

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
 Data File : BG039540.D
 Acq On : 18 Feb 2019 15:29
 Operator : JU/SJ
 Sample : PB117160BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117160BL

Quant Time: Feb 18 16:14:20 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	45460	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	206331	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	141644	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	362282	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	382970	20.00	ng	-0.02
87) Perylene-d12	25.21	264	352866	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	350959	132.13	ng	0.00
7) Phenol-d6	7.32	99	521815	133.46	ng	0.00
23) Nitrobenzene-d5	9.34	82	296965	89.91	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	195740	128.33	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	774045	78.39	ng	-0.02
79) Terphenyl-d14	20.13	244	1295730	71.62	ng	-0.02

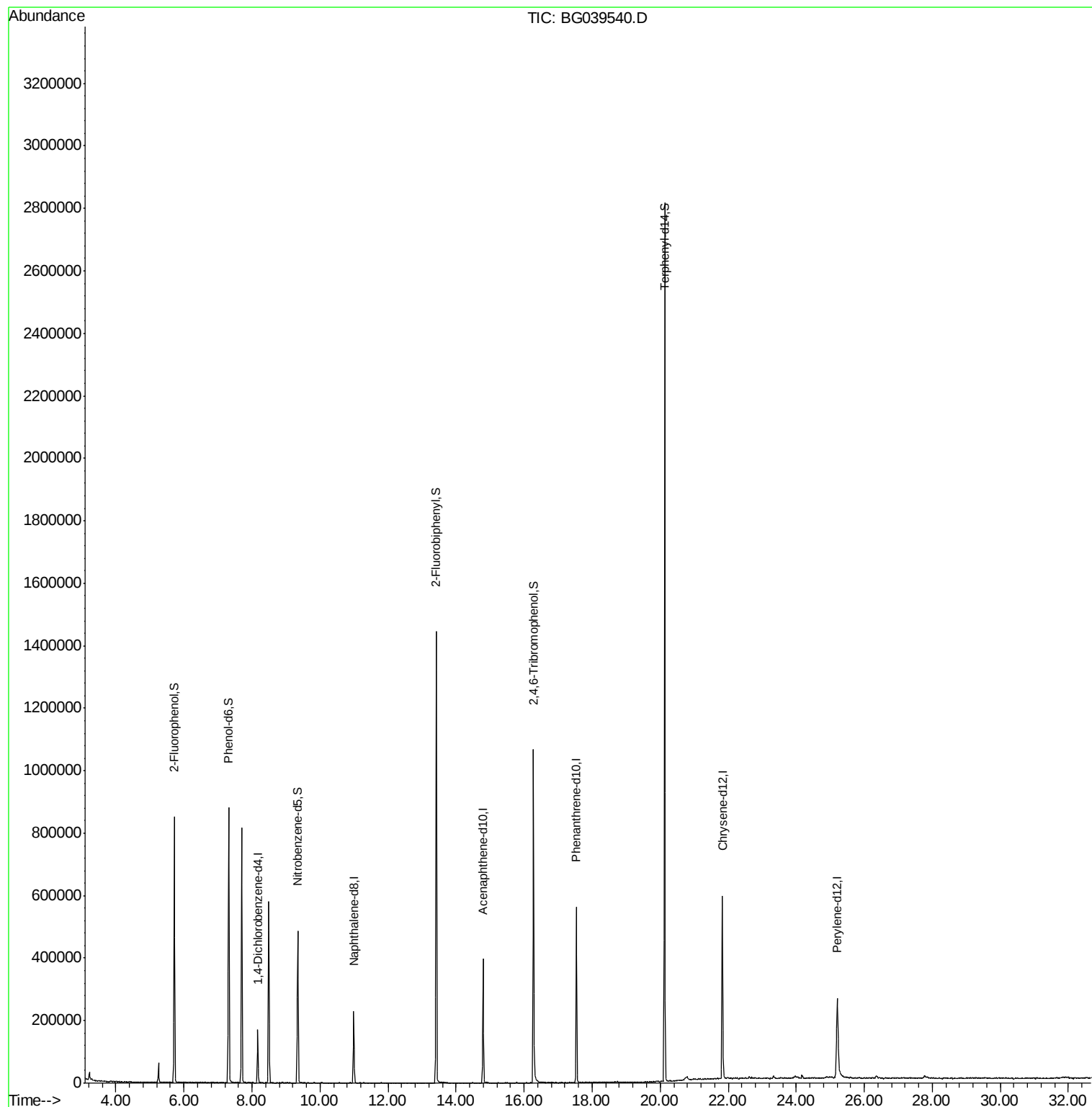
Target Compounds Qvalue

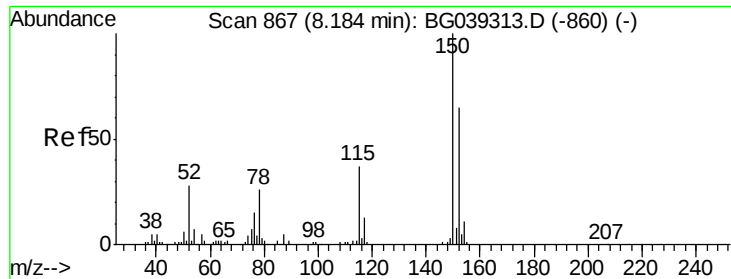
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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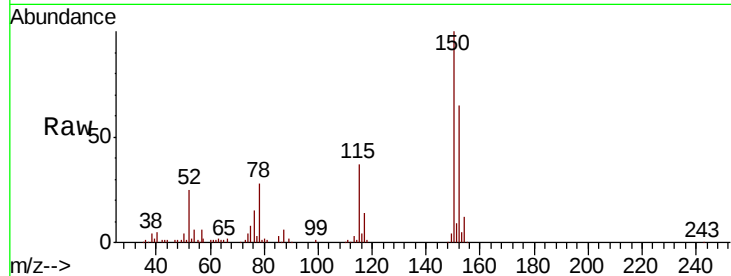


#1

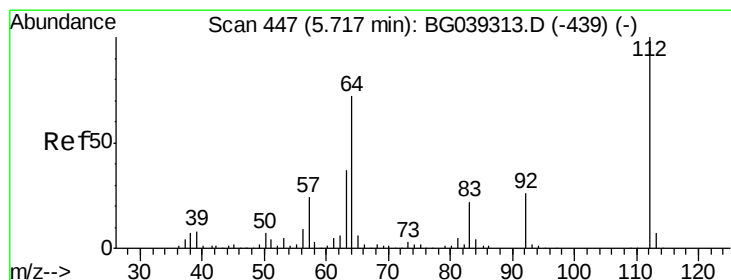
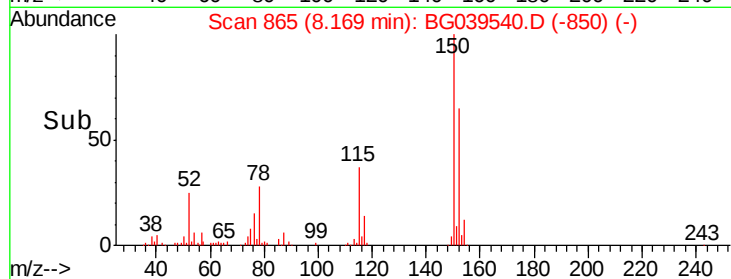
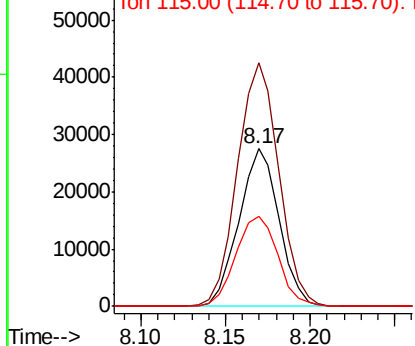
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039540.D
Acq: 18 Feb 2019 15:29

Instrument :
BNA_G
ClientSampleId :
PB117160BL

Tot Ion:152 Resp: 45460
Ion Ratio Lower Upper
152 100
150 154.8 123.7 185.5
115 57.1 45.9 68.9



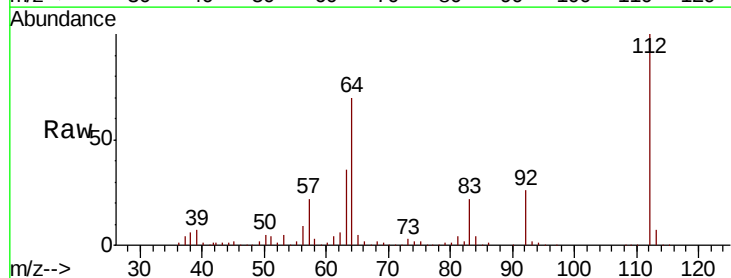
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



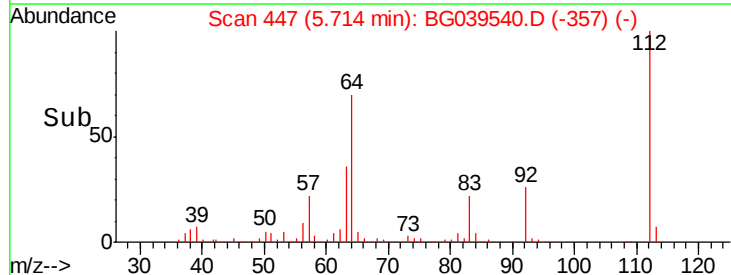
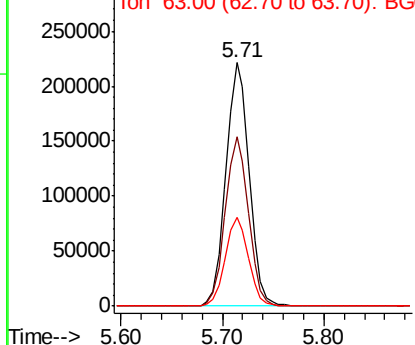
#5

2-Fluorophenol
Concen: 132.131 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039540.D
Acq: 18 Feb 2019 15:29

Tgt Ion:112 Resp: 350959
Ion Ratio Lower Upper
112 100
64 69.7 57.8 86.8
63 36.2 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: 133.465 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039540.D

Acq: 18 Feb 2019 15:29

Instrument :

BNA_G

ClientSampleId :

PB117160BL

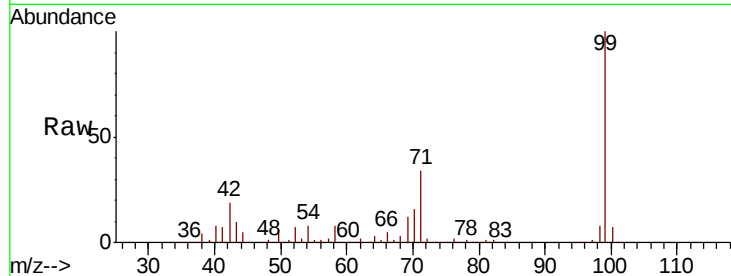
Tot Ion: 99 Resp: 521815

Ion Ratio Lower Upper

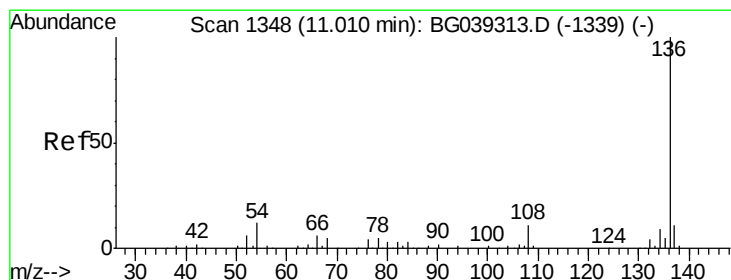
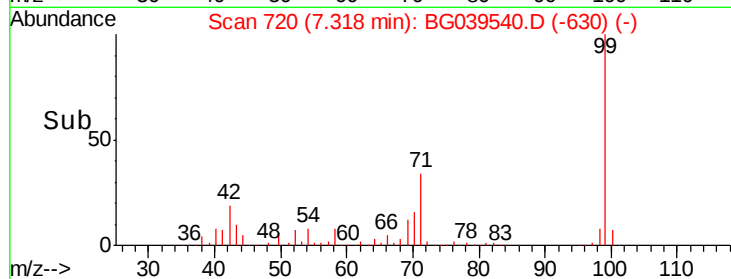
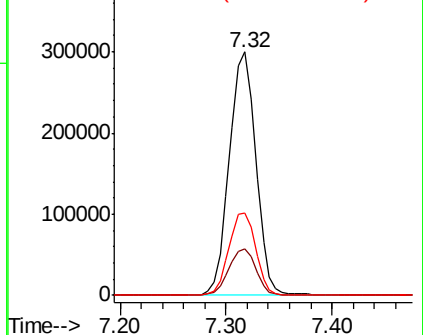
99 100

42 19.4 18.2 27.2

71 33.7 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: BG039540.D

Acq: 18 Feb 2019 15:29

Tgt Ion: 136 Resp: 206331

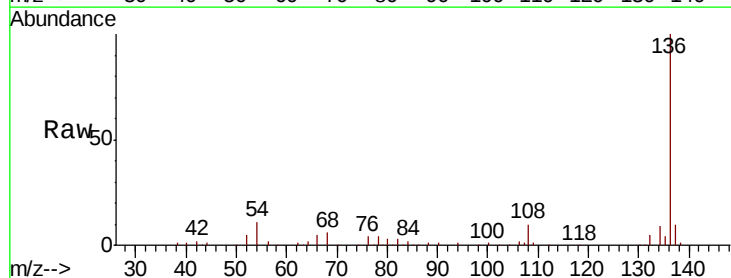
Ion Ratio Lower Upper

136 100

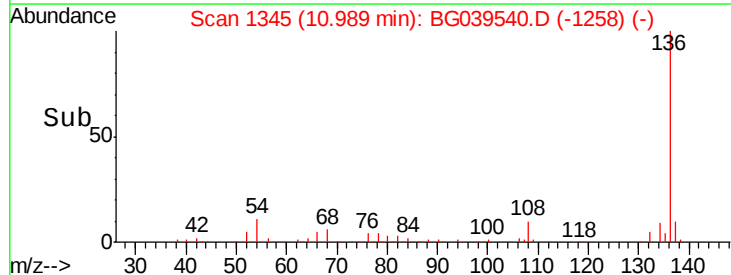
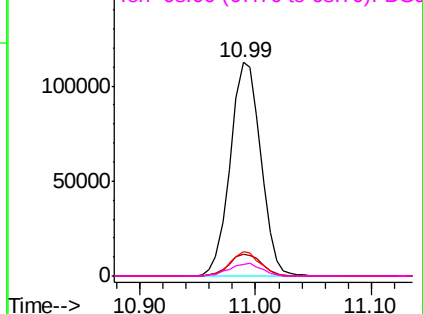
137 10.1 9.1 13.7

54 11.1 9.4 14.2

68 5.6 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

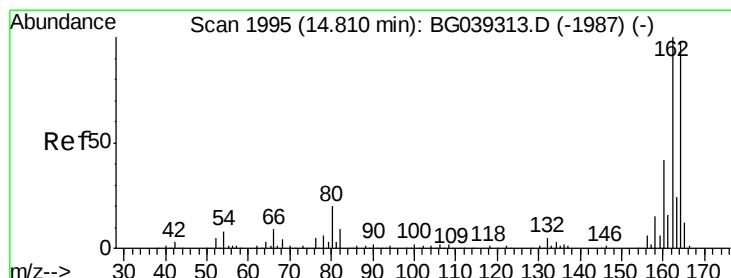
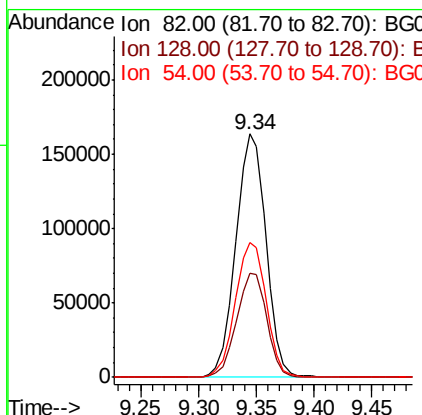
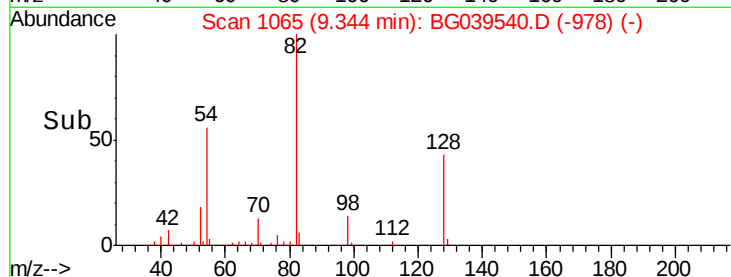
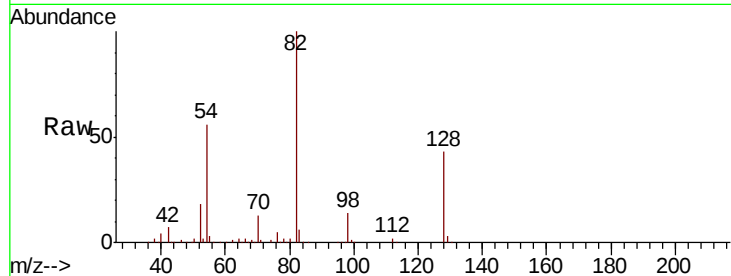




#23
Nitrobenzene-d5
Concen: 89.913 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039540.D
Acq: 18 Feb 2019 15:29

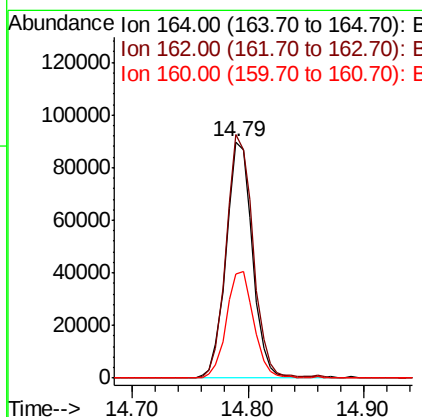
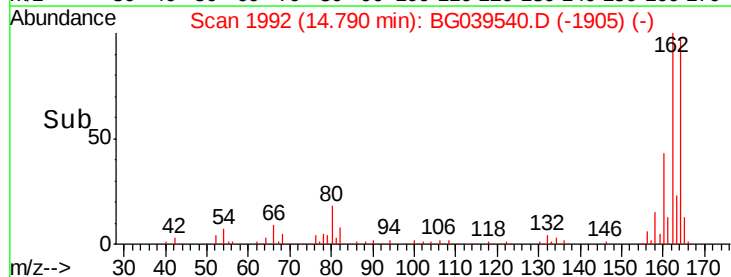
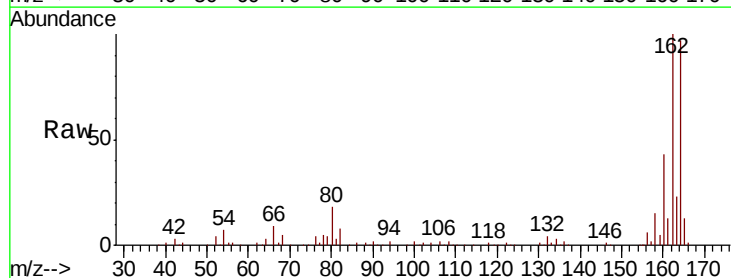
Instrument :
BNA_G
ClientSampleId :
PB117160BL

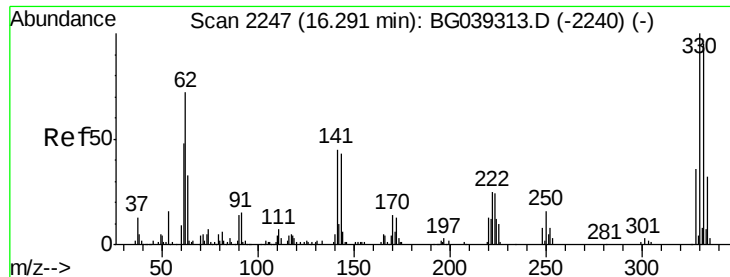
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	31.3	46.9
54	55.6	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039540.D
Acq: 18 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.6	122.4
160	43.9	34.2	51.2

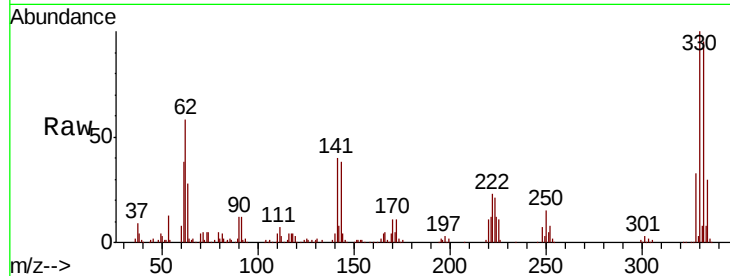




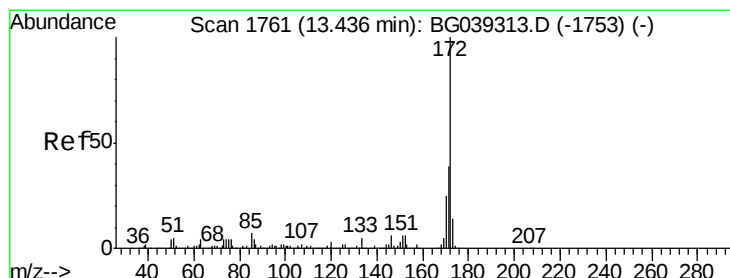
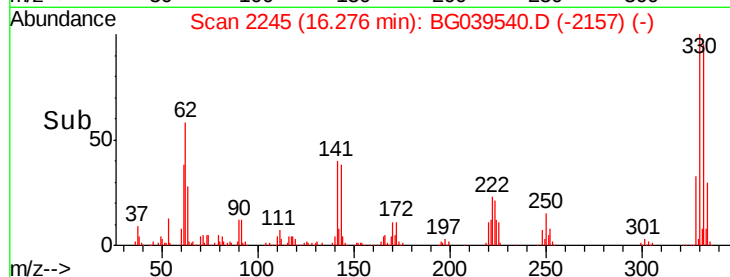
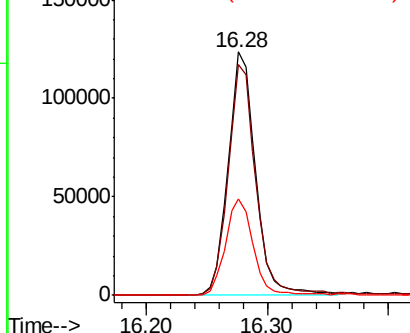
#42
 2,4,6-Tribromophenol
 Concen: 128.332 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039540.D
 Acq: 18 Feb 2019 15:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117160BL

Tot Ion:330 Resp: 195740
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.7 113.5
 141 40.2 35.6 53.4

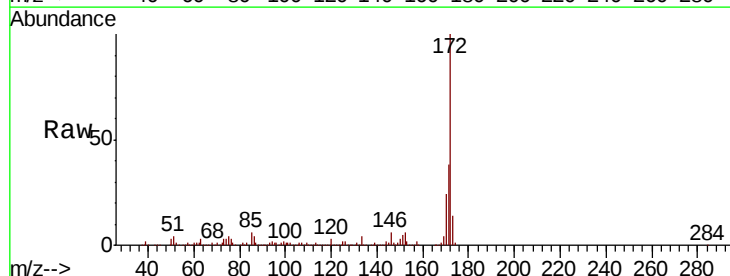


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

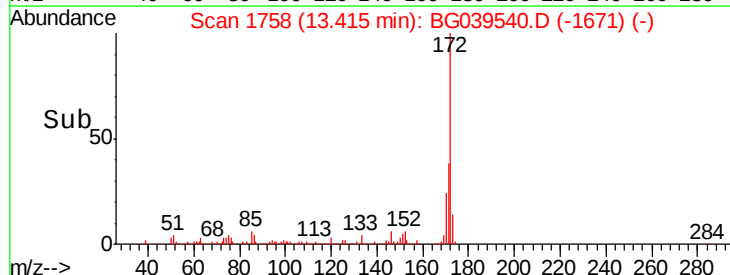
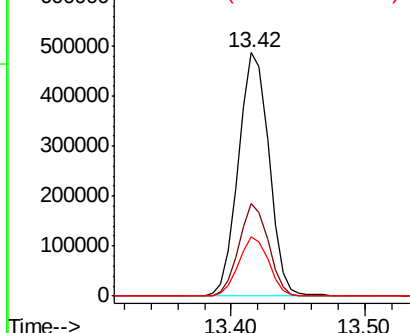


#45
 2-Fluorobiphenyl
 Concen: 78.394 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039540.D
 Acq: 18 Feb 2019 15:29

Tgt Ion:172 Resp: 774045
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.8 46.2
 170 24.2 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# 2460

Delta R.T. -0.01 min

Lab File: BG039540.D

Acq: 18 Feb 2019 15:29

Instrument :

BNA_G

ClientSampleId :

PB117160BL

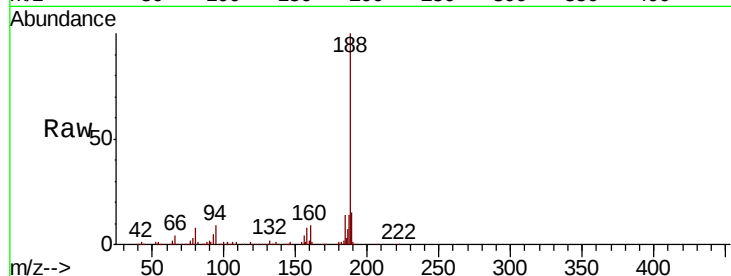
Tot Ion:188 Resp: 362282

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

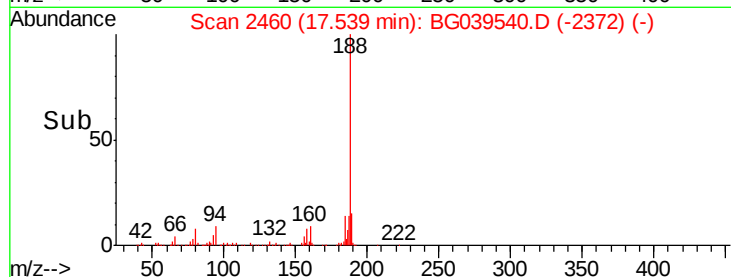
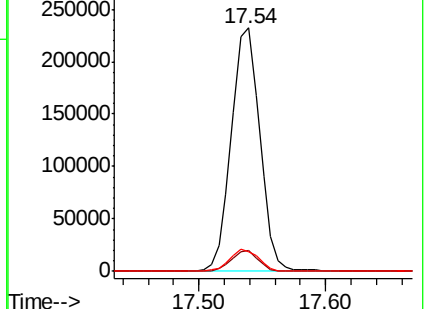
80 8.3 8.1 12.1



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: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039540.D

Acq: 18 Feb 2019 15:29

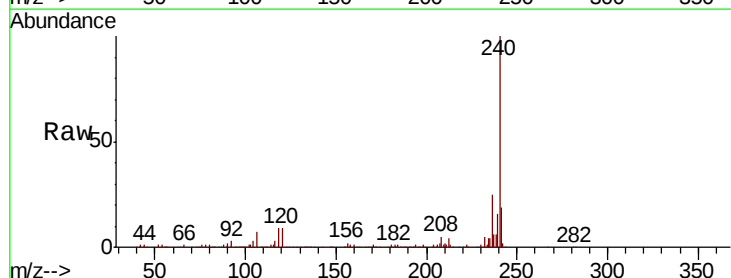
Tgt Ion:240 Resp: 382970

Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.6

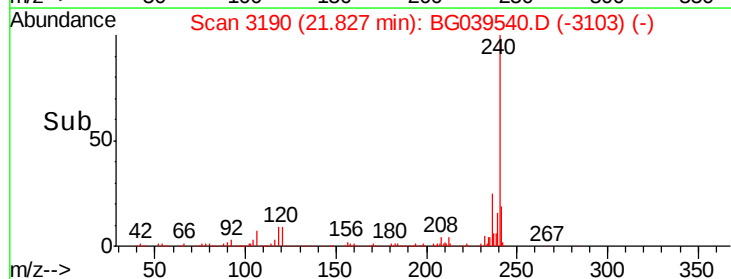
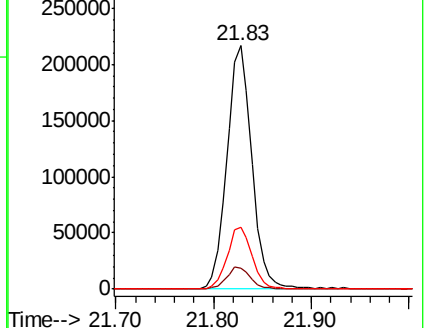
236 25.4 21.0 31.4

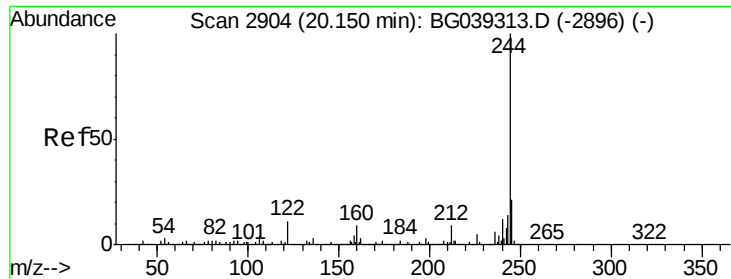


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

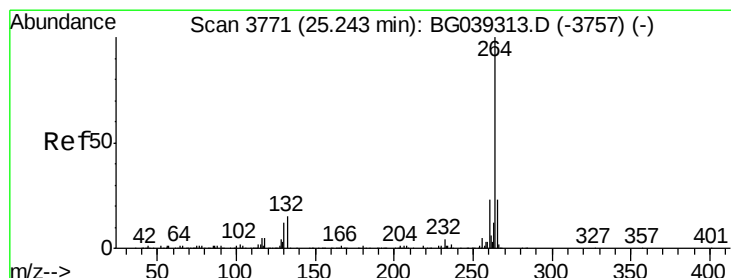
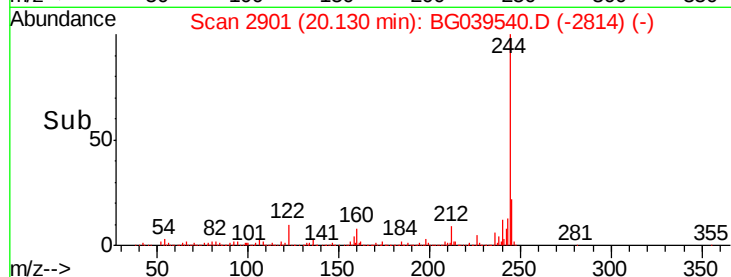
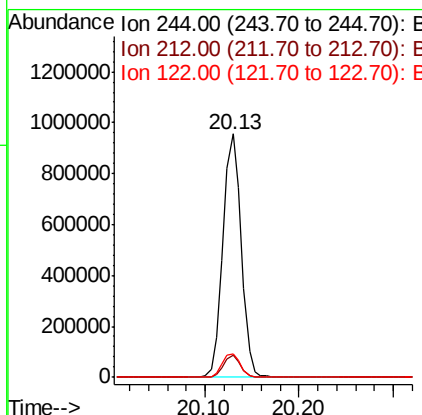
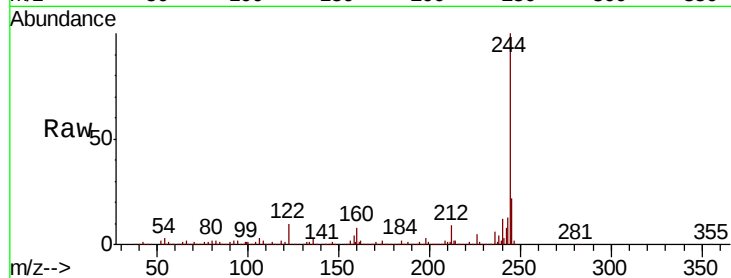




#79
 Terphenyl-d14
 Concen: 71.615 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039540.D
 Acq: 18 Feb 2019 15:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117160BL

Tot Ion:244 Resp: 1295730
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.3 10.9
 122 9.8 8.4 12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3766
 Delta R.T. -0.03 min
 Lab File: BG039540.D
 Acq: 18 Feb 2019 15:29

Tgt Ion:264 Resp: 352866
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.2 27.4
 265 23.3 18.5 27.7

