

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022119\
 Data File : BG039579.D
 Acq On : 21 Feb 2019 20:07
 Operator : JU/SJ
 Sample : K1344-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-022019-A

Quant Time: Feb 22 00:38:24 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	48914	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	219611	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	152442	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	371670	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	378865	20.00	ng	-0.02
87) Perylene-d12	25.21	264	316729	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	418381	146.39	ng	0.00
7) Phenol-d6	7.31	99	550631	130.89	ng	0.00
23) Nitrobenzene-d5	9.35	82	407244	115.85	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	236737	144.22	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	955304	89.90	ng	-0.02
79) Terphenyl-d14	20.13	244	1610146	89.96	ng	-0.02

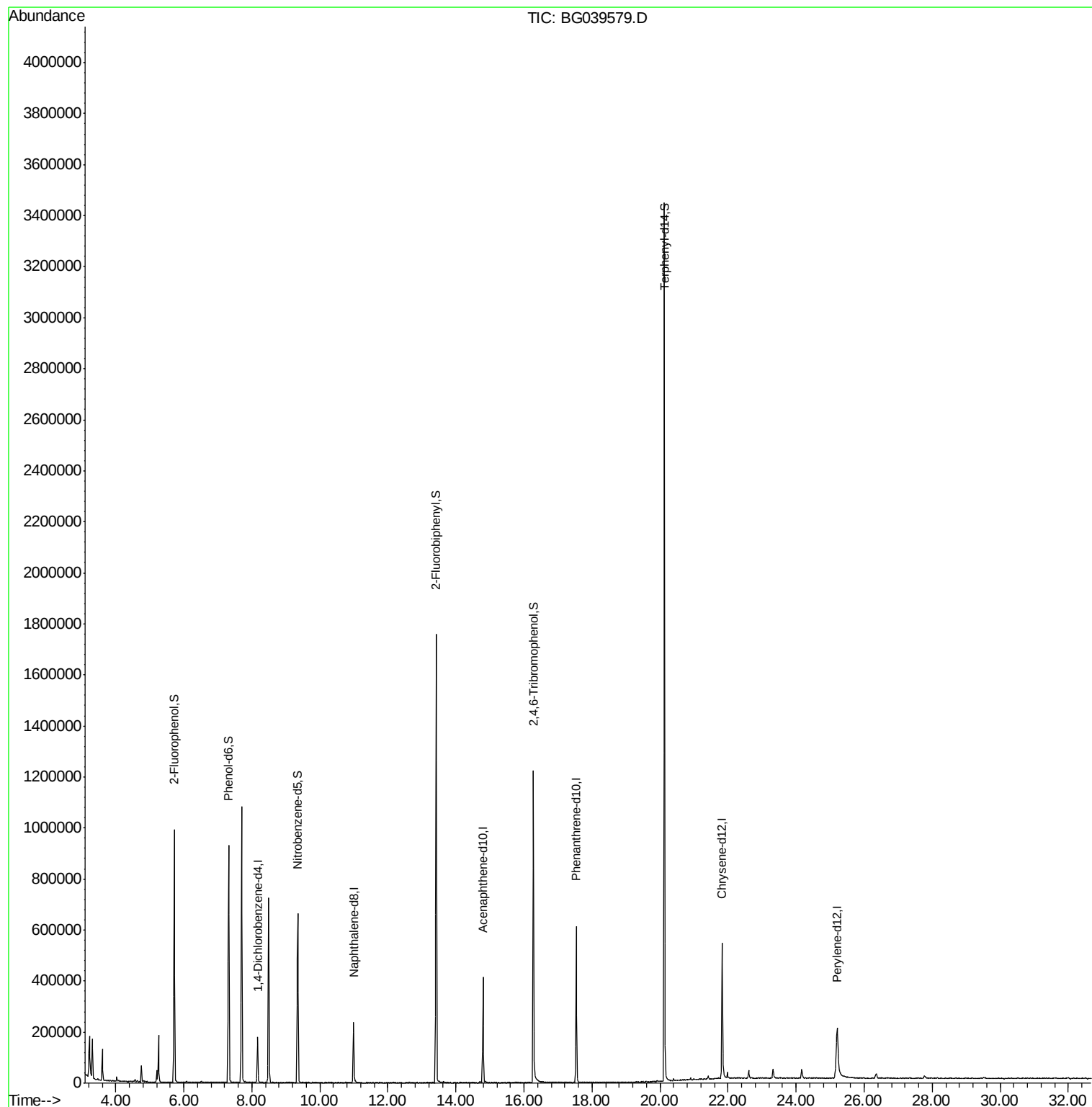
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022119\
Data File : BG039579.D
Acq On : 21 Feb 2019 20:07
Operator : JU/SJ
Sample : K1344-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-07-022019-A

Quant Time: Feb 22 00:38:24 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG039579.D

Acq: 21 Feb 2019 20:07

Instrument :

BNA_G

ClientSampleId :

NB-07-022019-A

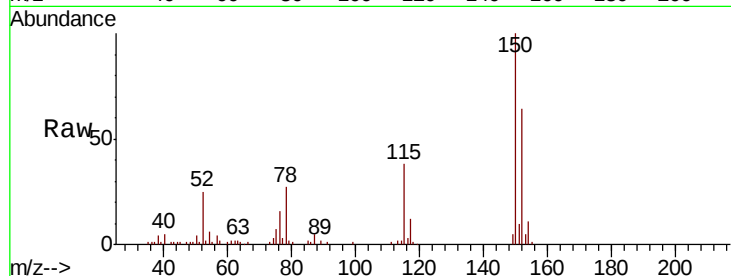
Tot Ion:152 Resp: 48914

Ion Ratio Lower Upper

152 100

150 155.1 123.7 185.5

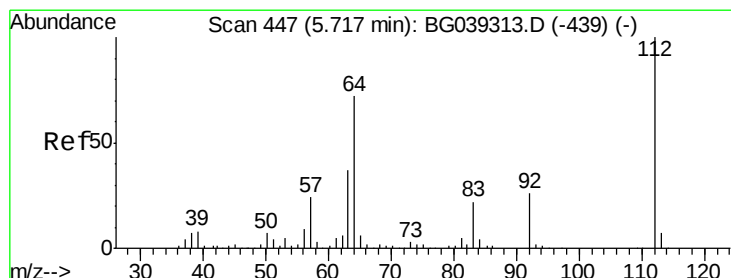
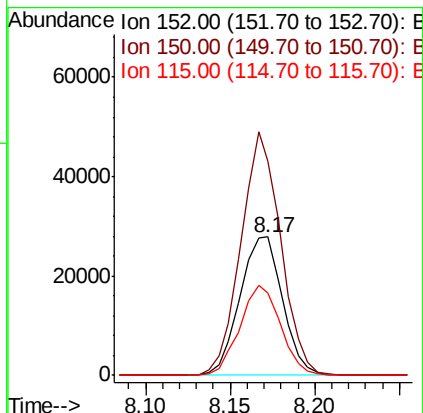
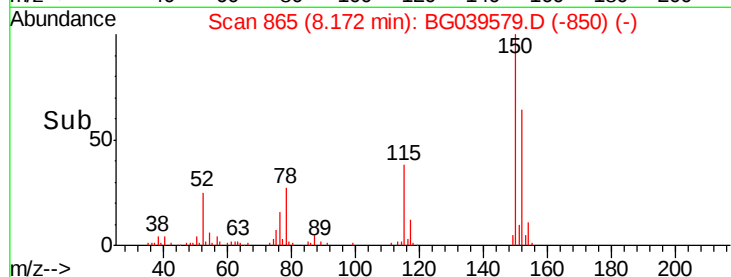
115 59.6 45.9 68.9



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: 146.392 ng

RT: 5.72 min Scan# 447

Delta R.T. 0.00 min

Lab File: BG039579.D

Acq: 21 Feb 2019 20:07

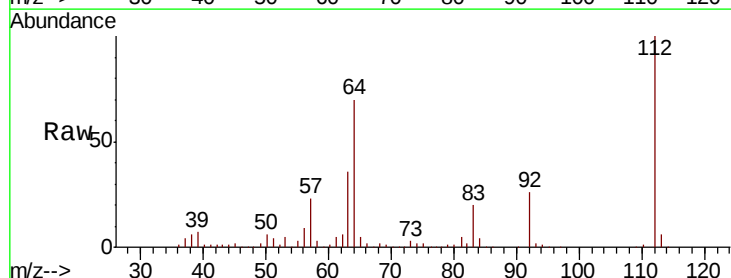
Tgt Ion:112 Resp: 418381

Ion Ratio Lower Upper

112 100

64 69.9 57.8 86.8

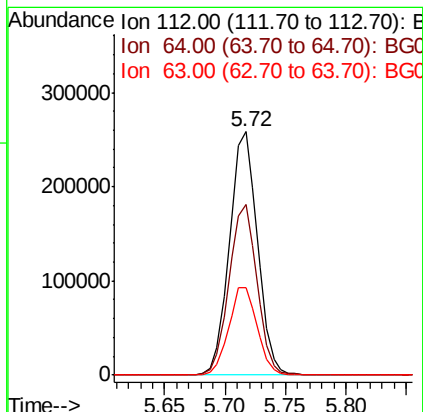
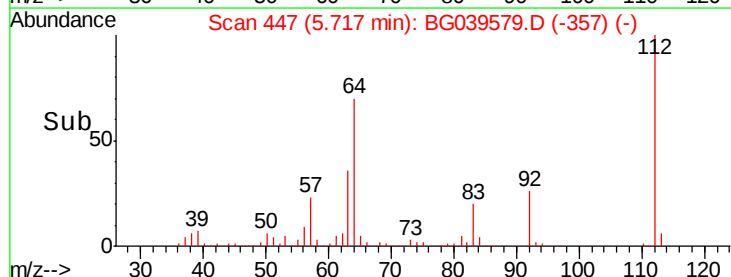
63 35.9 29.8 44.6



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: 130.890 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039579.D

Acq: 21 Feb 2019 20:07

Instrument :

BNA_G

ClientSampleId :

NB-07-022019-A

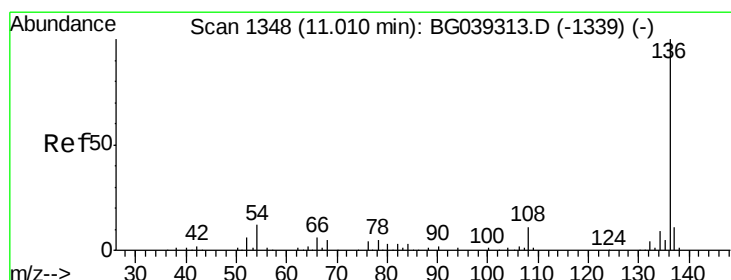
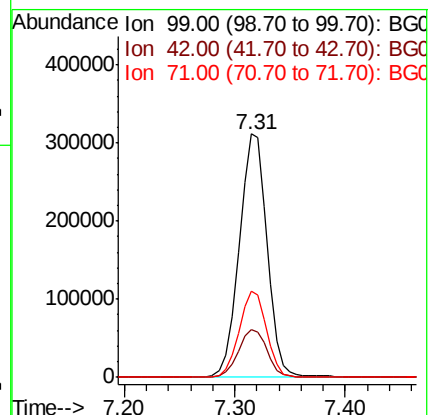
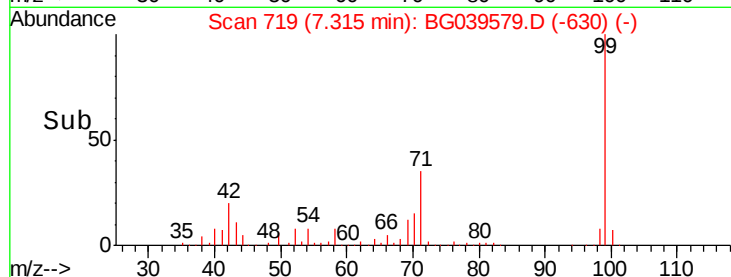
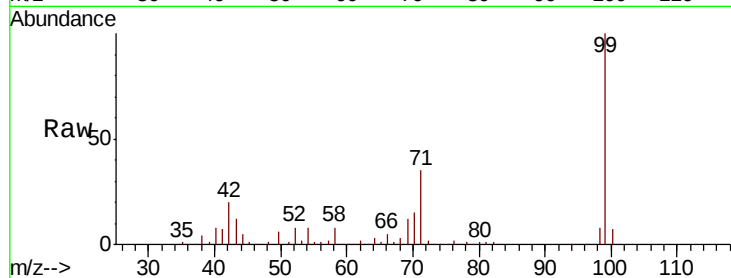
Tot Ion: 99 Resp: 550631

Ion Ratio Lower Upper

99 100

42 19.9 18.2 27.2

71 35.2 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1344

Delta R.T. -0.02 min

Lab File: BG039579.D

Acq: 21 Feb 2019 20:07

Tgt Ion: 136 Resp: 219611

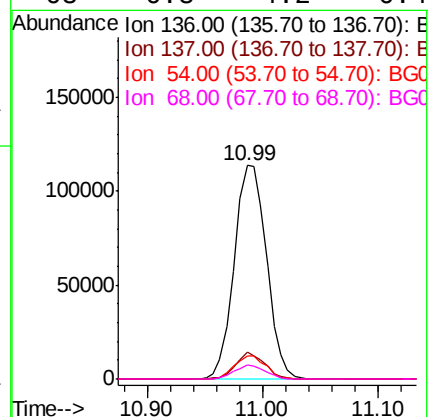
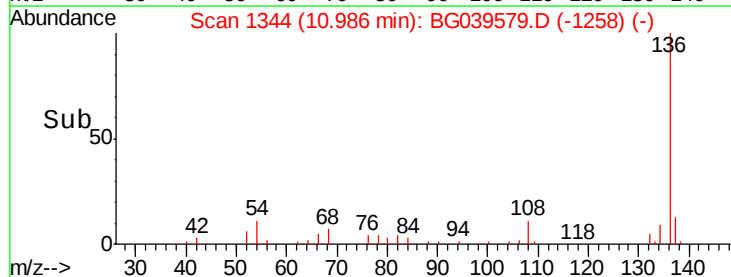
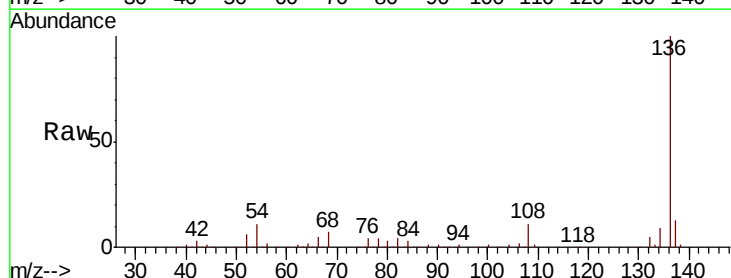
Ion Ratio Lower Upper

136 100

137 12.6 9.1 13.7

54 10.6 9.4 14.2

68 6.8 4.2 6.4#

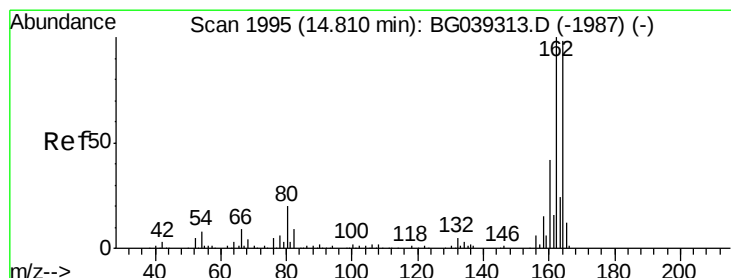
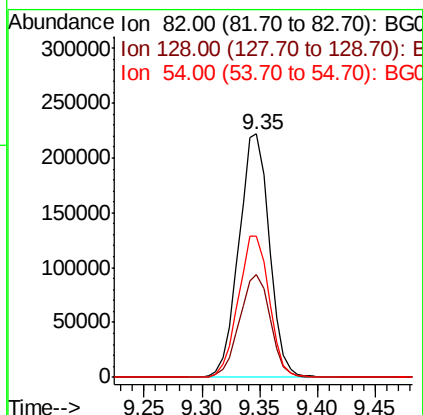
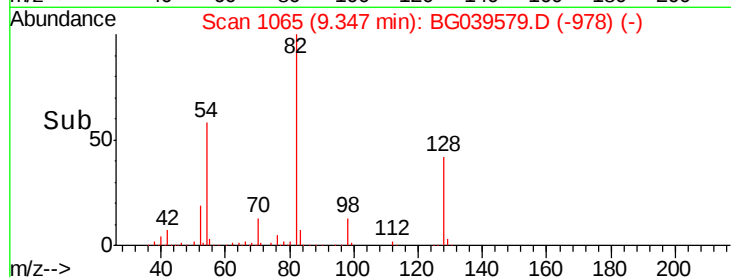
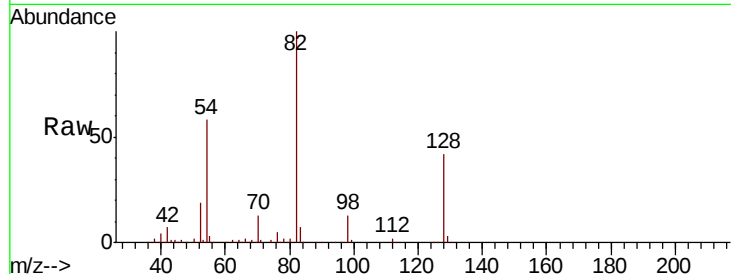




#23
 Nitrobenzene-d5
 Concen: 115.847 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039579.D
 Acq: 21 Feb 2019 20:07

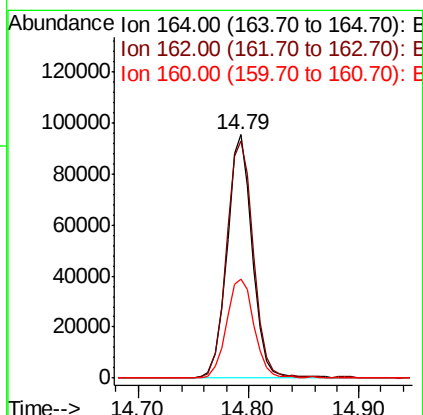
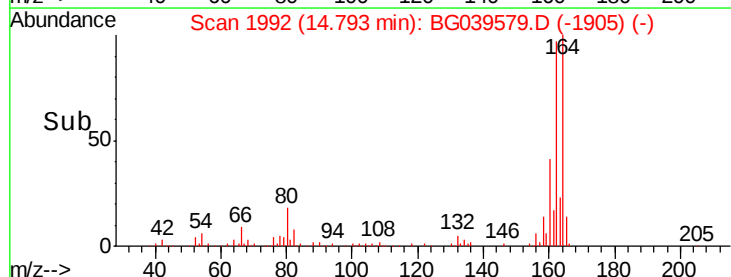
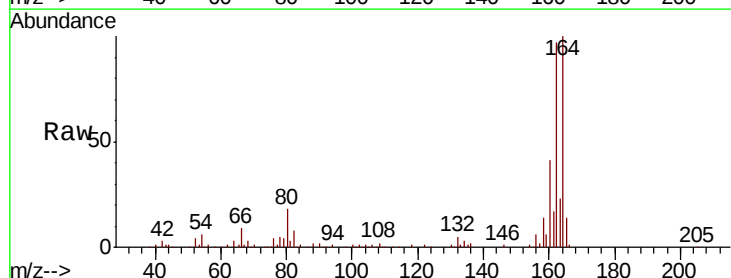
Instrument :
 BNA_G
 ClientSampleId :
 NB-07-022019-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	31.3	46.9
54	58.1	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: BG039579.D
 Acq: 21 Feb 2019 20:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.4	81.6	122.4
160	40.9	34.2	51.2

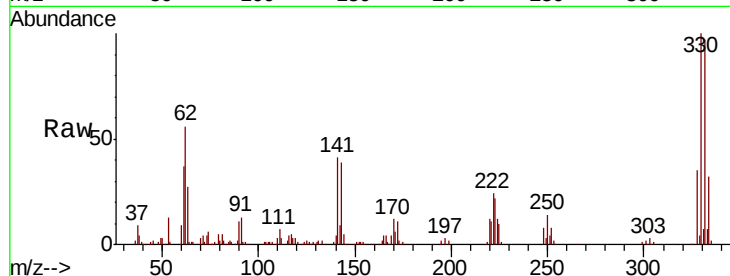




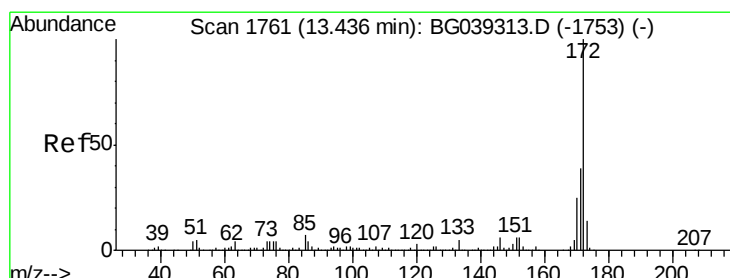
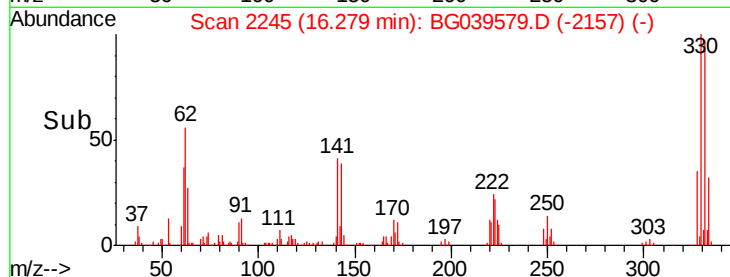
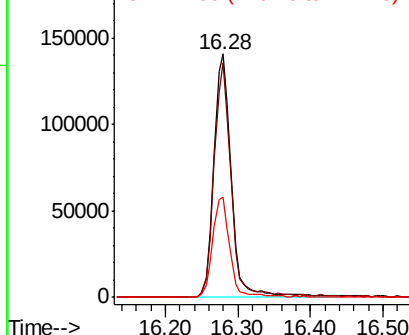
#42
 2,4,6-Tribromophenol
 Concen: 144.216 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039579.D
 Acq: 21 Feb 2019 20:07

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-022019-A

Tot Ion:330 Resp: 236737
 Ion Ratio Lower Upper
 330 100
 332 93.1 75.7 113.5
 141 40.6 35.6 53.4

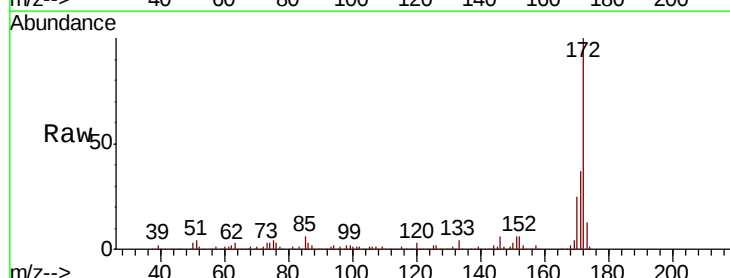


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

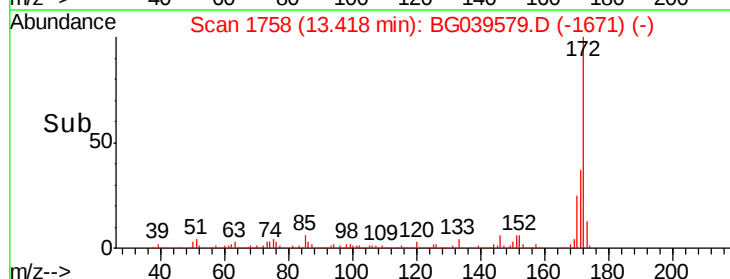
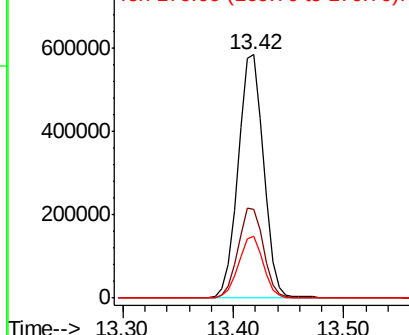


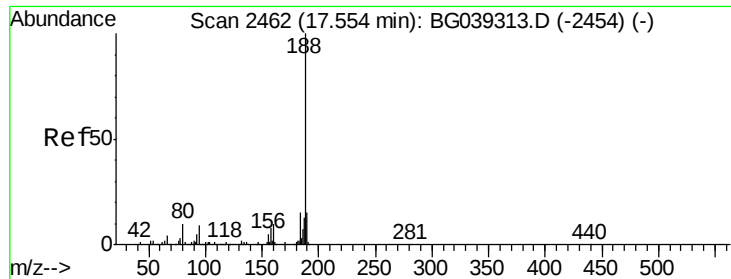
#45
 2-Fluorobiphenyl
 Concen: 89.899 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039579.D
 Acq: 21 Feb 2019 20:07

Tgt Ion:172 Resp: 955304
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.8 46.2
 170 25.3 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: 17.54 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039579.D

Acq: 21 Feb 2019 20:07

Instrument :

BNA_G

ClientSampleId :

NB-07-022019-A

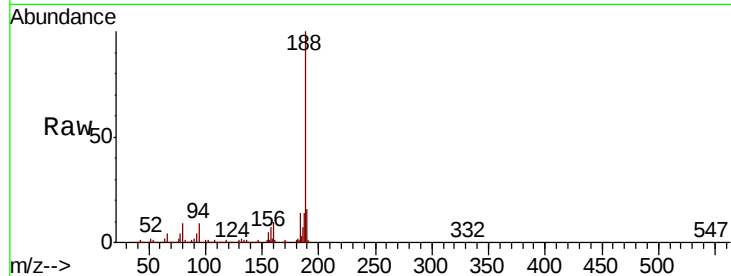
Tot Ion:188 Resp: 371670

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

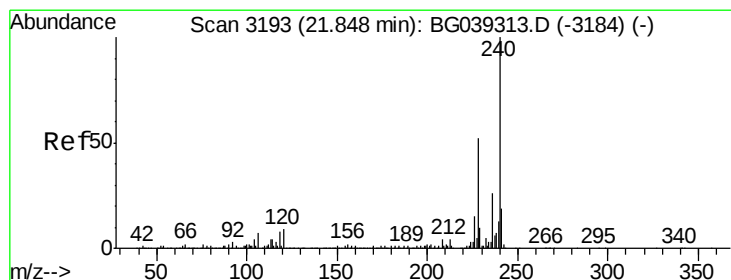
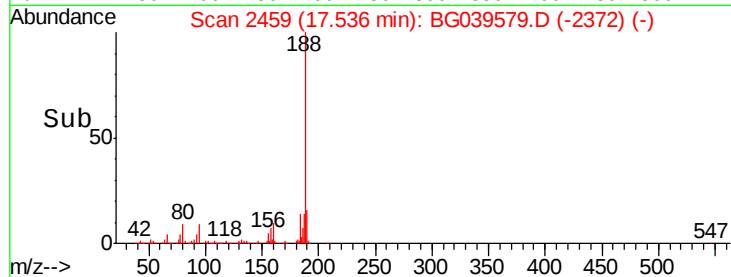
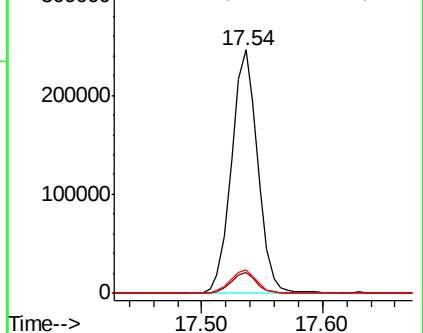
80 9.4 8.1 12.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.02 min

Lab File: BG039579.D

Acq: 21 Feb 2019 20:07

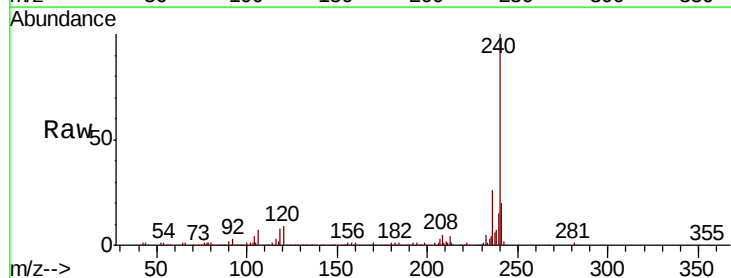
Tgt Ion:240 Resp: 378865

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

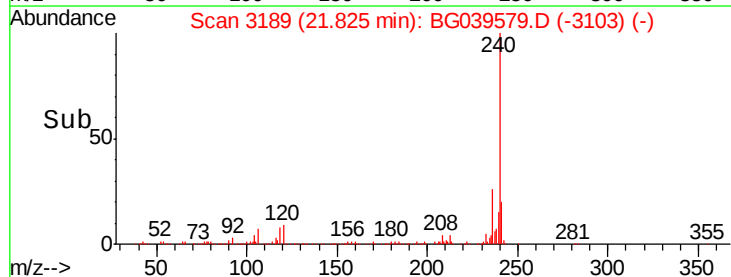
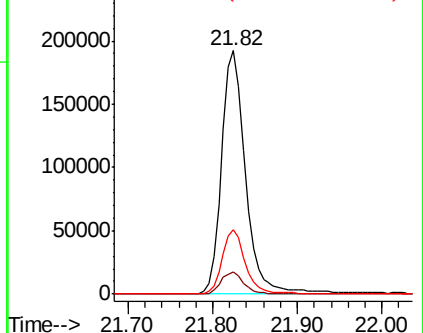
236 26.3 21.0 31.4



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: 89.958 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.02 min

Lab File: BG039579.D

Acq: 21 Feb 2019 20:07

Instrument :

BNA_G

ClientSampleId :

NB-07-022019-A

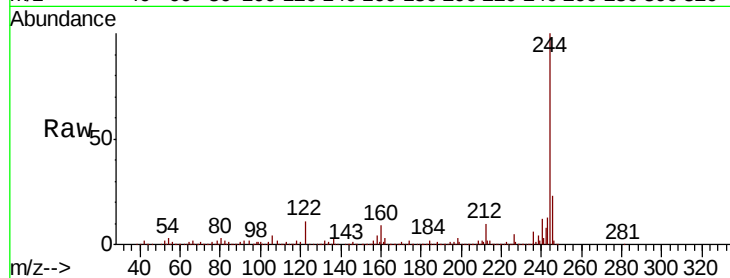
Tot Ion:244 Resp: 1610146

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

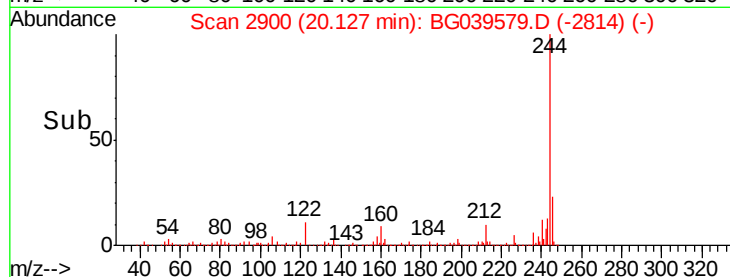
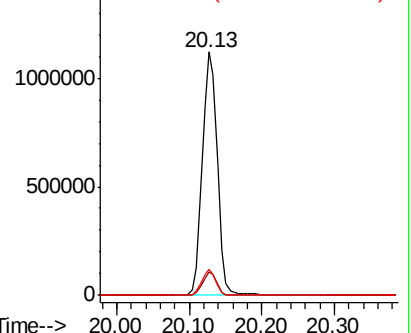
122 10.7 8.4 12.6



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: 25.21 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039579.D

Acq: 21 Feb 2019 20:07

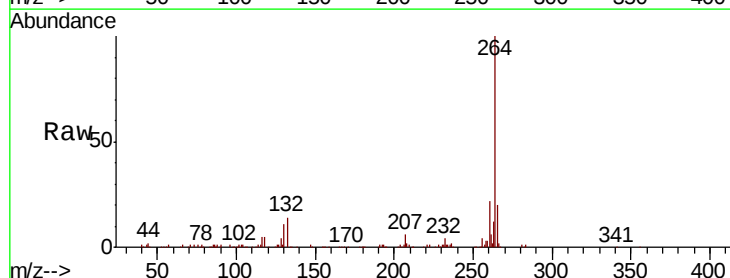
Tgt Ion:264 Resp: 316729

Ion Ratio Lower Upper

264 100

260 21.6 18.2 27.4

265 19.8 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

