

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036628.D
 Acq On : 10 Sep 2018 17:06
 Operator : JU/SJ
 Sample : J4830-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 090618-TIPC-E-U-M

Quant Time: Sep 10 18:23:47 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

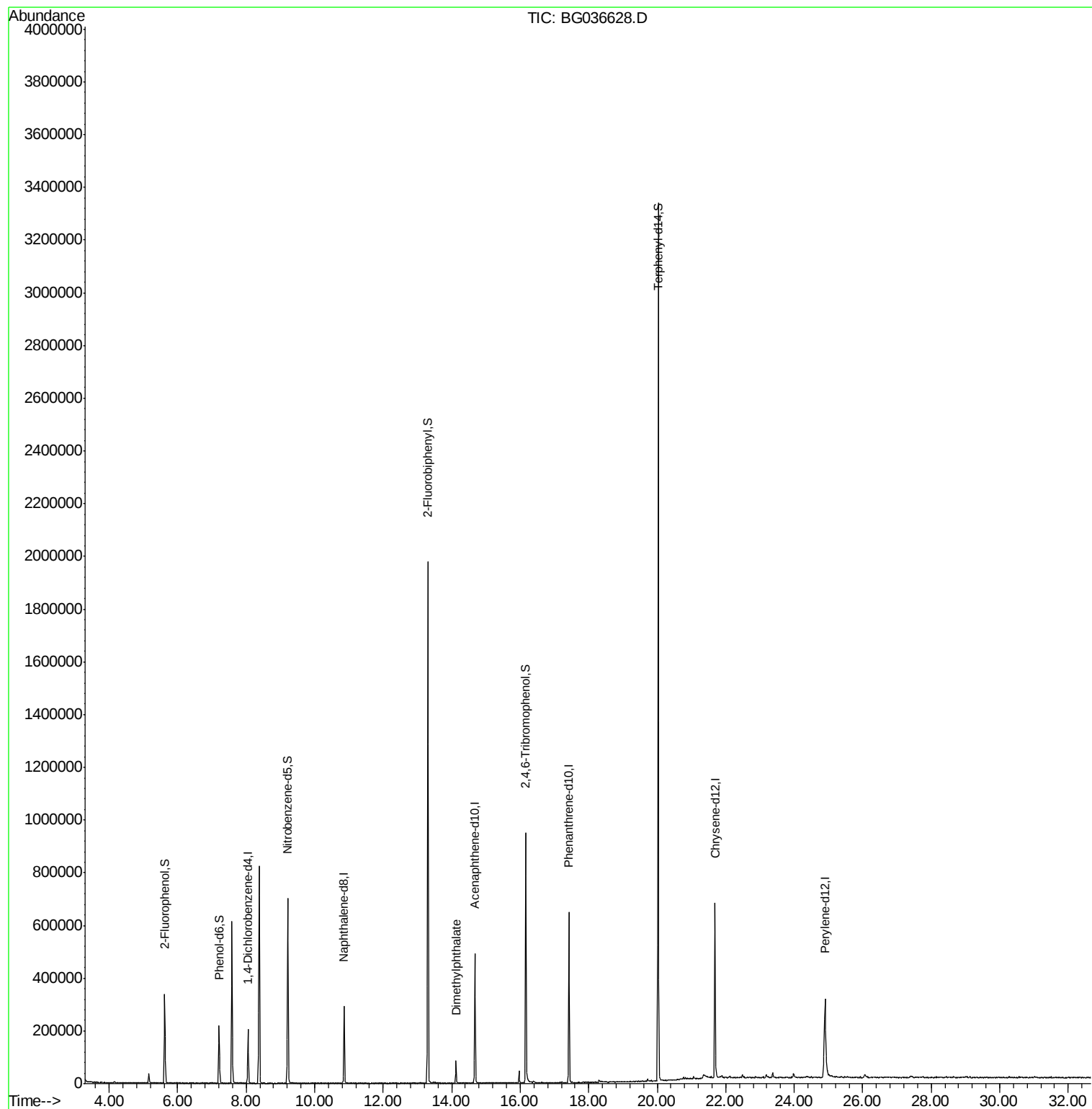
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	57574	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	250294	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	168363	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	414459	20.00	ng	0.00
75) Chrysene-d12	21.69	240	418503	20.00	ng	0.00
86) Perylene-d12	24.90	264	389591	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	144340	39.77	ng	0.00
7) Phenol-d6	7.21	99	129641	24.95	ng	0.00
23) Nitrobenzene-d5	9.21	82	429532	93.11	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	179093	89.15	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1048792	88.94	ng	0.00
78) Terphenyl-d14	20.03	244	1561321	87.20	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	55970	4.071	ng	Qvalue # 93

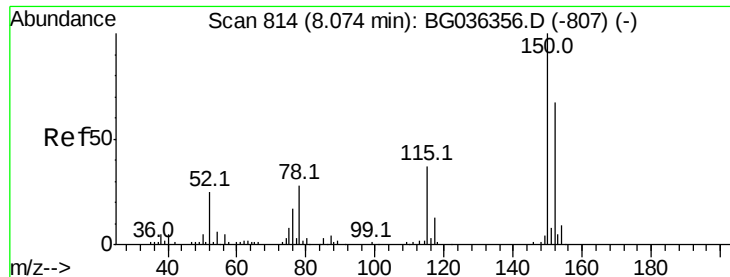
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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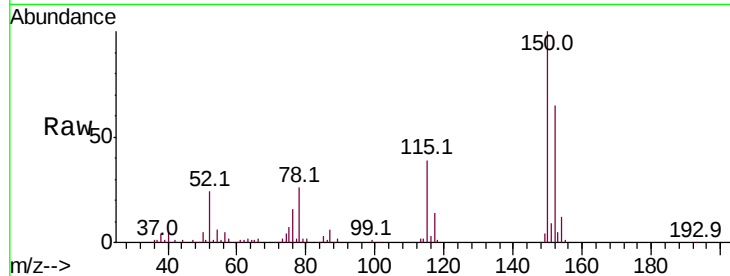


#1

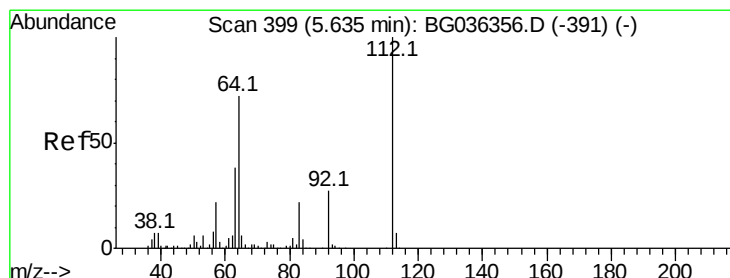
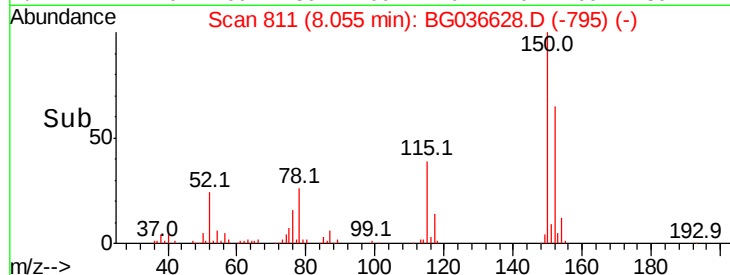
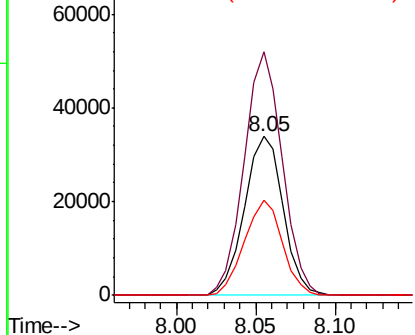
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036628.D
Acq: 10 Sep 2018 17:06

Instrument :
BNA_G
ClientSampleId :
090618-TIPC-E-U-M

Tot Ion:152 Resp: 57574
Ion Ratio Lower Upper
152 100
150 153.1 119.5 179.3
115 60.0 44.5 66.7



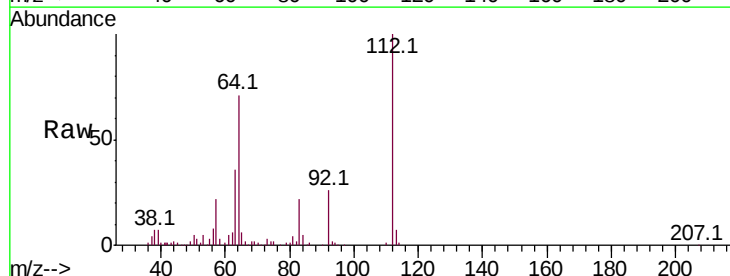
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



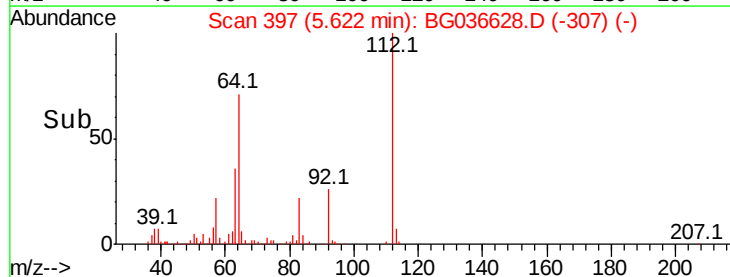
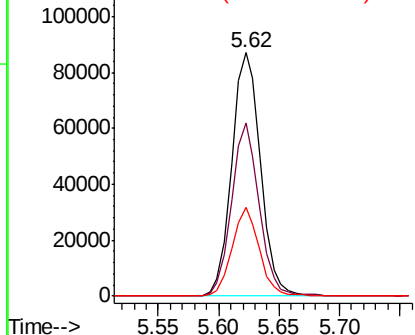
#5

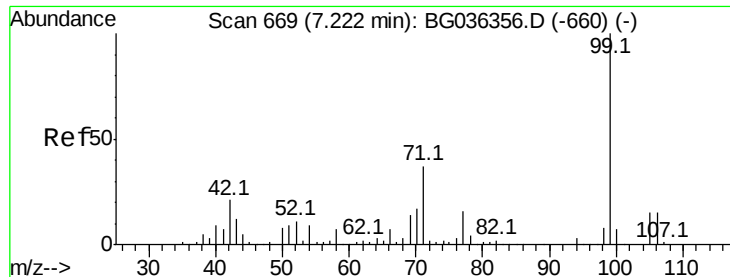
2-Fluorophenol
Concen: 39.769 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036628.D
Acq: 10 Sep 2018 17:06

Tgt Ion:112 Resp: 144340
Ion Ratio Lower Upper
112 100
64 71.2 57.2 85.8
63 36.2 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: 24.948 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036628.D

Acq: 10 Sep 2018 17:06

Instrument :

BNA_G

ClientSampleId :

090618-TIPC-E-U-M

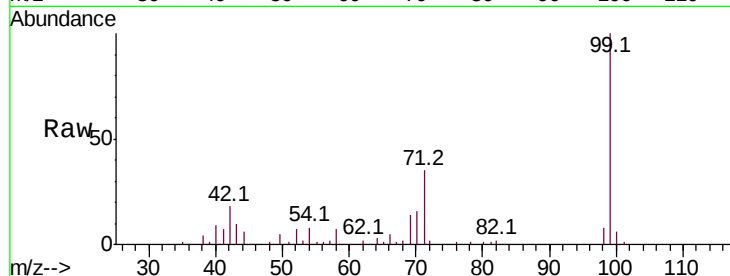
Tot Ion: 99 Resp: 129641

Ion Ratio Lower Upper

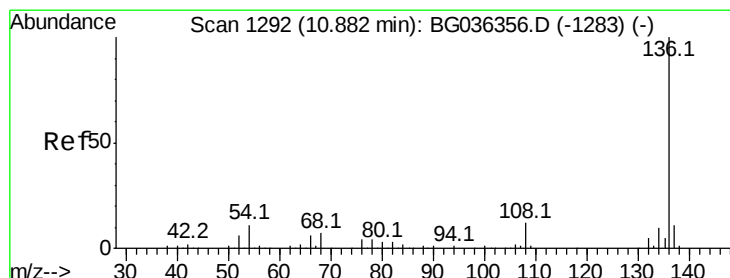
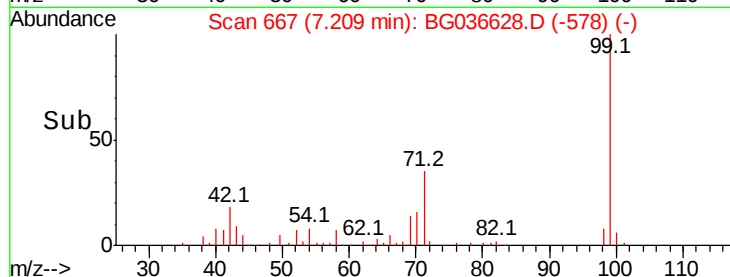
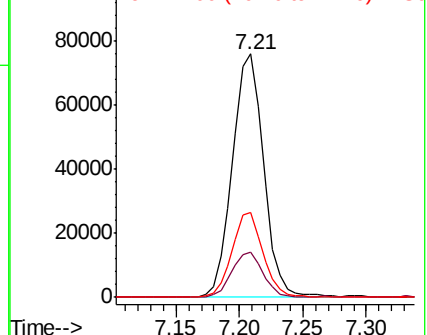
99 100

42 18.5 16.5 24.7

71 34.7 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: BG036628.D

Acq: 10 Sep 2018 17:06

Tgt Ion: 136 Resp: 250294

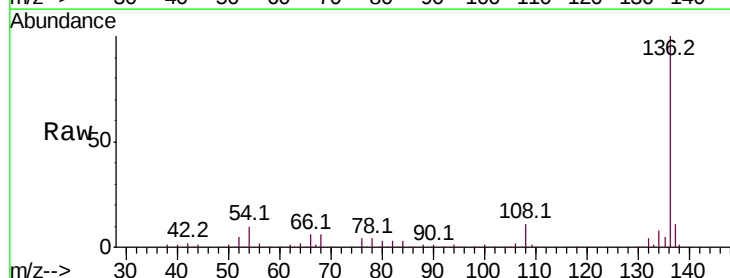
Ion Ratio Lower Upper

136 100

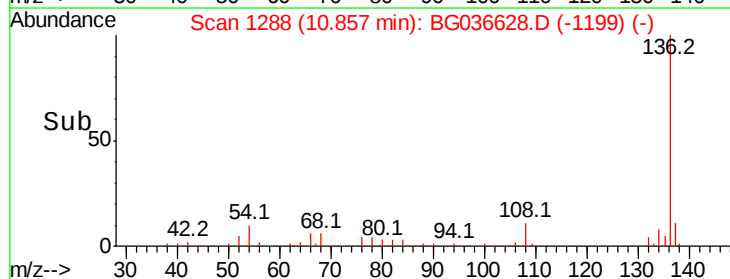
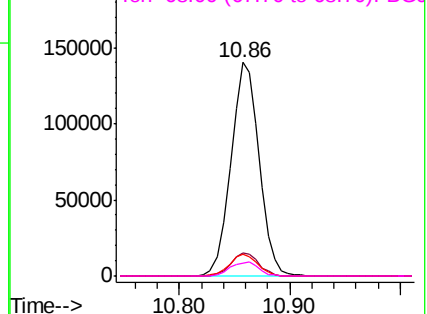
137 10.6 8.8 13.2

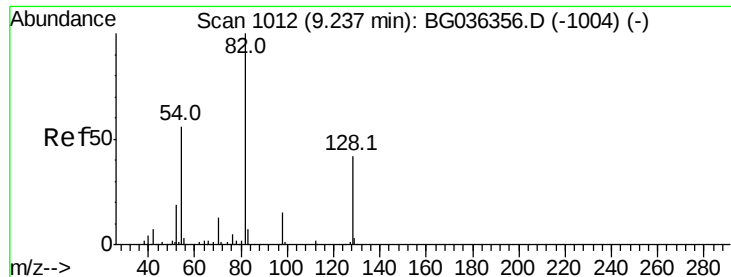
54 10.0 9.2 13.8

68 5.8 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: 93.110 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BG036628.D

Acq: 10 Sep 2018 17:06

Instrument :

BNA_G

ClientSampleId :

090618-TIPC-E-U-M

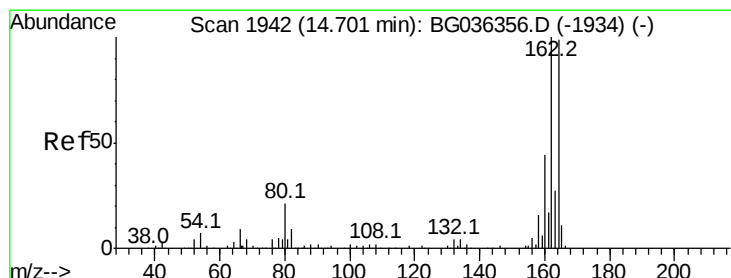
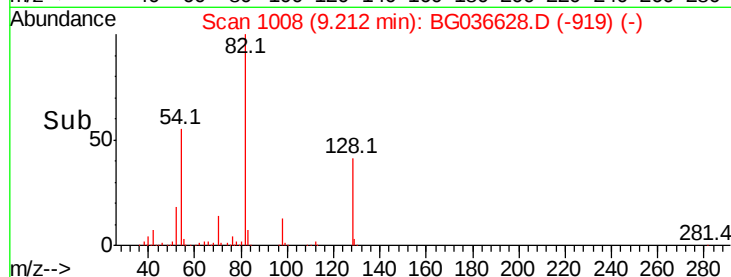
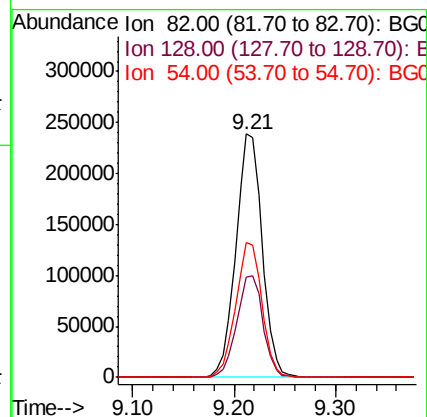
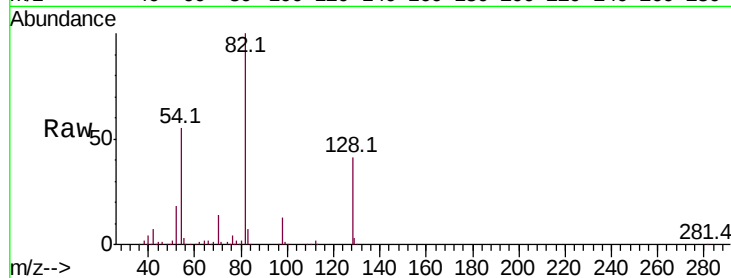
Tot Ion: 82 Resp: 429532

Ion Ratio Lower Upper

82 100

128 41.1 33.3 49.9

54 55.3 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: BG036628.D

Acq: 10 Sep 2018 17:06

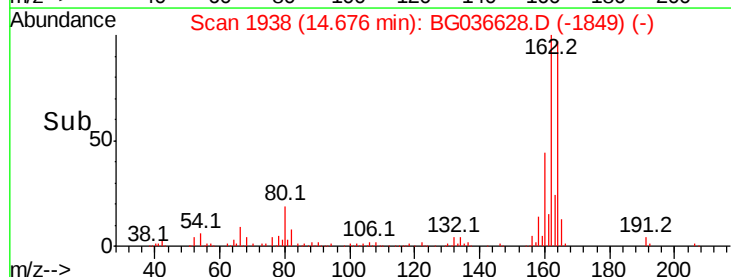
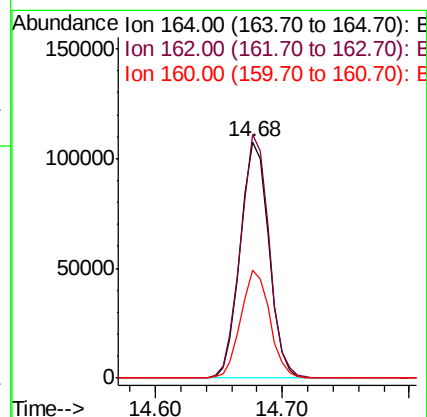
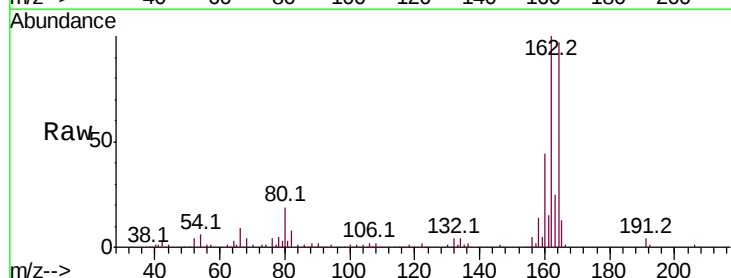
Tgt Ion: 164 Resp: 168363

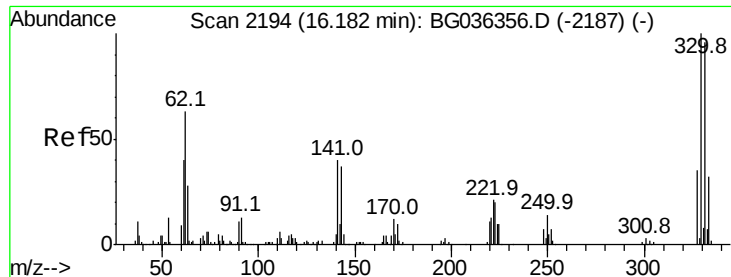
Ion Ratio Lower Upper

164 100

162 103.1 80.7 121.1

160 45.5 35.3 52.9

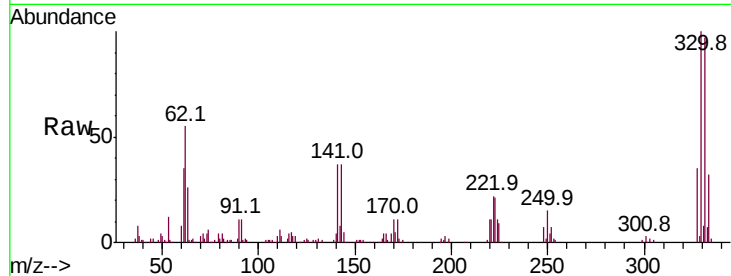




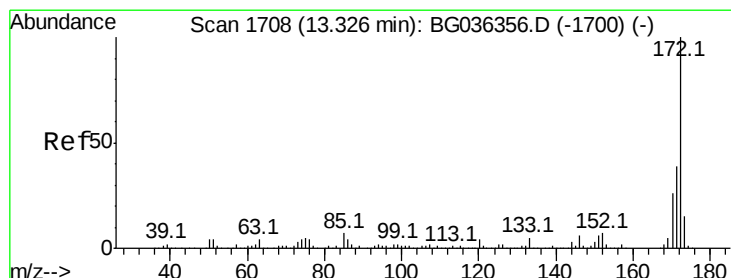
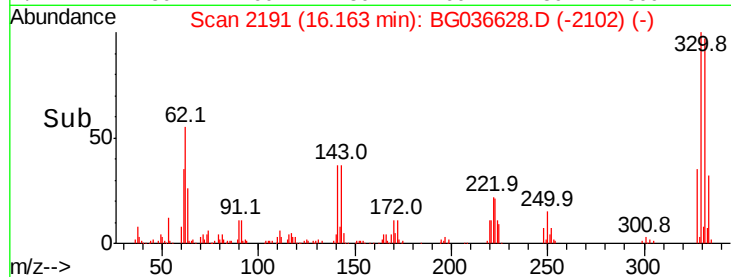
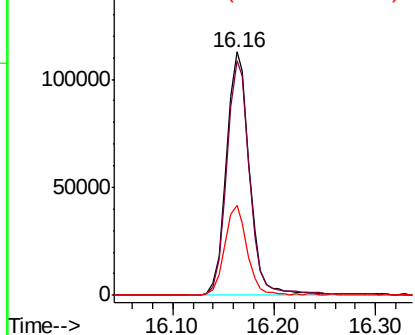
#41
 2,4,6-Tribromophenol
 Concen: 89.148 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036628.D
 Acq: 10 Sep 2018 17:06

Instrument :
 BNA_G
 ClientSampleId :
 090618-TIPC-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.4	113.2
141	35.9	30.7	46.1

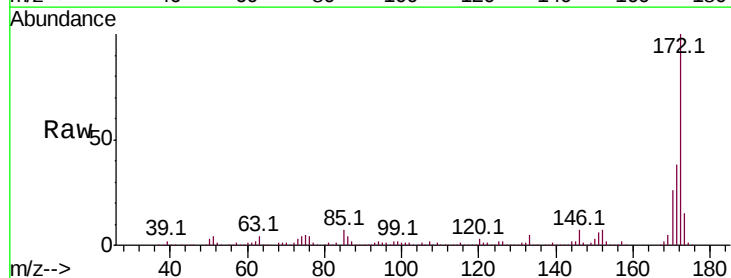


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

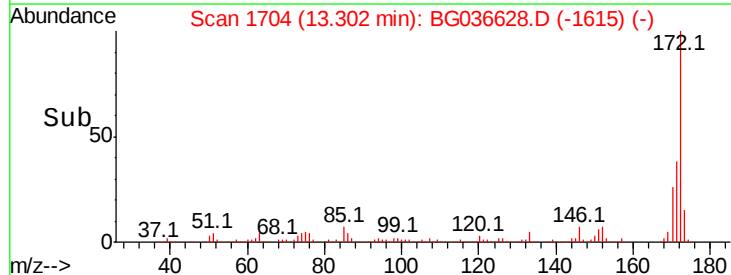
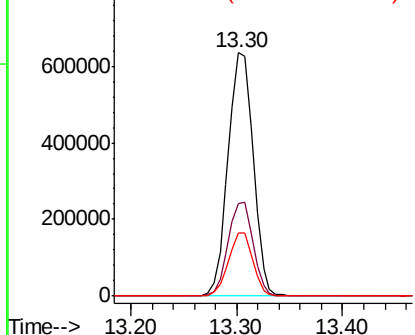


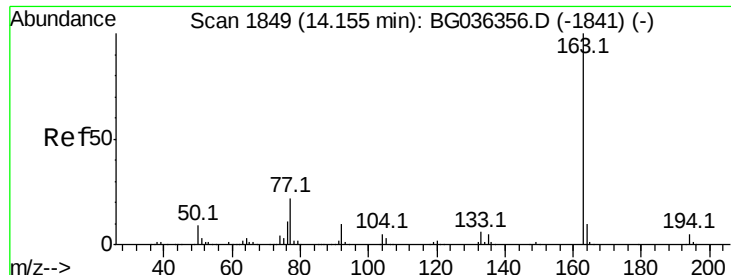
#44
 2-Fluorobiphenyl
 Concen: 88.944 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036628.D
 Acq: 10 Sep 2018 17:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	25.8	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





#49

Dimethylphthalate

Concen: 4.071 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BG036628.D

Acq: 10 Sep 2018 17:06

Instrument :

BNA_G

ClientSampleId :

090618-TIPC-E-U-M

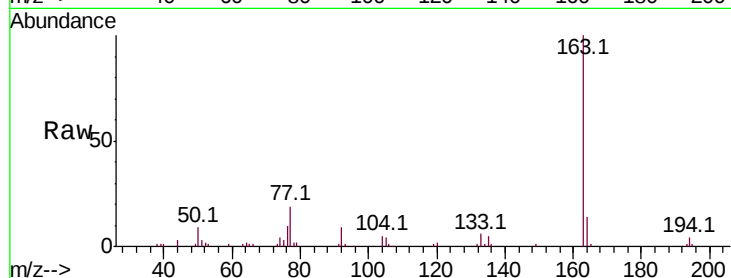
Tot Ion:163 Resp: 55970

Ion Ratio Lower Upper

163 100

194 4.2 4.0 6.0

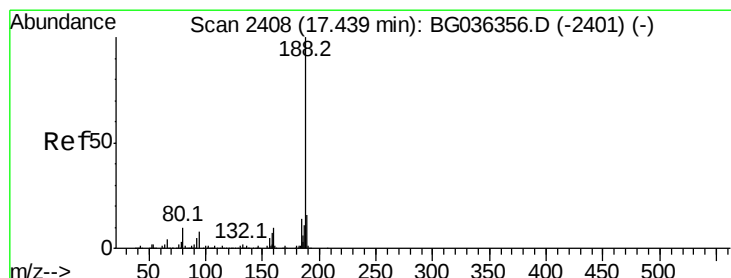
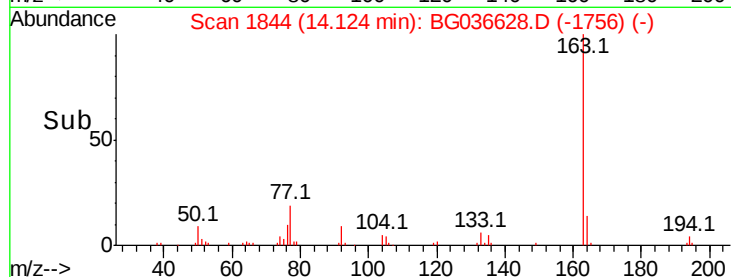
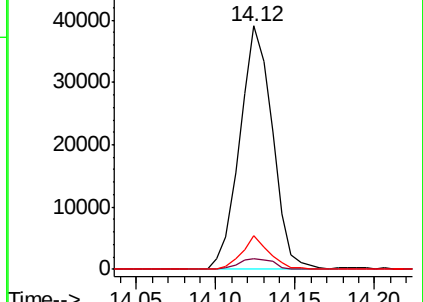
164 13.7 8.1 12.1#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG036628.D

Acq: 10 Sep 2018 17:06

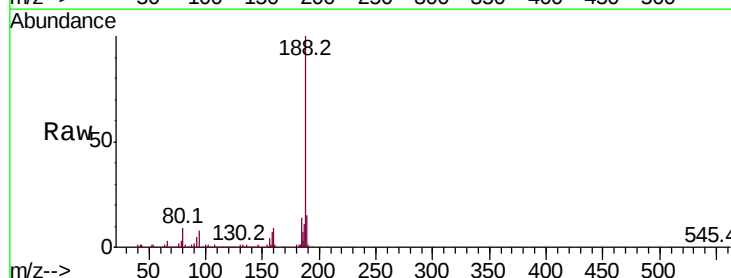
Tgt Ion:188 Resp: 414459

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

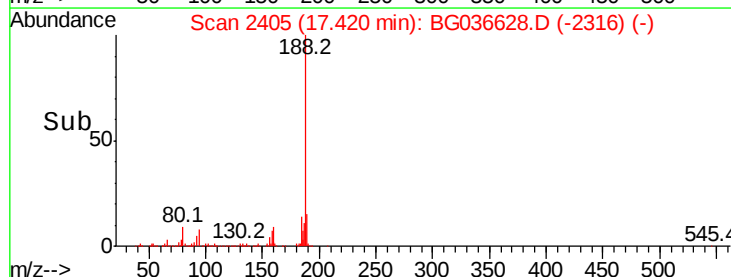
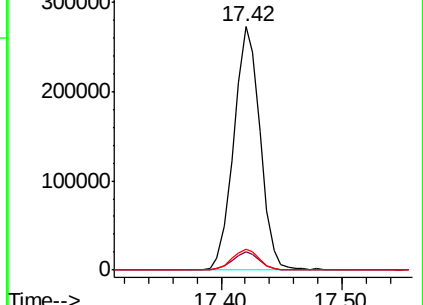
80 8.6 8.1 12.1

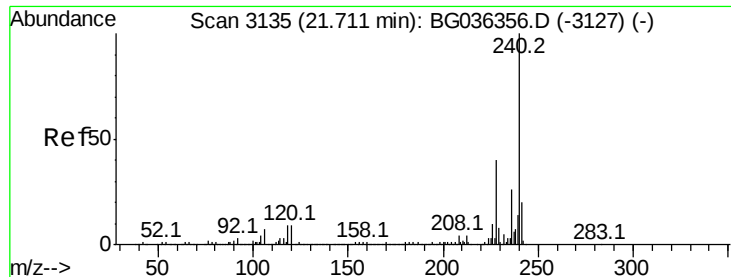


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3131

Delta R.T. -0.01 min

Lab File: BG036628.D

Acq: 10 Sep 2018 17:06

Instrument :

BNA_G

ClientSampleId :

090618-TIPC-E-U-M

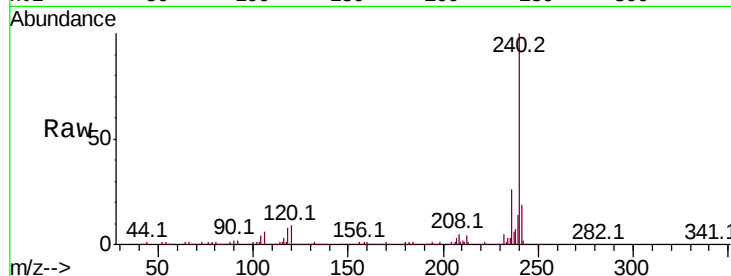
Tot Ion:240 Resp: 418503

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

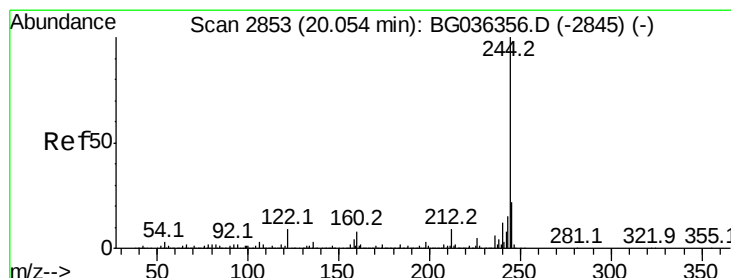
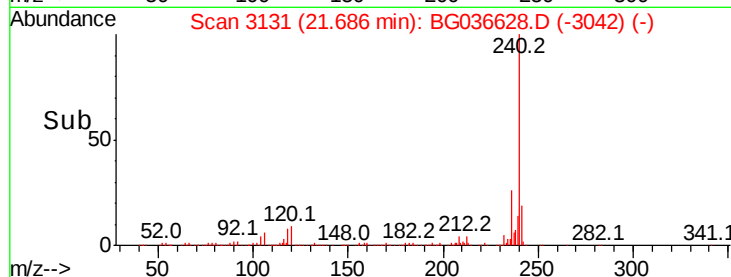
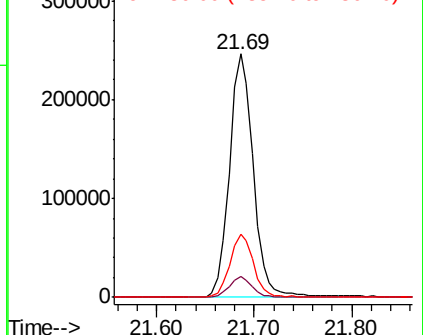
236 26.1 21.2 31.8



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: 87.200 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036628.D

Acq: 10 Sep 2018 17:06

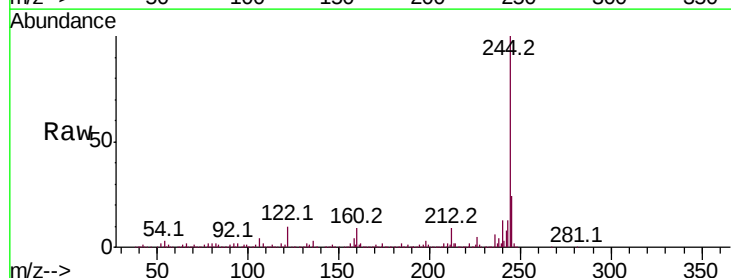
Tgt Ion:244 Resp: 1561321

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

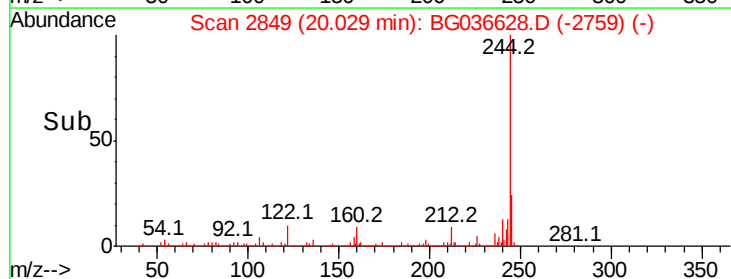
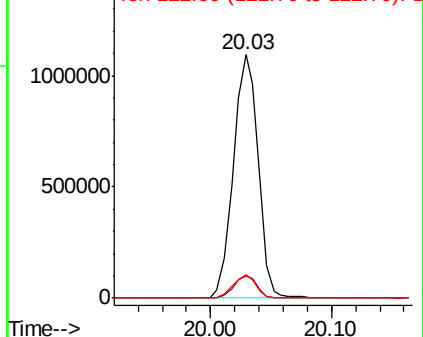
122 9.6 7.1 10.7

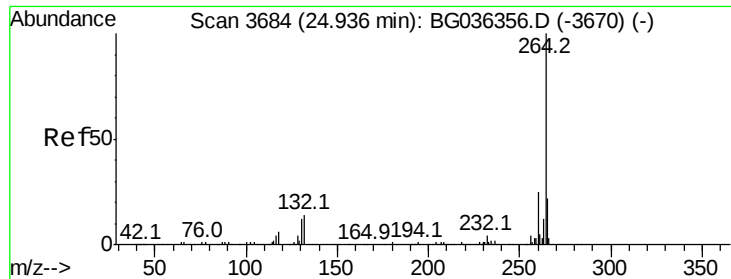


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

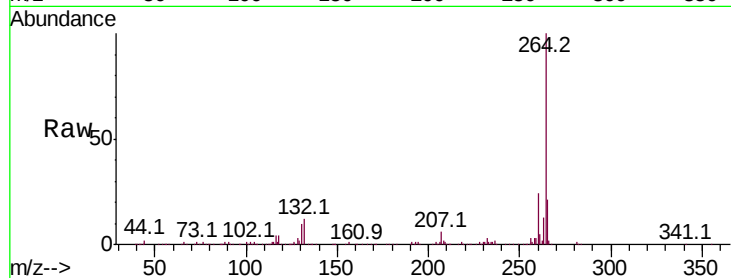




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG036628.D
Acq: 10 Sep 2018 17:06

Instrument :
BNA_G
ClientSampleId :
090618-TIPC-E-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.4	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

