

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036641.D
 Acq On : 11 Sep 2018 1:30
 Operator : JU/SJ
 Sample : PB112736TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112736TB

Quant Time: Sep 11 03:41:58 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	52309	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	222569	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	152949	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	395316	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	404278	20.00	ng	-0.01
86) Perylene-d12	24.90	264	321219	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	376252	114.10	ng	0.00
7) Phenol-d6	7.21	99	540265	114.43	ng	0.00
23) Nitrobenzene-d5	9.22	82	325457	79.34	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	188977	103.55	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	814698	76.05	ng	0.00
78) Terphenyl-d14	20.03	244	1400204	80.95	ng	0.00

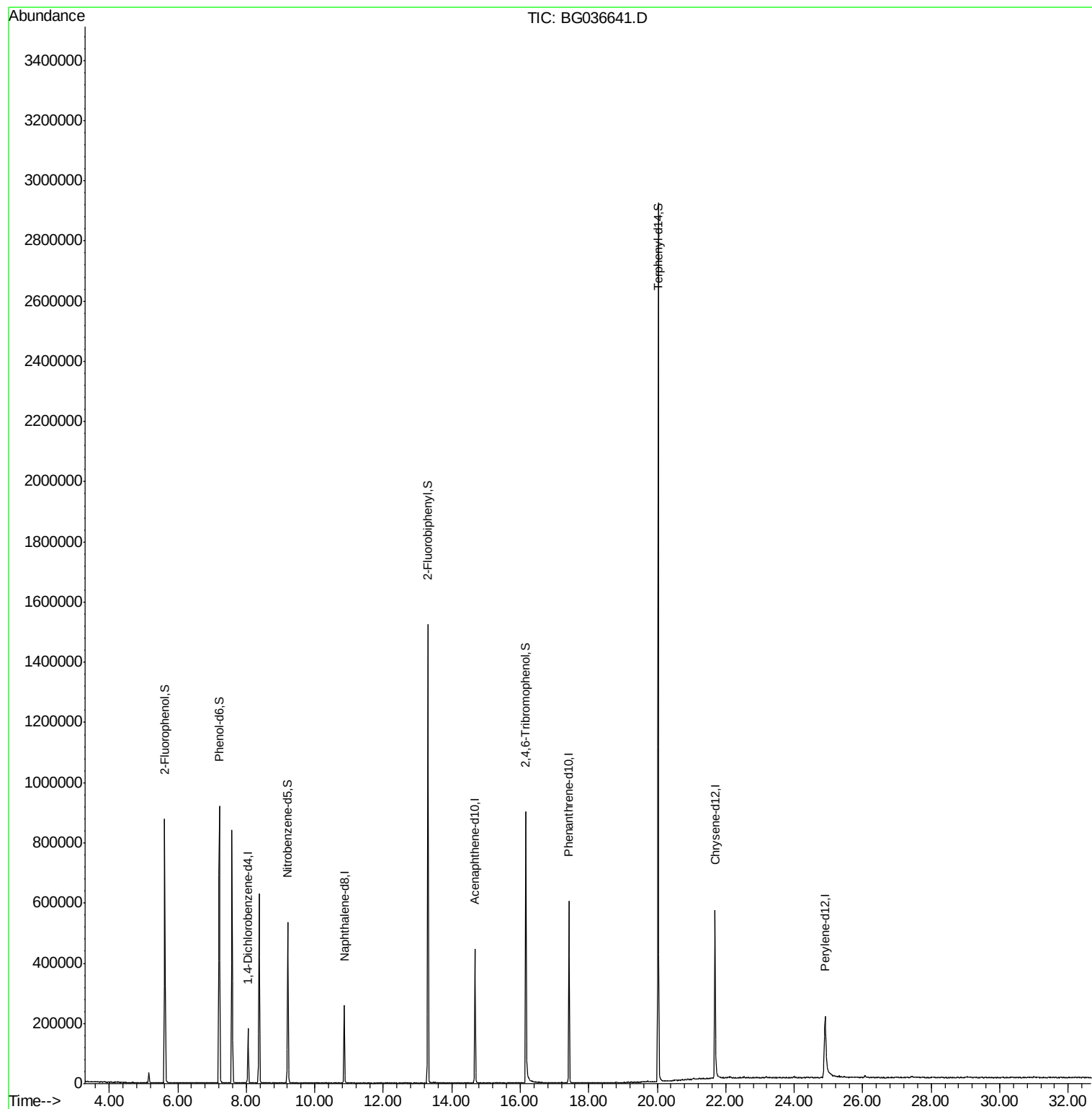
Target Compounds Qvalue

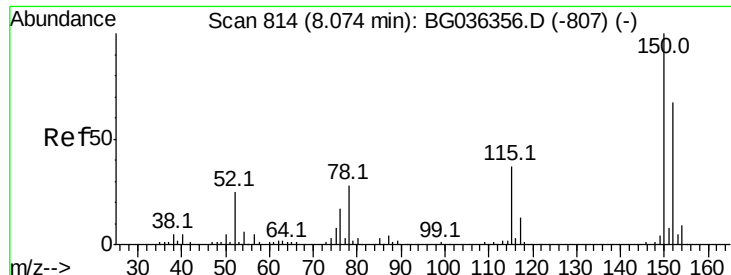
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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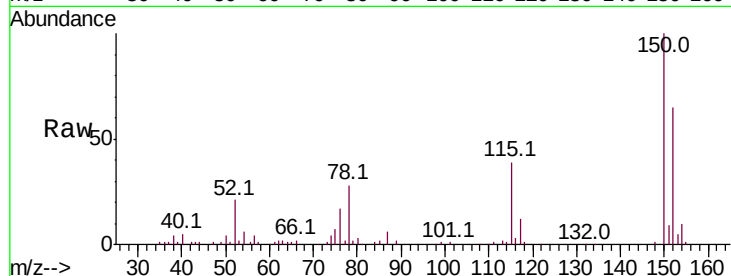


#1

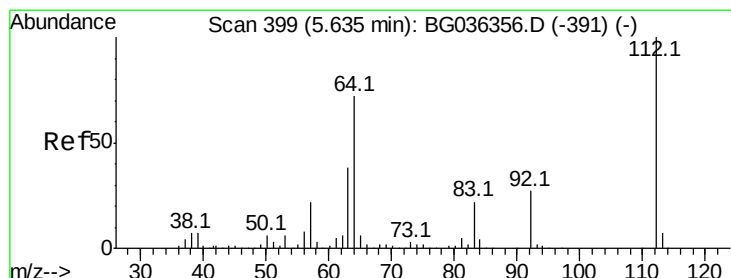
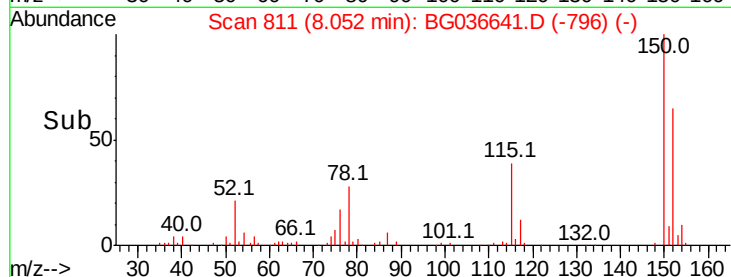
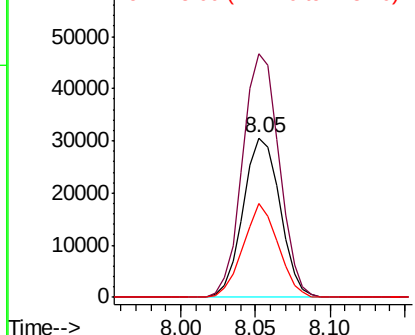
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036641.D
Acq: 11 Sep 2018 1:30

Instrument :
BNA_G
ClientSampleId :
PB112736TB

Tot Ion:152 Resp: 52309
Ion Ratio Lower Upper
152 100
150 152.9 119.5 179.3
115 59.0 44.5 66.7



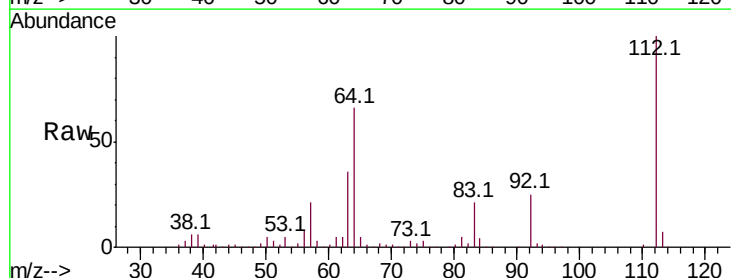
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



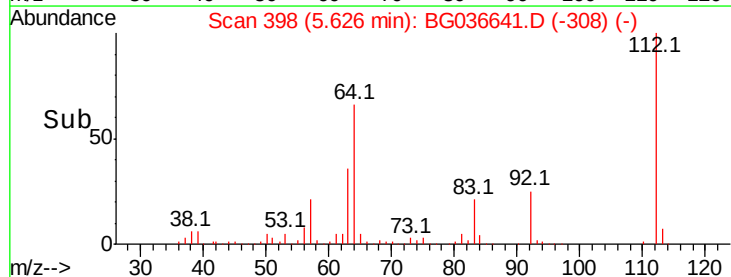
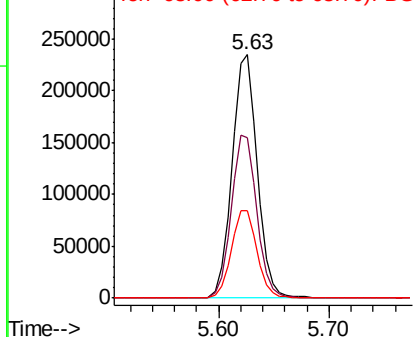
#5

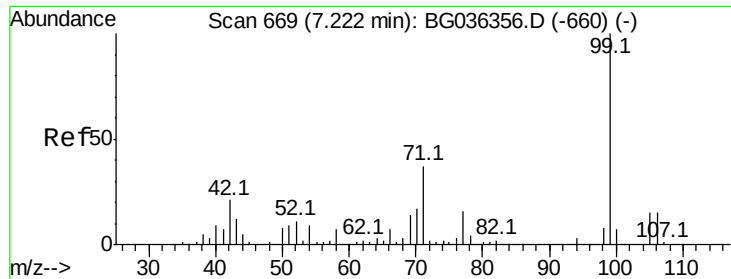
2-Fluorophenol
Concen: 114.100 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036641.D
Acq: 11 Sep 2018 1:30

Tgt Ion:112 Resp: 376252
Ion Ratio Lower Upper
112 100
64 65.7 57.2 85.8
63 36.0 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: 114.432 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036641.D

Acq: 11 Sep 2018 1:30

Instrument :

BNA_G

ClientSampleId :

PB112736TB

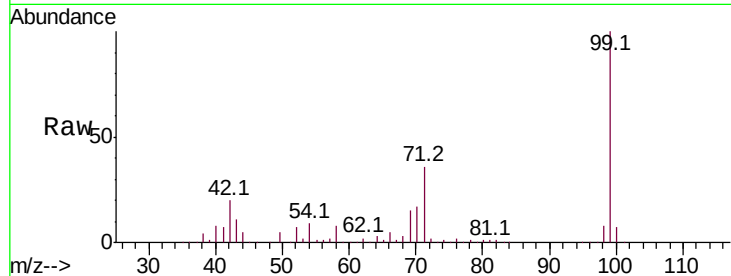
Tot Ion: 99 Resp: 540265

Ion Ratio Lower Upper

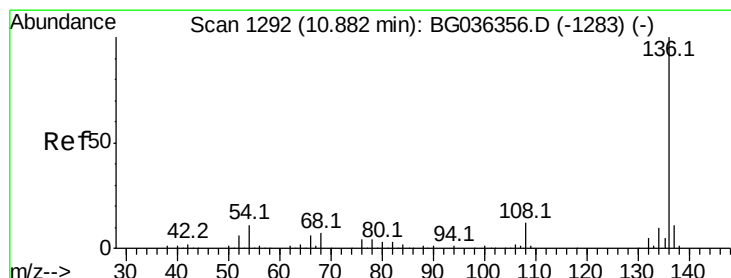
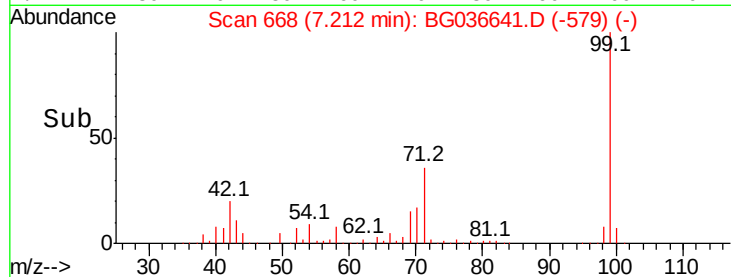
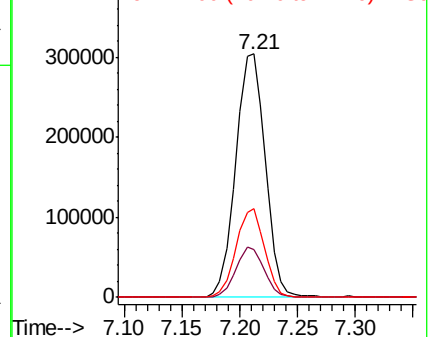
99 100

42 19.7 16.5 24.7

71 36.5 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# 1289

Delta R.T. -0.01 min

Lab File: BG036641.D

Acq: 11 Sep 2018 1:30

Tgt Ion: 136 Resp: 222569

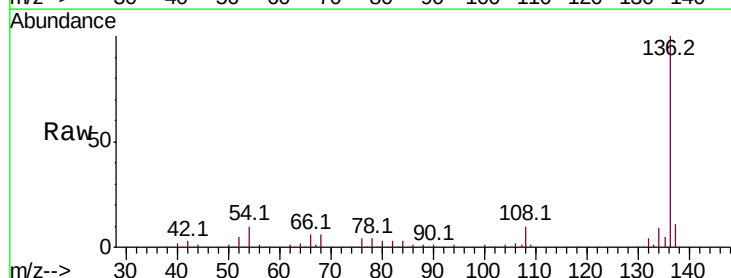
Ion Ratio Lower Upper

136 100

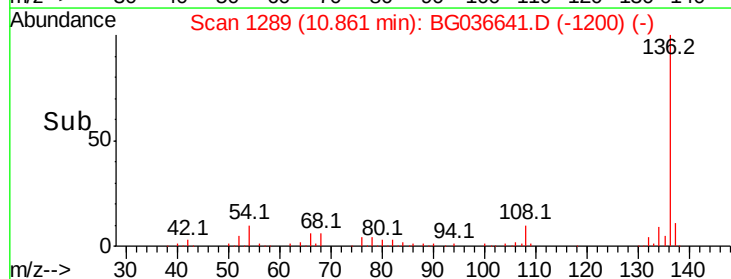
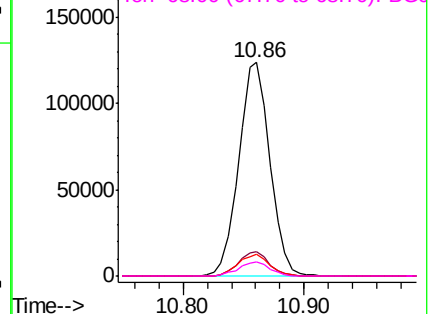
137 11.4 8.8 13.2

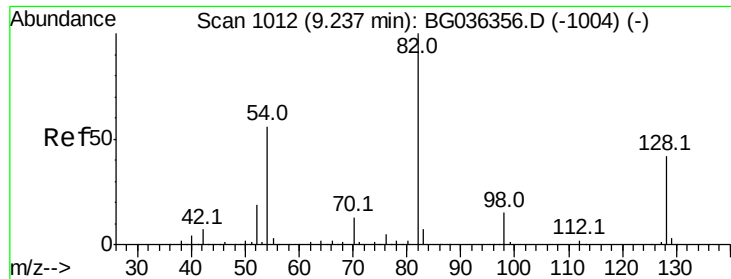
54 9.9 9.2 13.8

68 6.4 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

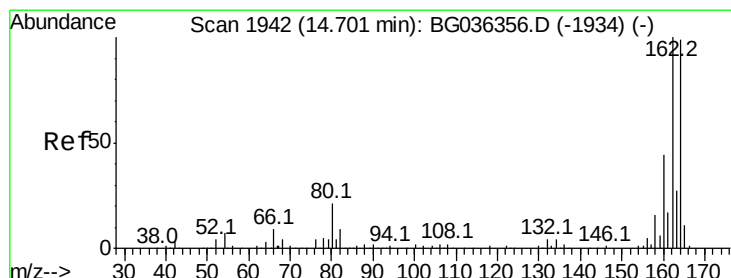
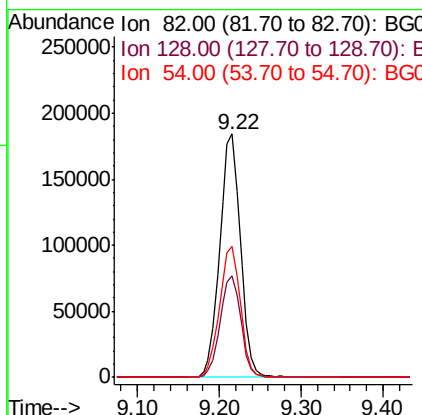
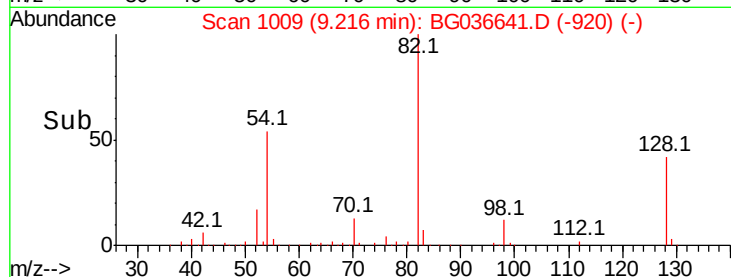
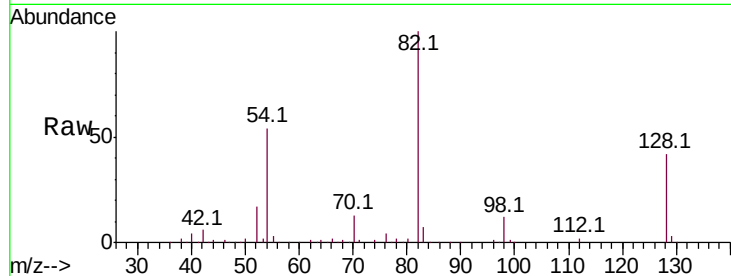




#23
 Nitrobenzene-d5
 Concen: 79.338 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036641.D
 Acq: 11 Sep 2018 1:30

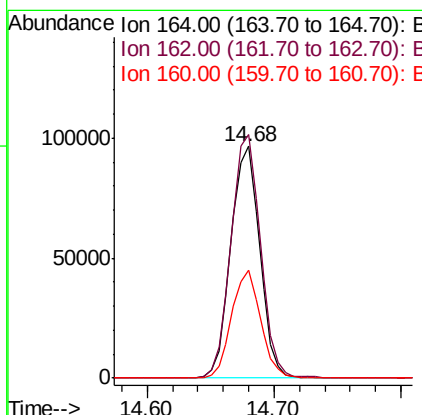
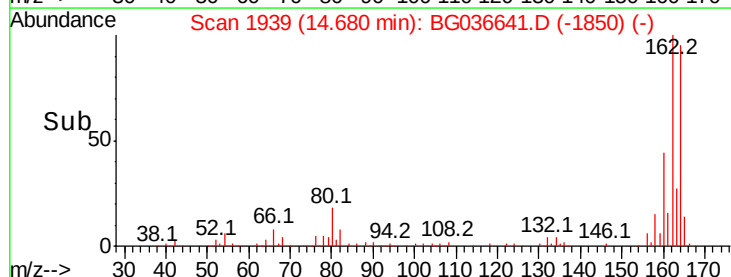
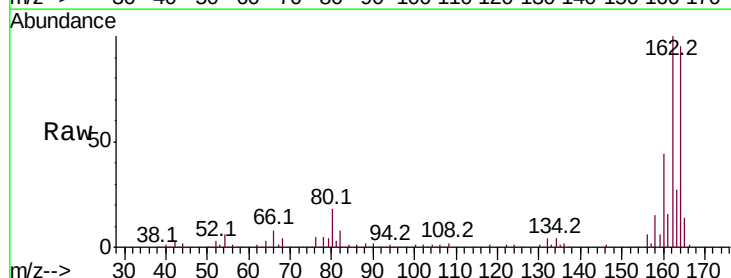
Instrument :
 BNA_G
 ClientSampleId :
 PB112736TB

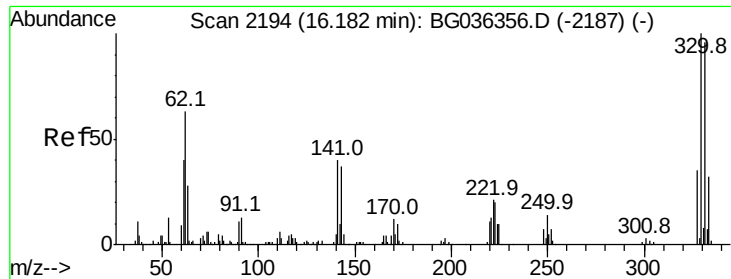
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.3	49.9
54	53.6	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BG036641.D
 Acq: 11 Sep 2018 1:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	80.7	121.1
160	46.8	35.3	52.9

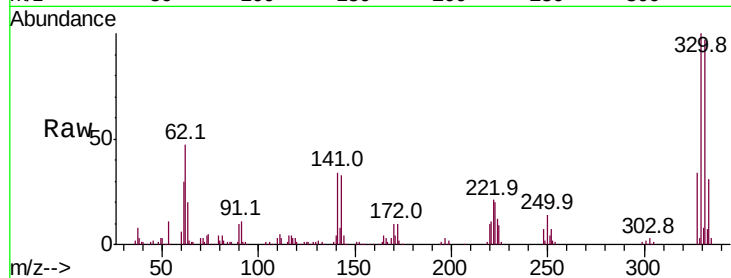




#41
 2,4,6-Tribromophenol
 Concen: 103.548 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036641.D
 Acq: 11 Sep 2018 1:30

Instrument :
 BNA_G
 ClientSampleId :
 PB112736TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	75.4	113.2
141	36.2	30.7	46.1

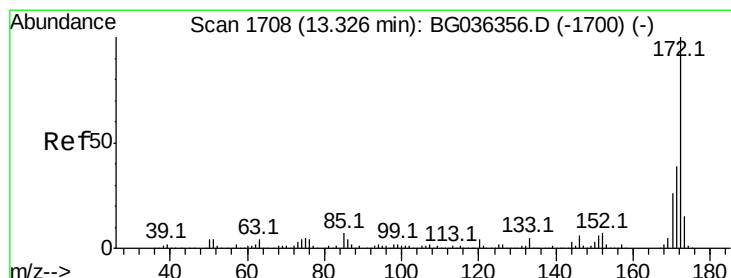
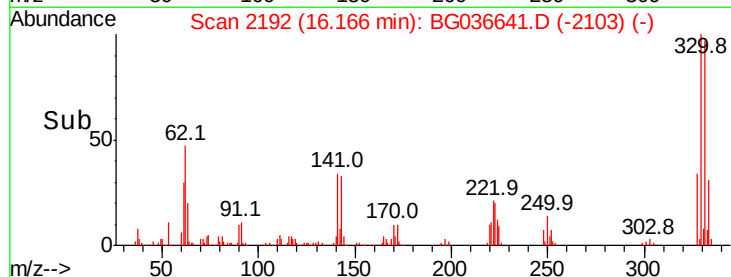
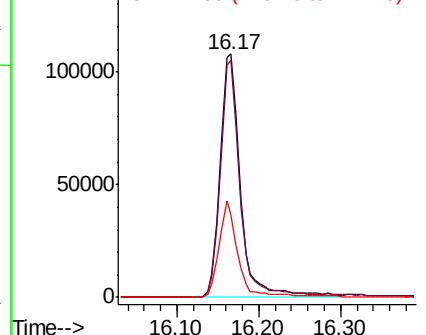


Abundance

Ion 329.80 (329.50 to 330.50): E

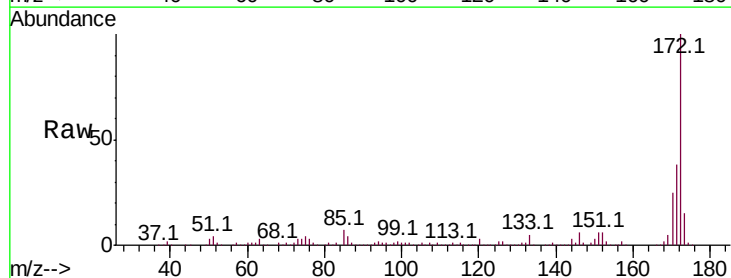
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.054 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036641.D
 Acq: 11 Sep 2018 1:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	25.1	21.0	31.6

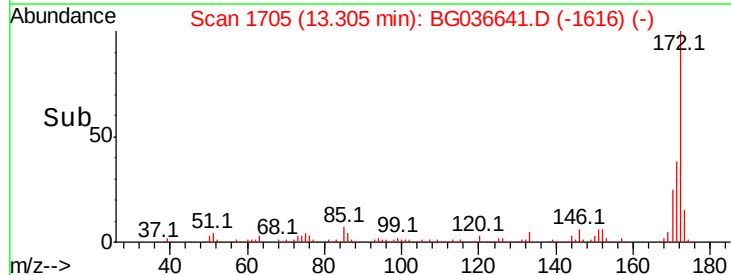
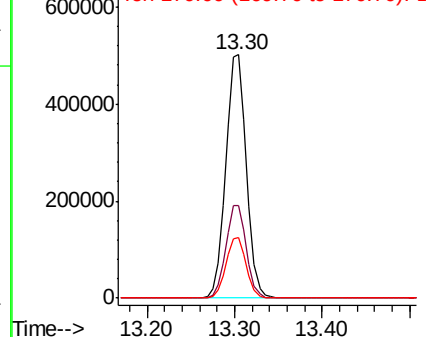


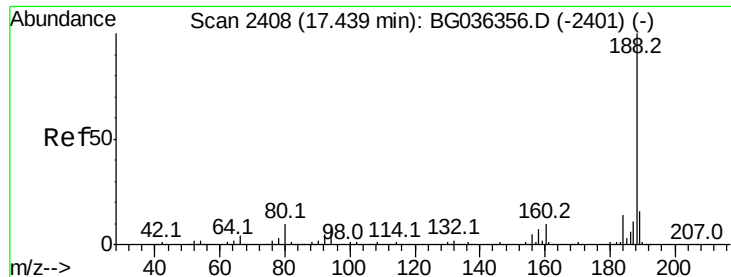
Abundance

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

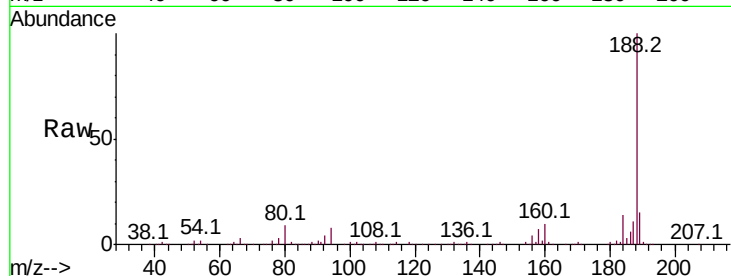




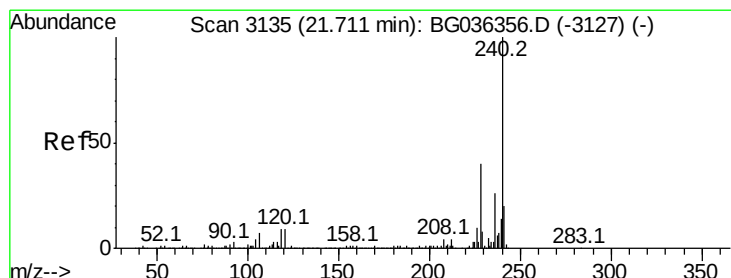
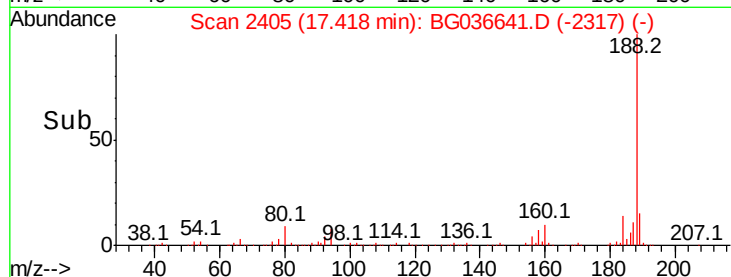
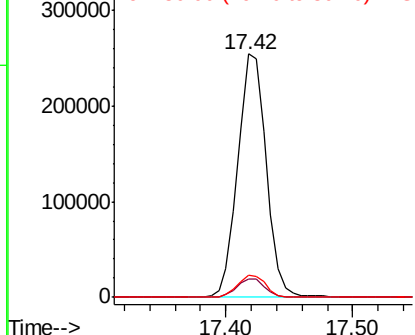
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036641.D
Acq: 11 Sep 2018 1:30

Instrument :
BNA_G
ClientSampleId :
PB112736TB

Tot Ion:188 Resp: 395316
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 9.1 8.1 12.1

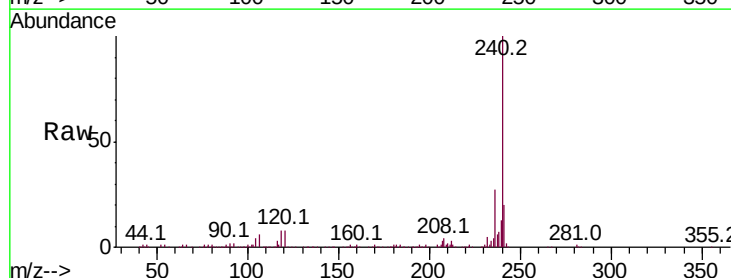


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

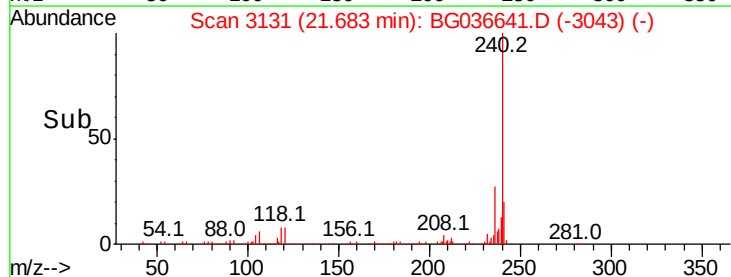
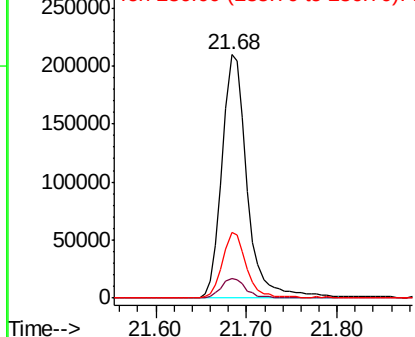


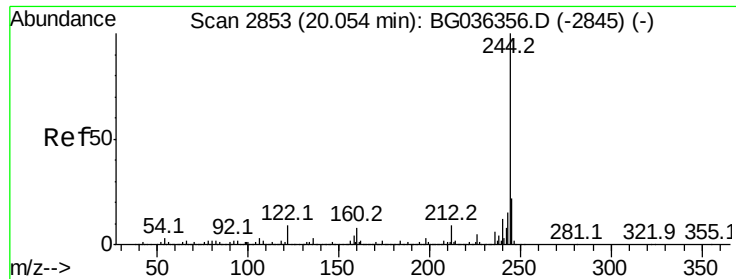
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036641.D
Acq: 11 Sep 2018 1:30

Tgt Ion:240 Resp: 404278
Ion Ratio Lower Upper
240 100
120 7.8 6.9 10.3
236 27.0 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: 80.953 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036641.D

Acq: 11 Sep 2018 1:30

Instrument :

BNA_G

ClientSampleId :

PB112736TB

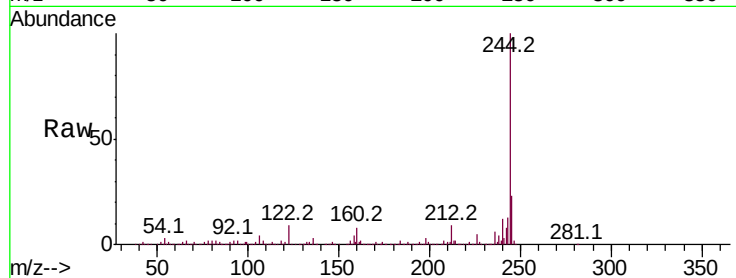
Tot Ion:244 Resp: 1400204

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.3	7.1	10.7

244 100

212 8.9 7.0 10.6

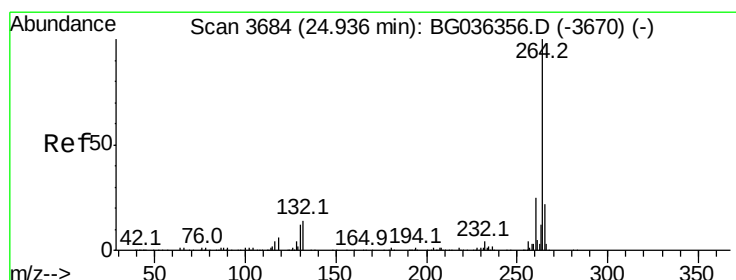
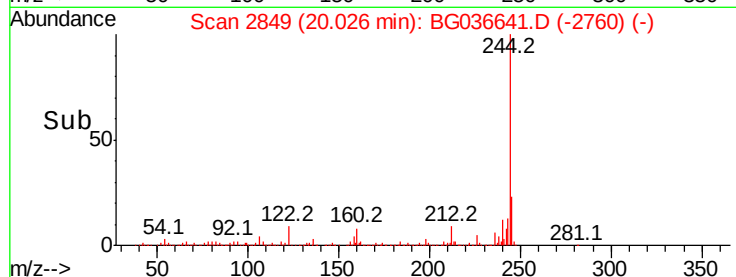
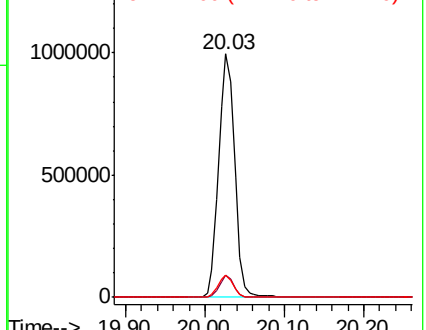
122 9.3 7.1 10.7



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: 24.90 min Scan# 3678

Delta R.T. -0.01 min

Lab File: BG036641.D

Acq: 11 Sep 2018 1:30

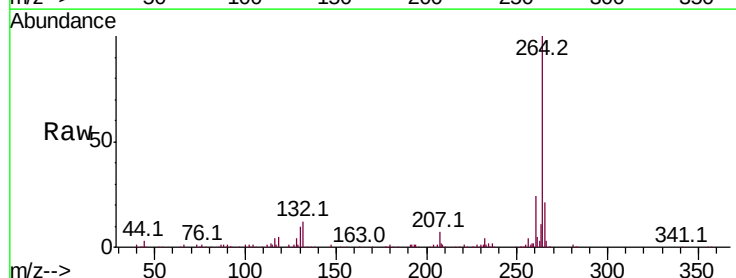
Tgt Ion:264 Resp: 321219

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	20.9	17.4	26.0

264 100

260 24.1 19.6 29.4

265 20.9 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

