

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039199.D
 Acq On : 18 Jan 2019 1:11
 Operator : JU/SJ
 Sample : K1153-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027

Quant Time: Jan 18 04:58:05 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	22944	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	89355	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	65486	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	176302	20.00	ng	0.00
76) Chrysene-d12	21.68	240	201110	20.00	ng	0.00
87) Perylene-d12	24.95	264	213681	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	173342	143.32	ng	0.00
7) Phenol-d6	7.18	99	218116	125.31	ng	0.00
23) Nitrobenzene-d5	9.19	82	169296	103.67	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	170188	155.04	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	444979	92.99	ng	0.00
79) Terphenyl-d14	20.01	244	1009097	92.82	ng	0.00

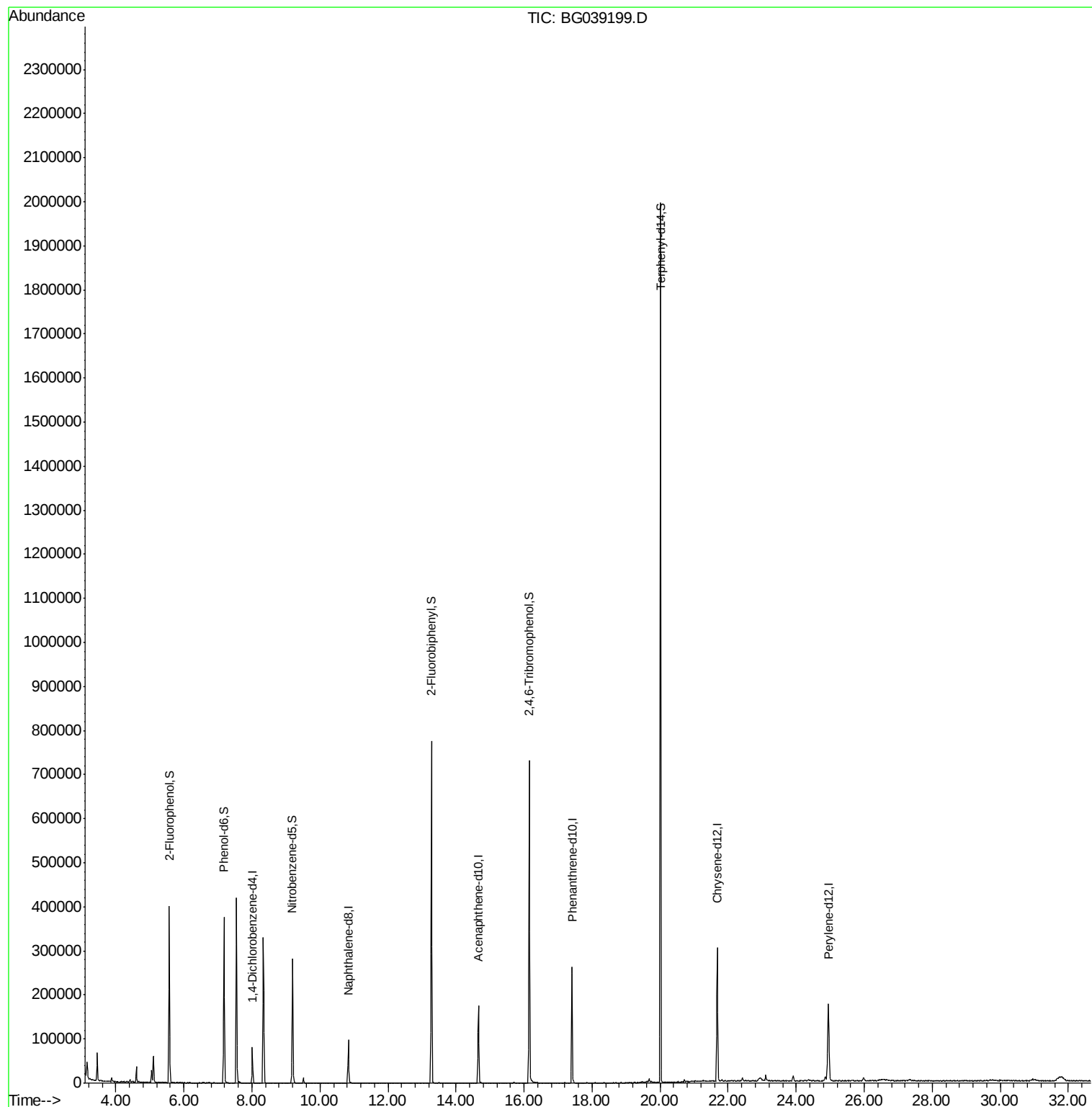
Target Compounds Qvalue

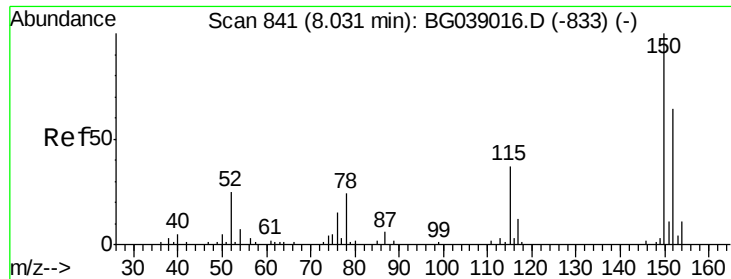
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.00 min

Lab File: BG039199.D

Acq: 18 Jan 2019 1:11

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027

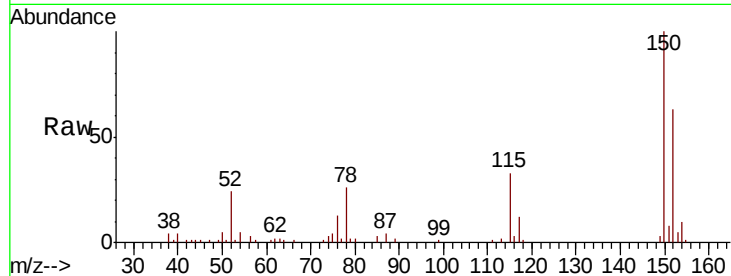
Tot Ion:152 Resp: 22944

Ion Ratio Lower Upper

152 100

150 158.9 124.7 187.1

115 52.7 46.5 69.7

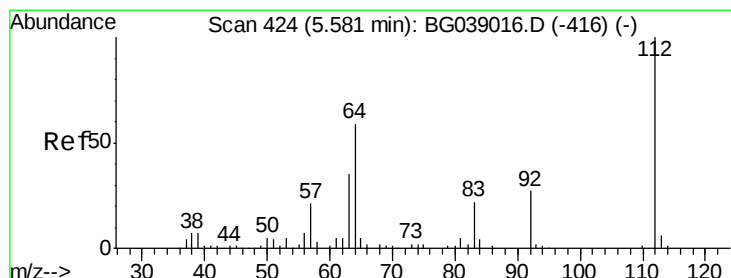
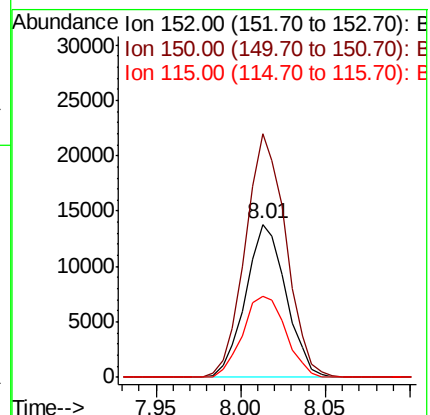
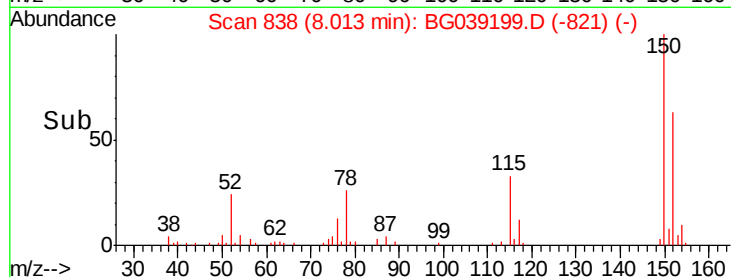


Abundance

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: 143.317 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.00 min

Lab File: BG039199.D

Acq: 18 Jan 2019 1:11

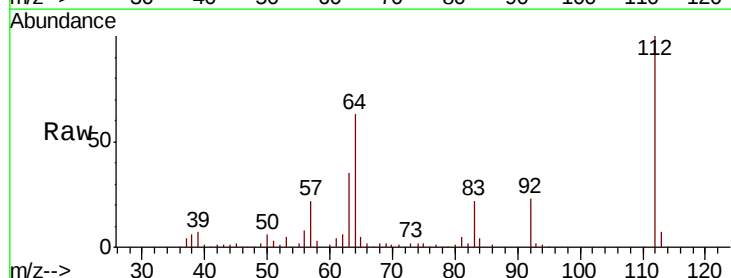
Tgt Ion:112 Resp: 173342

Ion Ratio Lower Upper

112 100

64 62.7 47.0 70.6

63 34.9 28.0 42.0

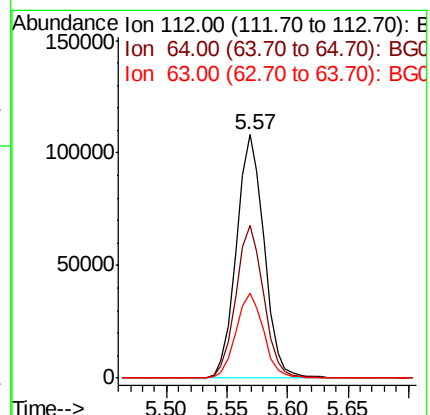
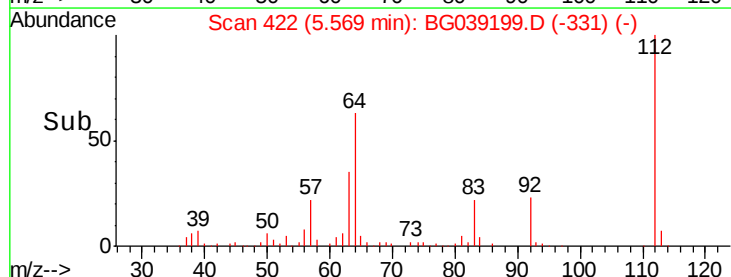


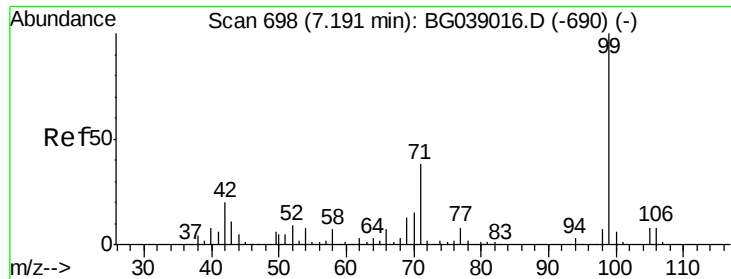
Abundance

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: 125.309 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039199.D

Acq: 18 Jan 2019 1:11

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027

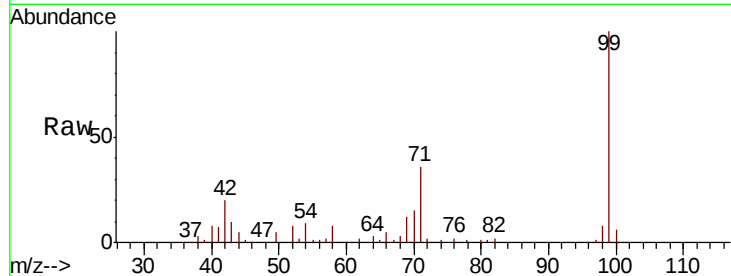
Tot Ion: 99 Resp: 218116

Ion Ratio Lower Upper

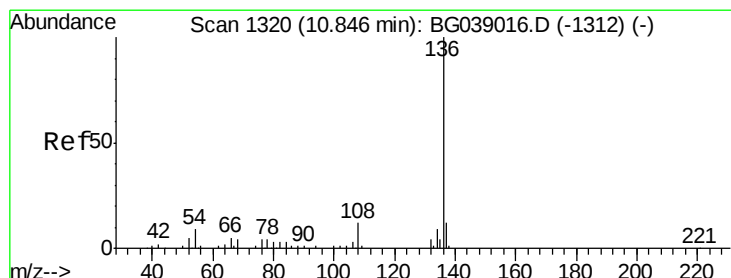
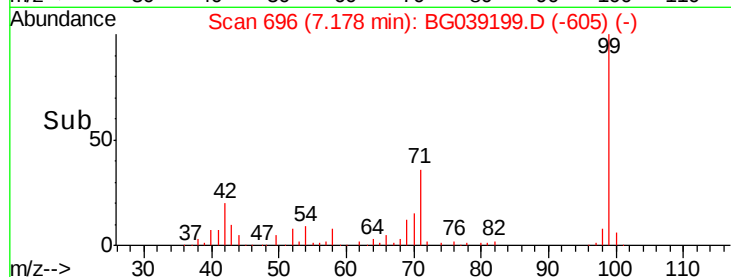
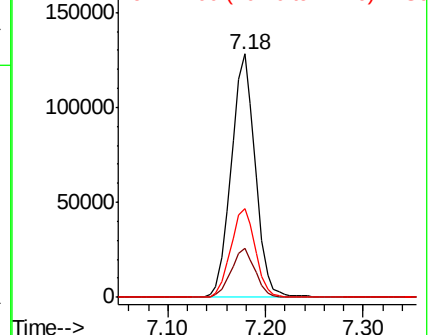
99 100

42 20.4 15.8 23.6

71 36.5 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: BG039199.D

Acq: 18 Jan 2019 1:11

Tgt Ion: 136 Resp: 89355

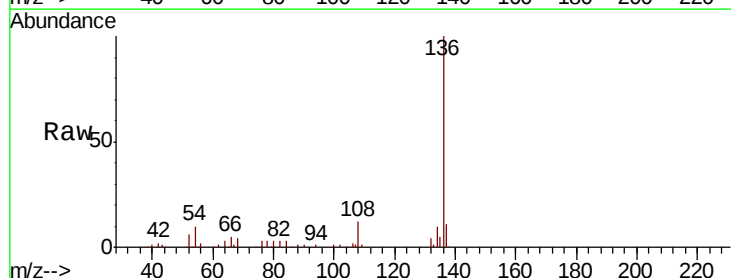
Ion Ratio Lower Upper

136 100

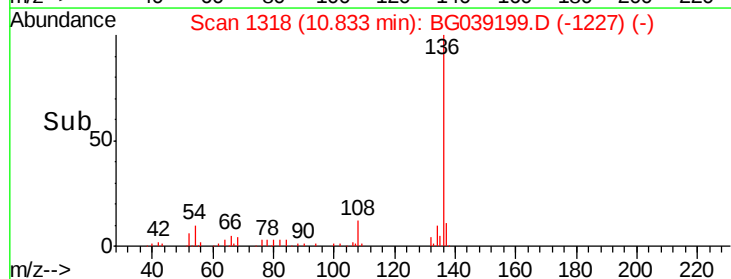
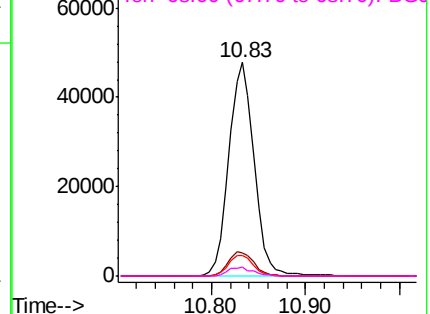
137 10.8 9.4 14.2

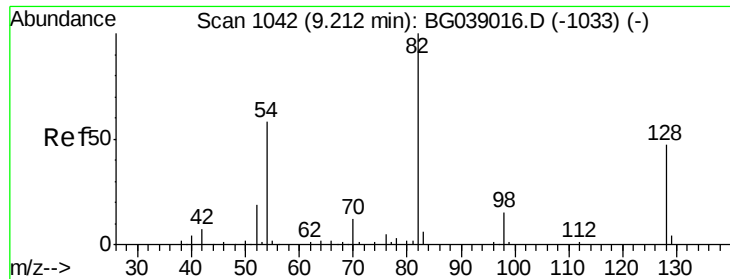
54 9.6 7.2 10.8

68 4.3 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

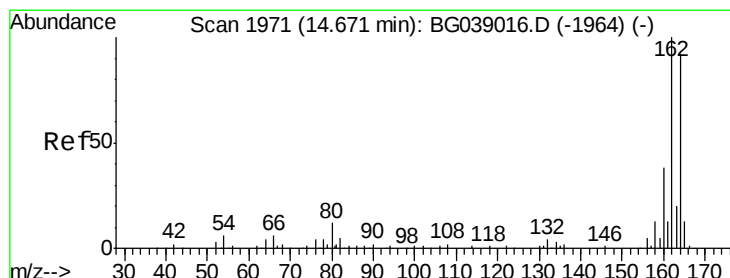
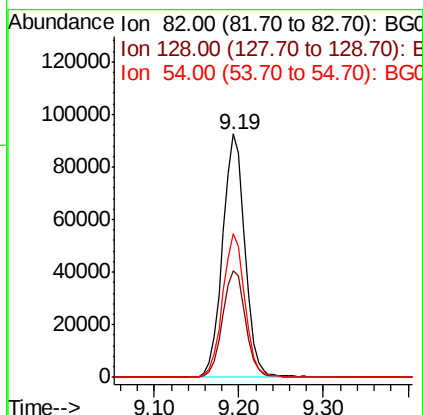
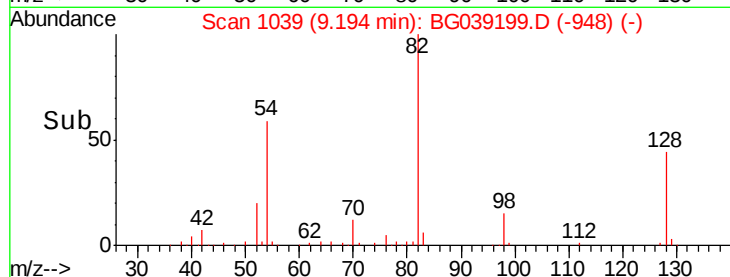
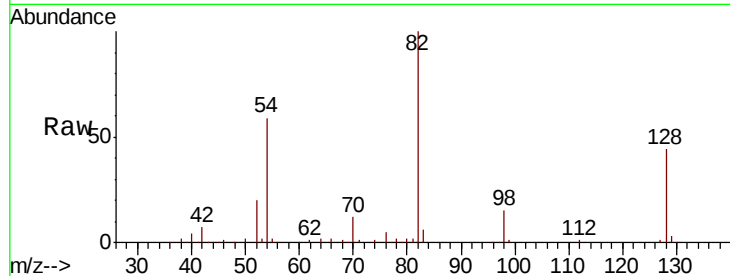




#23
 Nitrobenzene-d5
 Concen: 103.674 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BG039199.D
 Acq: 18 Jan 2019 1:11

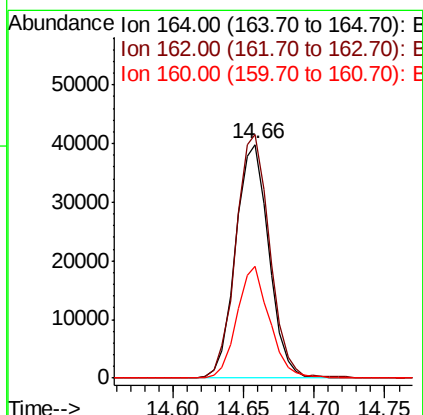
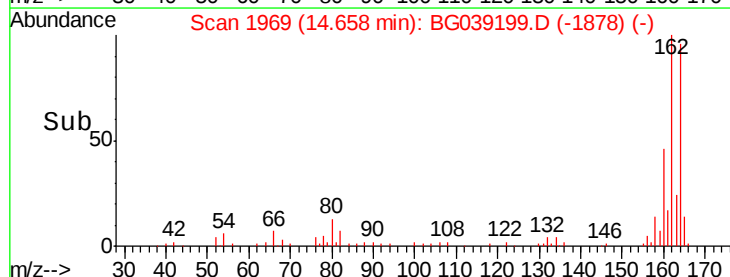
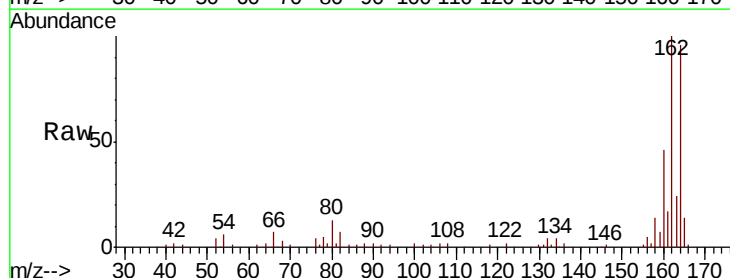
Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027

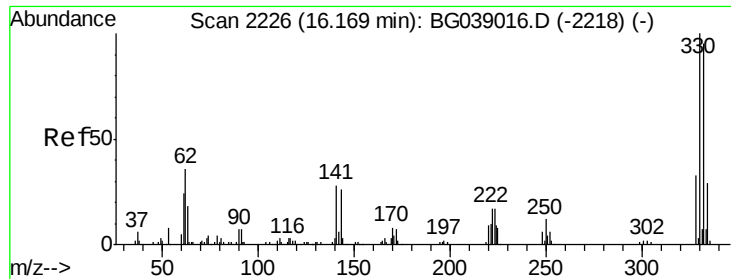
Tot Ion: 82 Resp: 169296
 Ion Ratio Lower Upper
 82 100
 128 43.8 37.3 55.9
 54 59.1 46.4 69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BG039199.D
 Acq: 18 Jan 2019 1:11

Tgt Ion:164 Resp: 65486
 Ion Ratio Lower Upper
 164 100
 162 104.3 87.2 130.8
 160 48.1 33.3 49.9

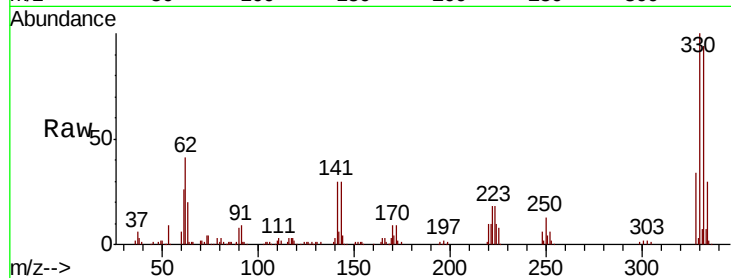




#42
 2,4,6-Tribromophenol
 Concen: 155.037 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BG039199.D
 Acq: 18 Jan 2019 1:11

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.7	113.5
141	31.1	24.9	37.3

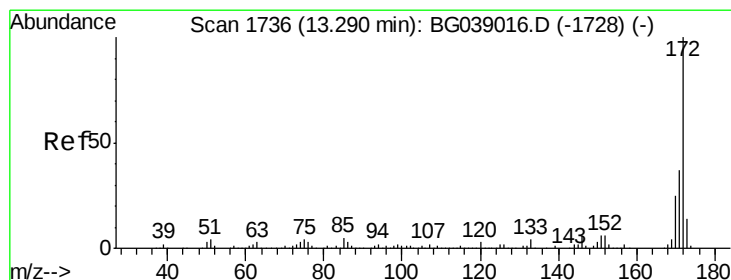
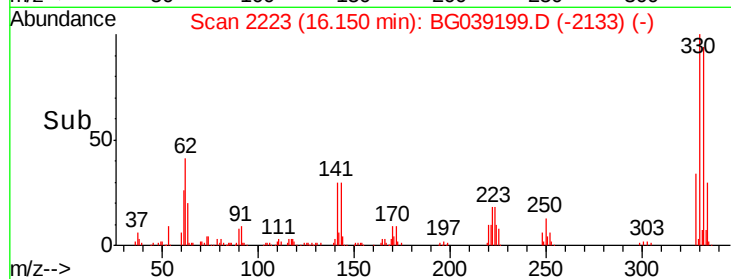
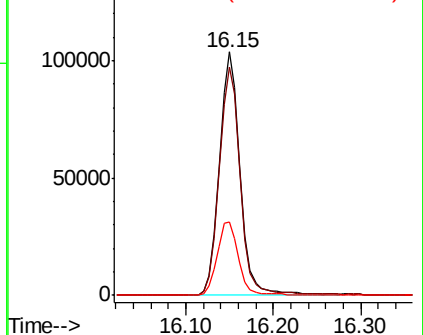


Abundance

Ion 329.80 (329.50 to 330.50): E

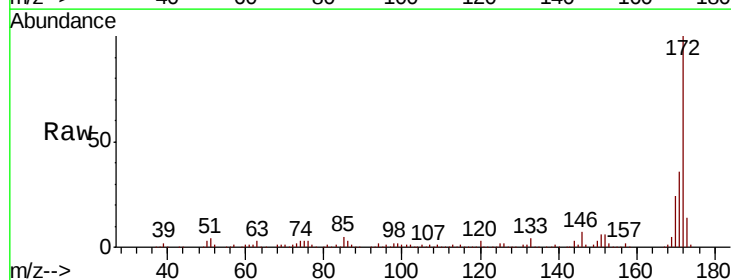
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.994 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. 0.00 min
 Lab File: BG039199.D
 Acq: 18 Jan 2019 1:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.3	20.1	30.1

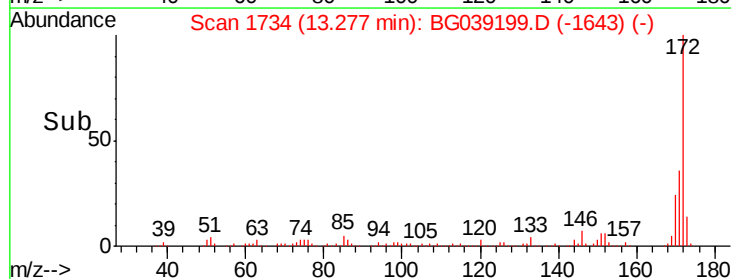
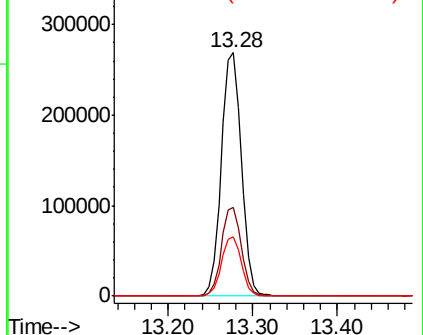


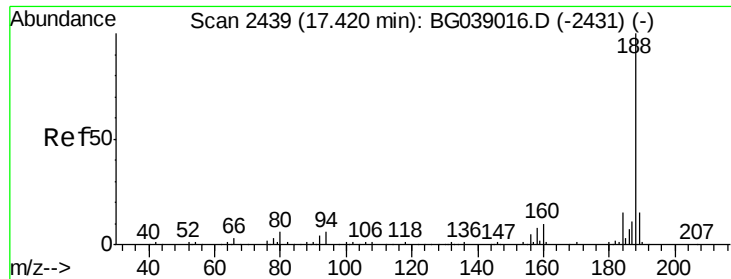
Abundance

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

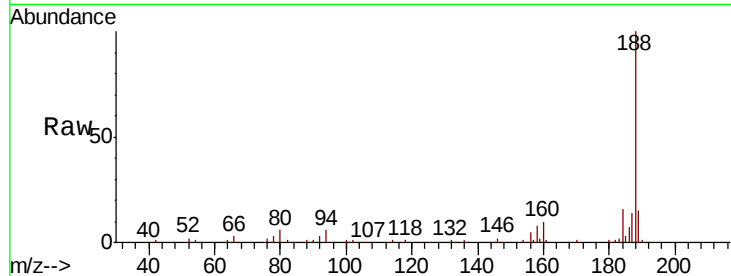




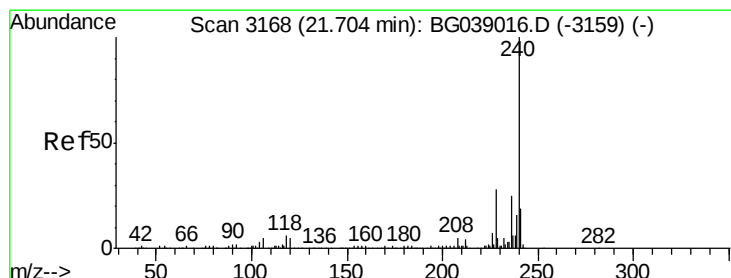
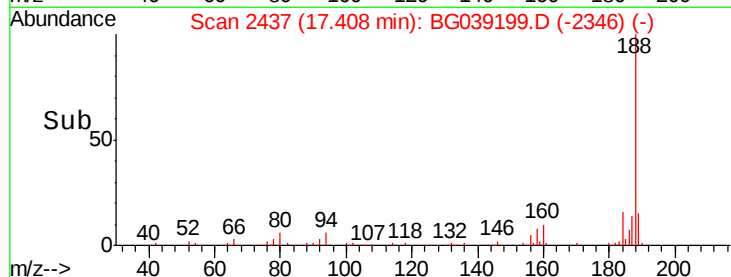
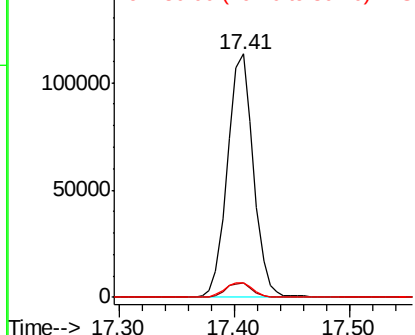
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG039199.D
Acq: 18 Jan 2019 1:11

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027

Tot Ion:188 Resp: 176302
Ion Ratio Lower Upper
188 100
94 5.8 5.0 7.4
80 5.8 4.7 7.1

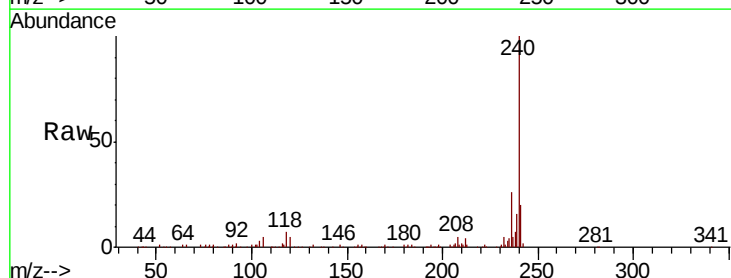


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

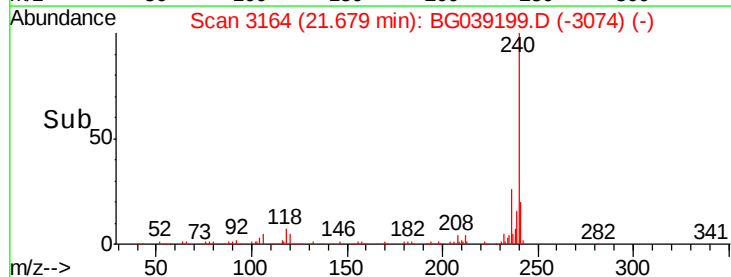
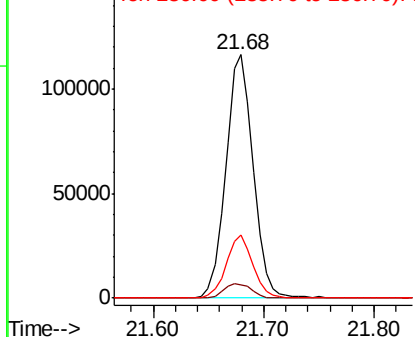


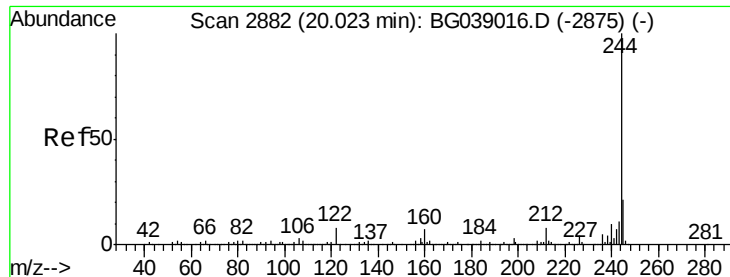
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG039199.D
Acq: 18 Jan 2019 1:11

Tgt Ion:240 Resp: 201110
Ion Ratio Lower Upper
240 100
120 5.5 4.3 6.5
236 26.1 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: 92.821 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG039199.D

Acq: 18 Jan 2019 1:11

Instrument :

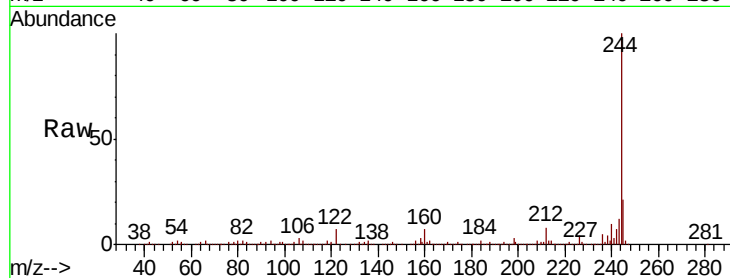
BNA_G

ClientSampleId :

RBR200044-RBR200027

Tot Ion:244 Resp: 1009097

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	7.1	6.1	9.1

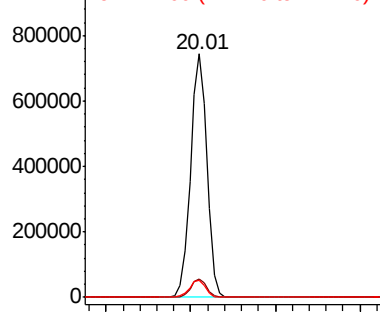


Abundance

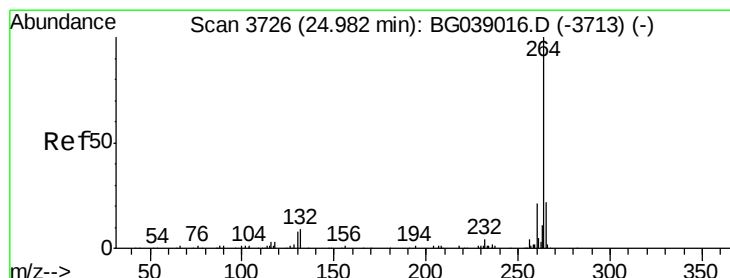
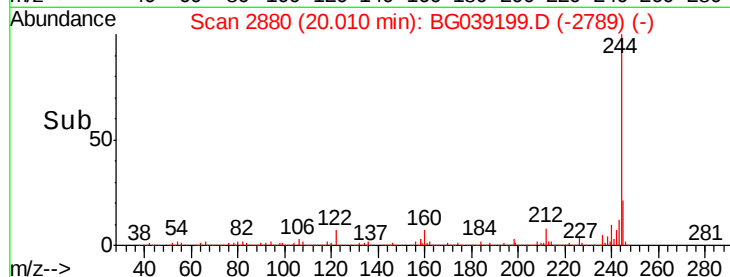
Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3720

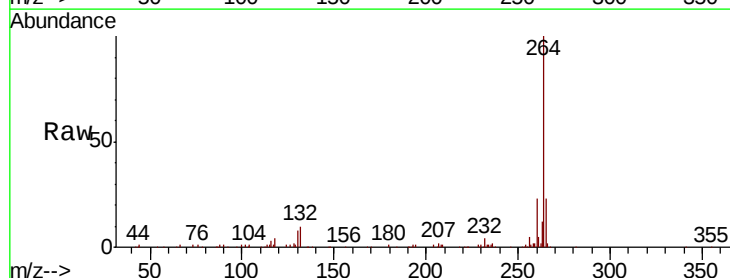
Delta R.T. -0.00 min

Lab File: BG039199.D

Acq: 18 Jan 2019 1:11

Tgt Ion:264 Resp: 213681

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.0	25.6
265	22.7	17.2	25.8

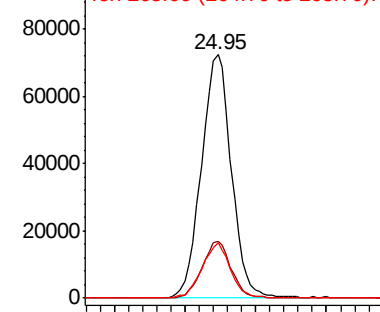


Abundance

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



Time-->

