

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038660.D
 Acq On : 17 Dec 2018 13:05
 Operator : JU/SJ
 Sample : J6377-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-RB-181211

Quant Time: Dec 18 03:18:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	21909	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	91247	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	62279	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	169096	20.00	ng	0.00
76) Chrysene-d12	21.72	240	178287	20.00	ng	0.00
87) Perylene-d12	25.03	264	188794	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	69082	55.93	ng	0.00
7) Phenol-d6	7.21	99	57271	33.77	ng	0.00
23) Nitrobenzene-d5	9.23	82	141728	79.35	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	108129	125.98	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	348017	76.66	ng	0.00
79) Terphenyl-d14	20.04	244	729387	89.04	ng	0.00

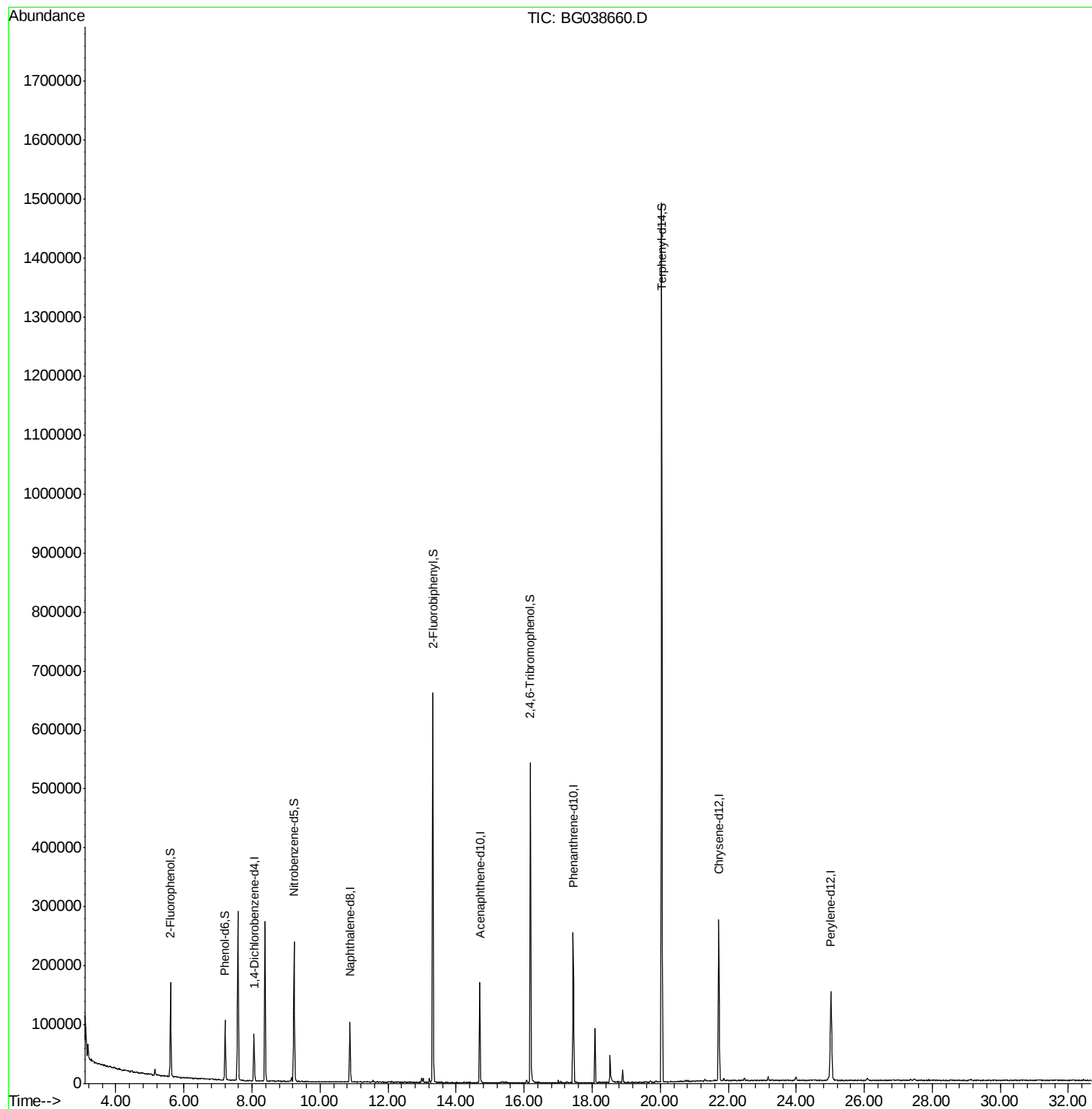
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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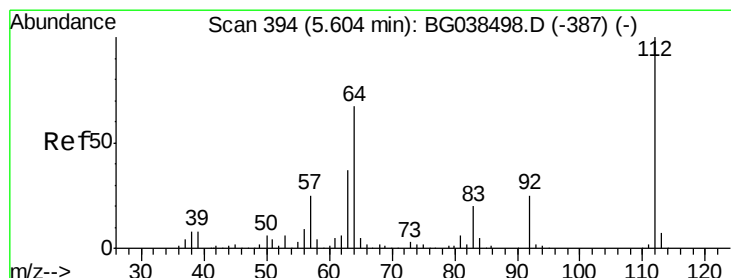
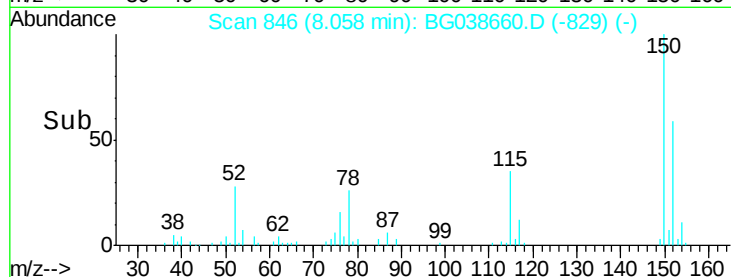
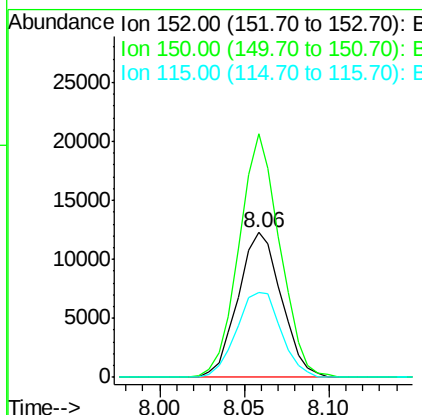
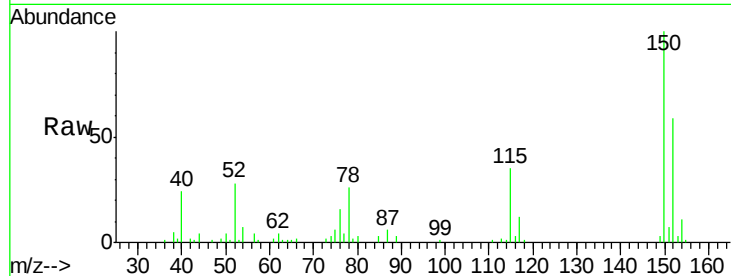




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038660.D
 Acq: 17 Dec 2018 13:05

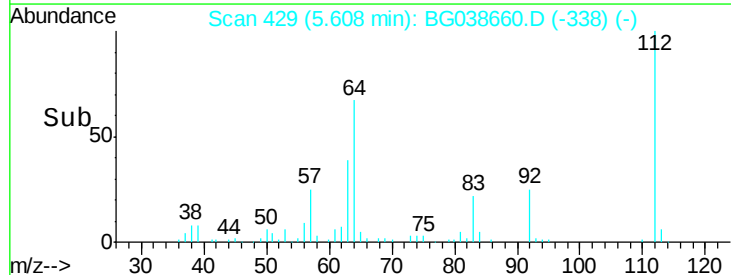
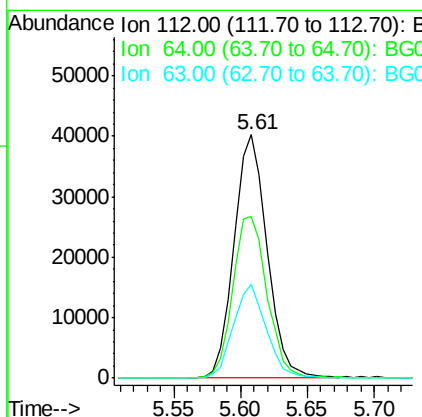
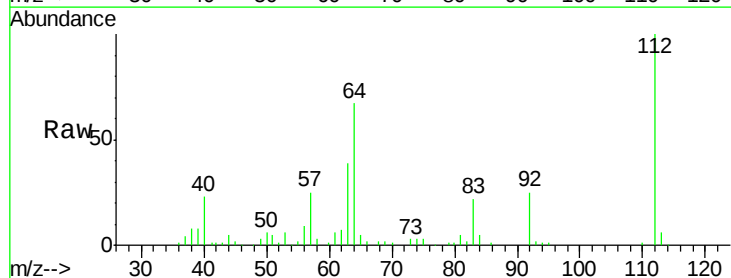
Instrument :
 BNA_G
 ClientSampleId :
 P001-RB-181211

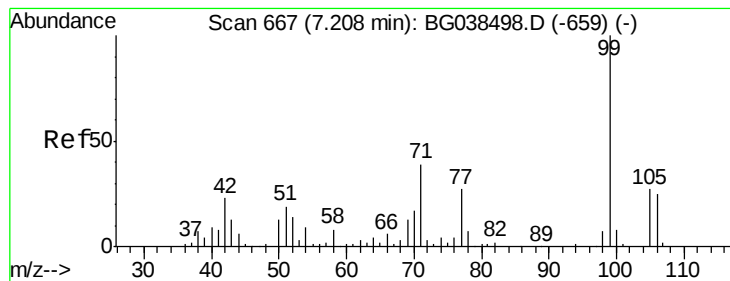
Tgt Ion:152 Resp: 21909
 Ion Ratio Lower Upper
 152 100
 150 168.5 119.5 179.3
 115 59.1 49.6 74.4



#5
 2-Fluorophenol
 Concen: 55.926 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038660.D
 Acq: 17 Dec 2018 13:05

Tgt Ion:112 Resp: 69082
 Ion Ratio Lower Upper
 112 100
 64 66.5 53.4 80.2
 63 38.5 29.3 43.9





#7

Phenol-d6

Concen: 33.773 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038660.D

Acq: 17 Dec 2018 13:05

Instrument :

BNA_G

ClientSampleId :

P001-RB-181211

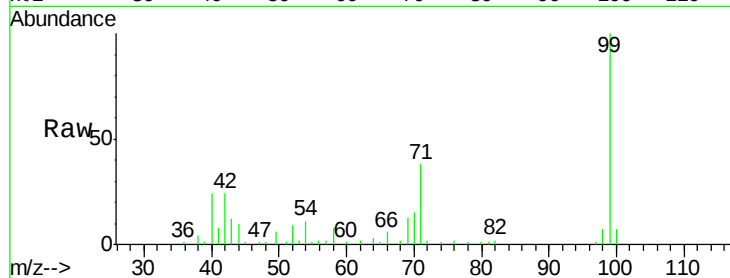
Tgt Ion: 99 Resp: 57271

Ion Ratio Lower Upper

99 100

42 23.7 18.5 27.7

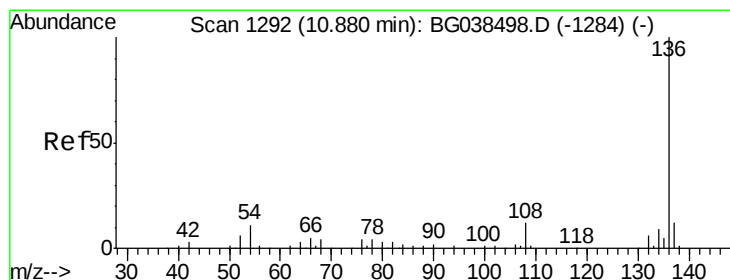
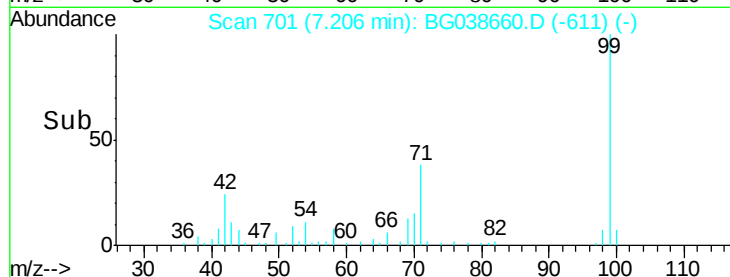
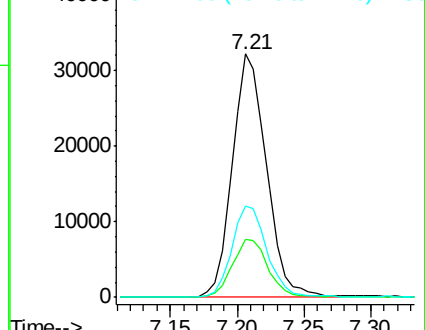
71 37.6 31.1 46.7



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: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038660.D

Acq: 17 Dec 2018 13:05

Tgt Ion: 136 Resp: 91247

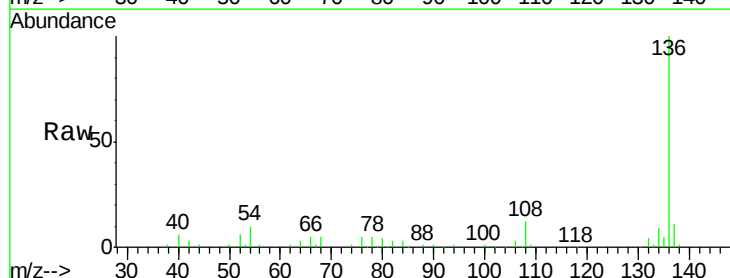
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 10.1 8.5 12.7

68 5.4 3.5 5.3#

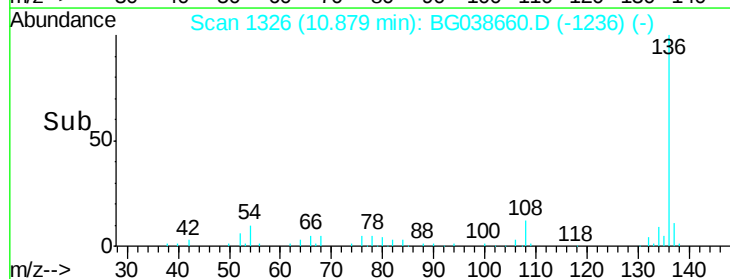
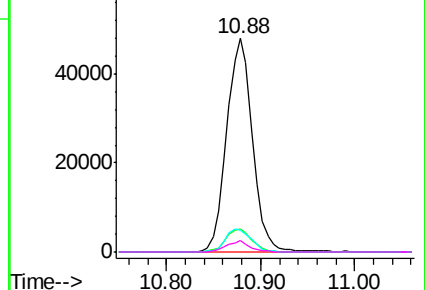


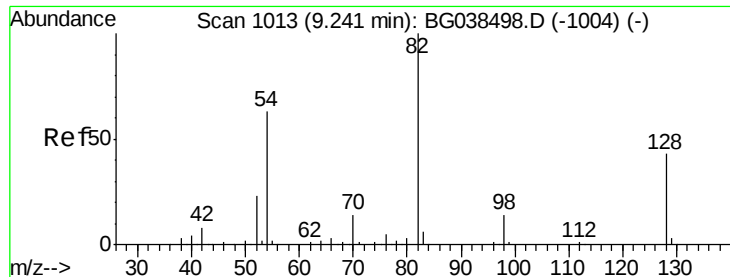
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

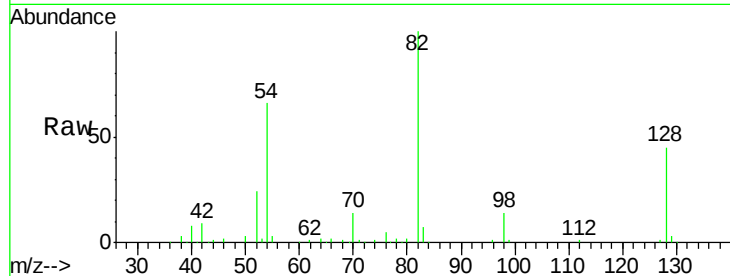




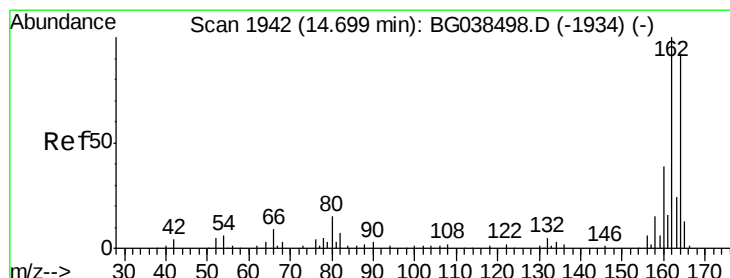
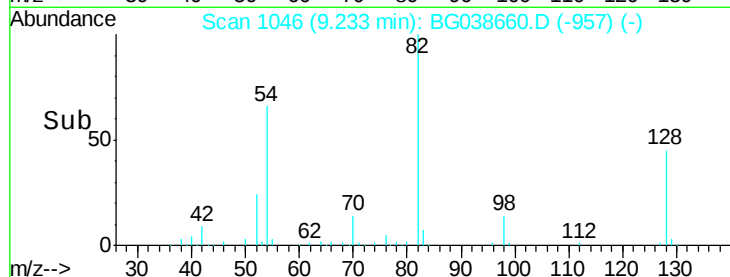
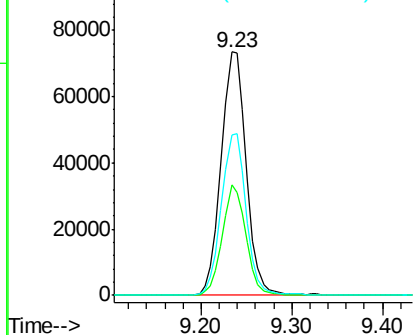
#23
 Nitrobenzene-d5
 Concen: 79.350 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038660.D
 Acq: 17 Dec 2018 13:05

Instrument :
 BNA_G
 ClientSampleId :
 P001-RB-181211

Tgt Ion: 82 Resp: 141728
 Ion Ratio Lower Upper
 82 100
 128 45.4 34.6 52.0
 54 65.7 50.6 76.0

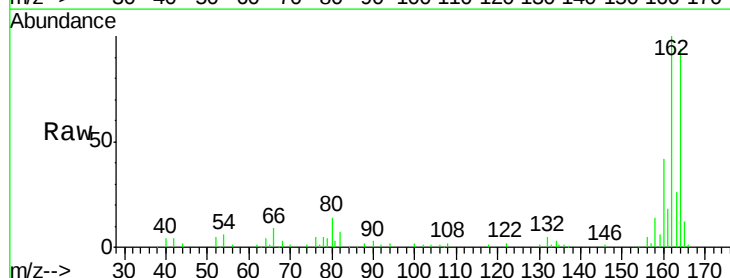


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

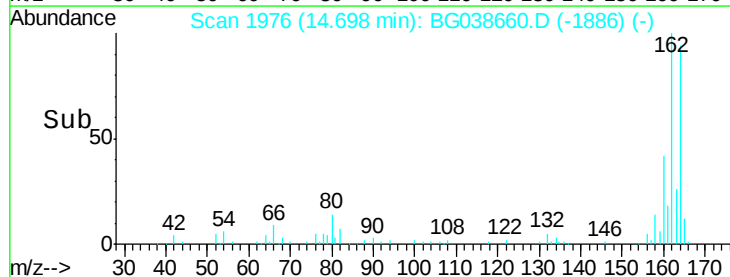
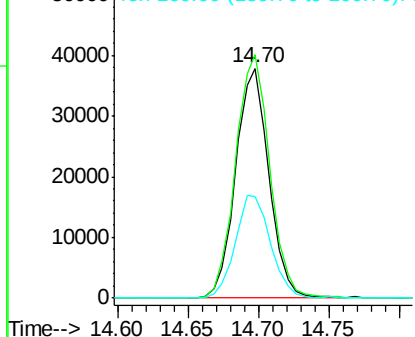


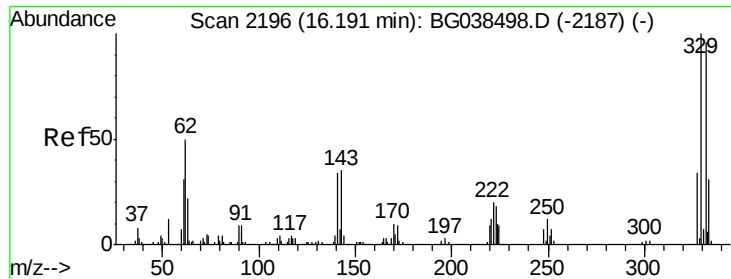
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG038660.D
 Acq: 17 Dec 2018 13:05

Tgt Ion: 164 Resp: 62279
 Ion Ratio Lower Upper
 164 100
 162 106.0 86.6 130.0
 160 44.5 34.2 51.2



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

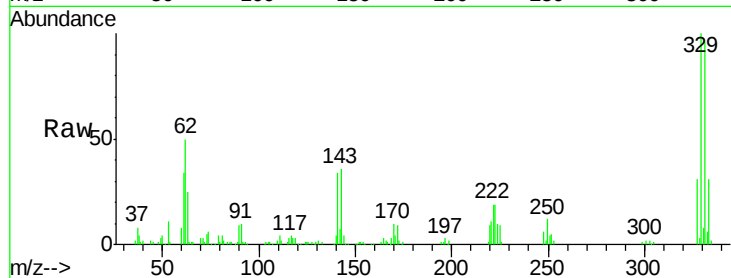




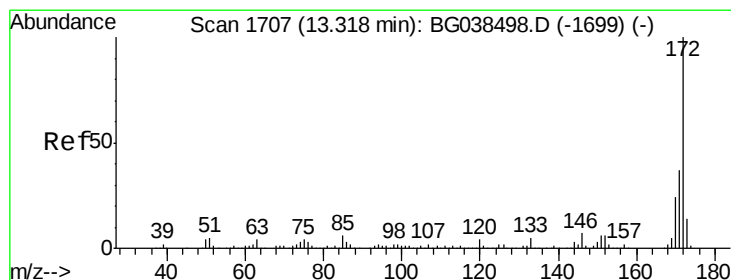
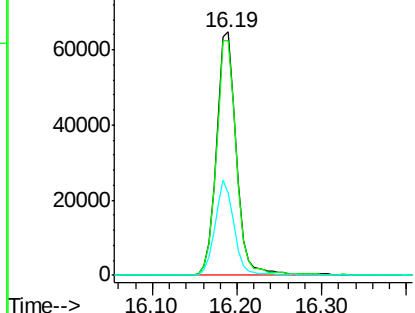
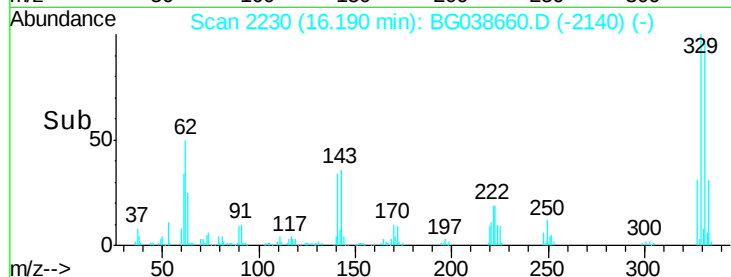
#42
 2,4,6-Tribromophenol
 Concen: 125.978 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG038660.D
 Acq: 17 Dec 2018 13:05

Instrument :
 BNA_G
 ClientSampleId :
 P001-RB-181211

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	37.7	28.8	43.2

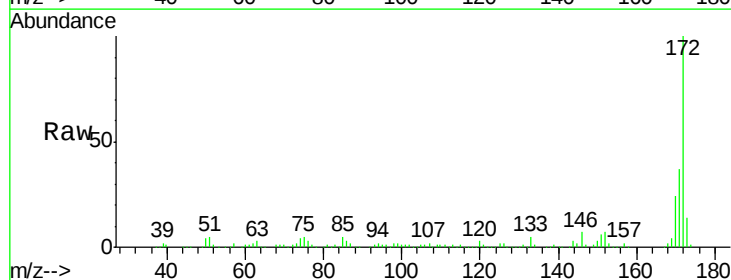


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

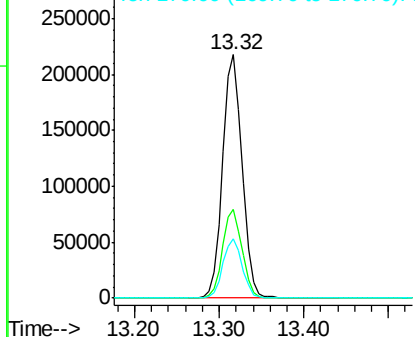
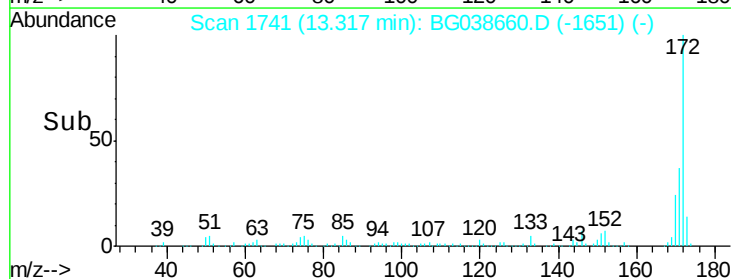


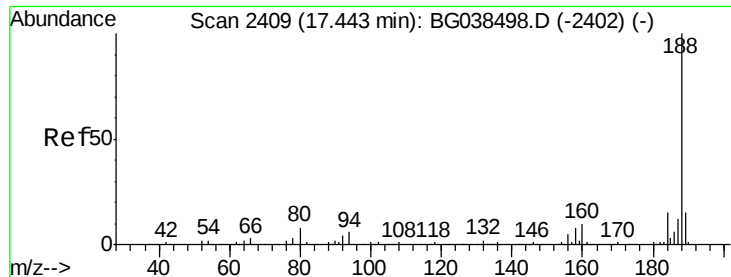
#45
 2-Fluorobiphenyl
 Concen: 76.659 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038660.D
 Acq: 17 Dec 2018 13:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	24.1	19.5	29.3



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

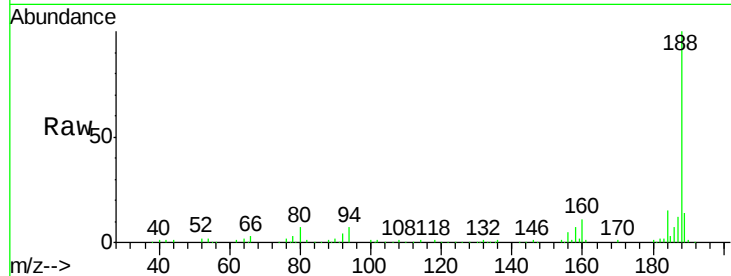




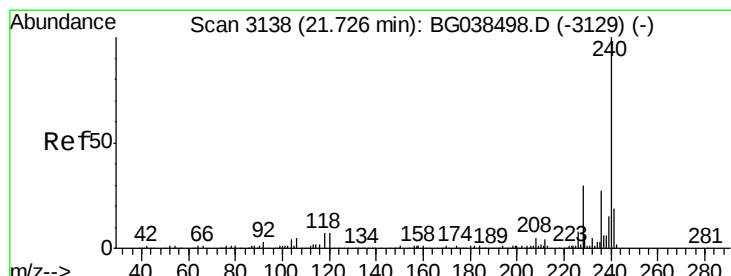
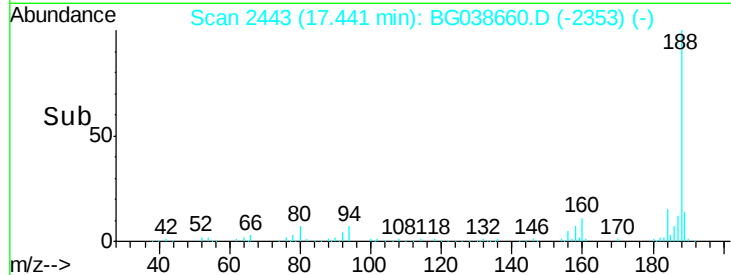
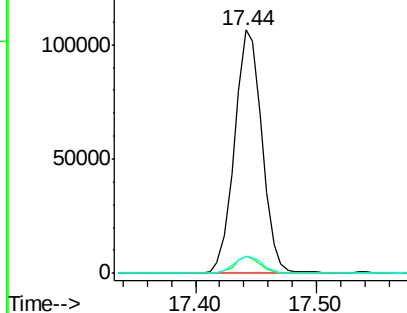
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038660.D
Acq: 17 Dec 2018 13:05

Instrument :
BNA_G
ClientSampleId :
P001-RB-181211

Tgt Ion:188 Resp: 169096
Ion Ratio Lower Upper
188 100
94 7.2 5.1 7.7
80 7.2 6.1 9.1

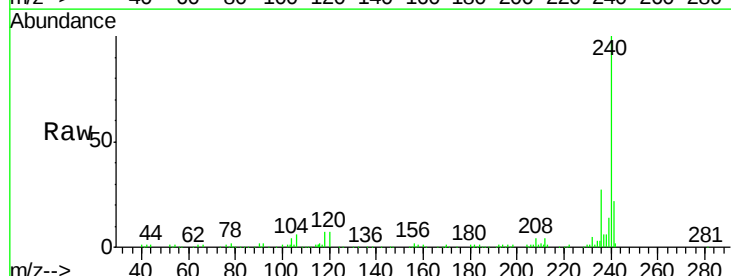


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

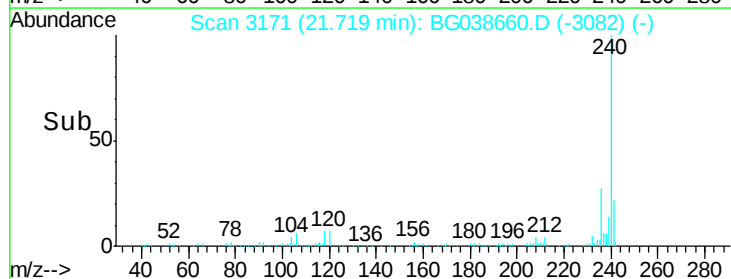
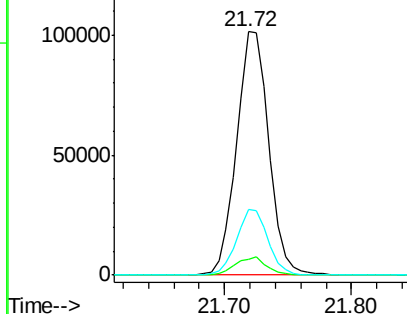


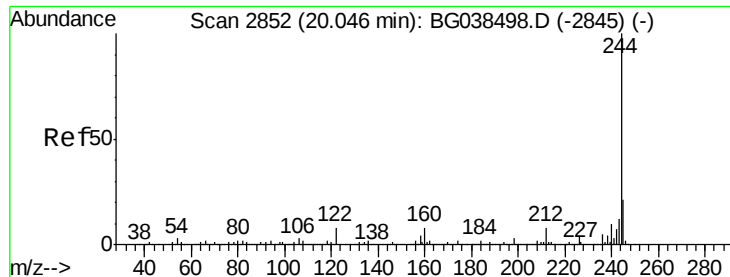
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038660.D
Acq: 17 Dec 2018 13:05

Tgt Ion:240 Resp: 178287
Ion Ratio Lower Upper
240 100
120 6.6 5.3 7.9
236 27.0 21.4 32.2



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: 89.036 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038660.D

Acq: 17 Dec 2018 13:05

Instrument :

BNA_G

ClientSampleId :

P001-RB-181211

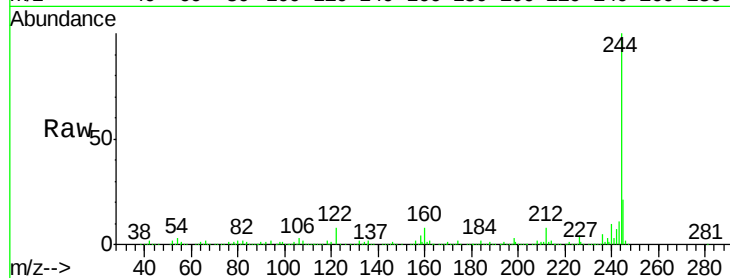
Tgt Ion:244 Resp: 729387

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

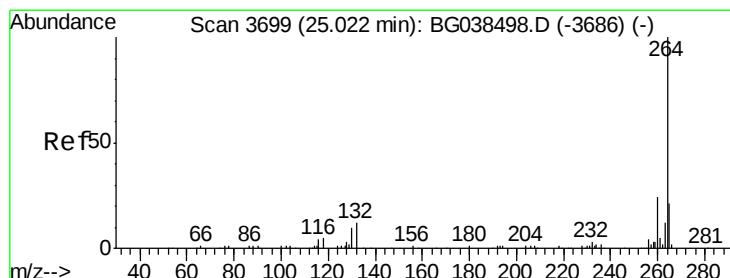
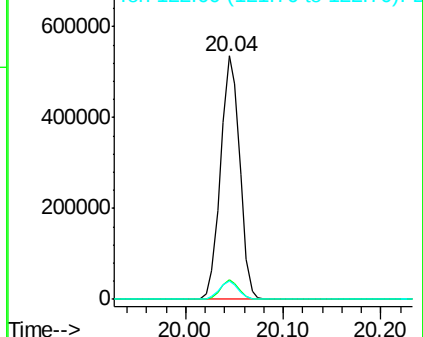
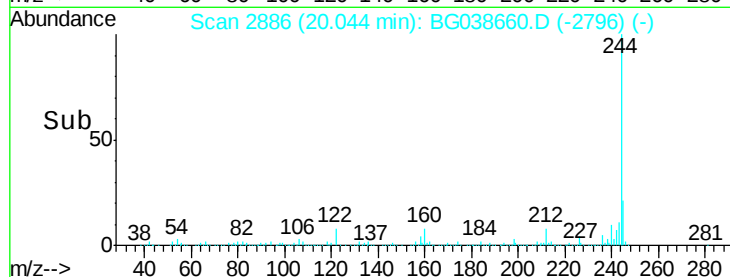
122 7.5 6.3 9.5



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: 25.03 min Scan# 3734

Delta R.T. 0.00 min

Lab File: BG038660.D

Acq: 17 Dec 2018 13:05

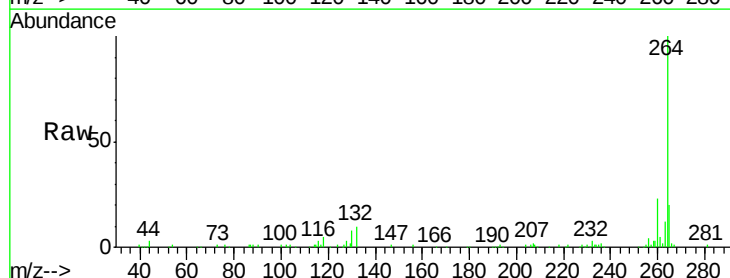
Tgt Ion:264 Resp: 188794

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

265 20.5 17.0 25.4



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

