

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012319\
 Data File : BG039268.D
 Acq On : 23 Jan 2019 18:09
 Operator : JU/SJ
 Sample : K1210-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-1495

Quant Time: Jan 24 00:30:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	16464	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	62204	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	43258	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	109686	20.00	ng	0.00
76) Chrysene-d12	21.67	240	117127	20.00	ng	-0.01
87) Perylene-d12	24.93	264	128686	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	102945	118.61	ng	0.00
7) Phenol-d6	7.17	99	131879	105.59	ng	0.00
23) Nitrobenzene-d5	9.18	82	106172	93.40	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	83526	115.19	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	290738	91.98	ng	0.00
79) Terphenyl-d14	20.00	244	523451	82.67	ng	0.00

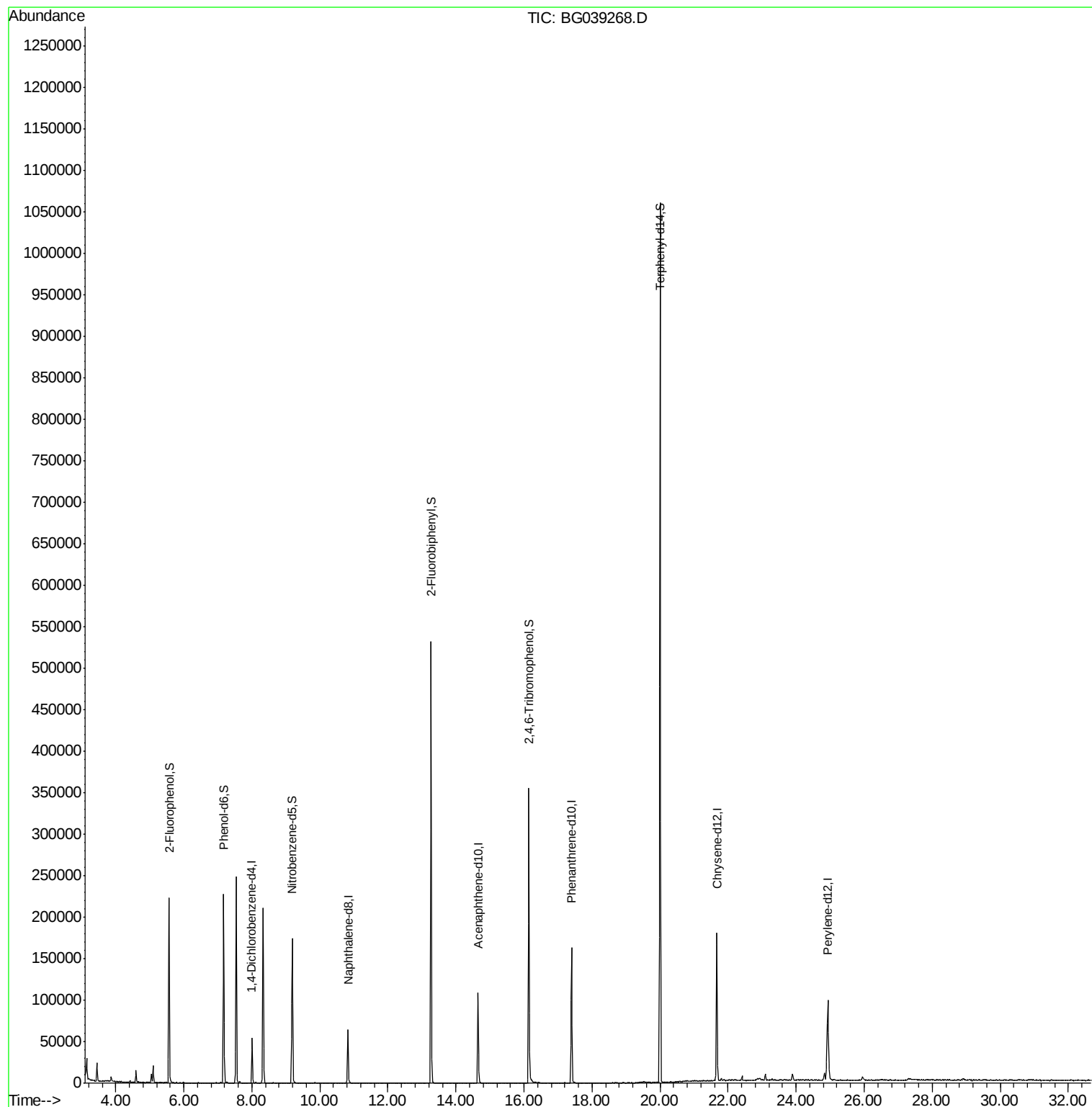
Target Compounds Qvalue

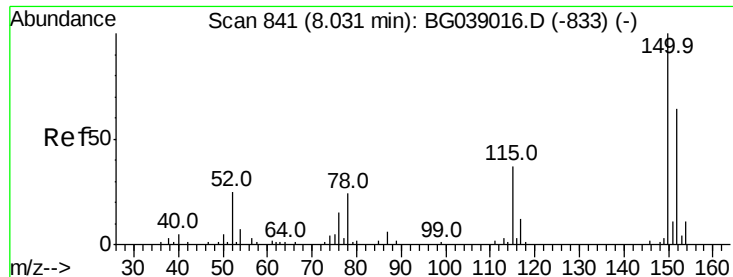
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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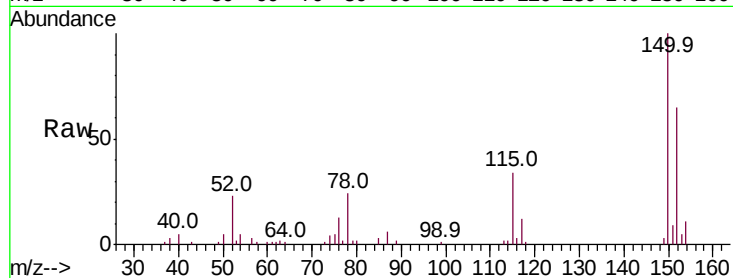


#1

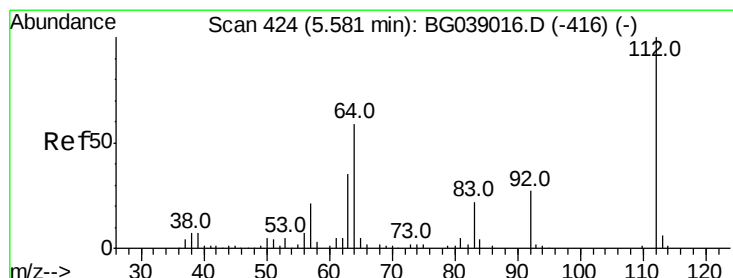
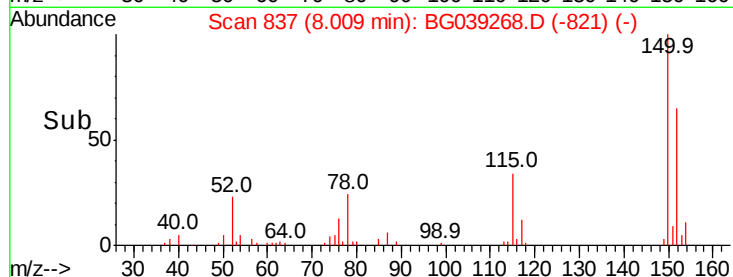
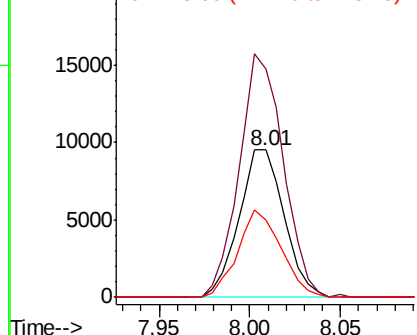
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039268.D
Acq: 23 Jan 2019 18:09

Instrument :
BNA_G
ClientSampleId :
RT-1495

Tot Ion:152 Resp: 16464
Ion Ratio Lower Upper
152 100
150 154.6 124.7 187.1
115 52.8 46.5 69.7



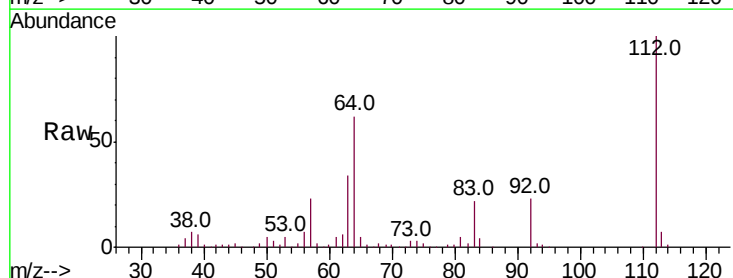
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



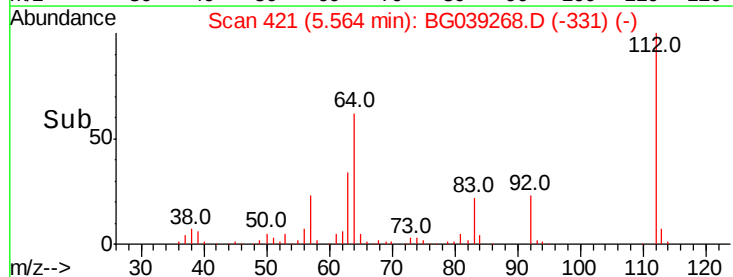
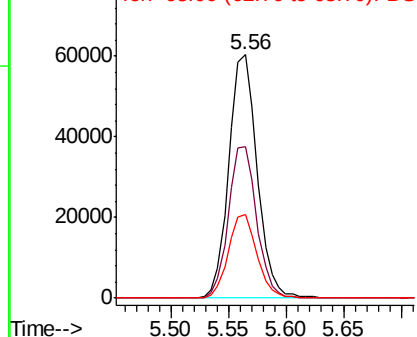
#5

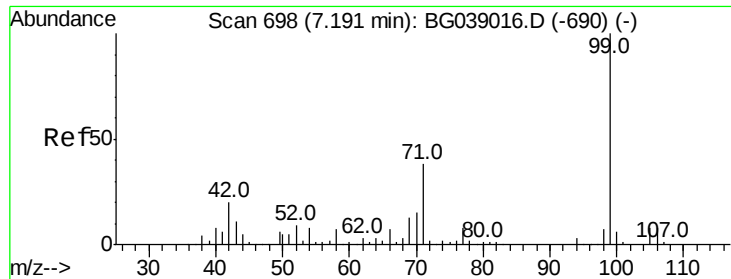
2-Fluorophenol
Concen: 118.613 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039268.D
Acq: 23 Jan 2019 18:09

Tgt Ion:112 Resp: 102945
Ion Ratio Lower Upper
112 100
64 62.0 47.0 70.6
63 34.2 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 105.585 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

Instrument :

BNA_G

ClientSampled :

RT-1495

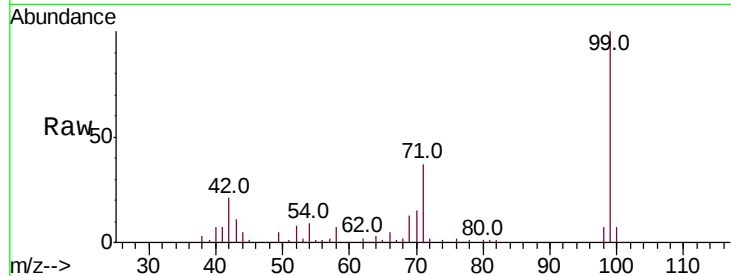
Tot Ion: 99 Resp: 131879

Ion Ratio Lower Upper

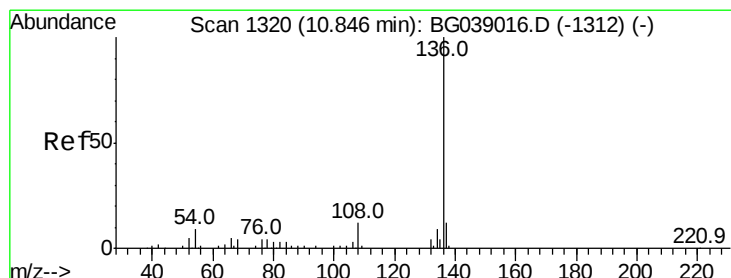
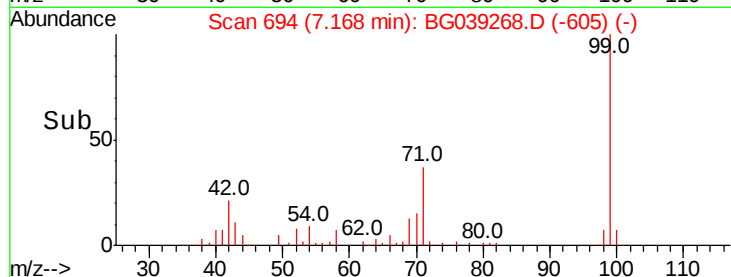
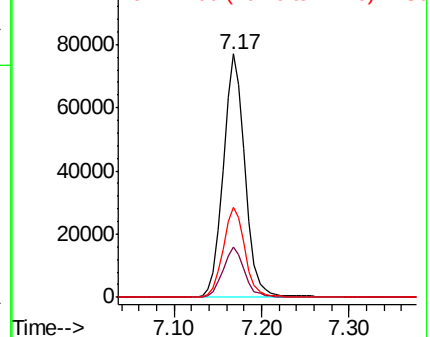
99 100

42 20.5 15.8 23.6

71 37.0 30.2 45.4



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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

Tgt Ion: 136 Resp: 62204

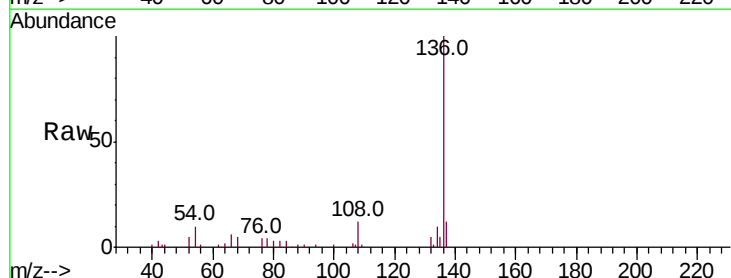
Ion Ratio Lower Upper

136 100

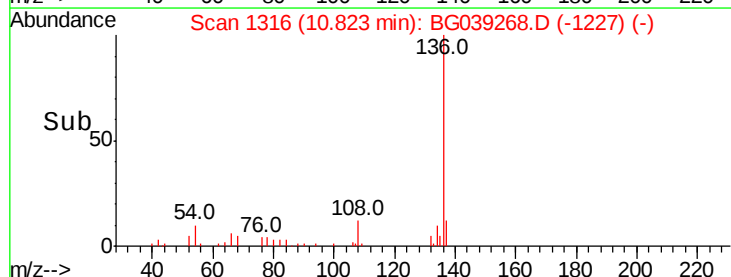
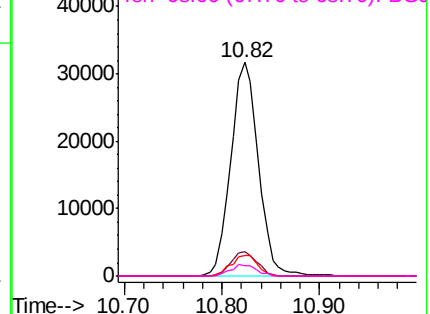
137 11.6 9.4 14.2

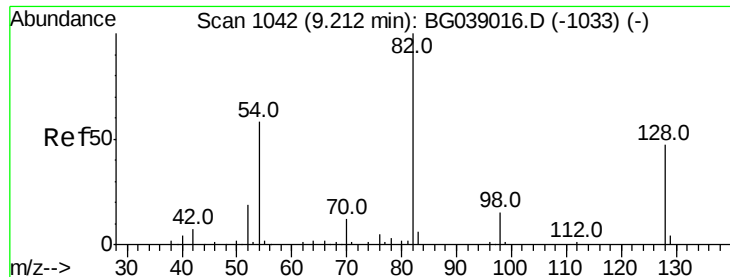
54 9.8 7.2 10.8

68 4.6 3.5 5.3



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

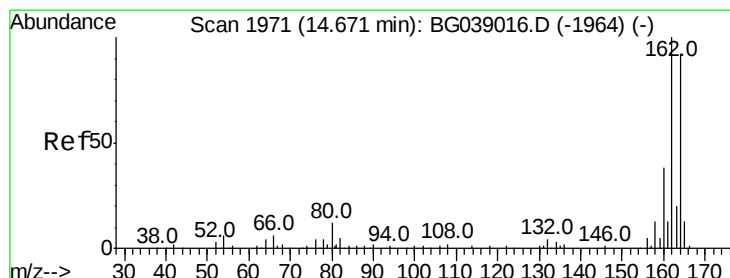
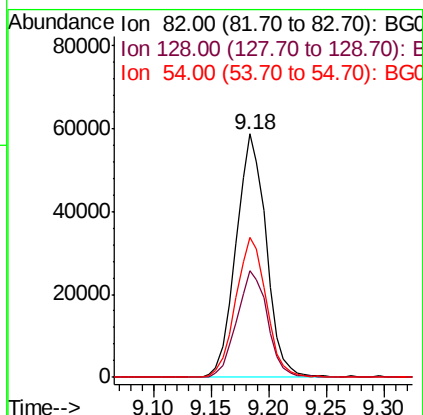
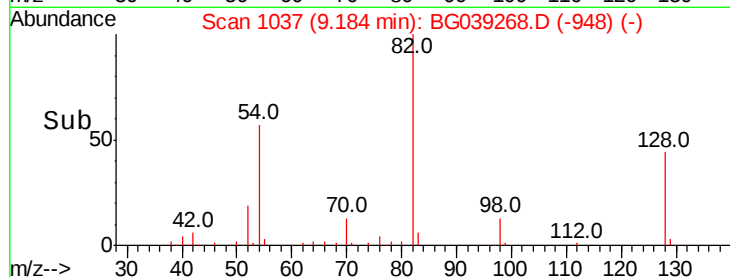
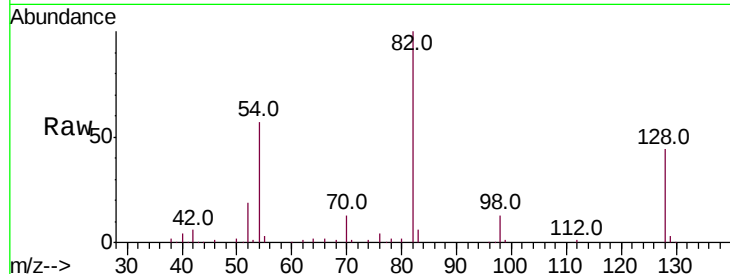




#23
Nitrobenzene-d5
Concen: 93.397 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039268.D
Acq: 23 Jan 2019 18:09

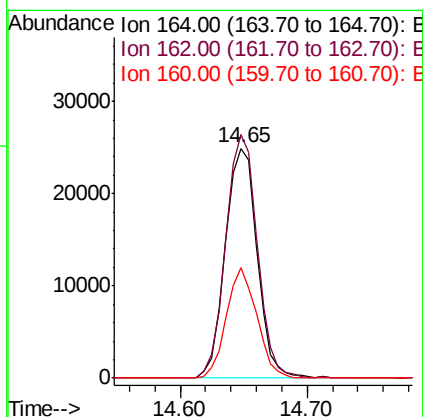
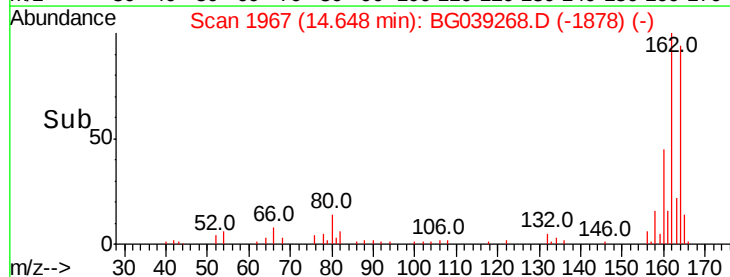
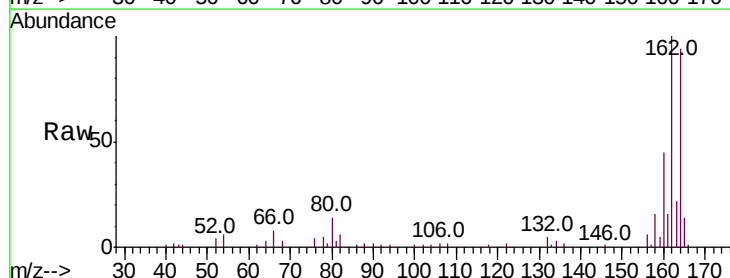
Instrument :
BNA_G
ClientSampleId :
RT-1495

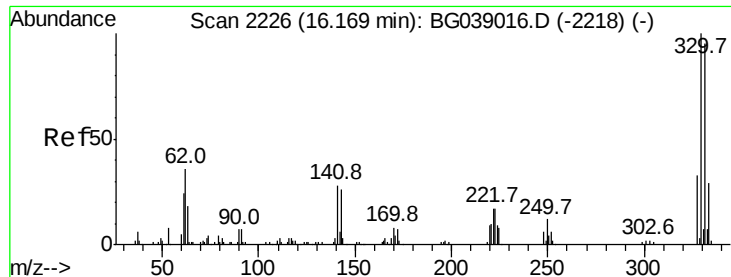
Tot Ion: 82 Resp: 106172
Ion Ratio Lower Upper
82 100
128 43.7 37.3 55.9
54 57.5 46.4 69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG039268.D
Acq: 23 Jan 2019 18:09

Tgt Ion: 164 Resp: 43258
Ion Ratio Lower Upper
164 100
162 106.0 87.2 130.8
160 48.0 33.3 49.9

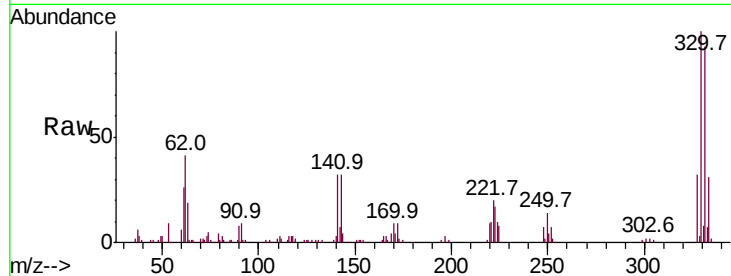




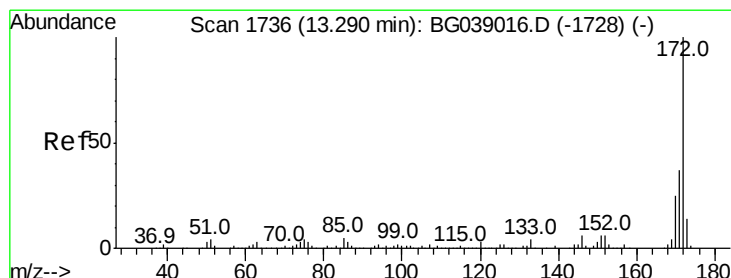
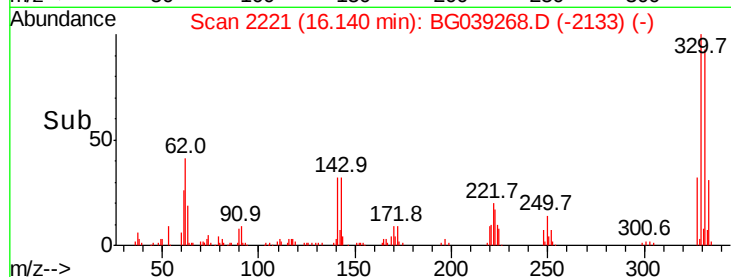
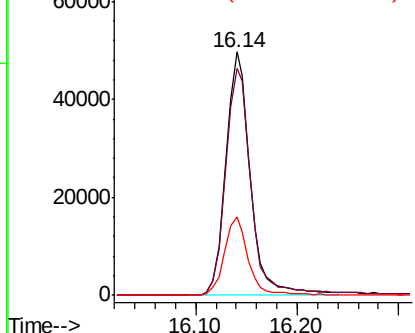
#42
 2,4,6-Tribromophenol
 Concen: 115.189 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG039268.D
 Acq: 23 Jan 2019 18:09

Instrument :
 BNA_G
 ClientSampleId :
 RT-1495

Tot Ion:330 Resp: 83526
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.7 113.5
 141 31.5 24.9 37.3

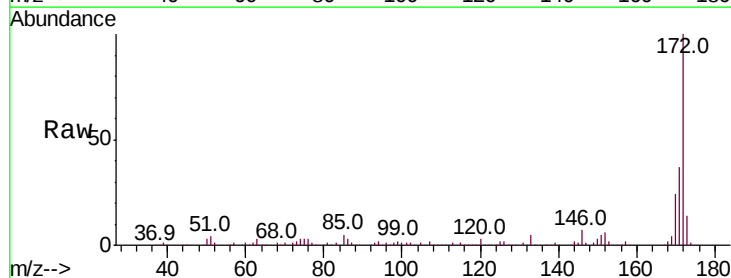


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

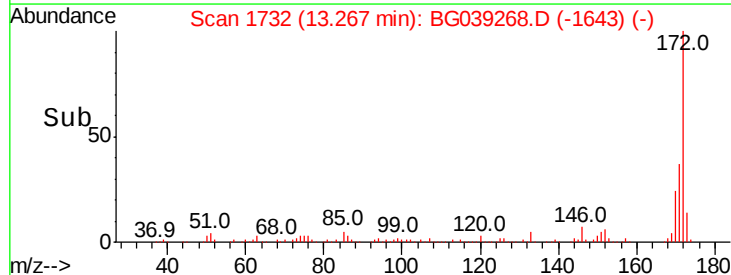
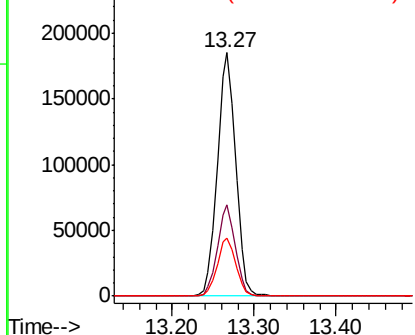


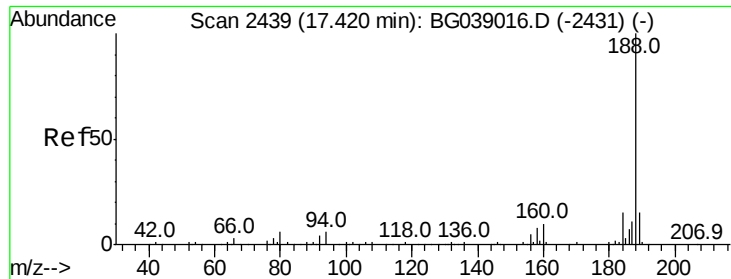
#45
 2-Fluorobiphenyl
 Concen: 91.982 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039268.D
 Acq: 23 Jan 2019 18:09

Tgt Ion:172 Resp: 290738
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.4 44.0
 170 23.6 20.1 30.1



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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

RT-1495

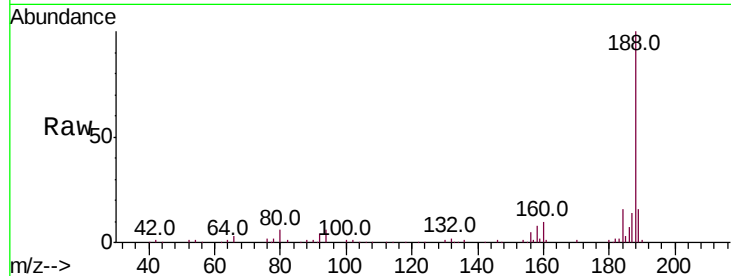
Tot Ion:188 Resp: 109686

Ion Ratio Lower Upper

188 100

94 5.8 5.0 7.4

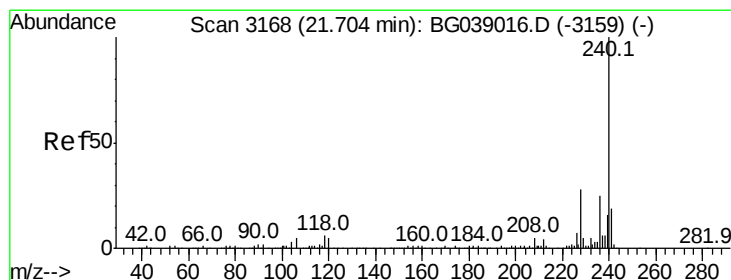
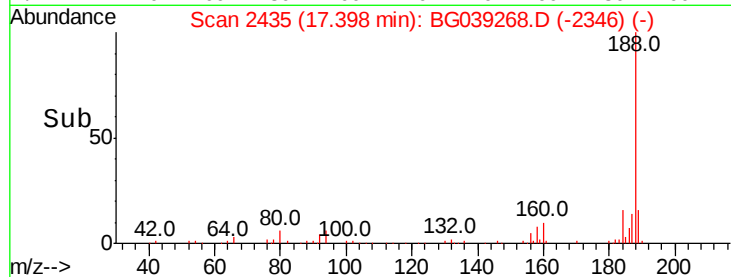
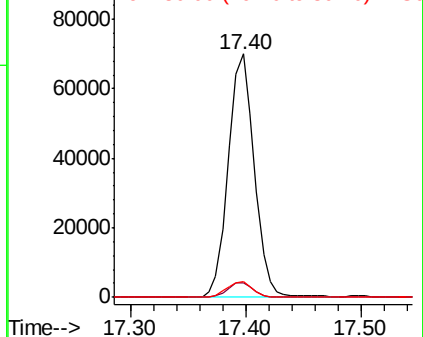
80 6.4 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

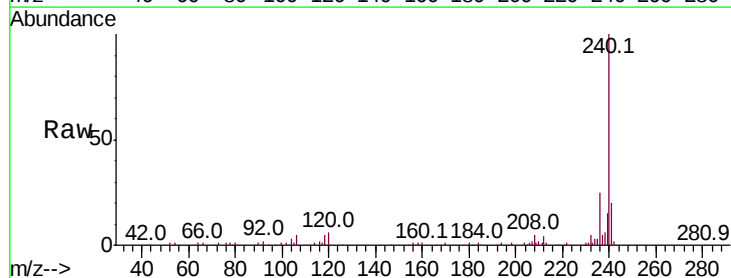
Tgt Ion:240 Resp: 117127

Ion Ratio Lower Upper

240 100

120 6.0 4.3 6.5

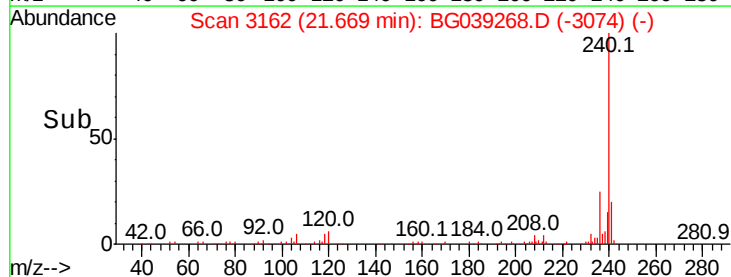
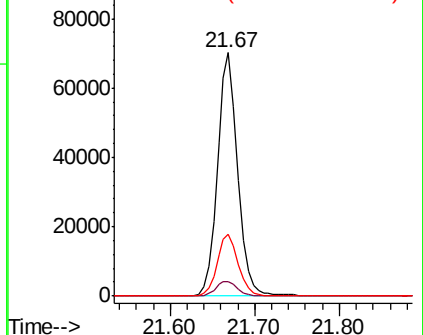
236 25.5 20.1 30.1

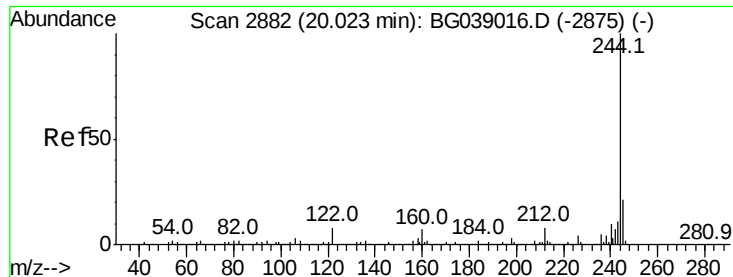


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.673 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

RT-1495

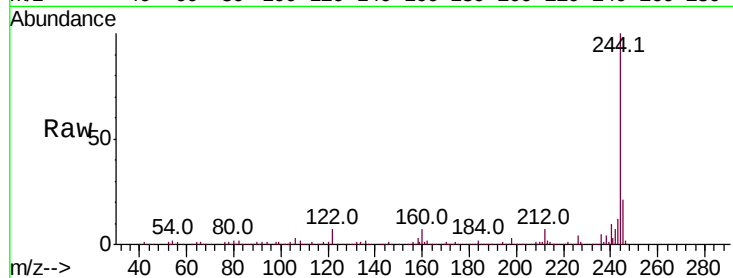
Tot Ion:244 Resp: 523451

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

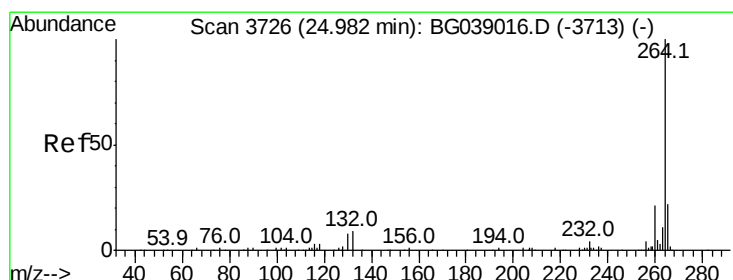
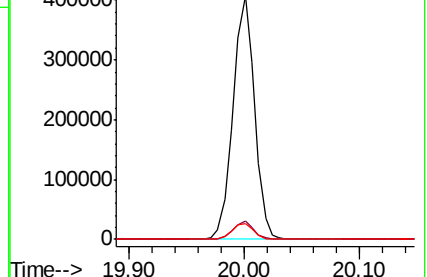
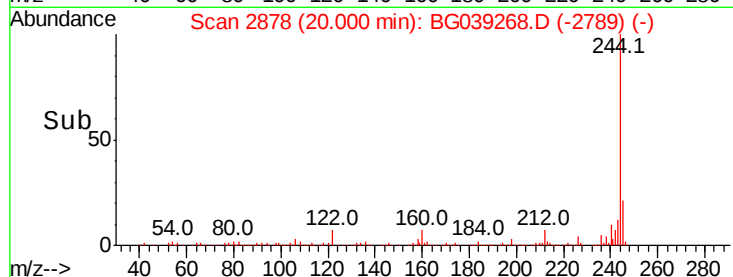
122 6.6 6.1 9.1



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: 24.93 min Scan# 3717

Delta R.T. -0.02 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

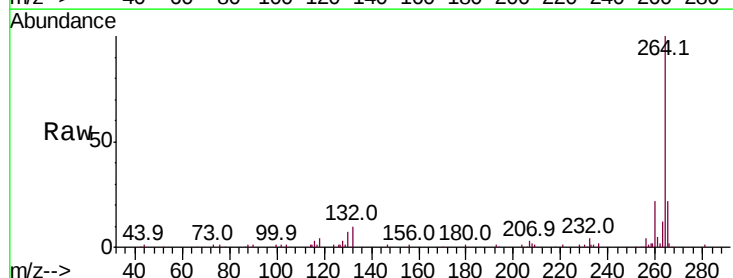
Tgt Ion:264 Resp: 128686

Ion Ratio Lower Upper

264 100

260 22.3 17.0 25.6

265 21.5 17.2 25.8



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

