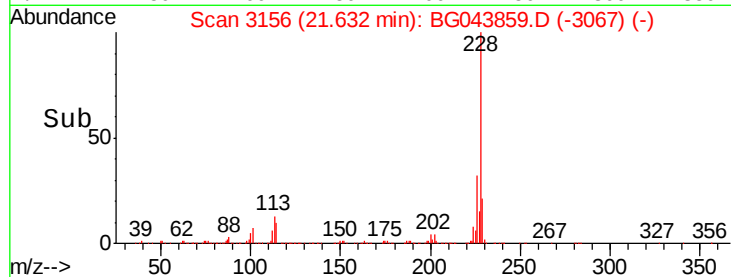
229 21.1 19.0 28.6



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: 11.108 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

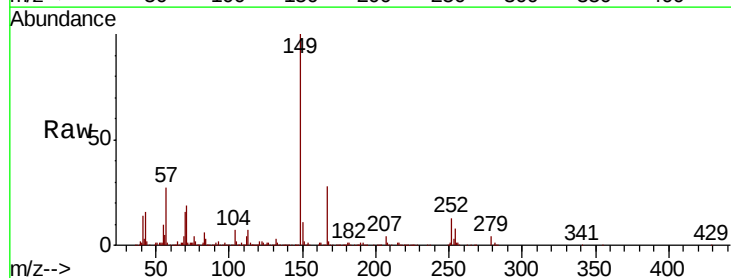
Tgt Ion:149 Resp: 405573

Ion Ratio Lower Upper

149 100

167 27.8 24.7 37.1

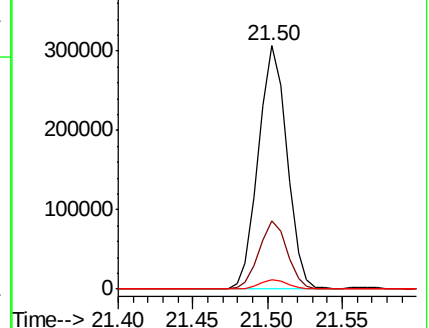
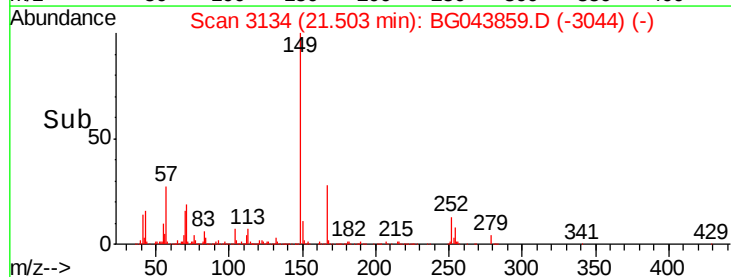
279 3.7 3.3 4.9

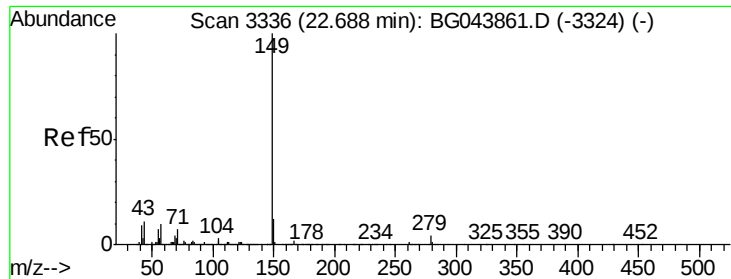


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 10.973 ng

RT: 22.69 min Scan# 3336

Delta R.T. 0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Instrument :

BNA_G

ClientSampleId :

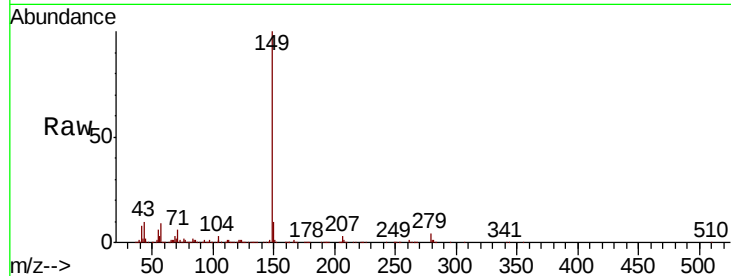
Tot Ion:149 Resp: 673834

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

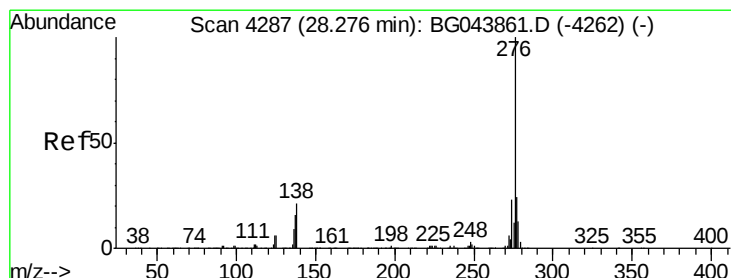
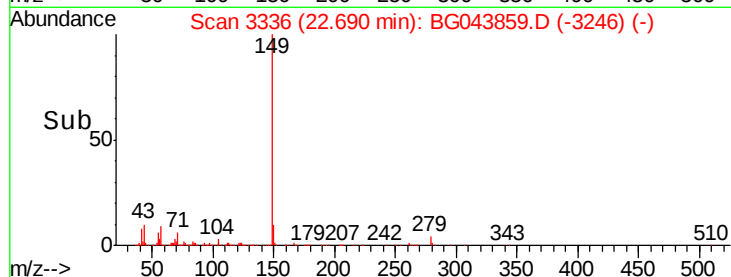
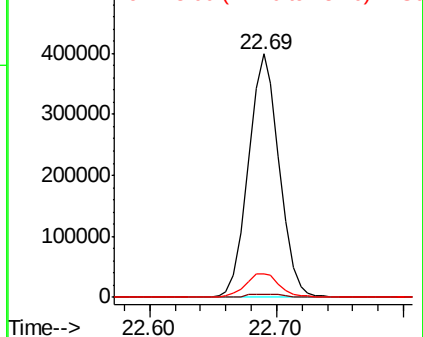
43 10.7 8.8 13.2



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: 9.838 ng

RT: 28.25 min Scan# 4282

Delta R.T. -0.03 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

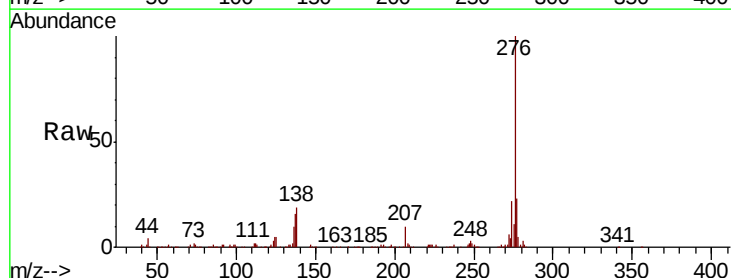
Tgt Ion:276 Resp: 677959

Ion Ratio Lower Upper

276 100

138 17.4 21.0 31.4#

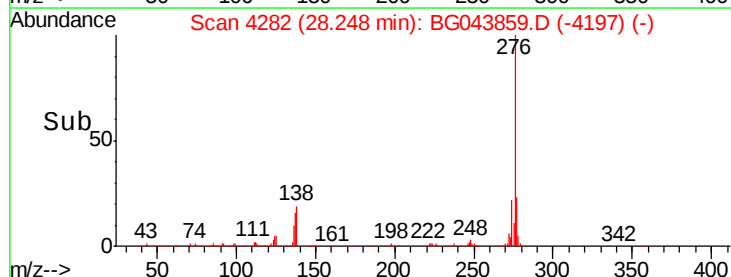
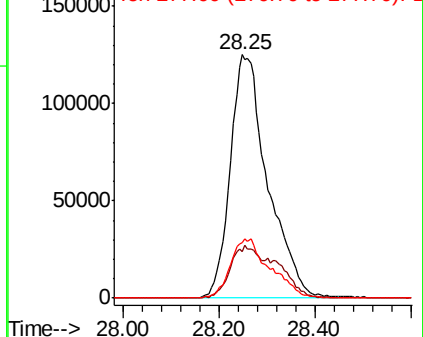
277 25.8 21.1 31.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.72 min Scan# 3682

Delta R.T. 0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Instrument :

BNA_G

ClientSampleId :

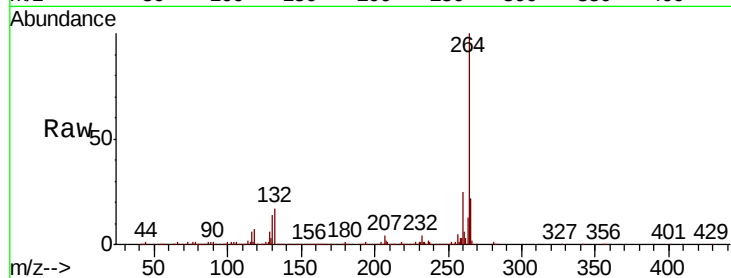
Tot Ion:264 Resp: 975530

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.4	30.6
265	22.2	17.4	26.2

264 100

260 24.8 20.4 30.6

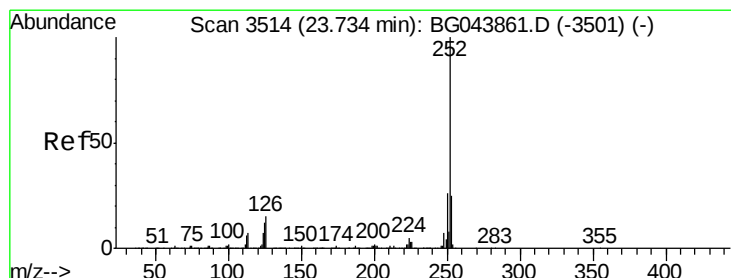
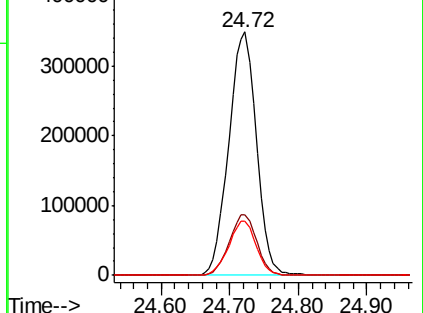
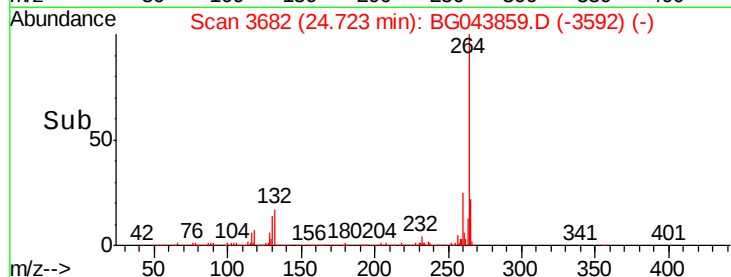
265 22.2 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 10.600 ng

RT: 23.72 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

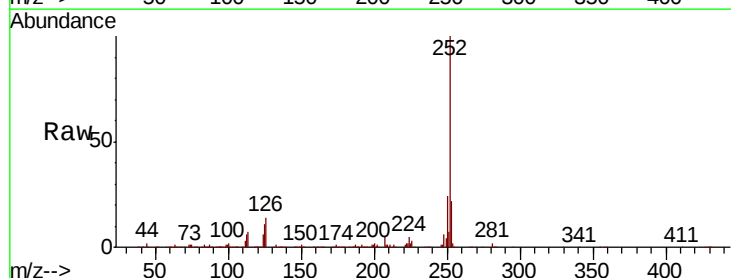
Tgt Ion:252 Resp: 607079

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.7	29.5
125	11.4	9.4	14.2

252 100

253 22.4 19.7 29.5

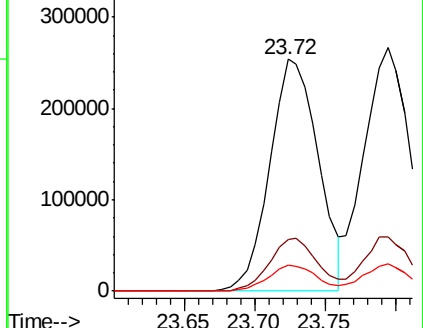
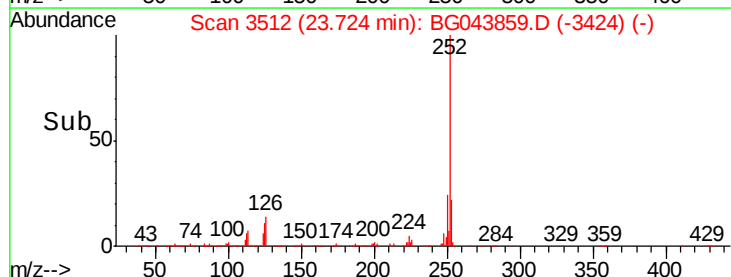
125 11.4 9.4 14.2

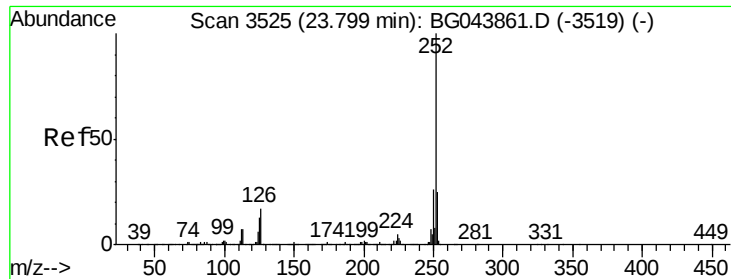


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 11.170 ng

RT: 23.79 min Scan# 3524

Delta R.T. -0.00 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Instrument :

BNA_G

ClientSampleId :

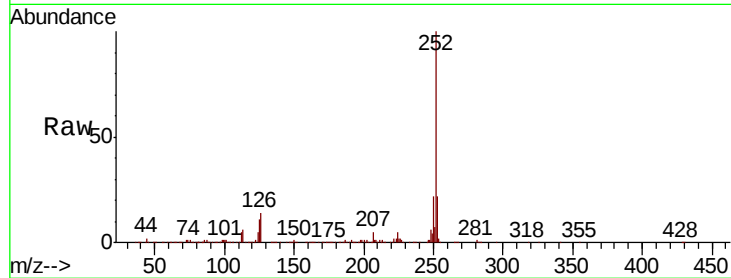
Tot Ion:252 Resp: 613665

Ion Ratio Lower Upper

252 100

253 22.2 19.4 29.2

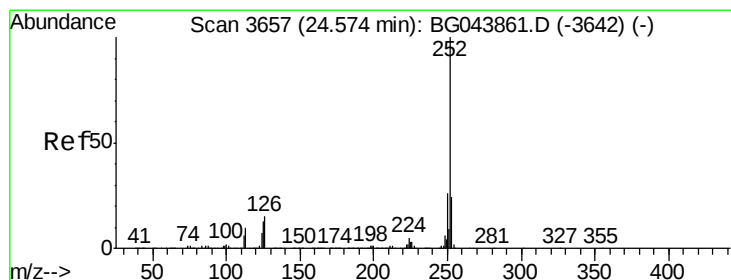
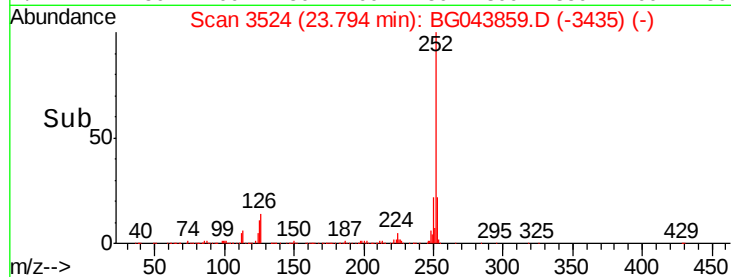
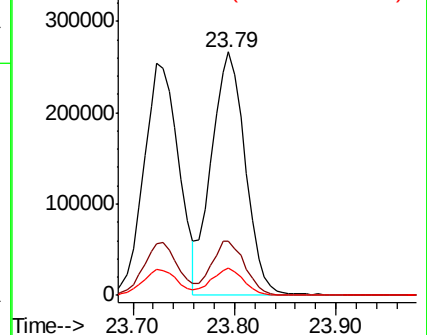
125 11.2 9.9 14.9



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: 10.530 ng

RT: 24.56 min Scan# 3655

Delta R.T. -0.01 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

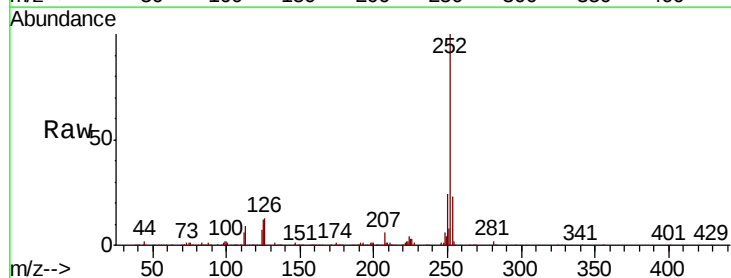
Tgt Ion:252 Resp: 570671

Ion Ratio Lower Upper

252 100

253 23.0 19.3 28.9

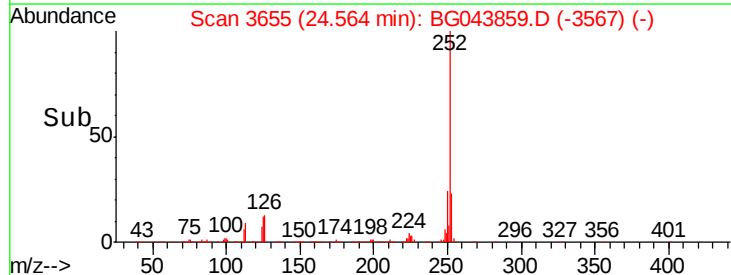
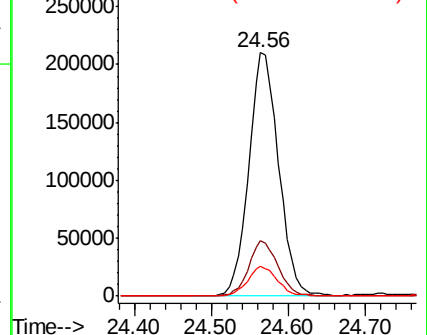
125 12.4 10.4 15.6

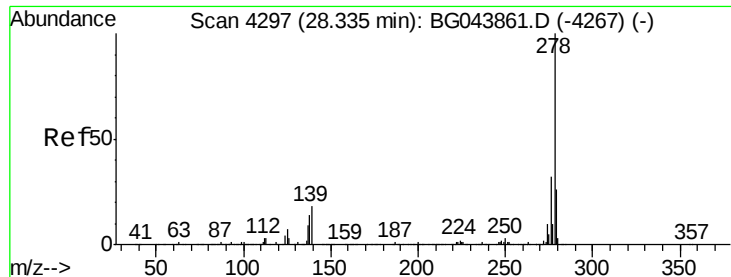


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 10.244 ng

RT: 28.32 min Scan# 4294

Delta R.T. -0.02 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

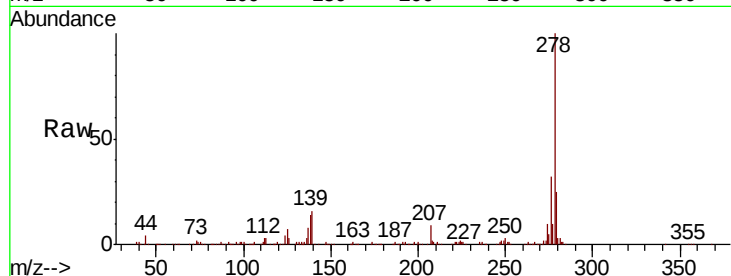
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 561591

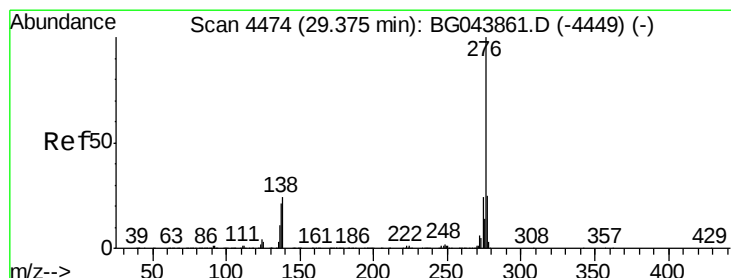
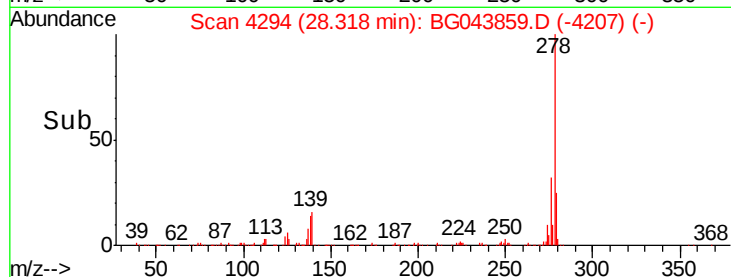
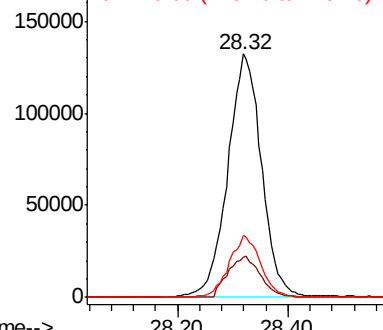
Ion	Ratio	Lower	Upper
278	100		
139	16.4	14.2	21.4
279	25.2	20.6	30.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 10.138 ng

RT: 29.36 min Scan# 4471

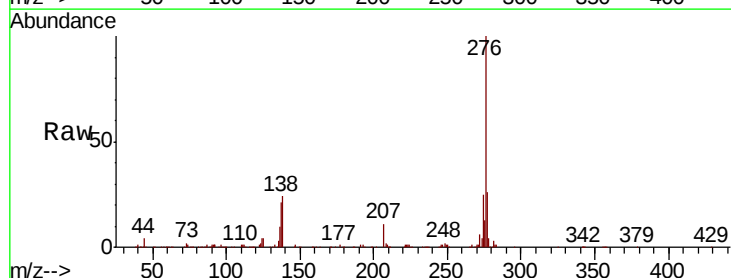
Delta R.T. -0.02 min

Lab File: BG043859.D

Acq: 30 Dec 2019 9:28

Tgt Ion:276 Resp: 549264

Ion	Ratio	Lower	Upper
276	100		
277	25.7	20.2	30.4
138	24.5	19.0	28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

