

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036745.D
 Acq On : 15 Sep 2018 17:35
 Operator : JU/SJ
 Sample : PB112846BL
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112846BL

Quant Time: Sep 17 04:37:42 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	8.05	152	55707	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	230107	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	153918	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	423038	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	446448	20.00	ng	-0.02
86) Perylene-d12	24.88	264	443360	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	427874	121.84	ng	0.00
7) Phenol-d6	7.21	99	586054	116.56	ng	-0.01
23) Nitrobenzene-d5	9.21	82	360513	85.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	182337	99.28	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	861834	79.95	ng	-0.01
78) Terphenyl-d14	20.02	244	1590212	83.25	ng	-0.01

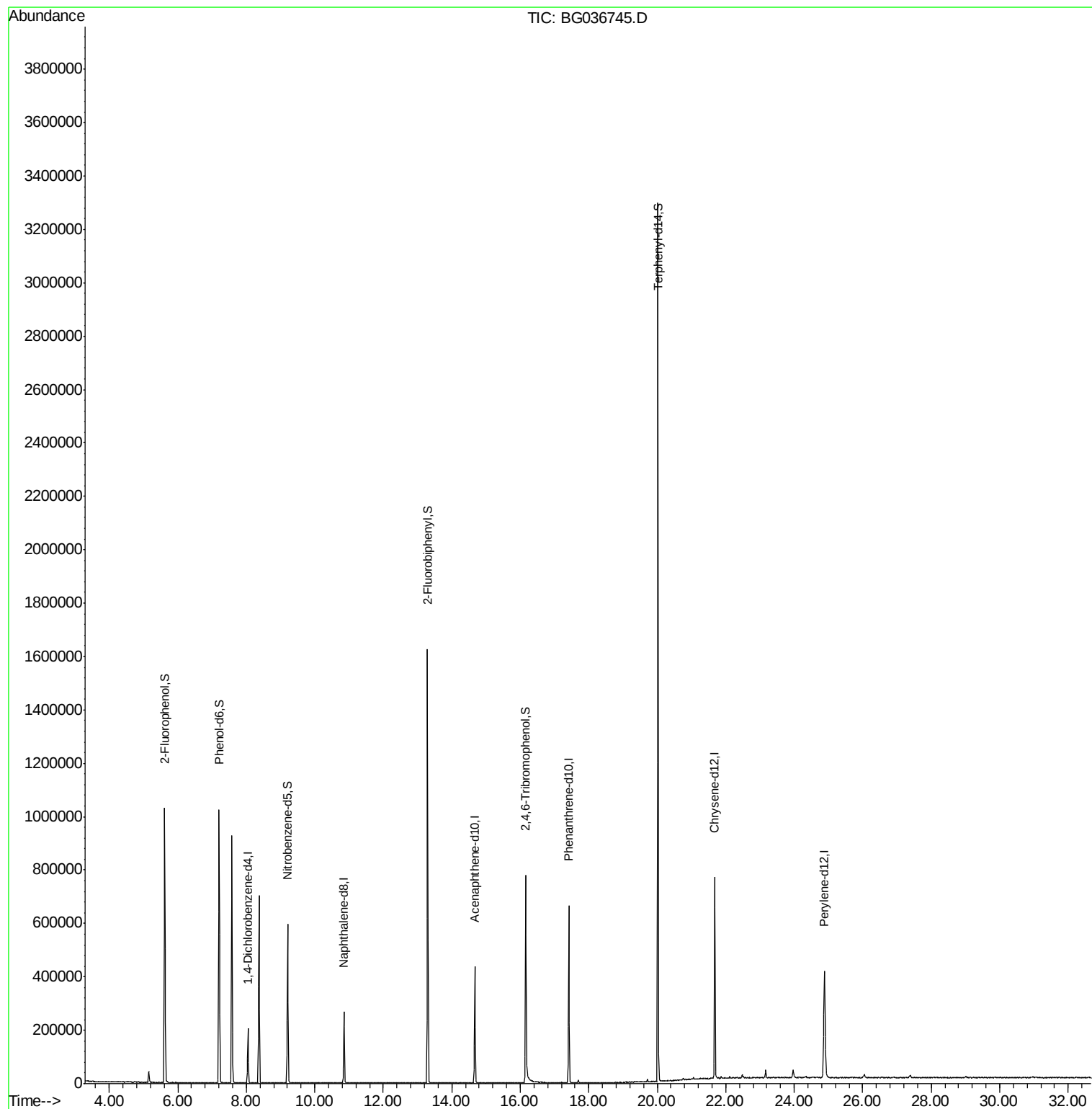
Target Compounds Qvalue

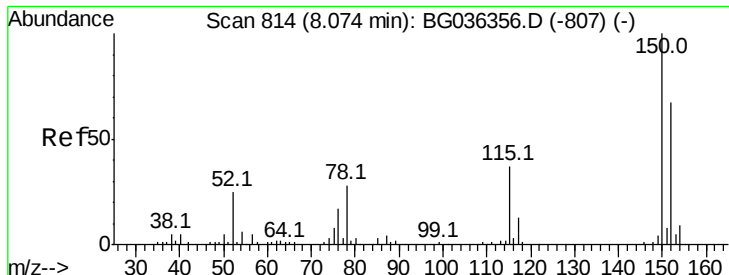
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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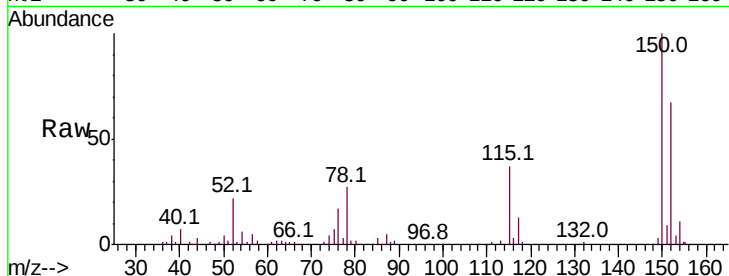


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036745.D
Acq: 15 Sep 2018 17:35

Instrument :
BNA_G
ClientSampleId :
PB112846BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	119.5	179.3
115	54.7	44.5	66.7

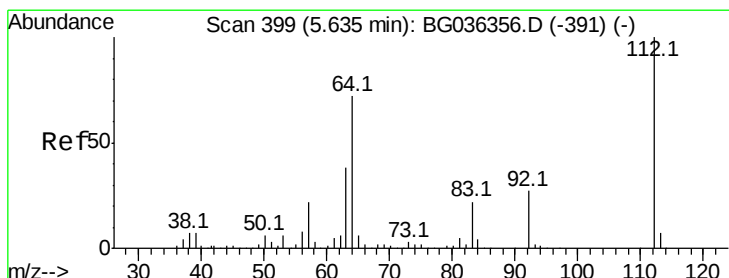
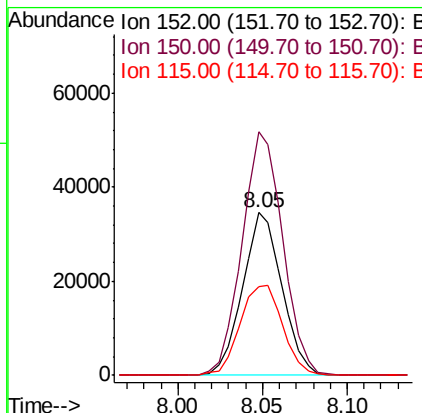
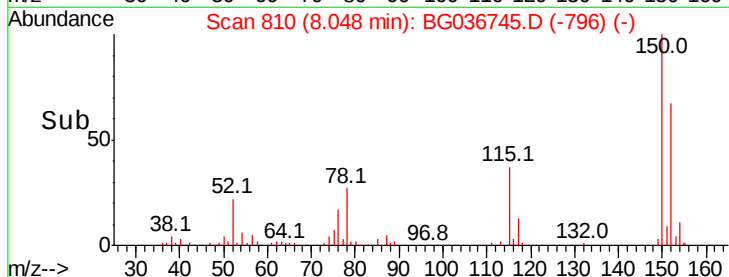


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

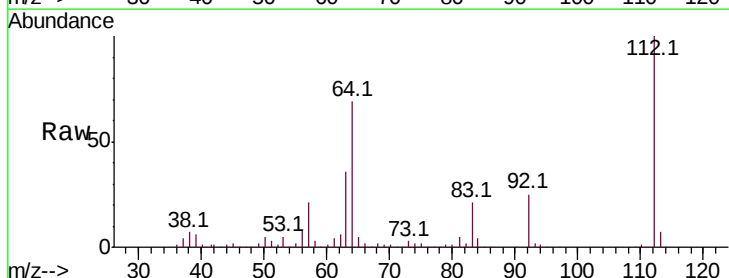
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.840 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036745.D
Acq: 15 Sep 2018 17:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	57.2	85.8
63	36.5	30.8	46.2

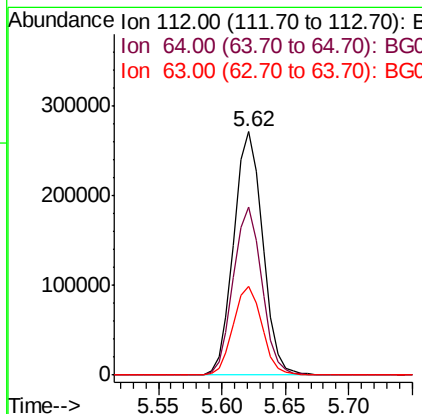
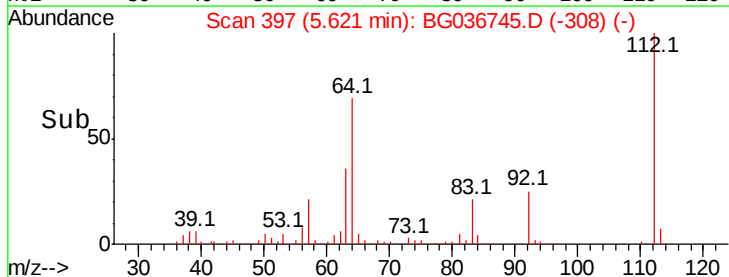


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 116.558 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036745.D

Acq: 15 Sep 2018 17:35

Instrument :

BNA_G

ClientSampleId :

PB112846BL

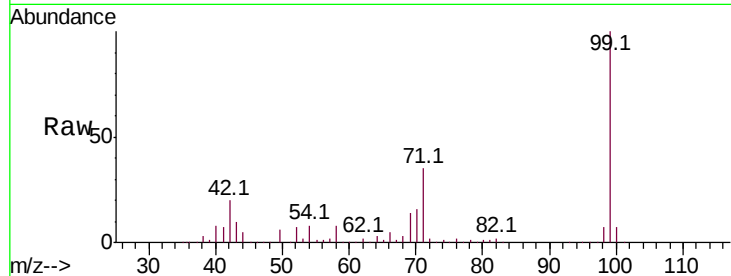
Tot Ion: 99 Resp: 586054

Ion Ratio Lower Upper

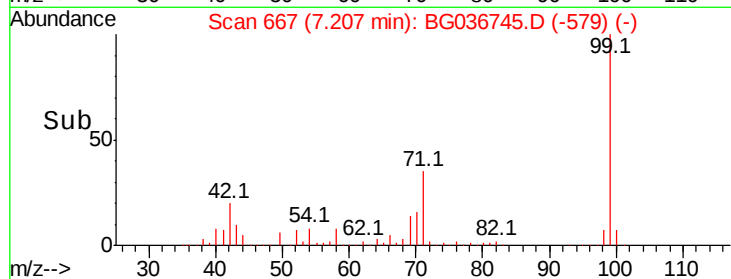
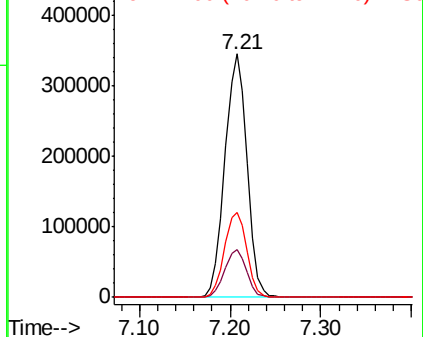
99 100

42 19.9 16.5 24.7

71 34.9 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: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036745.D

Acq: 15 Sep 2018 17:35

Tgt Ion: 136 Resp: 230107

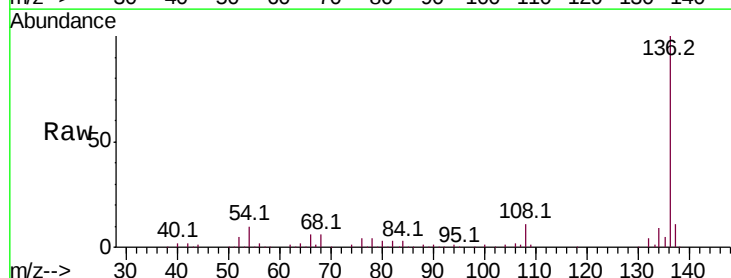
Ion Ratio Lower Upper

136 100

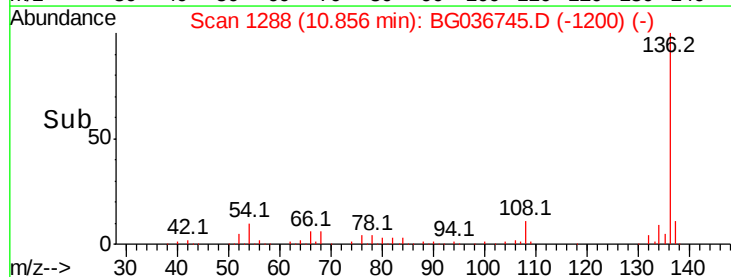
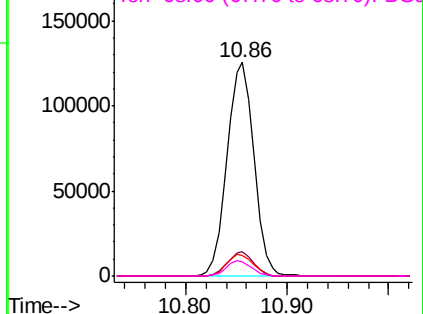
137 11.4 8.8 13.2

54 9.8 9.2 13.8

68 6.5 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

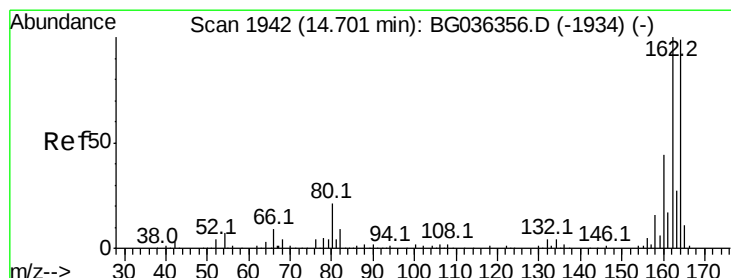
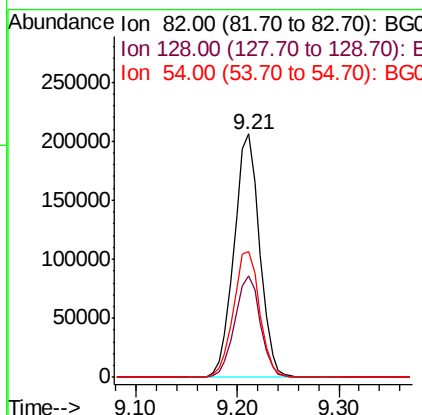
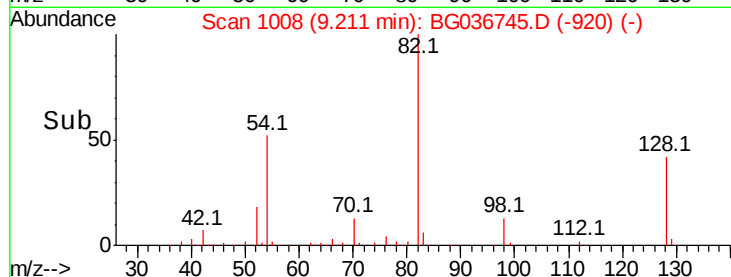
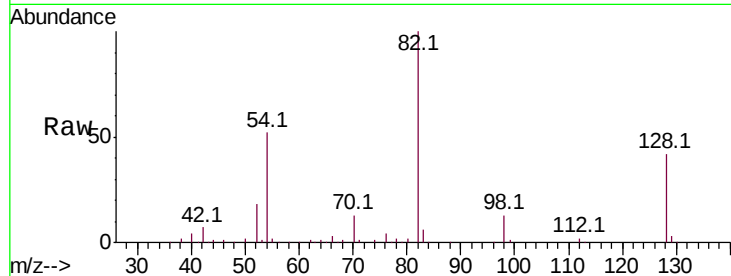




#23
 Nitrobenzene-d5
 Concen: 85.005 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036745.D
 Acq: 15 Sep 2018 17:35

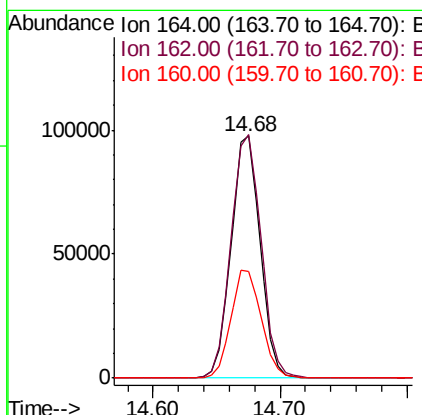
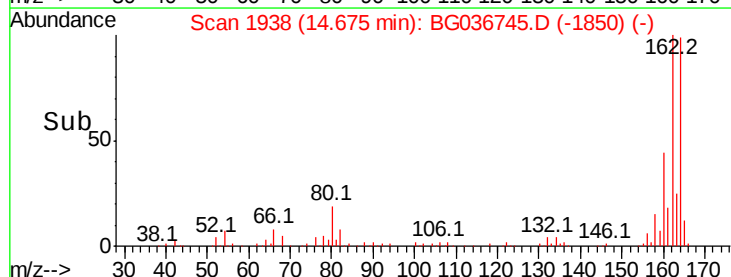
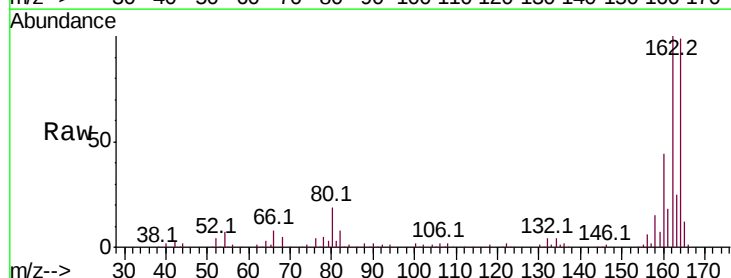
Instrument :
 BNA_G
 ClientSampled :
 PB112846BL

Tot Ion: 82 Resp: 360513
 Ion Ratio Lower Upper
 82 100
 128 41.9 33.3 49.9
 54 51.9 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036745.D
 Acq: 15 Sep 2018 17:35

Tgt Ion: 164 Resp: 153918
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.7 121.1
 160 44.1 35.3 52.9

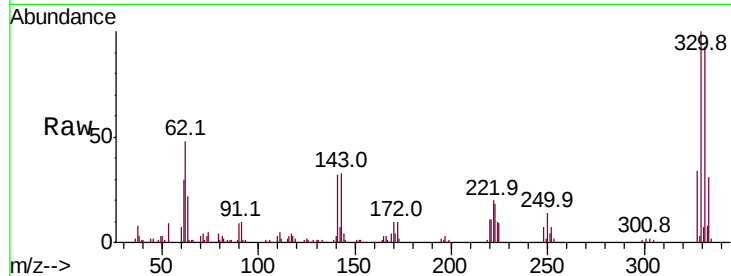




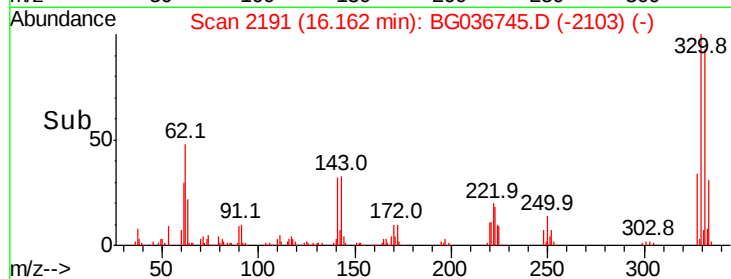
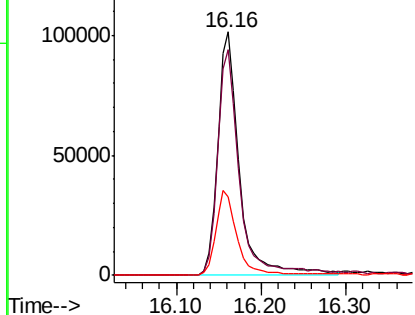
#41
 2,4,6-Tribromophenol
 Concen: 99.280 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036745.D
 Acq: 15 Sep 2018 17:35

Instrument :
 BNA_G
 ClientSampleId :
 PB112846BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	91.9	75.4	113.2
141	34.1	30.7	46.1

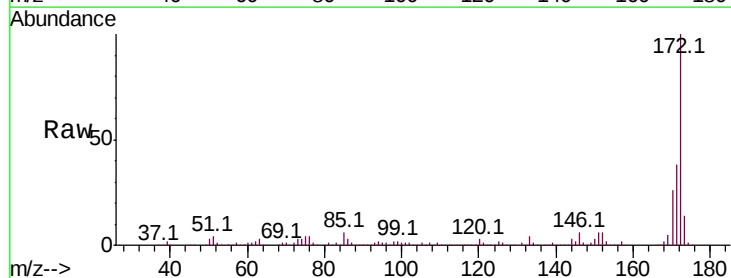


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

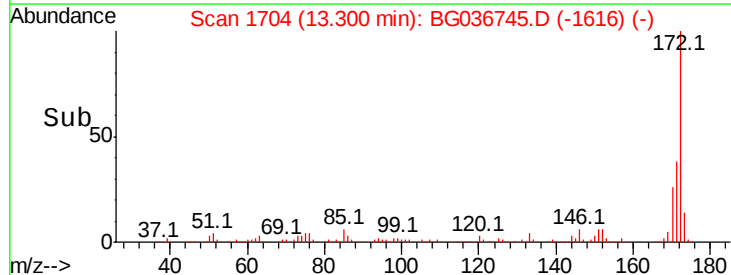
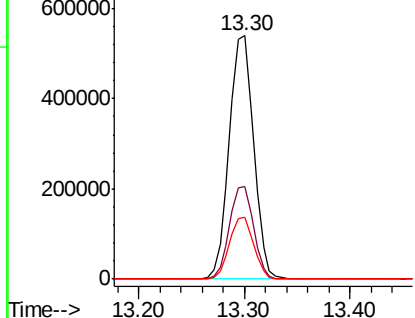


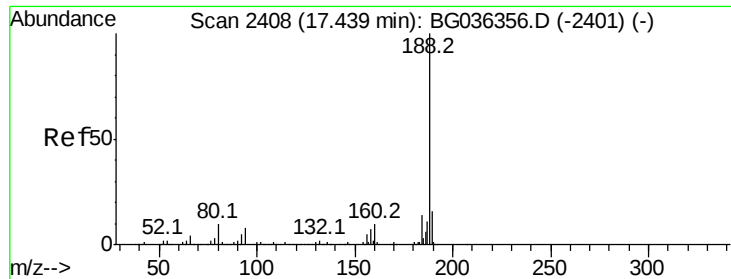
#44
 2-Fluorobiphenyl
 Concen: 79.948 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036745.D
 Acq: 15 Sep 2018 17:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	25.6	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

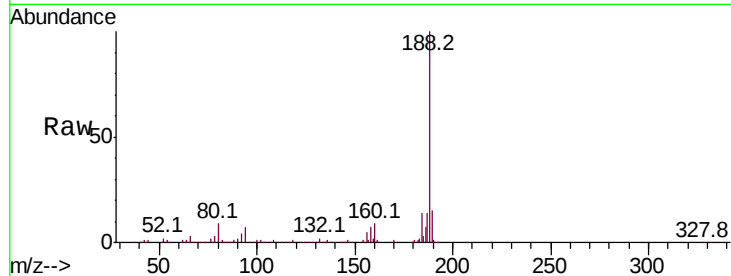




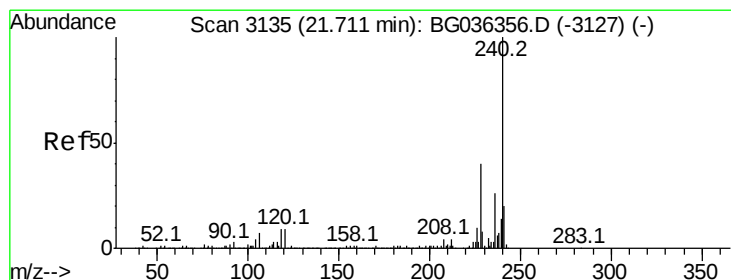
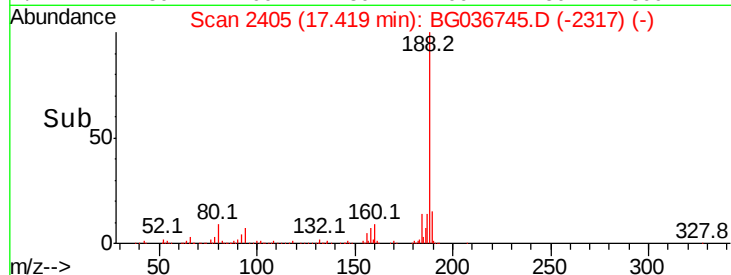
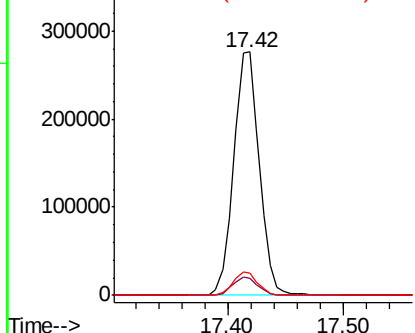
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036745.D
Acq: 15 Sep 2018 17:35

Instrument :
BNA_G
ClientSampleId :
PB112846BL

Tot Ion:188 Resp: 423038
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 9.0 8.1 12.1

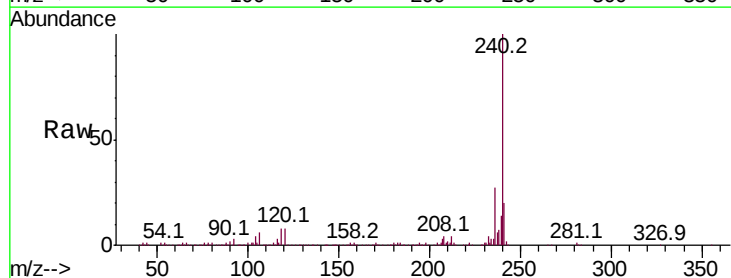


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

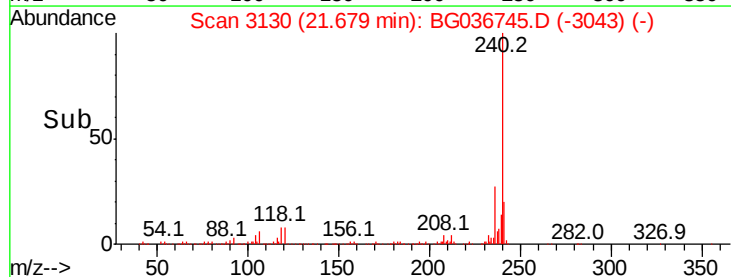
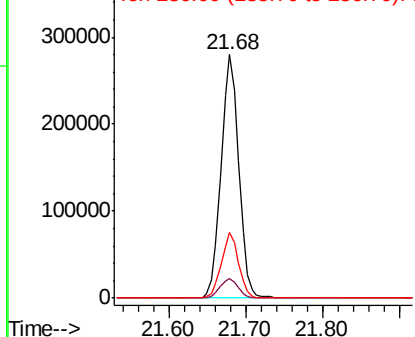


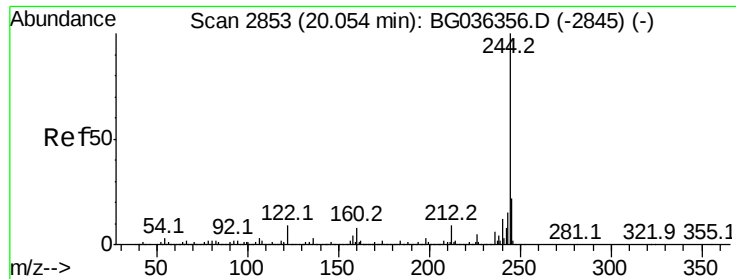
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036745.D
Acq: 15 Sep 2018 17:35

Tgt Ion:240 Resp: 446448
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 26.7 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: 83.254 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036745.D

Acq: 15 Sep 2018 17:35

Instrument :

BNA_G

ClientSampleId :

PB112846BL

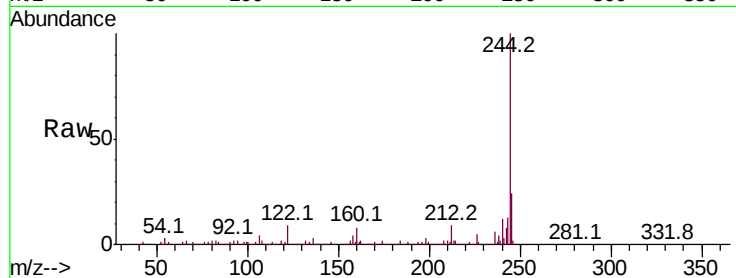
Tot Ion:244 Resp: 1590212

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

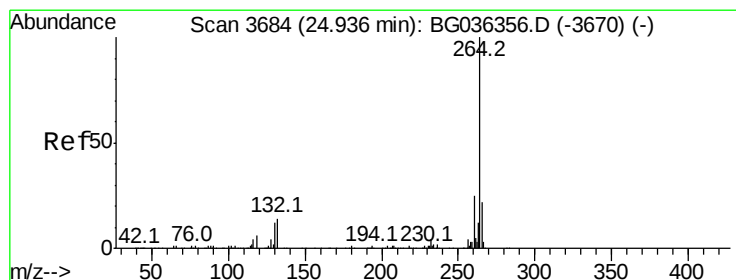
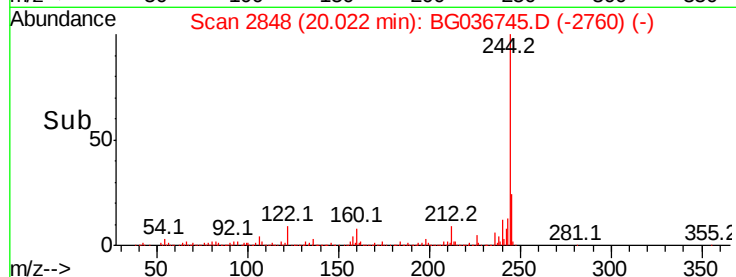
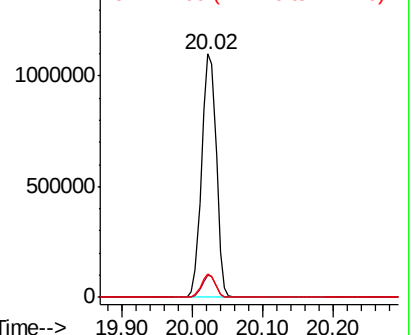
122 9.4 7.1 10.7



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: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG036745.D

Acq: 15 Sep 2018 17:35

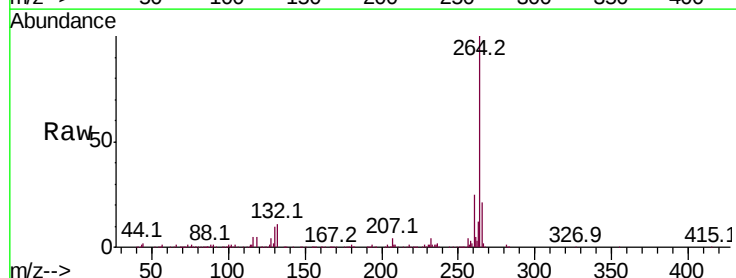
Tgt Ion:264 Resp: 443360

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

265 21.1 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

