

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042863.D
 Acq On : 17 Sep 2019 00:18
 Operator : HP/JU
 Sample : K4859-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 17 01:23:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	119233	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	454051	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	312926	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	640423	20.00	ng	0.00
76) Chrysene-d12	21.75	240	609125	20.00	ng	0.00
87) Perylene-d12	25.03	264	678575	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	385404	56.20	ng	0.00
7) Phenol-d6	7.28	99	390198	39.64	ng	0.00
23) Nitrobenzene-d5	9.27	82	648217	74.33	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	421388	101.22	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1354893	68.54	ng	0.00
79) Terphenyl-d14	20.09	244	1821874	66.29	ng	0.00

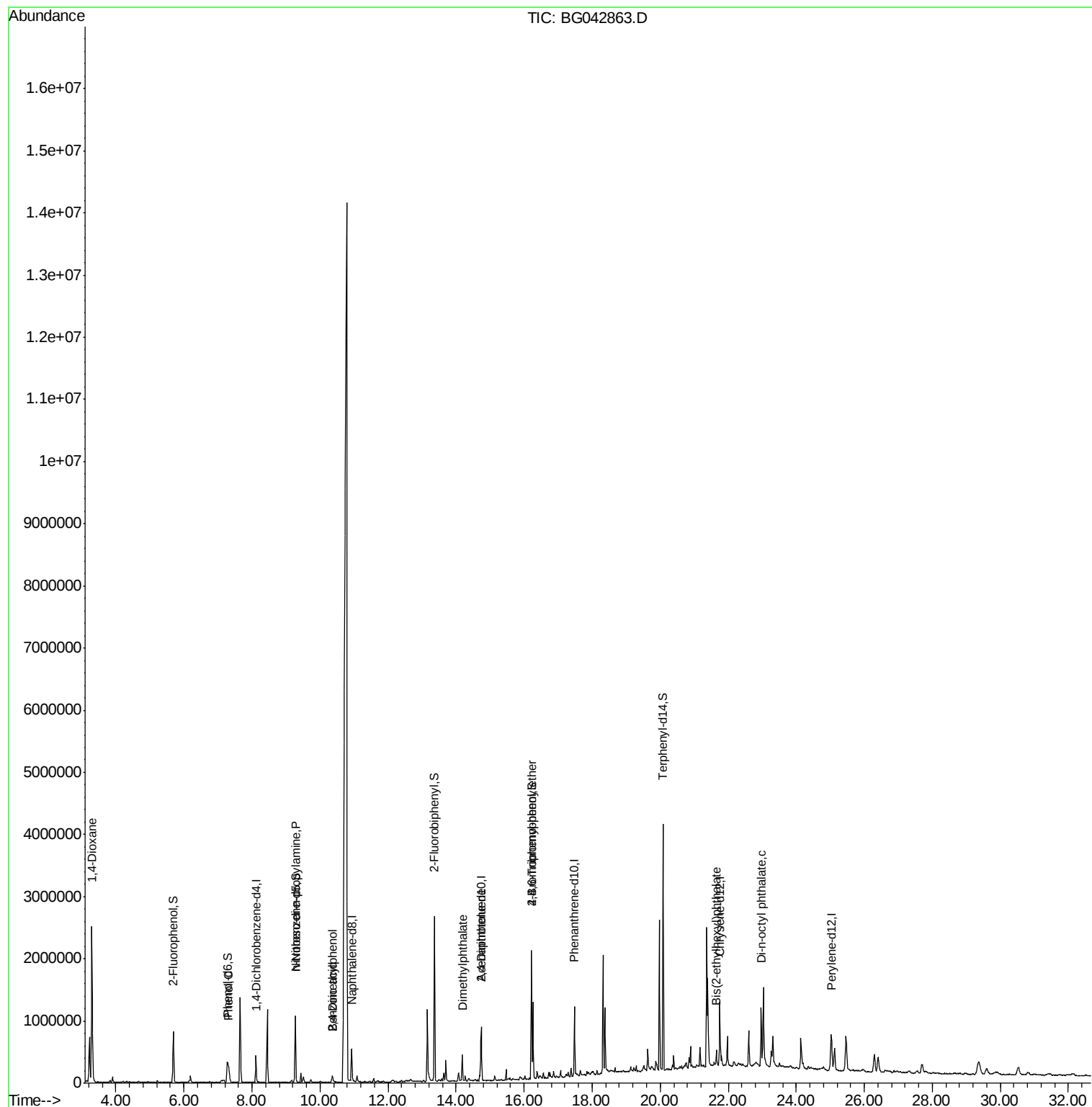
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	23053	7.365	ng	# 1
10) Phenol	7.31	94	116830	11.573	ng	# 92
19) n-Nitroso-di-n-propylamine	9.27	70	91582	12.626	ng	# 66
27) 2,4-Dimethylphenol	10.37	122	45326	7.118	ng	# 3
32) Benzoic acid	10.37	122	45326	13.672	ng	# 77
50) Dimethylphthalate	14.18	163	268319	11.446	ng	# 98
57) 2,4-Dinitrotoluene	14.73	165	44912	7.005	ng	# 23
67) 4-Bromophenyl-phenylether	16.22	248	28114	3.627	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.65	149	95602	4.533	ng	# 98
85) Di-n-octyl phthalate	22.97	149	160771	4.472	ng	# 44

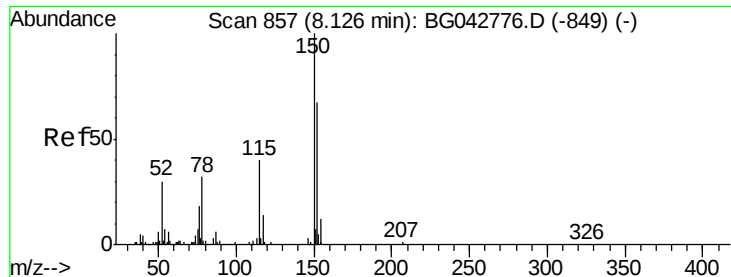
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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BNA_G
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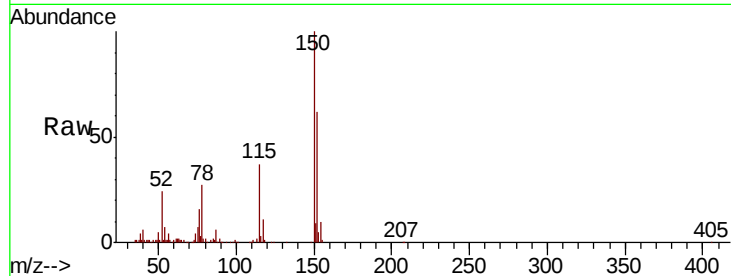


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042863.D
Acq: 17 Sep 2019 00:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	118.9	178.3
115	59.4	47.4	71.2

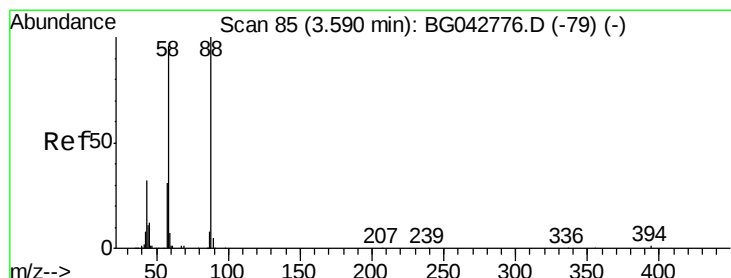
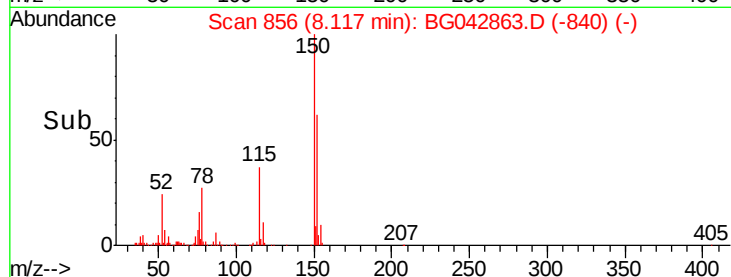
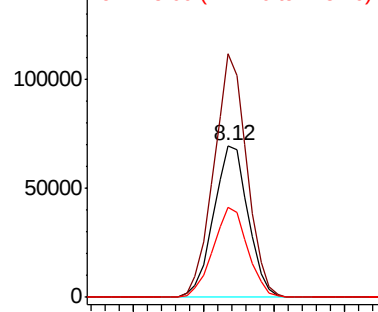


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

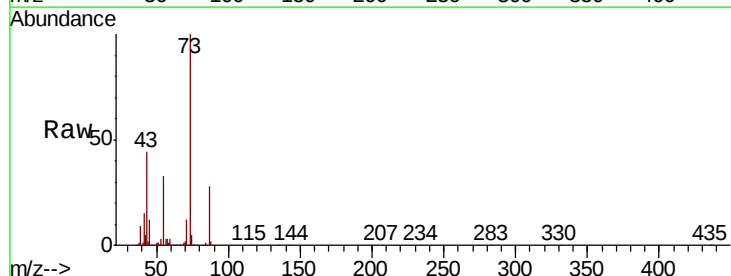
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 7.365 ng
RT: 3.29 min Scan# 35
Delta R.T. -0.30 min
Lab File: BG042863.D
Acq: 17 Sep 2019 00:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	40.0	79.1	118.7#
43	2684.6	30.4	45.6#

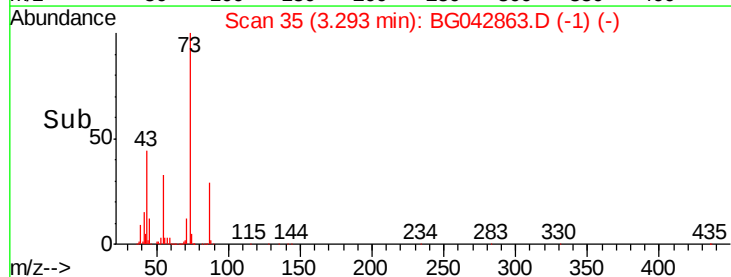
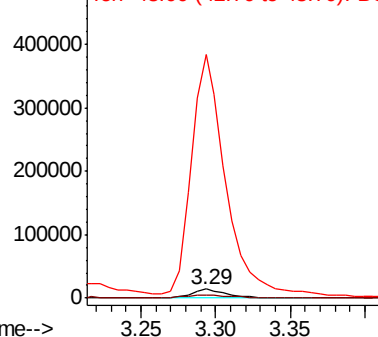


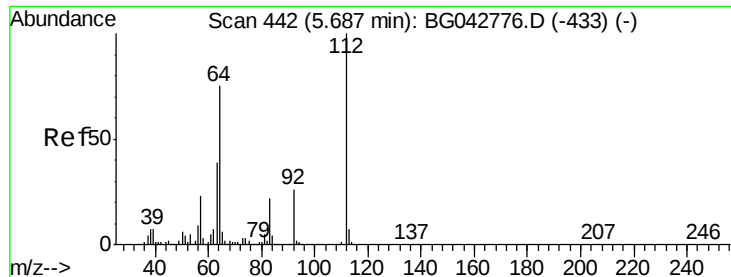
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 56.196 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042863.D

Acq: 17 Sep 2019 00:18

Instrument :

BNA_G

ClientSampled :

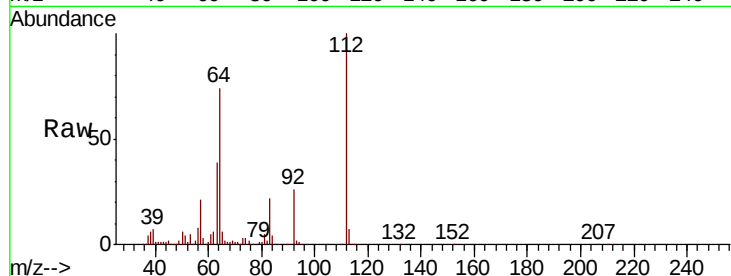
Tot Ion:112 Resp: 385404

Ion Ratio Lower Upper

112 100

64 73.8 60.2 90.2

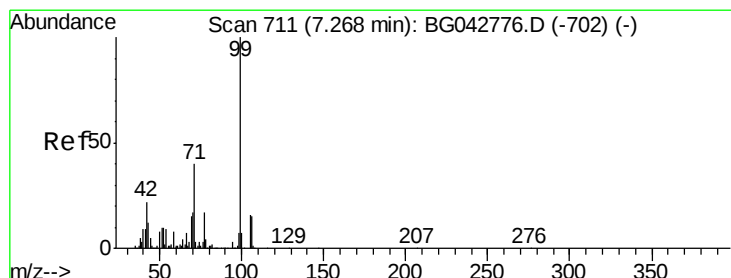
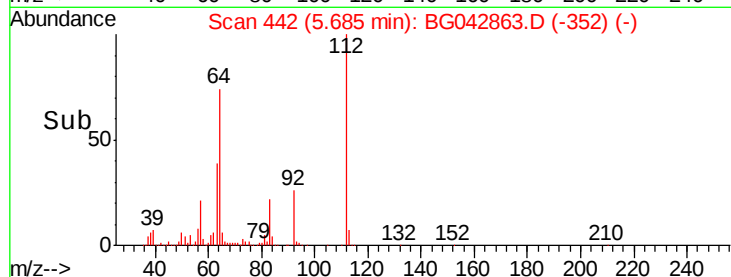
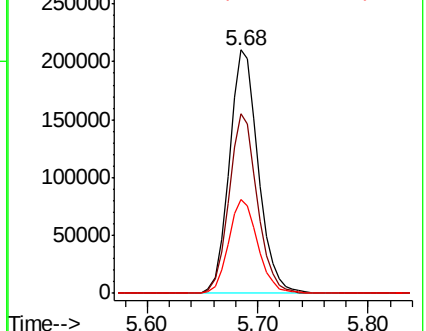
63 38.7 31.2 46.8



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



#7

Phenol-d6

Concen: 39.639 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG042863.D

Acq: 17 Sep 2019 00:18

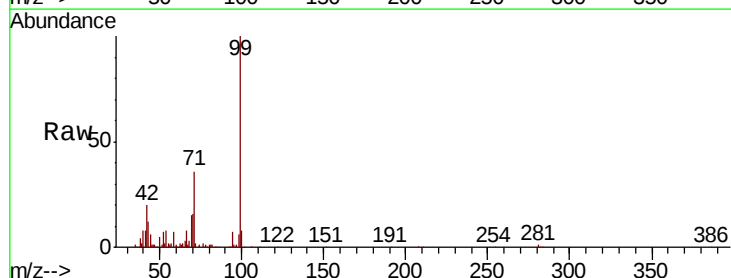
Tgt Ion: 99 Resp: 390198

Ion Ratio Lower Upper

99 100

42 19.9 17.5 26.3

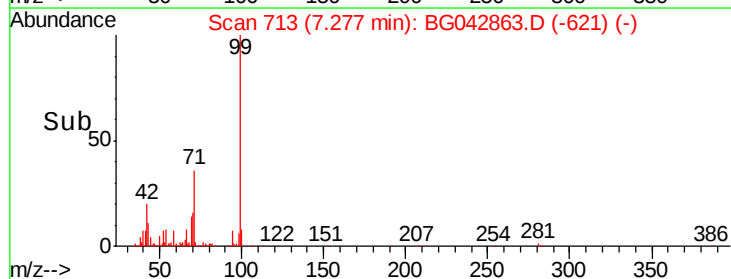
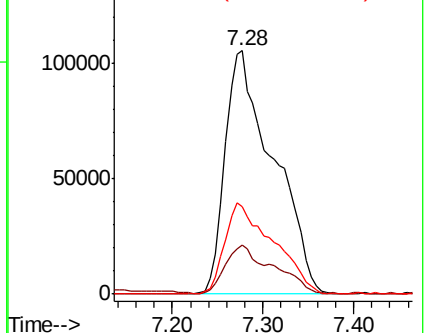
71 36.0 32.0 48.0

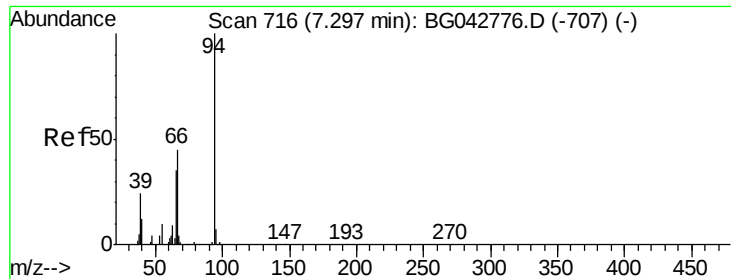


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#10

Phenol

Concen: 11.573 ng

RT: 7.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BG042863.D

Acq: 17 Sep 2019 00:18

Instrument :

BNA_G

ClientSampleId :

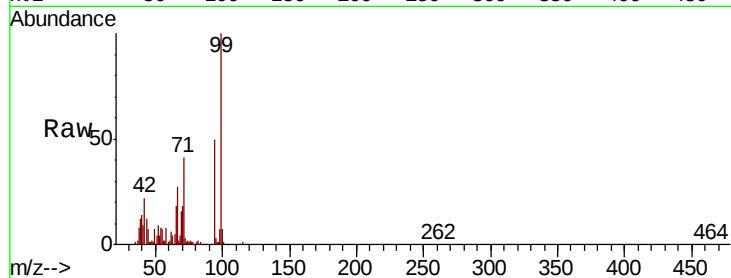
Tot Ion: 94 Resp: 116830

Ion Ratio Lower Upper

94 100

65 36.4 15.0 55.0

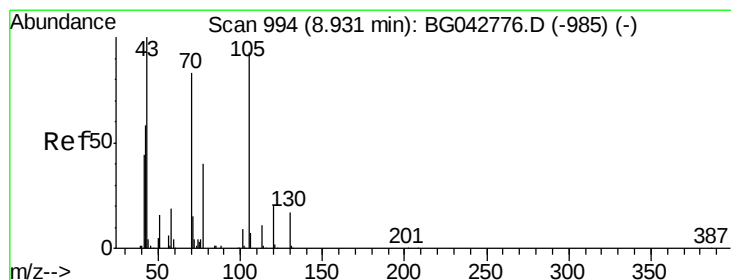
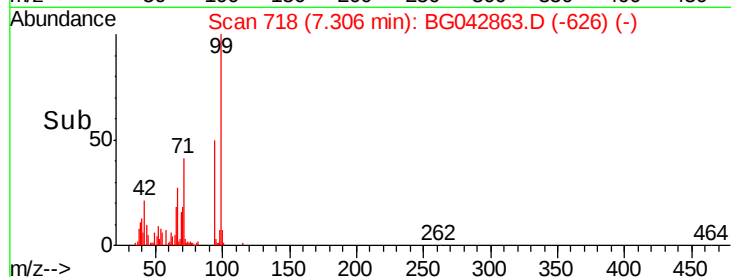
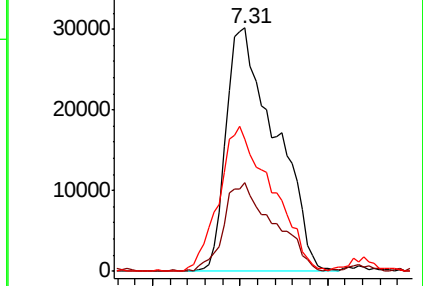
66 54.3 26.1 66.1



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 12.626 ng

RT: 9.27 min Scan# 1053

Delta R.T. 0.34 min

Lab File: BG042863.D

Acq: 17 Sep 2019 00:18

Tgt Ion: 70 Resp: 91582

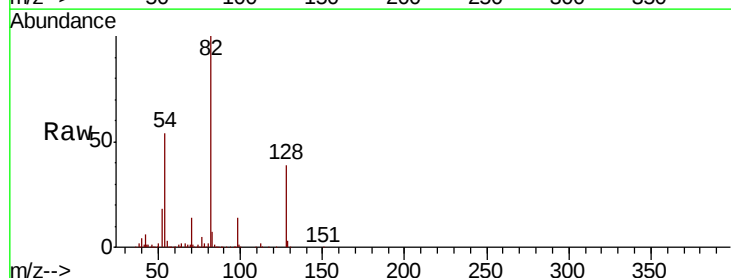
Ion Ratio Lower Upper

70 100

42 43.6 57.0 85.6#

101 0.0 8.4 12.6#

130 2.4 16.1 24.1#

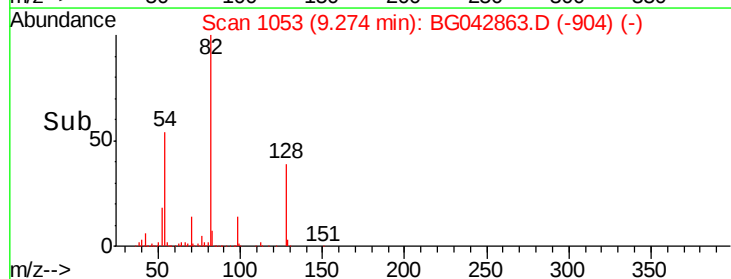
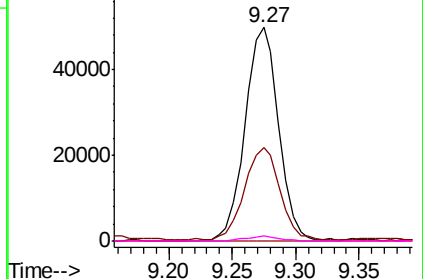


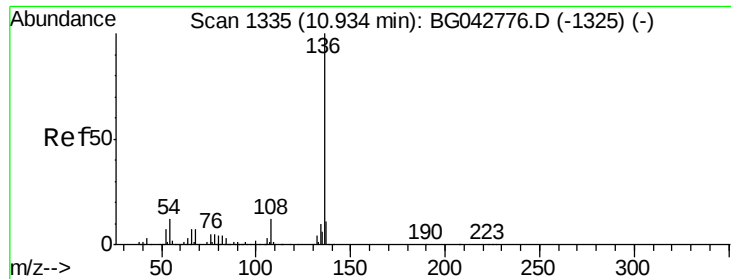
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

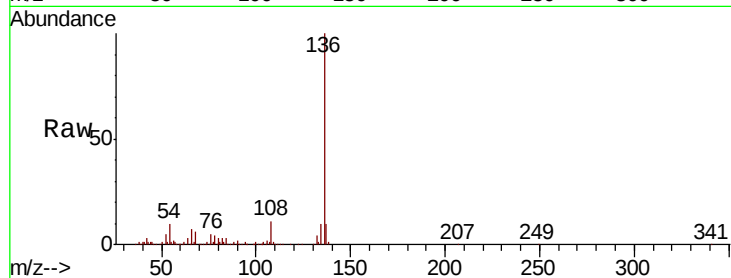




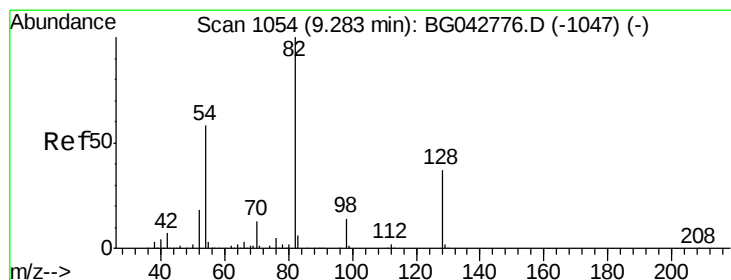
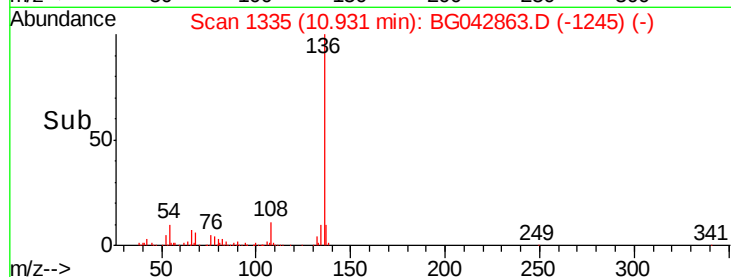
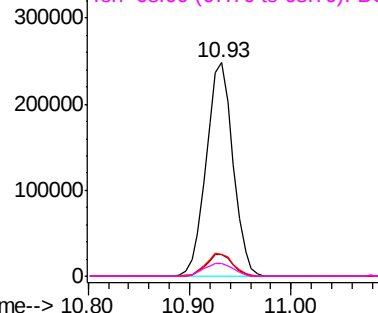
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG042863.D
Acq: 17 Sep 2019 00:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	454051
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.6
54	10.2	9.4	14.0
68	6.1	5.4	8.2

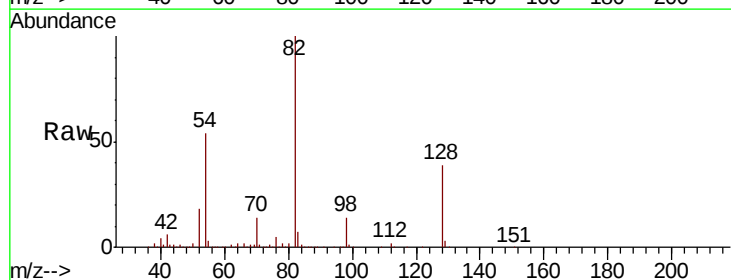


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

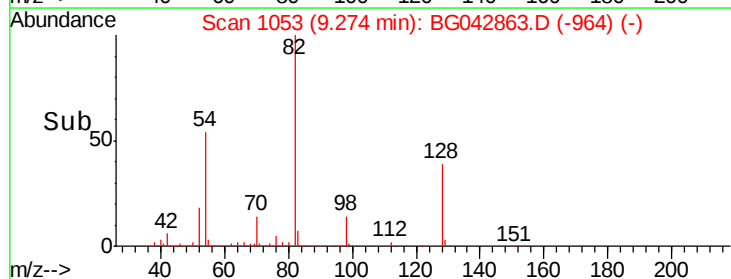
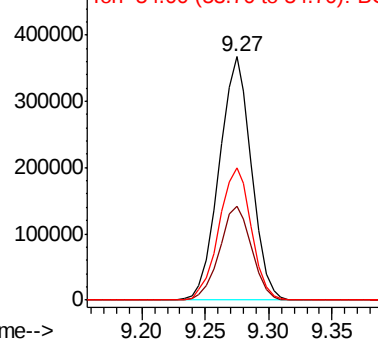


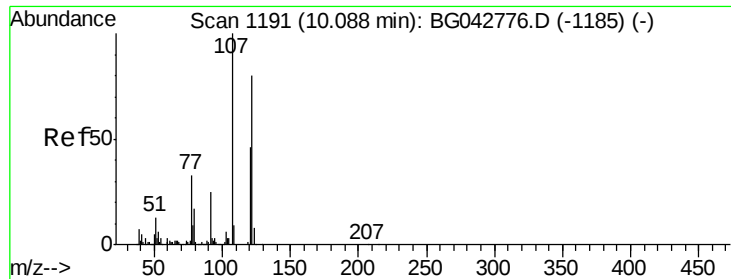
#23
Nitrobenzene-d5
Concen: 74.326 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042863.D
Acq: 17 Sep 2019 00:18

Tgt Ion:	82	Resp:	648217
Ion	Ratio	Lower	Upper
82	100		
128	38.6	29.8	44.8
54	54.4	46.1	69.1



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

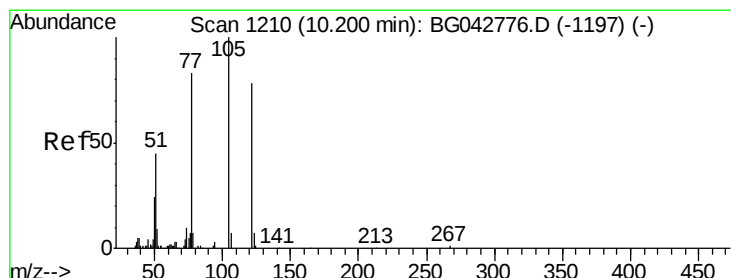
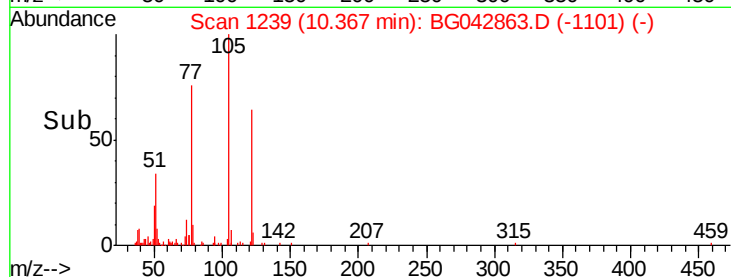
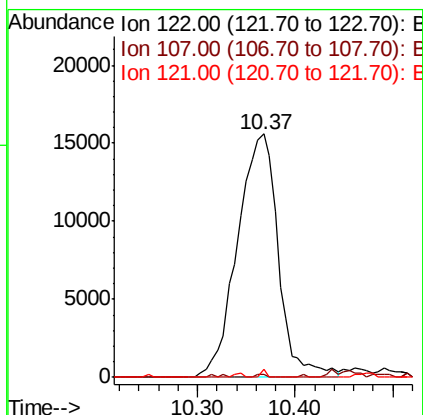
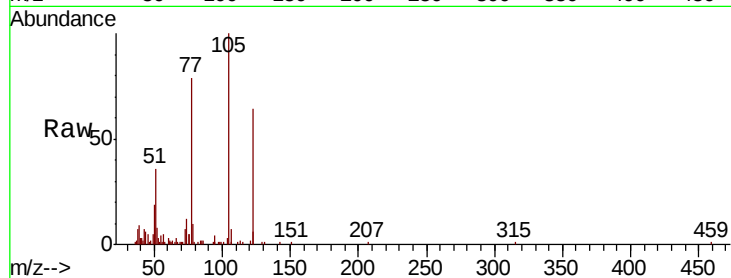




#27
2,4-Dimethylphenol
Concen: 7.118 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.28 min
Lab File: BG042863.D
Acq: 17 Sep 2019 00:18

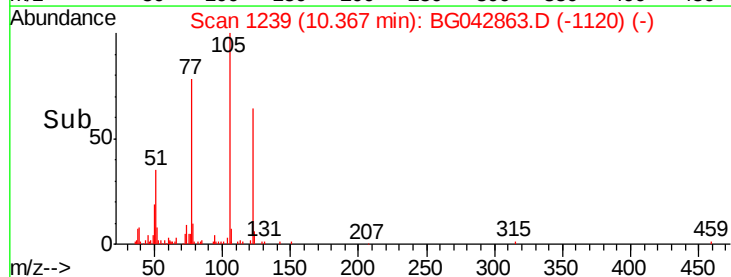
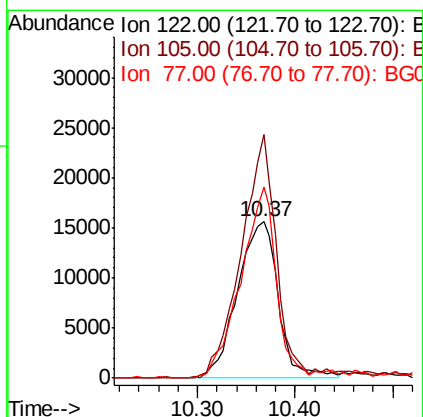
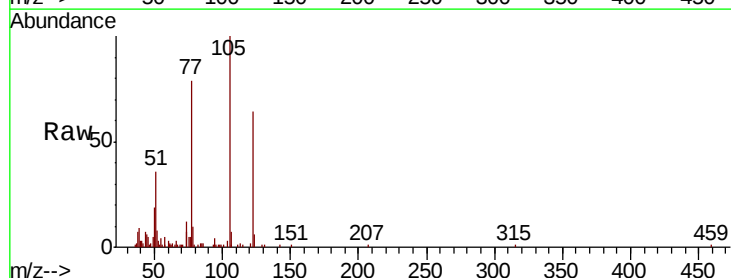
Instrument :
BNA_G
ClientSampleId :

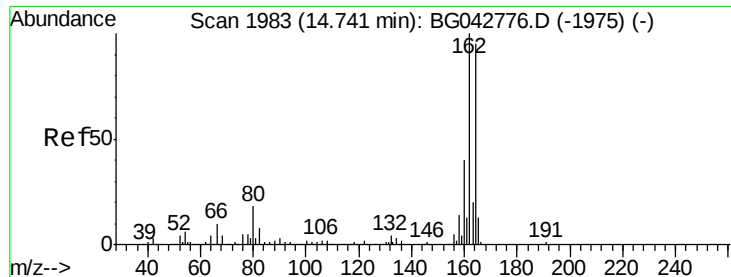
Tot Ion	Ratio	Lower	Upper
122	100		
107	1.4	98.9	148.3#
121	3.3	46.2	69.2#



#32
Benzoic acid
Concen: 13.672 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.17 min
Lab File: BG042863.D
Acq: 17 Sep 2019 00:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	155.7	104.0	144.0#
77	122.6	84.2	124.2

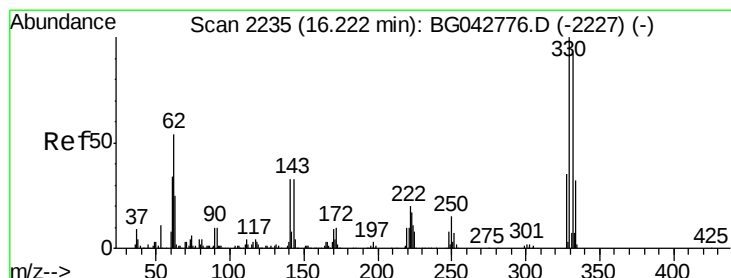
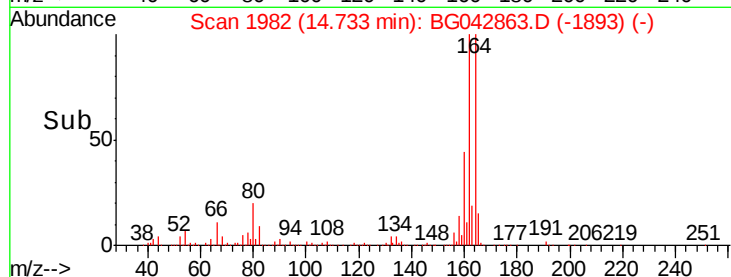
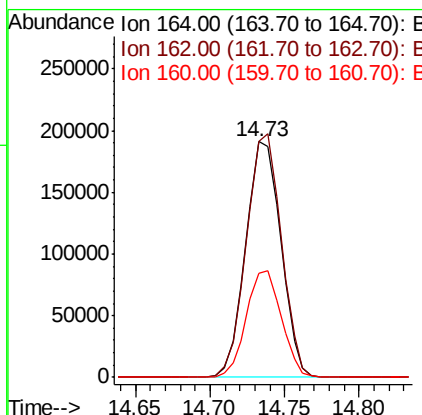
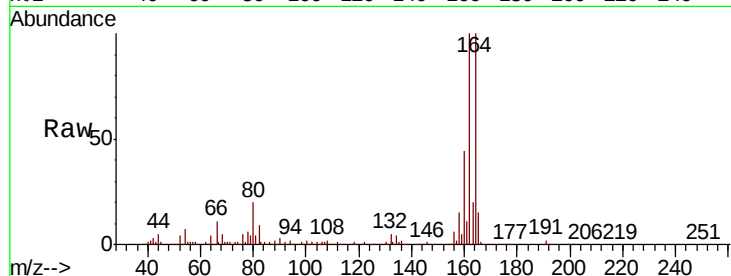




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042863.D
Acq: 17 Sep 2019 00:18

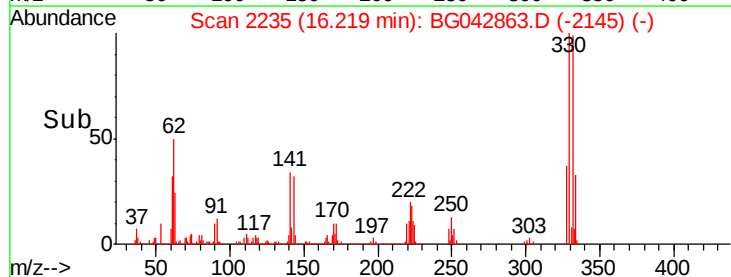
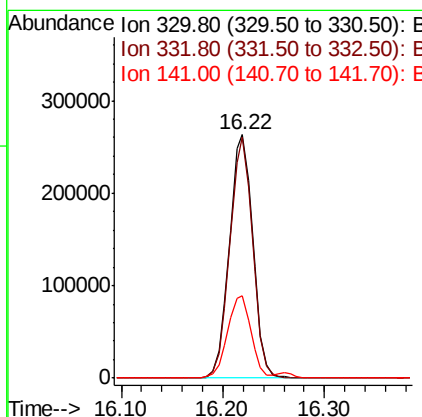
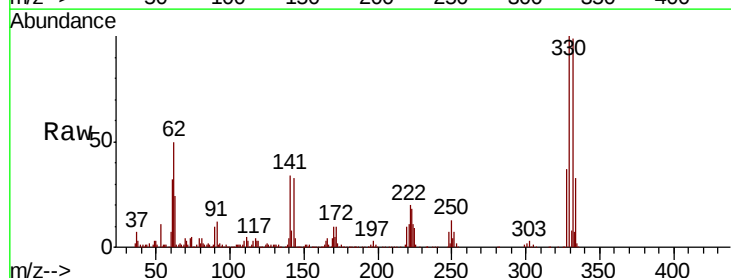
Instrument :
BNA_G
ClientSampled :

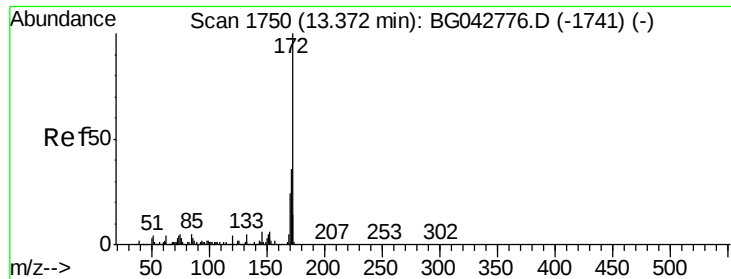
Tot Ion:164 Resp: 312926
Ion Ratio Lower Upper
164 100
162 100.1 84.6 126.8
160 44.4 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 101.216 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG042863.D
Acq: 17 Sep 2019 00:18

Tgt Ion:330 Resp: 421388
Ion Ratio Lower Upper
330 100
332 96.3 76.7 115.1
141 34.3 27.0 40.6

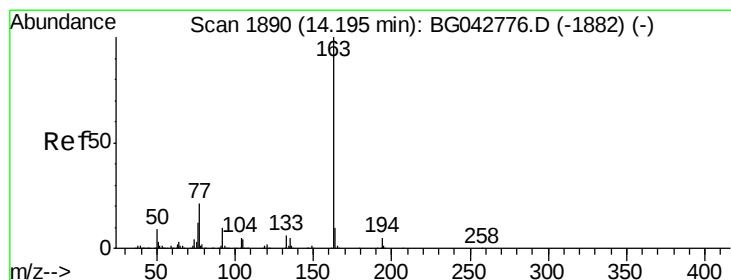
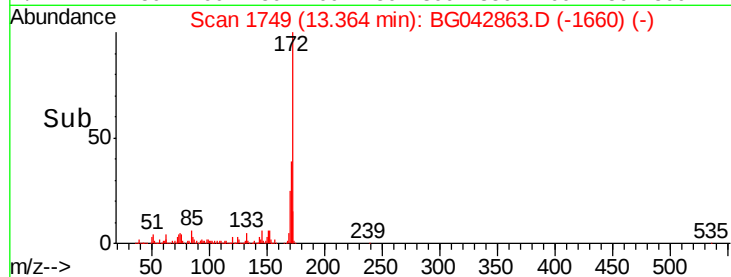
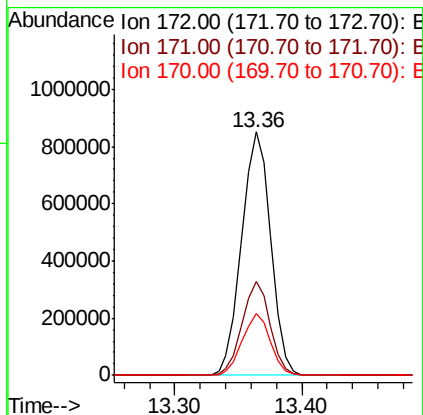
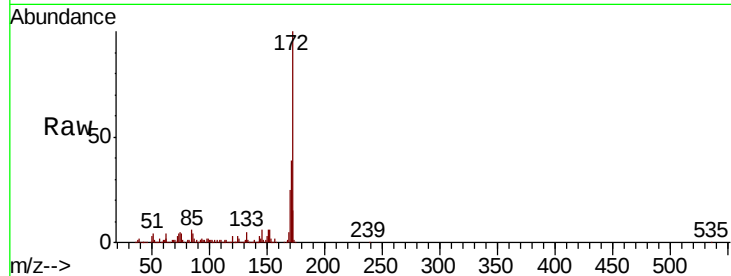




#45
2-Fluorobiphenyl
Concen: 68.537 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042863.D
Acq: 17 Sep 2019 00:18

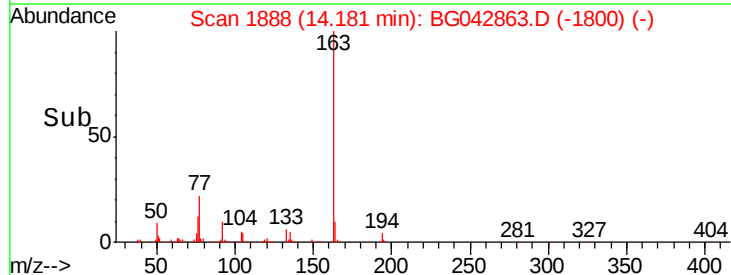
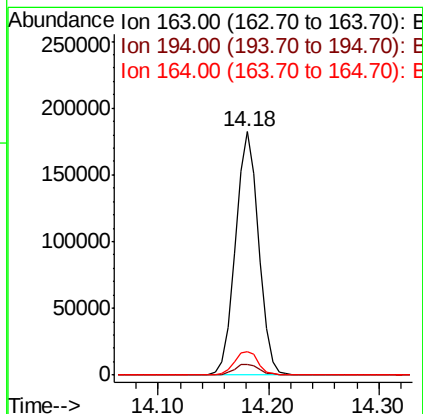
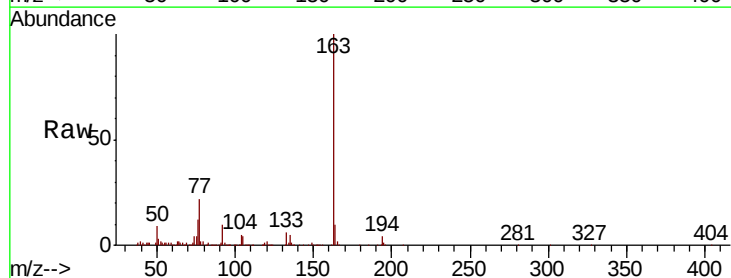
Instrument :
BNA_G
ClientSampled :

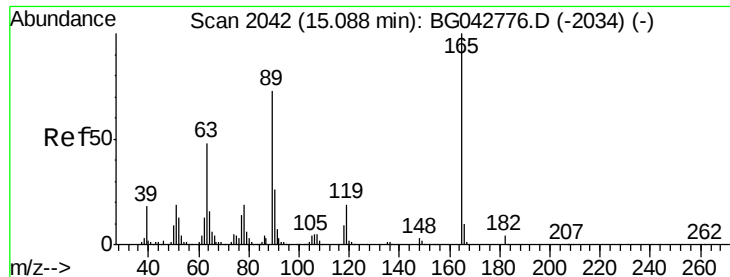
Tot Ion:172 Resp: 1354893
Ion Ratio Lower Upper
172 100
171 38.7 28.9 43.3
170 25.4 19.1 28.7



#50
Dimethylphthalate
Concen: 11.446 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG042863.D
Acq: 17 Sep 2019 00:18

Tgt Ion:163 Resp: 268319
Ion Ratio Lower Upper
163 100
194 4.3 4.2 6.4
164 9.9 8.4 12.6

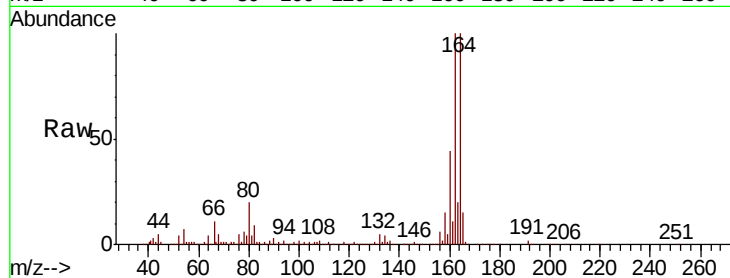




#57
 2,4-Dinitrotoluene
 Concen: 7.005 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.36 min
 Lab File: BG042863.D
 Acq: 17 Sep 2019 00:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	38.3	57.5#
89	1.1	58.4	87.6#
182	0.0	2.9	4.3#



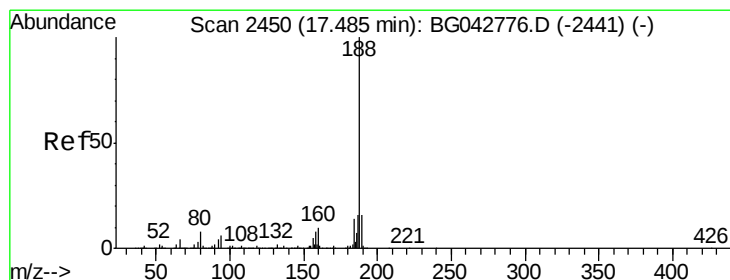
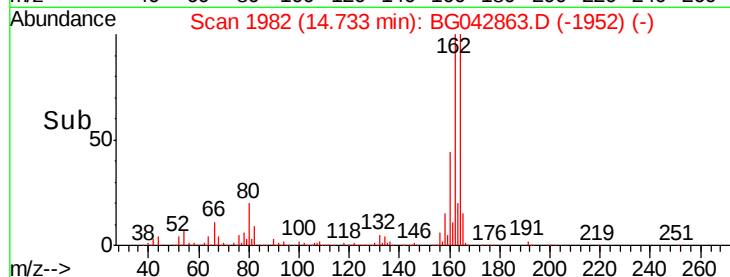
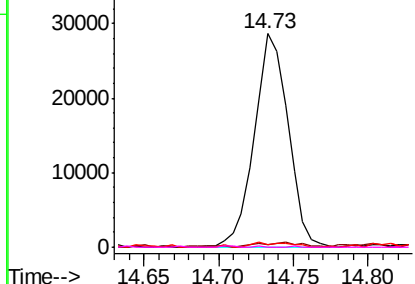
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

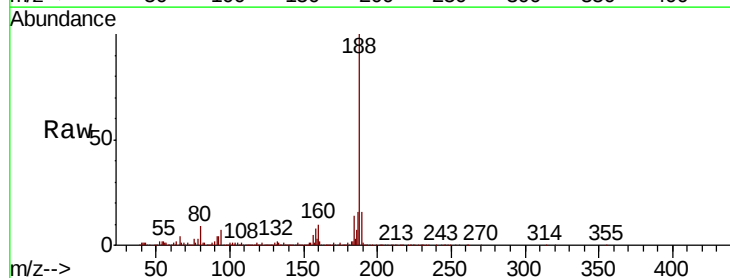
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG042863.D
 Acq: 17 Sep 2019 00:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	4.8	7.2#
80	8.6	6.6	9.8

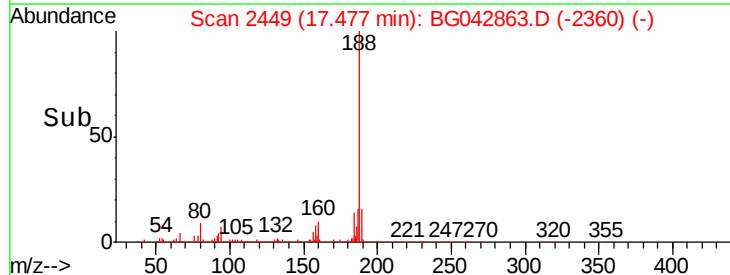
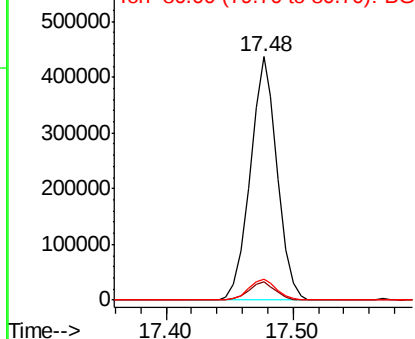


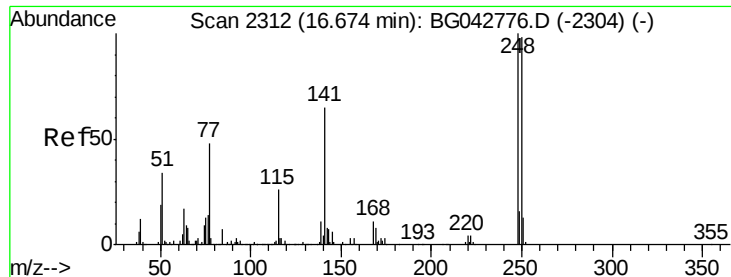
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

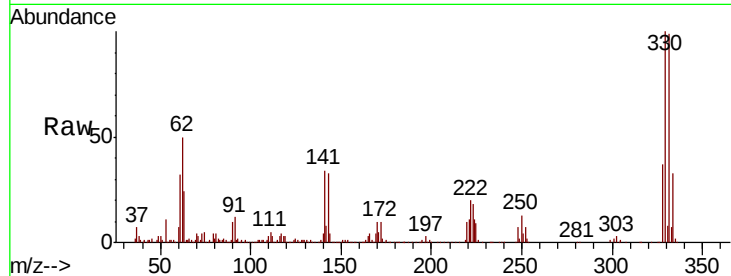




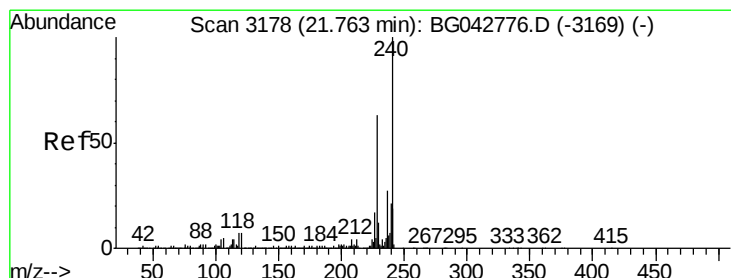
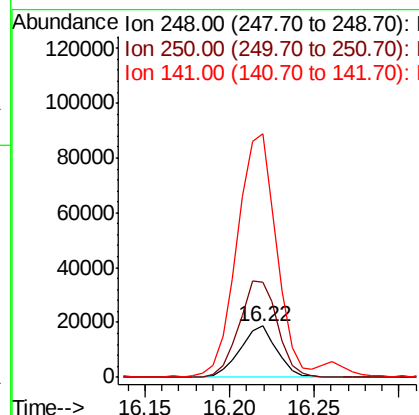
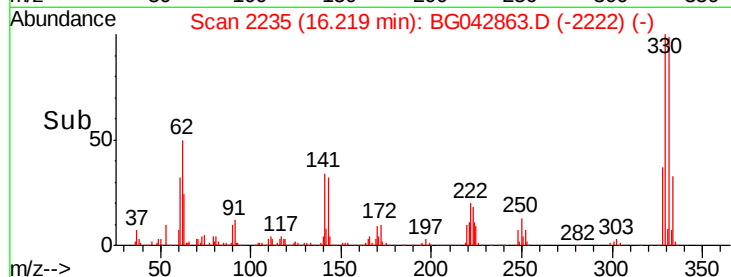
#67
 4-Bromophenyl-phenylether
 Concen: 3.627 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.46 min
 Lab File: BG042863.D
 Acq: 17 Sep 2019 00:18

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 28114
 Ion Ratio Lower Upper
 248 100
 250 185.4 78.0 117.0#
 141 477.1 51.8 77.6#

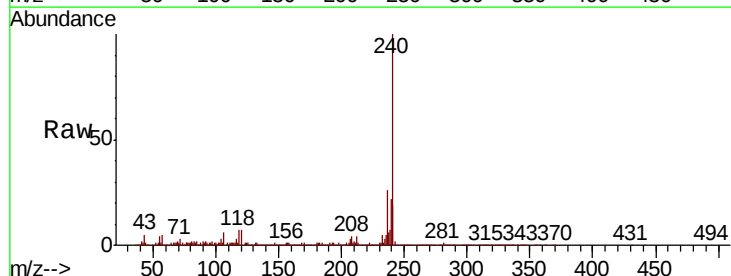


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

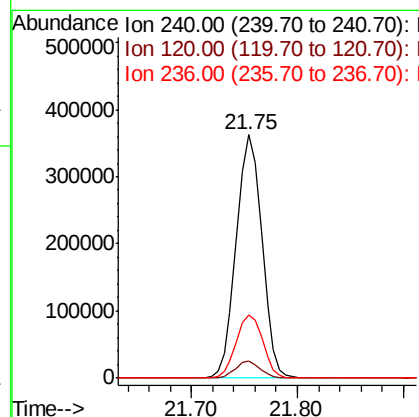
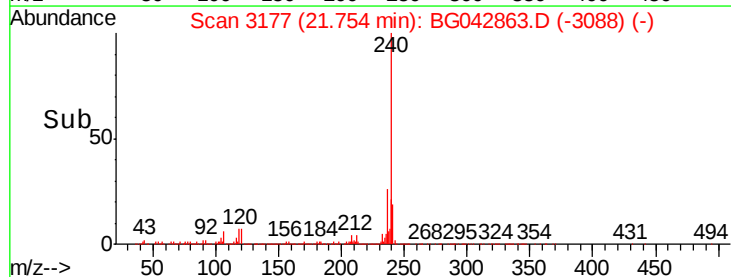


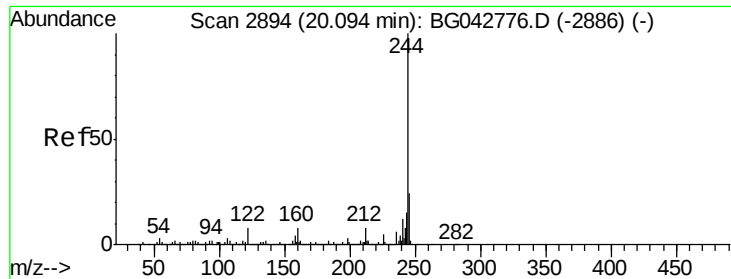
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3177
 Delta R.T. -0.01 min
 Lab File: BG042863.D
 Acq: 17 Sep 2019 00:18

Tgt Ion:240 Resp: 609125
 Ion Ratio Lower Upper
 240 100
 120 6.9 5.4 8.2
 236 26.0 21.7 32.5



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





#79

Terphenyl-d14

Concen: 66.288 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042863.D

Acq: 17 Sep 2019 00:18

Instrument :

BNA_G

ClientSampleId :

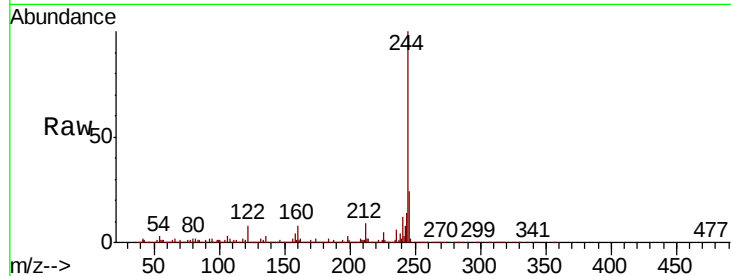
Tot Ion:244 Resp: 1821874

Ion Ratio Lower Upper

244 100

212 8.8 6.6 10.0

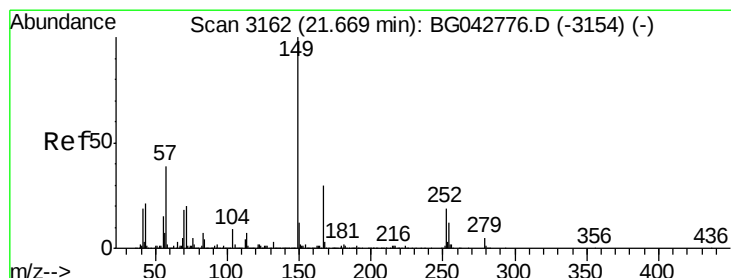
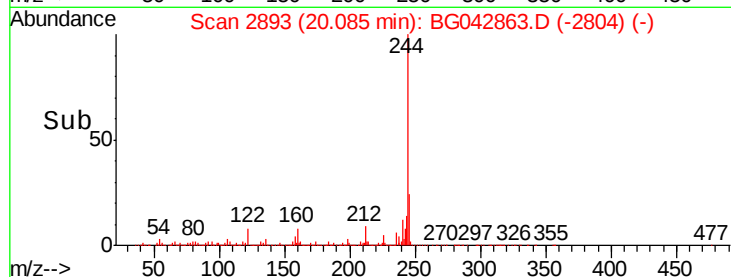
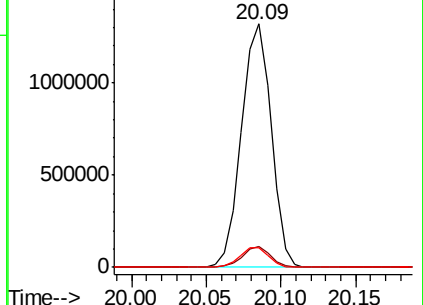
122 8.3 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.533 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG042863.D

Acq: 17 Sep 2019 00:18

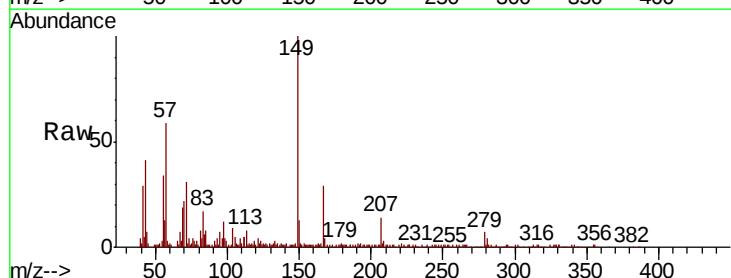
Tgt Ion:149 Resp: 95602

Ion Ratio Lower Upper

149 100

167 29.4 24.3 36.5

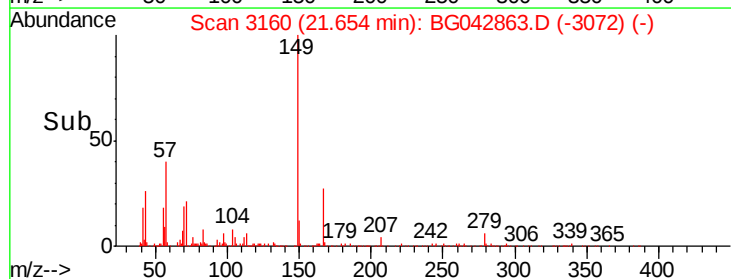
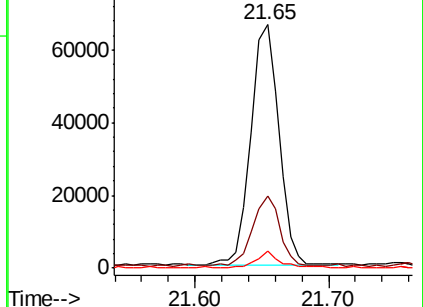
279 6.8 4.2 6.4#

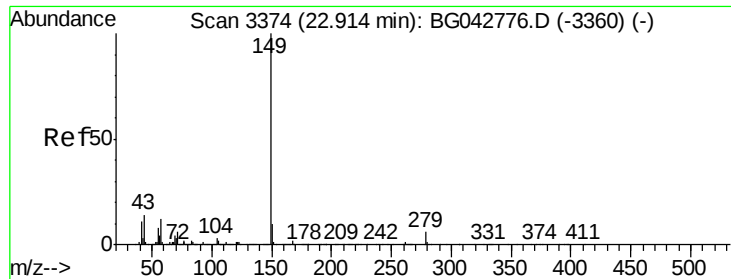


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 4.472 ng

RT: 22.97 min Scan# 3384

Delta R.T. 0.06 min

Lab File: BG042863.D

Acq: 17 Sep 2019 00:18

Instrument :

BNA_G

ClientSampleId :

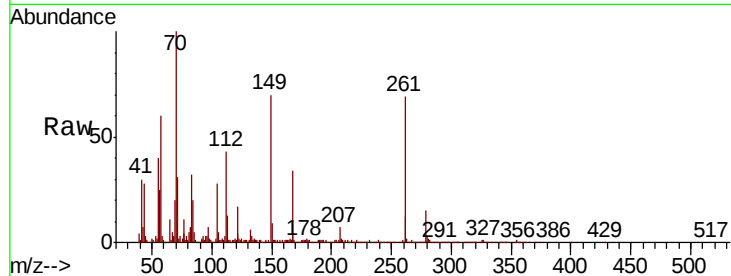
Tot Ion:149 Resp: 160771

Ion Ratio Lower Upper

149 100

167 49.2 1.4 2.0#

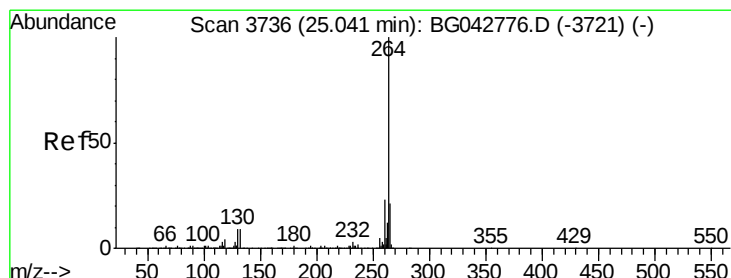
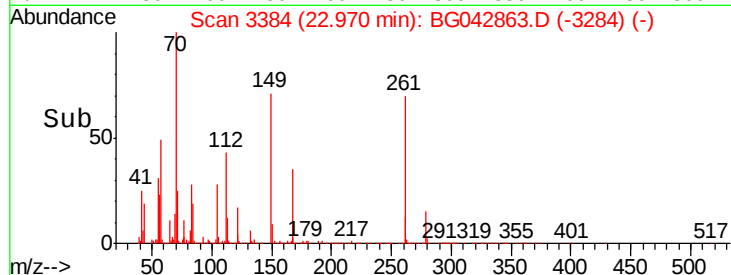
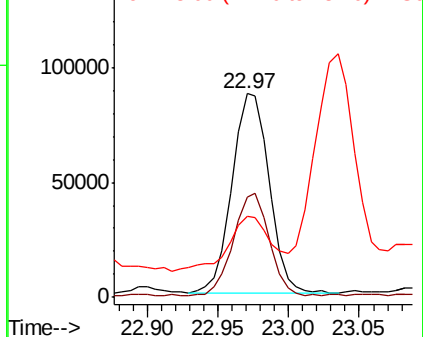
43 31.7 10.6 15.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG042863.D

Acq: 17 Sep 2019 00:18

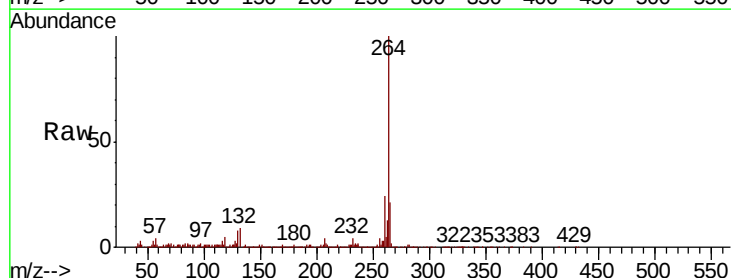
Tgt Ion:264 Resp: 678575

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.2

265 20.7 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

