

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036428.D
 Acq On : 27 Aug 2018 12:49
 Operator : JU/SJ
 Sample : J4612-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR200028

Quant Time: Aug 27 14:12:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	51920	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	210932	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	147302	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	395789	20.00	ng	0.00
75) Chrysene-d12	21.70	240	419498	20.00	ng	-0.01
86) Perylene-d12	24.92	264	424246	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	355368	108.57	ng	0.00
7) Phenol-d6	7.21	99	440237	93.94	ng	0.00
23) Nitrobenzene-d5	9.22	82	332074	85.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	235027	133.72	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	809804	78.50	ng	-0.01
78) Terphenyl-d14	20.04	244	1528334	85.16	ng	-0.01

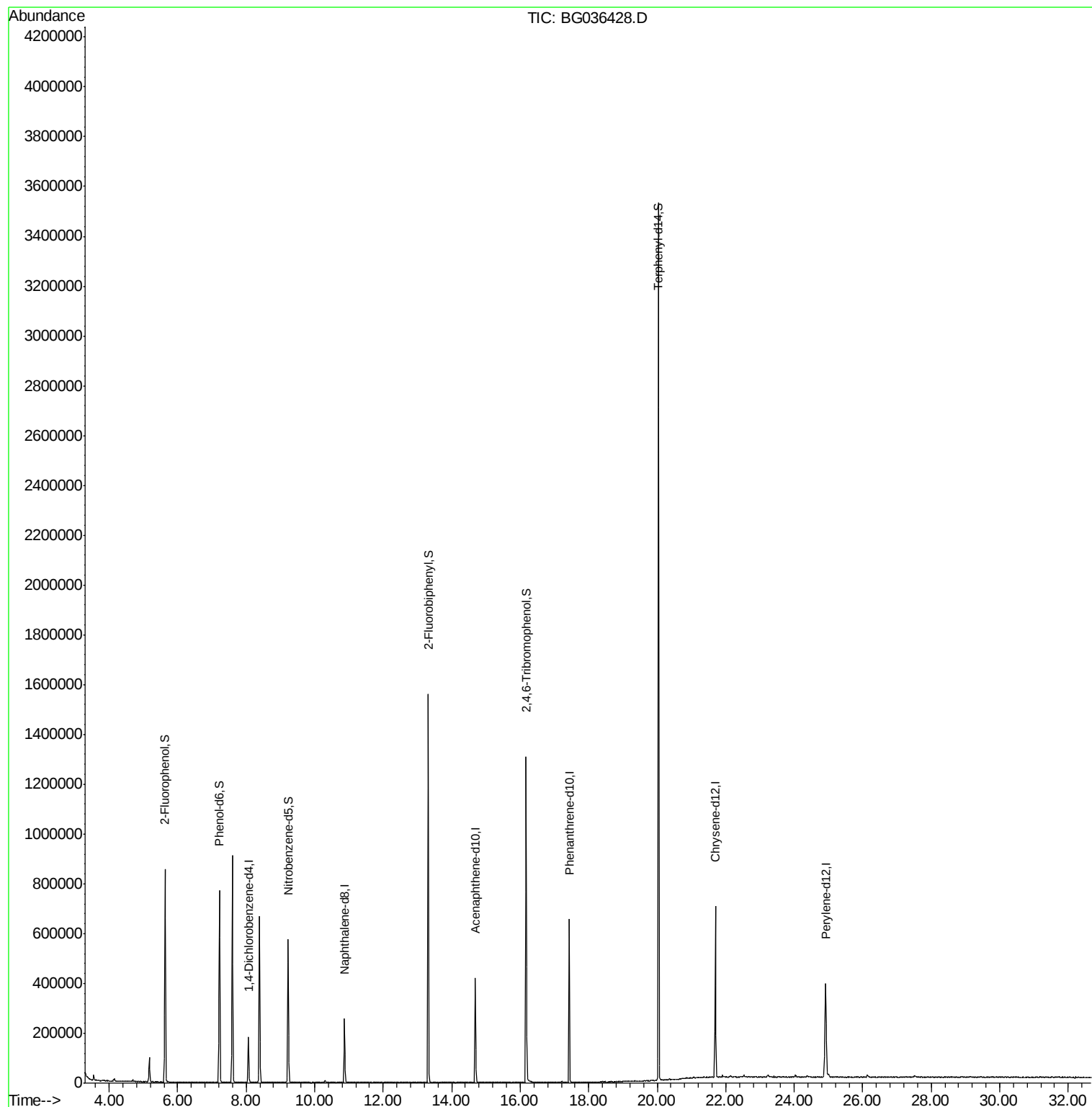
Target Compounds Qvalue

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

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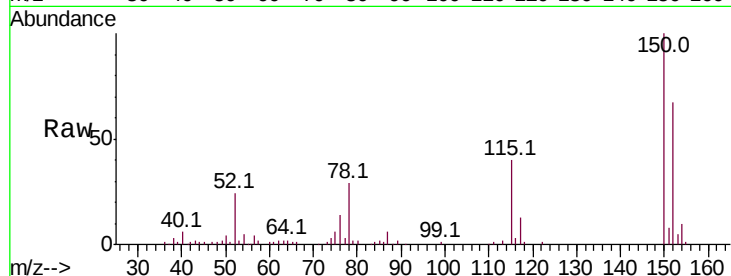


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG036428.D
 Acq: 27 Aug 2018 12:49

Instrument :
 BNA_G
 ClientSampleId :
 RBR200028

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	119.5	179.3
115	59.3	44.5	66.7

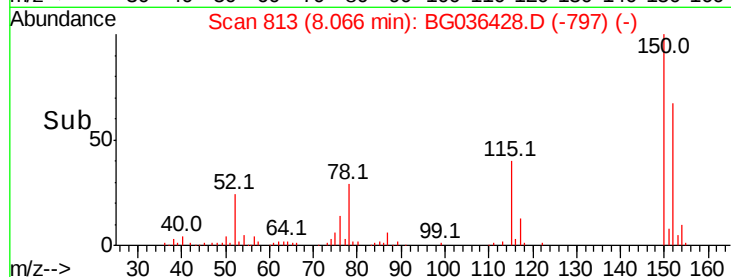
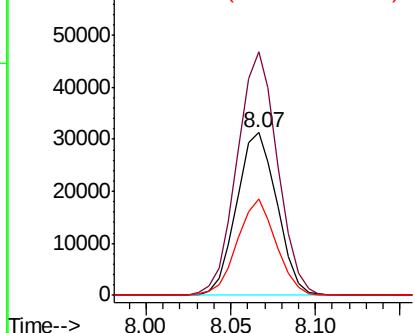


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

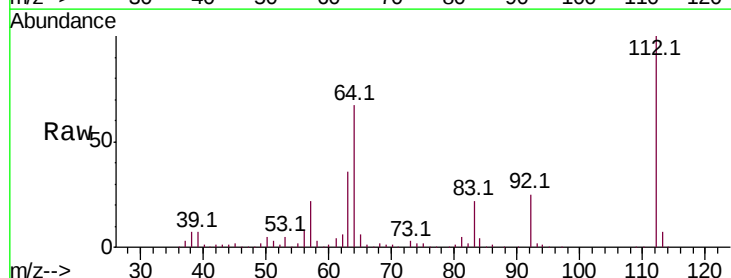
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 108.574 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG036428.D
 Acq: 27 Aug 2018 12:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	57.2	85.8
63	36.1	30.8	46.2

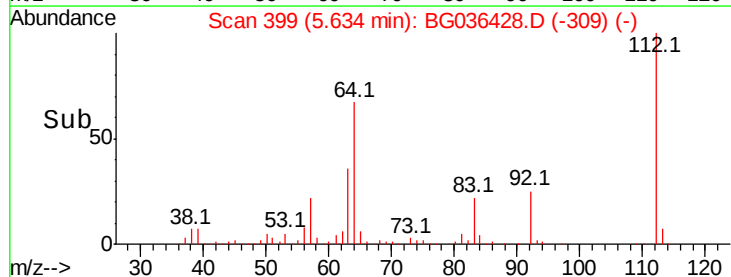
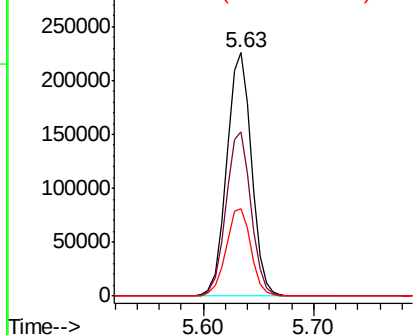


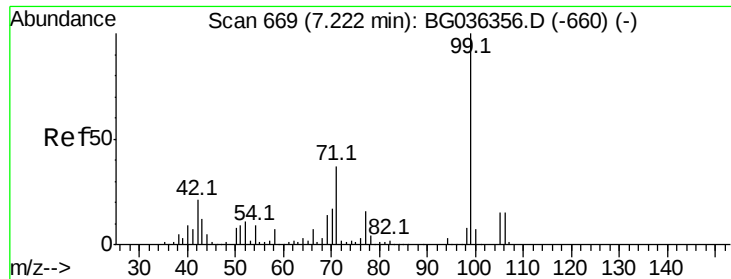
Abundance

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: 93.944 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036428.D

Acq: 27 Aug 2018 12:49

Instrument :

BNA_G

ClientSampleId :

RBR200028

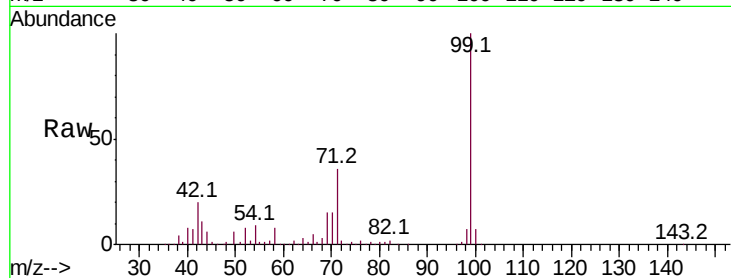
Tot Ion: 99 Resp: 440237

Ion Ratio Lower Upper

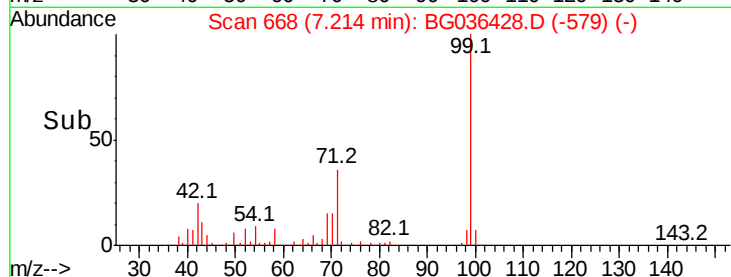
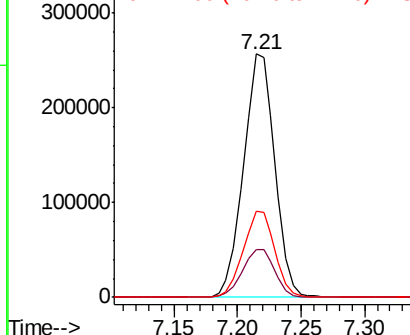
99 100

42 19.8 16.5 24.7

71 35.6 29.4 44.2



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: 10.87 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG036428.D

Acq: 27 Aug 2018 12:49

Tgt Ion: 136 Resp: 210932

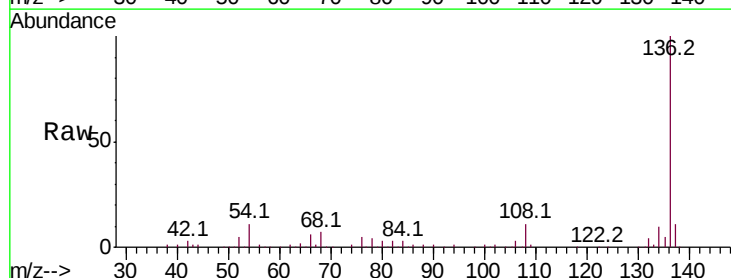
Ion Ratio Lower Upper

136 100

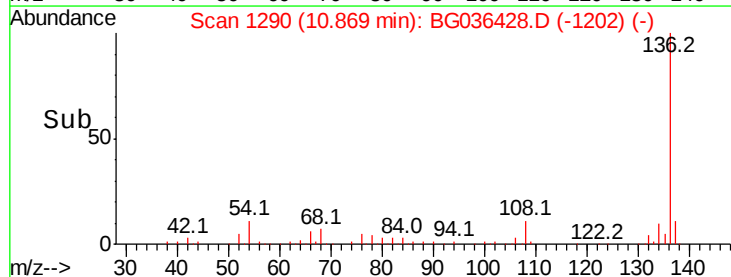
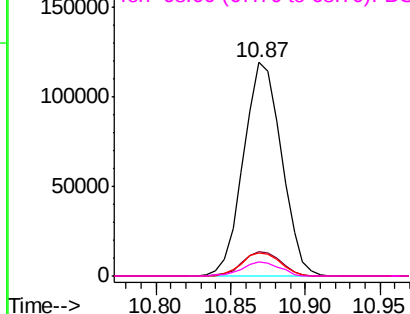
137 11.2 8.8 13.2

54 10.8 9.2 13.8

68 6.9 5.8 8.6



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

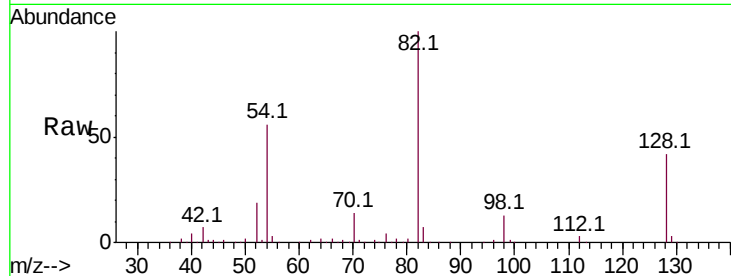




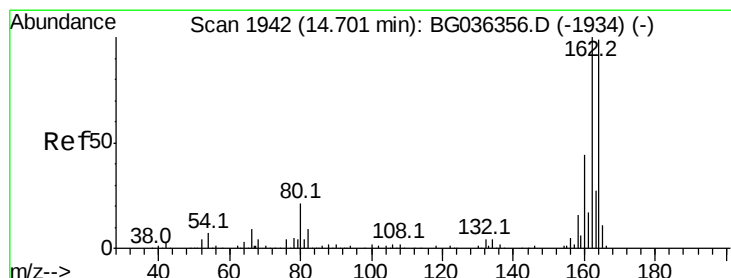
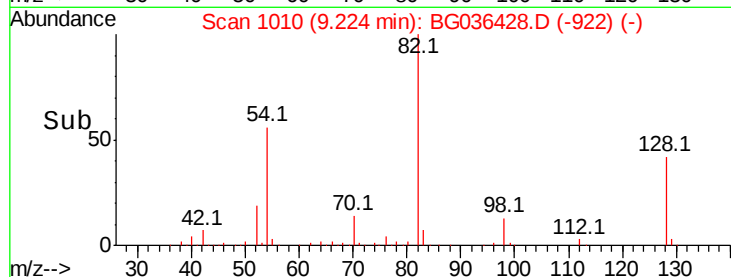
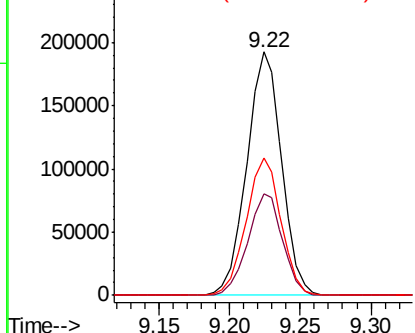
#23
Nitrobenzene-d5
Concen: 85.417 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036428.D
Acq: 27 Aug 2018 12:49

Instrument :
BNA_G
ClientSampleId :
RBR200028

Tot Ion: 82 Resp: 332074
Ion Ratio Lower Upper
82 100
128 41.7 33.3 49.9
54 56.2 45.1 67.7

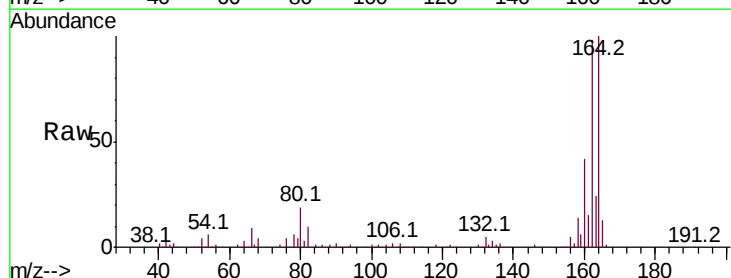


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

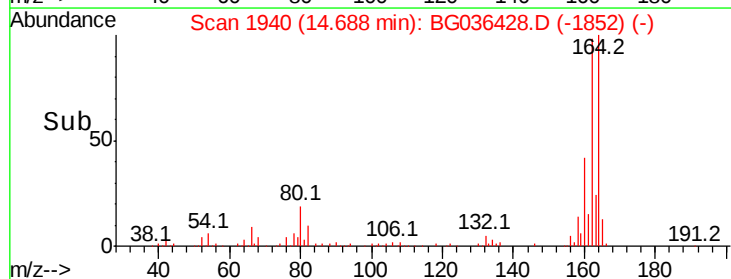
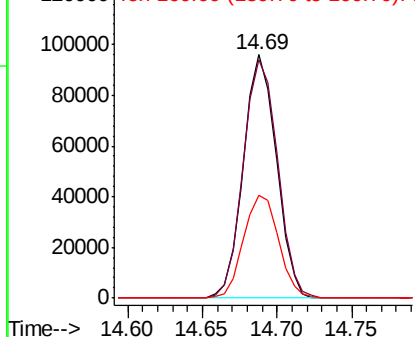


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036428.D
Acq: 27 Aug 2018 12:49

Tgt Ion:164 Resp: 147302
Ion Ratio Lower Upper
164 100
162 98.0 80.7 121.1
160 42.5 35.3 52.9



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

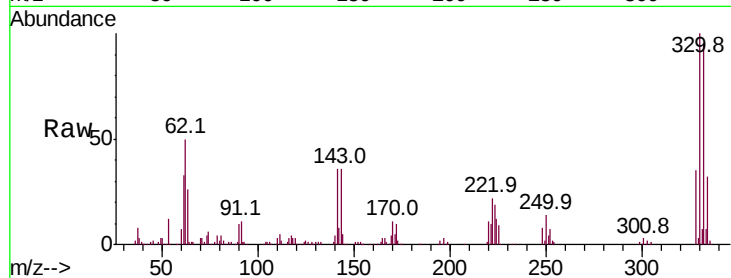




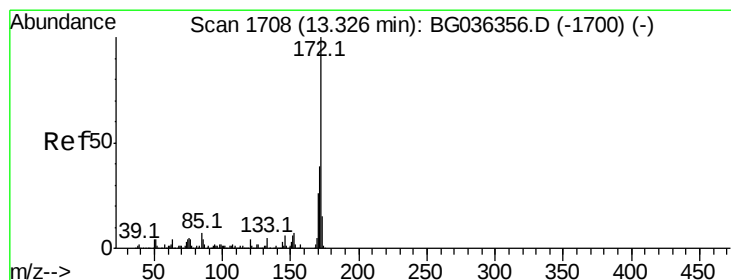
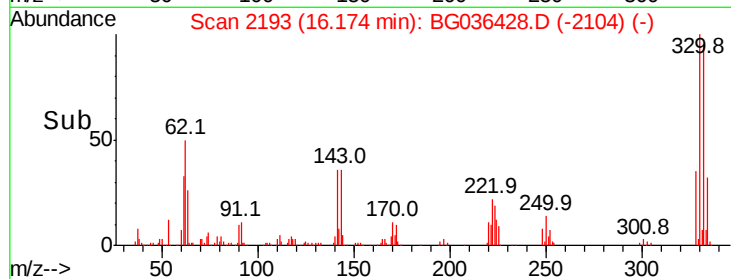
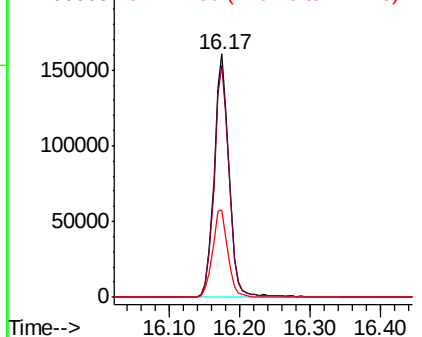
#41
 2,4,6-Tribromophenol
 Concen: 133.717 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036428.D
 Acq: 27 Aug 2018 12:49

Instrument :
 BNA_G
 ClientSampleId :
 RBR200028

Tot Ion:330 Resp: 235027
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.4 113.2
 141 37.0 30.7 46.1

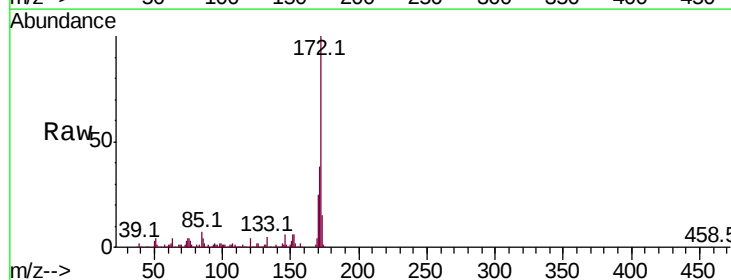


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

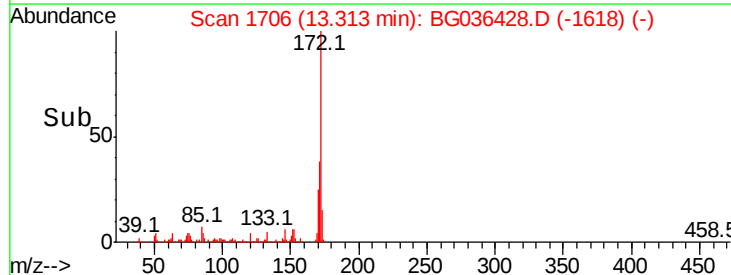
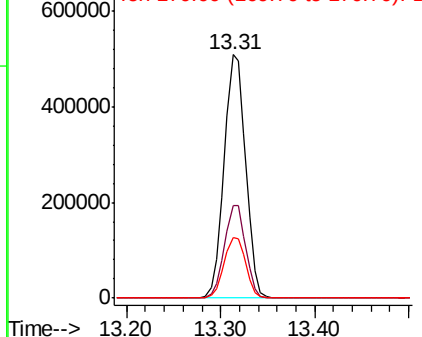


#44
 2-Fluorobiphenyl
 Concen: 78.495 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036428.D
 Acq: 27 Aug 2018 12:49

Tgt Ion:172 Resp: 809804
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.3 46.9
 170 24.9 21.0 31.6



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

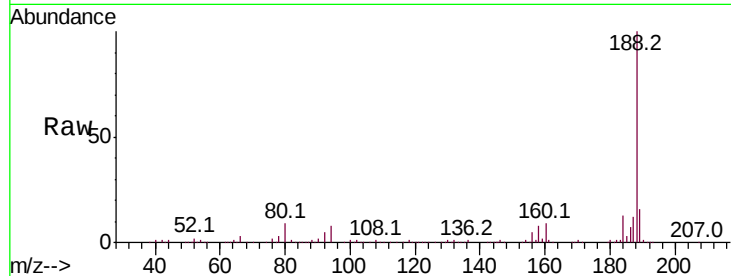




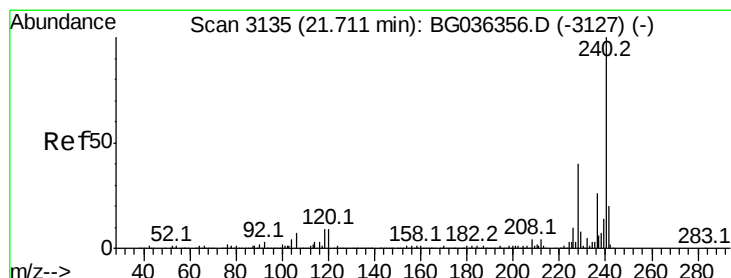
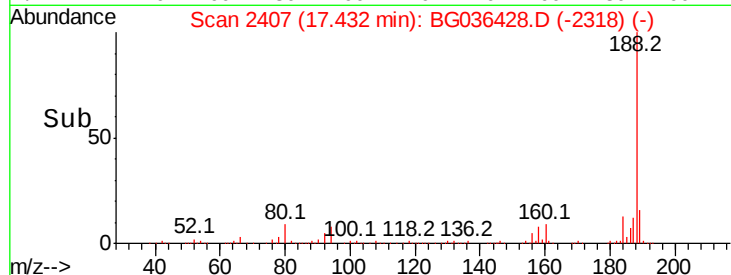
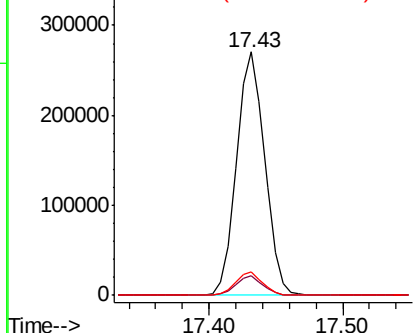
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036428.D
 Acq: 27 Aug 2018 12:49

Instrument :
 BNA_G
 ClientSampleId :
 RBR200028

Tot Ion:188 Resp: 395789
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.7 10.1
 80 9.4 8.1 12.1

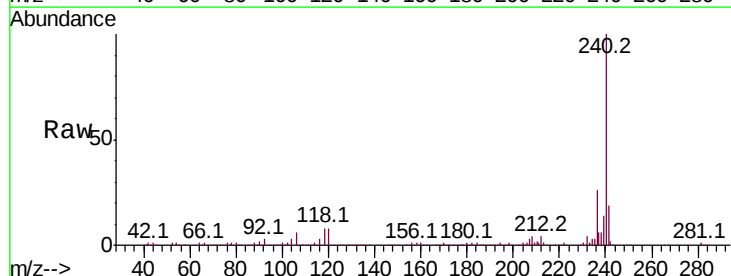


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

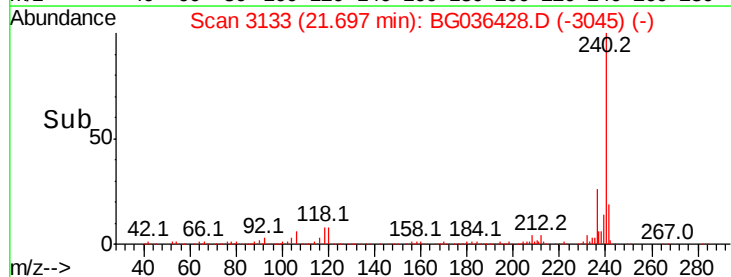
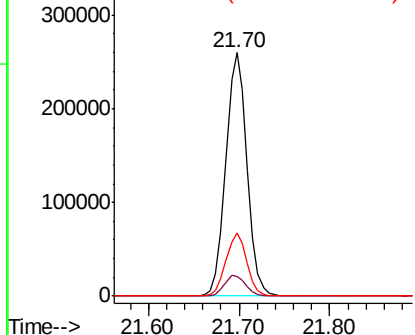


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG036428.D
 Acq: 27 Aug 2018 12:49

Tgt Ion:240 Resp: 419498
 Ion Ratio Lower Upper
 240 100
 120 8.0 6.9 10.3
 236 26.1 21.2 31.8



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





#78

Terphenyl-d14

Concen: 85.155 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036428.D

Acq: 27 Aug 2018 12:49

Instrument :

BNA_G

ClientSampleId :

RBR200028

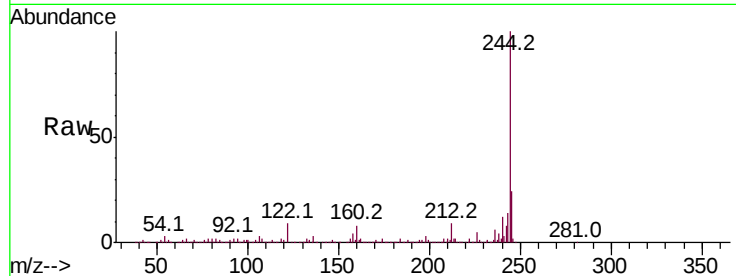
Tot Ion:244 Resp: 1528334

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.3	7.1	10.7

244 100

212 9.0 7.0 10.6

122 9.3 7.1 10.7

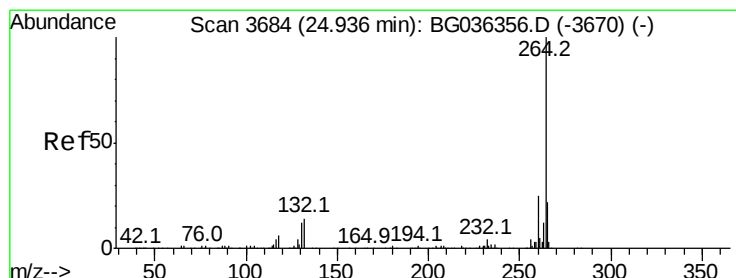
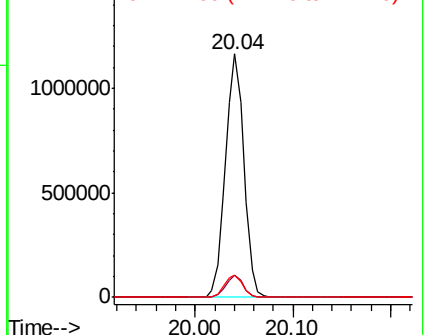
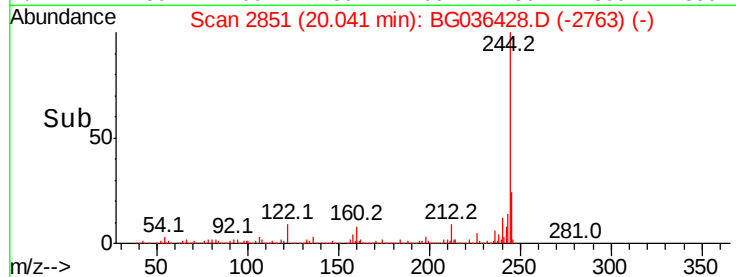


Abundance

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3681

Delta R.T. -0.02 min

Lab File: BG036428.D

Acq: 27 Aug 2018 12:49

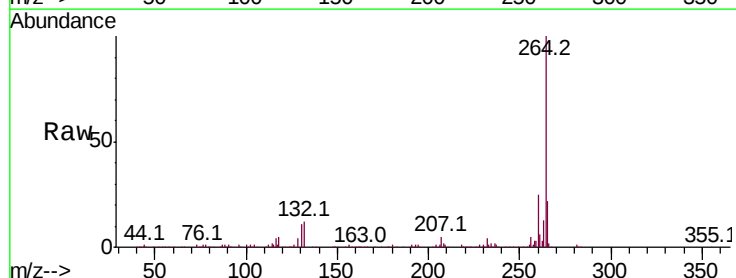
Tgt Ion:264 Resp: 424246

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.7	17.4	26.0

264 100

260 24.6 19.6 29.4

265 21.7 17.4 26.0



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

