

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
 Data File : BG039151.D
 Acq On : 16 Jan 2019 7:37
 Operator : JU/SJ
 Sample : K1015-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-011119-A

Quant Time: Jan 16 08:16:20 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 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	7404	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	40691	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	36902	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	154056	20.00	ng	0.00
76) Chrysene-d12	21.69	240	187413	20.00	ng	-0.01
87) Perylene-d12	24.97	264	176856	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	76768	196.69	ng	0.00
7) Phenol-d6	7.18	99	96783	172.30	ng	0.00
23) Nitrobenzene-d5	9.20	82	69962	94.08	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	128194	207.24	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	249236	92.43	ng	0.00
79) Terphenyl-d14	20.02	244	1097992	108.38	ng	0.00

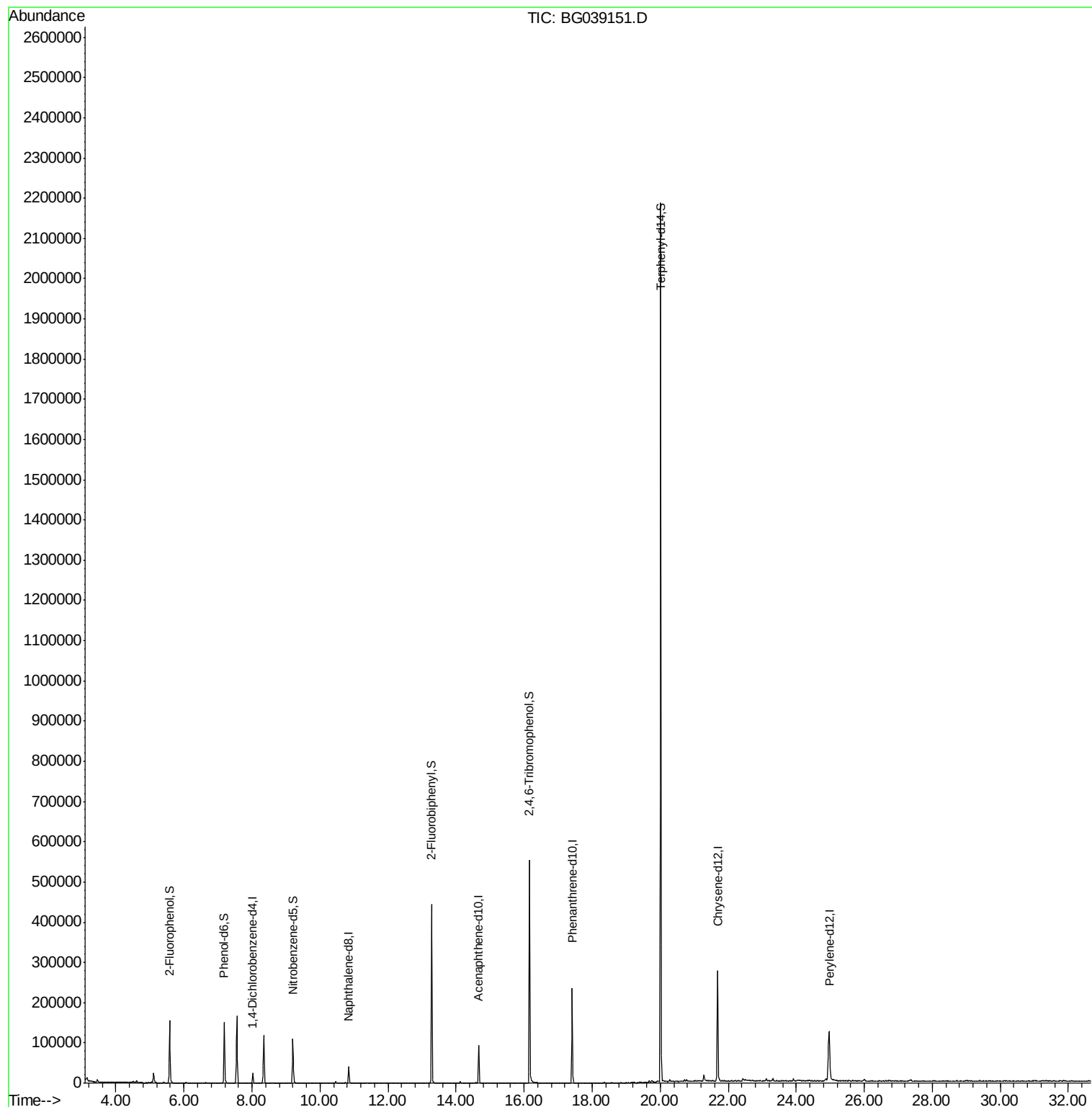
Target Compounds Qvalue

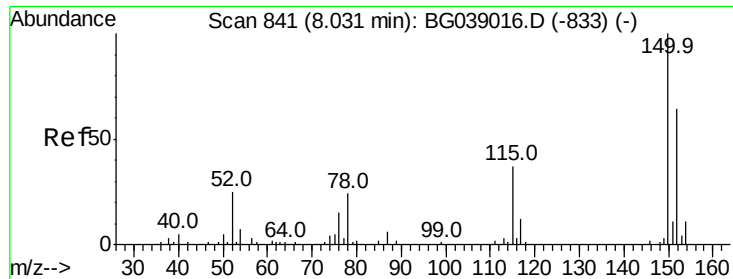
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.01 min

Lab File: BG039151.D

Acq: 16 Jan 2019 7:37

Instrument :

BNA_G

ClientSampleId :

SU-02-011119-A

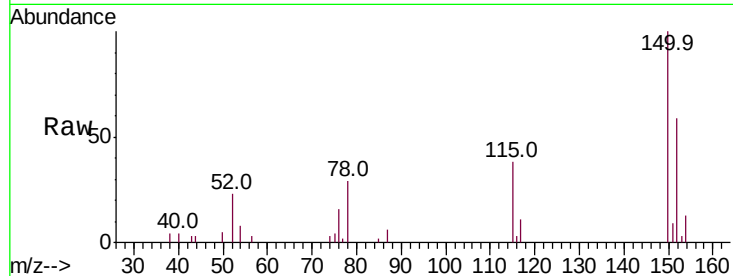
Tot Ion:152 Resp: 7404

Ion Ratio Lower Upper

152 100

150 170.2 124.7 187.1

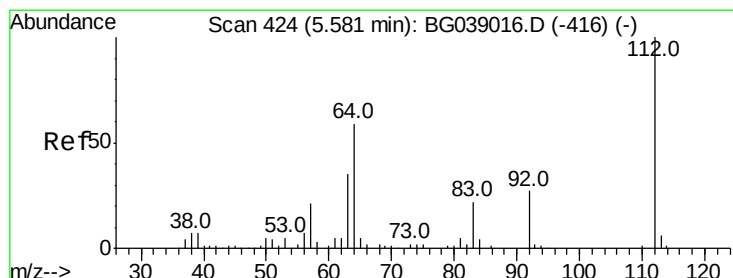
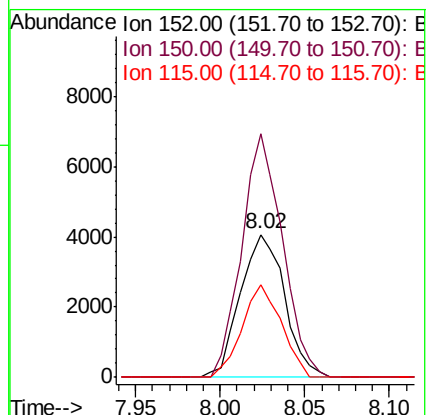
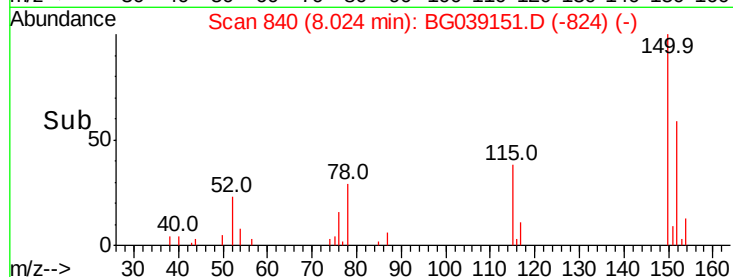
115 64.7 46.5 69.7



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: 196.688 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039151.D

Acq: 16 Jan 2019 7:37

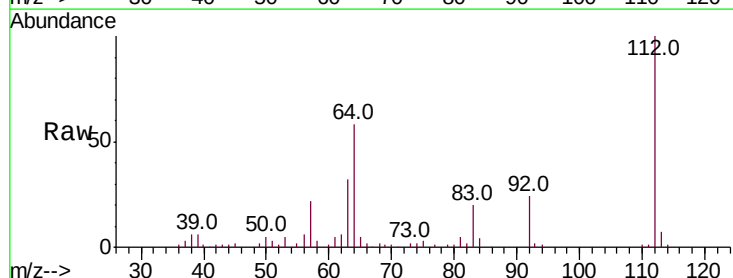
Tgt Ion:112 Resp: 76768

Ion Ratio Lower Upper

112 100

64 57.6 47.0 70.6

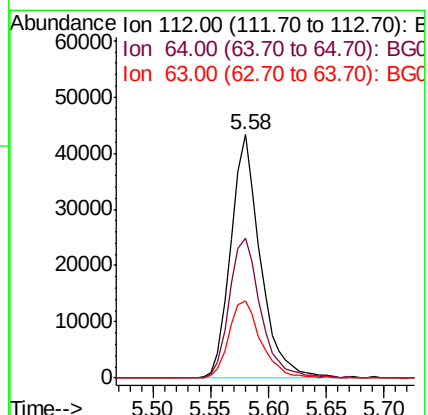
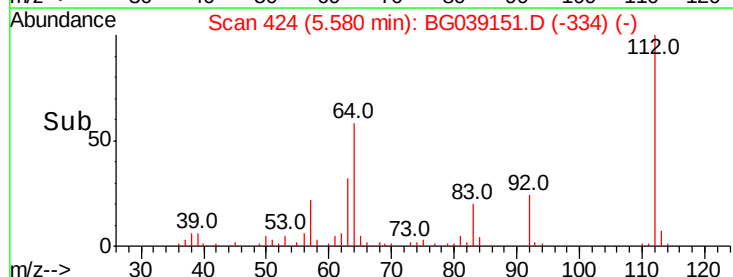
63 31.9 28.0 42.0

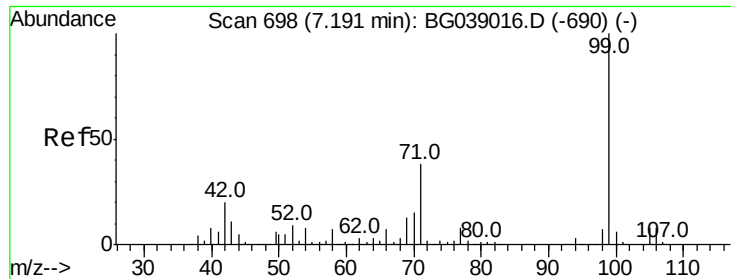


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 172.304 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039151.D

Acq: 16 Jan 2019 7:37

Instrument :

BNA_G

ClientSampleId :

SU-02-011119-A

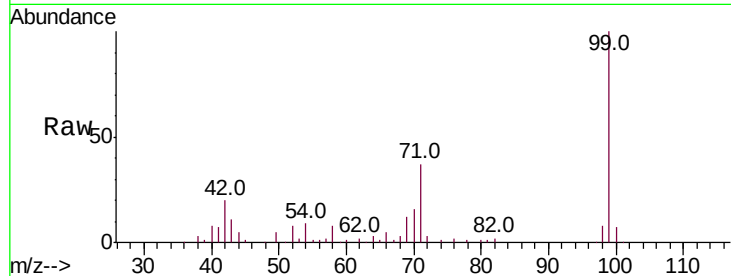
Tot Ion: 99 Resp: 96783

Ion Ratio Lower Upper

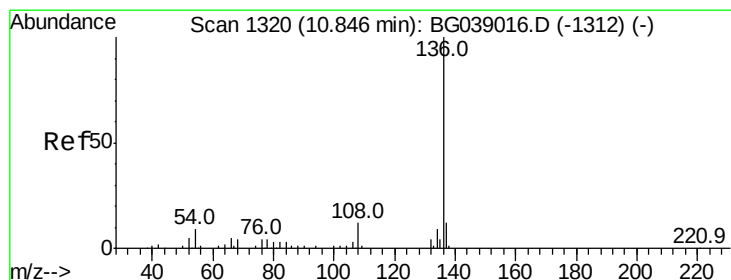
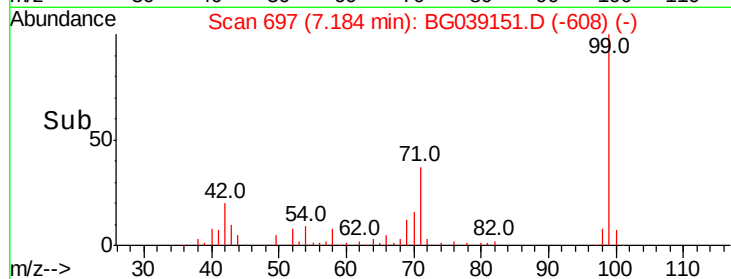
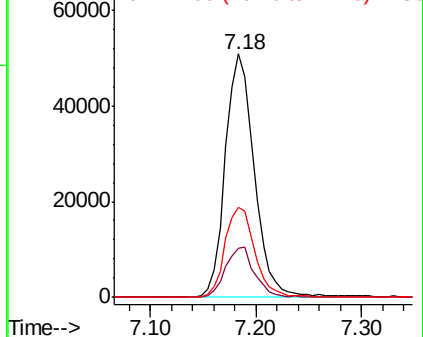
99 100

42 20.4 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: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039151.D

Acq: 16 Jan 2019 7:37

Tgt Ion: 136 Resp: 40691

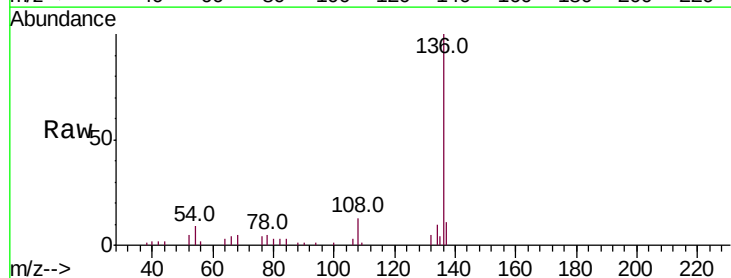
Ion Ratio Lower Upper

136 100

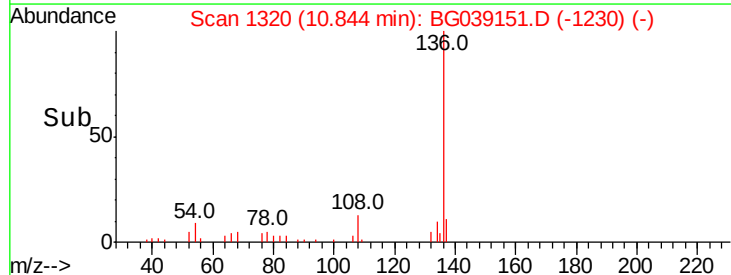
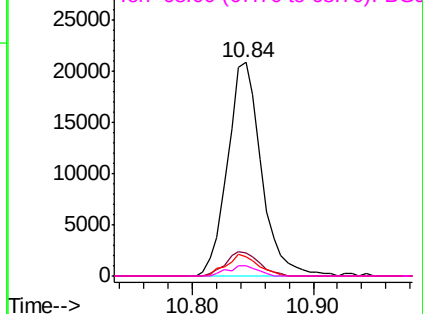
137 10.9 9.4 14.2

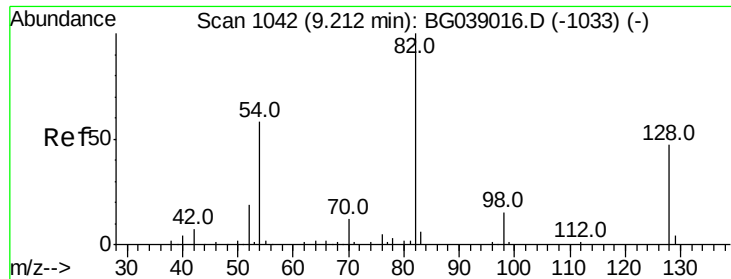
54 8.8 7.2 10.8

68 4.5 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: 94.082 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG039151.D

Acq: 16 Jan 2019 7:37

Instrument :

BNA_G

ClientSampleId :

SU-02-011119-A

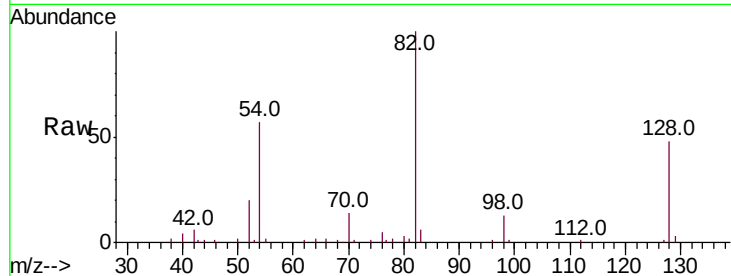
Tot Ion: 82 Resp: 69962

Ion Ratio Lower Upper

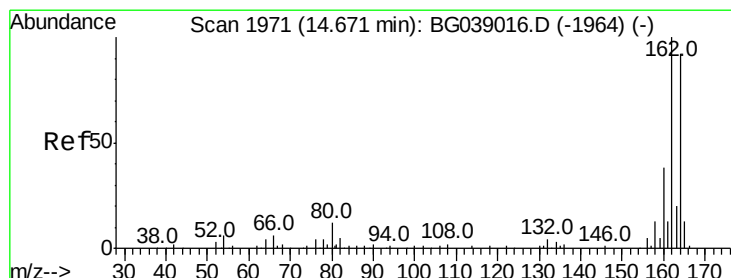
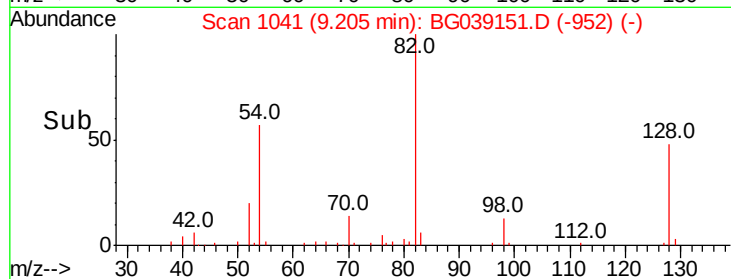
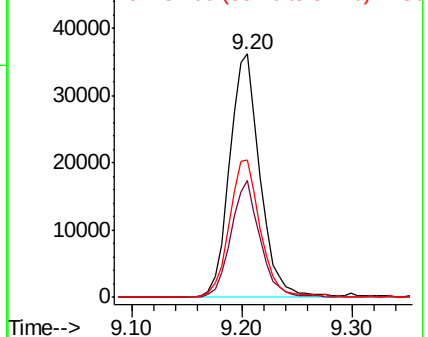
82 100

128 48.2 37.3 55.9

54 56.6 46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG039151.D

Acq: 16 Jan 2019 7:37

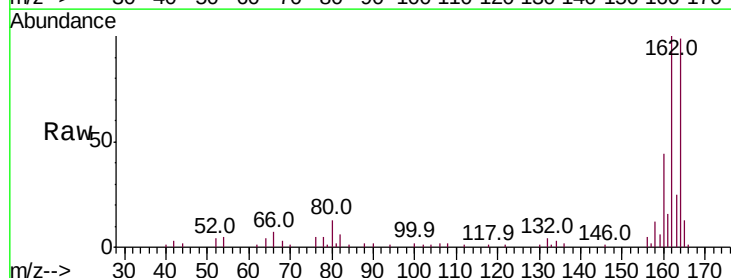
Tgt Ion: 164 Resp: 36902

Ion Ratio Lower Upper

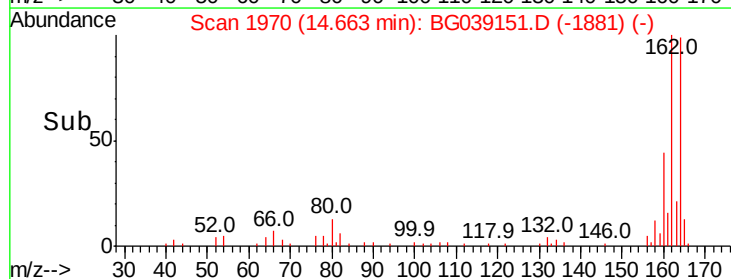
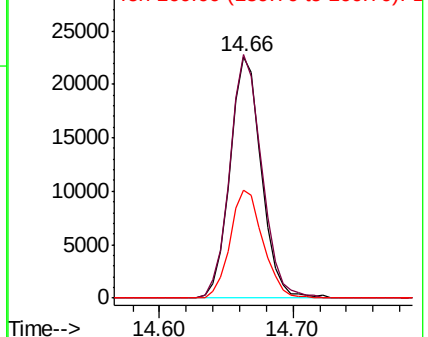
164 100

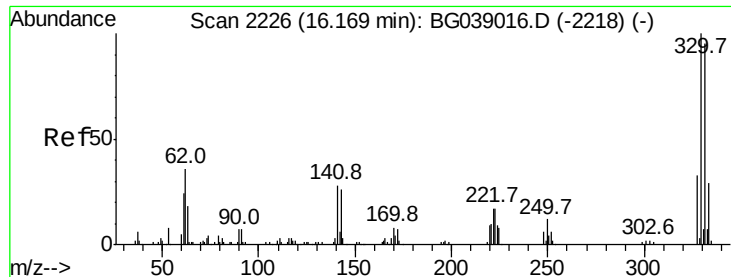
162 100.9 87.2 130.8

160 44.6 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

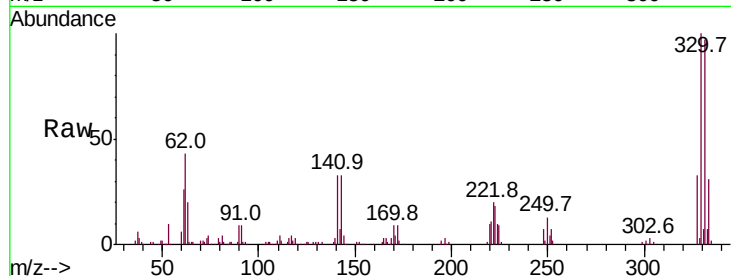




#42
 2,4,6-Tribromophenol
 Concen: 207.239 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG039151.D
 Acq: 16 Jan 2019 7:37

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-011119-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	75.7	113.5
141	30.7	24.9	37.3

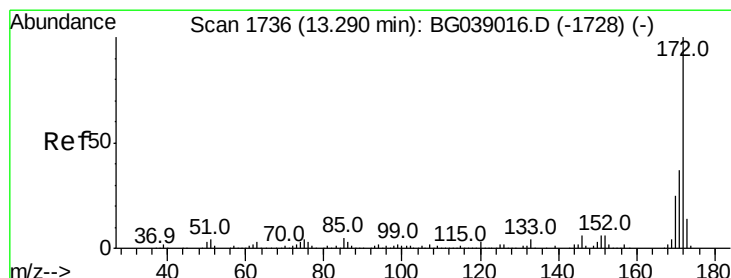
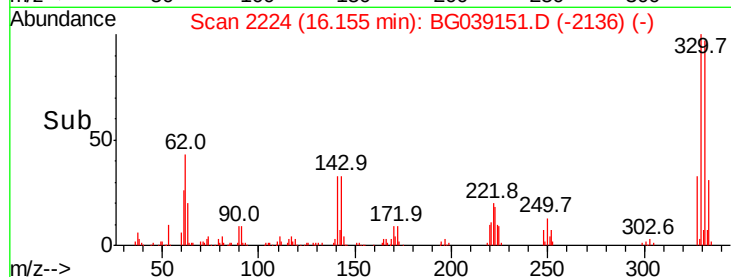
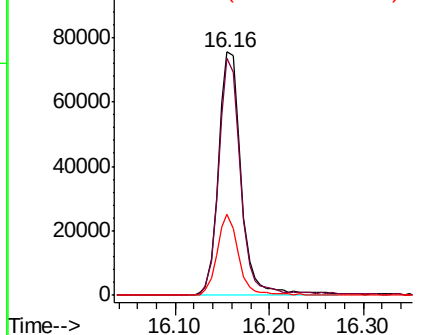


Abundance

Ion 329.80 (329.50 to 330.50): E

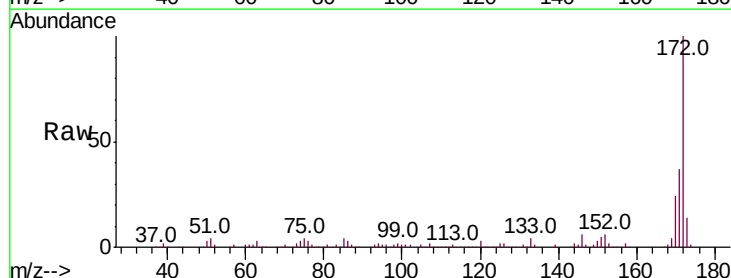
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.433 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG039151.D
 Acq: 16 Jan 2019 7:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	23.6	20.1	30.1

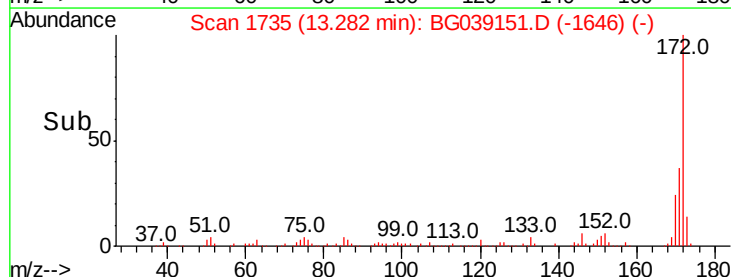
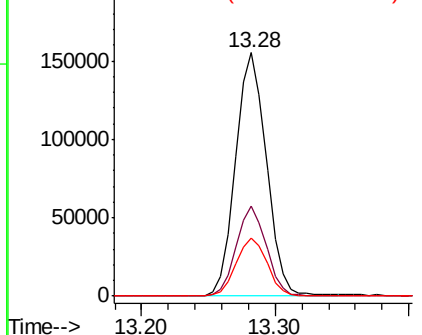


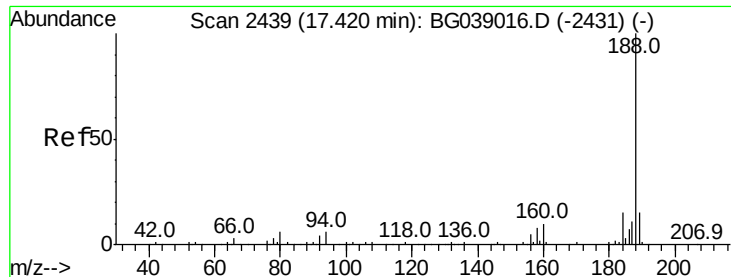
Abundance

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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG039151.D

Acq: 16 Jan 2019 7:37

Instrument :

BNA_G

ClientSampleId :

SU-02-011119-A

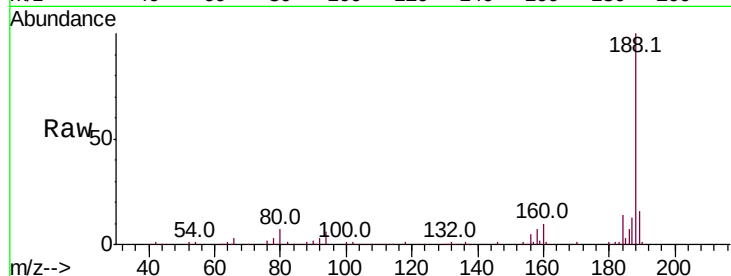
Tot Ion:188 Resp: 154056

Ion Ratio Lower Upper

188 100

94 6.2 5.0 7.4

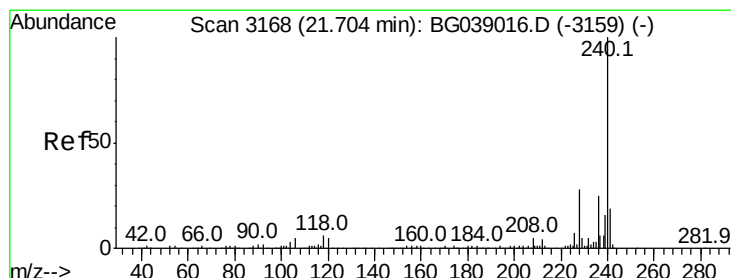
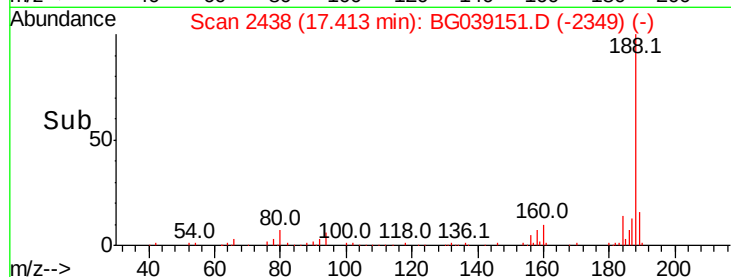
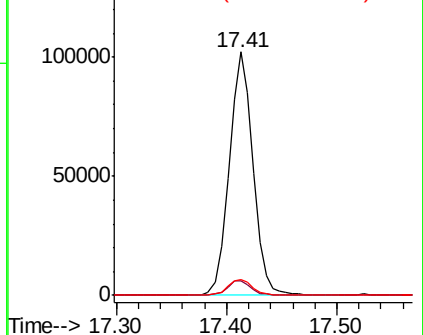
80 6.6 4.7 7.1



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039151.D

Acq: 16 Jan 2019 7:37

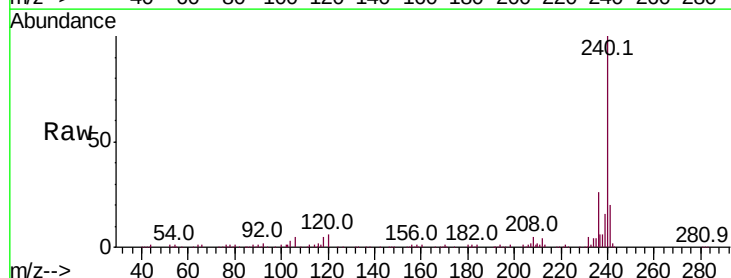
Tgt Ion:240 Resp: 187413

Ion Ratio Lower Upper

240 100

120 6.1 4.3 6.5

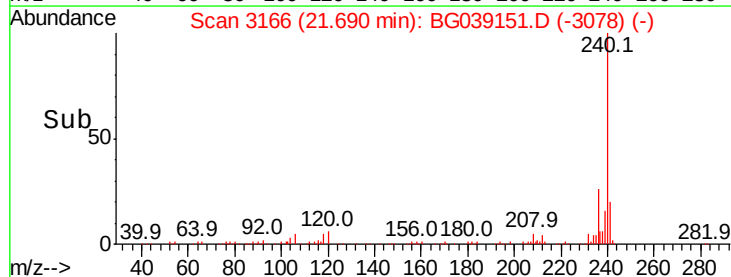
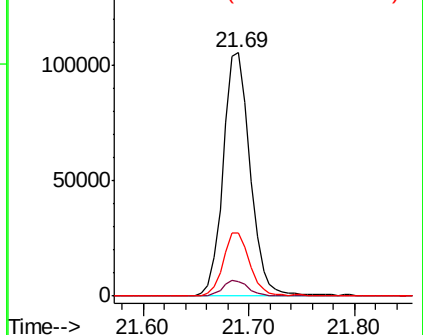
236 25.7 20.1 30.1

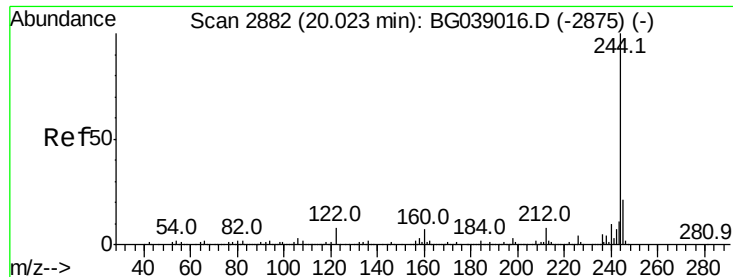


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 108.379 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039151.D

Acq: 16 Jan 2019 7:37

Instrument :

BNA_G

ClientSampleId :

SU-02-011119-A

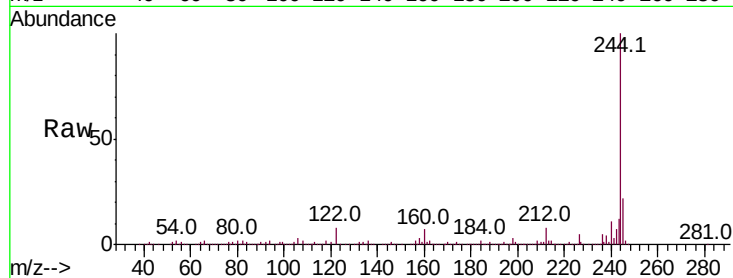
Tot Ion:244 Resp: 1097992

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.1	9.1
122	7.8	6.1	9.1

244 100

212 8.3 6.1 9.1

122 7.8 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

1000000

800000

600000

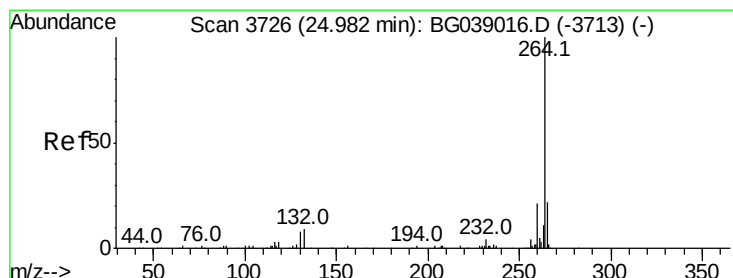
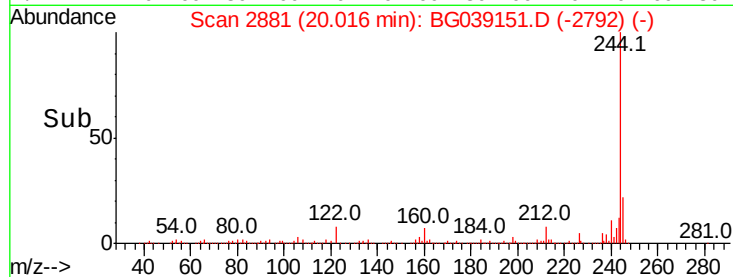
400000

200000

0

20.02

19.90 20.00 20.10



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.01 min

Lab File: BG039151.D

Acq: 16 Jan 2019 7:37

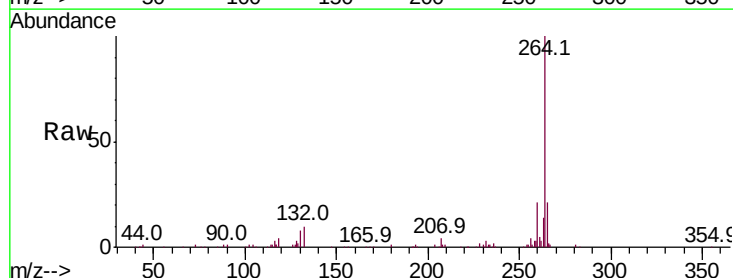
Tgt Ion:264 Resp: 176856

Ion	Ratio	Lower	Upper
264	100		
260	21.1	17.0	25.6
265	21.1	17.2	25.8

264 100

260 21.1 17.0 25.6

265 21.1 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

60000

40000

20000

0

24.97

24.90 25.00 25.10

