

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039186.D
 Acq On : 17 Jan 2019 14:46
 Operator : JU/SJ
 Sample : PB116407BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116407BL

Quant Time: Jan 18 04:30:42 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	8.02	152	20006	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	70456	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	50833	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	144684	20.00	ng	0.00
76) Chrysene-d12	21.68	240	175876	20.00	ng	0.00
87) Perylene-d12	24.94	264	210169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	127186	120.60	ng	0.00
7) Phenol-d6	7.17	99	154463	101.77	ng	0.00
23) Nitrobenzene-d5	9.19	82	93352	72.50	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	95082	111.59	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	276744	74.51	ng	0.00
79) Terphenyl-d14	20.01	244	735167	77.33	ng	0.00

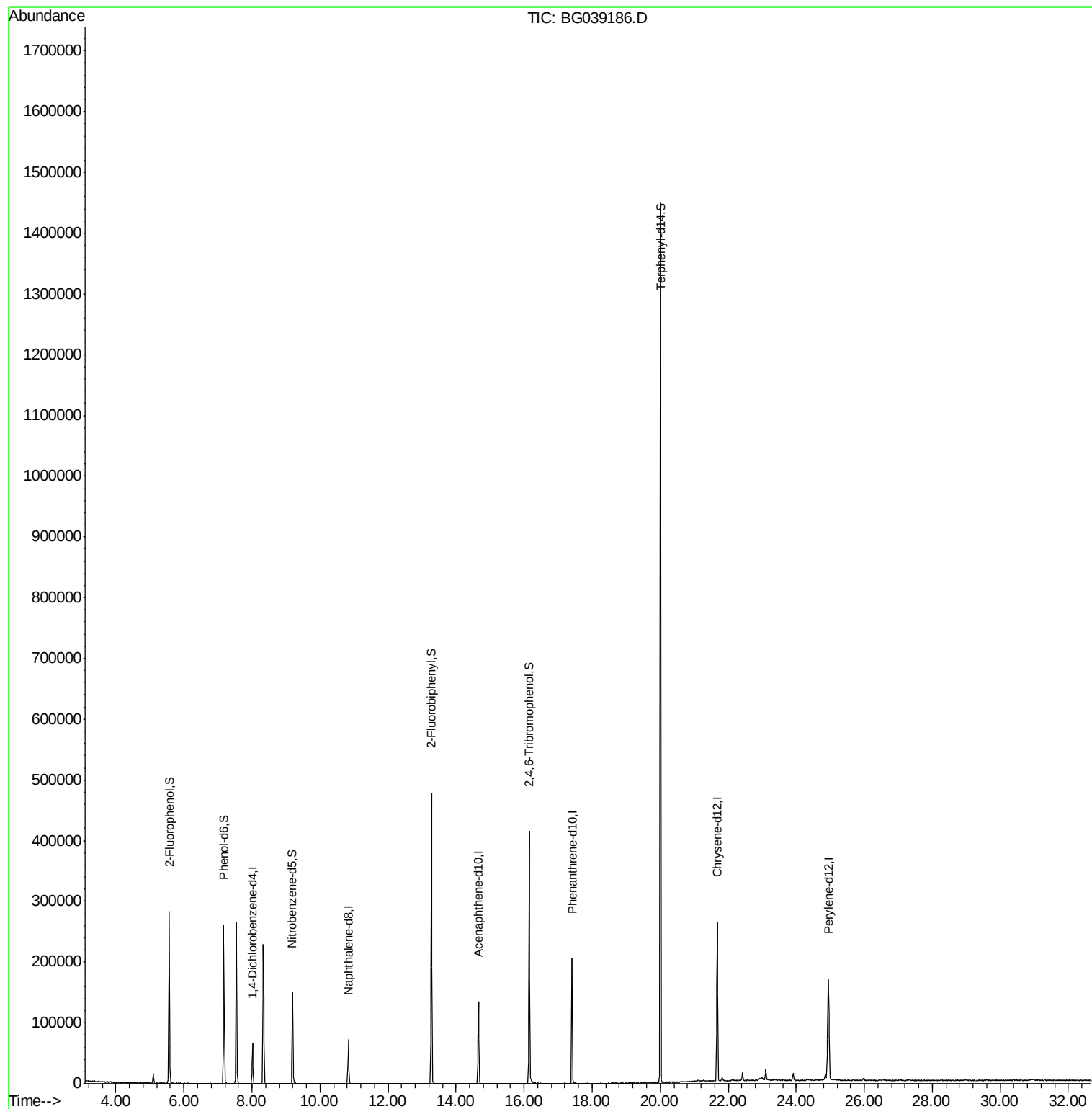
Target Compounds Qvalue

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

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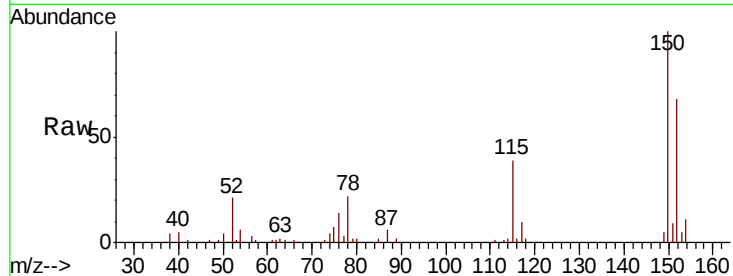


#1

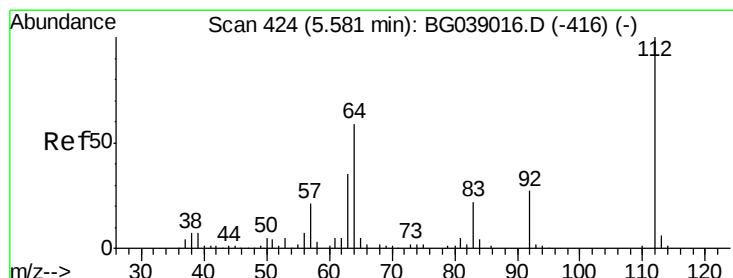
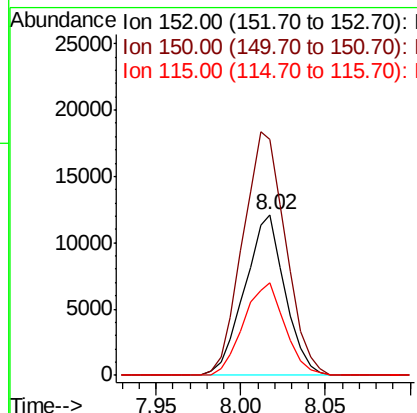
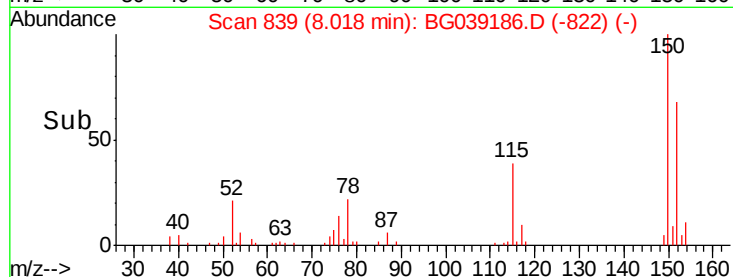
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BG039186.D
Acq: 17 Jan 2019 14:46

Instrument :
BNA_G
ClientSampleId :
PB116407BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.1	124.7	187.1
115	58.0	46.5	69.7



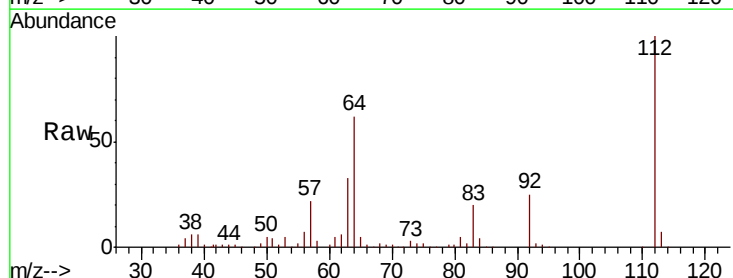
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



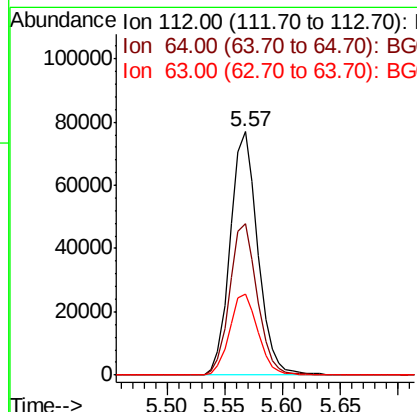
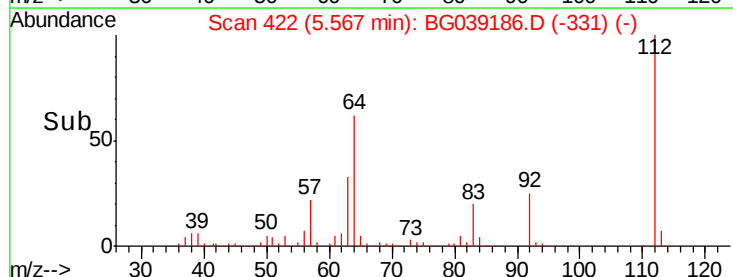
#5

2-Fluorophenol
Concen: 120.599 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG039186.D
Acq: 17 Jan 2019 14:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.0	70.6
63	33.5	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: 101.772 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039186.D

Acq: 17 Jan 2019 14:46

Instrument :

BNA_G

ClientSampleId :

PB116407BL

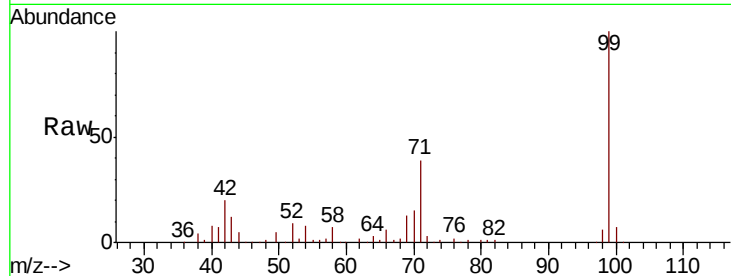
Tot Ion: 99 Resp: 154463

Ion Ratio Lower Upper

99 100

42 20.5 15.8 23.6

71 38.5 30.2 45.4

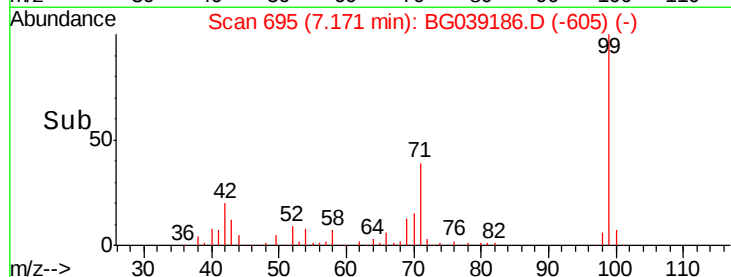
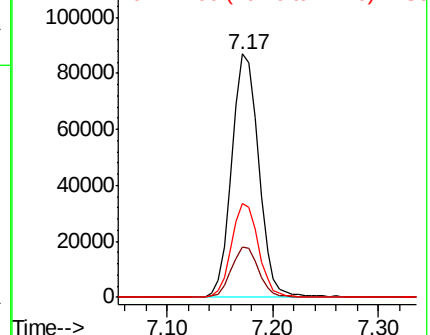


Abundance

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: BG039186.D

Acq: 17 Jan 2019 14:46

Tgt Ion: 136 Resp: 70456

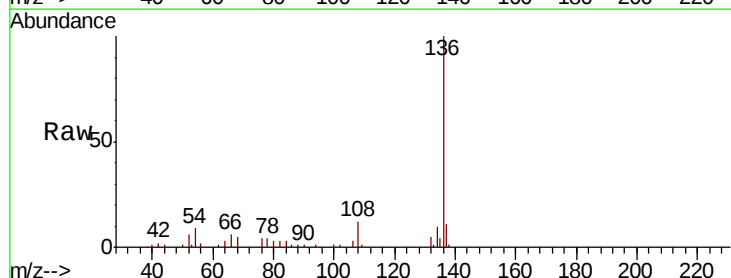
Ion Ratio Lower Upper

136 100

137 11.0 9.4 14.2

54 8.7 7.2 10.8

68 4.7 3.5 5.3



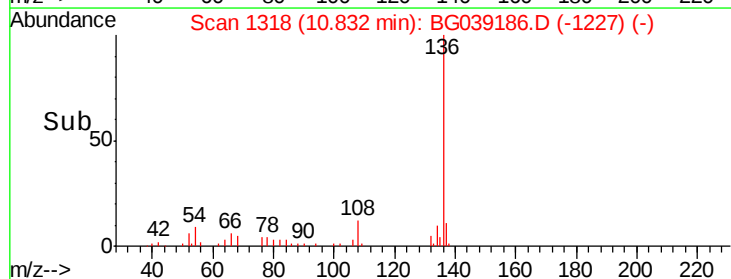
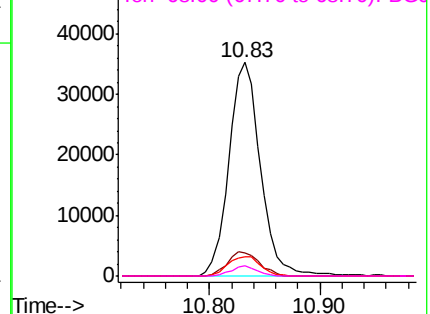
Abundance

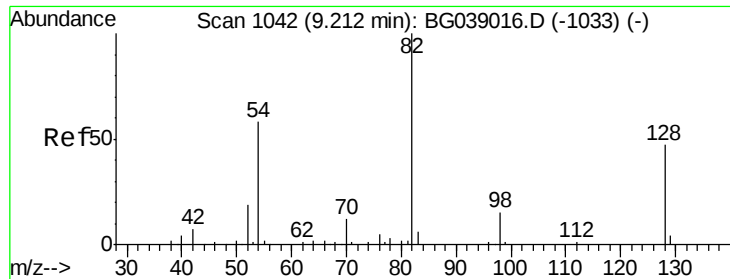
Ion 136.00 (135.70 to 136.70): BGC

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

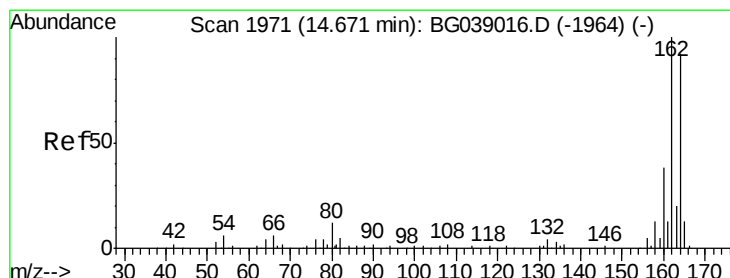
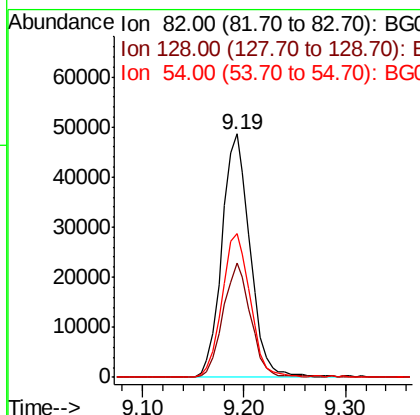
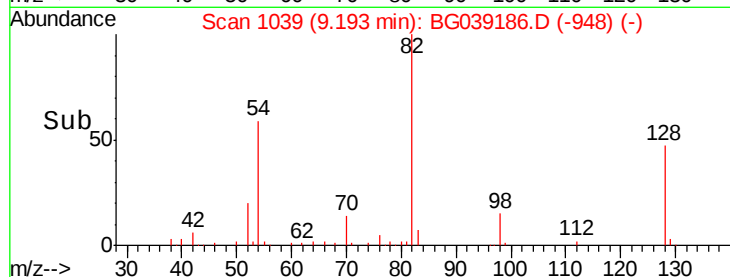
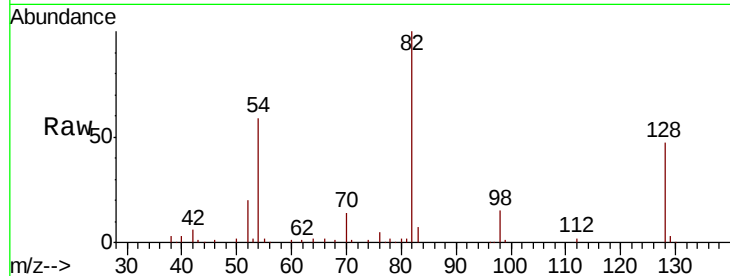




#23
 Nitrobenzene-d5
 Concen: 72.502 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BG039186.D
 Acq: 17 Jan 2019 14:46

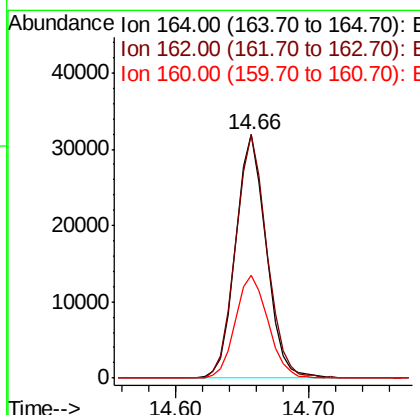
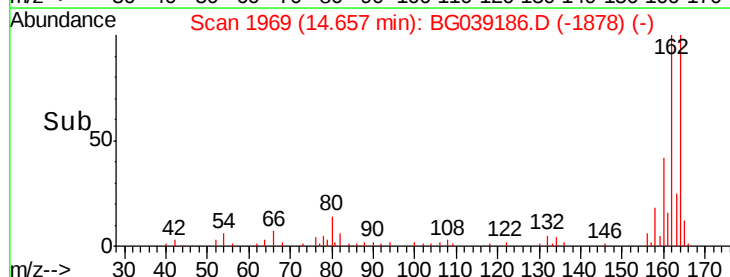
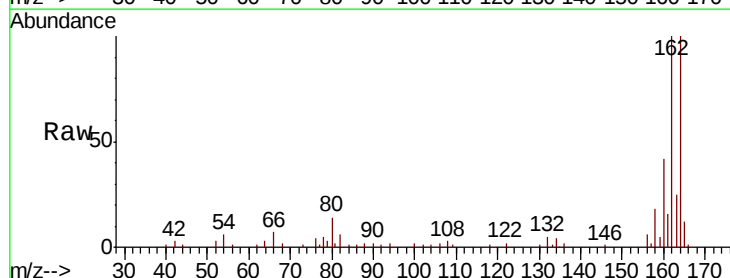
Instrument :
 BNA_G
 ClientSampleId :
 PB116407BL

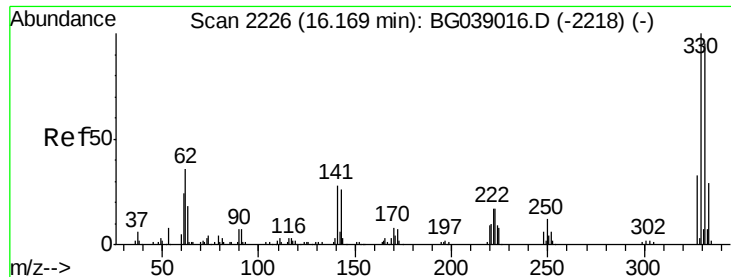
Tot Ion	82	Resp	93352
Ion Ratio	100	Lower	Upper
128	47.2	37.3	55.9
54	58.8	46.4	69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BG039186.D
 Acq: 17 Jan 2019 14:46

Tgt Ion	164	Resp	50833
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	100.1	87.2	130.8
160	42.1	33.3	49.9

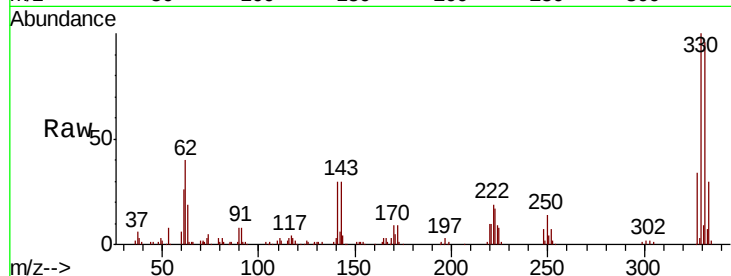




#42
 2,4,6-Tribromophenol
 Concen: 111.585 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BG039186.D
 Acq: 17 Jan 2019 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB116407BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.7	113.5
141	31.0	24.9	37.3

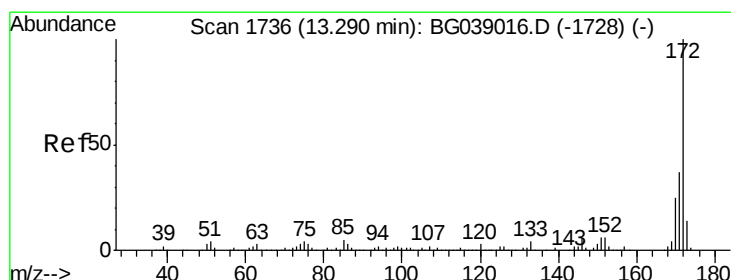
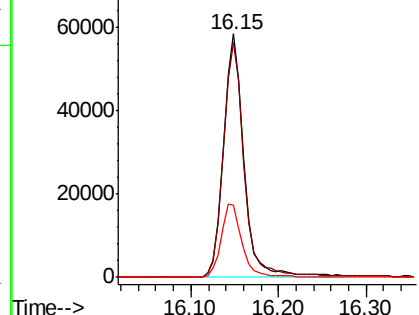
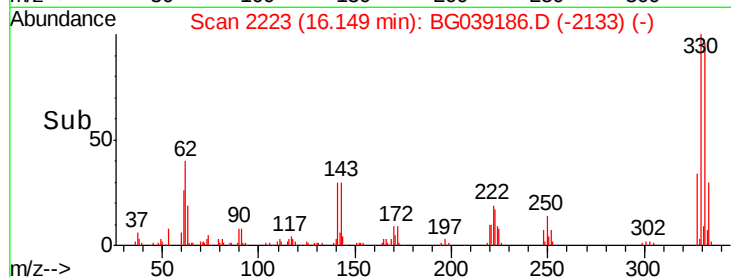


Abundance

Ion 329.80 (329.50 to 330.50): E

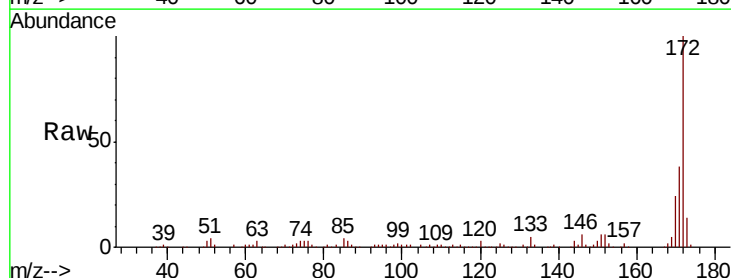
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.507 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. 0.00 min
 Lab File: BG039186.D
 Acq: 17 Jan 2019 14:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.4	44.0
170	23.9	20.1	30.1

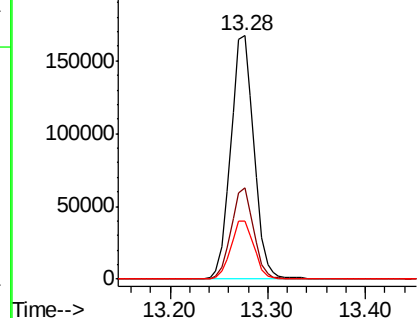
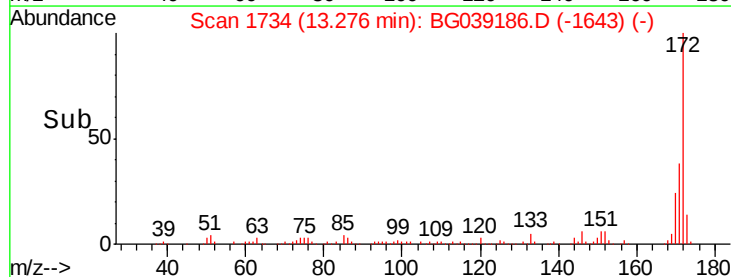


Abundance

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

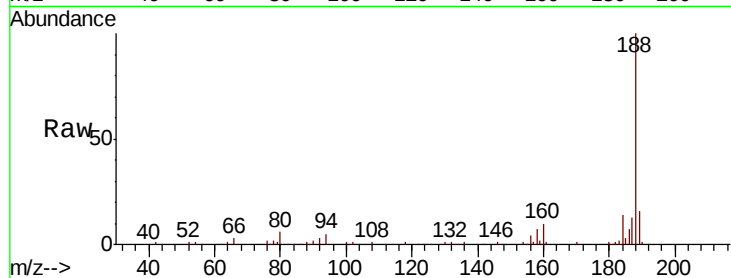




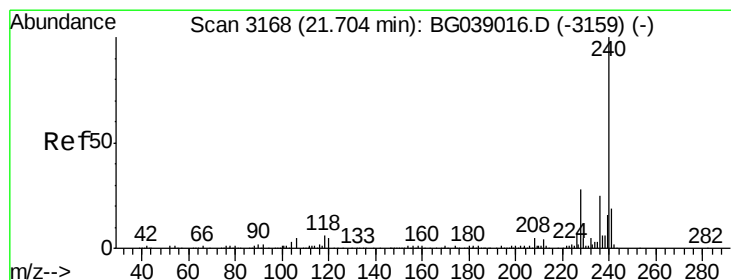
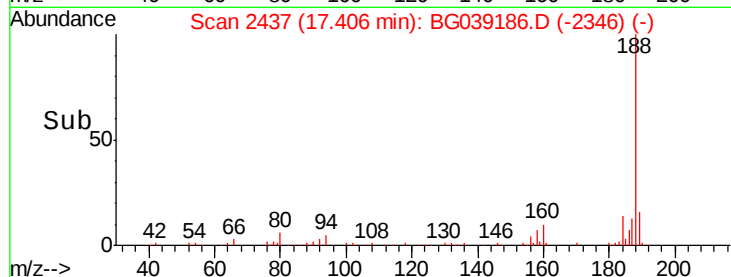
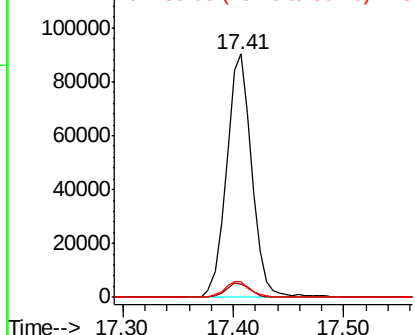
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG039186.D
Acq: 17 Jan 2019 14:46

Instrument :
BNA_G
ClientSampleId :
PB116407BL

Tot Ion:188 Resp: 144684
Ion Ratio Lower Upper
188 100
94 5.4 5.0 7.4
80 6.4 4.7 7.1

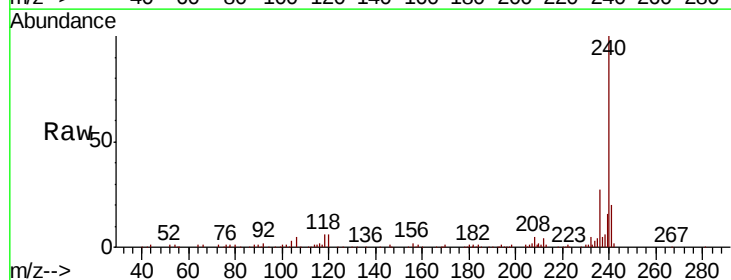


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

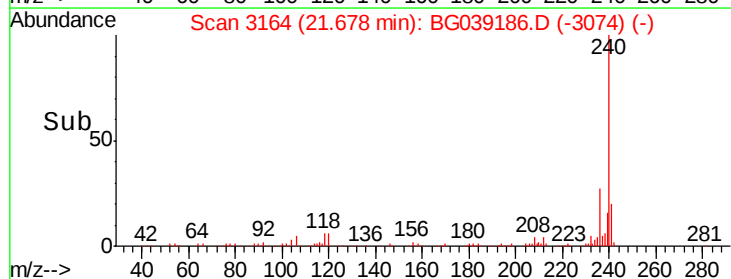
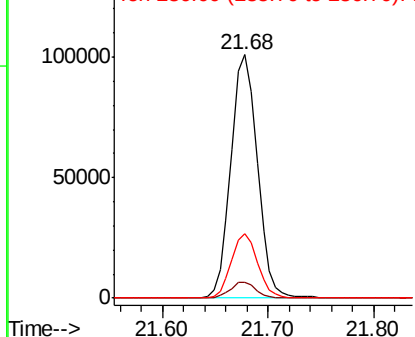


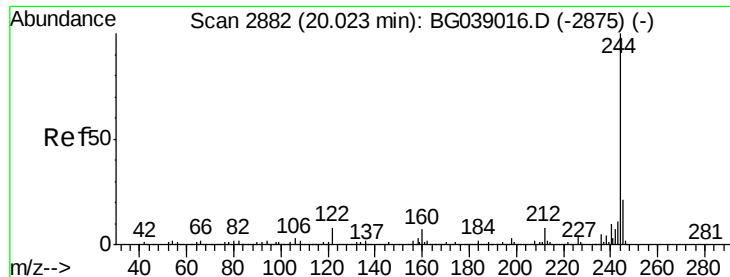
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG039186.D
Acq: 17 Jan 2019 14:46

Tgt Ion:240 Resp: 175876
Ion Ratio Lower Upper
240 100
120 6.4 4.3 6.5
236 26.6 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: 77.326 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG039186.D

Acq: 17 Jan 2019 14:46

Instrument :

BNA_G

ClientSampleId :

PB116407BL

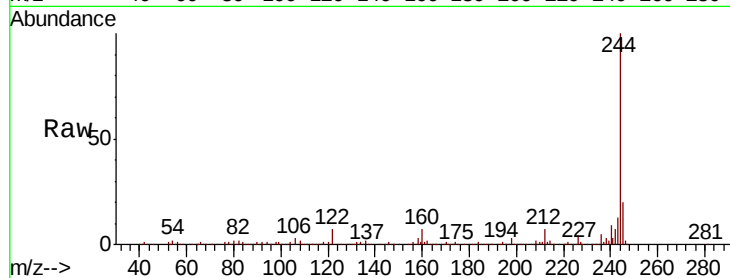
Tot Ion:244 Resp: 735167

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

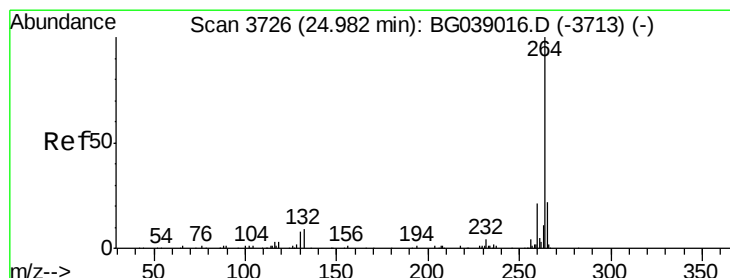
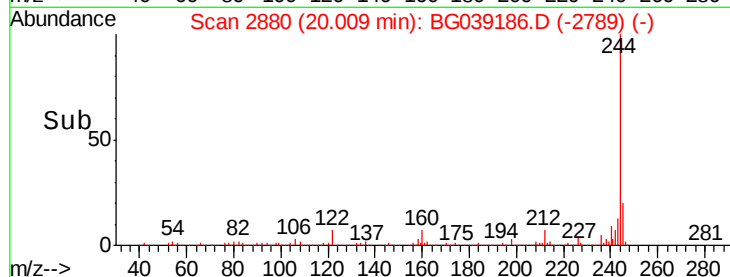
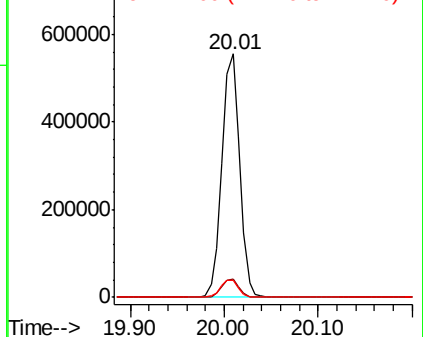
122 7.2 6.1 9.1



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: 24.94 min Scan# 3720

Delta R.T. -0.00 min

Lab File: BG039186.D

Acq: 17 Jan 2019 14:46

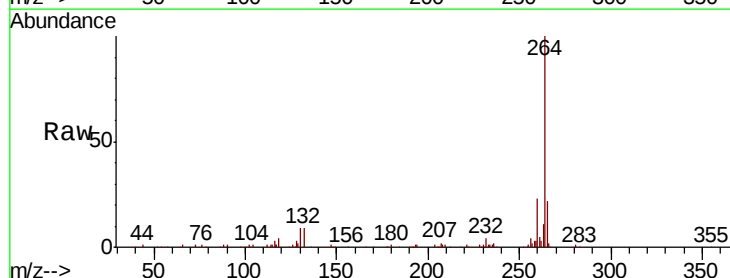
Tgt Ion:264 Resp: 210169

Ion Ratio Lower Upper

264 100

260 23.0 17.0 25.6

265 21.6 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

