

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
 Data File : BG036514.D
 Acq On : 31 Aug 2018 20:26
 Operator : JU/SJ
 Sample : PB112535BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112535BL

Quant Time: Sep 01 01:26:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55561	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	226410	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	155385	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	420722	20.00	ng	0.00
75) Chrysene-d12	21.69	240	456462	20.00	ng	0.00
86) Perylene-d12	24.90	264	406429	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	356061	101.66	ng	0.00
7) Phenol-d6	7.21	99	501843	100.07	ng	0.00
23) Nitrobenzene-d5	9.22	82	297739	71.35	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	202128	109.02	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	734995	67.54	ng	0.00
78) Terphenyl-d14	20.03	244	1352756	69.27	ng	0.00

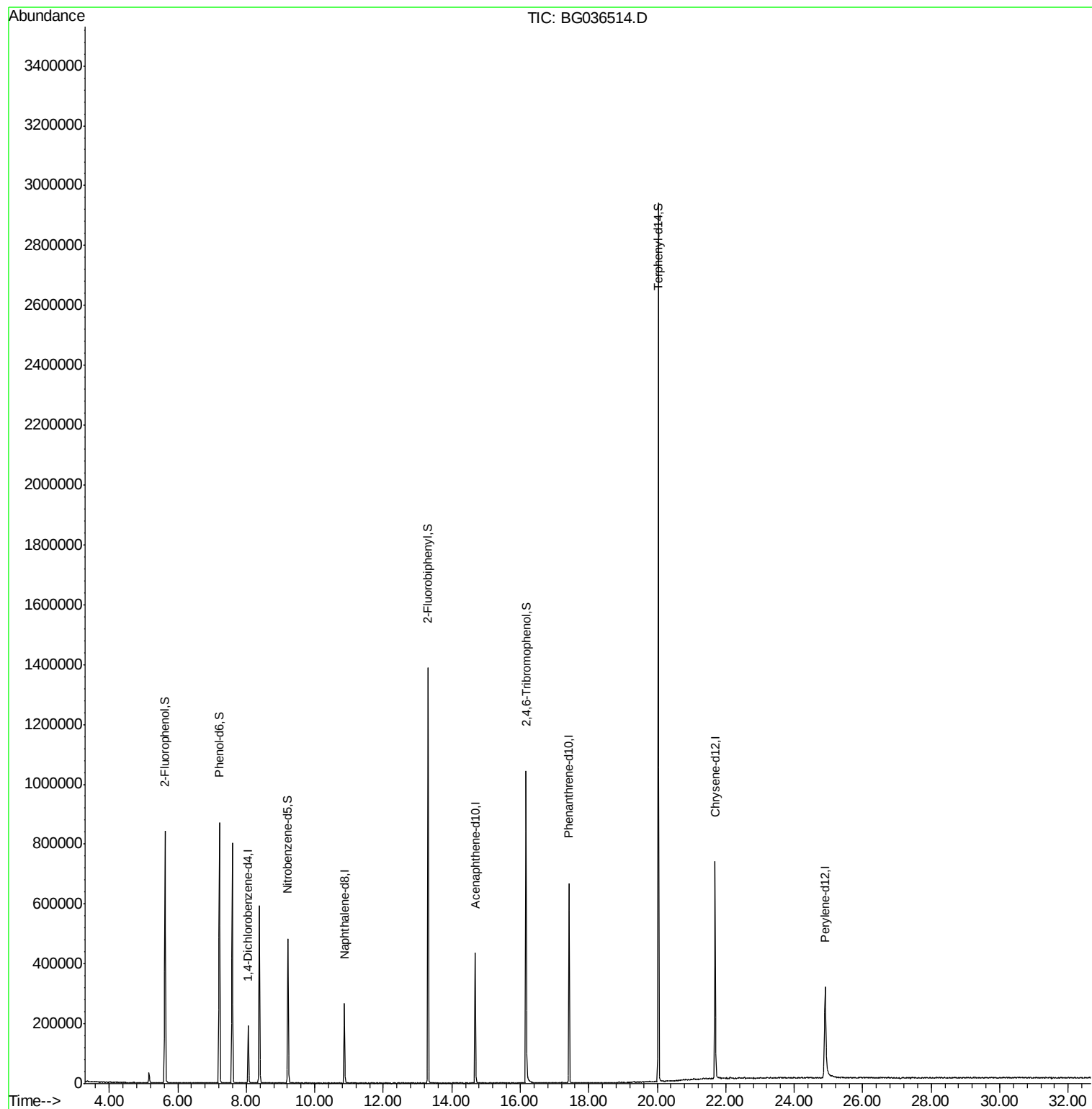
Target Compounds Qvalue

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

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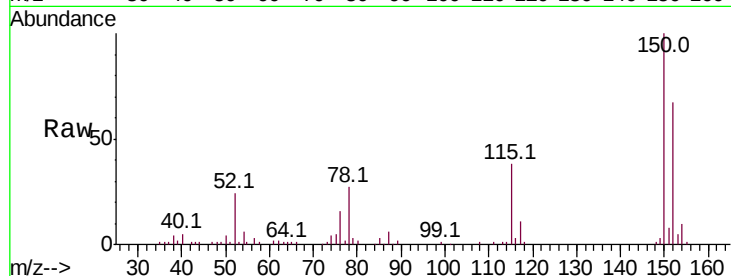


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036514.D
Acq: 31 Aug 2018 20:26

Instrument :
BNA_G
ClientSampleId :
PB112535BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	119.5	179.3
115	56.7	44.5	66.7

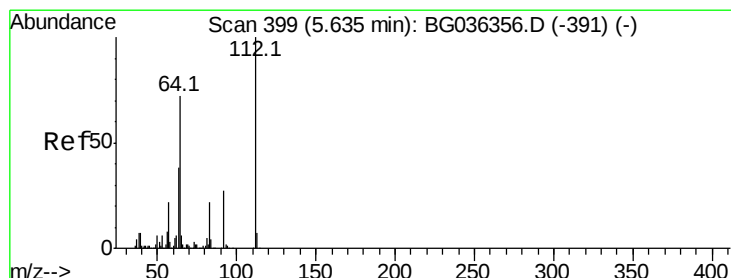
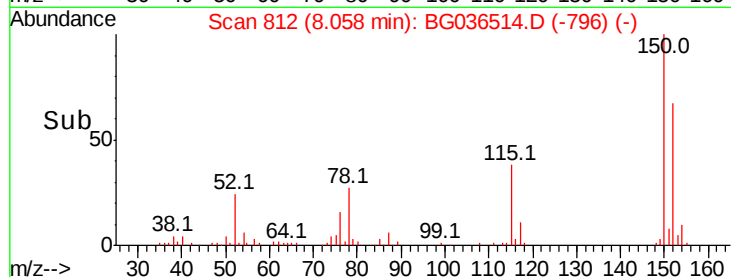
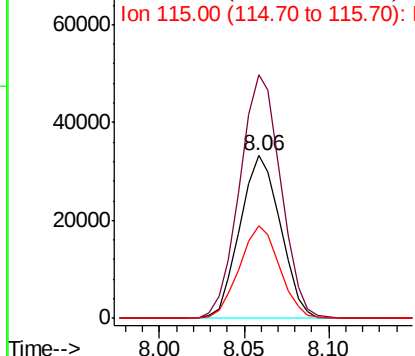


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

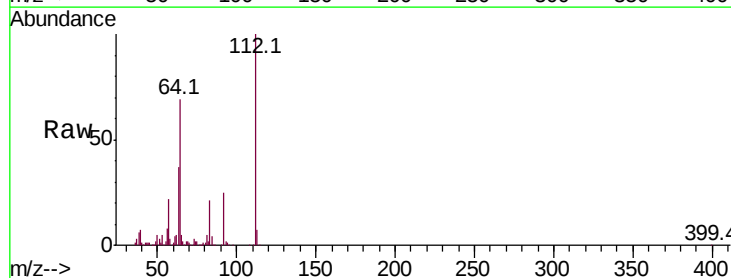
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.657 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036514.D
Acq: 31 Aug 2018 20:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	57.2	85.8
63	36.6	30.8	46.2

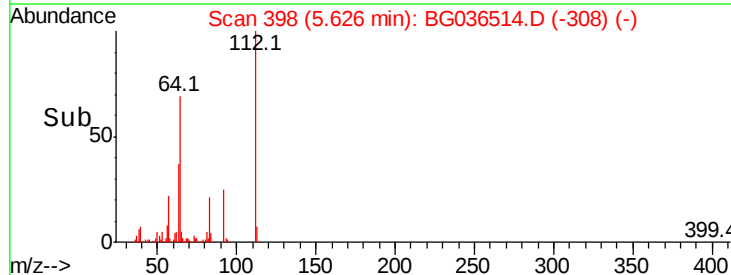
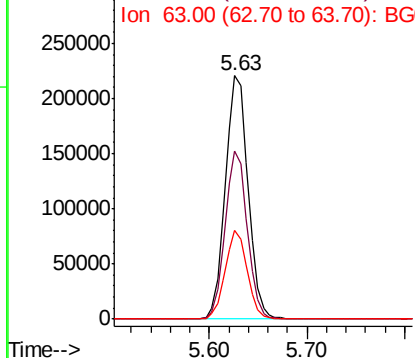


Abundance

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: 100.072 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036514.D

Acq: 31 Aug 2018 20:26

Instrument :

BNA_G

ClientSampleId :

PB112535BL

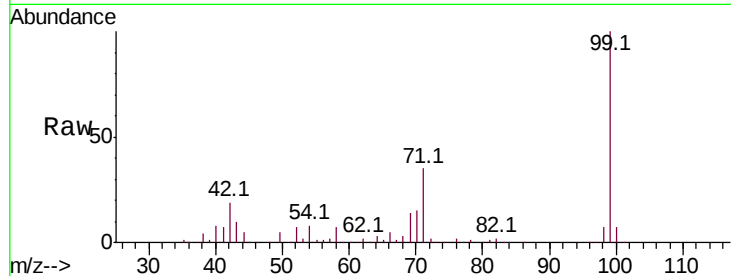
Tot Ion: 99 Resp: 501843

Ion Ratio Lower Upper

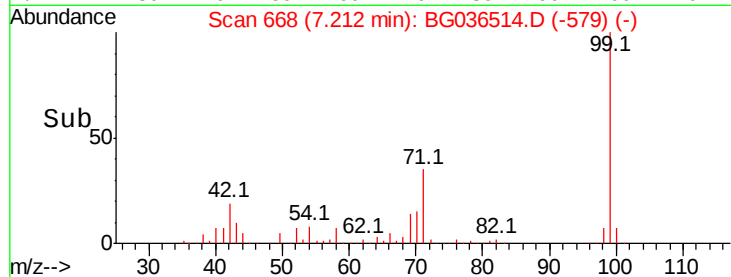
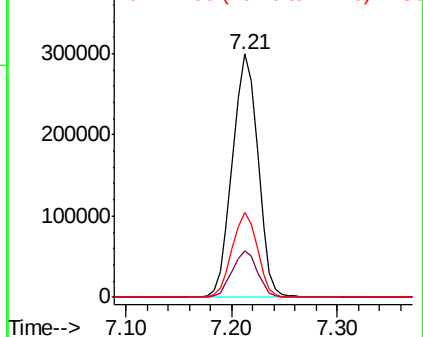
99 100

42 18.9 16.5 24.7

71 35.1 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. 0.00 min

Lab File: BG036514.D

Acq: 31 Aug 2018 20:26

Tgt Ion: 136 Resp: 226410

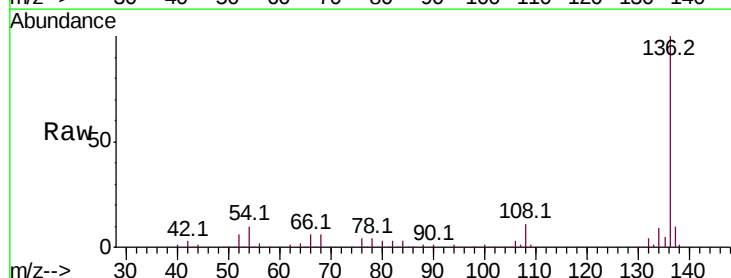
Ion Ratio Lower Upper

136 100

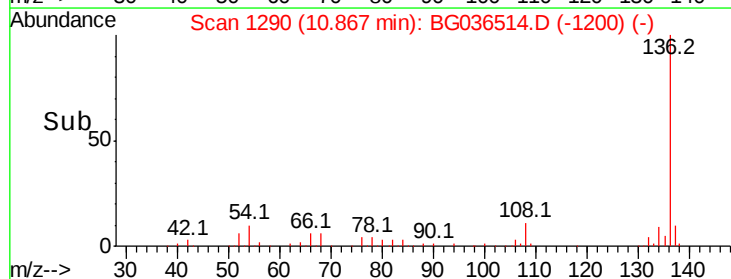
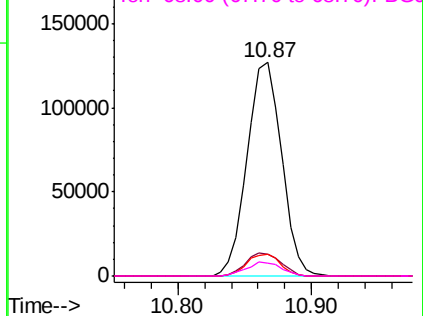
137 10.4 8.8 13.2

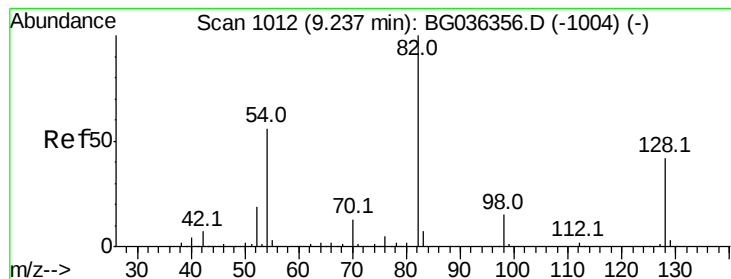
54 10.1 9.2 13.8

68 6.3 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 71.350 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BG036514.D

Acq: 31 Aug 2018 20:26

Instrument :

BNA_G

ClientSampleId :

PB112535BL

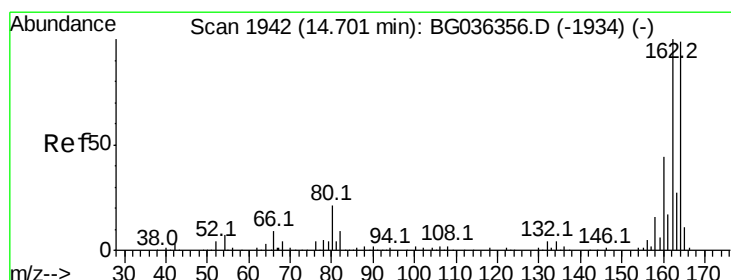
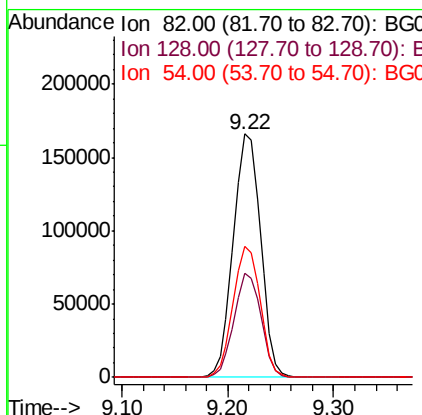
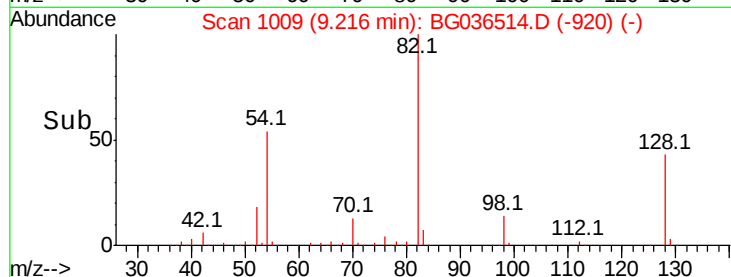
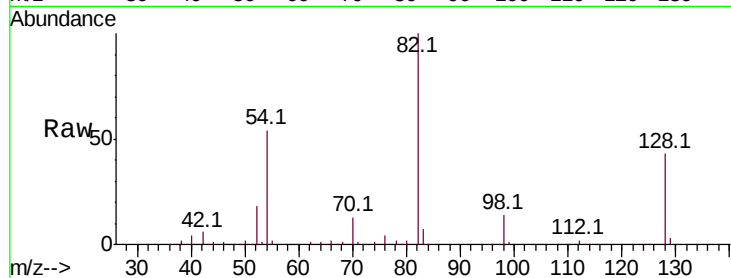
Tot Ion: 82 Resp: 297739

Ion Ratio Lower Upper

82 100

128 42.7 33.3 49.9

54 53.8 45.1 67.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG036514.D

Acq: 31 Aug 2018 20:26

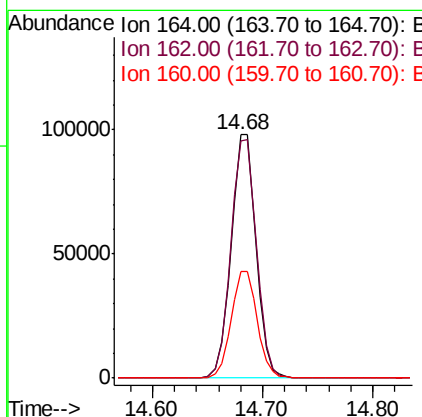
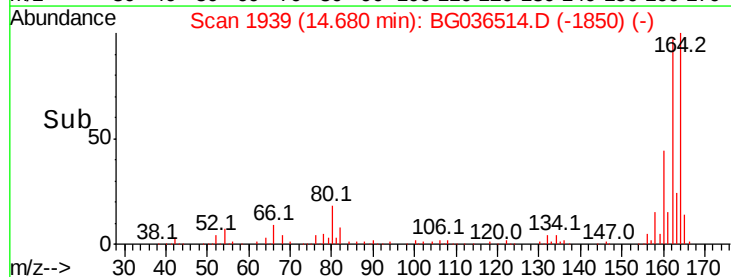
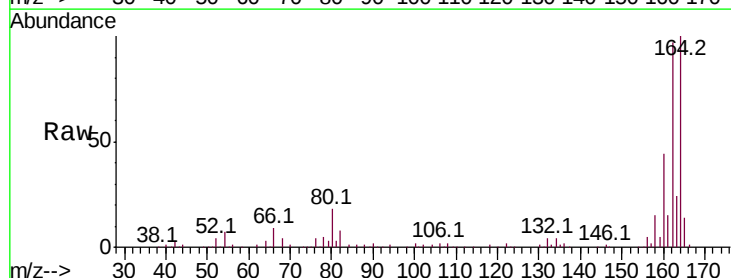
Tgt Ion:164 Resp: 155385

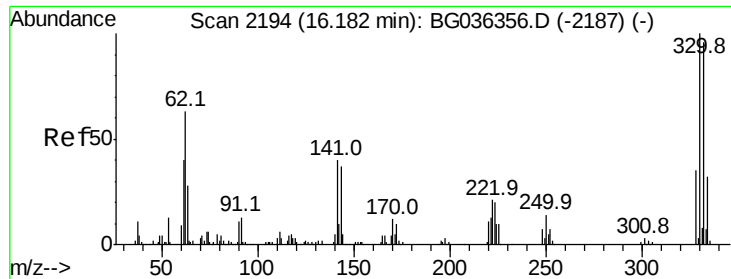
Ion Ratio Lower Upper

164 100

162 97.4 80.7 121.1

160 43.9 35.3 52.9

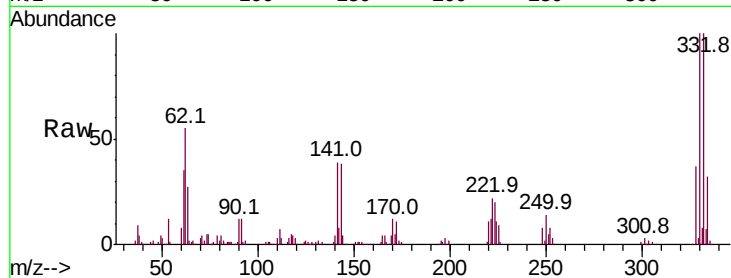




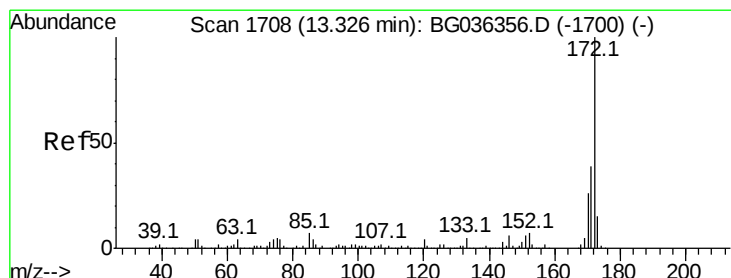
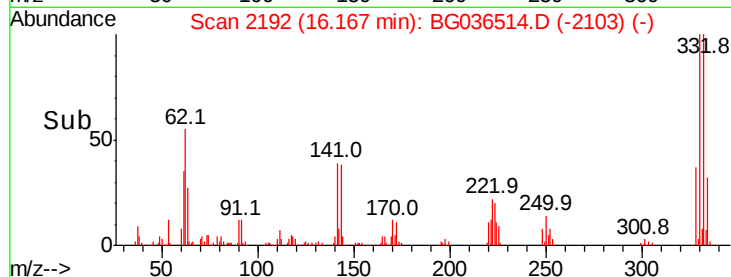
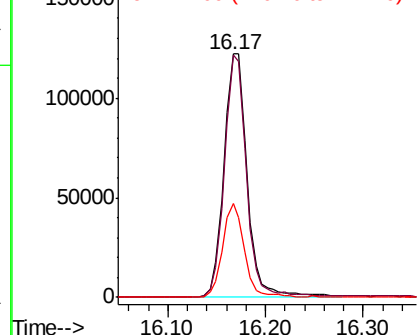
#41
 2,4,6-Tribromophenol
 Concen: 109.017 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036514.D
 Acq: 31 Aug 2018 20:26

Instrument :
 BNA_G
 ClientSampleId :
 PB112535BL

Tot Ion:330 Resp: 202128
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.4 113.2
 141 35.8 30.7 46.1

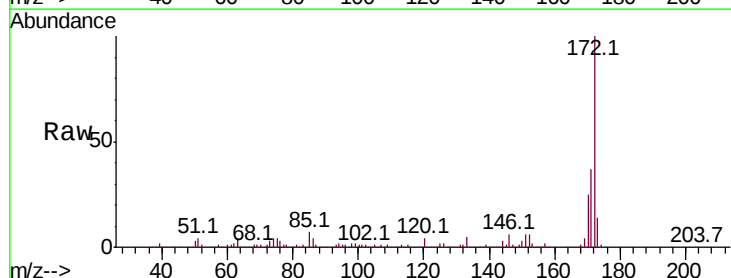


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

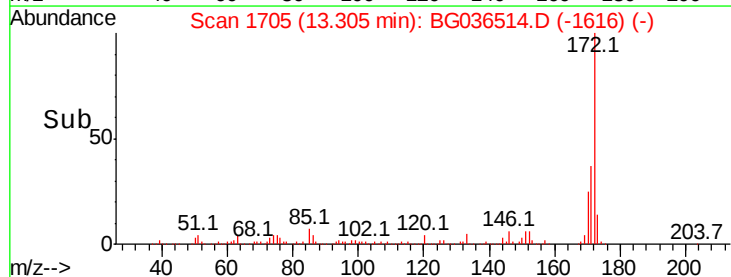
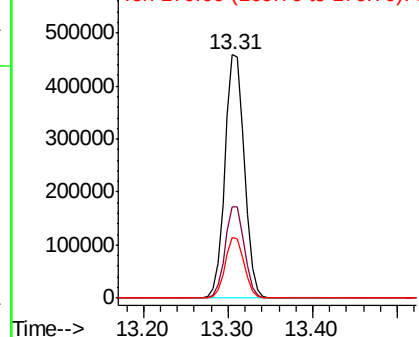


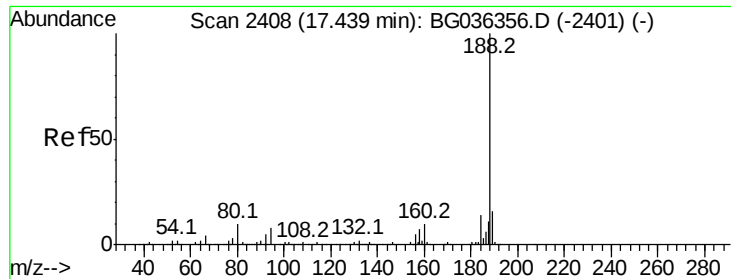
#44
 2-Fluorobiphenyl
 Concen: 67.538 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036514.D
 Acq: 31 Aug 2018 20:26

Tgt Ion:172 Resp: 734995
 Ion Ratio Lower Upper
 172 100
 171 37.4 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

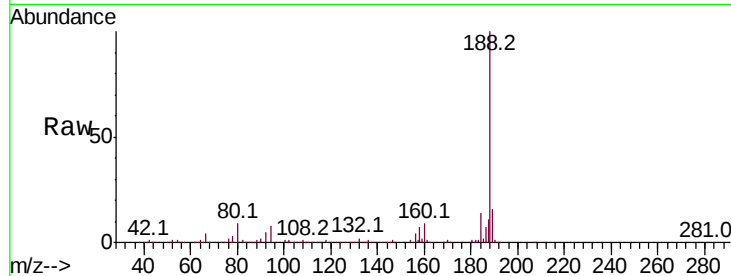




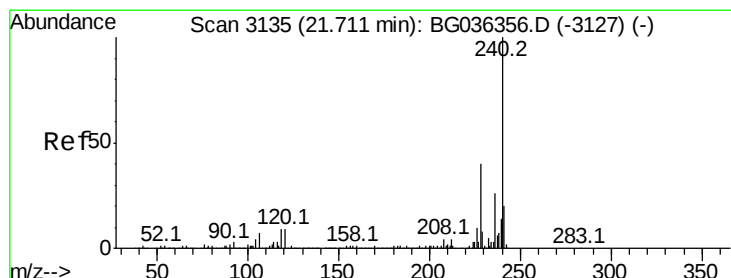
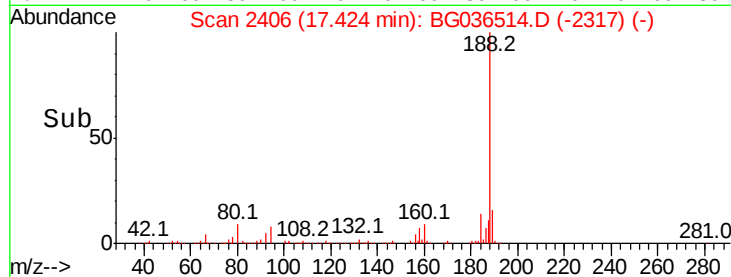
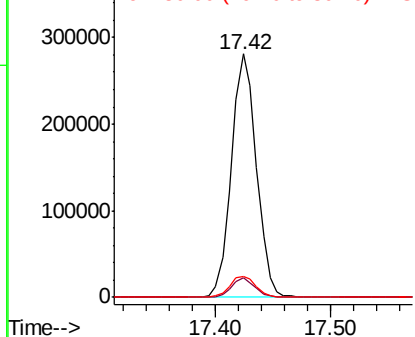
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036514.D
Acq: 31 Aug 2018 20:26

Instrument :
BNA_G
ClientSampleId :
PB112535BL

Tot Ion:188 Resp: 420722
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.6 8.1 12.1

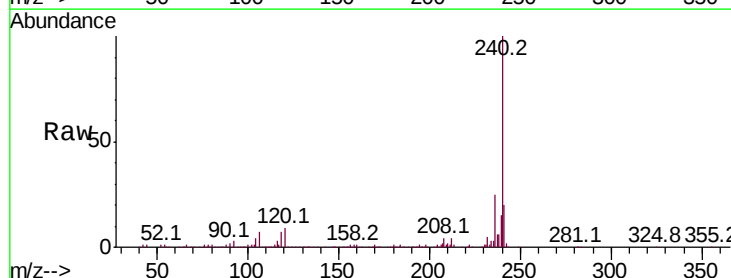


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

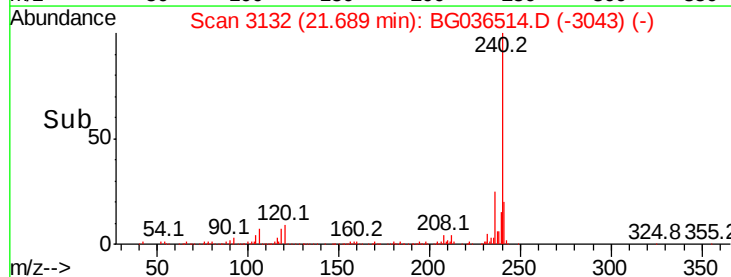
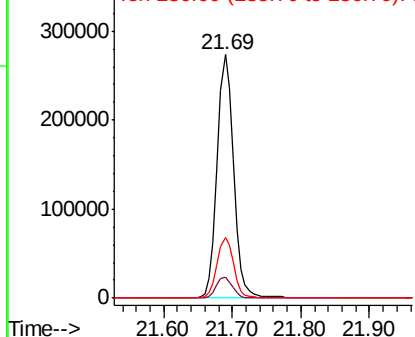


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG036514.D
Acq: 31 Aug 2018 20:26

Tgt Ion:240 Resp: 456462
Ion Ratio Lower Upper
240 100
120 8.8 6.9 10.3
236 24.9 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: 69.269 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036514.D

Acq: 31 Aug 2018 20:26

Instrument :

BNA_G

ClientSampleId :

PB112535BL

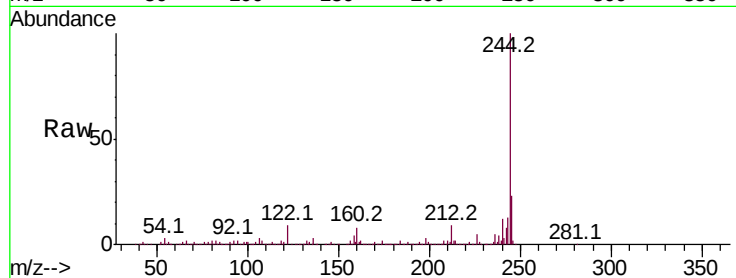
Tot Ion:244 Resp: 1352756

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

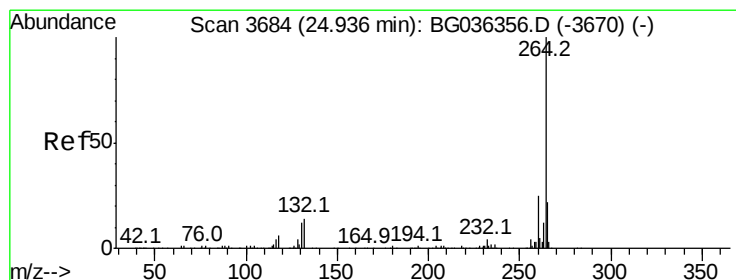
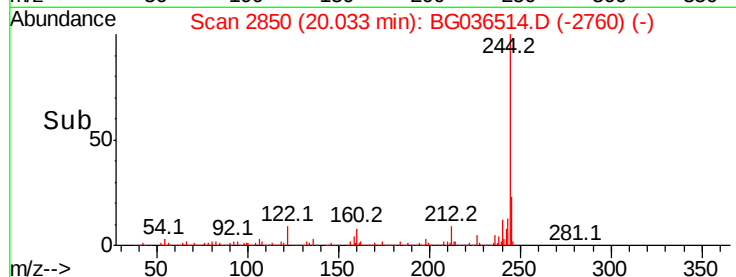
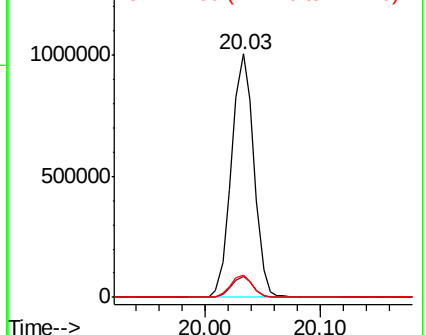
122 9.2 7.1 10.7



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: 24.90 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG036514.D

Acq: 31 Aug 2018 20:26

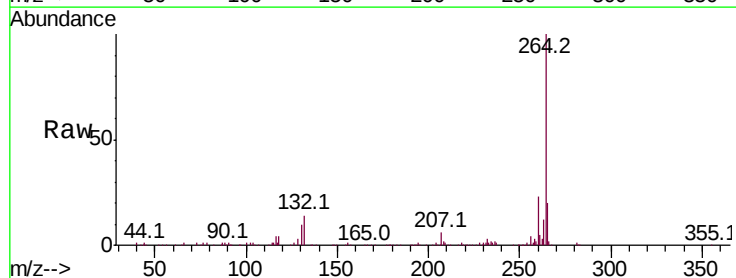
Tgt Ion:264 Resp: 406429

Ion Ratio Lower Upper

264 100

260 23.1 19.6 29.4

265 20.1 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

