

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
 Data File : BG039635.D
 Acq On : 27 Feb 2019 15:20
 Operator : JU/SJ
 Sample : K1594-38
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-8(7.5-8.5)

Quant Time: Feb 28 01:10:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

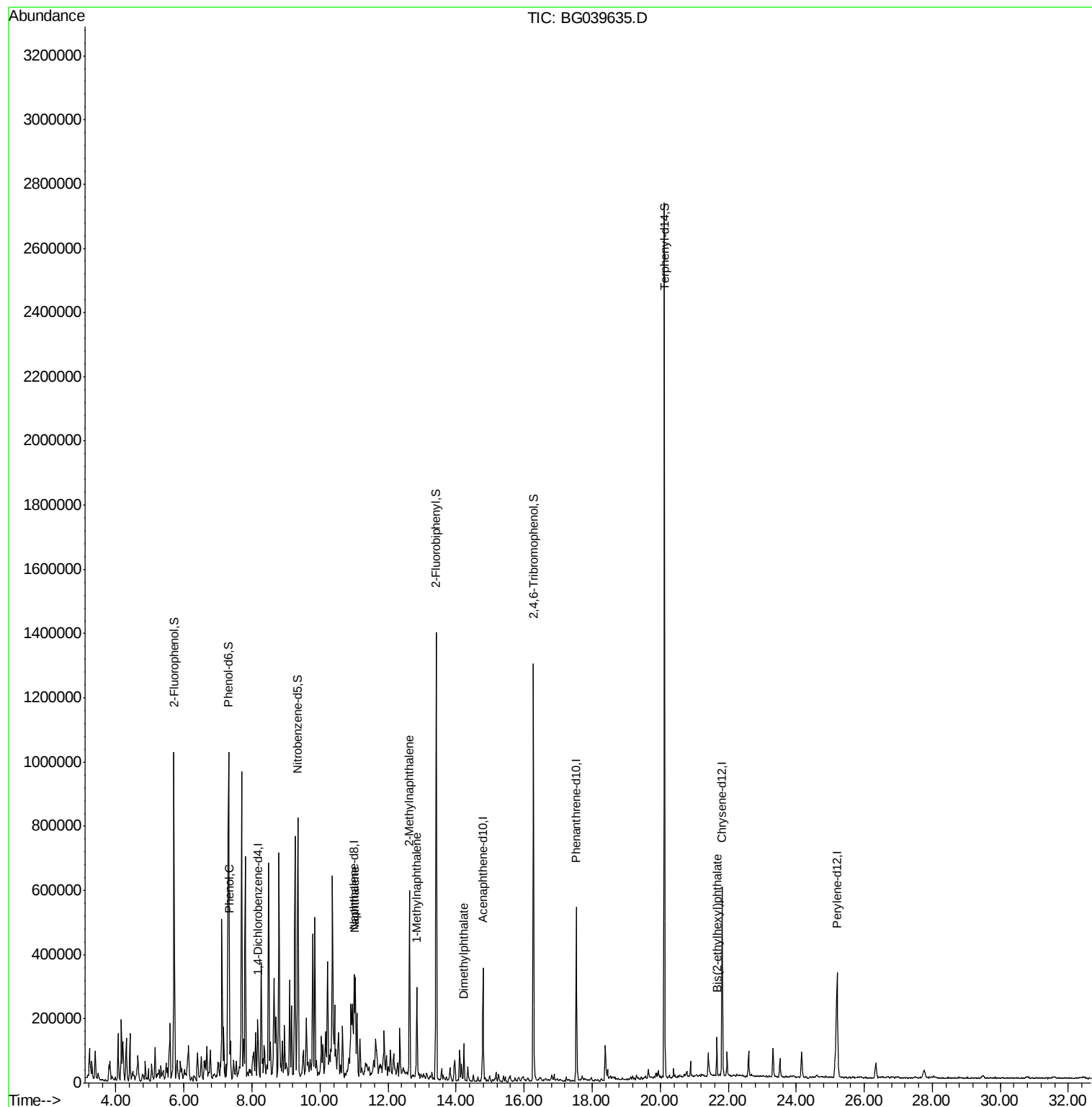
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	45417	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	182328	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	129324	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	333387	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	355841	20.00	ng	-0.03
87) Perylene-d12	25.20	264	364833	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	389295	146.70	ng	0.00
7) Phenol-d6	7.31	99	551231	141.12	ng	0.00
23) Nitrobenzene-d5	9.34	82	315223	108.01	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	232283	166.80	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	746619	82.82	ng	-0.02
79) Terphenyl-d14	20.12	244	1286169	76.51	ng	-0.03
Target Compounds						
10) Phenol	7.33	94	8485	2.084	ng	Qvalue # 49
31) Naphthalene	11.04	128	157362	17.397	ng	98
37) 2-Methylnaphthalene	12.63	142	287587	42.928	ng	99
38) 1-Methylnaphthalene	12.84	142	128739	19.935	ng	99
50) Dimethylphthalate	14.23	163	68527	6.561	ng	# 97
84) Bis(2-ethylhexyl)phthalate	21.67	149	48505	3.638	ng	99

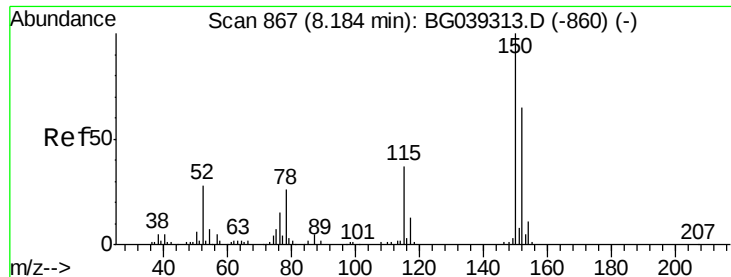
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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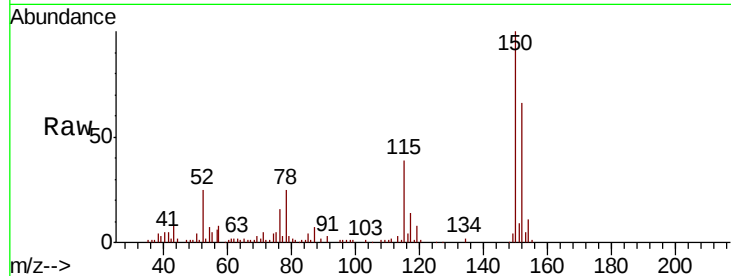


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039635.D
Acq: 27 Feb 2019 15:20

Instrument :
BNA_G
ClientSampleId :
B-8(7.5-8.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.7	185.5
115	58.7	45.9	68.9

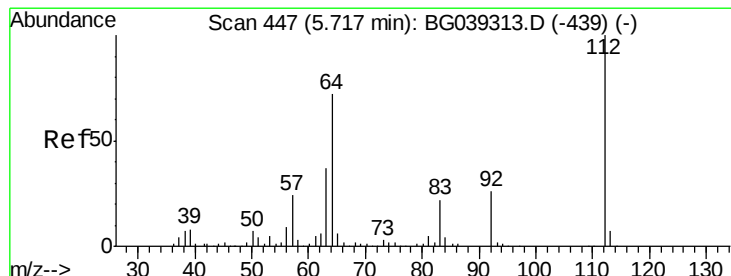
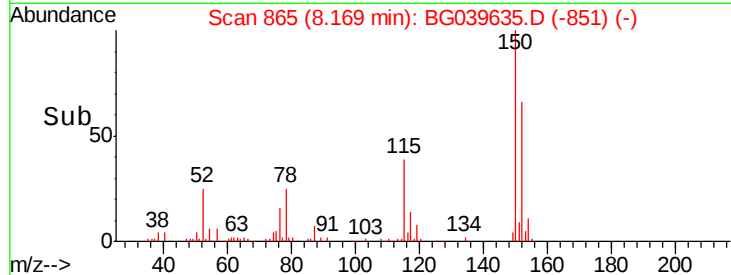
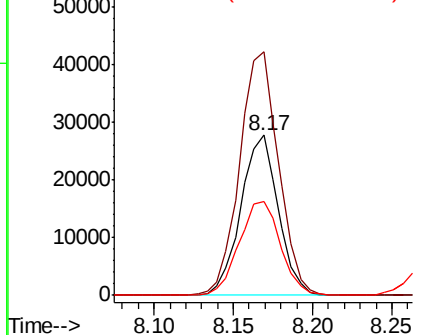


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

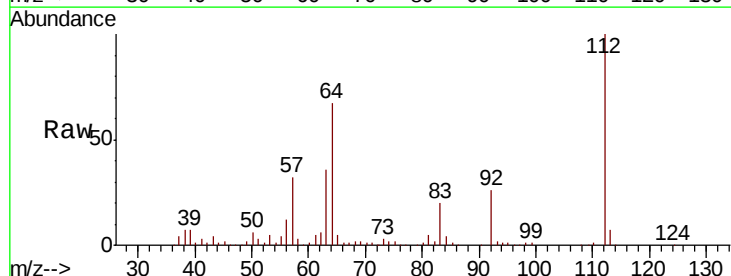
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 146.703 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039635.D
Acq: 27 Feb 2019 15:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	57.8	86.8
63	35.7	29.8	44.6

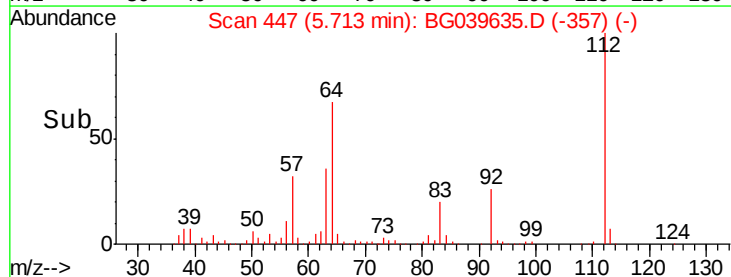
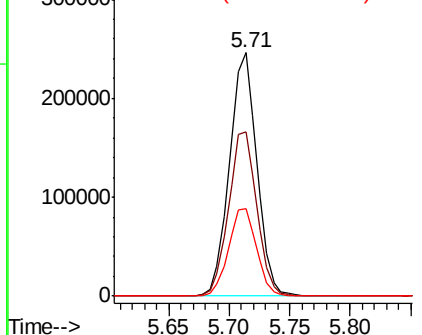


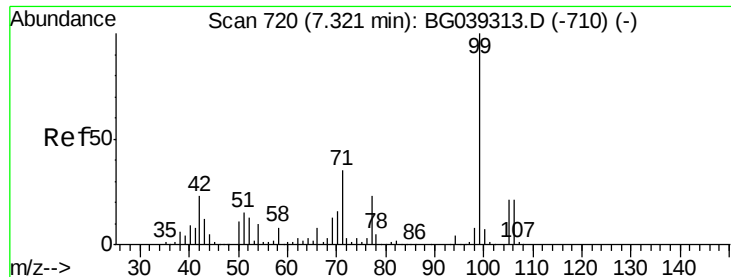
Abundance

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: 141.122 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039635.D

Acq: 27 Feb 2019 15:20

Instrument :

BNA_G

ClientSampleId :

B-8(7.5-8.5)

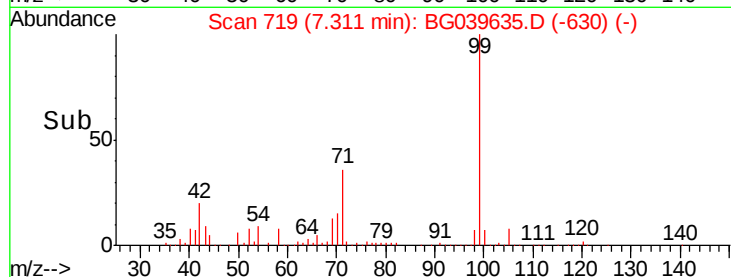
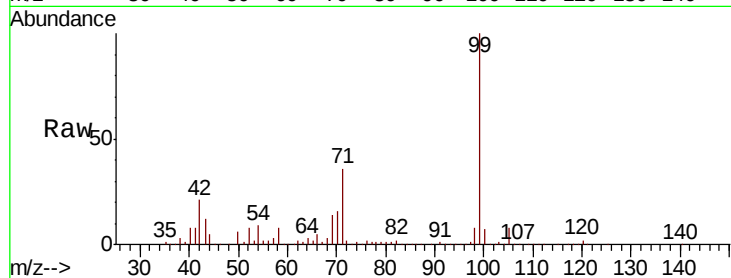
Tot Ion: 99 Resp: 551231

Ion Ratio Lower Upper

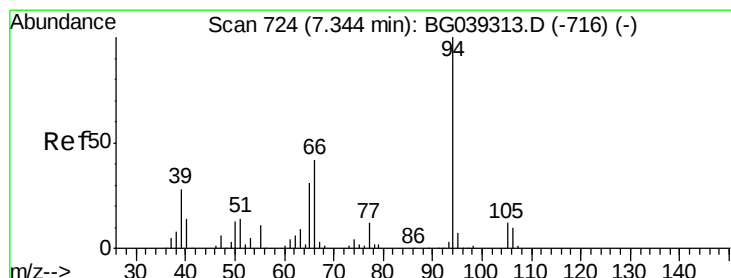
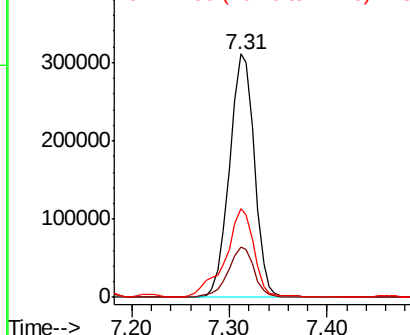
99 100

42 20.6 18.2 27.2

71 36.5 28.0 42.0



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: 2.084 ng

RT: 7.33 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039635.D

Acq: 27 Feb 2019 15:20

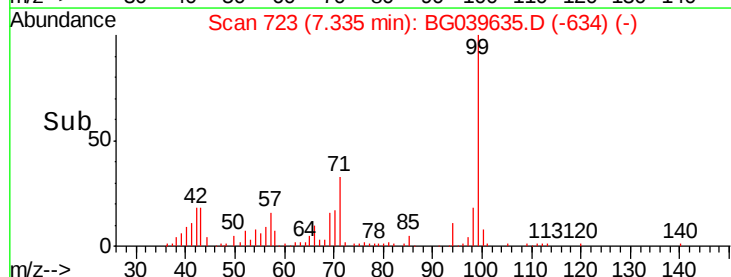
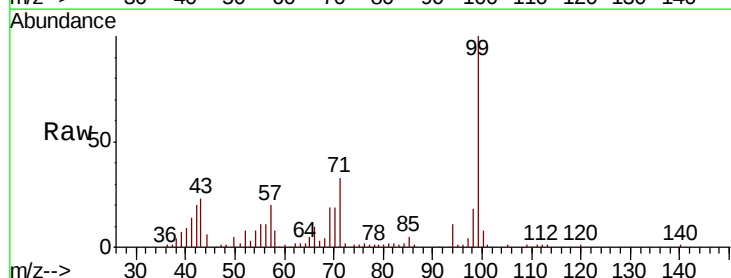
Tgt Ion: 94 Resp: 8485

Ion Ratio Lower Upper

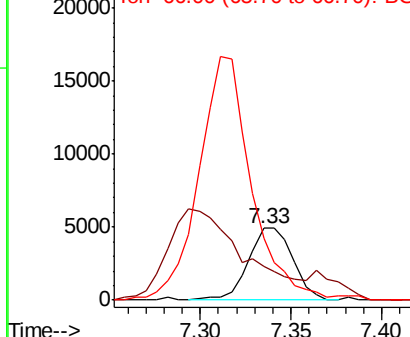
94 100

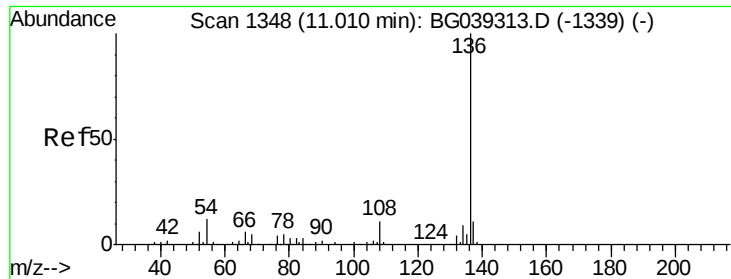
65 47.5 11.7 51.7

66 86.8 23.7 63.7#



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

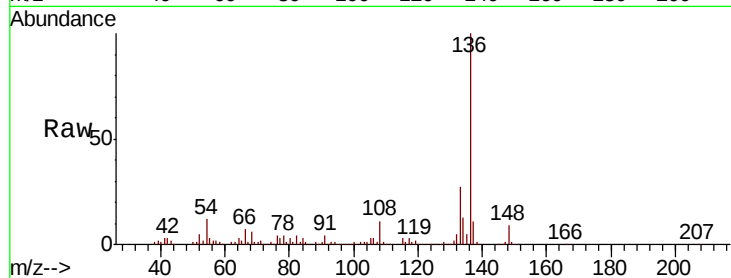




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039635.D
Acq: 27 Feb 2019 15:20

Instrument :
BNA_G
ClientSampleId :
B-8(7.5-8.5)

Tot Ion:136	Resp:	182328
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.1 13.7
54	12.4	9.4 14.2
68	6.2	4.2 6.4



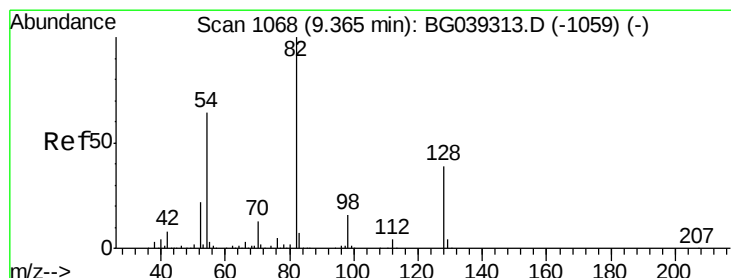
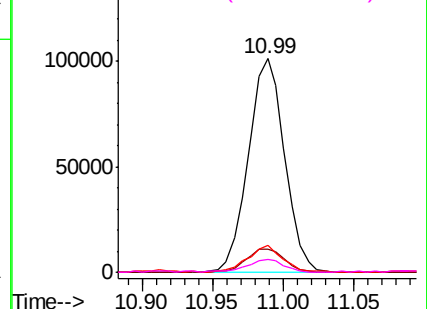
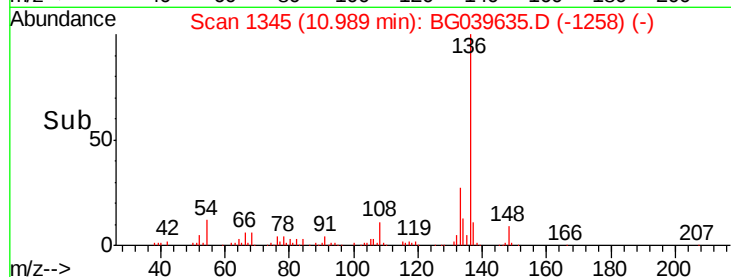
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

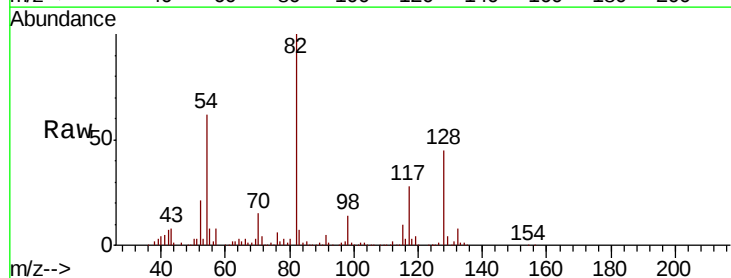
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 108.006 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039635.D
Acq: 27 Feb 2019 15:20

Tgt Ion: 82	Resp:	315223
Ion	Ratio	Lower Upper
82	100	
128	44.6	31.3 46.9
54	61.6	50.9 76.3

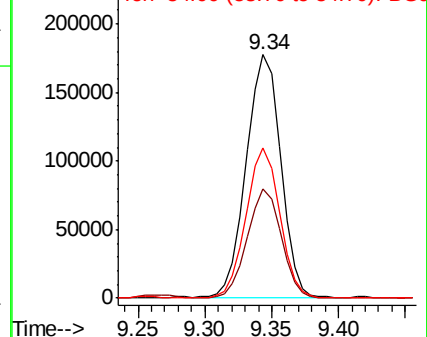
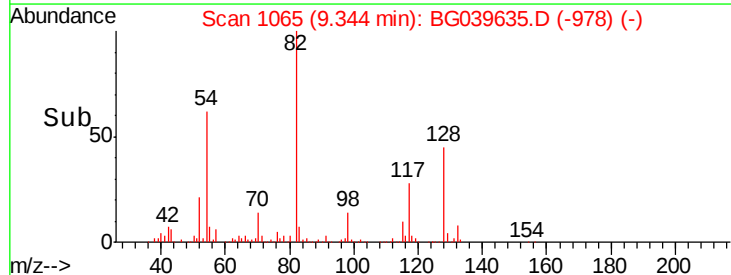


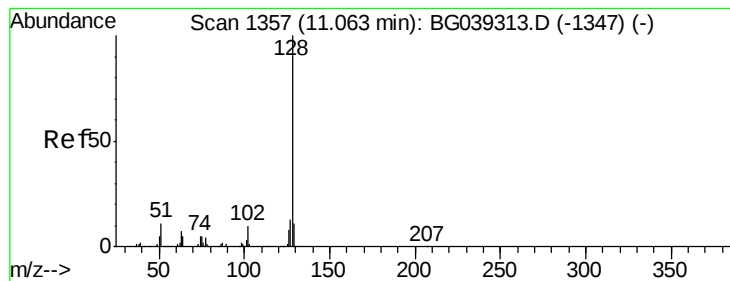
Abundance

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





#31

Naphthalene

Concen: 17.397 ng

RT: 11.04 min Scan# 1354

Delta R.T. -0.02 min

Lab File: BG039635.D

Acq: 27 Feb 2019 15:20

Instrument :

BNA_G

ClientSampleId :

B-8(7.5-8.5)

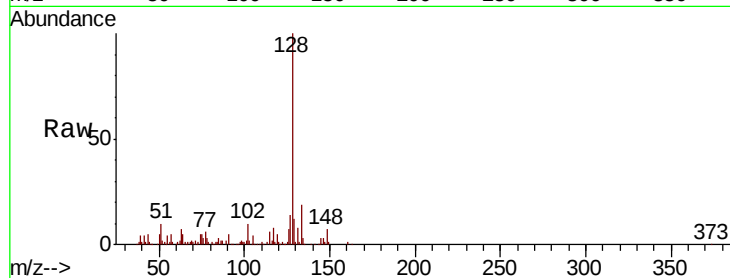
Tot Ion:128 Resp: 157362

Ion Ratio Lower Upper

128 100

129 12.1 8.7 13.1

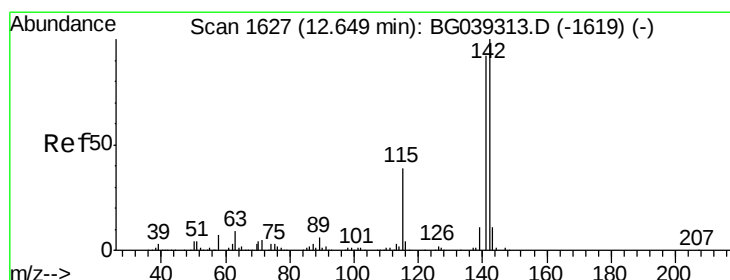
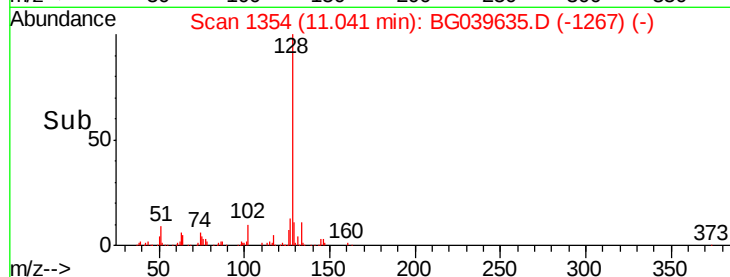
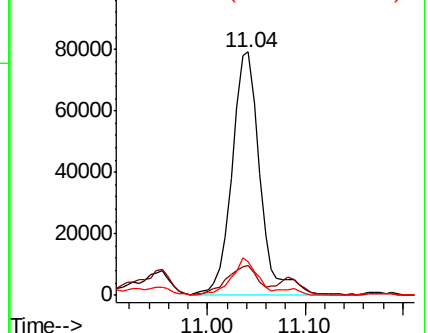
127 13.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 42.928 ng

RT: 12.63 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BG039635.D

Acq: 27 Feb 2019 15:20

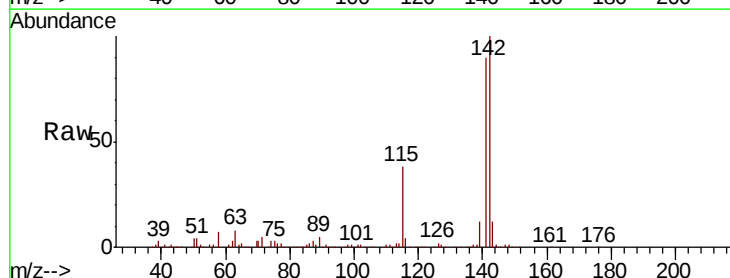
Tgt Ion:142 Resp: 287587

Ion Ratio Lower Upper

142 100

141 90.0 73.5 110.3

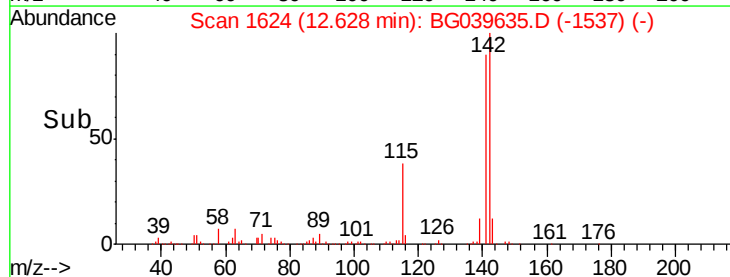
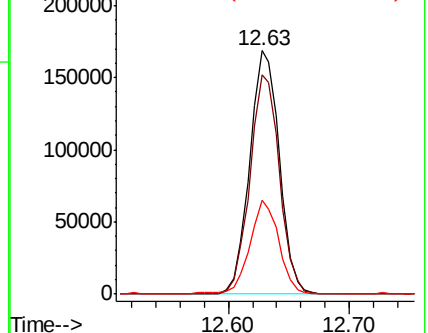
115 38.3 30.8 46.2

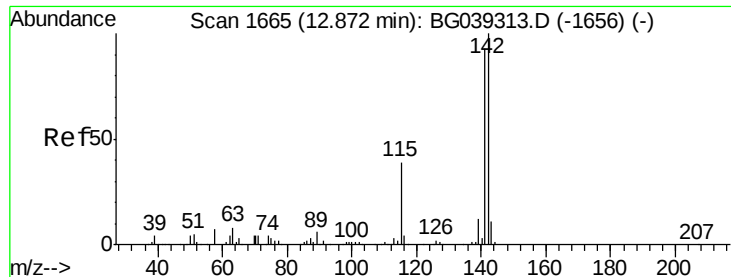


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

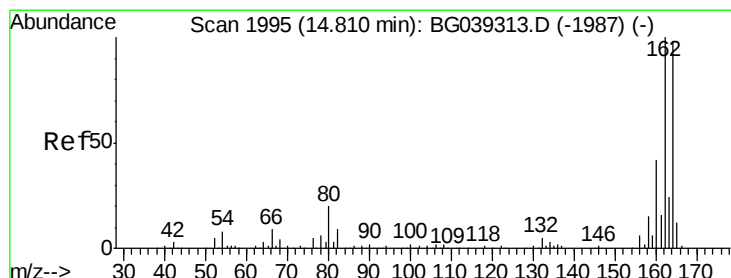
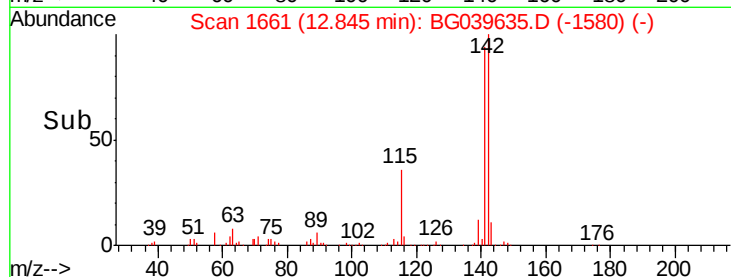
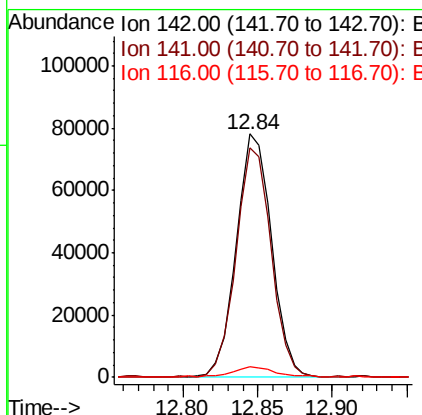
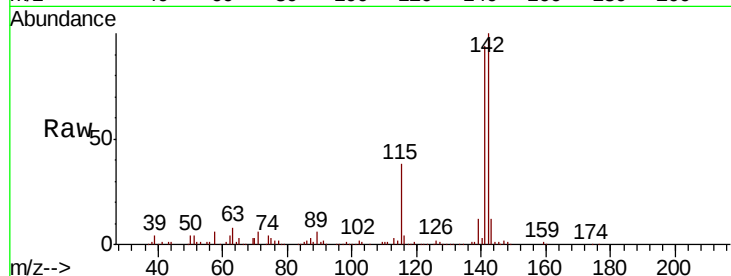




#38
1-Methylnaphthalene
Concen: 19.935 ng
RT: 12.84 min Scan# 1661
Delta R.T. -0.03 min
Lab File: BG039635.D
Acq: 27 Feb 2019 15:20

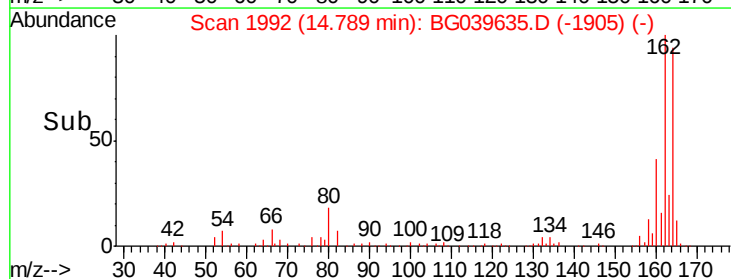
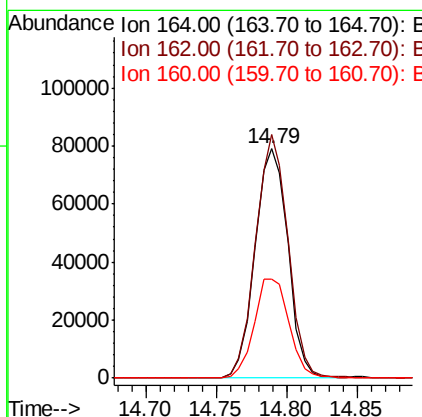
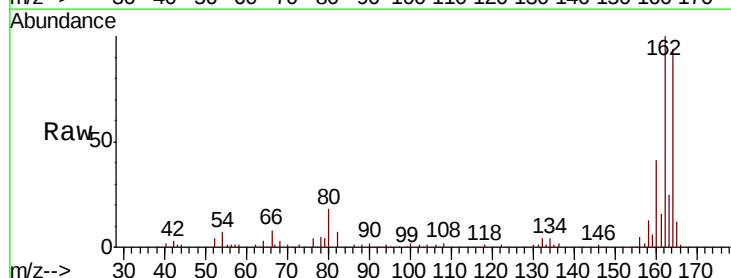
Instrument :
BNA_G
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B-8(7.5-8.5)

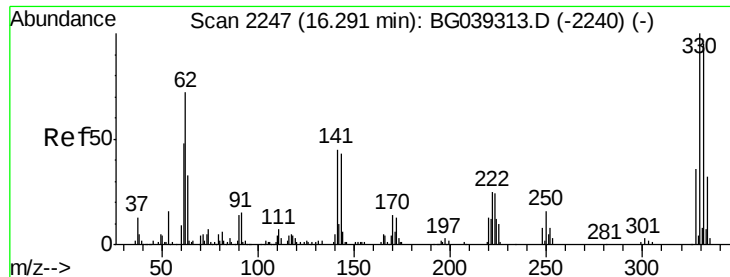
Tot Ion:142 Resp: 128739
Ion Ratio Lower Upper
142 100
141 94.1 74.2 111.4
116 4.4 3.0 4.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039635.D
Acq: 27 Feb 2019 15:20

Tgt Ion:164 Resp: 129324
Ion Ratio Lower Upper
164 100
162 106.3 81.6 122.4
160 43.3 34.2 51.2

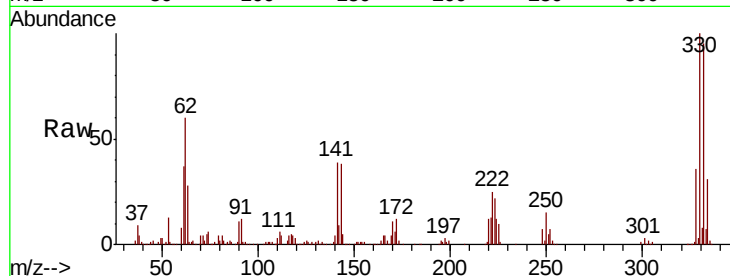




#42
 2,4,6-Tribromophenol
 Concen: 166.798 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.02 min
 Lab File: BG039635.D
 Acq: 27 Feb 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 B-8(7.5-8.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.7	113.5
141	41.2	35.6	53.4

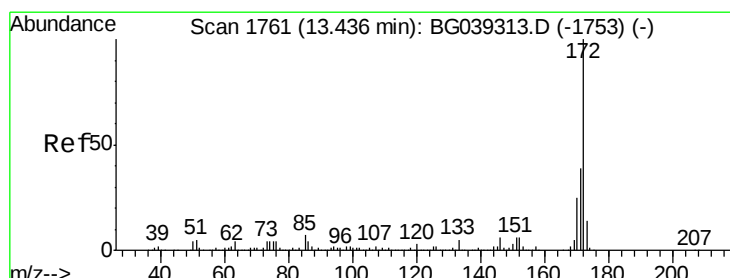
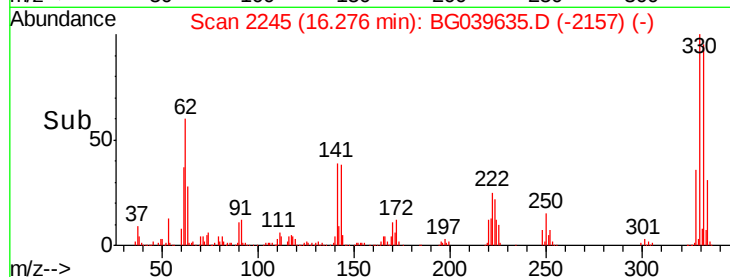
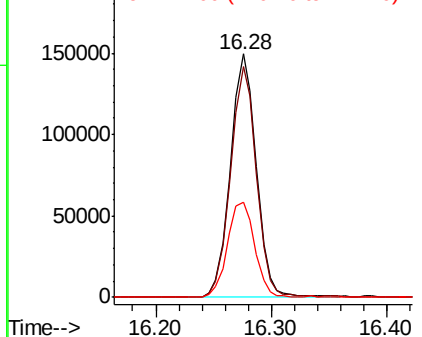


Abundance

Ion 329.80 (329.50 to 330.50): E

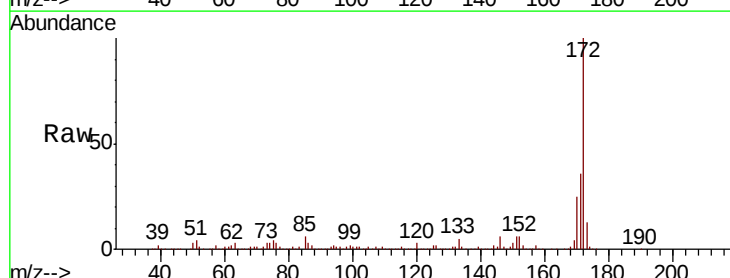
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.820 ng
 RT: 13.41 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039635.D
 Acq: 27 Feb 2019 15:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.8	46.2
170	24.7	20.2	30.4

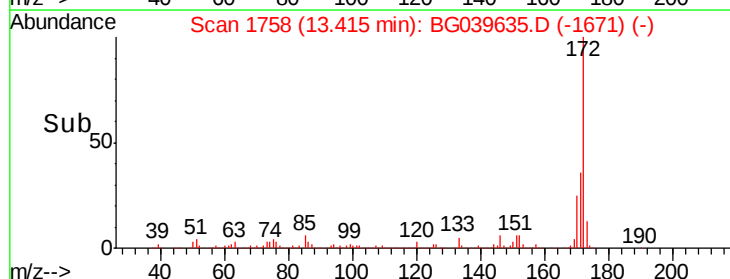
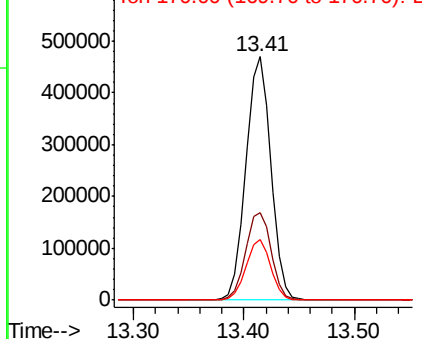


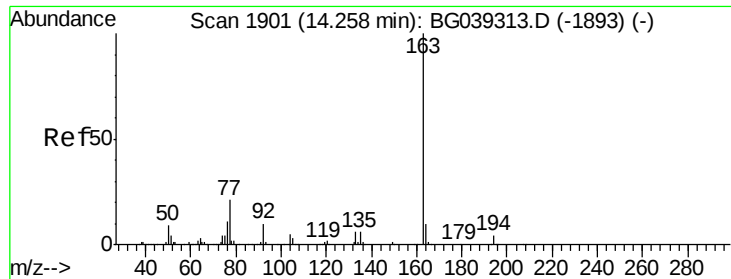
Abundance

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

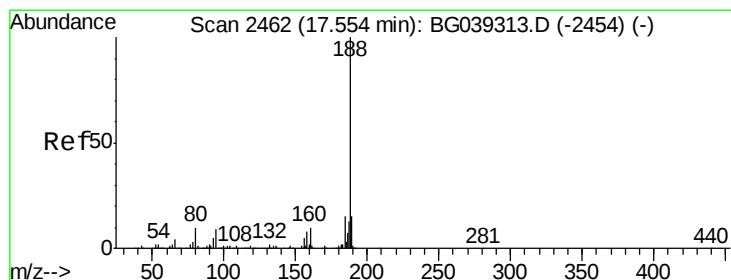
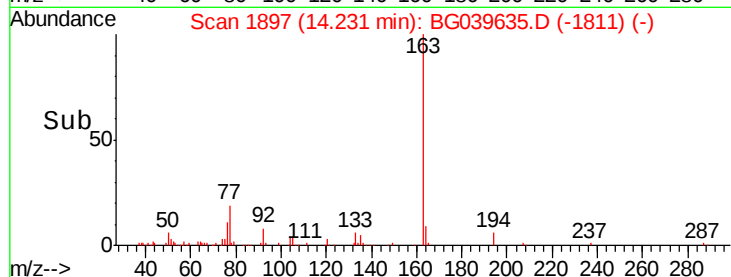
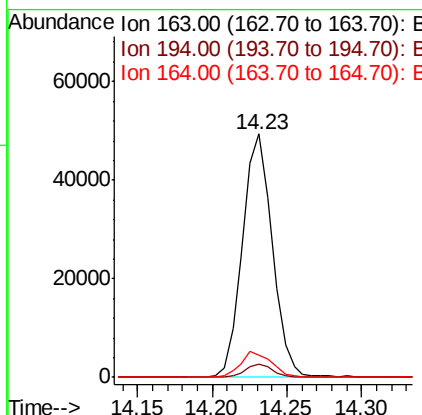
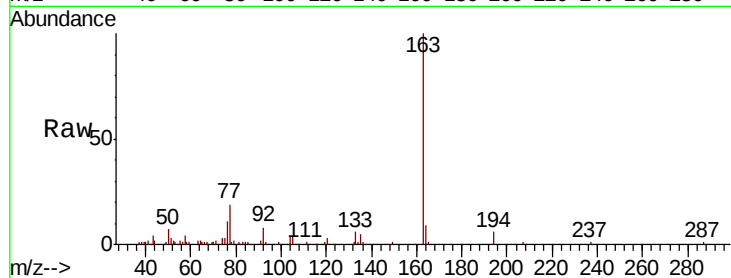




#50
Dimethylphthalate
Concen: 6.561 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.03 min
Lab File: BG039635.D
Acq: 27 Feb 2019 15:20

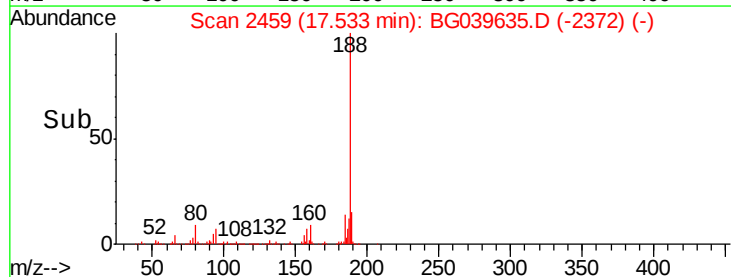
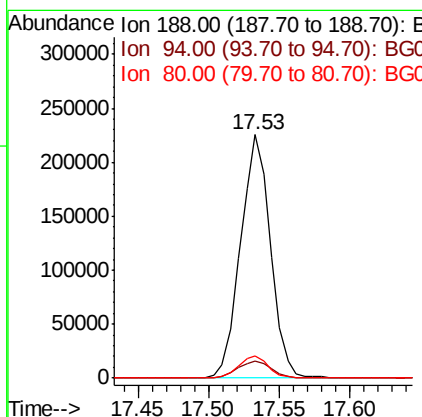
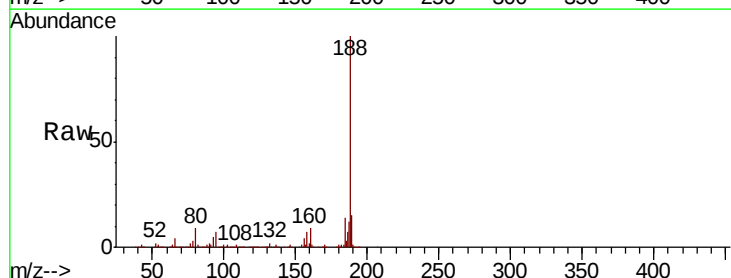
Instrument :
BNA_G
ClientSampleId :
B-8(7.5-8.5)

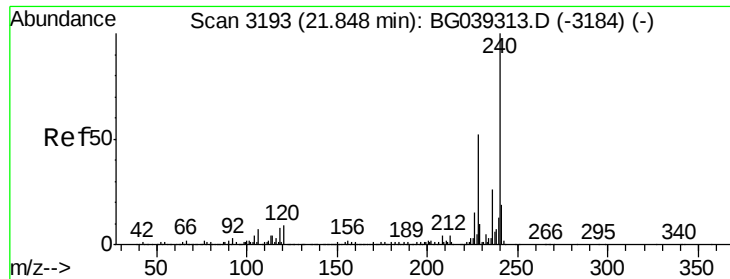
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.6	5.4#
164	9.2	8.4	12.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039635.D
Acq: 27 Feb 2019 15:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	9.3	8.1	12.1





#76

Chrvsene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039635.D

Acq: 27 Feb 2019 15:20

Instrument :

BNA_G

ClientSampleId :

B-8(7.5-8.5)

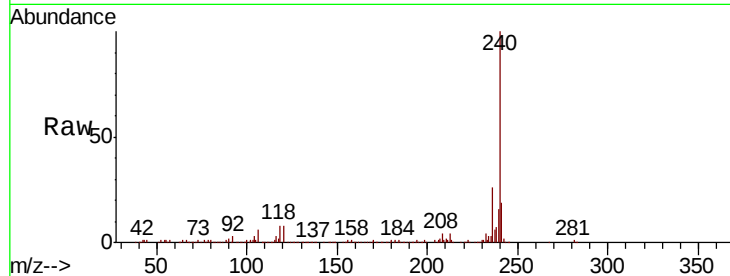
Tot Ion:240 Resp: 355841

Ion Ratio Lower Upper

240 100

120 8.1 7.0 10.6

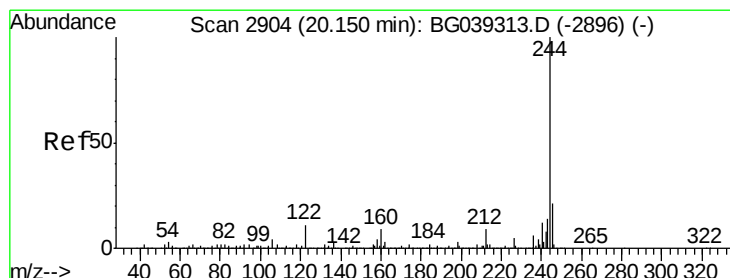
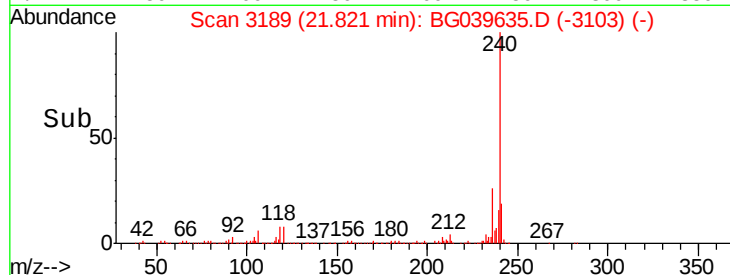
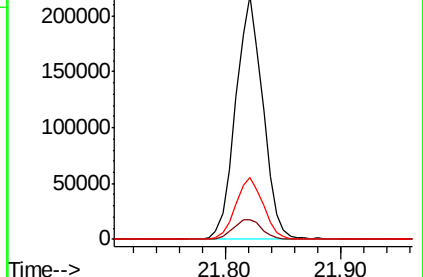
236 25.6 21.0 31.4



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: 76.507 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039635.D

Acq: 27 Feb 2019 15:20

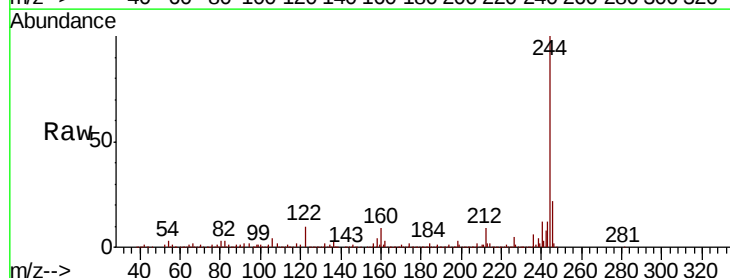
Tgt Ion:244 Resp: 1286169

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

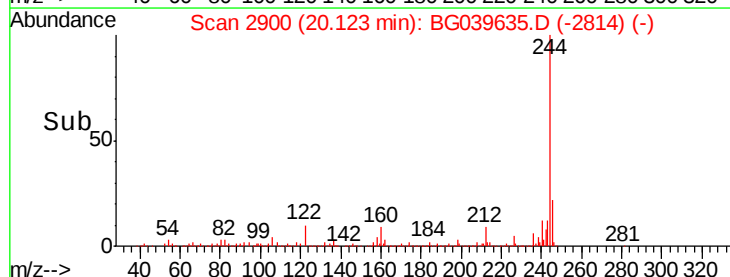
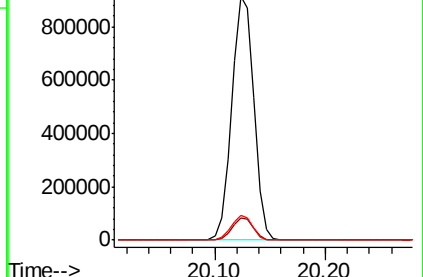
122 10.0 8.4 12.6

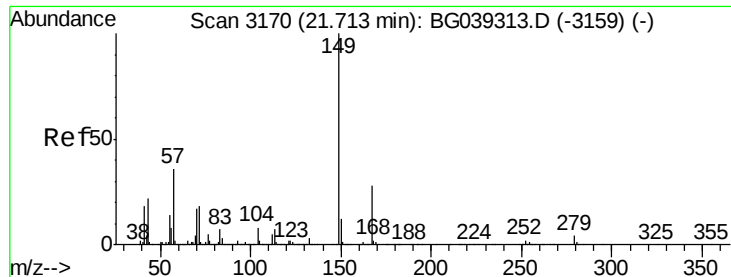


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.638 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG039635.D

Acq: 27 Feb 2019 15:20

Instrument :

BNA_G

ClientSampleId :

B-8(7.5-8.5)

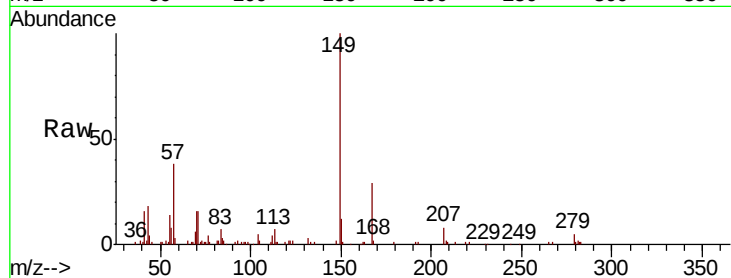
Tot Ion:149 Resp: 48505

Ion Ratio Lower Upper

149 100

167 29.1 22.6 34.0

279 4.5 3.5 5.3

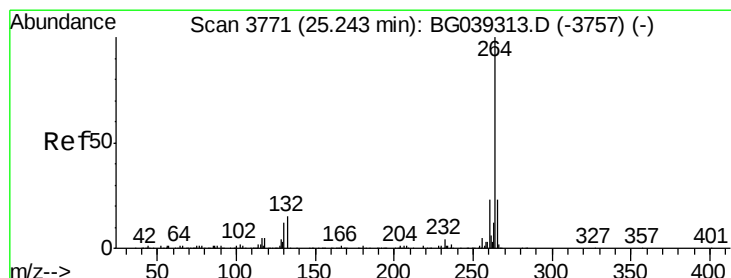
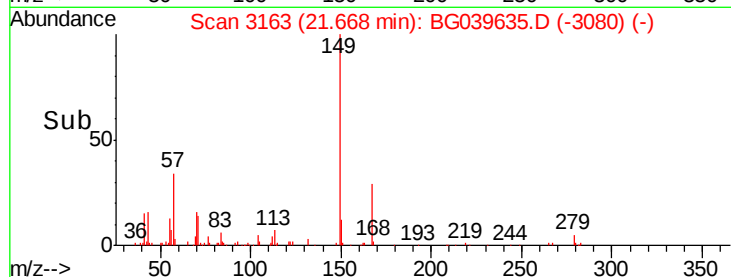
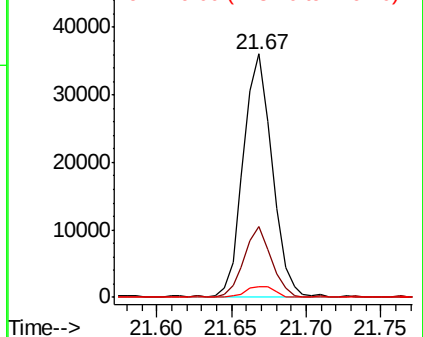


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3764

Delta R.T. -0.04 min

Lab File: BG039635.D

Acq: 27 Feb 2019 15:20

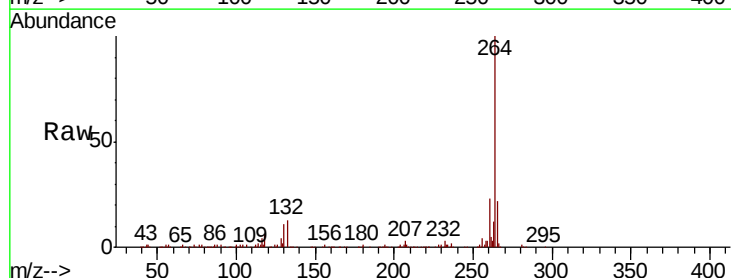
Tgt Ion:264 Resp: 364833

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 21.7 18.5 27.7



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

