

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
 Data File : BG039158.D
 Acq On : 16 Jan 2019 15:43
 Operator : JU/SJ
 Sample : K1126-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-3451

Quant Time: Jan 16 16:30:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 14:03:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	18758	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	74032	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	57638	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	198932	20.00	ng	0.00
76) Chrysene-d12	21.68	240	172238	20.00	ng	0.00
87) Perylene-d12	24.95	264	180704	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	151821	153.54	ng	0.00
7) Phenol-d6	7.18	99	195687	137.51	ng	0.00
23) Nitrobenzene-d5	9.19	82	145949	107.88	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	156665	162.15	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	402492	95.57	ng	0.00
79) Terphenyl-d14	20.01	244	893363	95.95	ng	0.00

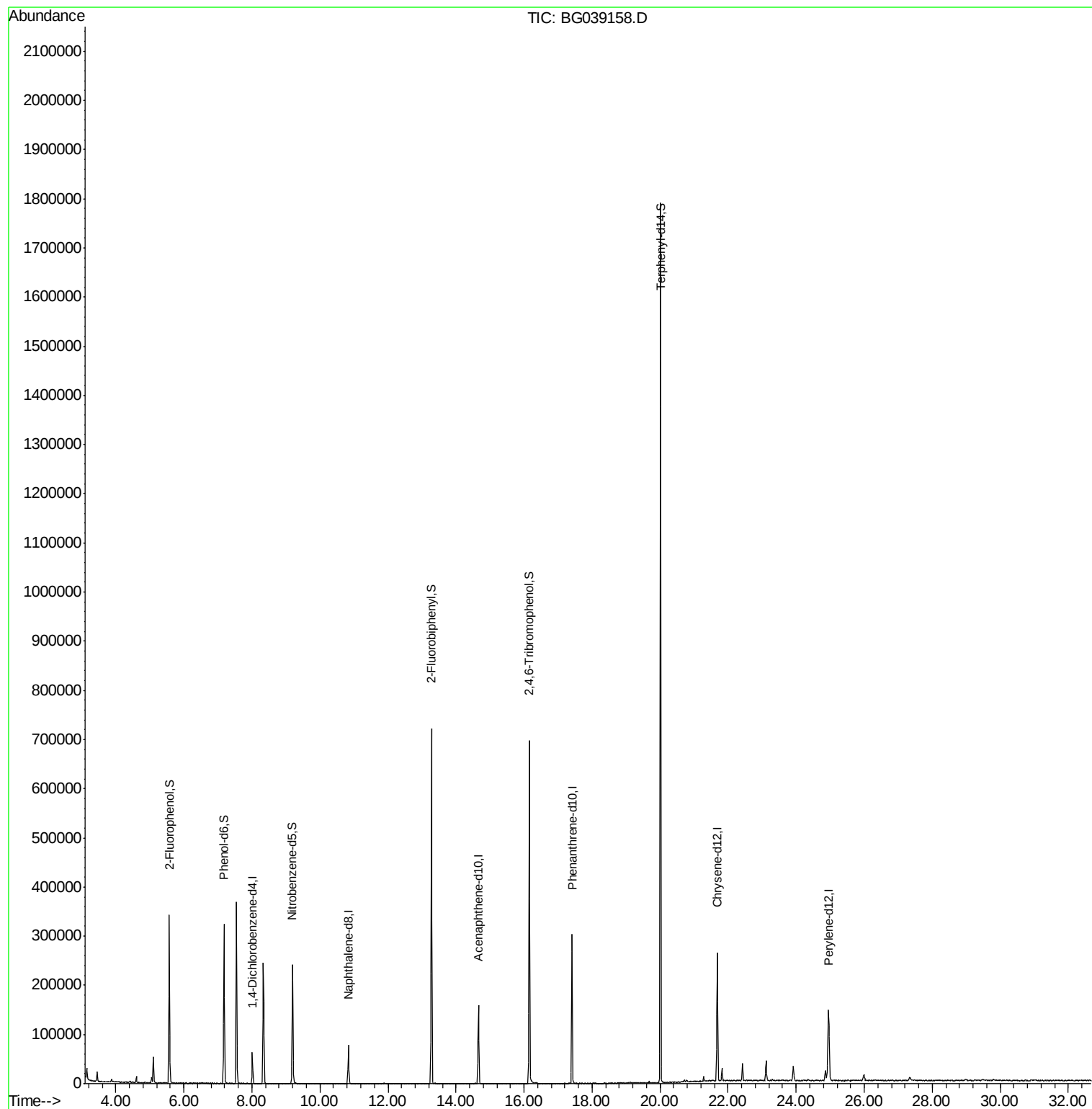
Target Compounds	Qvalue
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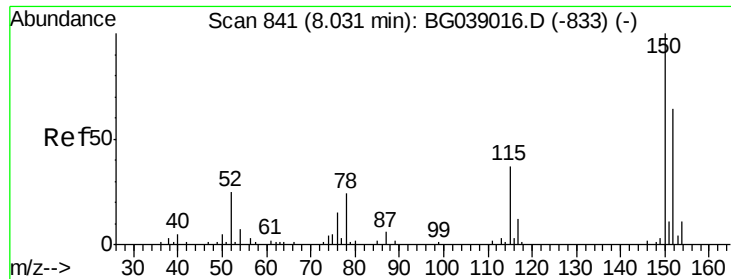
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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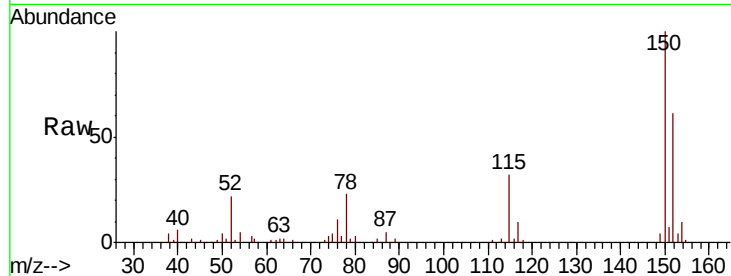




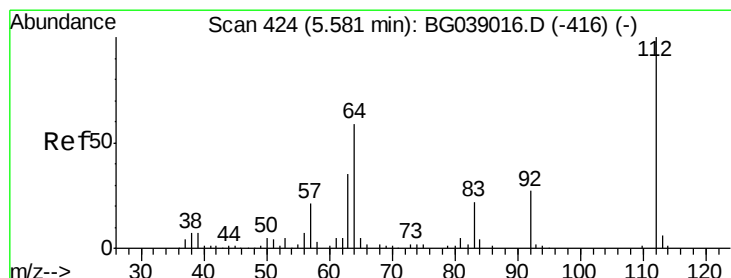
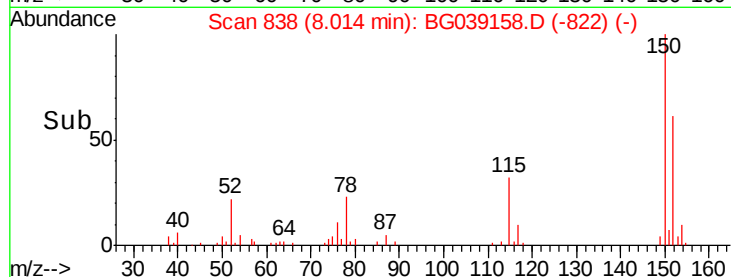
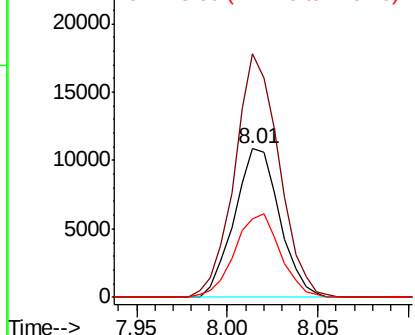
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BG039158.D
 Acq: 16 Jan 2019 15:43

Instrument :
 BNA_G
 ClientSampleId :
 RT-3451

Tot Ion:152 Resp: 18758
 Ion Ratio Lower Upper
 152 100
 150 163.9 124.7 187.1
 115 52.8 46.5 69.7

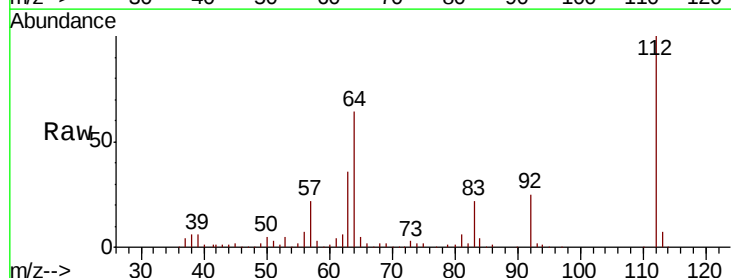


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

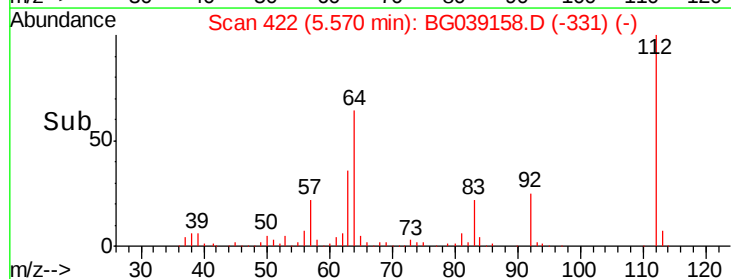
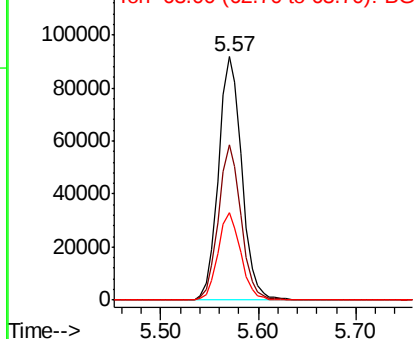


#5
 2-Fluorophenol
 Concen: 153.535 ng
 RT: 5.57 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BG039158.D
 Acq: 16 Jan 2019 15:43

Tgt Ion:112 Resp: 151821
 Ion Ratio Lower Upper
 112 100
 64 63.7 47.0 70.6
 63 36.0 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: 137.511 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039158.D

Acq: 16 Jan 2019 15:43

Instrument :

BNA_G

ClientSampleId :

RT-3451

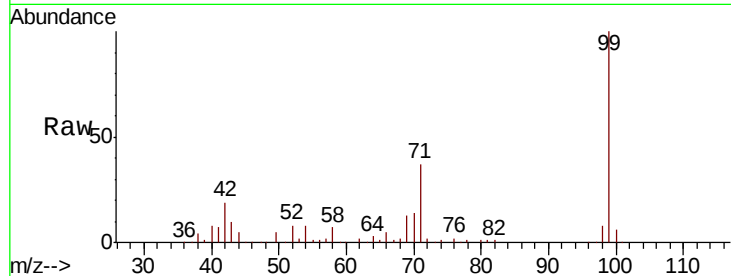
Tot Ion: 99 Resp: 195687

Ion Ratio Lower Upper

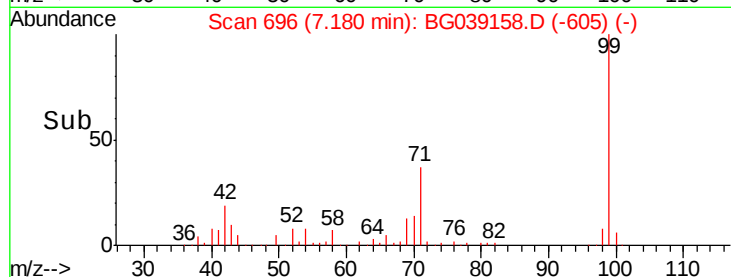
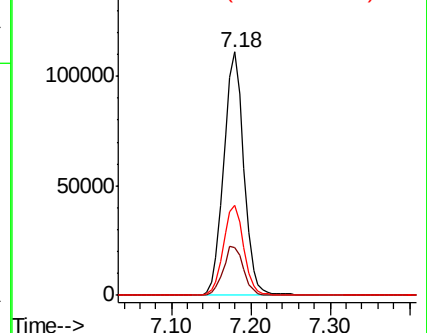
99 100

42 19.4 15.8 23.6

71 37.1 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: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG039158.D

Acq: 16 Jan 2019 15:43

Tgt Ion: 136 Resp: 74032

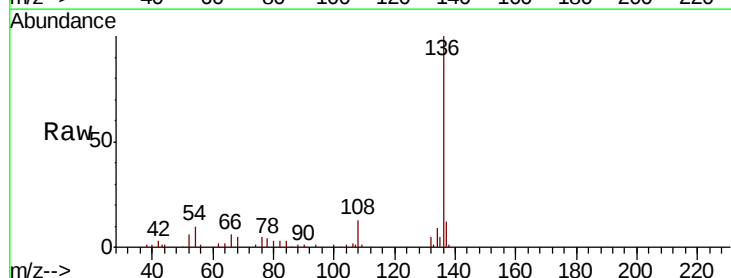
Ion Ratio Lower Upper

136 100

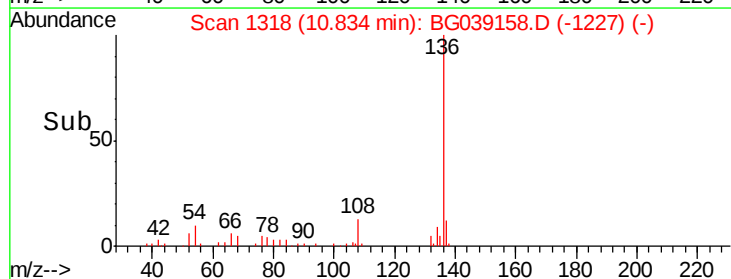
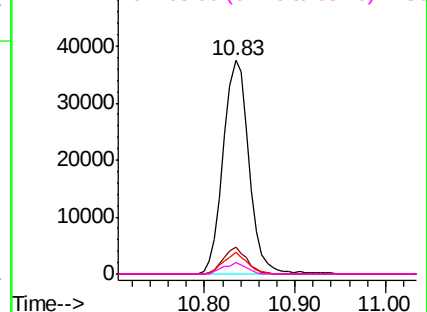
137 12.3 9.4 14.2

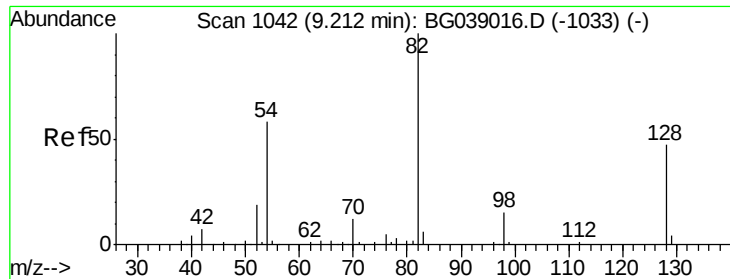
54 10.1 7.2 10.8

68 5.2 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

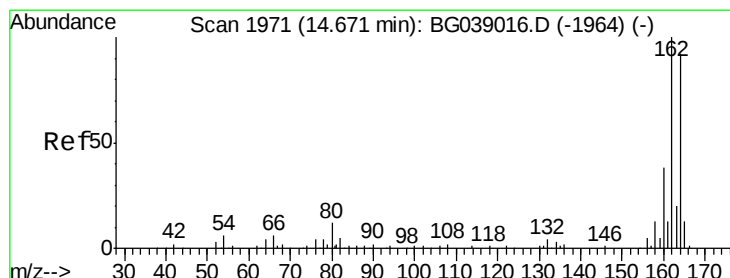
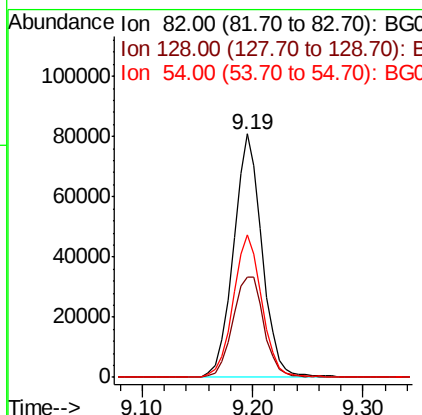
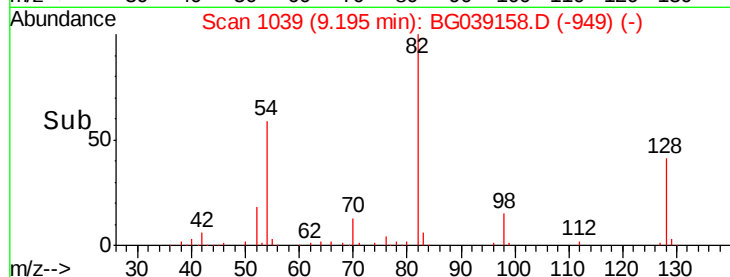
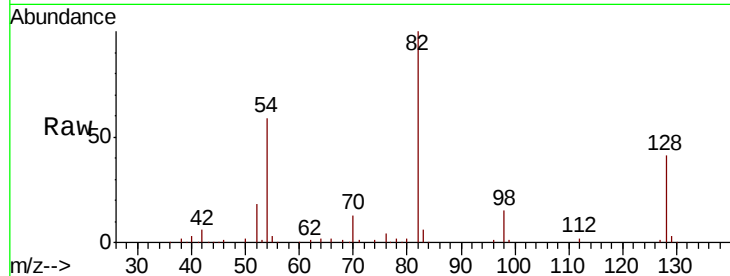




#23
Nitrobenzene-d5
Concen: 107.876 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG039158.D
Acq: 16 Jan 2019 15:43

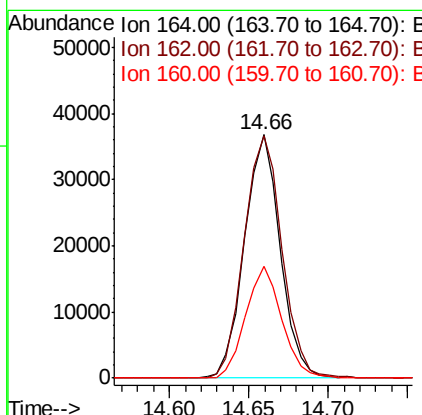
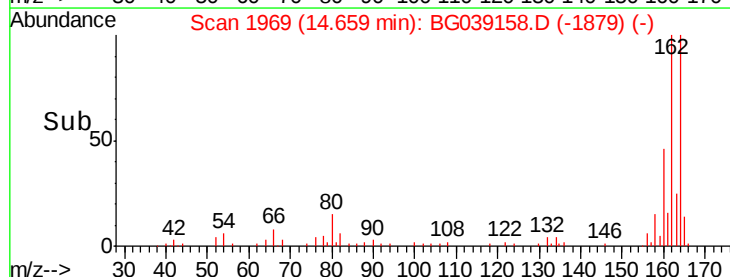
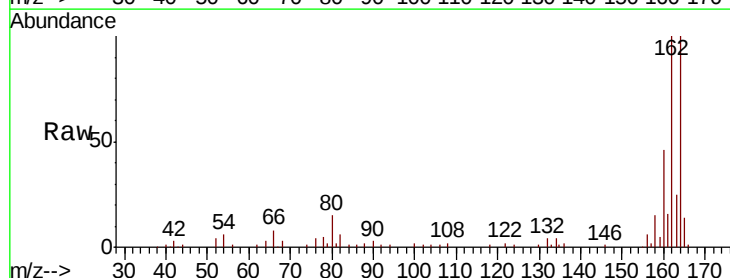
Instrument :
BNA_G
ClientSampled :
RT-3451

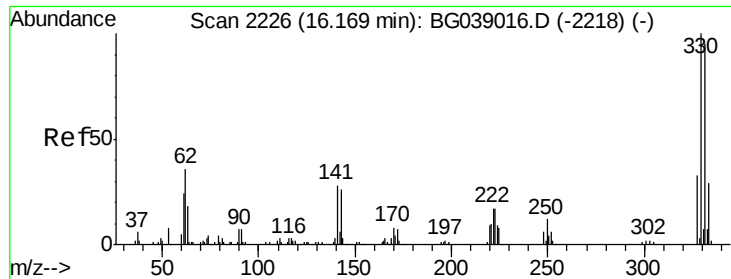
Tot Ion: 82 Resp: 145949
Ion Ratio Lower Upper
82 100
128 41.3 37.3 55.9
54 58.8 46.4 69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG039158.D
Acq: 16 Jan 2019 15:43

Tgt Ion:164 Resp: 57638
Ion Ratio Lower Upper
164 100
162 99.8 87.2 130.8
160 46.0 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 162.150 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG039158.D

Acq: 16 Jan 2019 15:43

Instrument :

BNA_G

ClientSampleId :

RT-3451

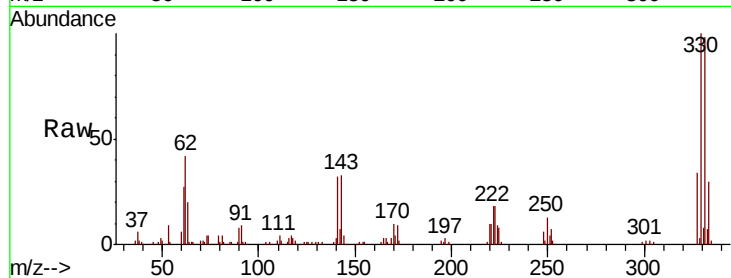
Tot Ion:330 Resp: 156665

Ion Ratio Lower Upper

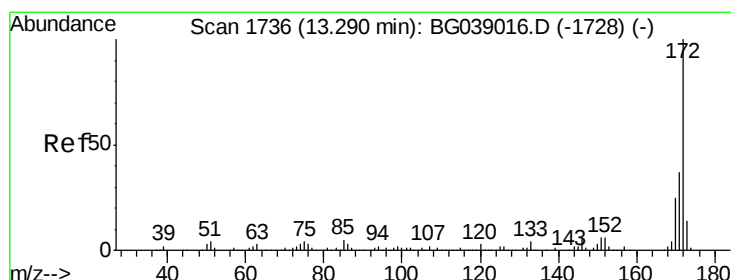
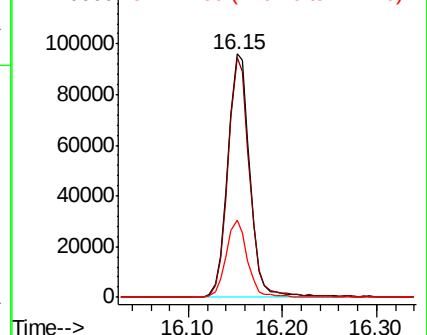
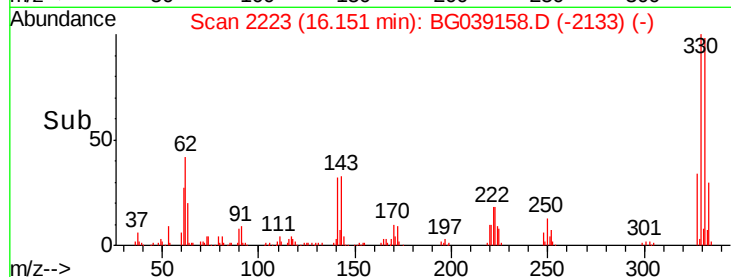
330 100

332 97.1 75.7 113.5

141 30.9 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: 95.568 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG039158.D

Acq: 16 Jan 2019 15:43

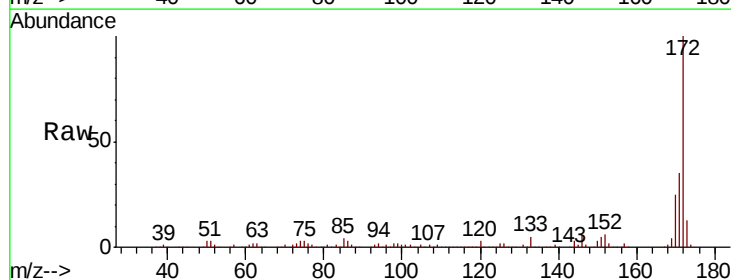
Tgt Ion:172 Resp: 402492

Ion Ratio Lower Upper

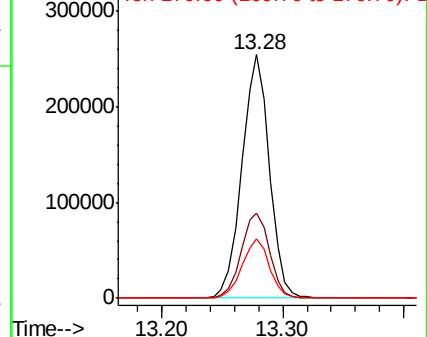
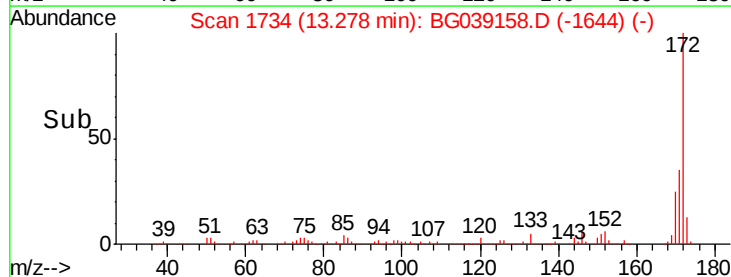
172 100

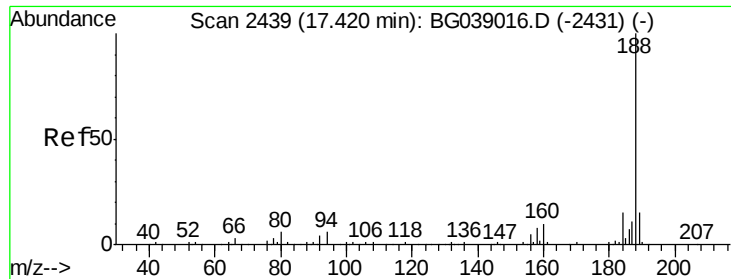
171 35.1 29.4 44.0

170 24.5 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: 17.41 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BG039158.D

Acq: 16 Jan 2019 15:43

Instrument :

BNA_G

ClientSampleId :

RT-3451

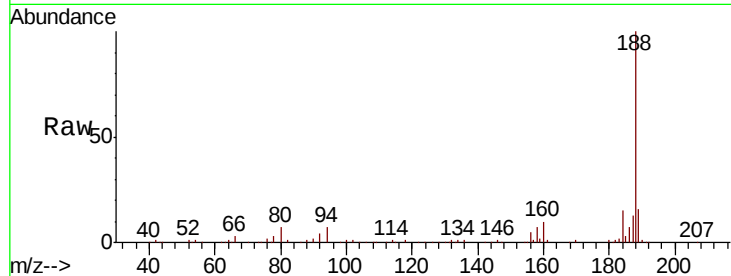
Tot Ion:188 Resp: 198932

Ion Ratio Lower Upper

188 100

94 6.9 5.0 7.4

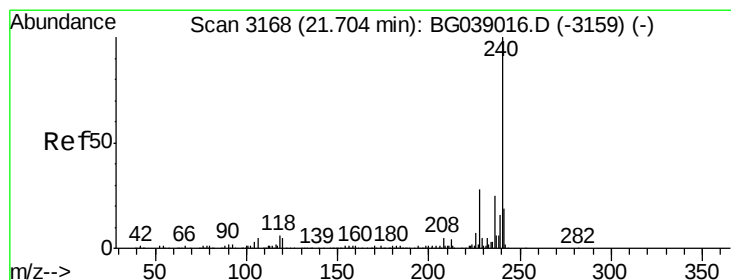
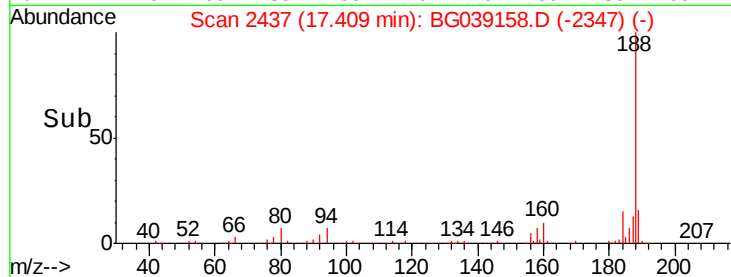
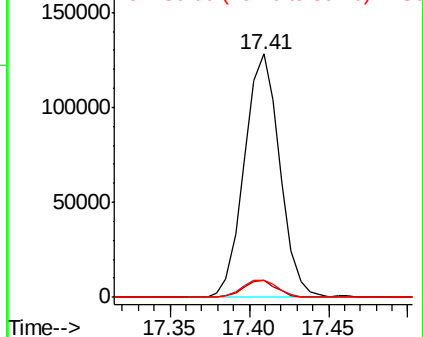
80 6.9 4.7 7.1



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: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG039158.D

Acq: 16 Jan 2019 15:43

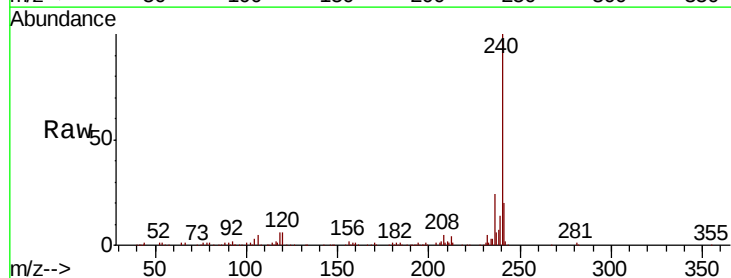
Tgt Ion:240 Resp: 172238

Ion Ratio Lower Upper

240 100

120 6.0 4.3 6.5

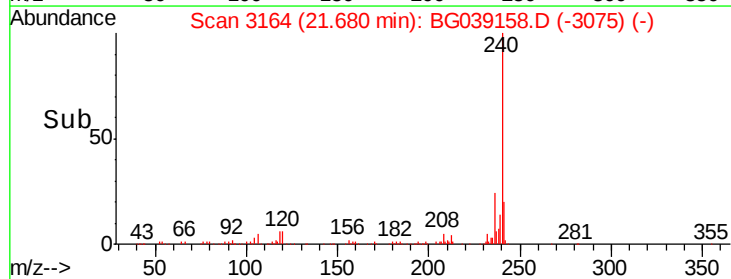
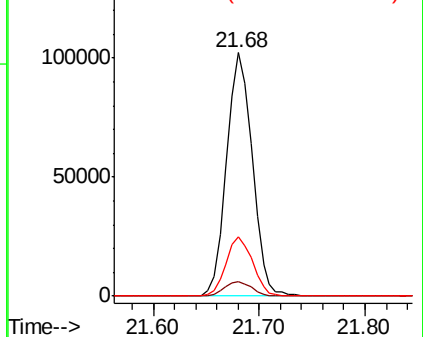
236 24.5 20.1 30.1

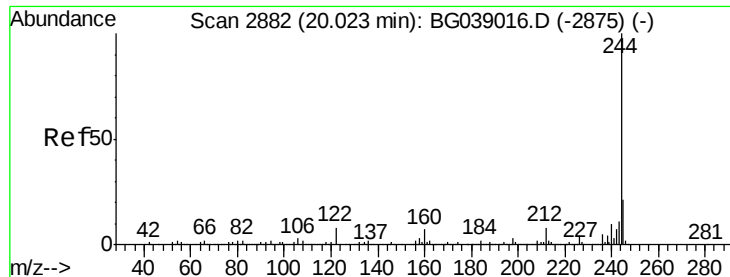


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.950 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG039158.D

Acq: 16 Jan 2019 15:43

Instrument :

BNA_G

ClientSampleId :

RT-3451

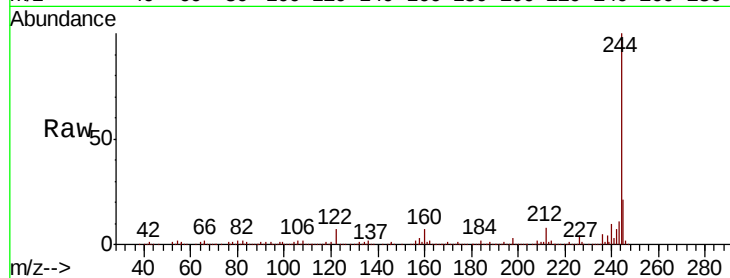
Tot Ion:244 Resp: 893363

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

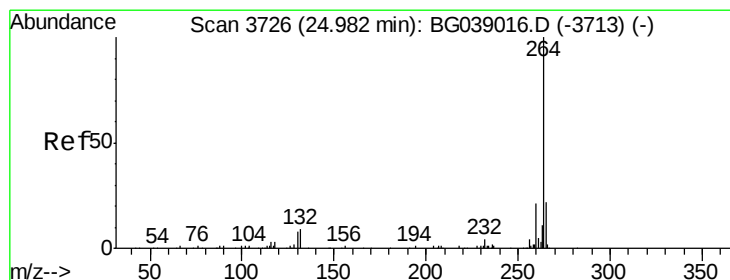
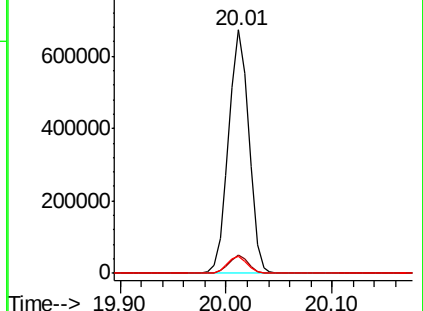
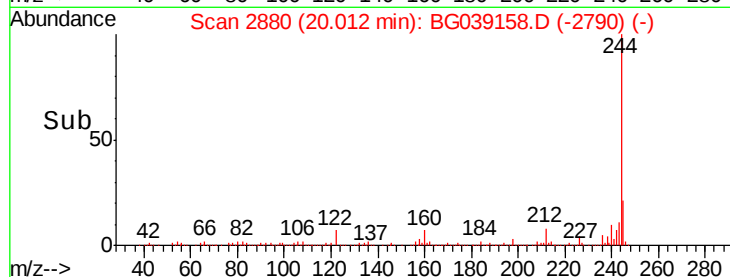
122 7.0 6.1 9.1



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: 24.95 min Scan# 3721

Delta R.T. -0.00 min

Lab File: BG039158.D

Acq: 16 Jan 2019 15:43

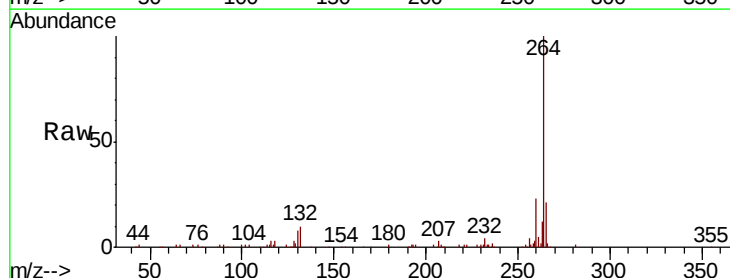
Tgt Ion:264 Resp: 180704

Ion Ratio Lower Upper

264 100

260 22.6 17.0 25.6

265 21.0 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

