

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
 Data File : BG039140.D
 Acq On : 15 Jan 2019 20:30
 Operator : JU/SJ
 Sample : K1139-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-8

Quant Time: Jan 16 01:18:35 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	8.03	152	8625	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	41704	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	40414	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	173787	20.00	ng	0.00
76) Chrysene-d12	21.69	240	174563	20.00	ng	-0.02
87) Perylene-d12	24.97	264	155931	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	77580	170.63	ng	0.00
7) Phenol-d6	7.19	99	120041	183.46	ng	0.00
23) Nitrobenzene-d5	9.20	82	75546	99.12	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	116119	171.41	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	257289	87.13	ng	0.00
79) Terphenyl-d14	20.02	244	1001115	106.09	ng	0.00

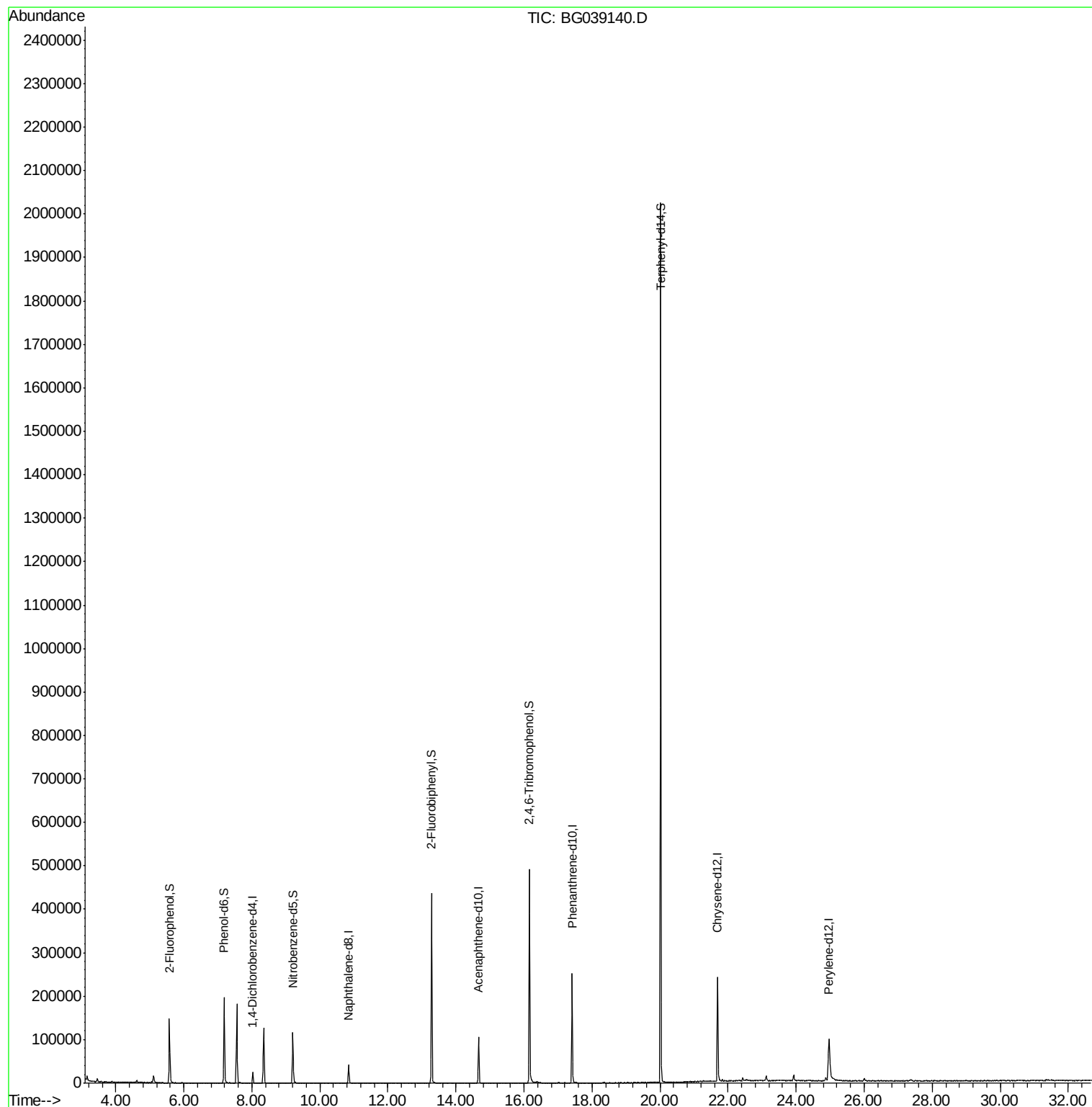
Target Compounds Qvalue

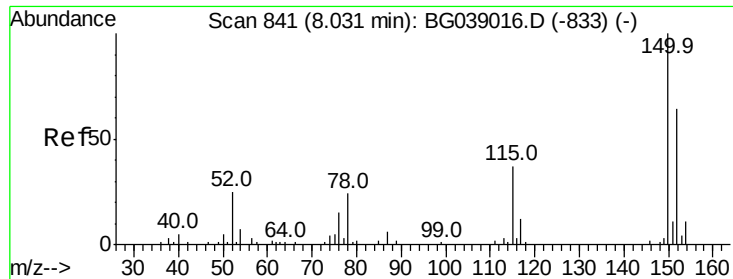
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BG039140.D

Acq: 15 Jan 2019 20:30

Instrument :

BNA_G

ClientSampleId :

S-8

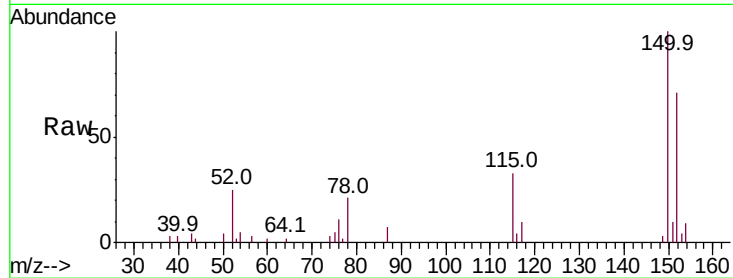
Tot Ion:152 Resp: 8625

Ion Ratio Lower Upper

152 100

150 140.9 124.7 187.1

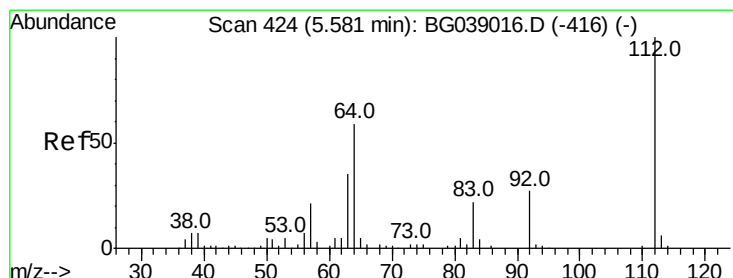
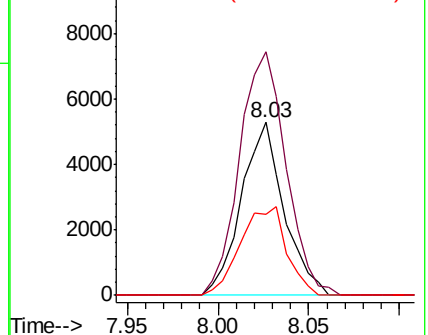
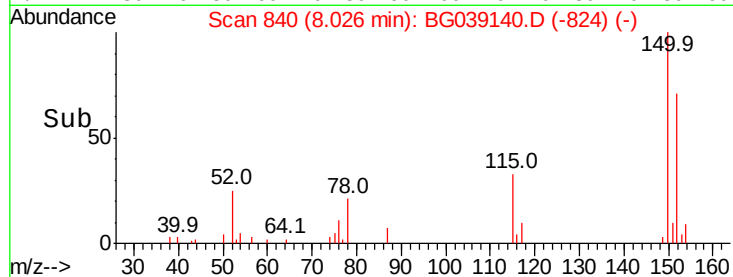
115 47.0 46.5 69.7



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: 170.629 ng

RT: 5.58 min Scan# 423

Delta R.T. -0.01 min

Lab File: BG039140.D

Acq: 15 Jan 2019 20:30

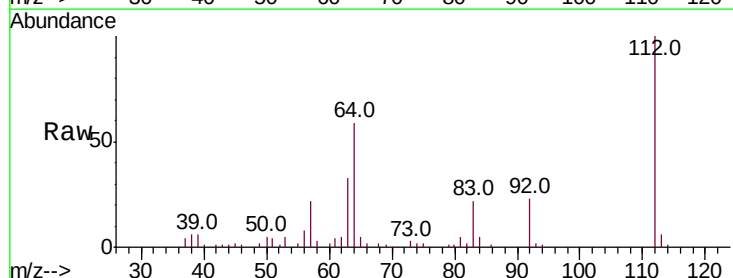
Tgt Ion:112 Resp: 77580

Ion Ratio Lower Upper

112 100

64 59.2 47.0 70.6

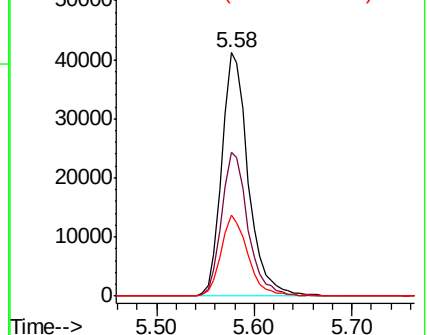
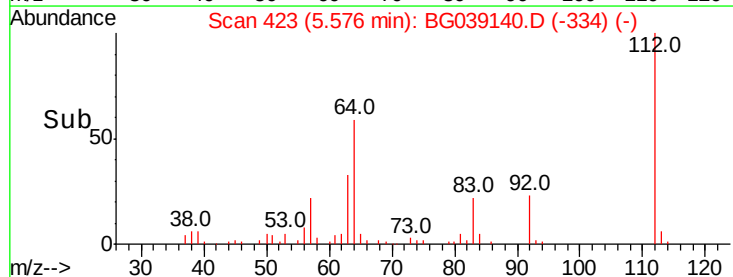
63 33.4 28.0 42.0

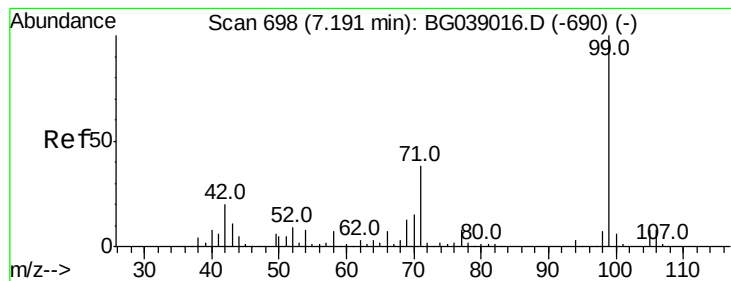


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 183.457 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039140.D

Acq: 15 Jan 2019 20:30

Instrument :

BNA_G

ClientSampleId :

S-8

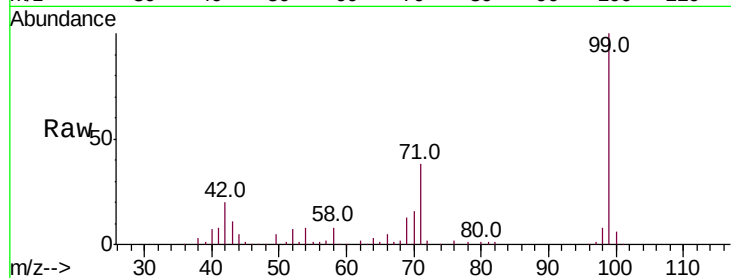
Tot Ion: 99 Resp: 120041

Ion Ratio Lower Upper

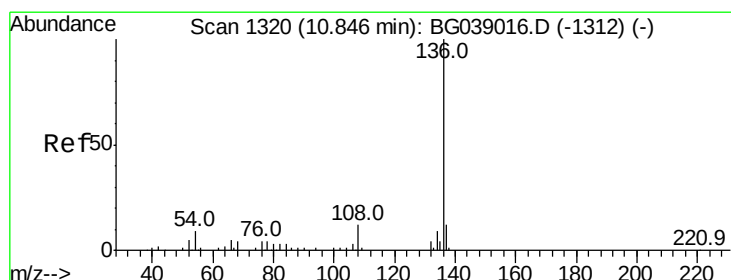
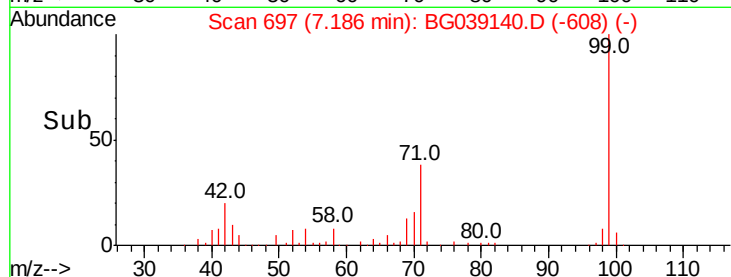
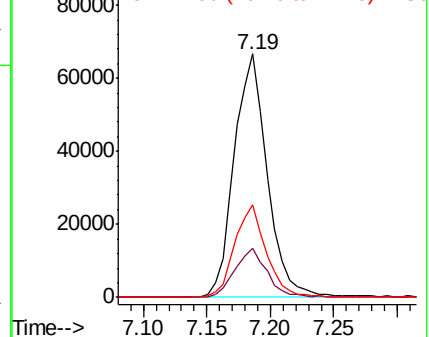
99 100

42 20.1 15.8 23.6

71 38.0 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: 10.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG039140.D

Acq: 15 Jan 2019 20:30

Tgt Ion: 136 Resp: 41704

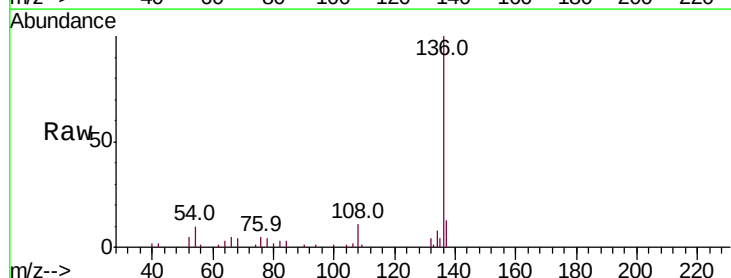
Ion Ratio Lower Upper

136 100

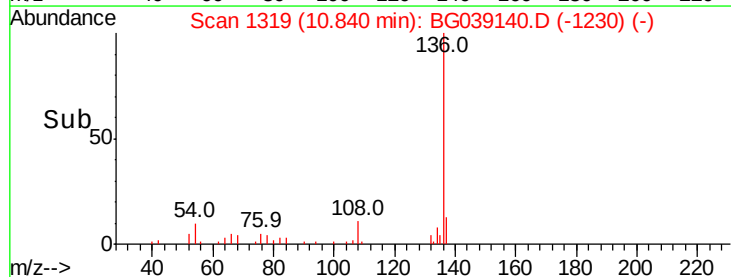
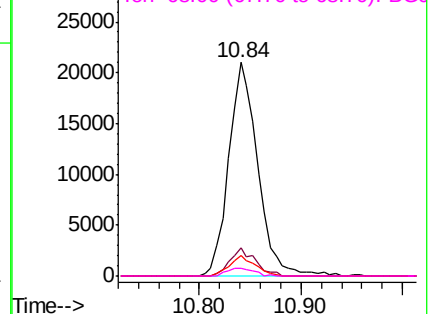
137 13.3 9.4 14.2

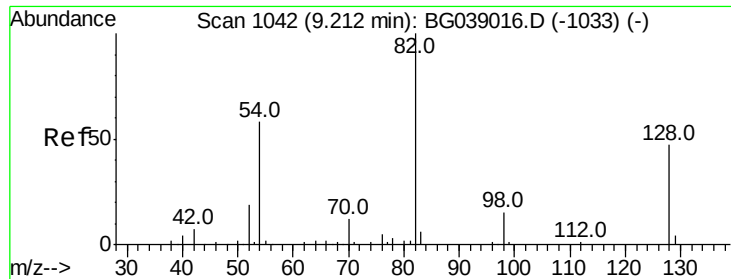
54 9.6 7.2 10.8

68 3.7 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

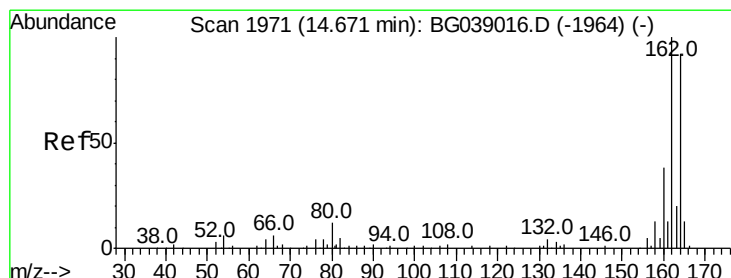
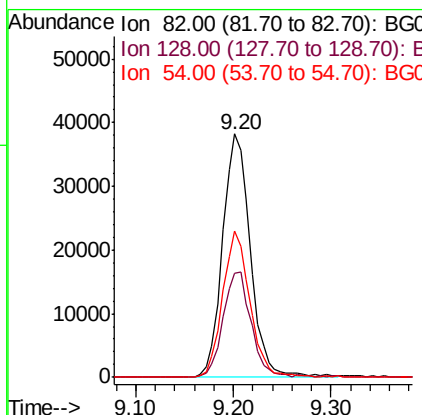
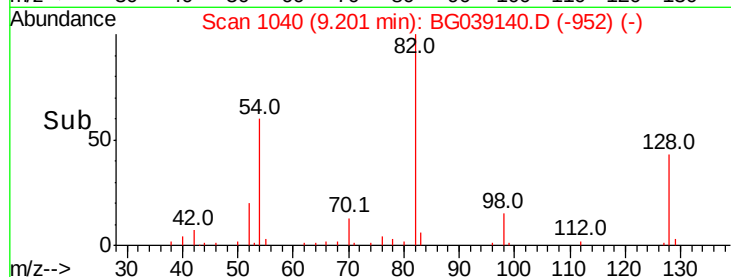
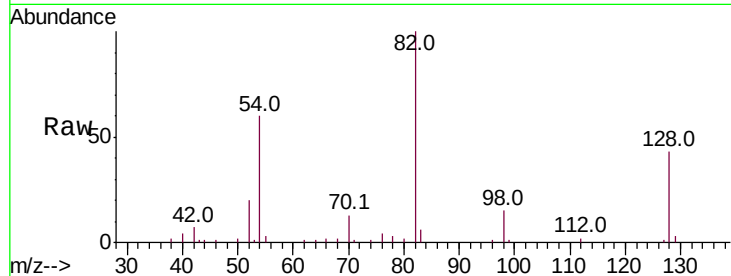




#23
 Nitrobenzene-d5
 Concen: 99.123 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG039140.D
 Acq: 15 Jan 2019 20:30

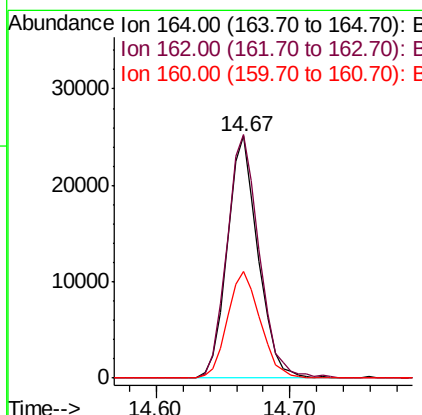
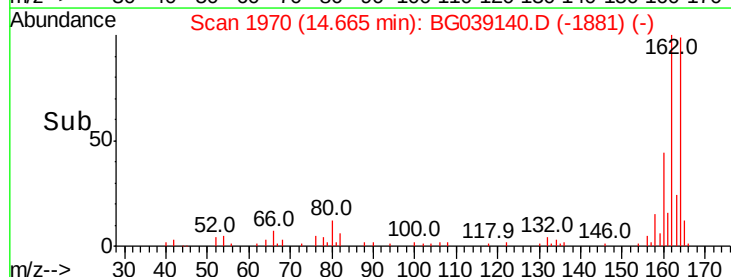
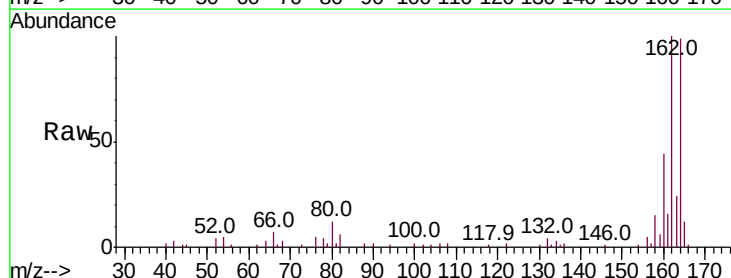
Instrument :
 BNA_G
 ClientSampleId :
 S-8

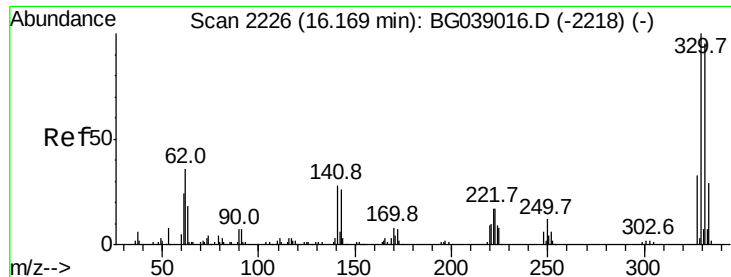
Tot Ion	82	Resp	75546
Ion Ratio	Lower	Upper	
82	100		
128	42.9	37.3	55.9
54	60.1	46.4	69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG039140.D
 Acq: 15 Jan 2019 20:30

Tgt Ion	164	Resp	40414
Ion Ratio	Lower	Upper	
164	100		
162	100.7	87.2	130.8
160	44.0	33.3	49.9

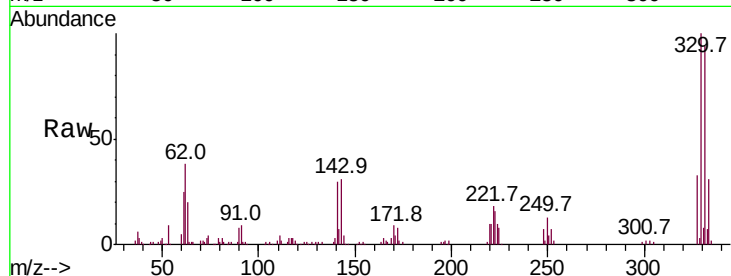




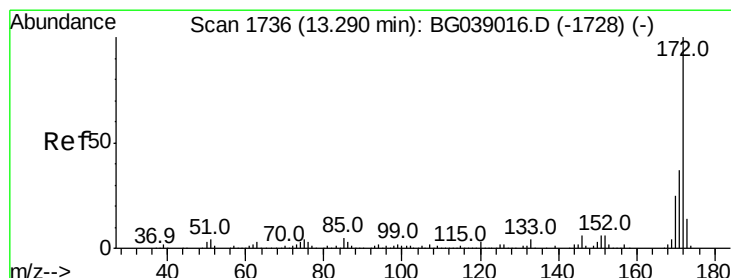
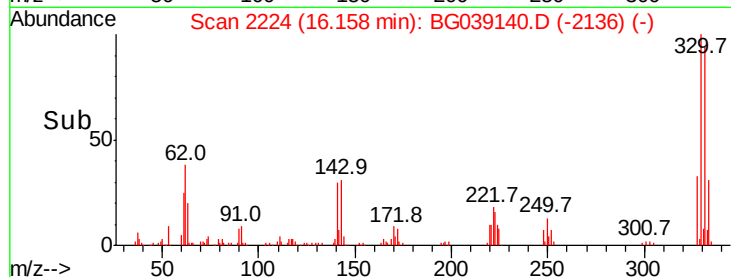
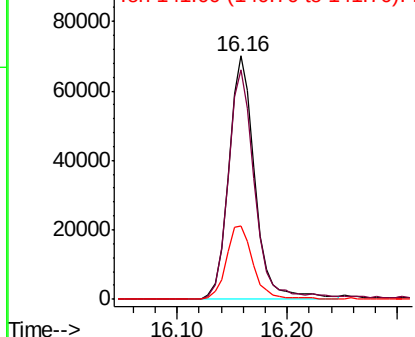
#42
 2,4,6-Tribromophenol
 Concen: 171.406 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG039140.D
 Acq: 15 Jan 2019 20:30

Instrument :
 BNA_G
 ClientSampleId :
 S-8

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	75.7	113.5
141	31.3	24.9	37.3

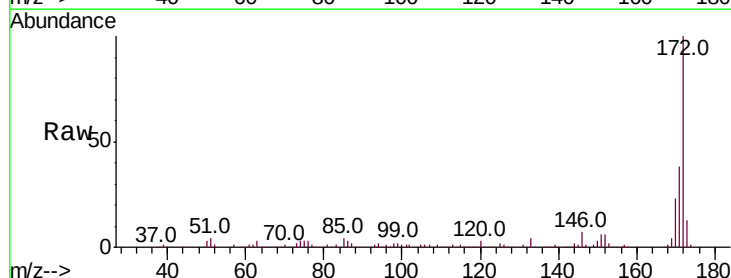


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

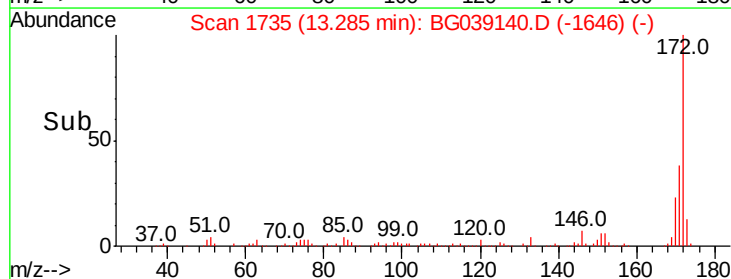
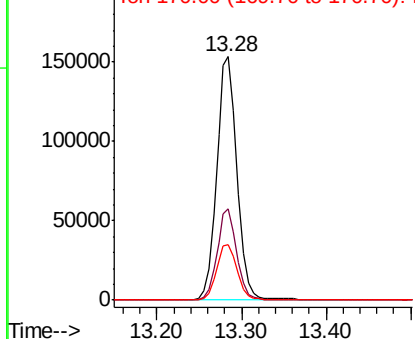


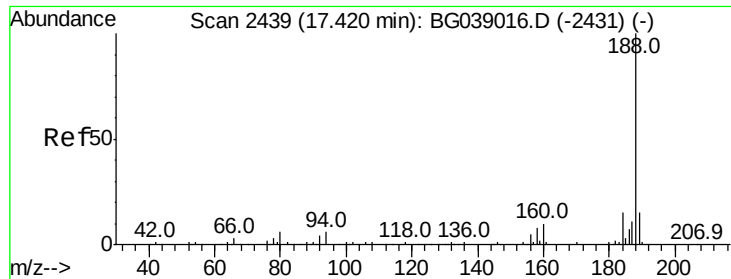
#45
 2-Fluorobiphenyl
 Concen: 87.127 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG039140.D
 Acq: 15 Jan 2019 20:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.4	44.0
170	22.9	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: 17.42 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG039140.D

Acq: 15 Jan 2019 20:30

Instrument :

BNA_G

ClientSampleId :

S-8

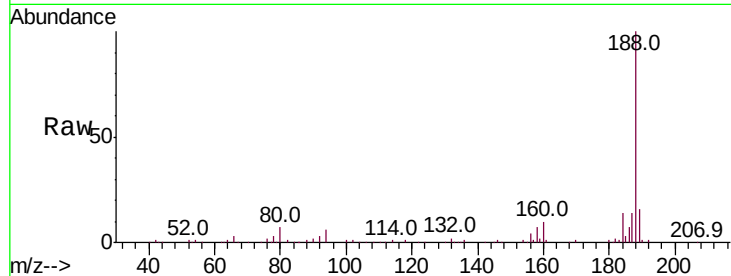
Tot Ion:188 Resp: 173787

Ion Ratio Lower Upper

188 100

94 5.9 5.0 7.4

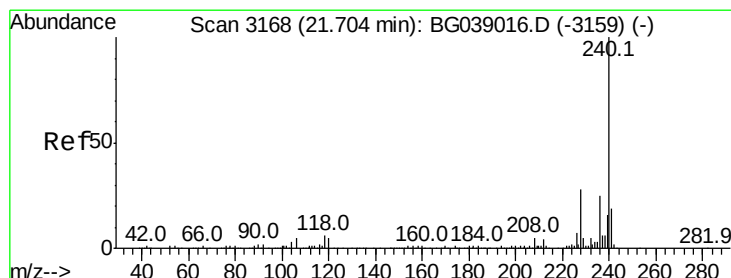
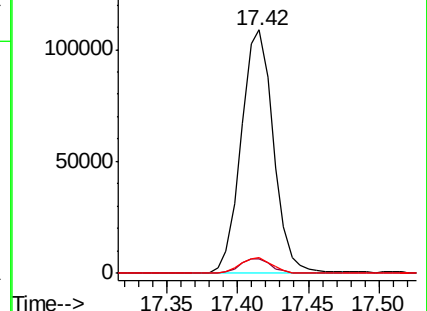
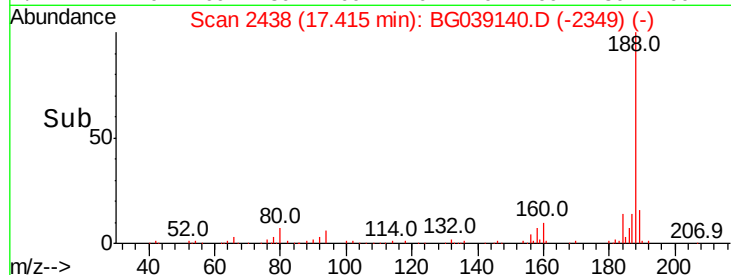
80 6.5 4.7 7.1



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: 21.69 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG039140.D

Acq: 15 Jan 2019 20:30

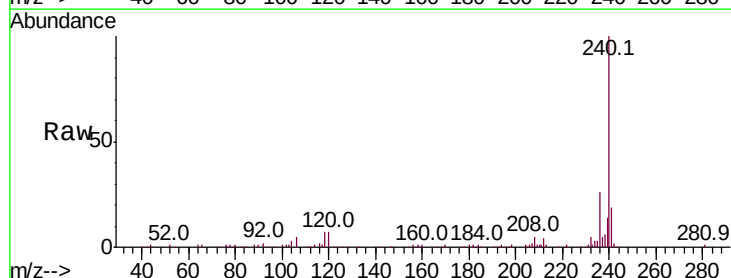
Tgt Ion:240 Resp: 174563

Ion Ratio Lower Upper

240 100

120 6.5 4.3 6.5#

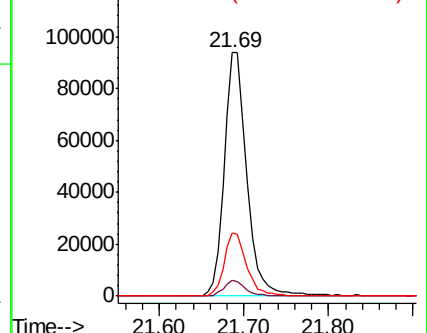
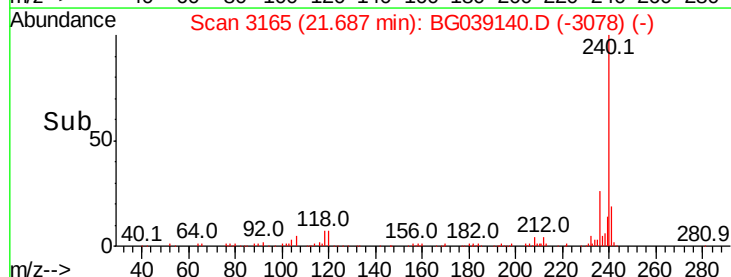
236 25.7 20.1 30.1

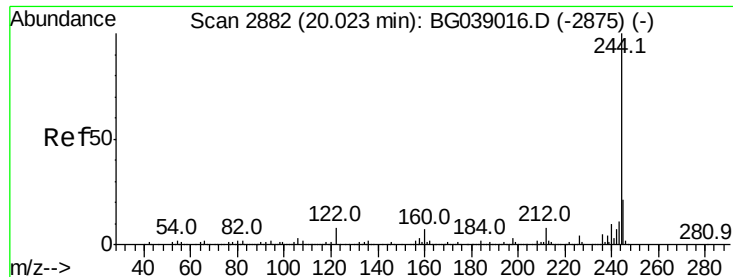


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 106.091 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039140.D

Acq: 15 Jan 2019 20:30

Instrument :

BNA_G

ClientSampleId :

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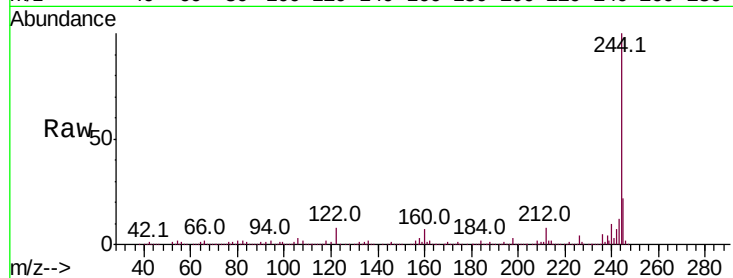
Tot Ion:244 Resp: 1001115

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

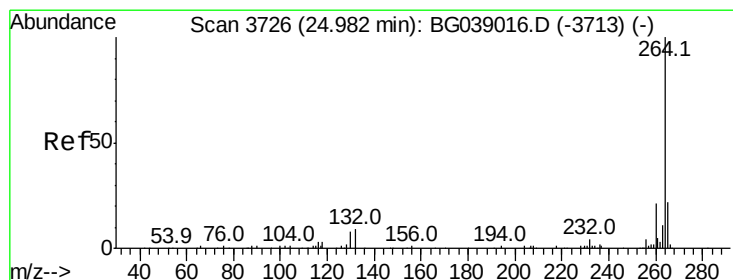
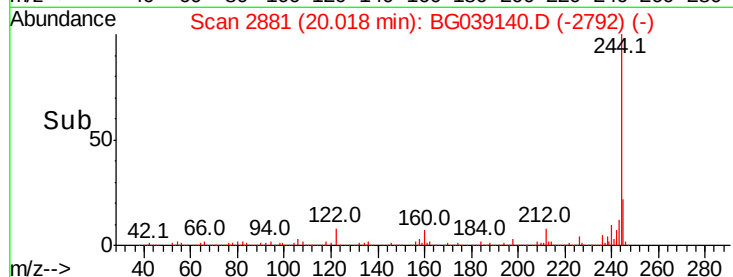
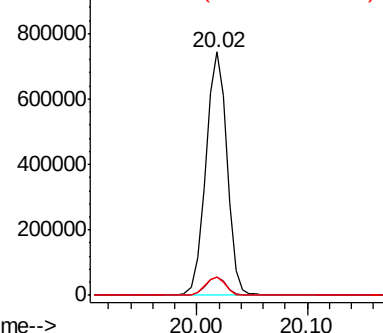
122 7.5 6.1 9.1



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: 24.97 min Scan# 3724

Delta R.T. -0.01 min

Lab File: BG039140.D

Acq: 15 Jan 2019 20:30

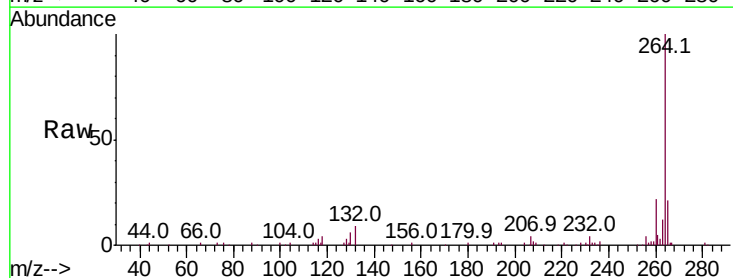
Tgt Ion:264 Resp: 155931

Ion Ratio Lower Upper

264 100

260 21.8 17.0 25.6

265 21.4 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

