

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
 Data File : BG042833.D
 Acq On : 14 Sep 2019 1:32
 Operator : HP/JU
 Sample : K4847-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 14 07:02:35 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

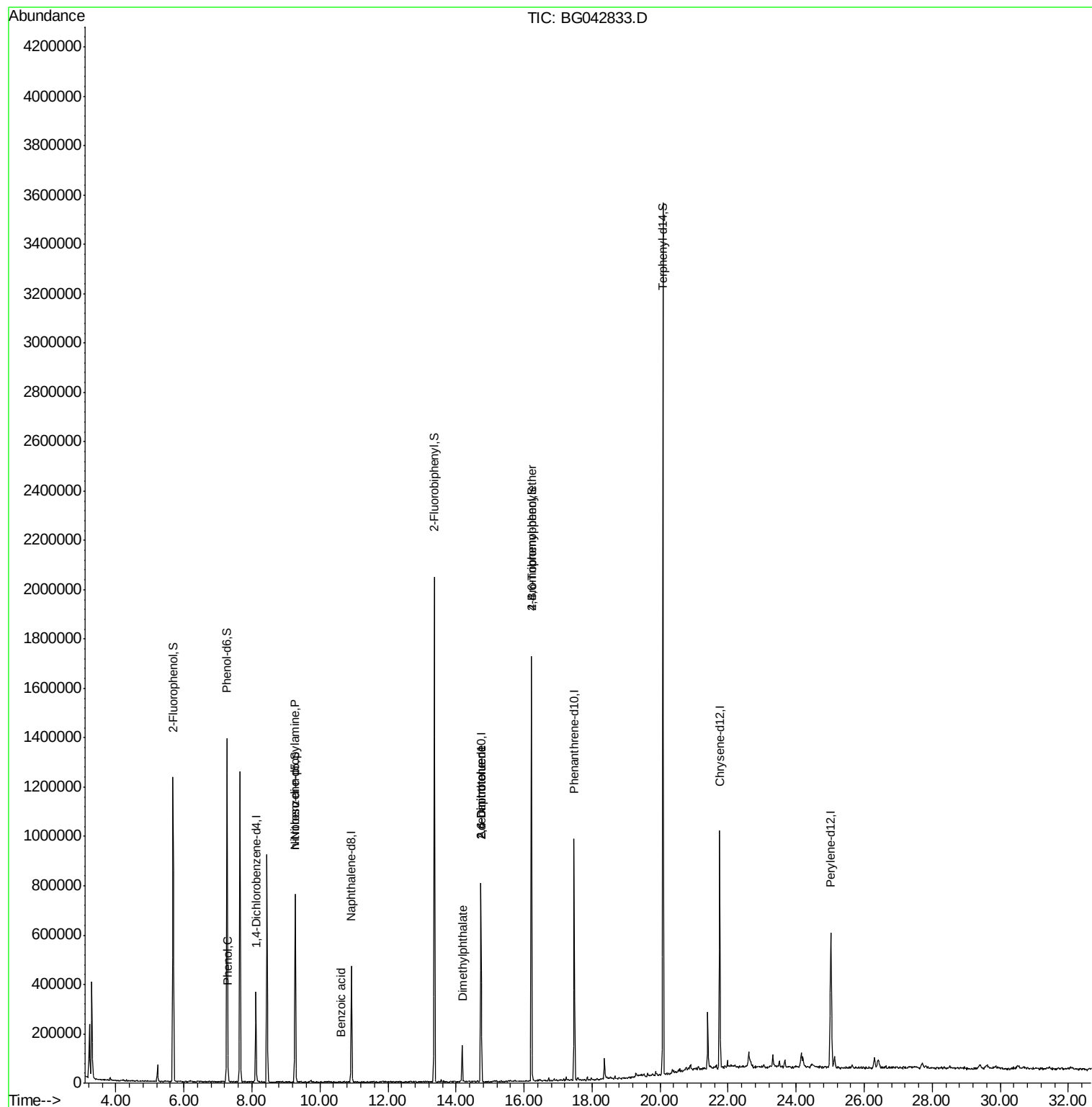
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	101711	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	404894	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	276421	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	612268	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	564199	20.00	ng	-0.01
87) Perylene-d12	25.02	264	617290	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	506562	86.59	ng	0.00
7) Phenol-d6	7.27	99	773334	92.09	ng	0.00
23) Nitrobenzene-d5	9.27	82	481008	61.85	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	331477	90.13	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1096930	62.82	ng	0.00
79) Terphenyl-d14	20.08	244	1652563	64.92	ng	-0.01
Target Compounds						
10) Phenol	7.30	94	33283	3.865	ng	99
19) n-Nitroso-di-n-propylamine	9.28	70	66832	10.801	ng	# 69
32) Benzoic acid	10.63	122	53	5.975	ng	# 1
50) Dimethylphthalate	14.18	163	96146	4.643	ng	96
51) 2,6-Dinitrotoluene	14.74	165	37535	8.834	ng	# 20
57) 2,4-Dinitrotoluene	14.74	165	37535	6.628	ng	# 23
67) 4-Bromophenyl-phenylether	16.22	248	21822	2.945	ng	# 1

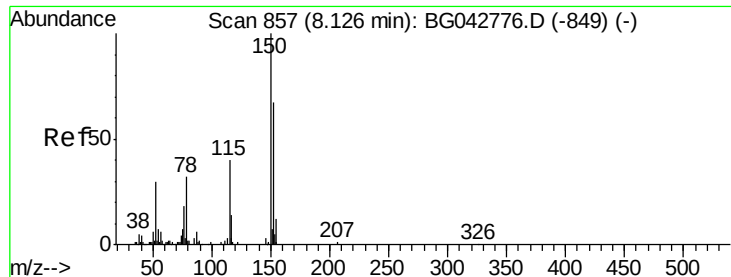
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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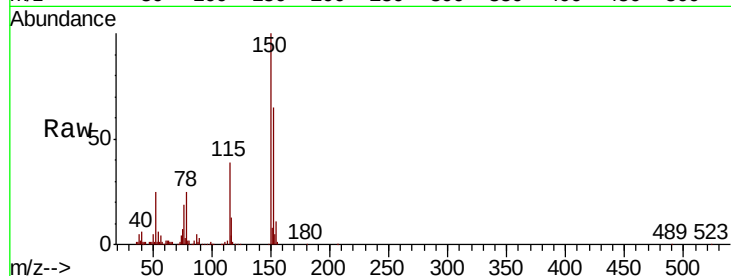


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042833.D
Acq: 14 Sep 2019 1:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	118.9	178.3
115	60.1	47.4	71.2

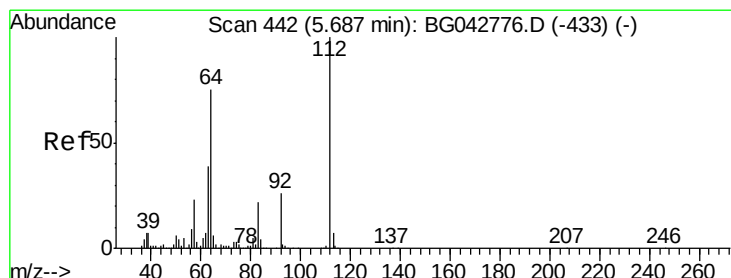
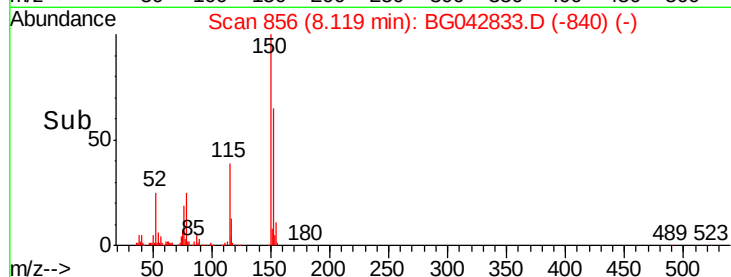
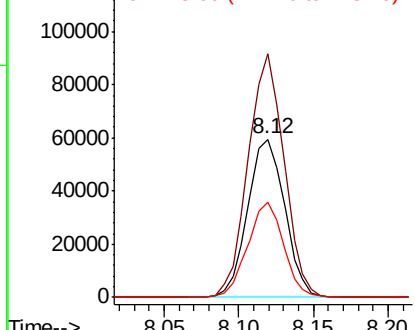


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

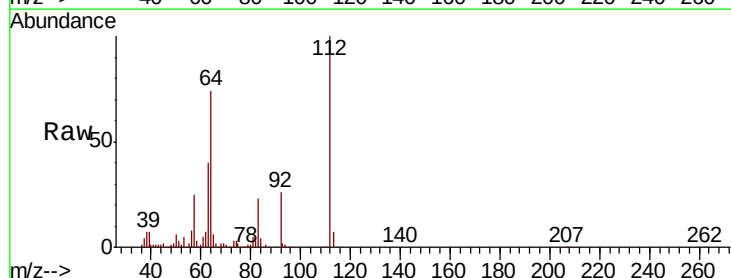
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 86.587 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.01 min
Lab File: BG042833.D
Acq: 14 Sep 2019 1:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.0	60.2	90.2
63	39.7	31.2	46.8

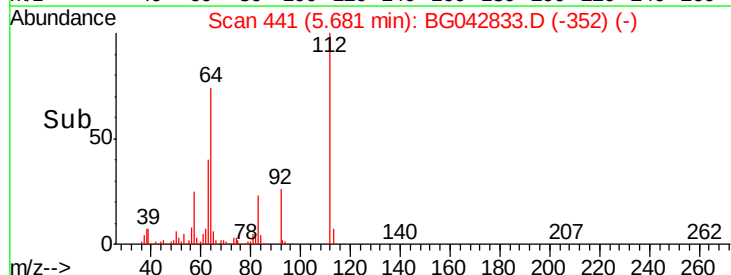
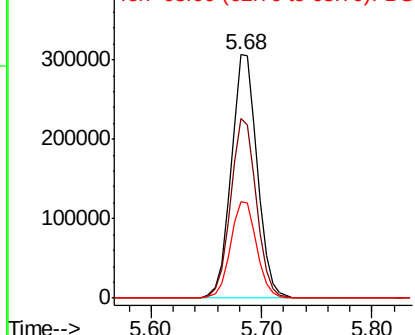


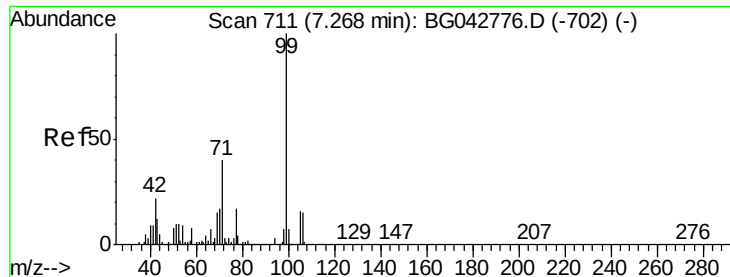
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 92.094 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042833.D

Acq: 14 Sep 2019 1:32

Instrument :

BNA_G

ClientSampled :

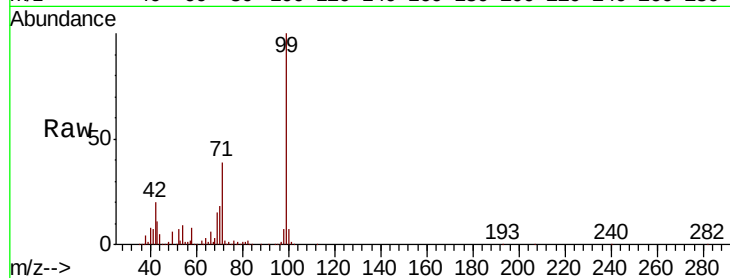
Tot Ion: 99 Resp: 773334

Ion Ratio Lower Upper

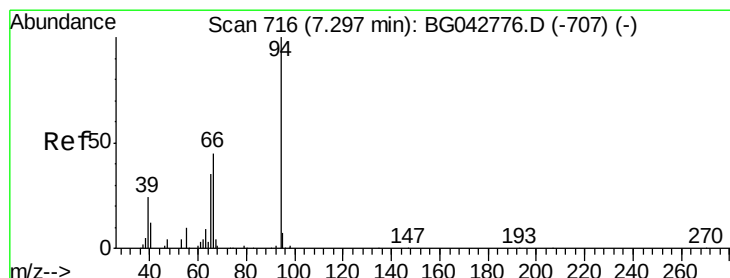
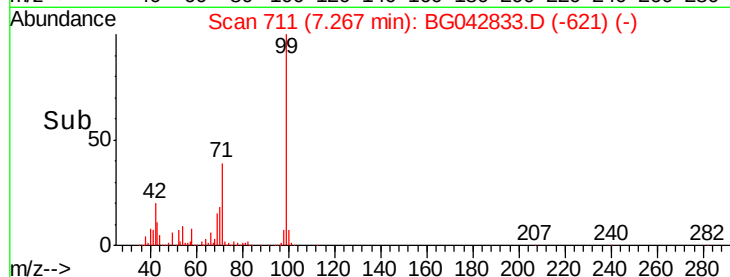
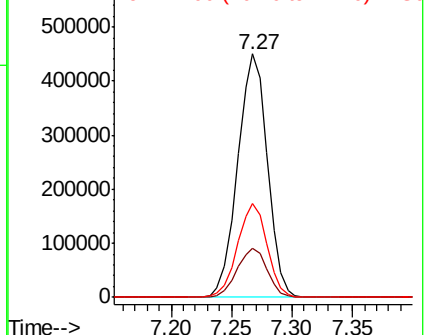
99 100

42 20.3 17.5 26.3

71 38.6 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: 3.865 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042833.D

Acq: 14 Sep 2019 1:32

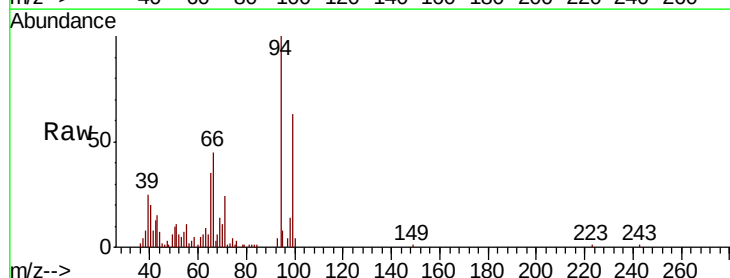
Tgt Ion: 94 Resp: 33283

Ion Ratio Lower Upper

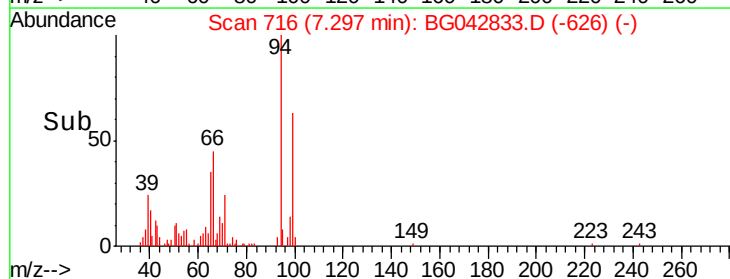
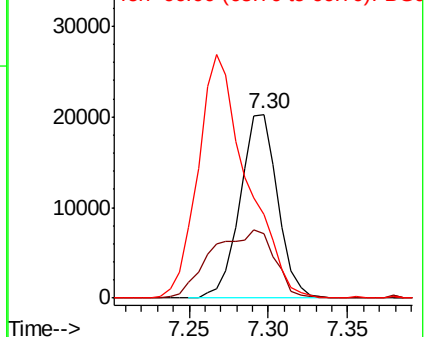
94 100

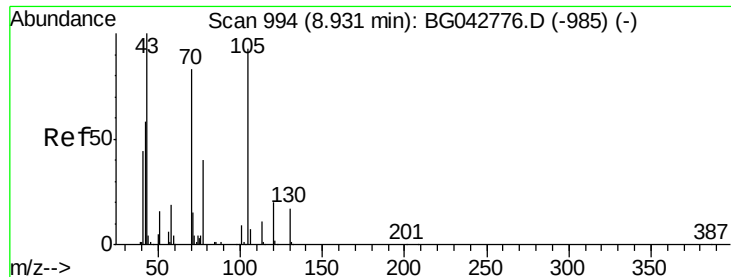
65 35.3 15.0 55.0

66 45.2 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

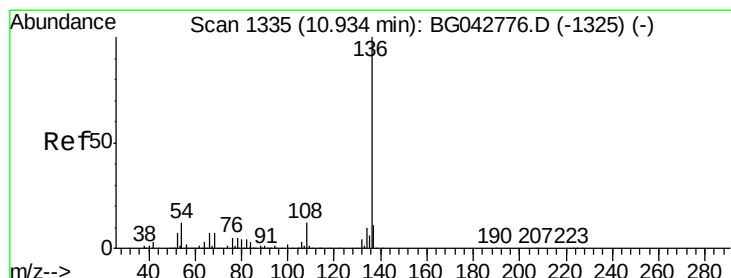
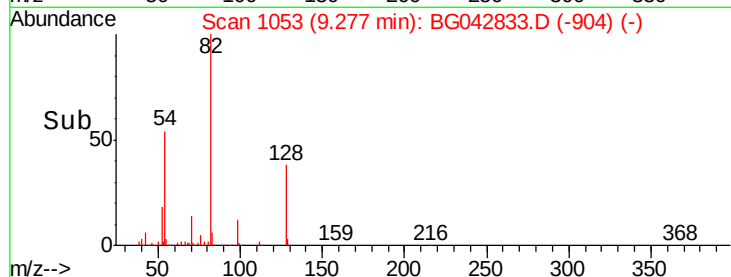
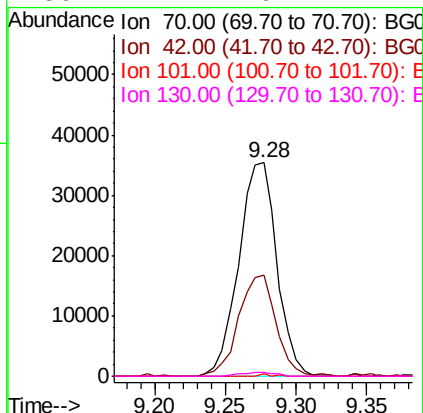
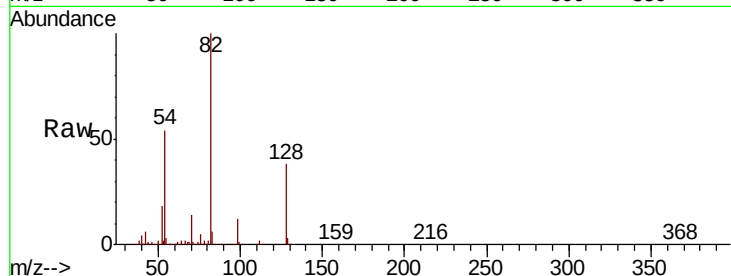




#19
n-Nitroso-di-n-propylamine
Concen: 10.801 ng
RT: 9.28 min Scan# 1053
Delta R.T. 0.35 min
Lab File: BG042833.D
Acq: 14 Sep 2019 1:32

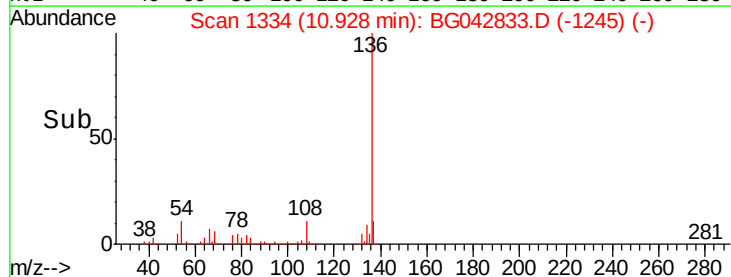
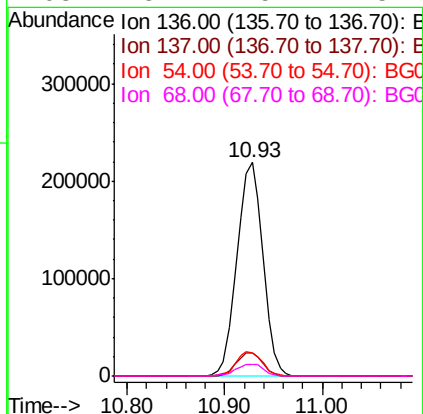
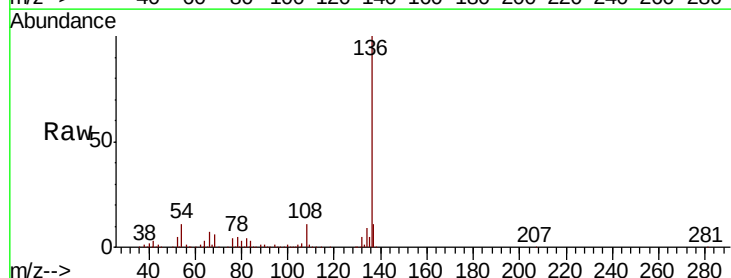
Instrument :
BNA_G
ClientSampled :

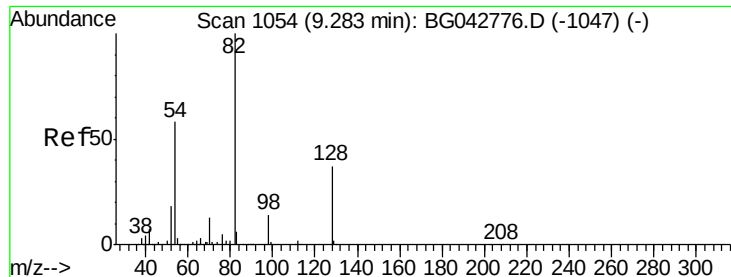
Tot Ion: 70 Resp: 66832
Ion Ratio Lower Upper
70 100
42 47.1 57.0 85.6#
101 0.9 8.4 12.6#
130 2.1 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042833.D
Acq: 14 Sep 2019 1:32

Tgt Ion: 136 Resp: 404894
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 10.9 9.4 14.0
68 5.7 5.4 8.2

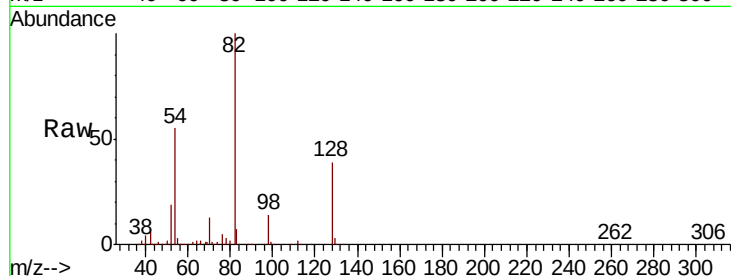




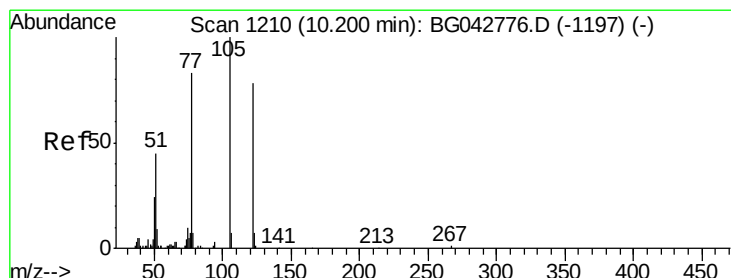
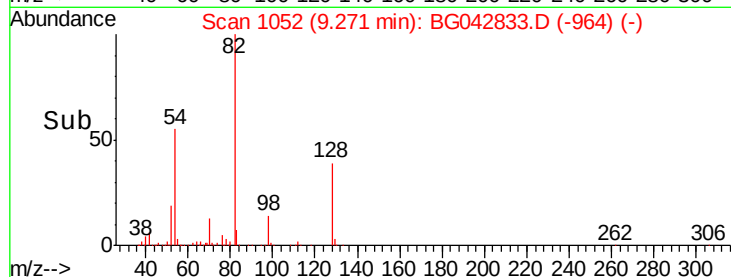
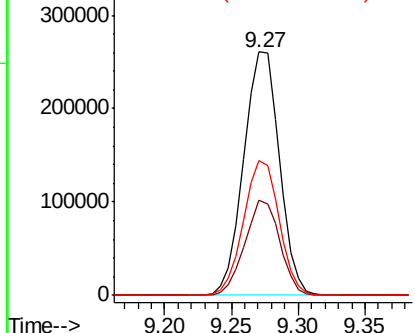
#23
 Nitrobenzene-d5
 Concen: 61.849 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG042833.D
 Acq: 14 Sep 2019 1:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	481008
Ion Ratio	Lower	Upper	
82	100		
128	39.1	29.8	44.8
54	55.5	46.1	69.1

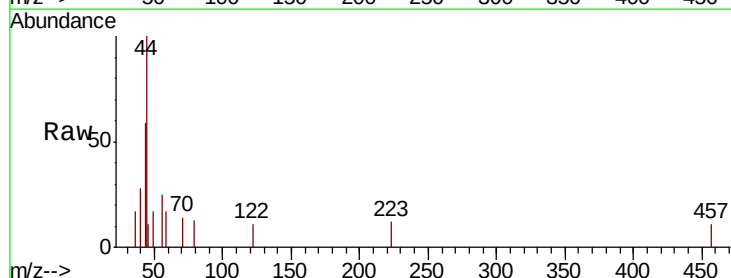


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

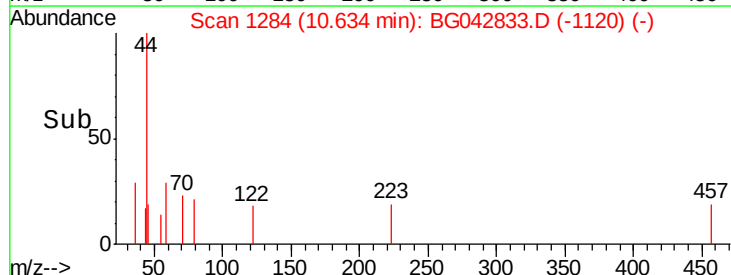
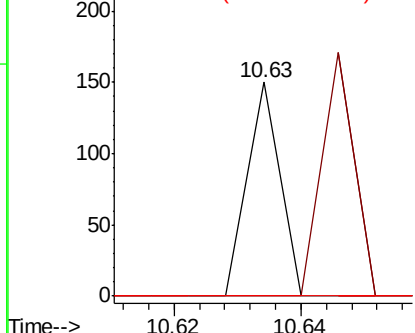


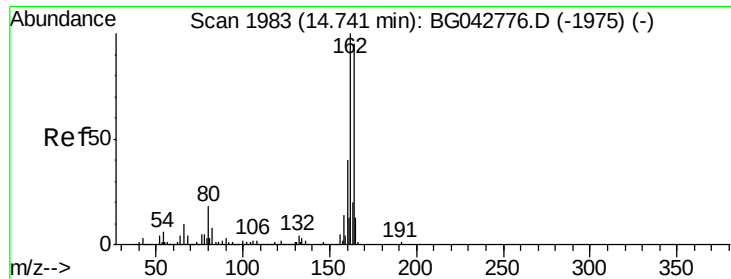
#32
 Benzoic acid
 Concen: 5.975 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. 0.44 min
 Lab File: BG042833.D
 Acq: 14 Sep 2019 1:32

Tgt Ion	122	Resp	53
Ion Ratio	Lower	Upper	
122	100		
105	0.0	104.0	144.0#
77	0.0	84.2	124.2#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042833.D

Acq: 14 Sep 2019 1:32

Instrument :

BNA_G

ClientSampleId :

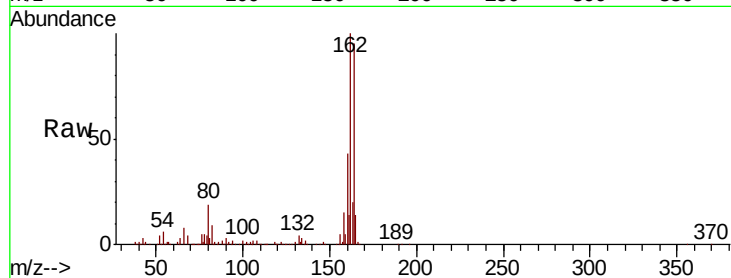
Tot Ion:164 Resp: 276421

Ion Ratio Lower Upper

164 100

162 105.0 84.6 126.8

160 45.1 34.2 51.2

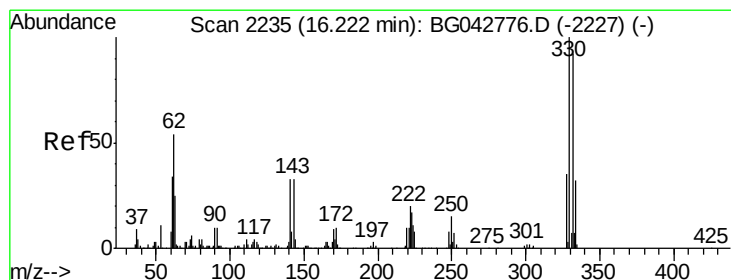
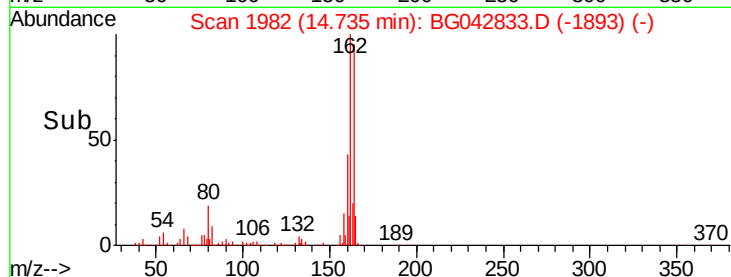
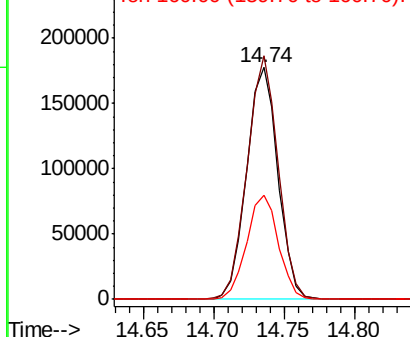


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 90.135 ng

RT: 16.22 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG042833.D

Acq: 14 Sep 2019 1:32

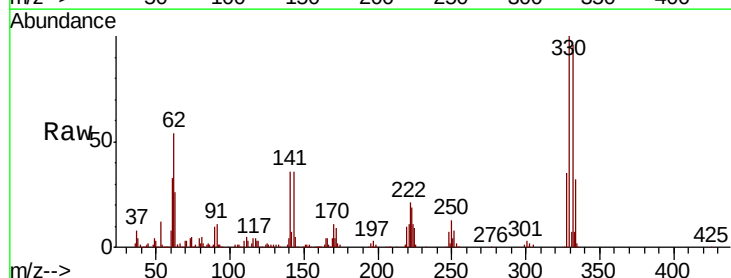
Tgt Ion:330 Resp: 331477

Ion Ratio Lower Upper

330 100

332 95.5 76.7 115.1

141 34.3 27.0 40.6

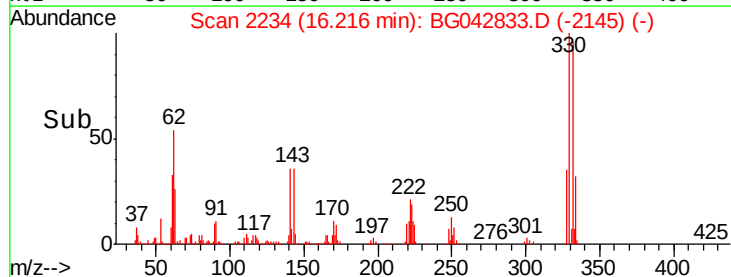
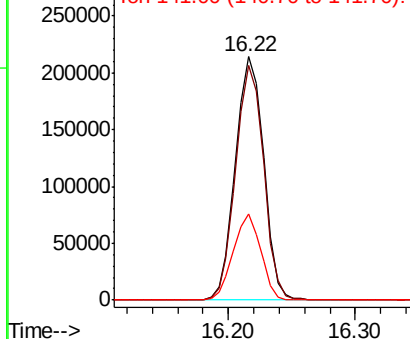


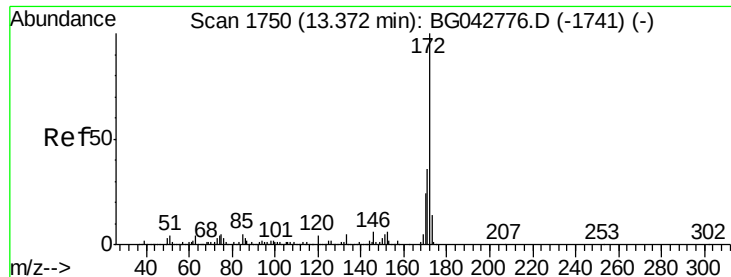
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



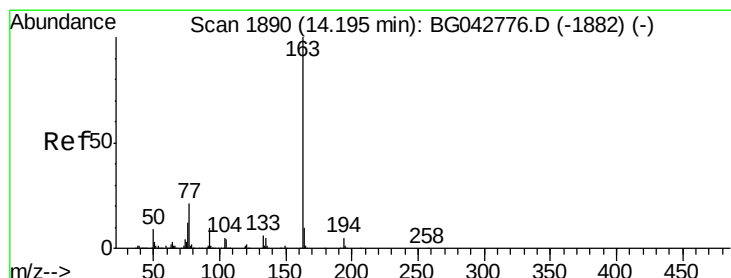
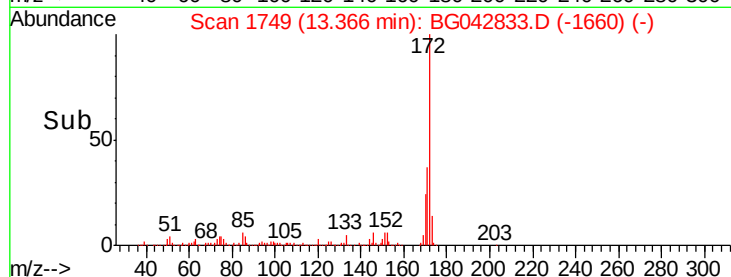
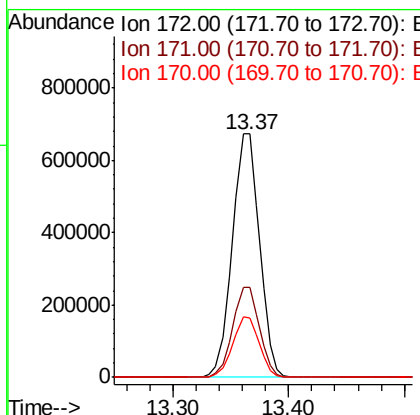
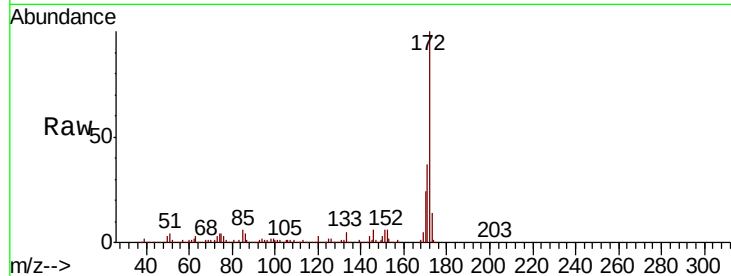


#45
 2-Fluorobiphenyl
 Concen: 62.816 ng
 RT: 13.37 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042833.D
 Acq: 14 Sep 2019 1:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1096930

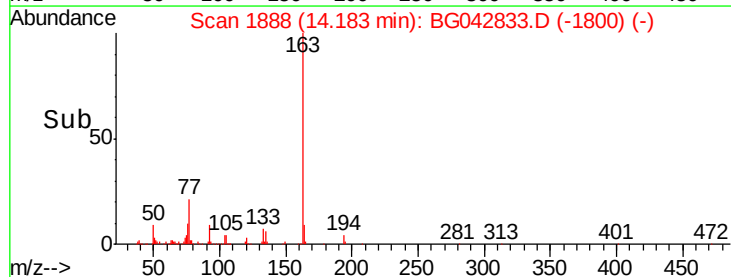
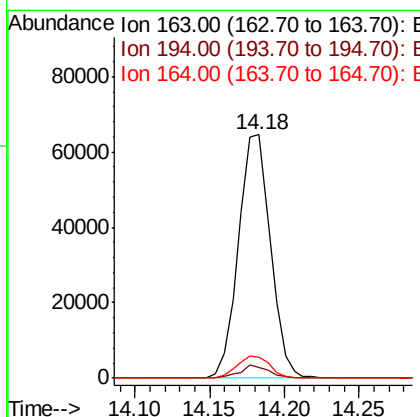
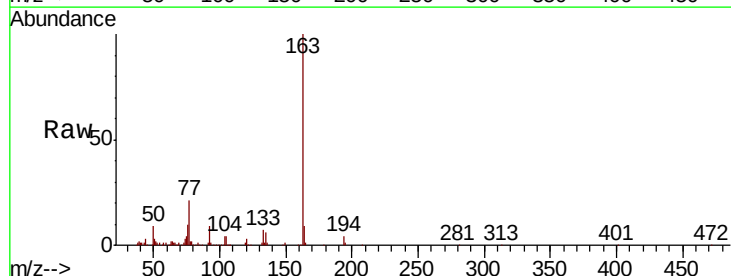
Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	24.3	19.1	28.7

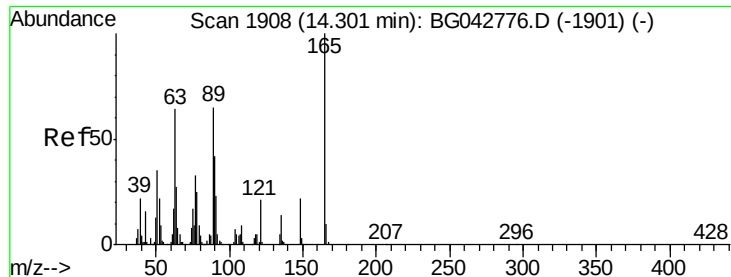


#50
 Dimethylphthalate
 Concen: 4.643 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BG042833.D
 Acq: 14 Sep 2019 1:32

Tgt Ion:163 Resp: 96146

Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.2	6.4
164	8.8	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 8.834 ng

RT: 14.74 min Scan# 1982

Delta R.T. 0.43 min

Lab File: BG042833.D

Acq: 14 Sep 2019 1:32

Instrument :

BNA_G

ClientSampleId :

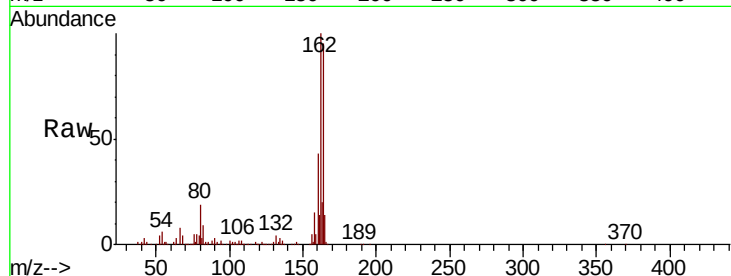
Tot Ion:165 Resp: 37535

Ion Ratio Lower Upper

165 100

63 1.7 52.1 78.1#

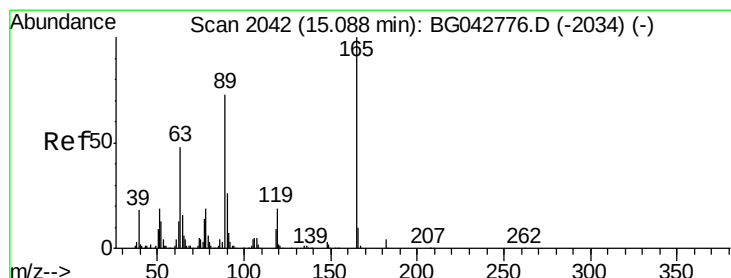
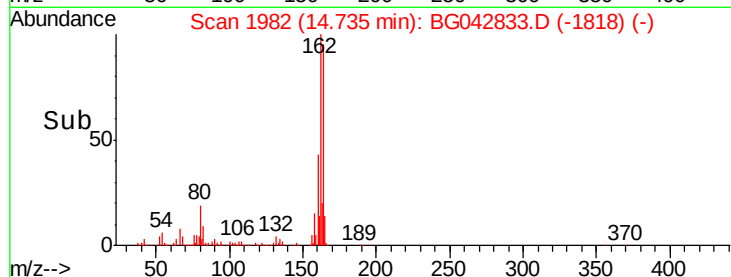
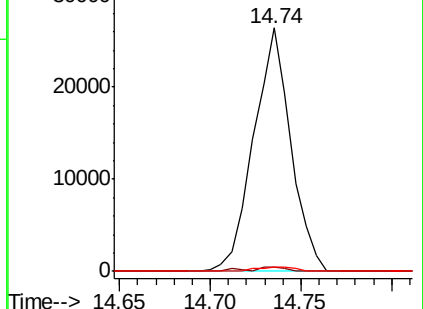
89 1.6 51.7 77.5#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#57

2,4-Dinitrotoluene

Concen: 6.628 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.35 min

Lab File: BG042833.D

Acq: 14 Sep 2019 1:32

Tgt Ion:165 Resp: 37535

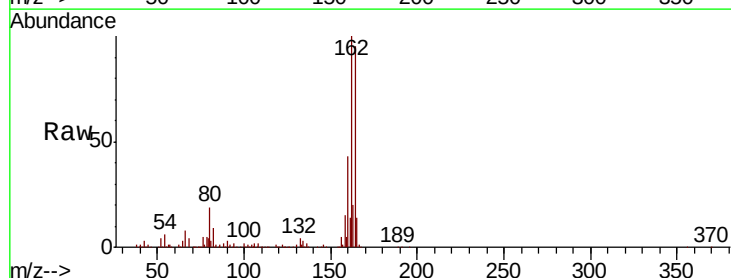
Ion Ratio Lower Upper

165 100

63 1.7 38.3 57.5#

89 1.6 58.4 87.6#

182 0.0 2.9 4.3#

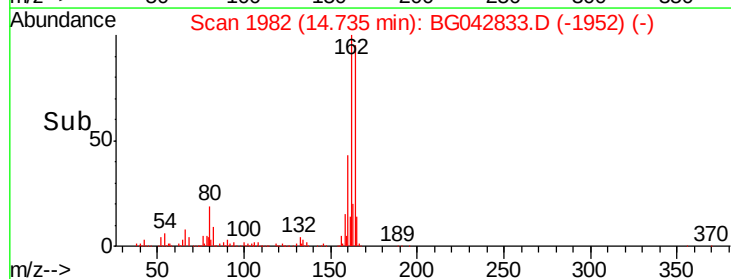
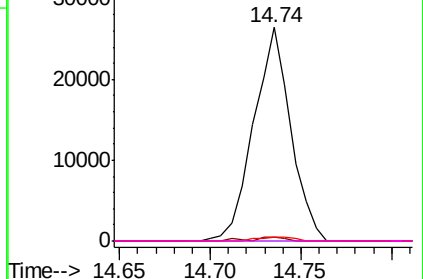


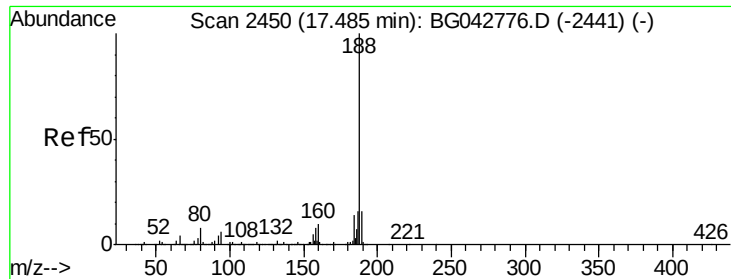
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG042833.D

Acq: 14 Sep 2019 1:32

Instrument :

BNA_G

ClientSampled :

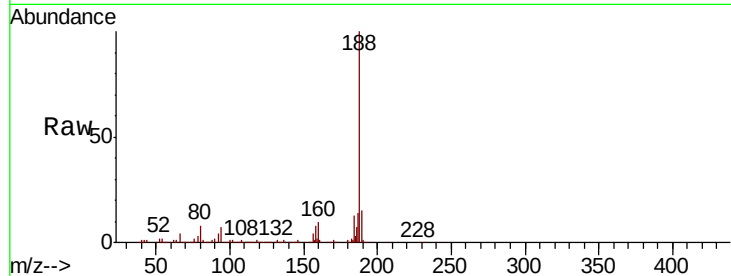
Tot Ion:188 Resp: 612268

Ion Ratio Lower Upper

188 100

94 7.4 4.8 7.2#

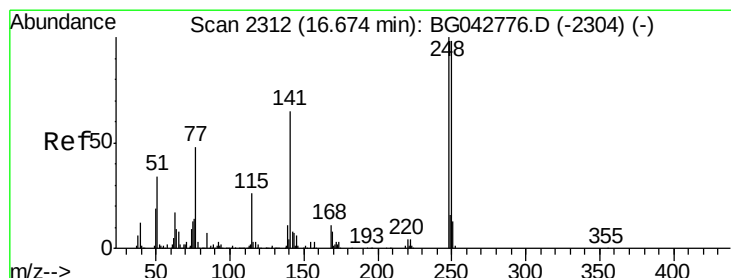
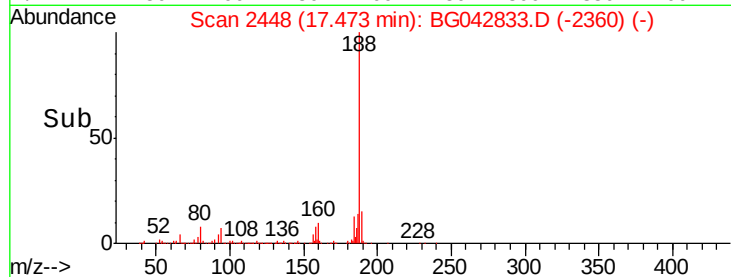
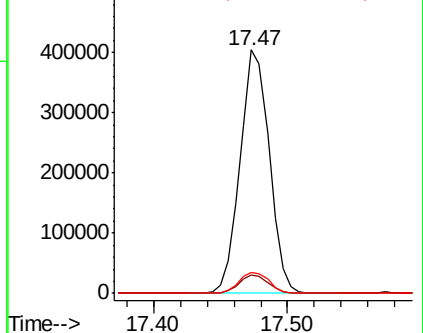
80 8.4 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 2.945 ng

RT: 16.22 min Scan# 2234

Delta R.T. -0.46 min

Lab File: BG042833.D

Acq: 14 Sep 2019 1:32

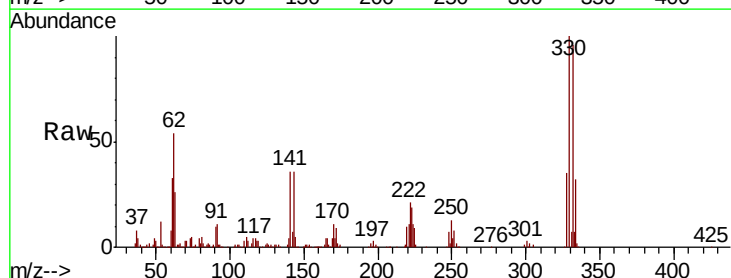
Tgt Ion:248 Resp: 21822

Ion Ratio Lower Upper

248 100

250 194.9 78.0 117.0#

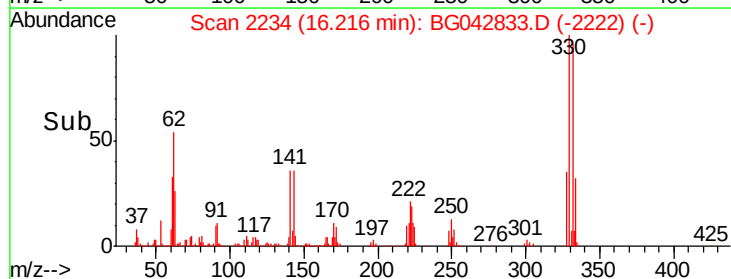
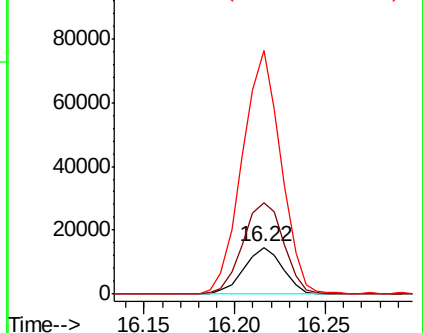
141 519.0 51.8 77.6#

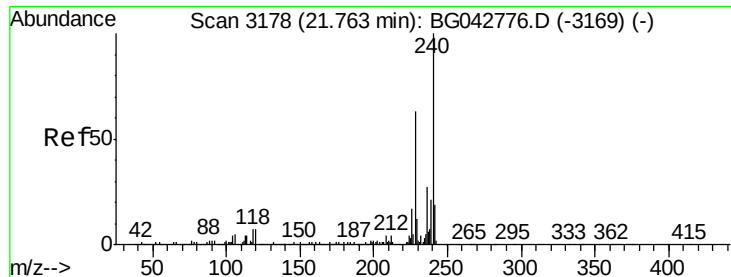


Abundance Ion 248.00 (247.70 to 248.70): E

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# 3176

Delta R.T. -0.01 min

Lab File: BG042833.D

Acq: 14 Sep 2019 1:32

Instrument :

BNA_G

ClientSampleId :

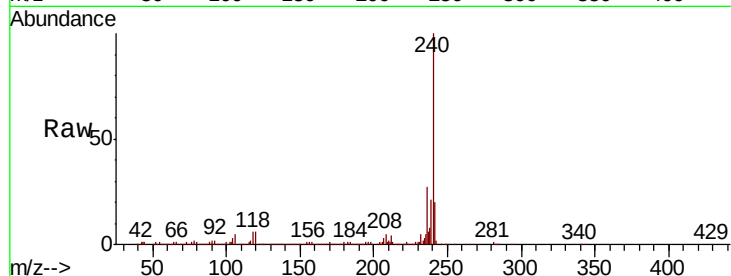
Tot Ion:240 Resp: 564199

Ion Ratio Lower Upper

240 100

120 6.4 5.4 8.2

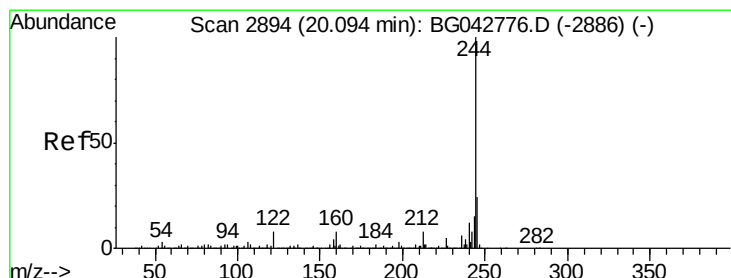
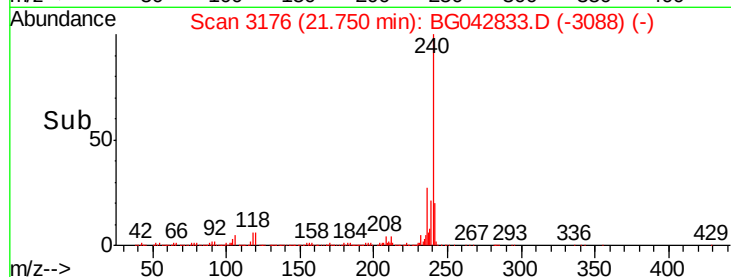
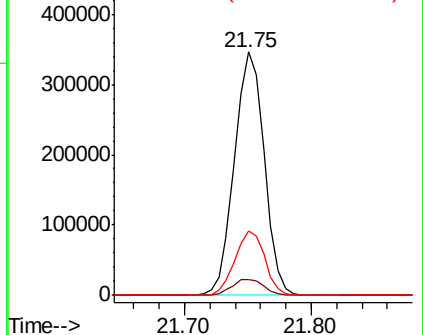
236 26.6 21.7 32.5



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: 64.916 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042833.D

Acq: 14 Sep 2019 1:32

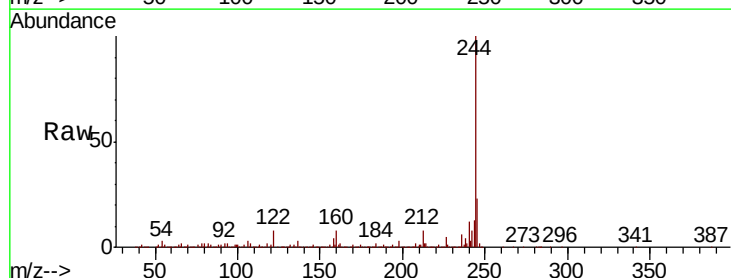
Tgt Ion:244 Resp: 1652563

Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

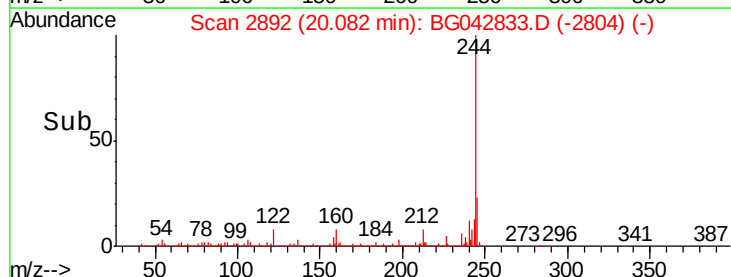
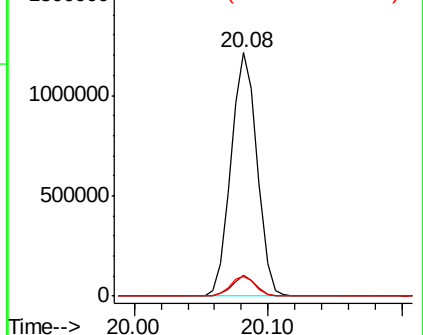
122 8.1 6.2 9.4

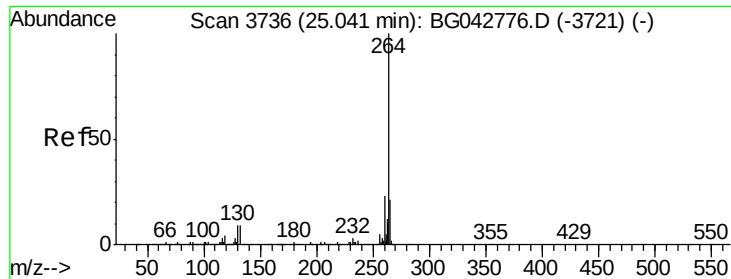


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.02 min
Lab File: BG042833.D
Acq: 14 Sep 2019 1:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.2
265	23.9	16.9	25.3

