

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
 Data File : BG039008.D
 Acq On : 9 Jan 2019 00:26
 Operator : JU/SJ
 Sample : K1072-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 09 03:04:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

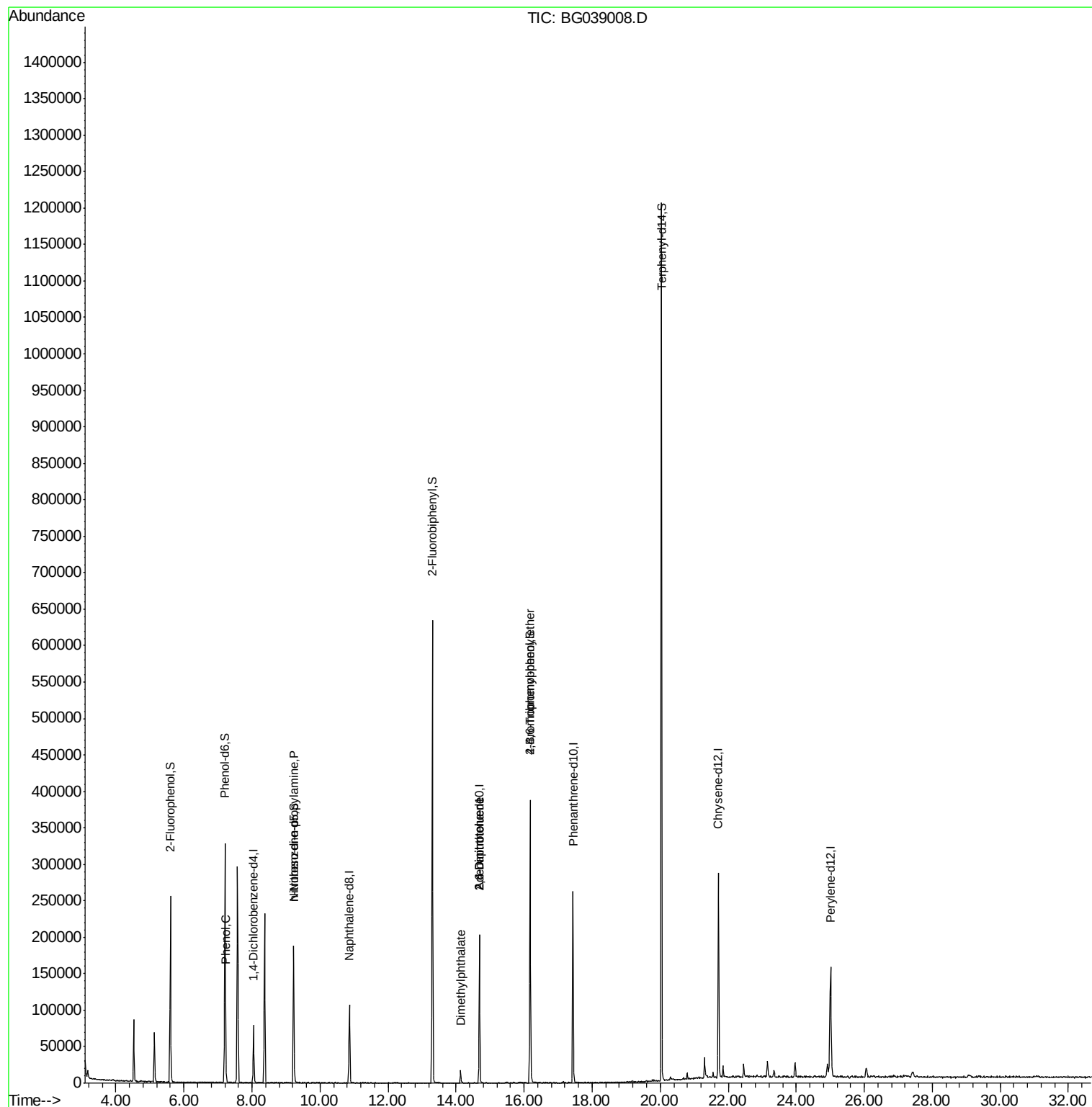
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	23114	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	100104	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	74401	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	180453	20.00	ng	0.00
76) Chrysene-d12	21.71	240	181734	20.00	ng	-0.01
87) Perylene-d12	25.00	264	192292	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	121096	92.92	ng	0.00
7) Phenol-d6	7.21	99	194899	108.94	ng	0.00
23) Nitrobenzene-d5	9.22	82	116867	59.64	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	90615	88.37	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	362172	66.78	ng	-0.01
79) Terphenyl-d14	20.04	244	649429	77.77	ng	0.00
Target Compounds						
10) Phenol	7.23	94	4360	2.294	ng	83
19) n-Nitroso-di-n-propylamine	9.22	70	15905	12.658	ng	# 63
50) Dimethylphthalate	14.13	163	15614	2.570	ng	97
51) 2,6-Dinitrotoluene	14.69	165	9297	6.752	ng	# 22
57) 2,4-Dinitrotoluene	14.69	165	9297	4.794	ng	# 24
67) 4-Bromophenyl-phenylether	16.17	248	5781	2.623	ng	# 1

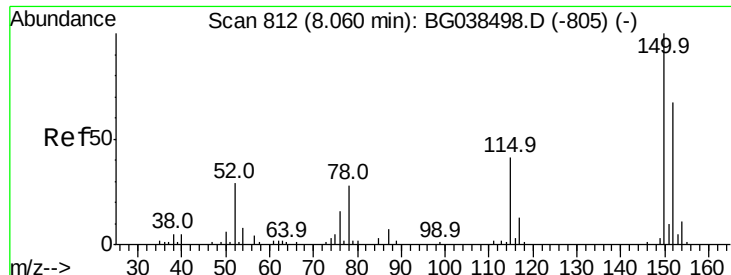
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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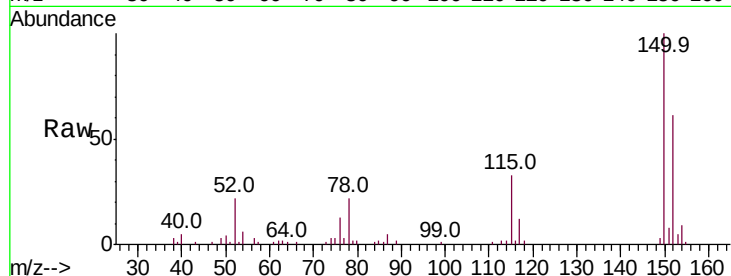


#1

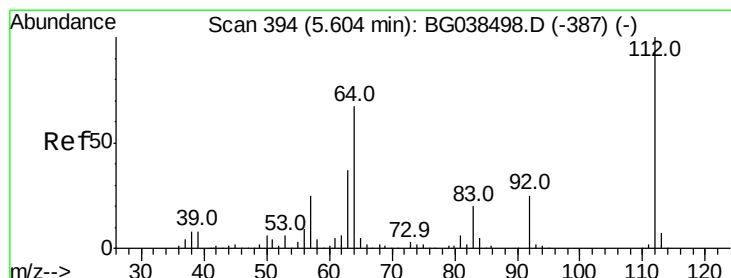
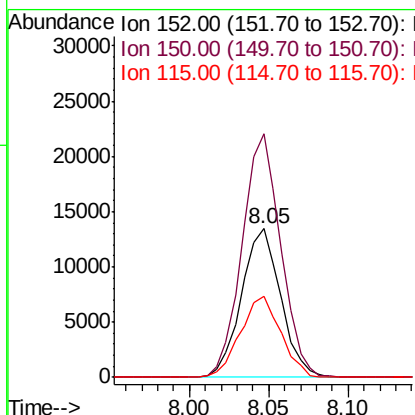
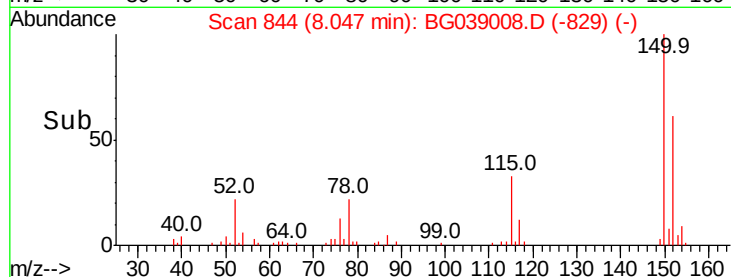
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 23114
Ion Ratio Lower Upper
152 100
150 164.1 119.5 179.3
115 54.9 49.6 74.4



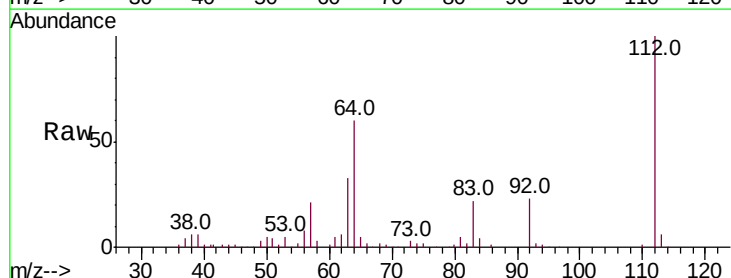
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



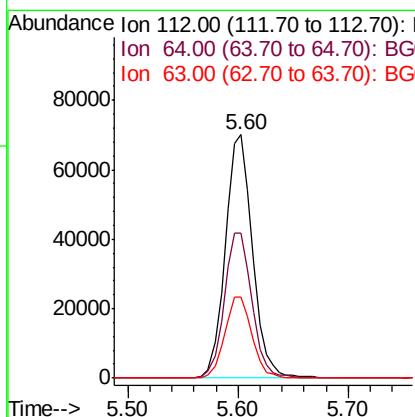
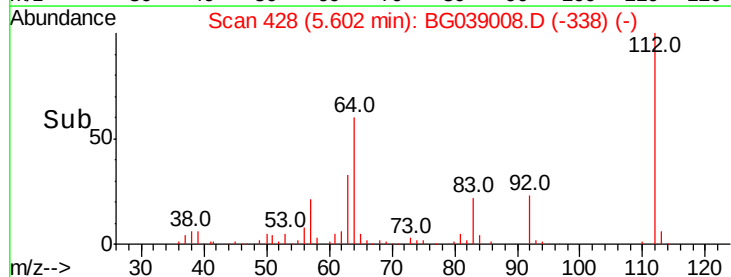
#5

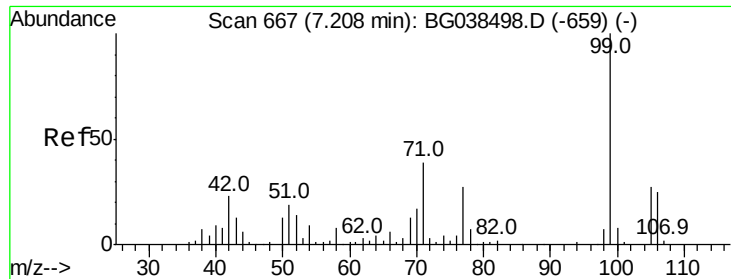
2-Fluorophenol
Concen: 92.923 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Tgt Ion:112 Resp: 121096
Ion Ratio Lower Upper
112 100
64 59.6 53.4 80.2
63 33.3 29.3 43.9



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: 108.942 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG039008.D

Acq: 9 Jan 2019 00:26

Instrument :

BNA_G

ClientSampled :

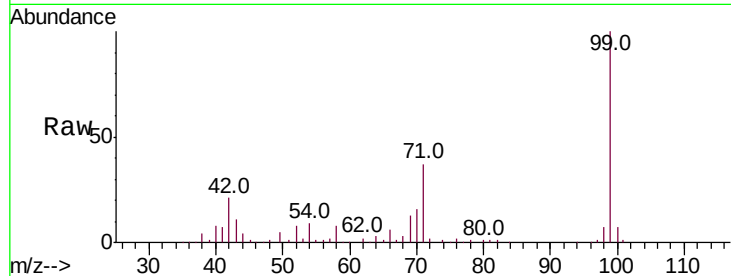
Tot Ion: 99 Resp: 194899

Ion Ratio Lower Upper

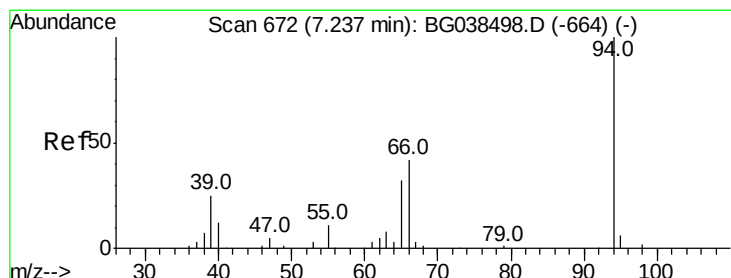
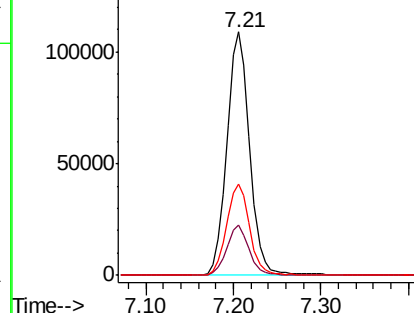
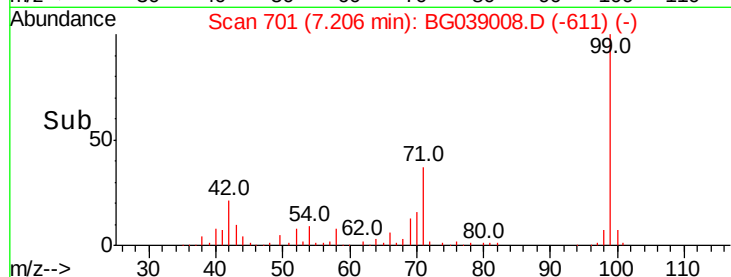
99 100

42 20.6 18.5 27.7

71 37.3 31.1 46.7



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: 2.294 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG039008.D

Acq: 9 Jan 2019 00:26

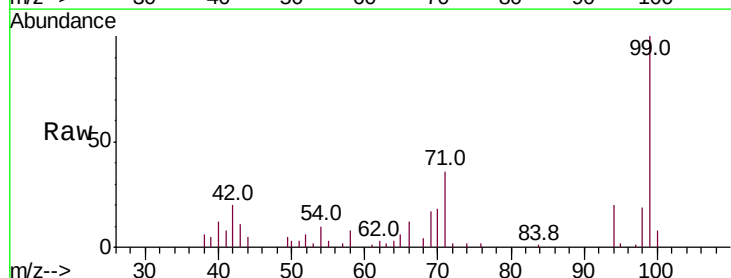
Tgt Ion: 94 Resp: 4360

Ion Ratio Lower Upper

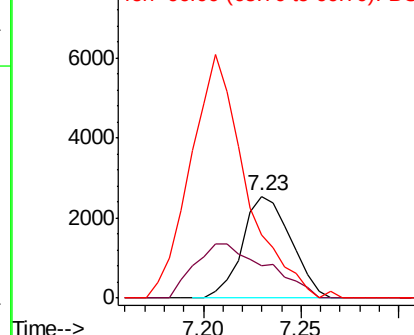
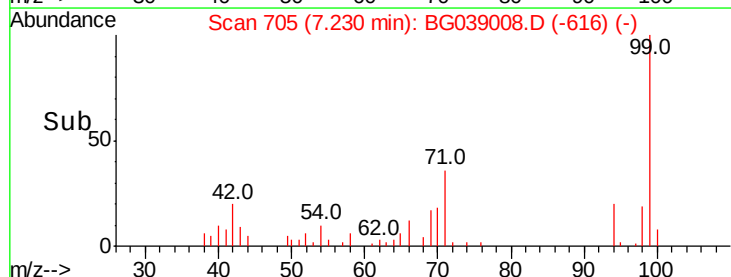
94 100

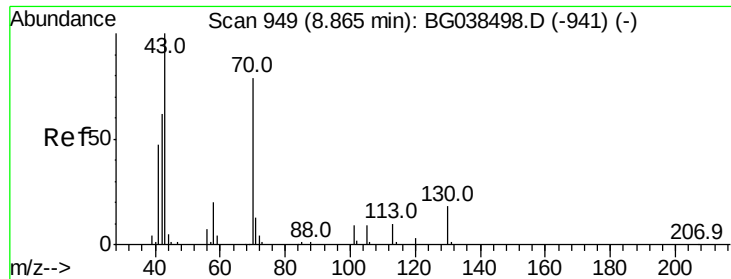
65 31.5 12.6 52.6

66 62.1 24.1 64.1



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

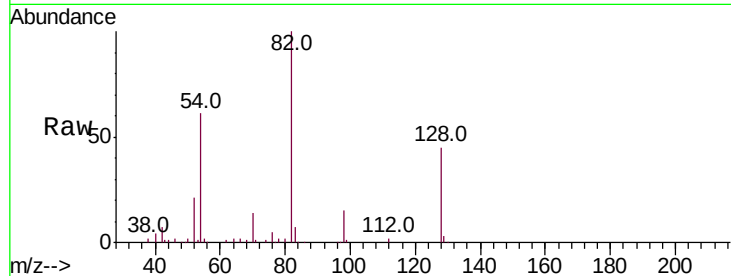




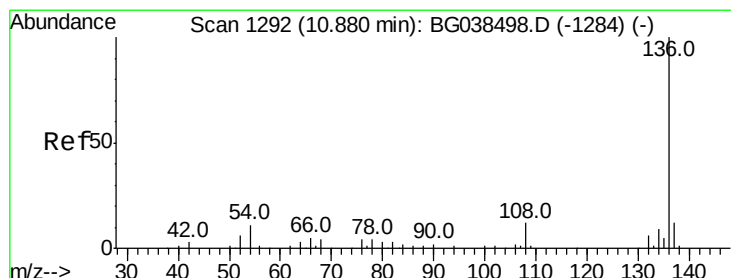
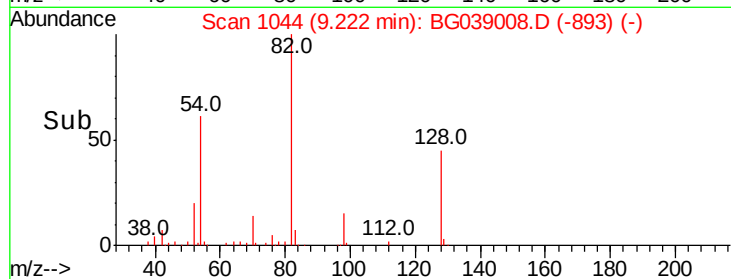
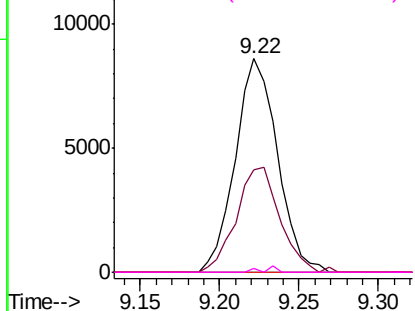
#19
n-Nitroso-di-n-propylamine
Concen: 12.658 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.36 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 15905
Ion Ratio Lower Upper
70 100
42 47.8 63.6 95.4#
101 0.0 9.2 13.8#
130 1.8 18.5 27.7#

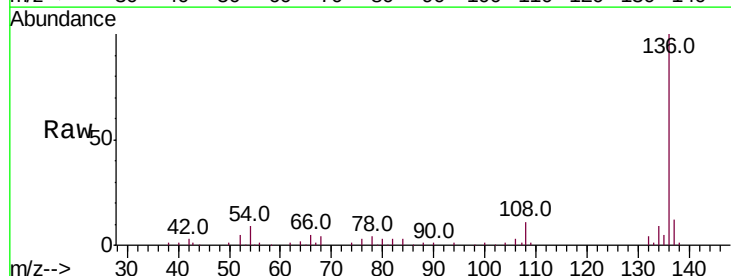


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

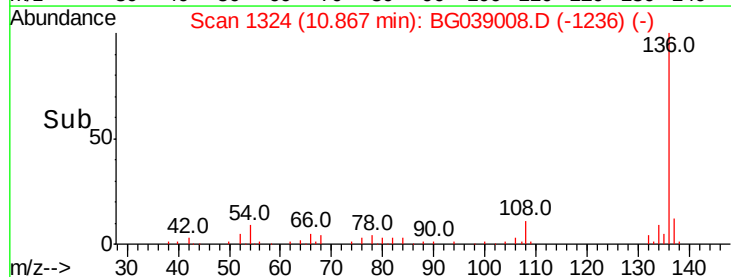
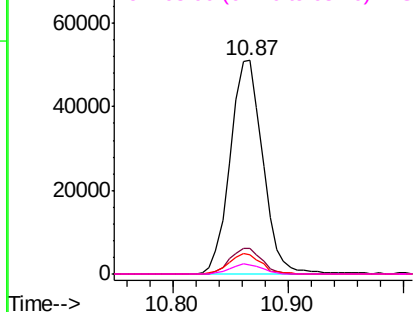


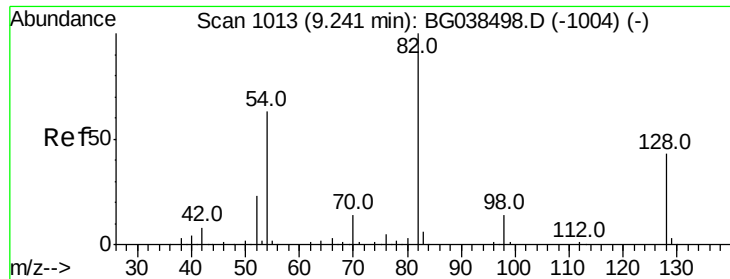
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Tgt Ion:136 Resp: 100104
Ion Ratio Lower Upper
136 100
137 12.2 9.3 13.9
54 9.0 8.5 12.7
68 4.1 3.5 5.3



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

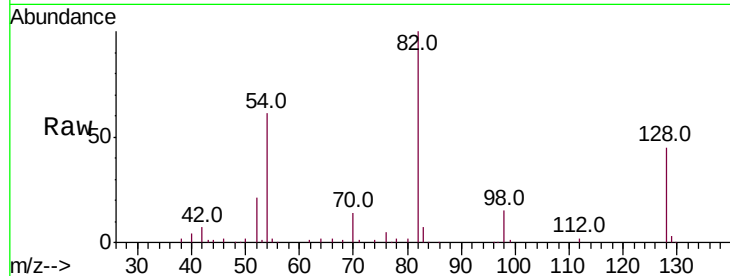




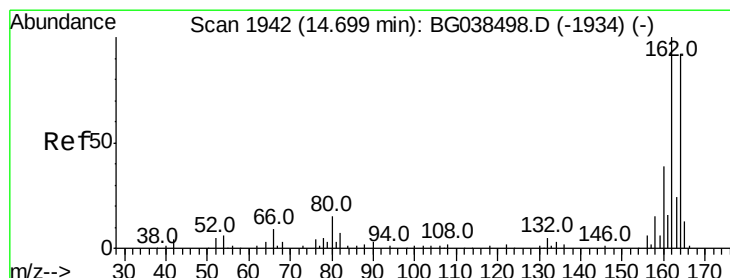
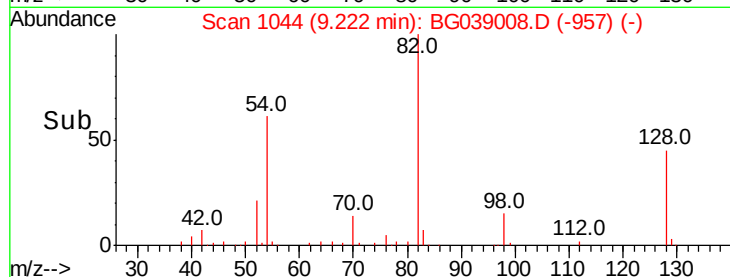
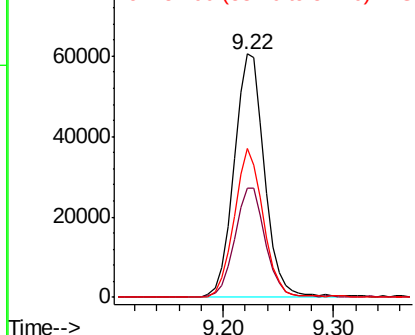
#23
Nitrobenzene-d5
Concen: 59.642 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 116867
Ion Ratio Lower Upper
82 100
128 45.0 34.6 52.0
54 61.0 50.6 76.0

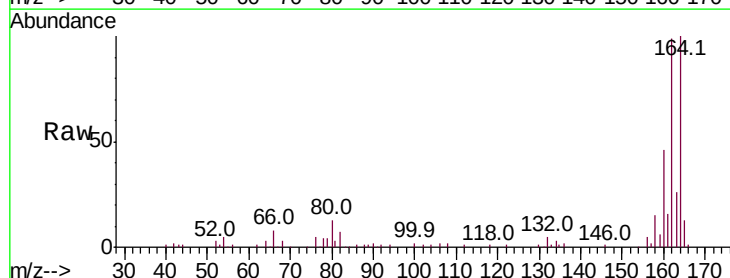


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

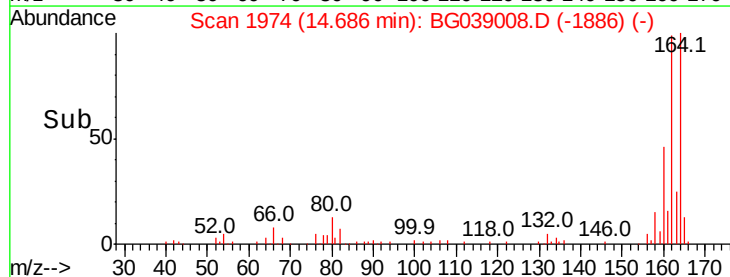
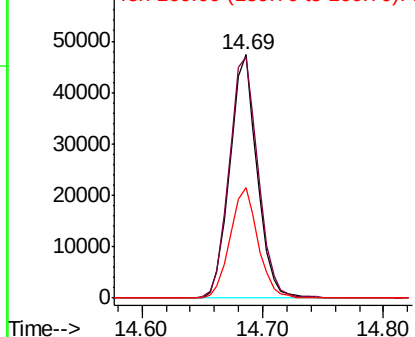


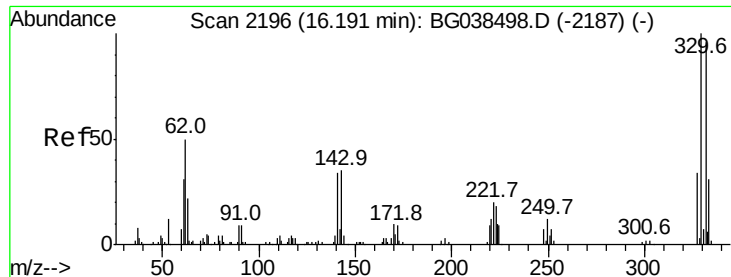
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Tgt Ion:164 Resp: 74401
Ion Ratio Lower Upper
164 100
162 99.1 86.6 130.0
160 45.6 34.2 51.2



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

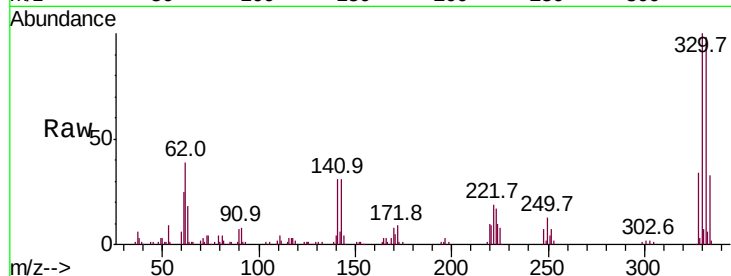




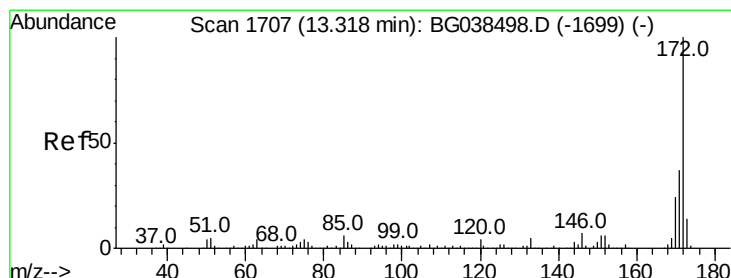
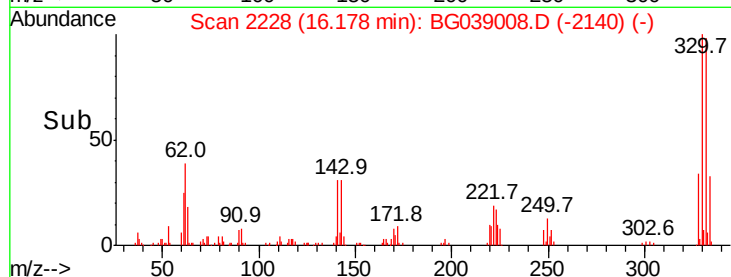
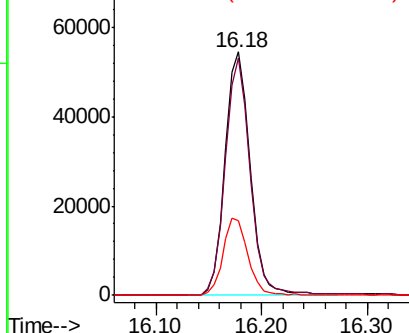
#42
 2,4,6-Tribromophenol
 Concen: 88.372 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG039008.D
 Acq: 9 Jan 2019 00:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	31.2	28.8	43.2

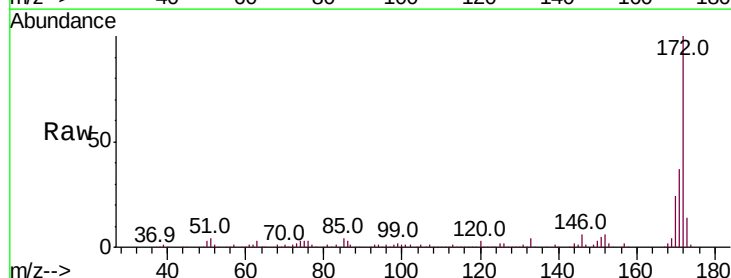


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

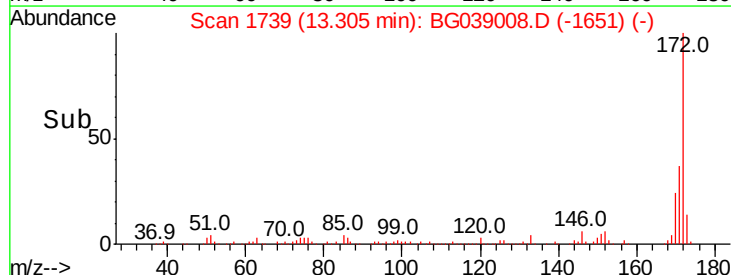
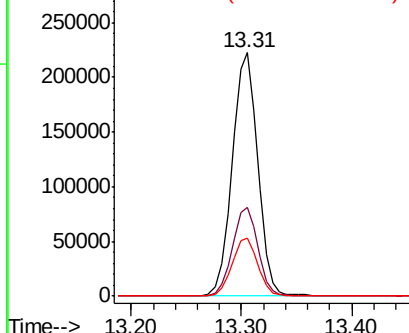


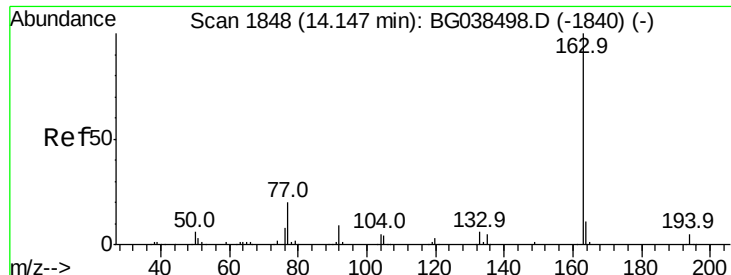
#45
 2-Fluorobiphenyl
 Concen: 66.779 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039008.D
 Acq: 9 Jan 2019 00:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.0	19.5	29.3



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: 2.570 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG039008.D

Acq: 9 Jan 2019 00:26

Instrument :

BNA_G

ClientSampleId :

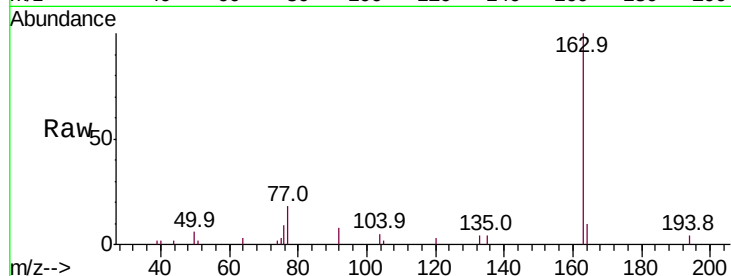
Tot Ion:163 Resp: 15614

Ion Ratio Lower Upper

163 100

194 3.9 3.7 5.5

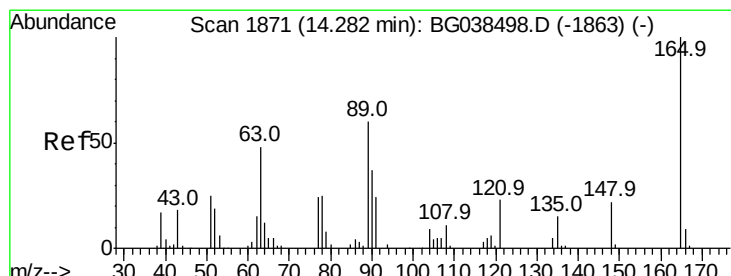
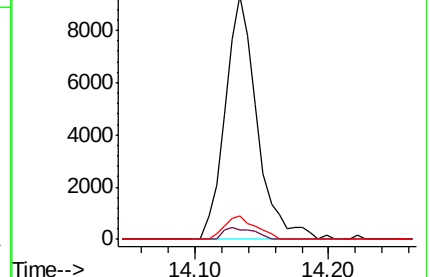
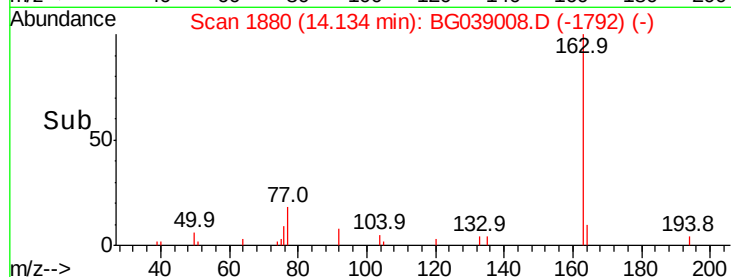
164 9.6 8.6 12.8



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: 6.752 ng

RT: 14.69 min Scan# 1974

Delta R.T. 0.40 min

Lab File: BG039008.D

Acq: 9 Jan 2019 00:26

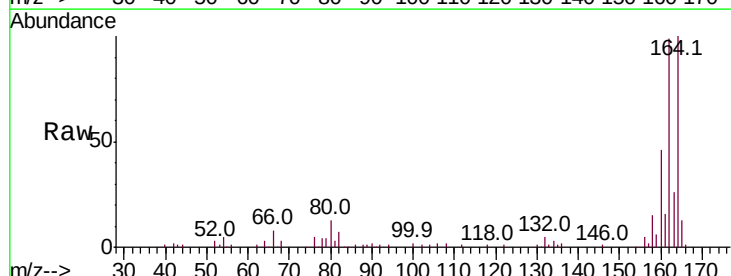
Tgt Ion:165 Resp: 9297

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.6#

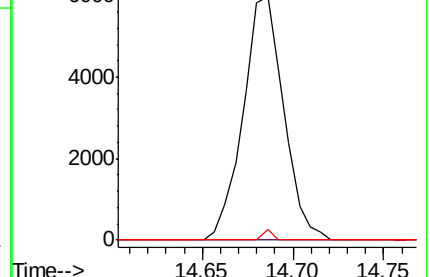
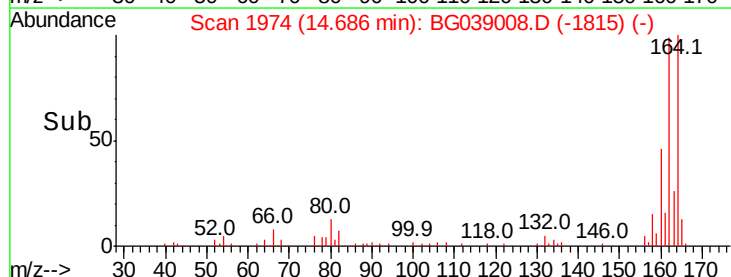
89 4.4 47.9 71.9#

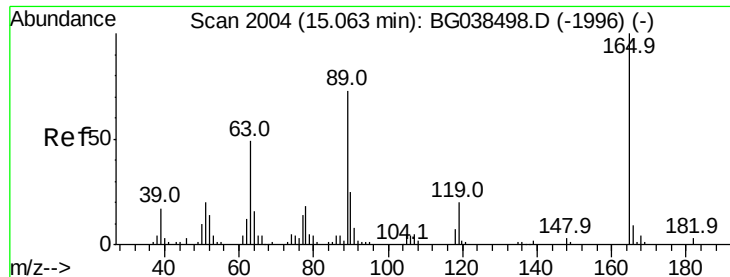


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

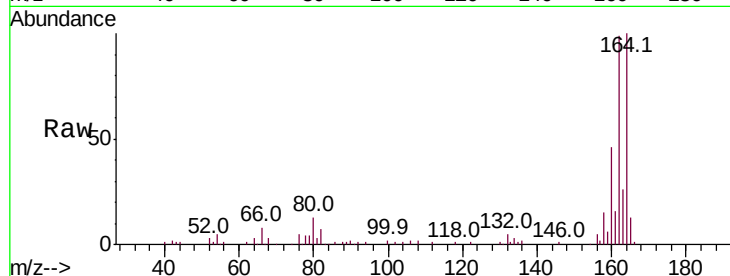




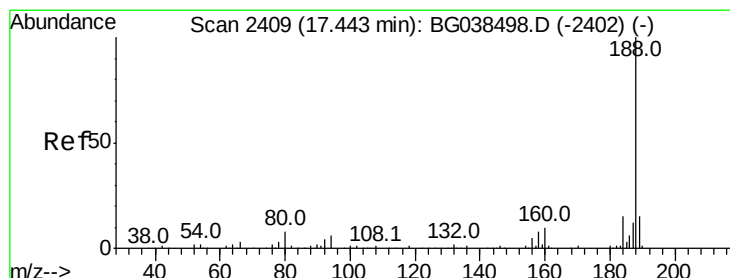
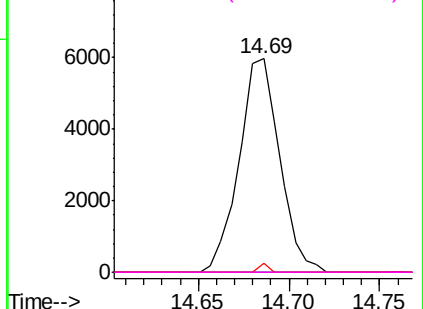
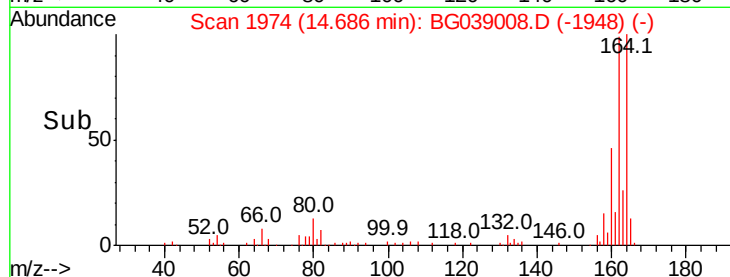
#57
 2,4-Dinitrotoluene
 Concen: 4.794 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG039008.D
 Acq: 9 Jan 2019 00:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 9297
 Ion Ratio Lower Upper
 165 100
 63 0.0 39.0 58.4#
 89 4.4 58.0 87.0#
 182 0.0 2.3 3.5#

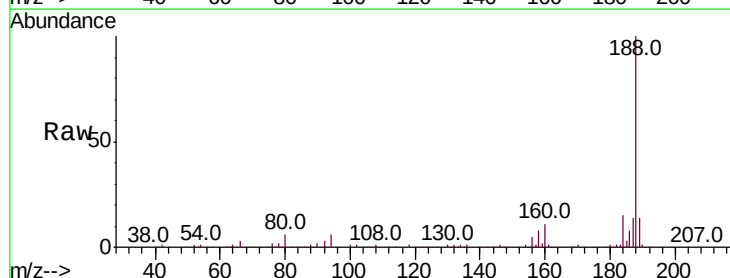


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

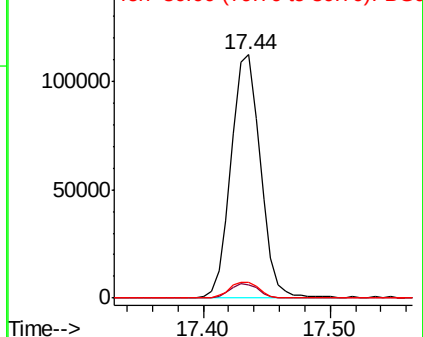
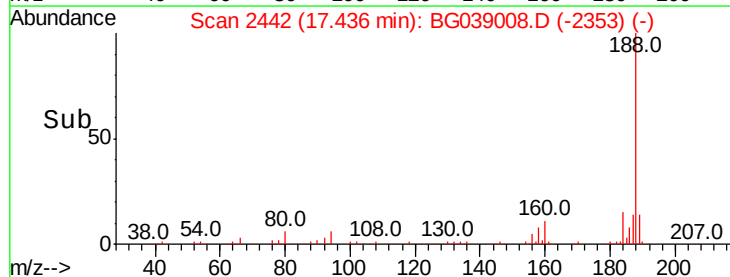


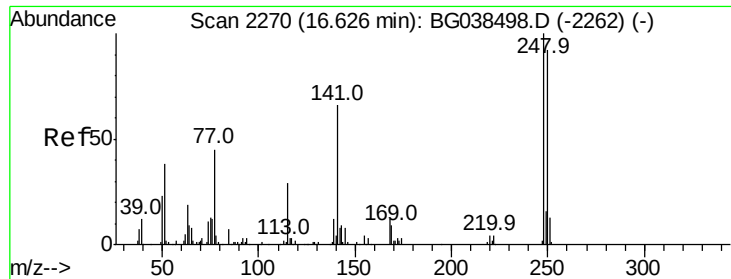
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG039008.D
 Acq: 9 Jan 2019 00:26

Tgt Ion:188 Resp: 180453
 Ion Ratio Lower Upper
 188 100
 94 5.6 5.1 7.7
 80 6.5 6.1 9.1



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: 2.623 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.45 min

Lab File: BG039008.D

Acq: 9 Jan 2019 00:26

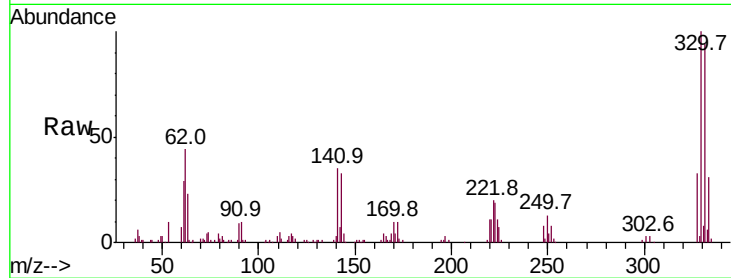
Instrument :

BNA_G

ClientSampleId :

Tot Ion:248 Resp: 5781

Ion	Ratio	Lower	Upper
248	100		
250	176.1	73.4	110.2#
141	360.2	52.9	79.3#

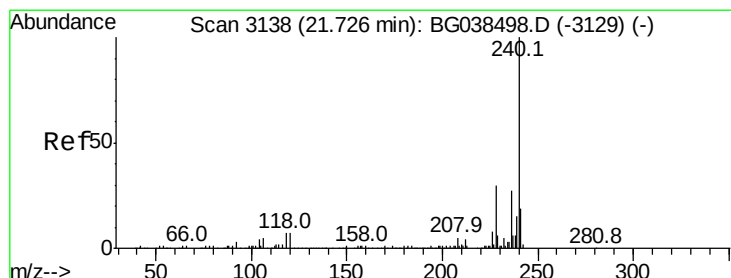
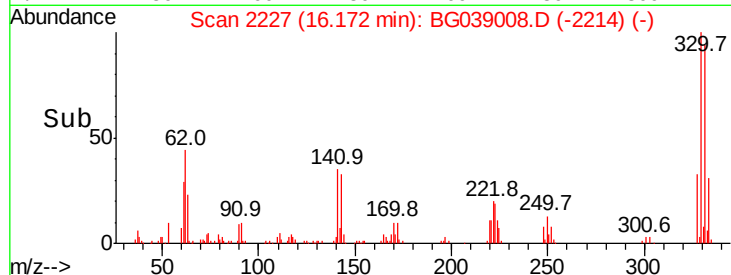
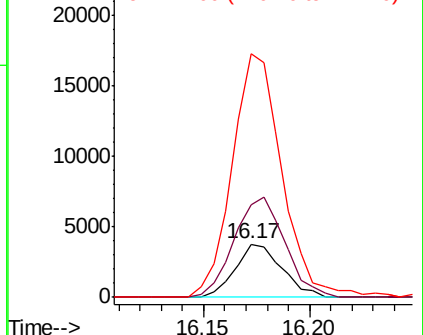


Abundance

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: 21.71 min Scan# 3170

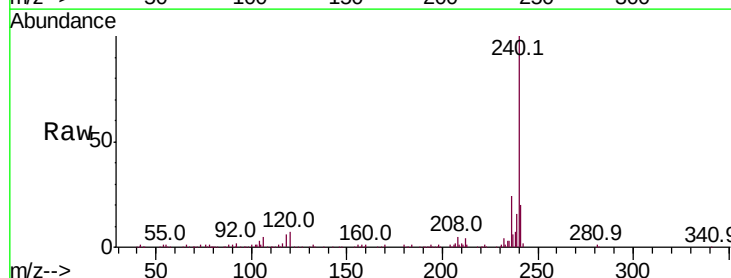
Delta R.T. -0.01 min

Lab File: BG039008.D

Acq: 9 Jan 2019 00:26

Tgt Ion:240 Resp: 181734

Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.3	7.9
236	24.4	21.4	32.2

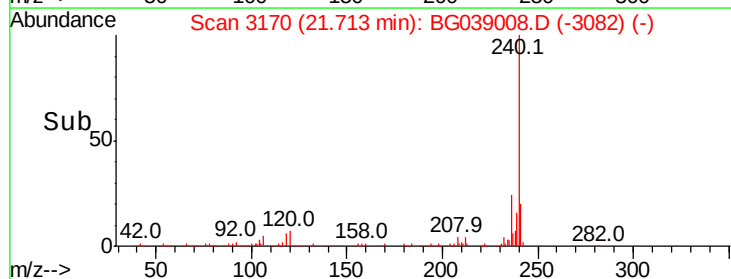
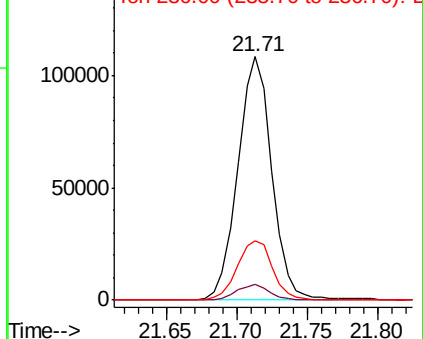


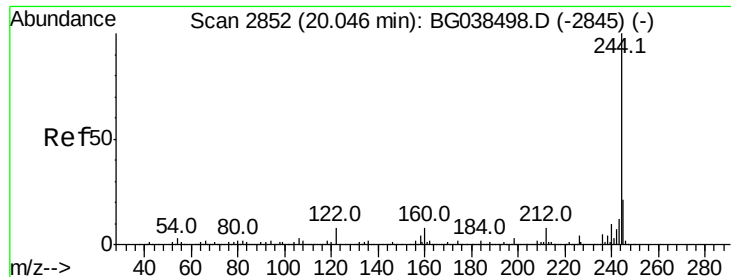
Abundance

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





#79

Terphenyl-d14

Concen: 77.772 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG039008.D

Acq: 9 Jan 2019 00:26

Instrument :

BNA_G

ClientSampleId :

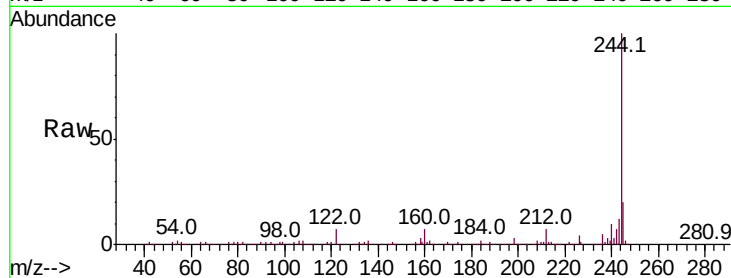
Tot Ion:244 Resp: 649429

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

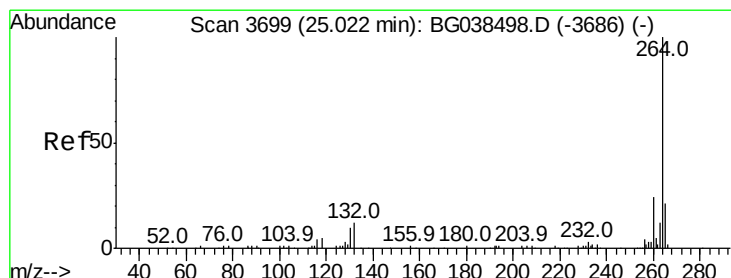
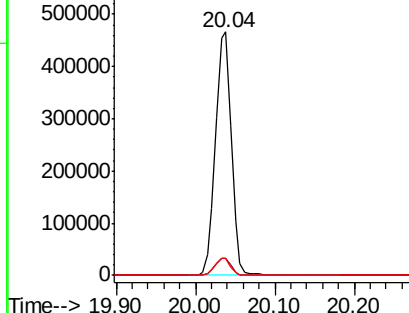
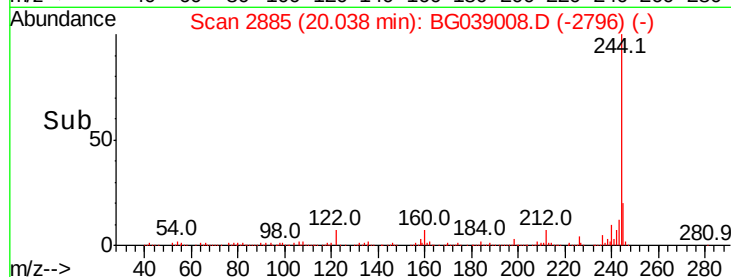
122 6.9 6.3 9.5



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: 25.00 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG039008.D

Acq: 9 Jan 2019 00:26

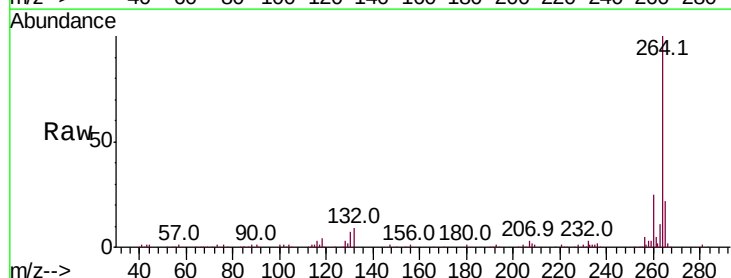
Tgt Ion:264 Resp: 192292

Ion Ratio Lower Upper

264 100

260 24.6 18.9 28.3

265 22.0 17.0 25.4



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

