

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
 Data File : BG039653.D
 Acq On : 28 Feb 2019 3:53
 Operator : JU/SJ
 Sample : K1353-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-022619-A

Quant Time: Feb 28 07:45:54 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	54860	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	230568	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	158795	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	371844	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	384860	20.00	ng	-0.03
87) Perylene-d12	25.20	264	378742	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	435288	135.80	ng	0.00
7) Phenol-d6	7.31	99	577783	122.46	ng	0.00
23) Nitrobenzene-d5	9.34	82	416067	112.73	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	217643	127.28	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	994415	89.84	ng	-0.02
79) Terphenyl-d14	20.13	244	1510841	83.09	ng	-0.02

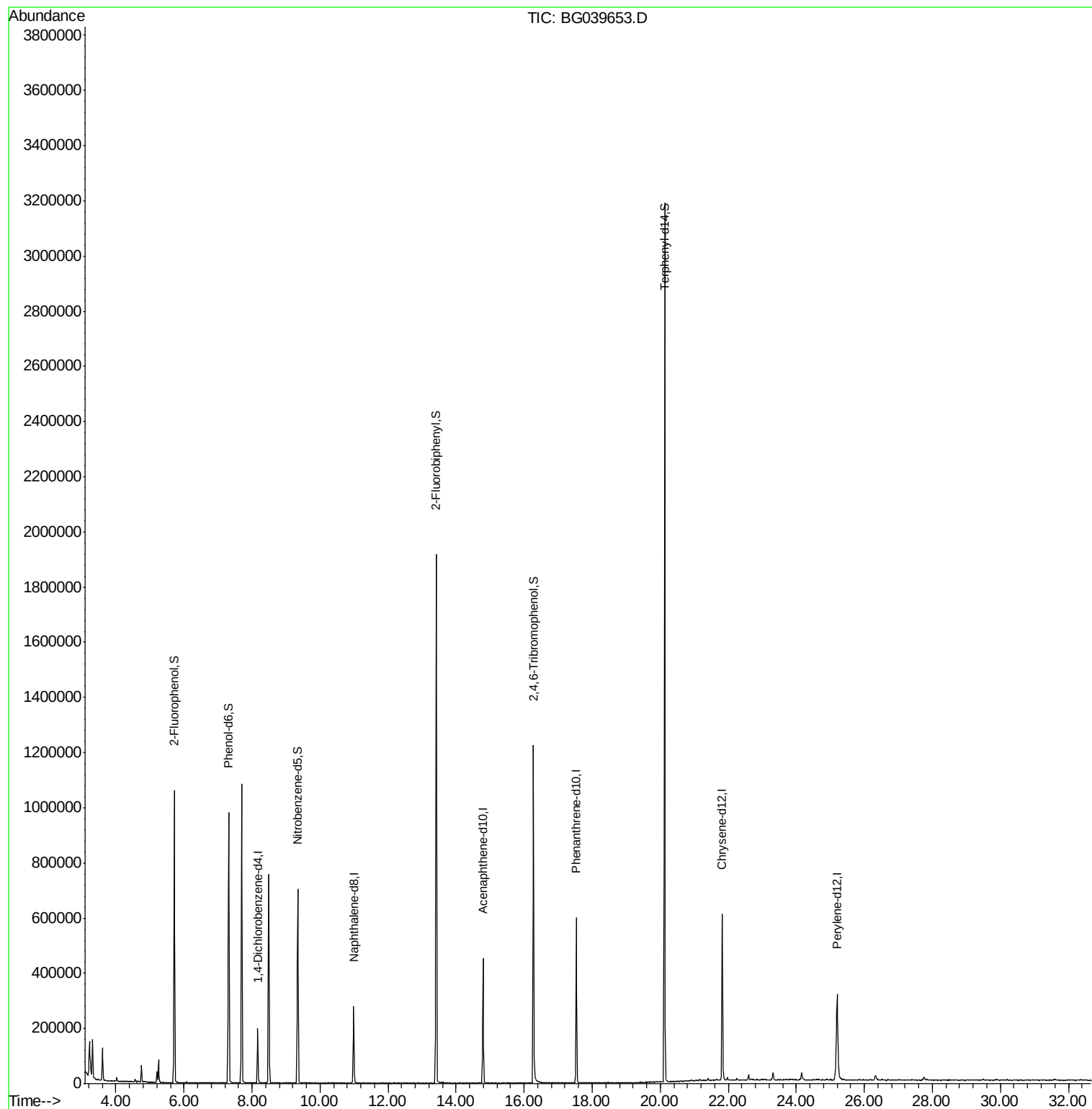
Target Compounds Qvalue

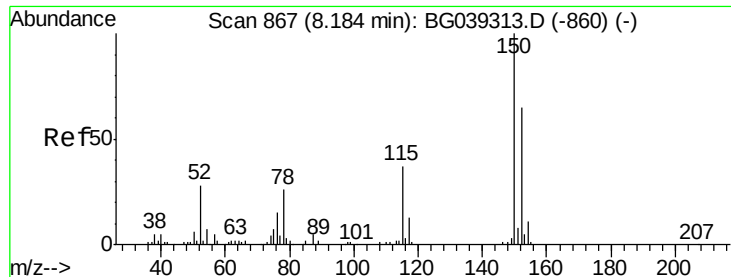
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG039653.D

Acq: 28 Feb 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PL-02-022619-A

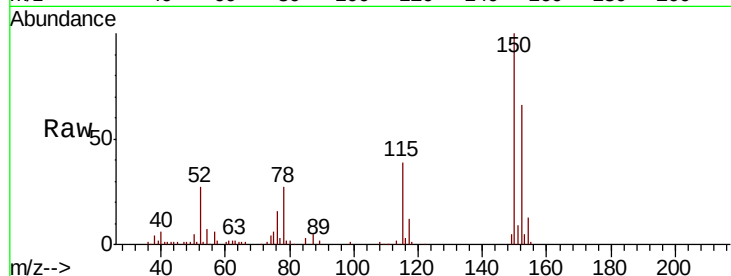
Tot Ion:152 Resp: 54860

Ion Ratio Lower Upper

152 100

150 150.5 123.7 185.5

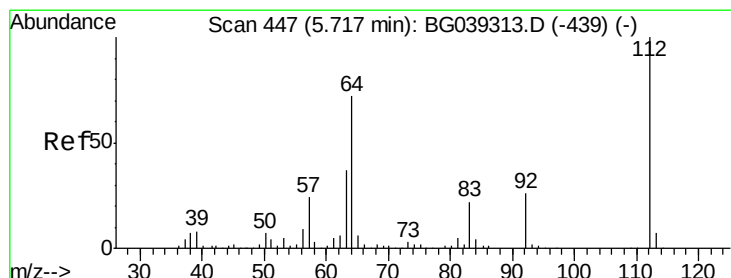
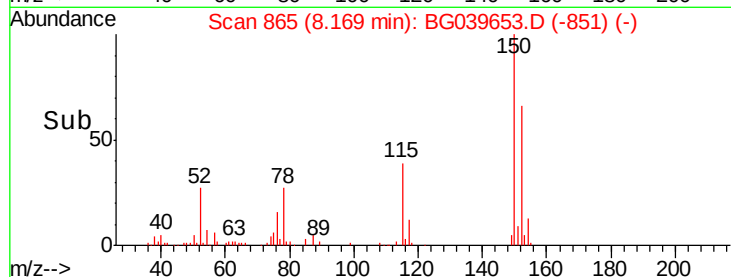
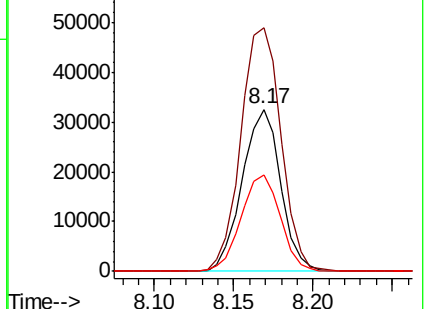
115 59.4 45.9 68.9



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: 135.800 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039653.D

Acq: 28 Feb 2019 3:53

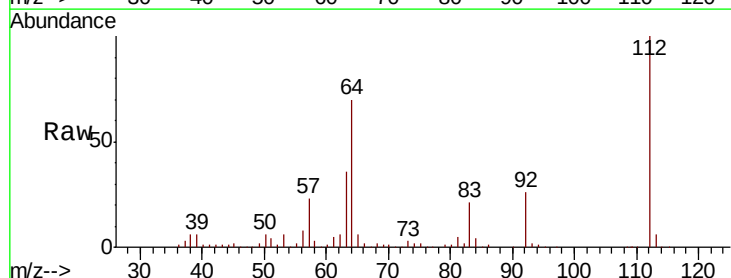
Tgt Ion:112 Resp: 435288

Ion Ratio Lower Upper

112 100

64 69.9 57.8 86.8

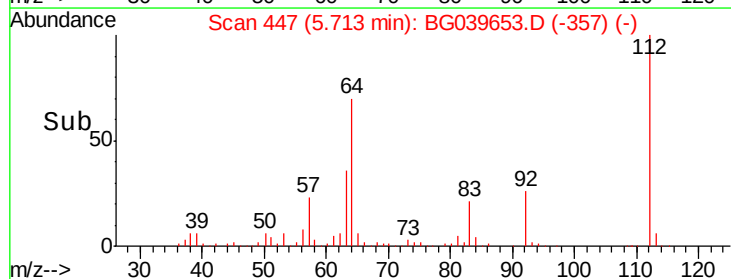
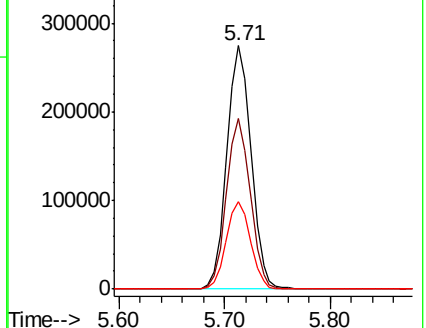
63 36.1 29.8 44.6

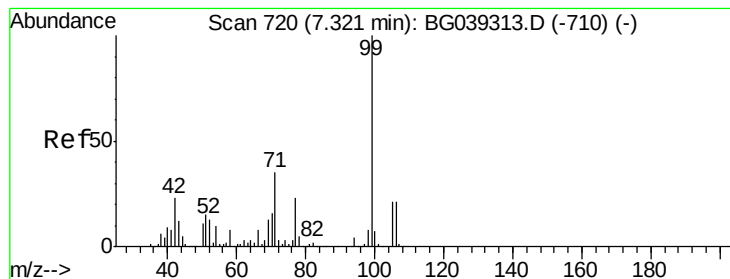


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.458 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039653.D

Acq: 28 Feb 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PL-02-022619-A

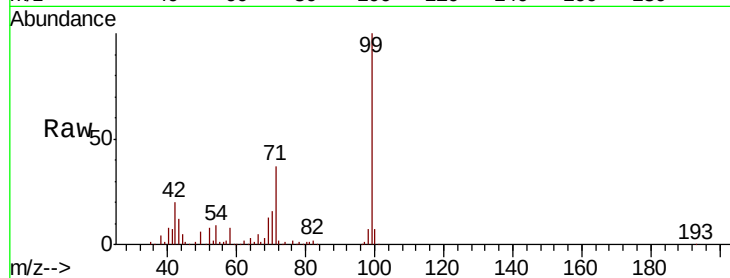
Tot Ion: 99 Resp: 577783

Ion Ratio Lower Upper

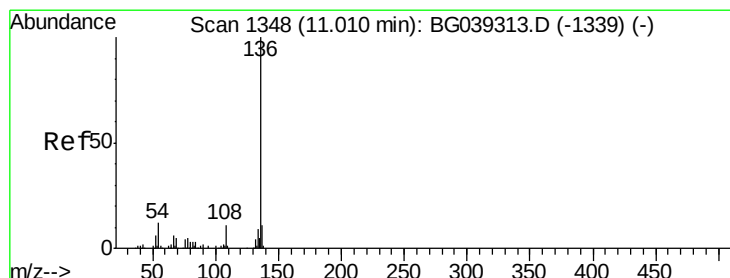
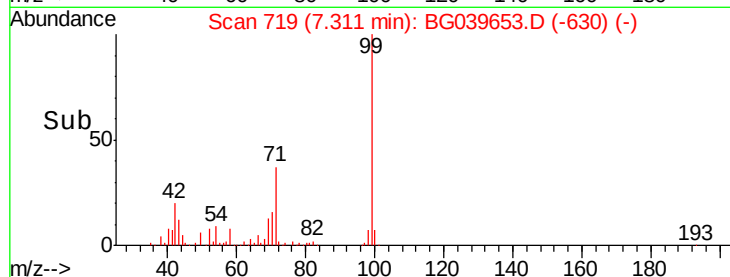
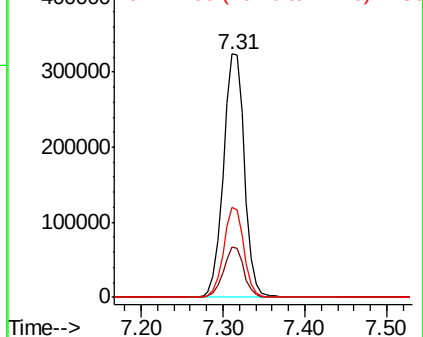
99 100

42 20.4 18.2 27.2

71 36.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039653.D

Acq: 28 Feb 2019 3:53

Tgt Ion: 136 Resp: 230568

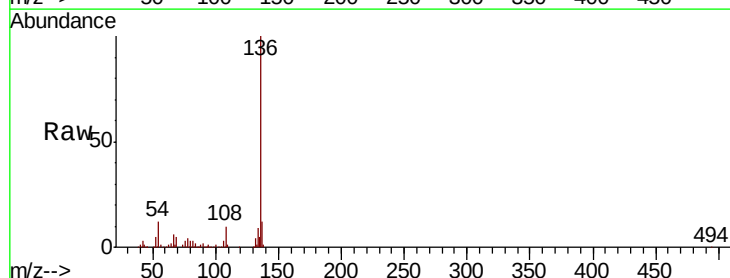
Ion Ratio Lower Upper

136 100

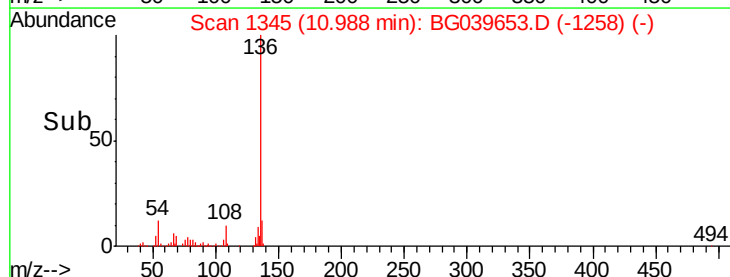
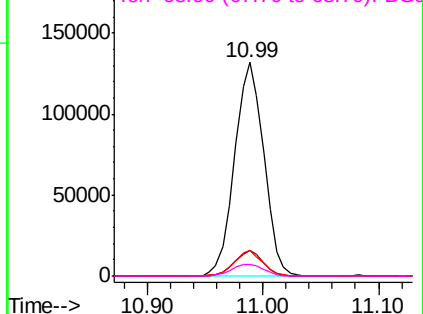
137 12.0 9.1 13.7

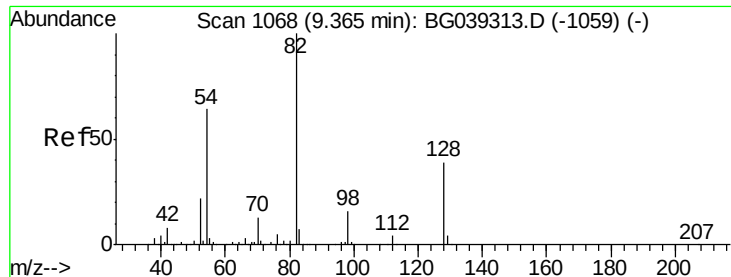
54 11.9 9.4 14.2

68 5.3 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

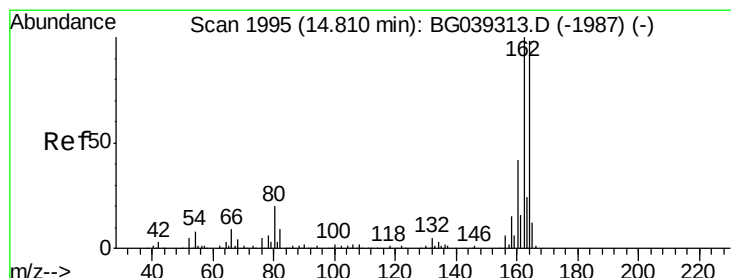
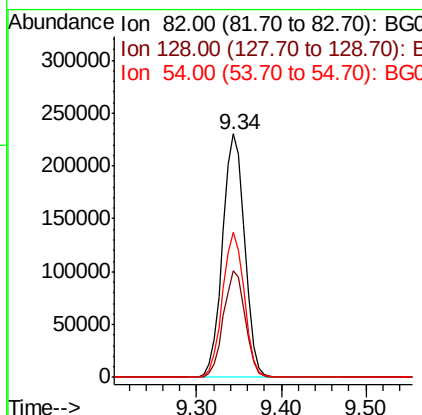
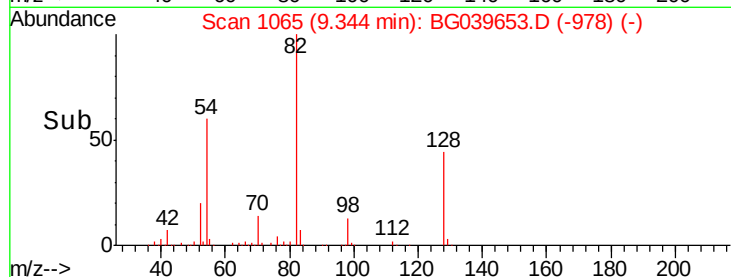
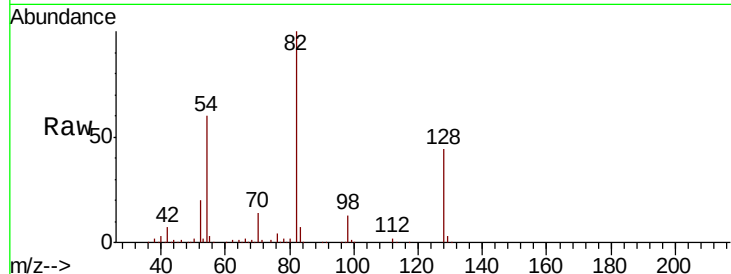




#23
 Nitrobenzene-d5
 Concen: 112.732 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039653.D
 Acq: 28 Feb 2019 3:53

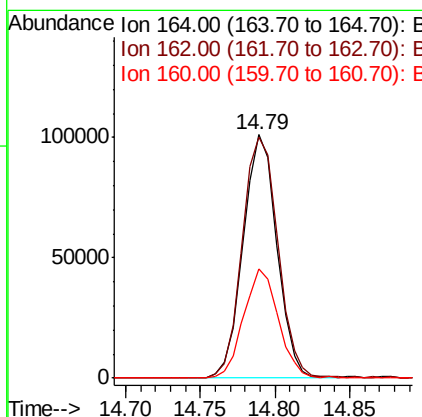
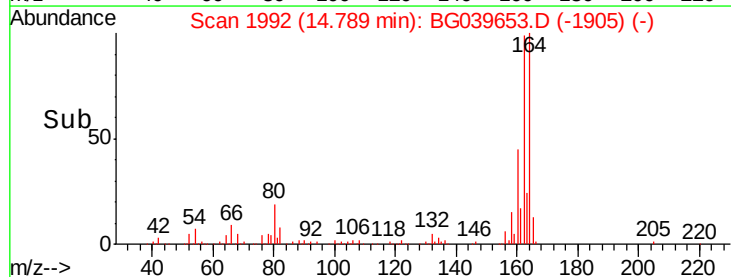
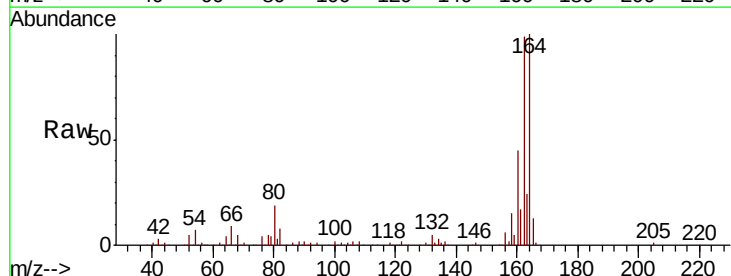
Instrument :
 BNA_G
 ClientSampleId :
 PL-02-022619-A

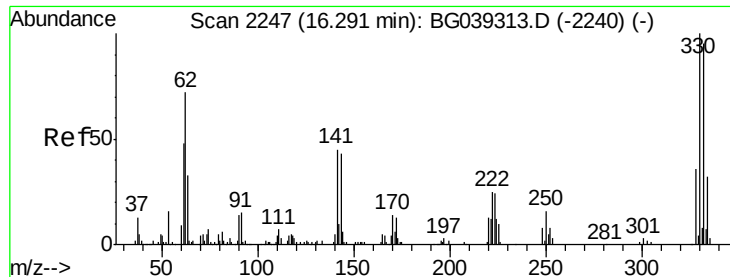
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	31.3	46.9
54	59.8	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BG039653.D
 Acq: 28 Feb 2019 3:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.6	122.4
160	45.0	34.2	51.2

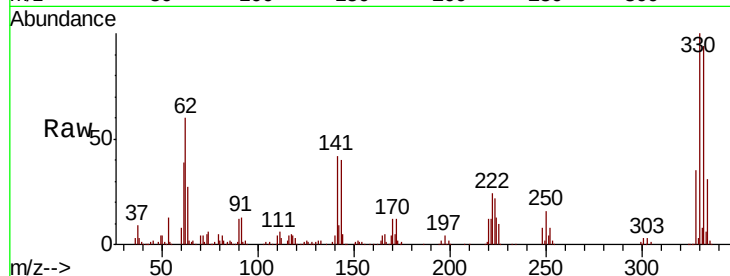




#42
 2,4,6-Tribromophenol
 Concen: 127.280 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.02 min
 Lab File: BG039653.D
 Acq: 28 Feb 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-022619-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.7	113.5
141	42.3	35.6	53.4

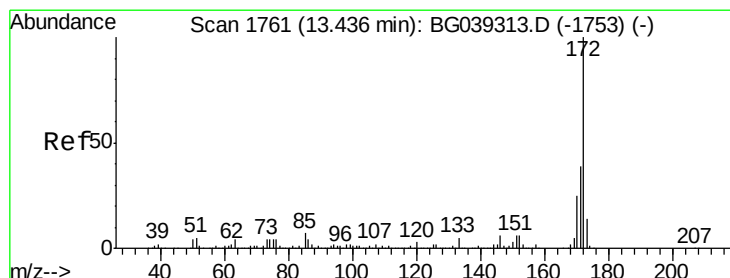
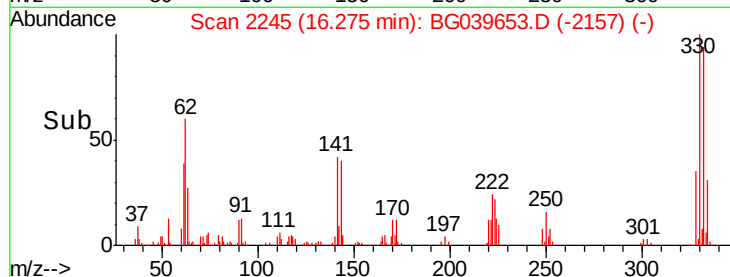
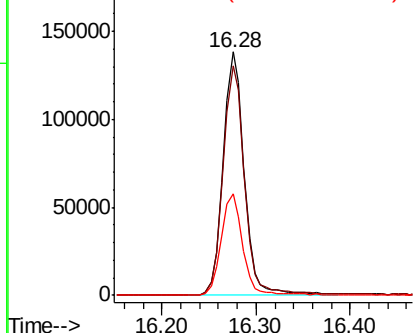


Abundance

Ion 329.80 (329.50 to 330.50): E

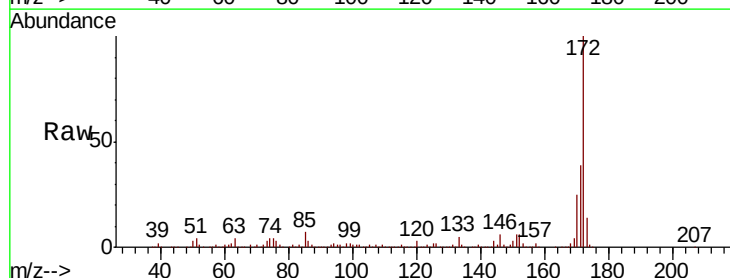
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.835 ng
 RT: 13.41 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039653.D
 Acq: 28 Feb 2019 3:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.8	46.2
170	24.8	20.2	30.4

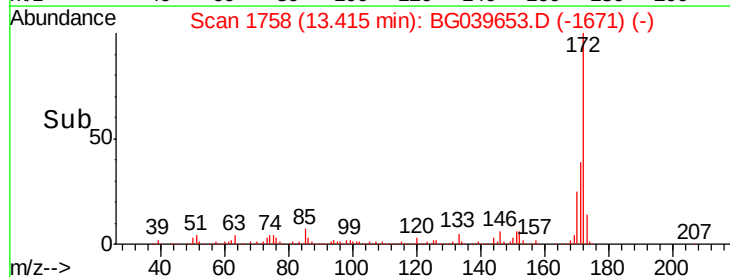
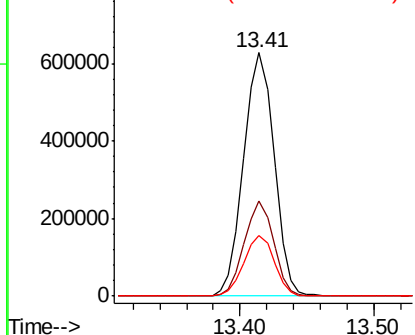


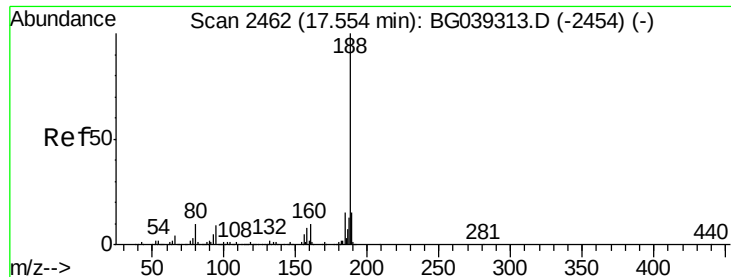
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039653.D

Acq: 28 Feb 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PL-02-022619-A

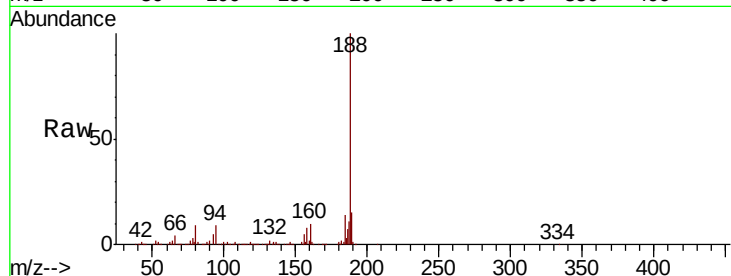
Tot Ion:188 Resp: 371844

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

80 9.4 8.1 12.1



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

300000

200000

100000

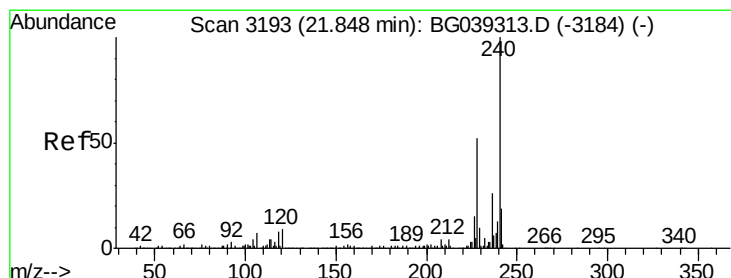
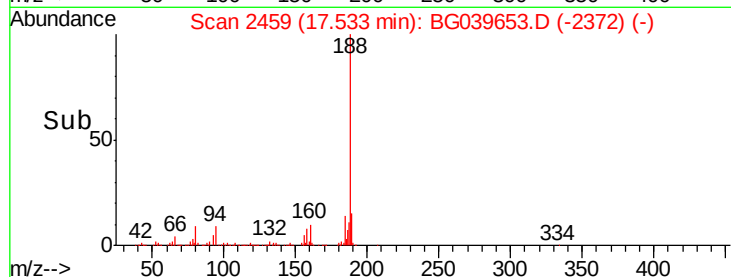
0

17.53

17.50

17.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039653.D

Acq: 28 Feb 2019 3:53

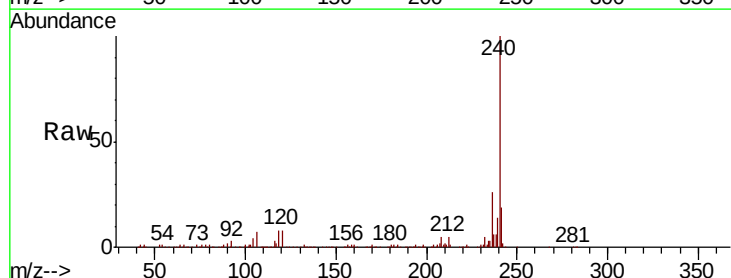
Tgt Ion:240 Resp: 384860

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

236 26.2 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

300000

250000

200000

150000

100000

50000

0

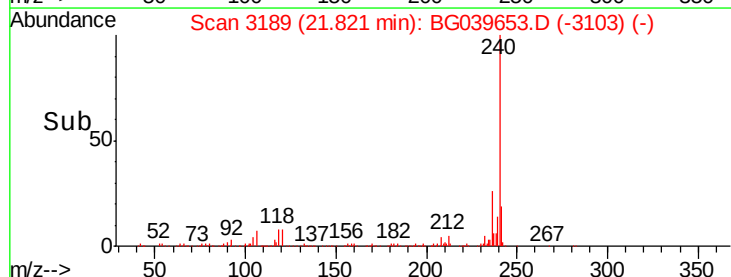
21.82

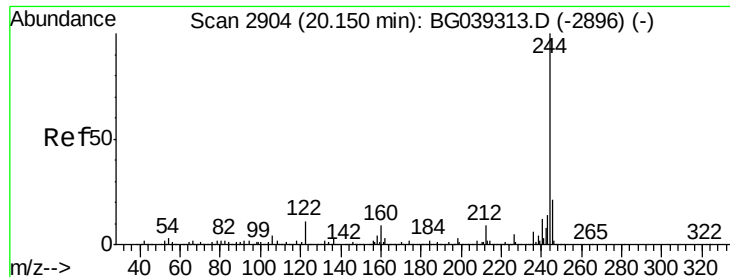
21.70

21.90

22.00

Time-->





#79

Terphenyl-d14

Concen: 83.095 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039653.D

Acq: 28 Feb 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PL-02-022619-A

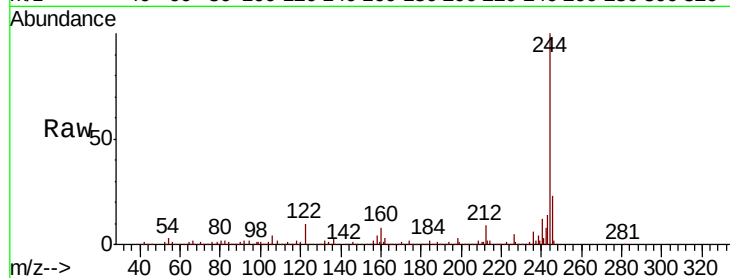
Tot Ion:244 Resp: 1510841

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	9.7	8.4	12.6

244 100

212 9.4 7.3 10.9

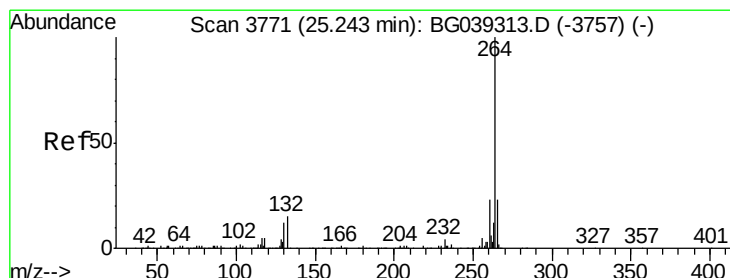
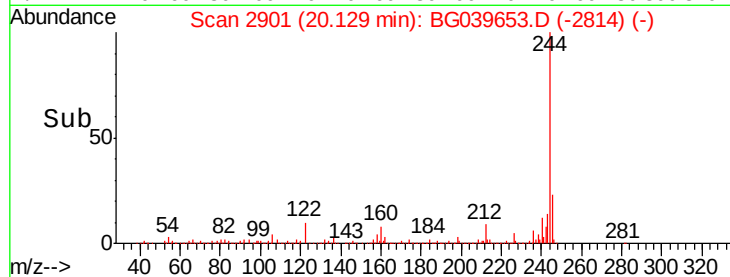
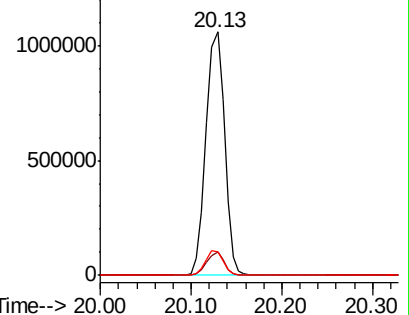
122 9.7 8.4 12.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039653.D

Acq: 28 Feb 2019 3:53

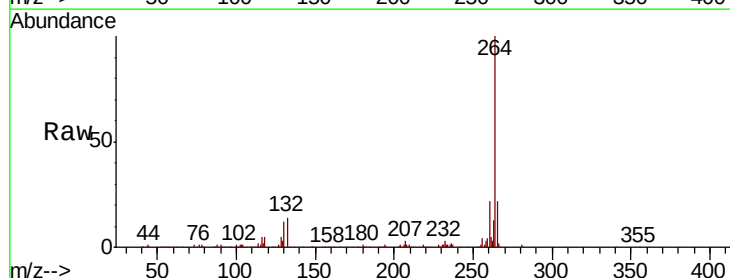
Tgt Ion:264 Resp: 378742

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	21.8	18.5	27.7

264 100

260 22.5 18.2 27.4

265 21.8 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

