

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
 Data File : BG039452.D
 Acq On : 12 Feb 2019 2:41
 Operator : JU/SJ
 Sample : PB116997TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116997TB

Quant Time: Feb 12 04:41:00 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	49894	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	225305	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	158846	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	406571	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	426226	20.00	ng	-0.02
87) Perylene-d12	25.21	264	419245	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	384860	132.02	ng	0.00
7) Phenol-d6	7.31	99	553149	128.91	ng	-0.01
23) Nitrobenzene-d5	9.35	82	313465	86.92	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	198589	116.10	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	839641	75.83	ng	-0.02
79) Terphenyl-d14	20.13	244	1402363	69.64	ng	-0.02

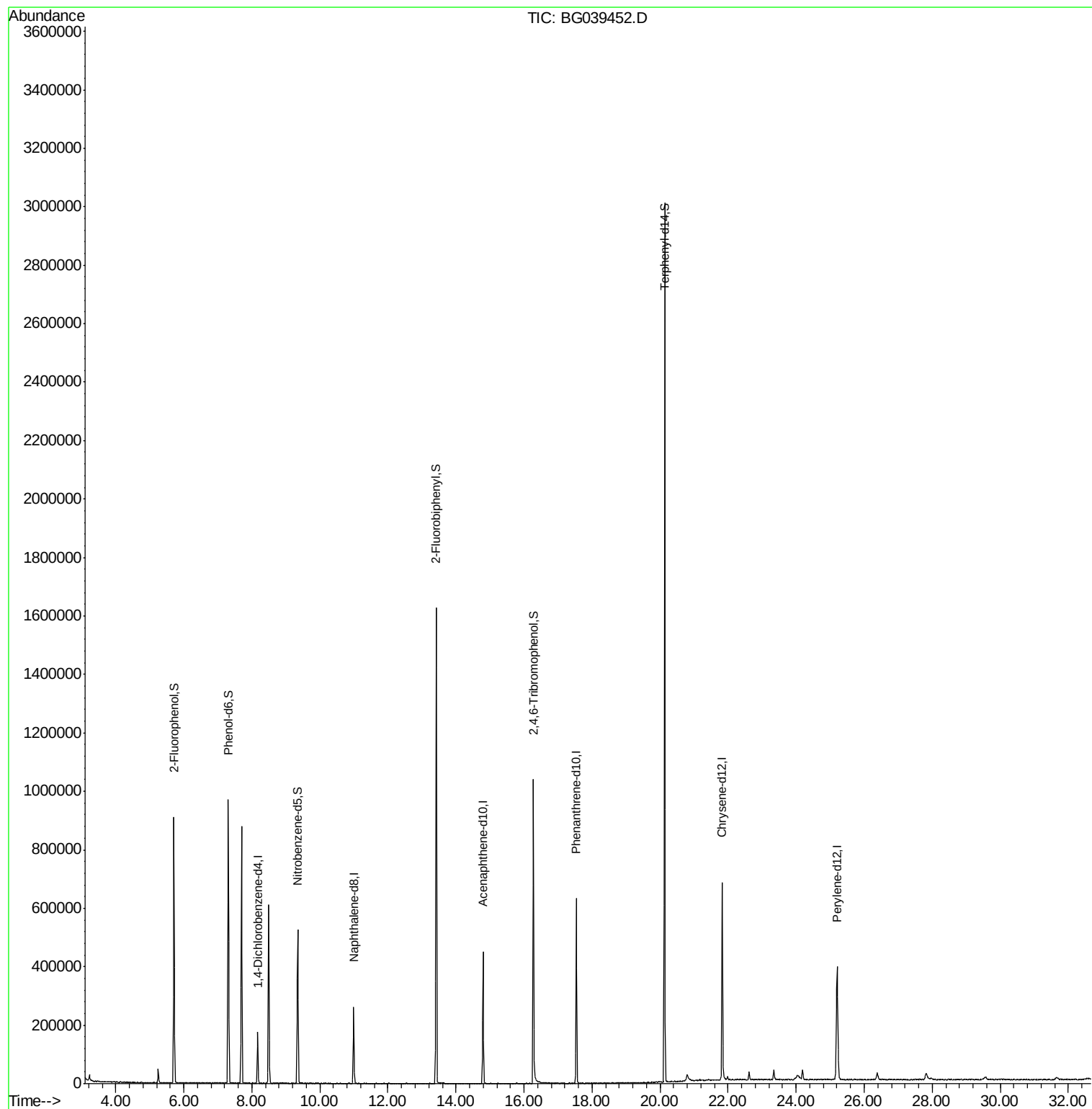
Target Compounds Qvalue

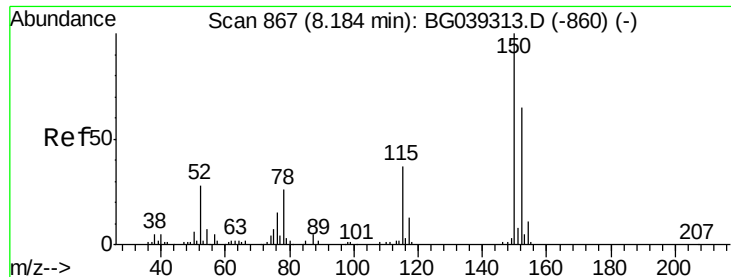
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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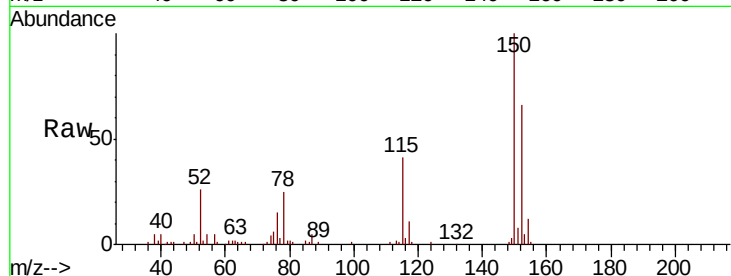


#1

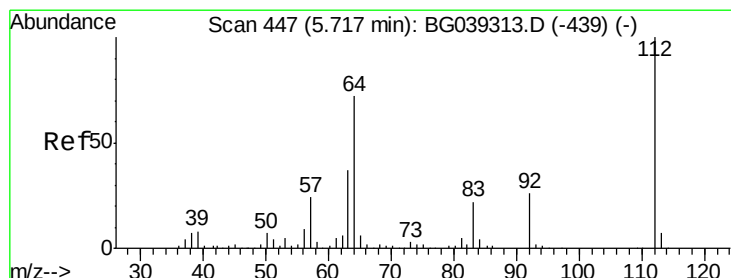
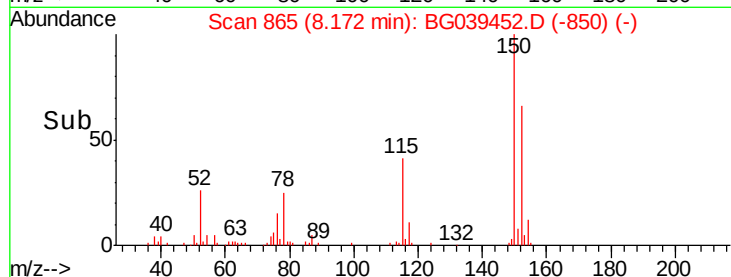
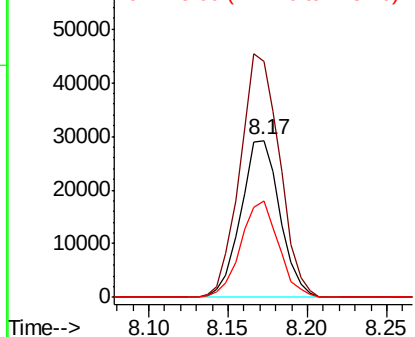
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039452.D
Acq: 12 Feb 2019 2:41

Instrument :
BNA_G
ClientSampleId :
PB116997TB

Tot Ion:152 Resp: 49894
Ion Ratio Lower Upper
152 100
150 150.8 123.7 185.5
115 61.8 45.9 68.9



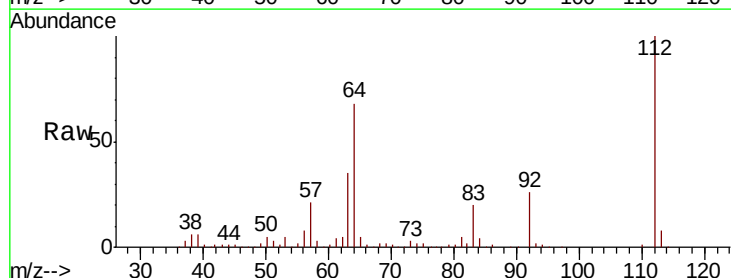
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



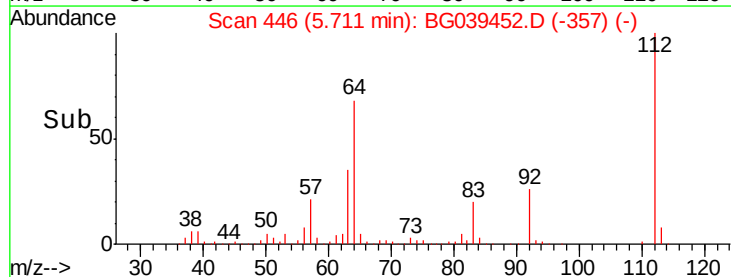
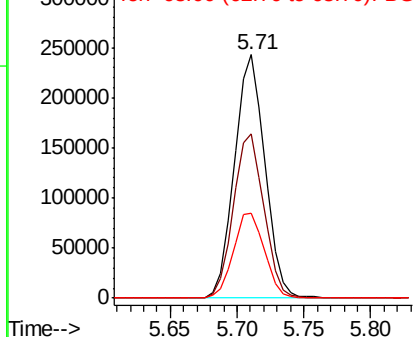
#5

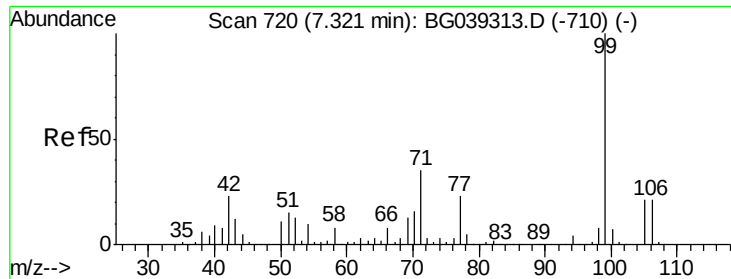
2-Fluorophenol
Concen: 132.018 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039452.D
Acq: 12 Feb 2019 2:41

Tgt Ion:112 Resp: 384860
Ion Ratio Lower Upper
112 100
64 67.7 57.8 86.8
63 34.7 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: 128.906 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039452.D

Acq: 12 Feb 2019 2:41

Instrument :

BNA_G

ClientSampleId :

PB116997TB

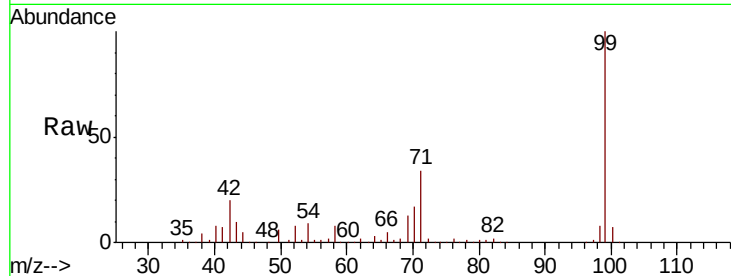
Tot Ion: 99 Resp: 553149

Ion Ratio Lower Upper

99 100

42 19.9 18.2 27.2

71 34.0 28.0 42.0

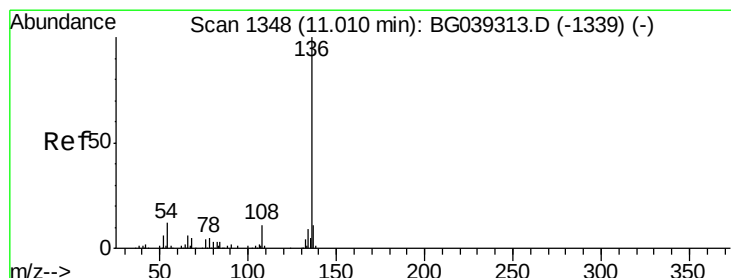
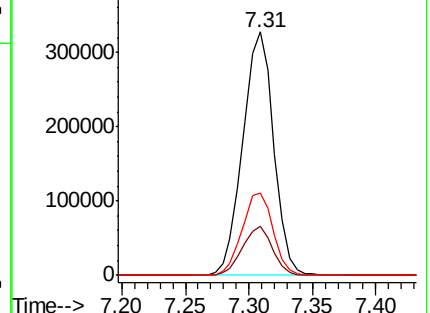
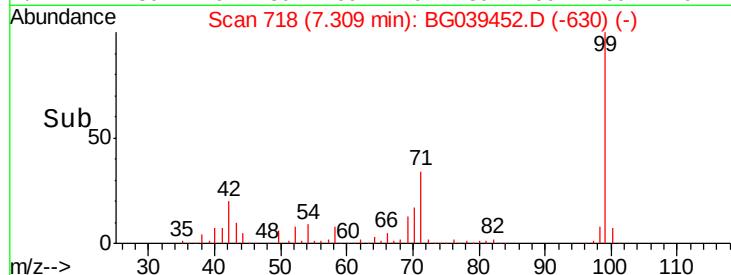


Abundance

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: BG039452.D

Acq: 12 Feb 2019 2:41

Tgt Ion: 136 Resp: 225305

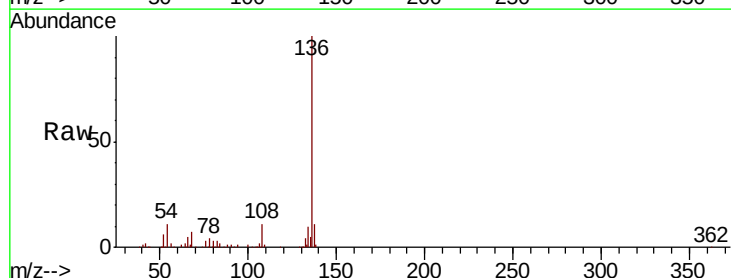
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 10.8 9.4 14.2

68 6.9 4.2 6.4#



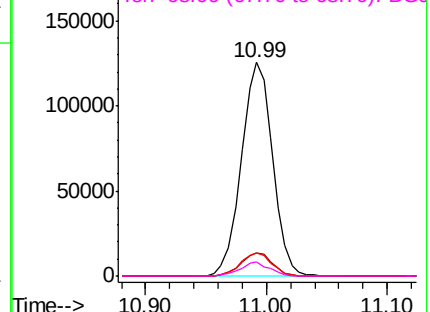
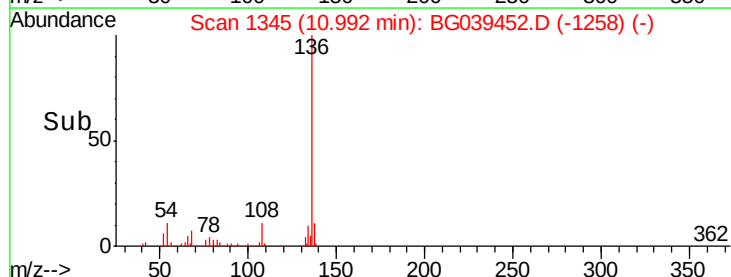
Abundance

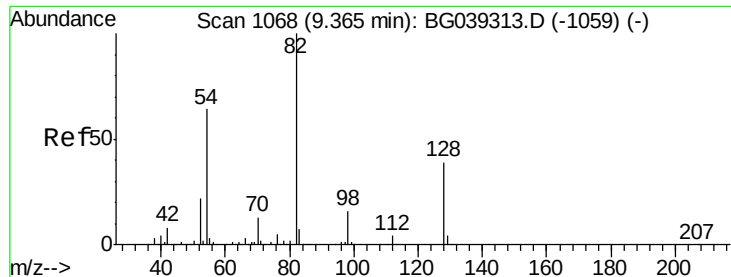
Ion 136.00 (135.70 to 136.70): BGC

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

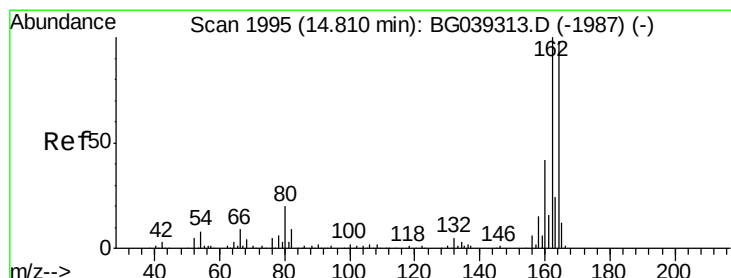
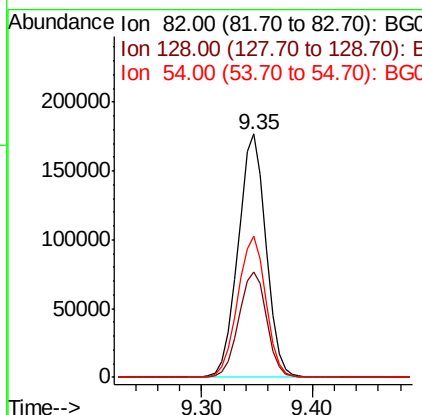
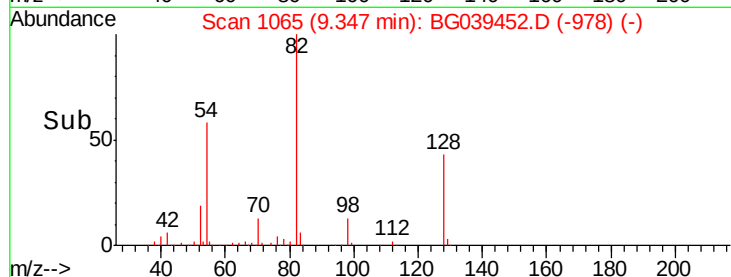
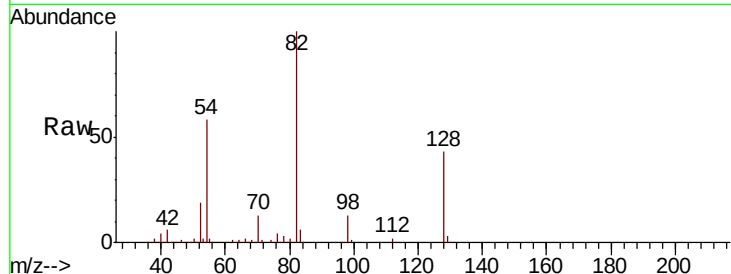




#23
Nitrobenzene-d5
Concen: 86.916 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039452.D
Acq: 12 Feb 2019 2:41

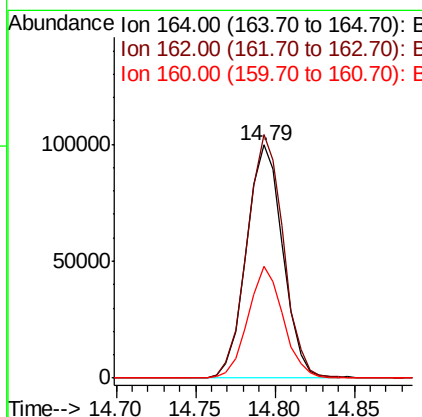
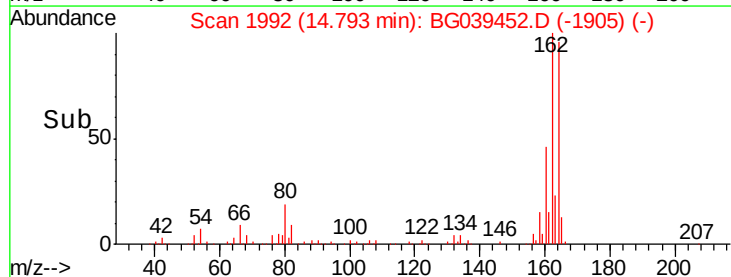
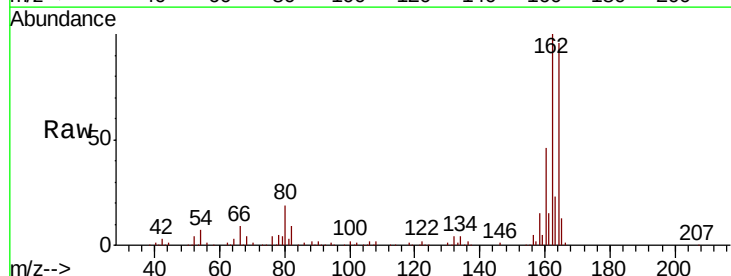
Instrument :
BNA_G
ClientSampleId :
PB116997TB

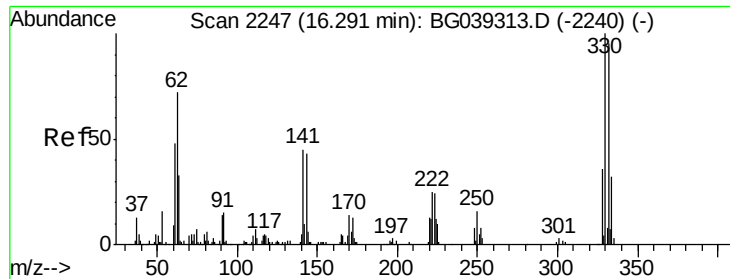
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	31.3	46.9
54	58.1	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039452.D
Acq: 12 Feb 2019 2:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	81.6	122.4
160	47.8	34.2	51.2

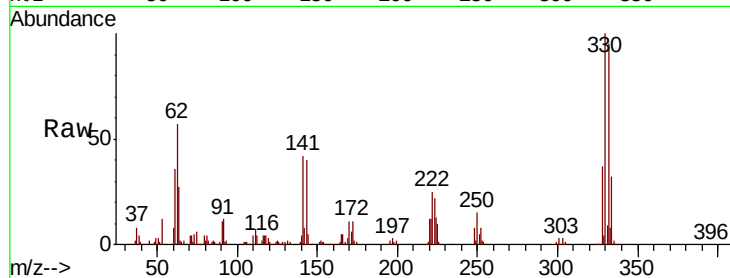




#42
2,4,6-Tribromophenol
Concen: 116.100 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039452.D
Acq: 12 Feb 2019 2:41

Instrument :
BNA_G
ClientSampleId :
PB116997TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.7	113.5
141	38.8	35.6	53.4

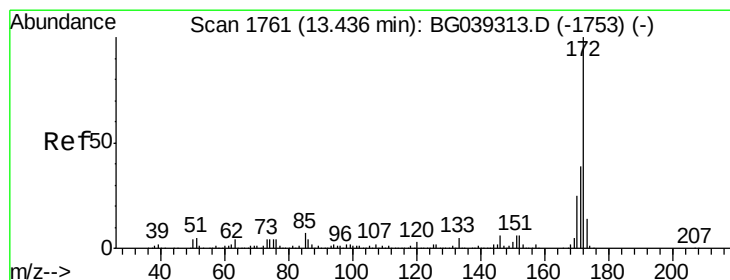
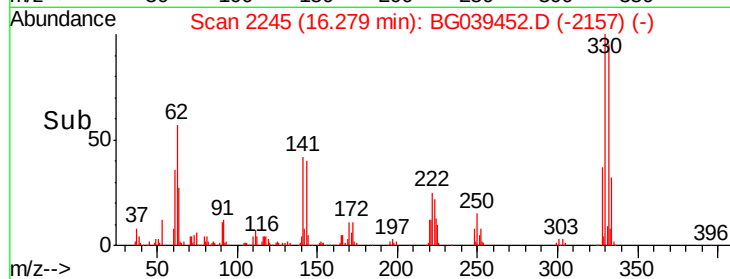
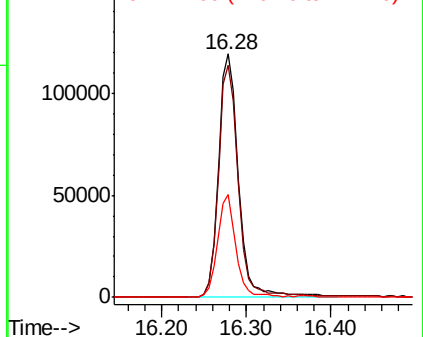


Abundance

Ion 329.80 (329.50 to 330.50): E

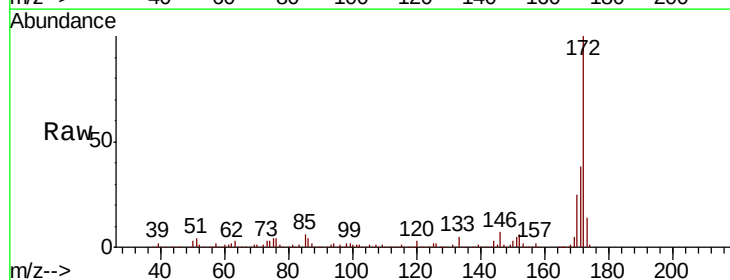
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 75.829 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039452.D
Acq: 12 Feb 2019 2:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.8	46.2
170	25.1	20.2	30.4

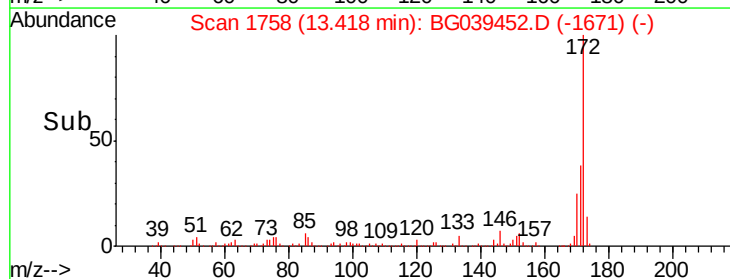
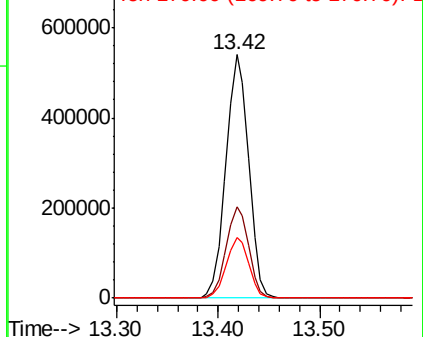


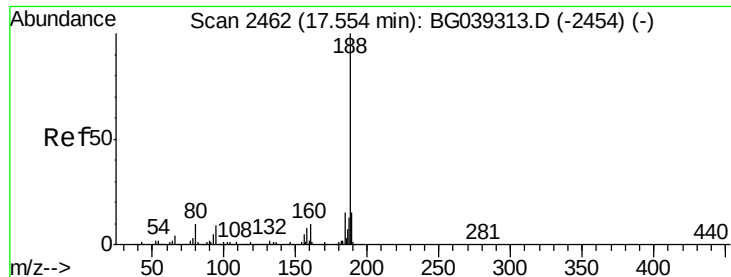
Abundance

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: BG039452.D

Acq: 12 Feb 2019 2:41

Instrument :

BNA_G

ClientSampleId :

PB116997TB

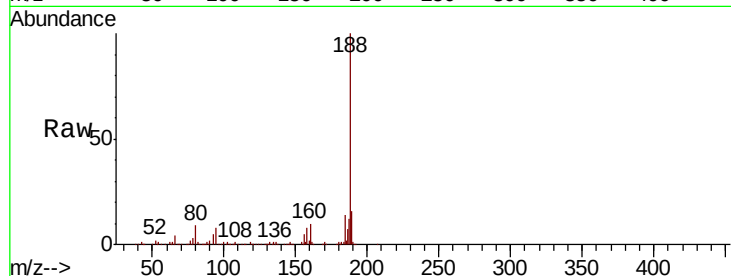
Tot Ion:188 Resp: 406571

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

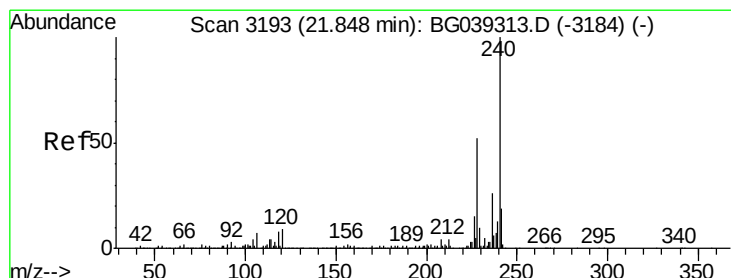
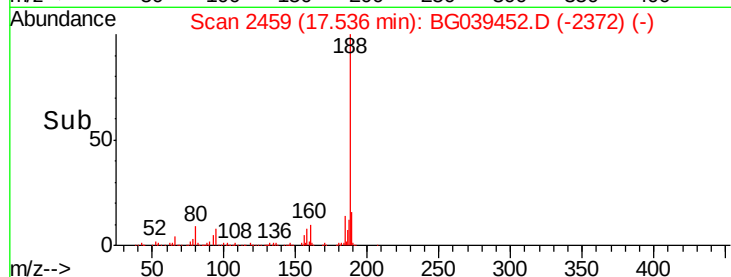
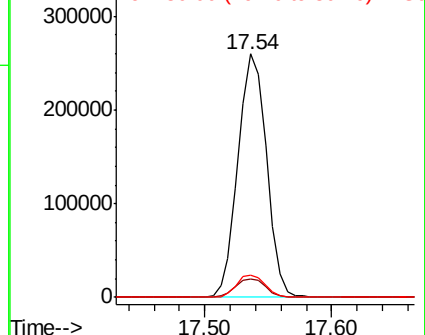
80 9.3 8.1 12.1



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: BG039452.D

Acq: 12 Feb 2019 2:41

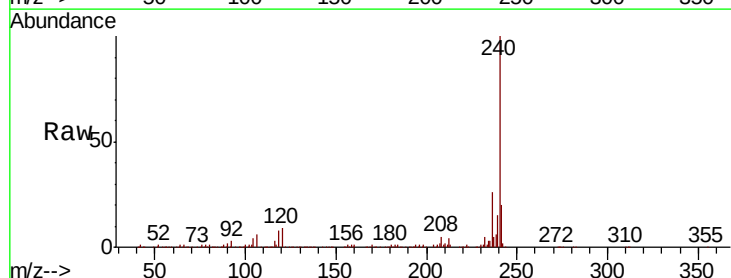
Tgt Ion:240 Resp: 426226

Ion Ratio Lower Upper

240 100

120 9.4 7.0 10.6

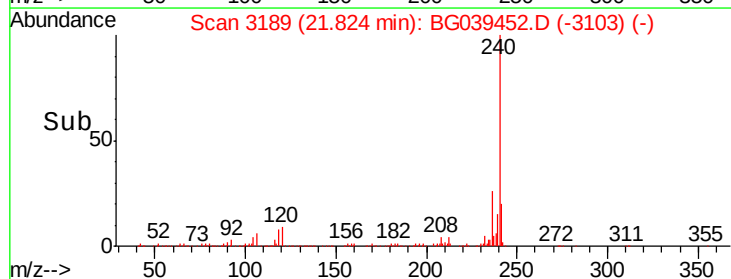
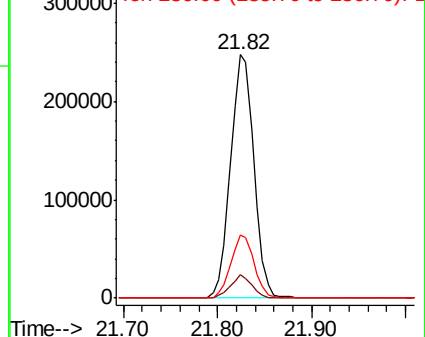
236 26.2 21.0 31.4

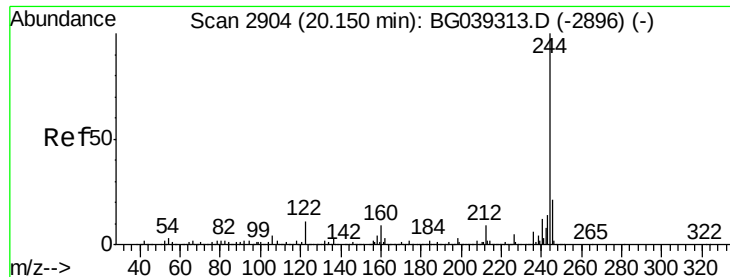


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.643 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039452.D

Acq: 12 Feb 2019 2:41

Instrument :

BNA_G

ClientSampleId :

PB116997TB

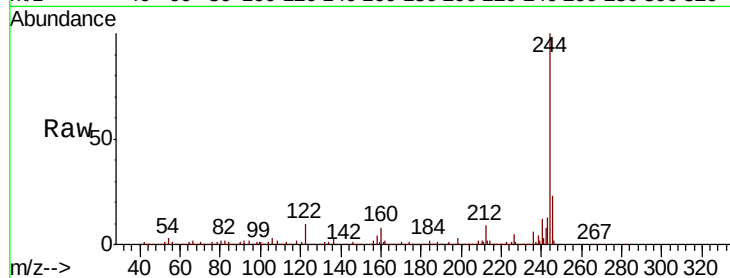
Tot Ion:244 Resp: 1402363

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

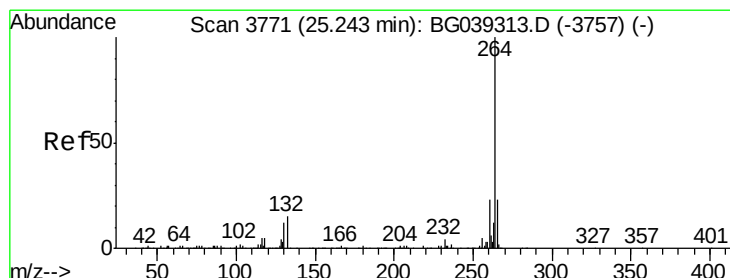
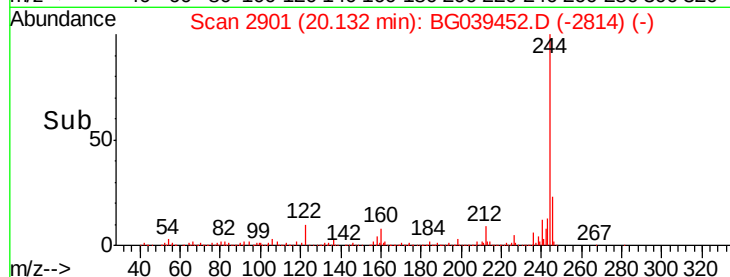
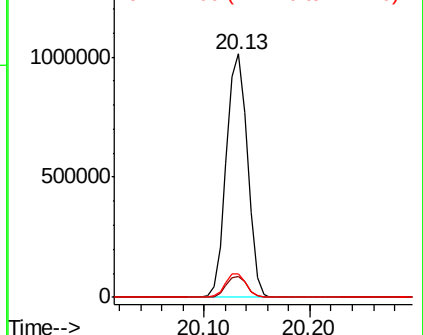
122 9.8 8.4 12.6



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: BG039452.D

Acq: 12 Feb 2019 2:41

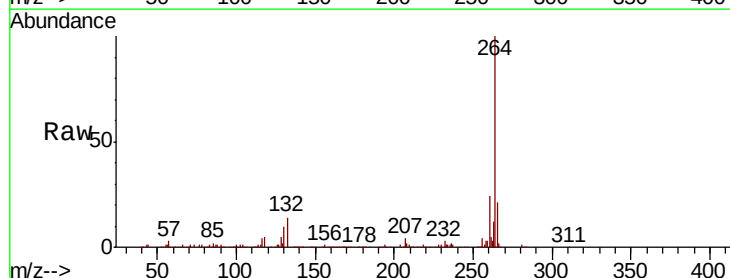
Tgt Ion:264 Resp: 419245

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 21.3 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

