

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039060.D
 Acq On : 10 Jan 2019 19:59
 Operator : JU/SJ
 Sample : K1087-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 11 05:11:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

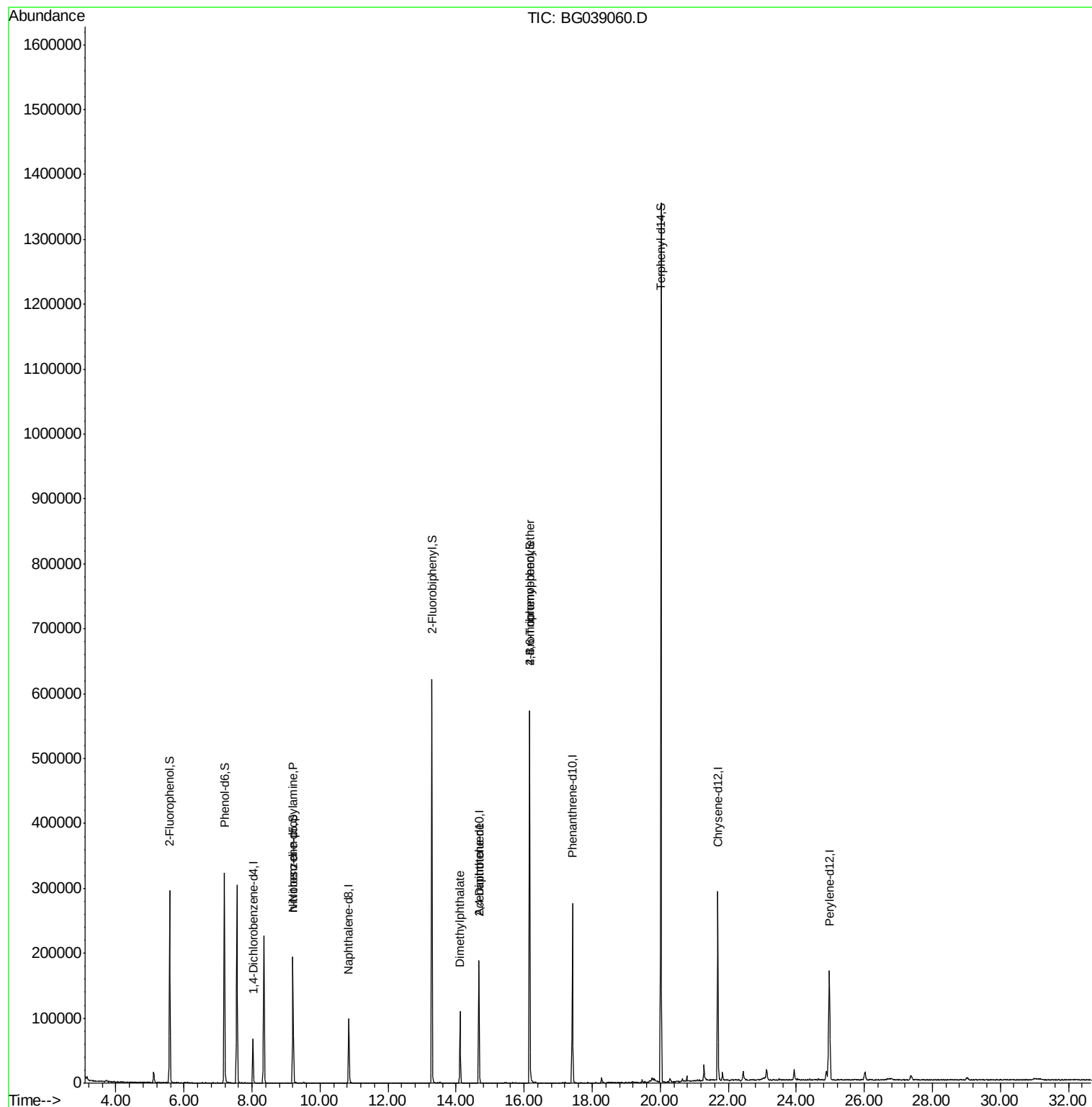
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	20942	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	89799	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	68925	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	182418	20.00	ng	0.00
76) Chrysene-d12	21.70	240	187364	20.00	ng	0.00
87) Perylene-d12	24.97	264	200604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	133493	120.92	ng	0.00
7) Phenol-d6	7.19	99	195551	123.08	ng	0.00
23) Nitrobenzene-d5	9.20	82	118518	72.22	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	126949	109.88	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	350205	69.54	ng	0.00
79) Terphenyl-d14	20.02	244	683532	67.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	15522	14.878	ng	Qvalue # 66
50) Dimethylphthalate	14.12	163	82373	14.143	ng	97
57) 2,4-Dinitrotoluene	14.67	165	8768	4.693	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	8322	3.549	ng	# 1

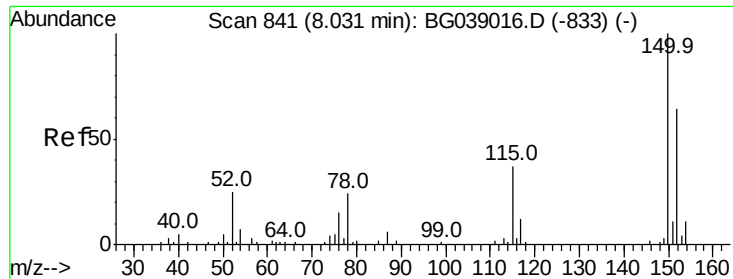
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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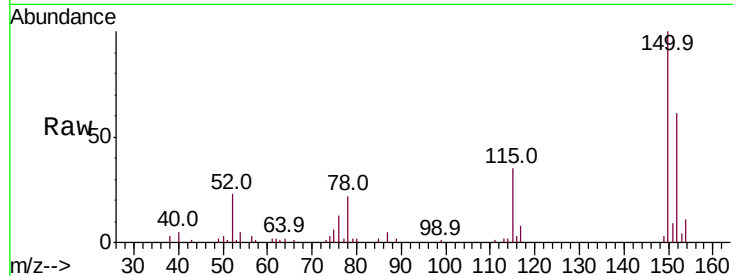


#1

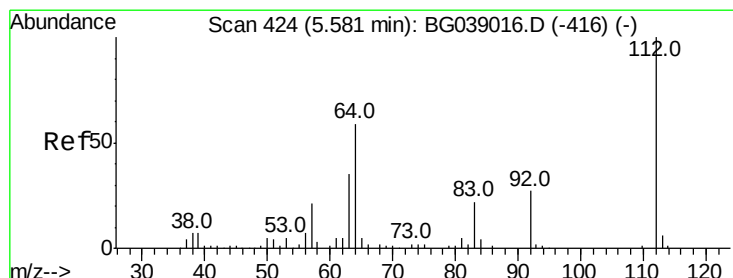
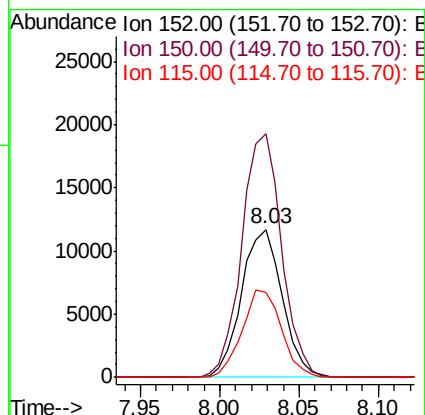
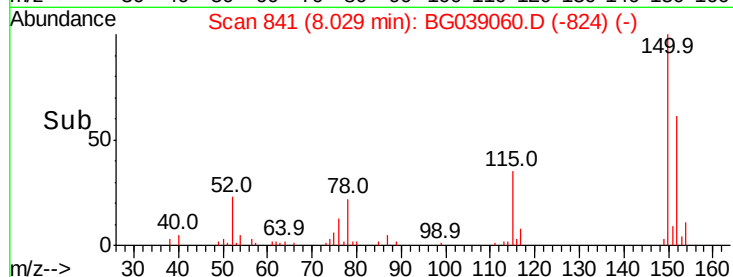
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039060.D
Acq: 10 Jan 2019 19:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 20942
Ion Ratio Lower Upper
152 100
150 164.9 124.7 187.1
115 57.1 46.5 69.7



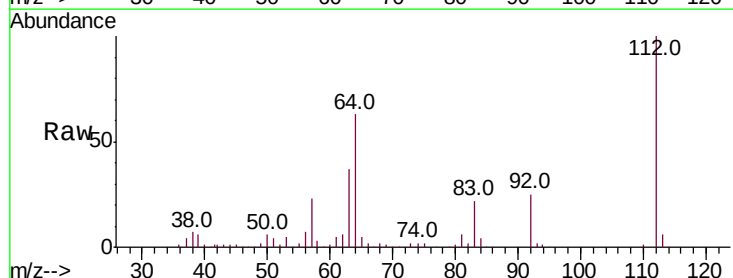
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



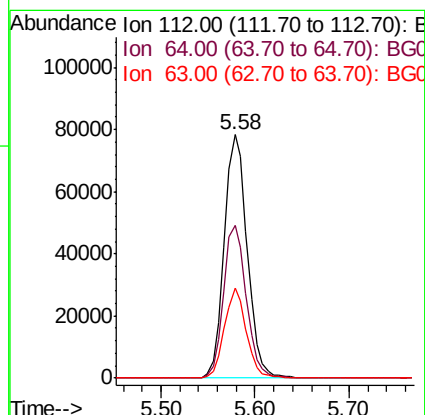
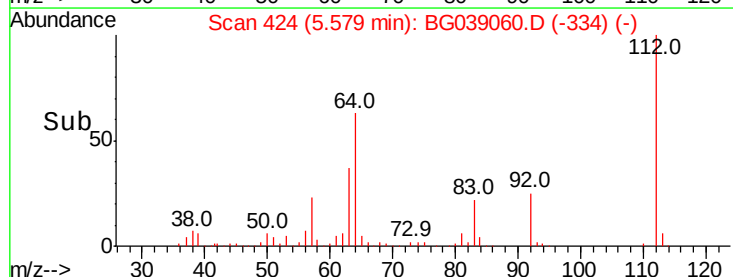
#5

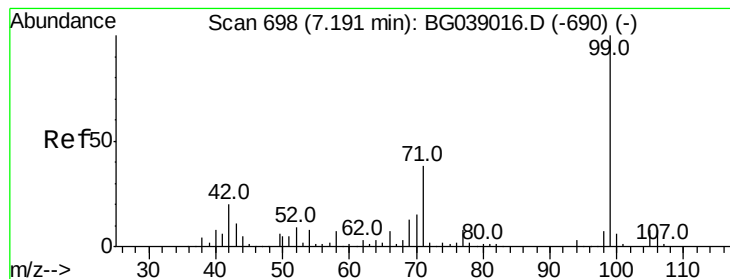
2-Fluorophenol
Concen: 120.922 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039060.D
Acq: 10 Jan 2019 19:59

Tgt Ion:112 Resp: 133493
Ion Ratio Lower Upper
112 100
64 62.6 47.0 70.6
63 36.9 28.0 42.0



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





#7

Phenol-d6

Concen: 123.085 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039060.D

Acq: 10 Jan 2019 19:59

Instrument :

BNA_G

ClientSampled :

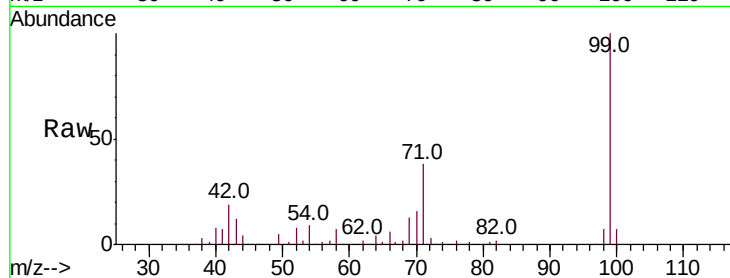
Tot Ion: 99 Resp: 195551

Ion Ratio Lower Upper

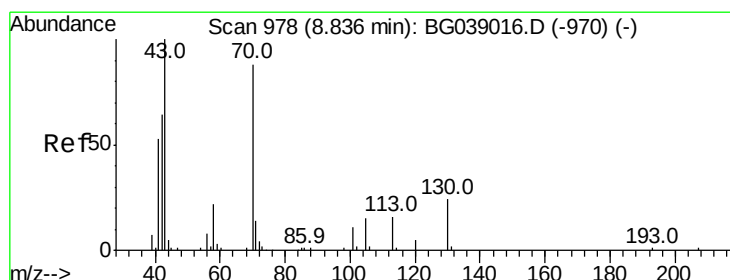
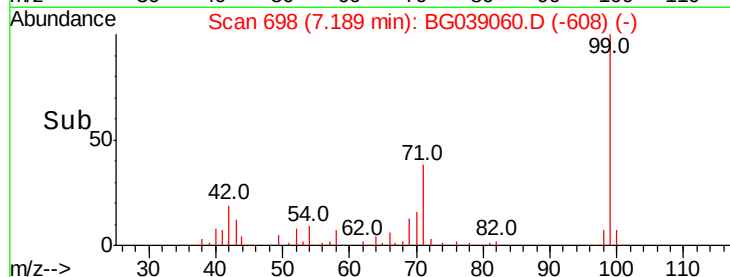
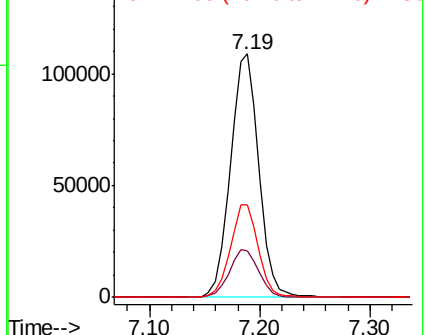
99 100

42 18.9 15.8 23.6

71 38.0 30.2 45.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.878 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.37 min

Lab File: BG039060.D

Acq: 10 Jan 2019 19:59

Tgt Ion: 70 Resp: 15522

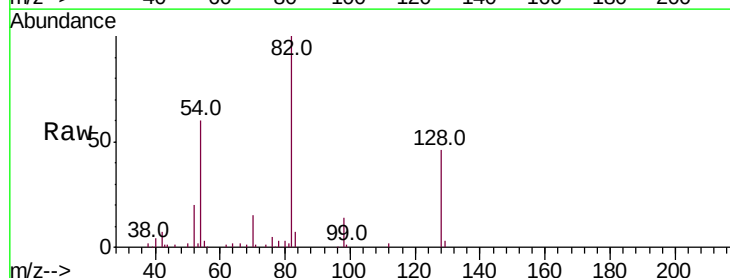
Ion Ratio Lower Upper

70 100

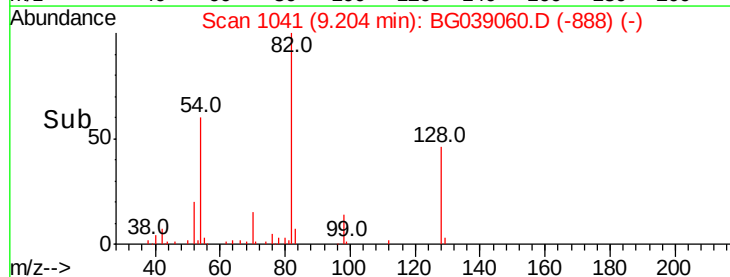
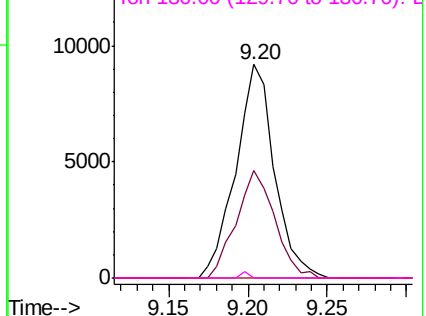
42 50.3 59.0 88.4#

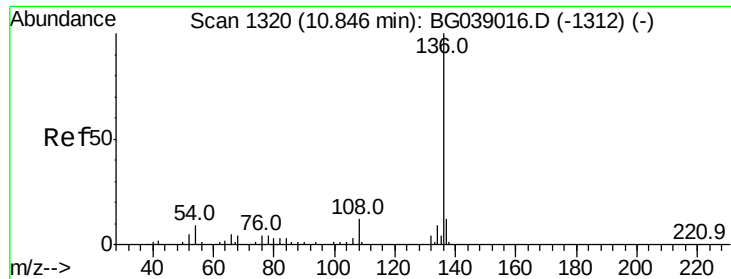
101 0.0 10.4 15.6#

130 0.0 21.6 32.4#



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

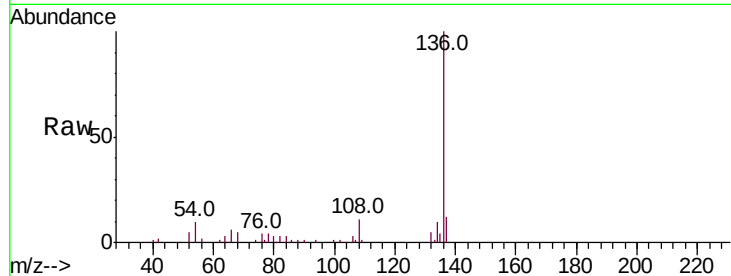




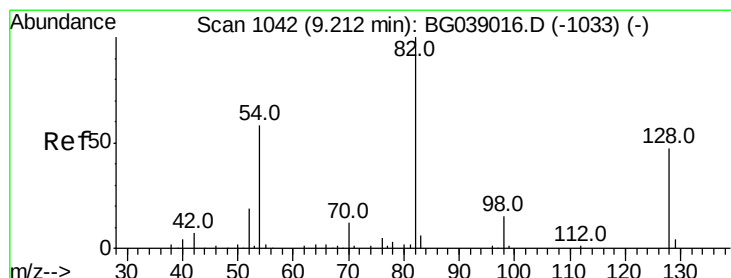
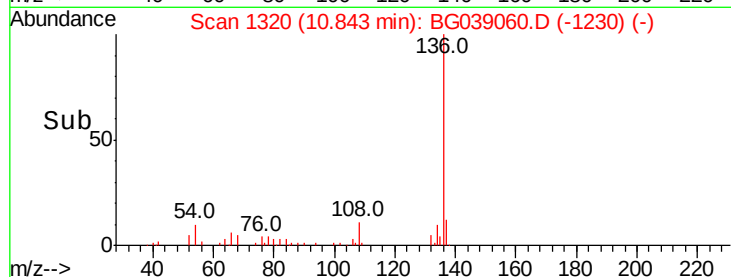
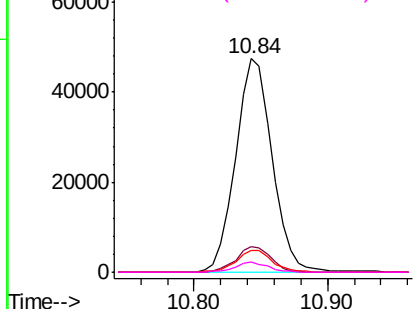
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039060.D
Acq: 10 Jan 2019 19:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	89799
Ion Ratio	Lower	Upper
136 100		
137 11.8	9.4	14.2
54 10.2	7.2	10.8
68 4.9	3.5	5.3

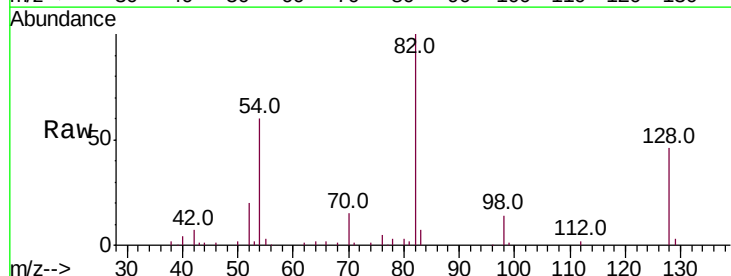


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

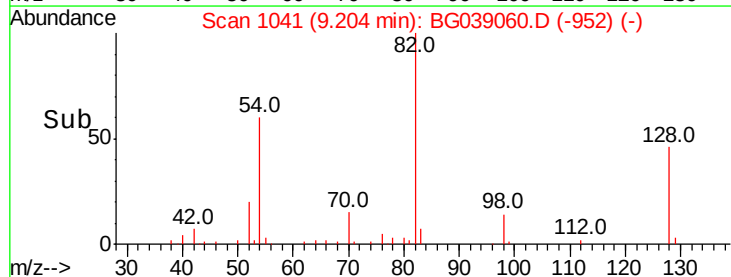
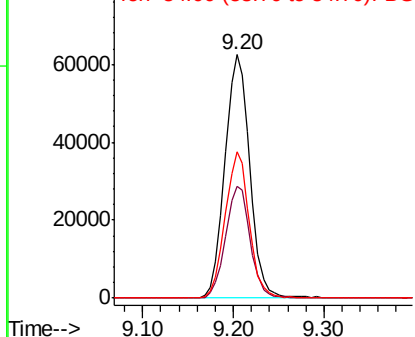


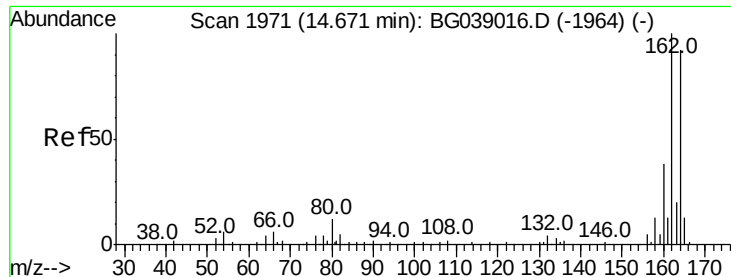
#23
Nitrobenzene-d5
Concen: 72.220 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039060.D
Acq: 10 Jan 2019 19:59

Tgt Ion: 82	Resp: 118518
Ion Ratio	Lower Upper
82 100	
128 45.8	37.3 55.9
54 60.4	46.4 69.6



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

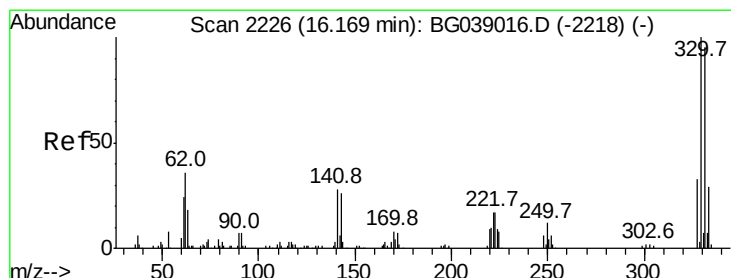
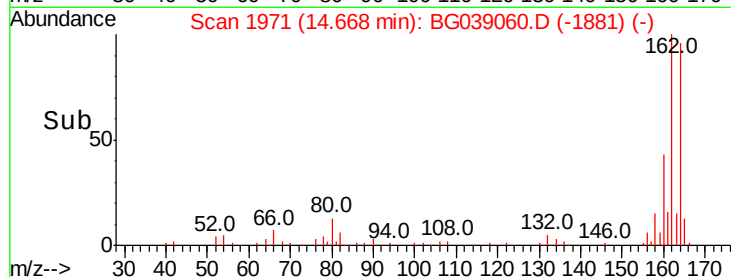
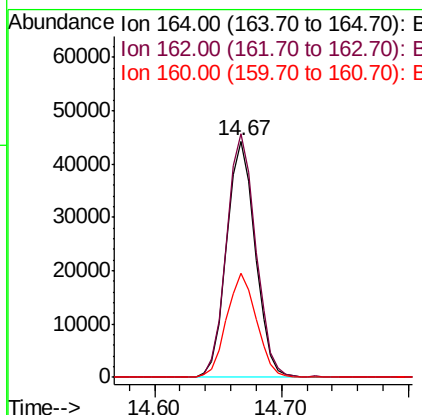
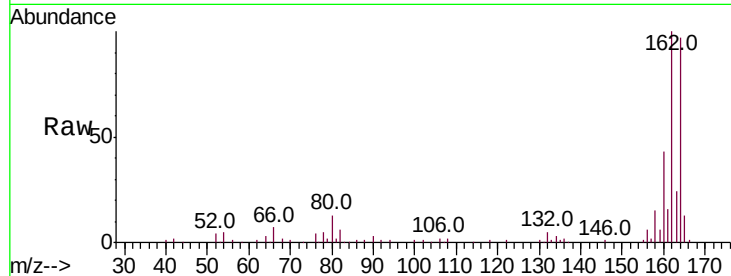




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG039060.D
 Acq: 10 Jan 2019 19:59

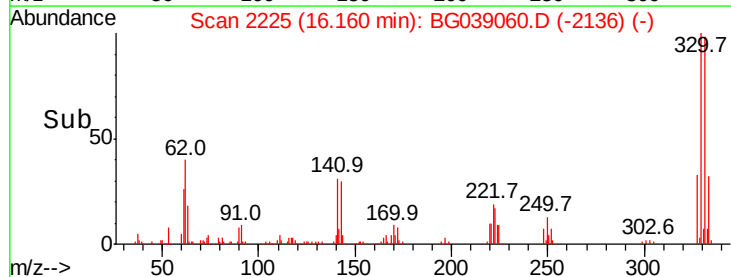
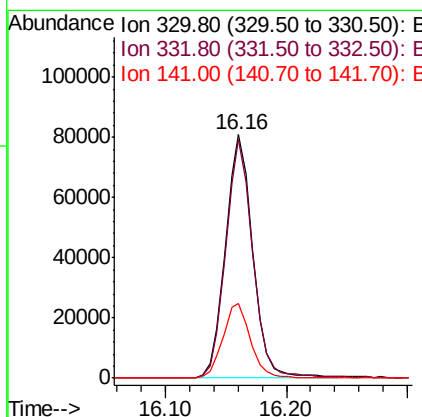
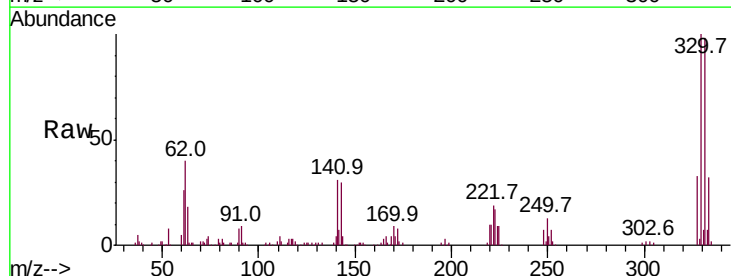
Instrument :
 BNA_G
 ClientSampleId :

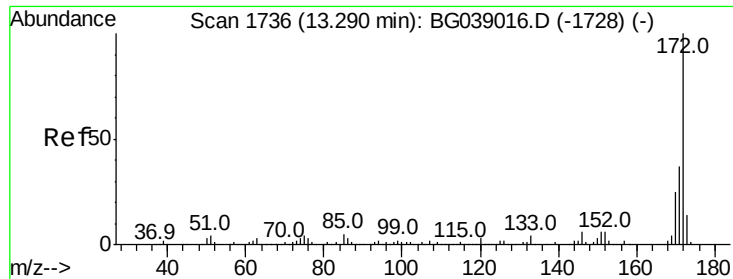
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	87.2	130.8
160	44.2	33.3	49.9



#42
 2,4,6-Tribromophenol
 Concen: 109.877 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG039060.D
 Acq: 10 Jan 2019 19:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.7	113.5
141	30.7	24.9	37.3

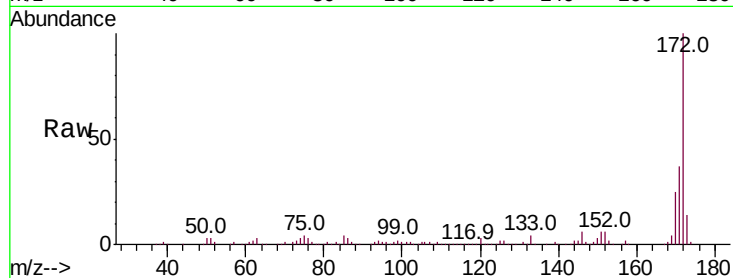




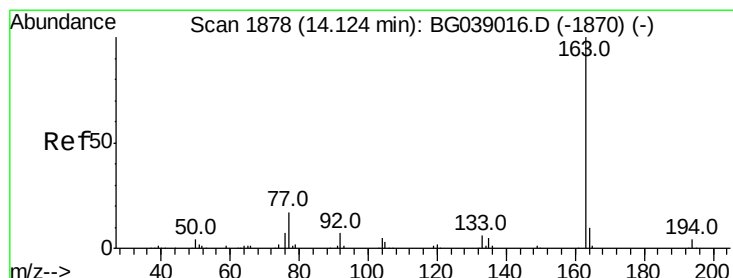
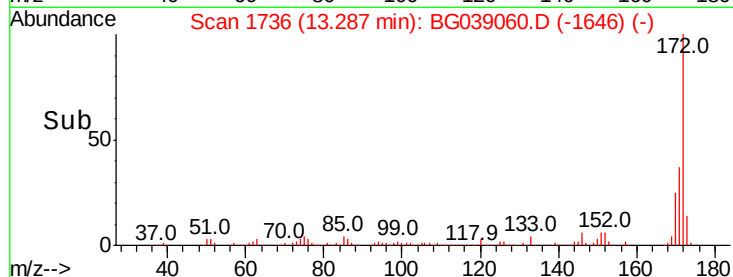
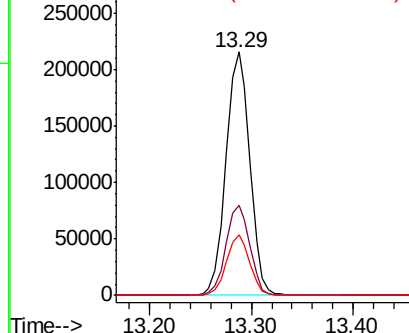
#45
2-Fluorobiphenyl
Concen: 69.536 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039060.D
Acq: 10 Jan 2019 19:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 350205
Ion Ratio Lower Upper
172 100
171 37.1 29.4 44.0
170 24.8 20.1 30.1

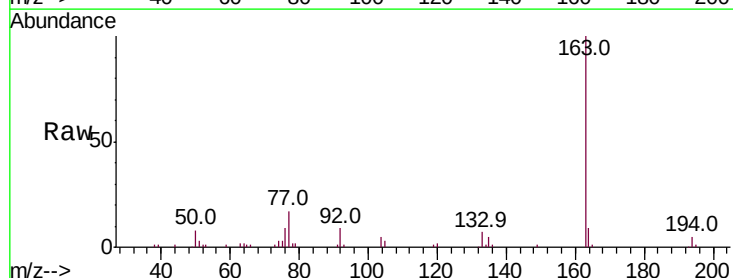


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

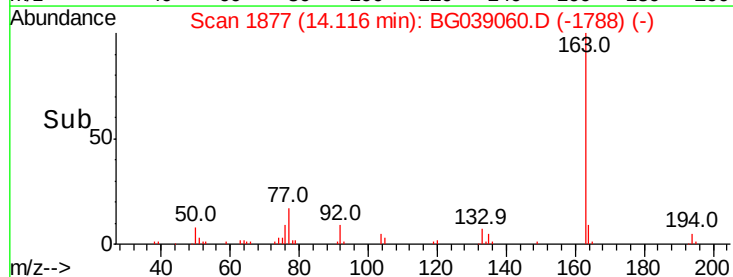
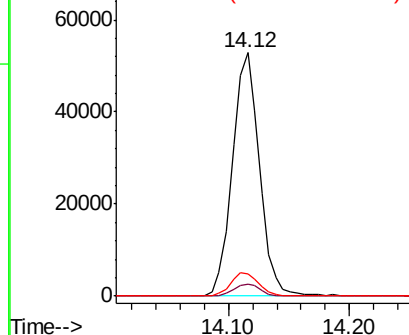


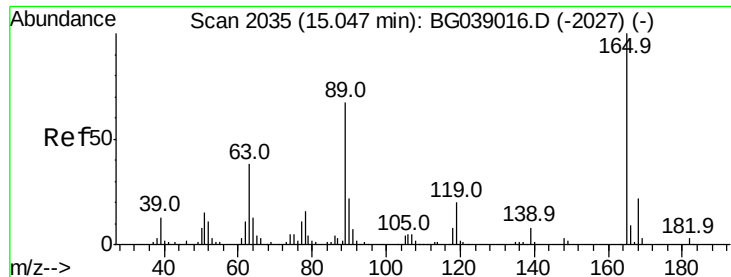
#50
Dimethylphthalate
Concen: 14.143 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG039060.D
Acq: 10 Jan 2019 19:59

Tgt Ion:163 Resp: 82373
Ion Ratio Lower Upper
163 100
194 4.9 3.6 5.4
164 8.9 8.2 12.2



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

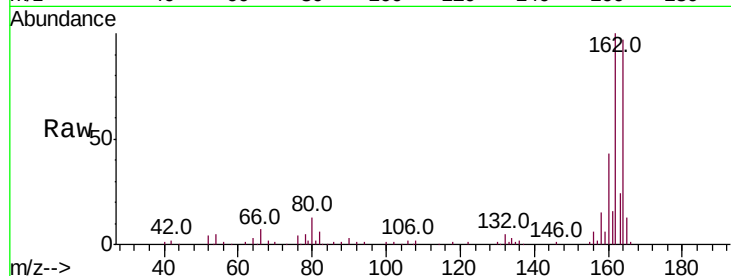




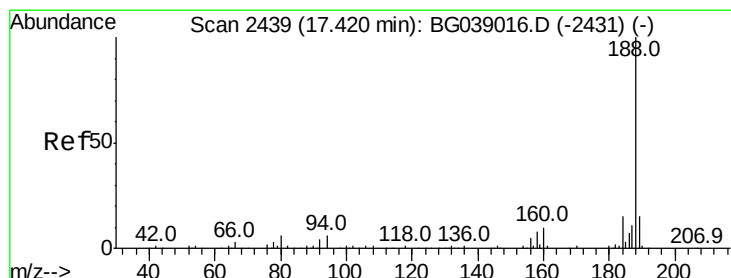
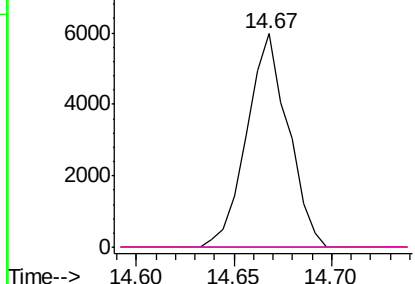
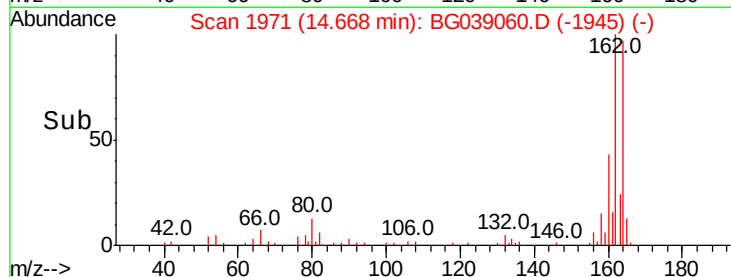
#57
 2,4-Dinitrotoluene
 Concen: 4.693 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.38 min
 Lab File: BG039060.D
 Acq: 10 Jan 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 8768
 Ion Ratio Lower Upper
 165 100
 63 0.0 30.2 45.4#
 89 0.0 53.2 79.8#
 182 0.0 2.7 4.1#

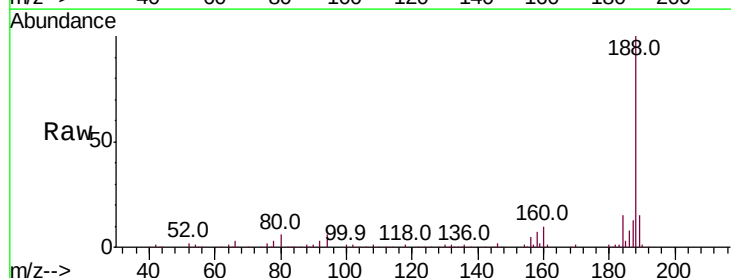


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

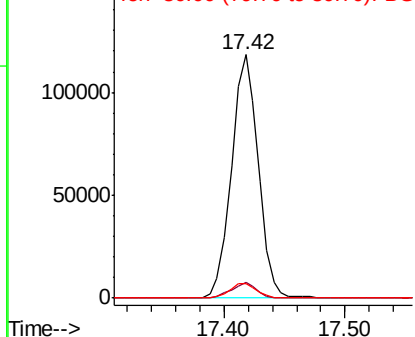
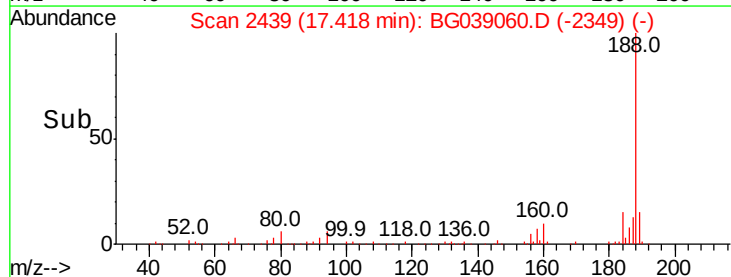


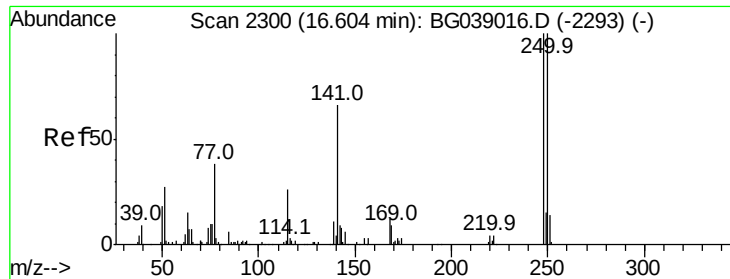
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BG039060.D
 Acq: 10 Jan 2019 19:59

Tgt Ion:188 Resp: 182418
 Ion Ratio Lower Upper
 188 100
 94 6.4 5.0 7.4
 80 6.2 4.7 7.1



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

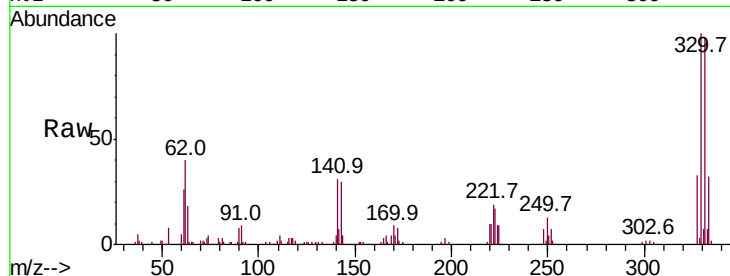




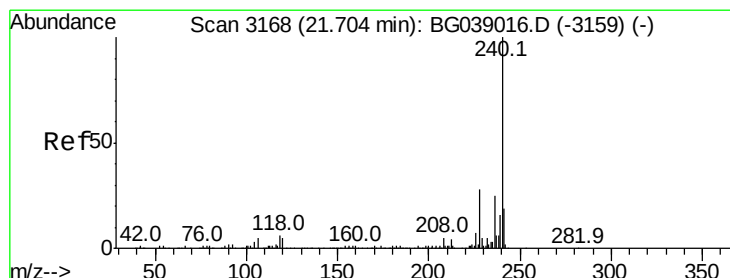
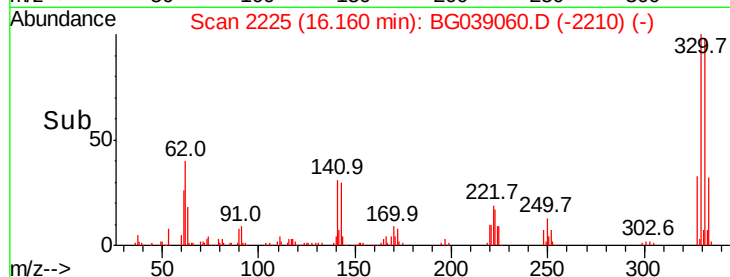
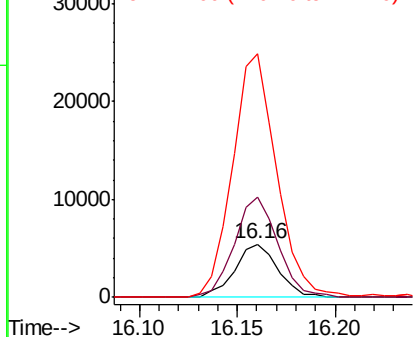
#67
 4-Bromophenyl-phenylether
 Concen: 3.549 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.44 min
 Lab File: BG039060.D
 Acq: 10 Jan 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 8322
 Ion Ratio Lower Upper
 248 100
 250 245.1 79.9 119.9#
 141 456.6 52.7 79.1#

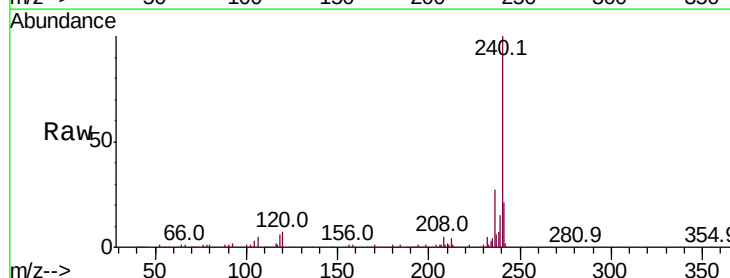


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

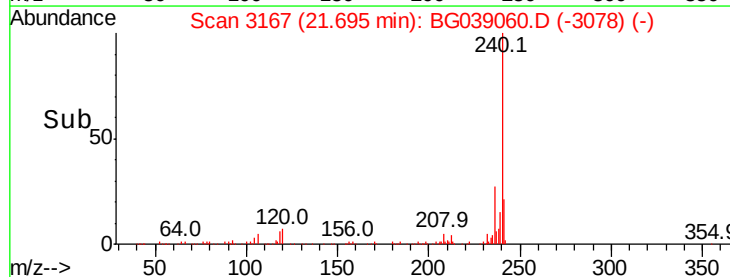
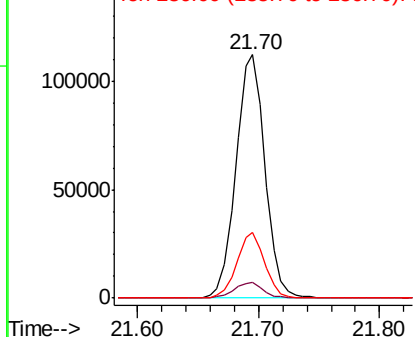


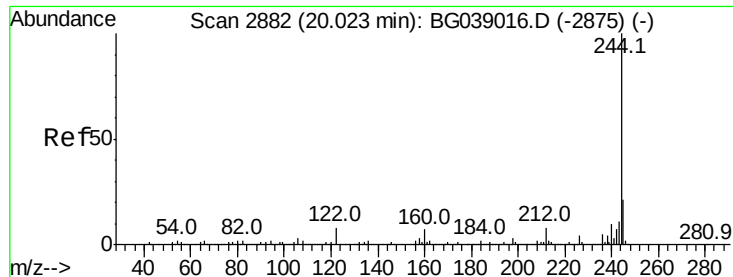
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.01 min
 Lab File: BG039060.D
 Acq: 10 Jan 2019 19:59

Tgt Ion:240 Resp: 187364
 Ion Ratio Lower Upper
 240 100
 120 6.6 4.3 6.5#
 236 26.8 20.1 30.1



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: 67.487 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039060.D

Acq: 10 Jan 2019 19:59

Instrument :

BNA_G

ClientSampleId :

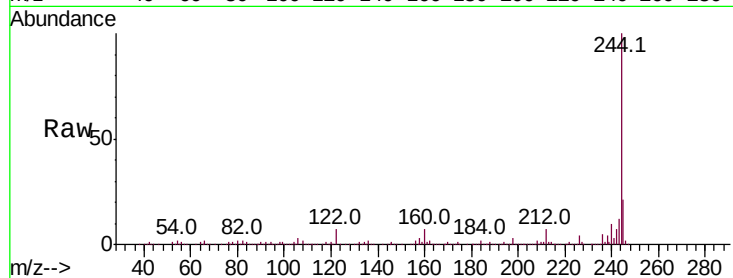
Tot Ion:244 Resp: 683532

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

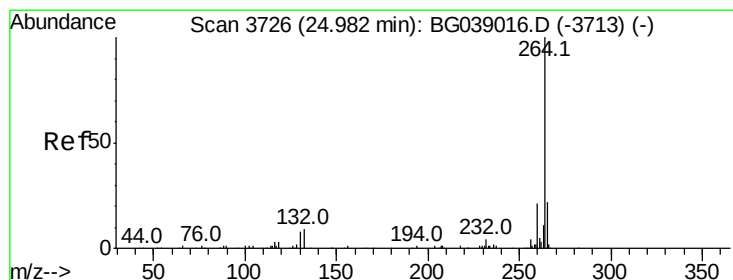
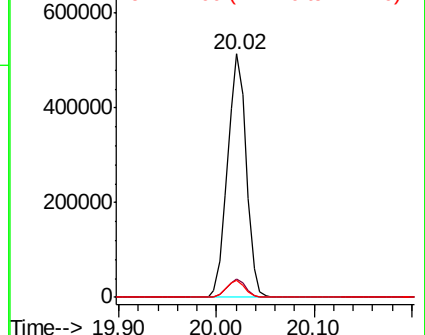
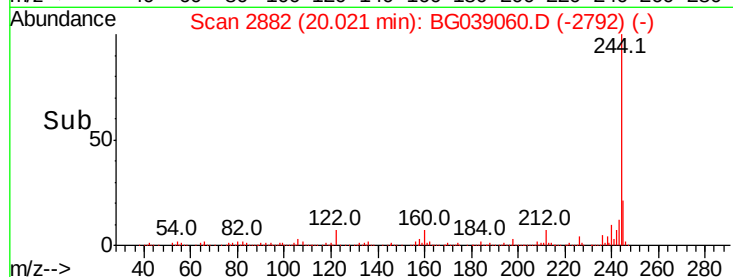
122 6.9 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3725

Delta R.T. -0.01 min

Lab File: BG039060.D

Acq: 10 Jan 2019 19:59

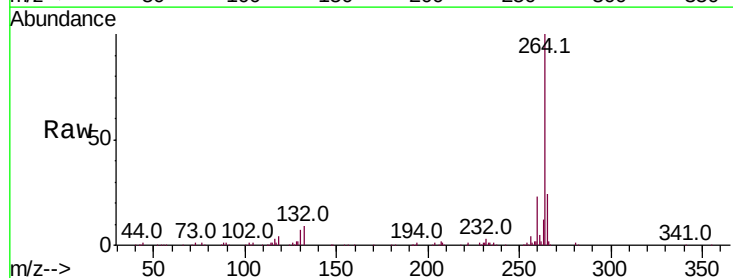
Tgt Ion:264 Resp: 200604

Ion Ratio Lower Upper

264 100

260 22.8 17.0 25.6

265 23.5 17.2 25.8



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

