

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036627.D
 Acq On : 10 Sep 2018 16:27
 Operator : JU/SJ
 Sample : J4830-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Sep 10 18:21:23 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

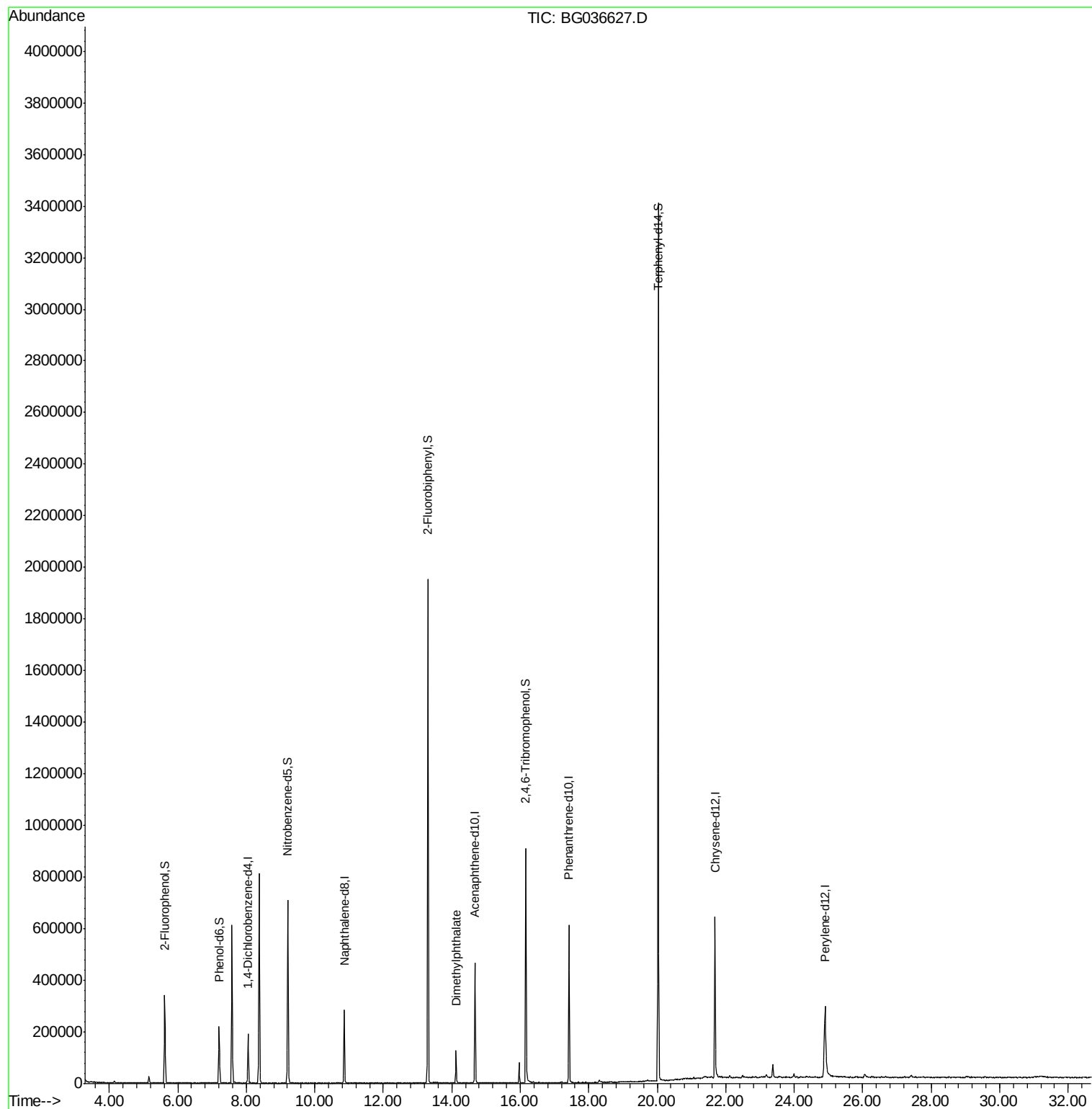
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58332	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	241448	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	161783	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	399078	20.00	ng	0.00
75) Chrysene-d12	21.68	240	414460	20.00	ng	-0.01
86) Perylene-d12	24.90	264	372885	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	145794	39.65	ng	0.00
7) Phenol-d6	7.21	99	126315	23.99	ng	-0.01
23) Nitrobenzene-d5	9.22	82	419625	94.30	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	169475	87.79	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1020392	90.05	ng	0.00
78) Terphenyl-d14	20.03	244	1562944	88.14	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.12	163	86932	6.581	ng	99

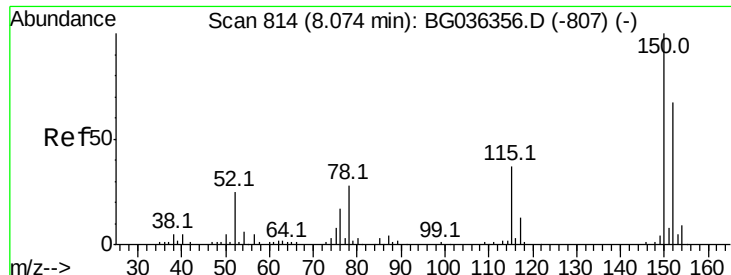
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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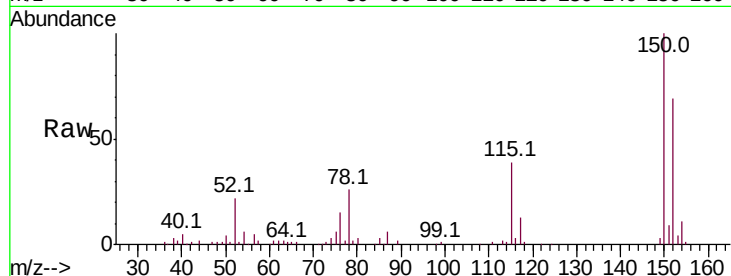


#1

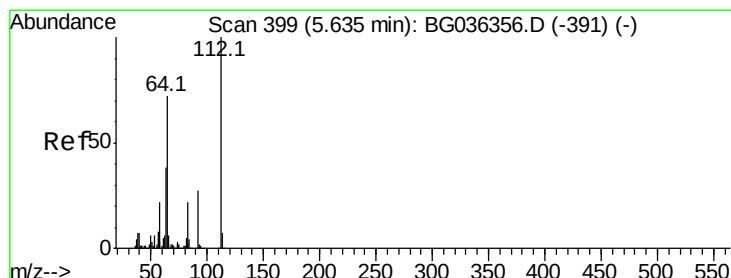
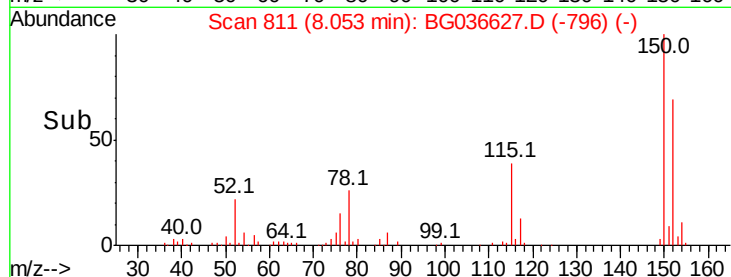
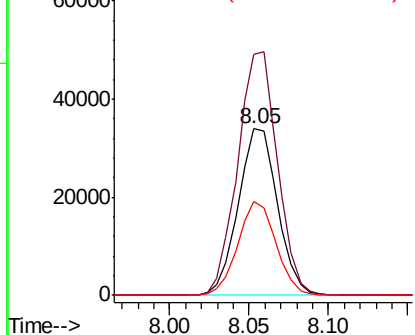
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036627.D
Acq: 10 Sep 2018 16:27

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

Tot Ion:152 Resp: 58332
Ion Ratio Lower Upper
152 100
150 144.8 119.5 179.3
115 56.3 44.5 66.7



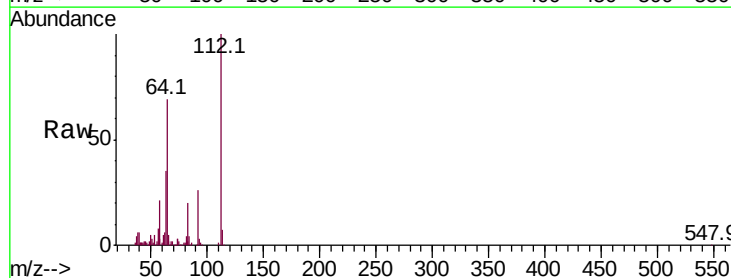
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



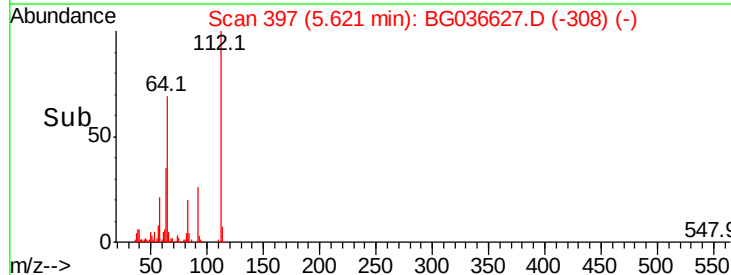
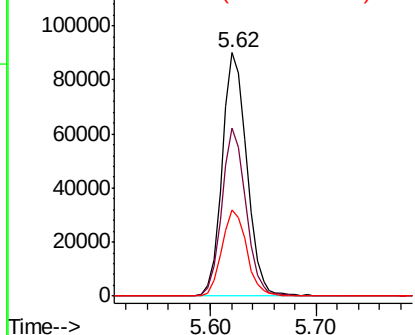
#5

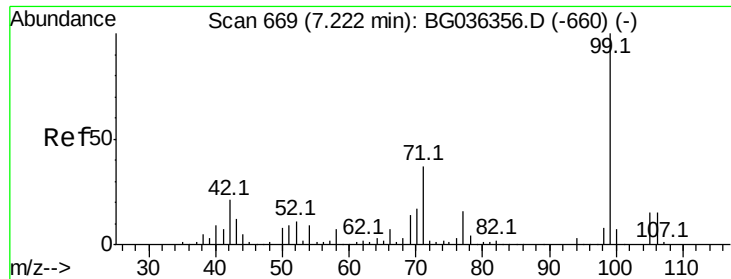
2-Fluorophenol
Concen: 39.648 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036627.D
Acq: 10 Sep 2018 16:27

Tgt Ion:112 Resp: 145794
Ion Ratio Lower Upper
112 100
64 69.0 57.2 85.8
63 35.5 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: 23.992 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036627.D

Acq: 10 Sep 2018 16:27

Instrument :

BNA_G

ClientSampleId :

090618-TIPC-E-D-M

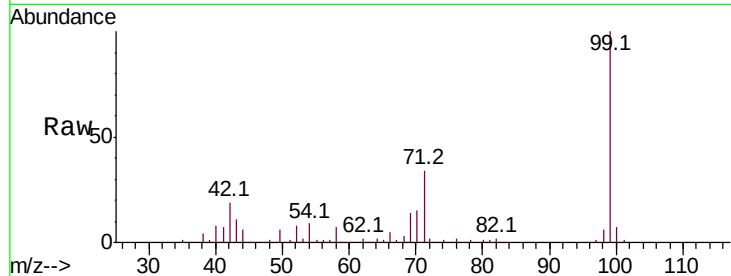
Tot Ion: 99 Resp: 126315

Ion Ratio Lower Upper

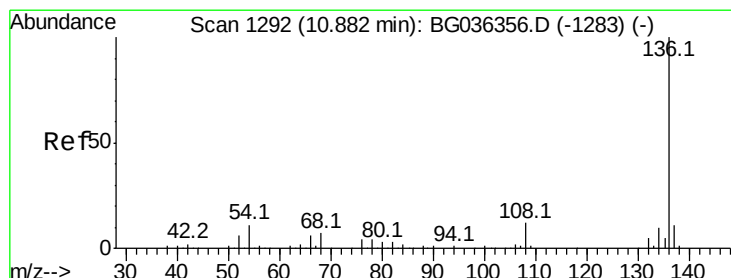
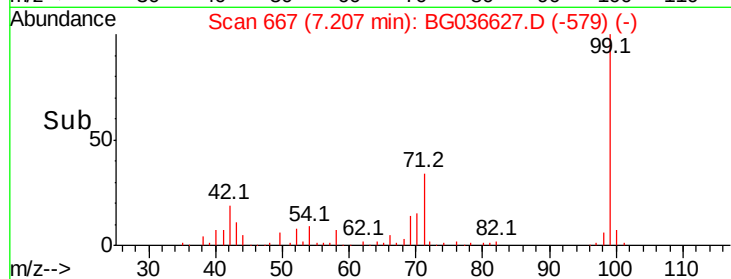
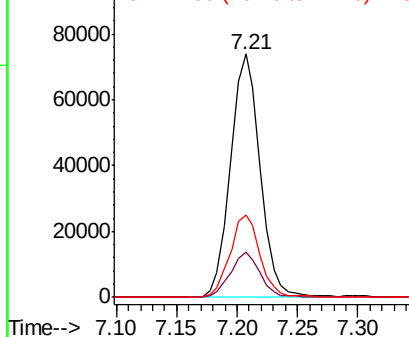
99 100

42 18.8 16.5 24.7

71 34.1 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: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG036627.D

Acq: 10 Sep 2018 16:27

Tgt Ion: 136 Resp: 241448

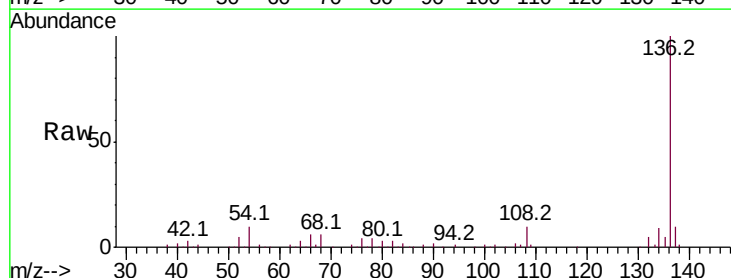
Ion Ratio Lower Upper

136 100

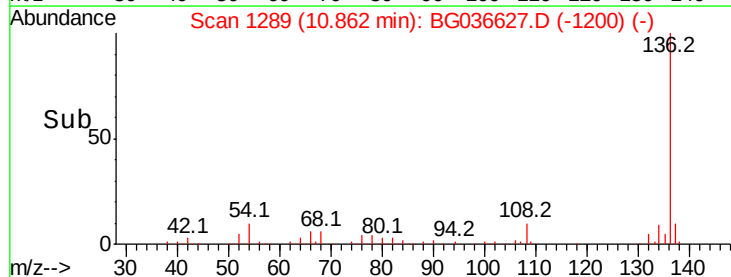
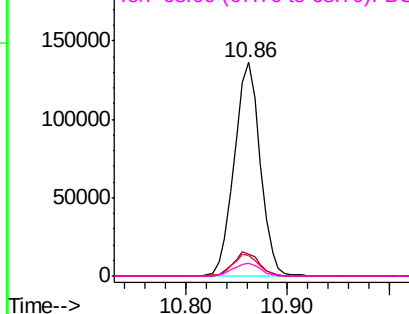
137 10.4 8.8 13.2

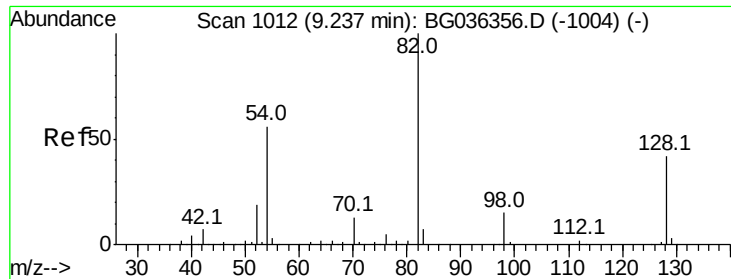
54 9.5 9.2 13.8

68 6.0 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

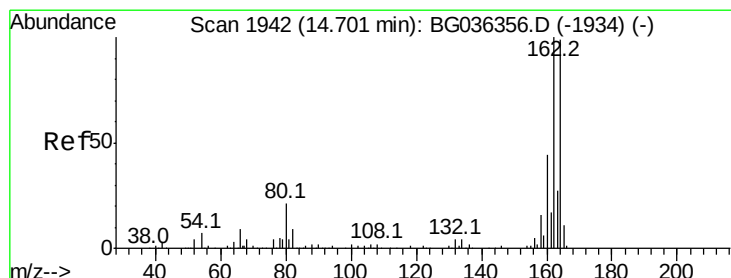
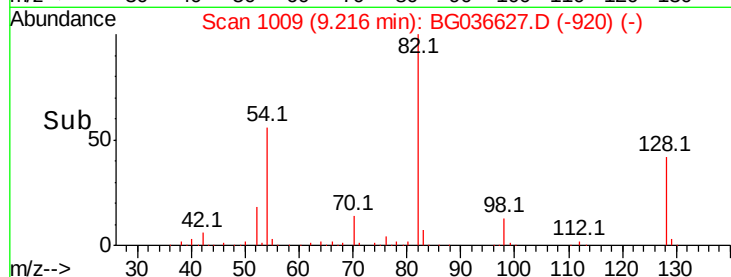
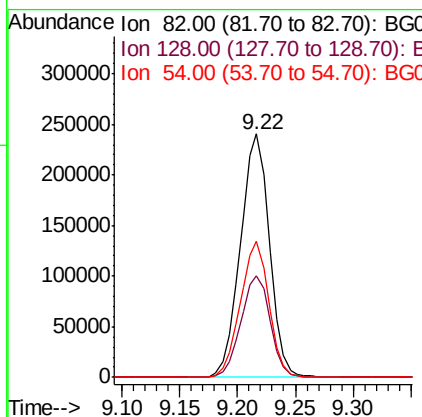
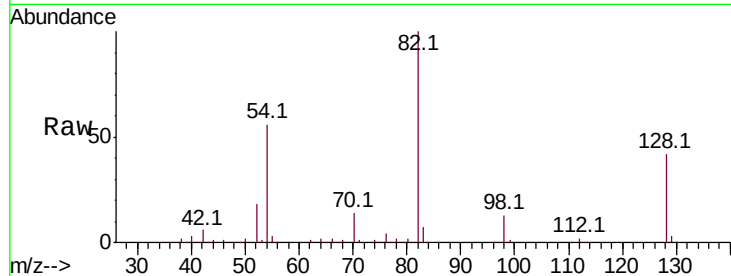




#23
Nitrobenzene-d5
Concen: 94.296 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036627.D
Acq: 10 Sep 2018 16:27

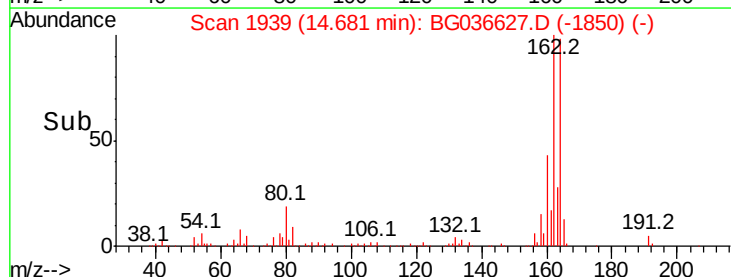
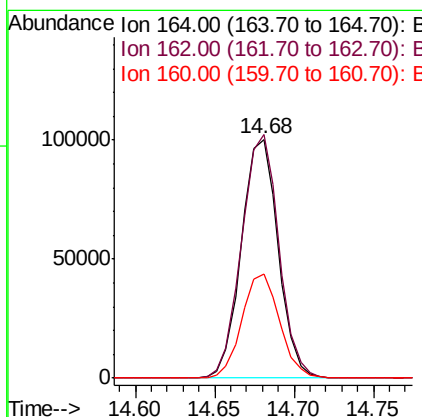
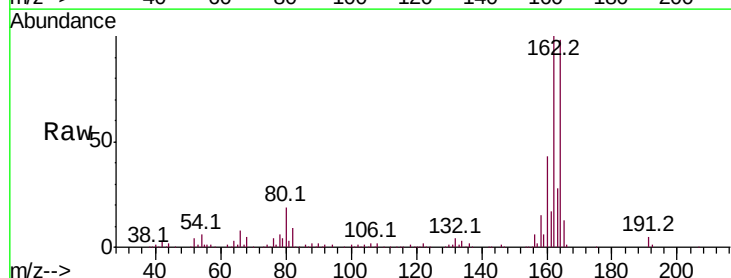
Instrument :
BNA_G
ClientSampleId :
090618-TIPC-E-D-M

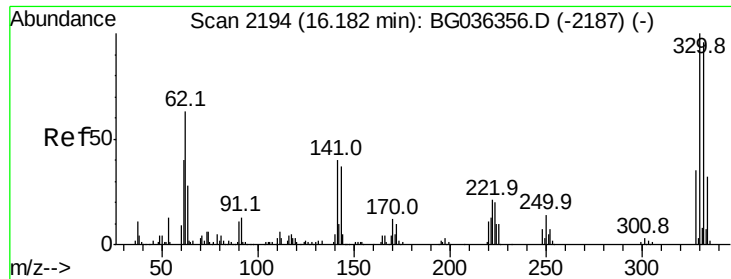
Tot Ion: 82 Resp: 419625
Ion Ratio Lower Upper
82 100
128 41.6 33.3 49.9
54 55.7 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036627.D
Acq: 10 Sep 2018 16:27

Tgt Ion: 164 Resp: 161783
Ion Ratio Lower Upper
164 100
162 101.9 80.7 121.1
160 43.5 35.3 52.9

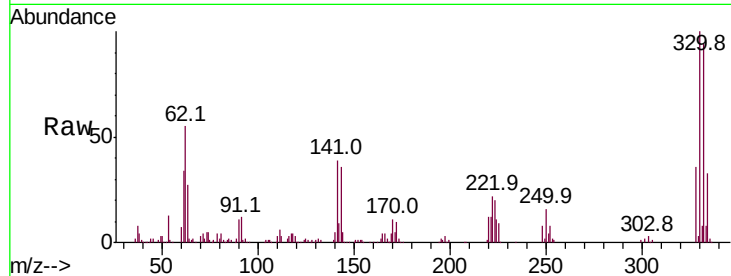




#41
 2,4,6-Tribromophenol
 Concen: 87.791 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036627.D
 Acq: 10 Sep 2018 16:27

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.4	113.2
141	36.9	30.7	46.1

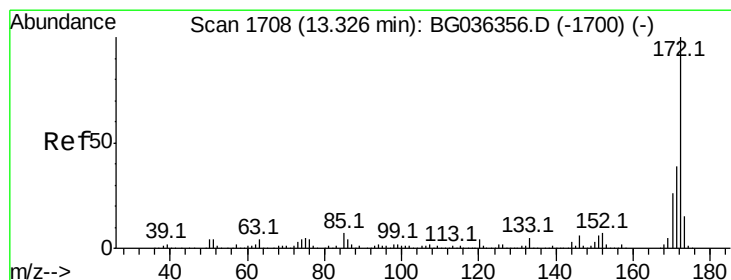
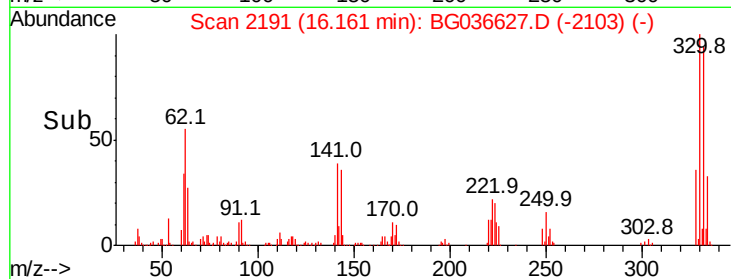
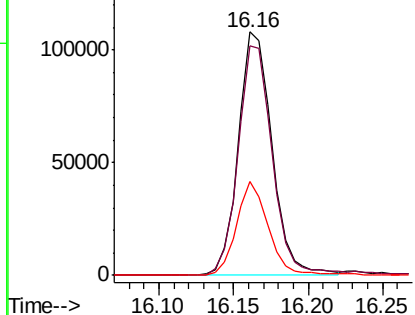


Abundance

Ion 329.80 (329.50 to 330.50): E

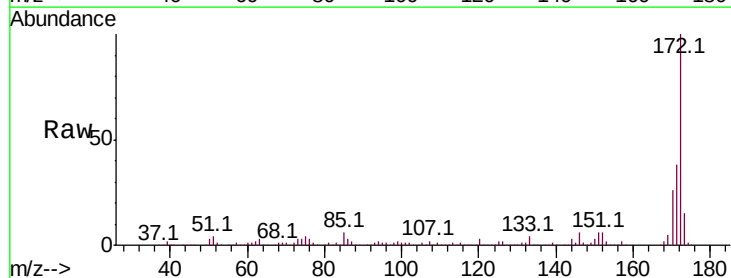
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.055 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036627.D
 Acq: 10 Sep 2018 16:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	25.6	21.0	31.6

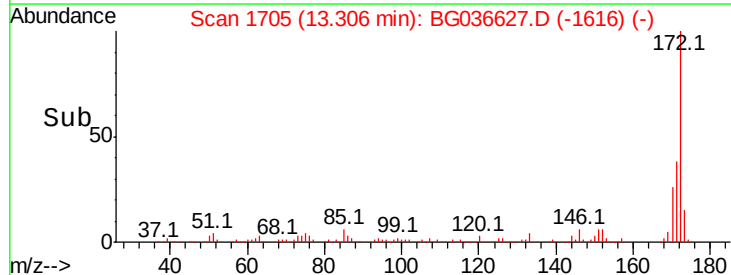
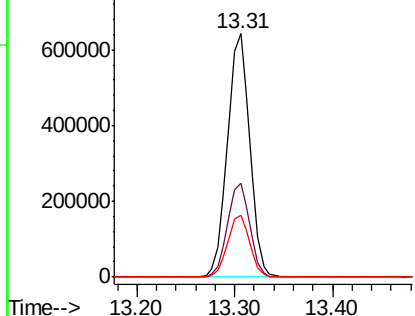


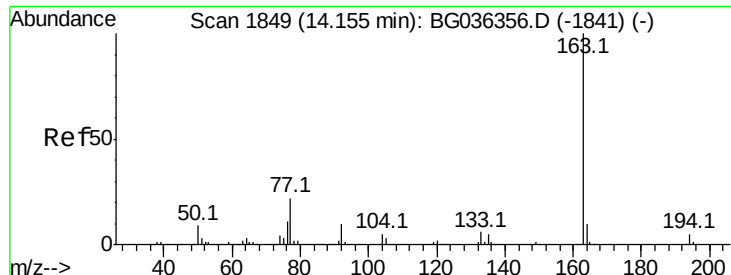
Abundance

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





#49

Dimethylphthalate

Concen: 6.581 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BG036627.D

Acq: 10 Sep 2018 16:27

Instrument :

BNA_G

ClientSampleId :

090618-TIPC-E-D-M

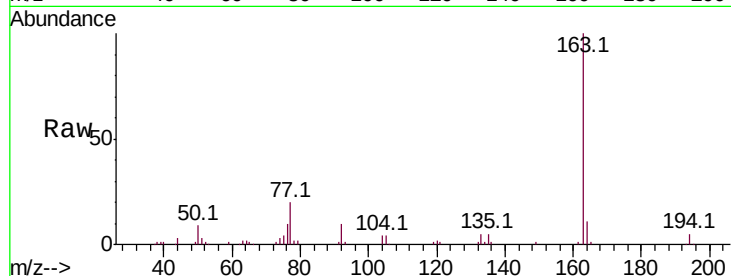
Tot Ion:163 Resp: 86932

Ion Ratio Lower Upper

163 100

194 5.0 4.0 6.0

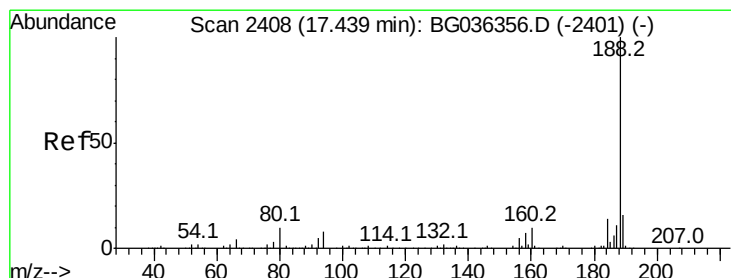
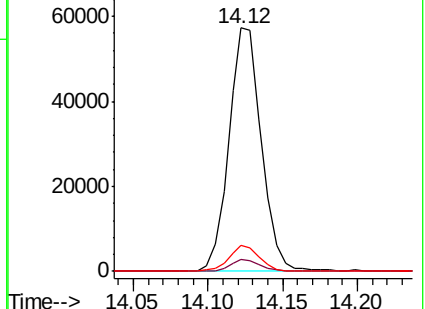
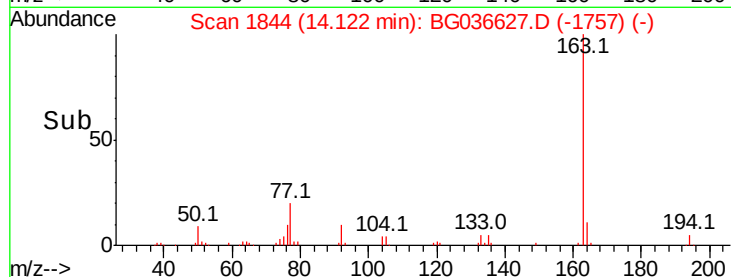
164 10.8 8.1 12.1



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# 2406

Delta R.T. -0.00 min

Lab File: BG036627.D

Acq: 10 Sep 2018 16:27

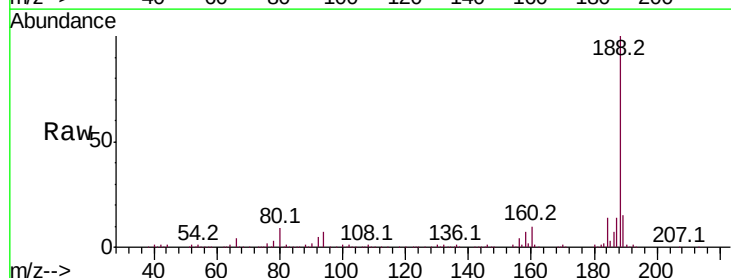
Tgt Ion:188 Resp: 399078

Ion Ratio Lower Upper

188 100

94 7.2 6.7 10.1

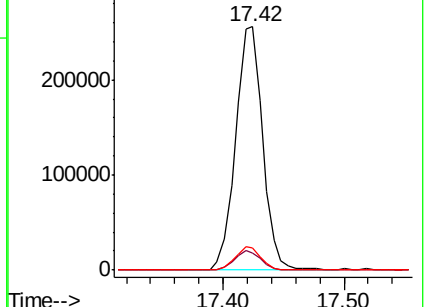
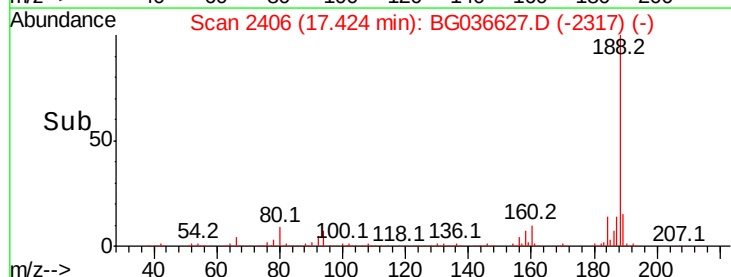
80 9.0 8.1 12.1

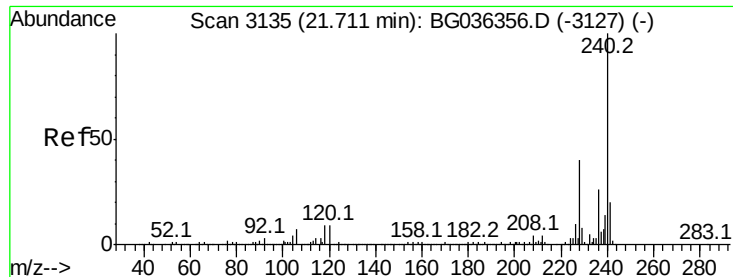


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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: BG036627.D

Acq: 10 Sep 2018 16:27

Instrument :

BNA_G

ClientSampleId :

090618-TIPC-E-D-M

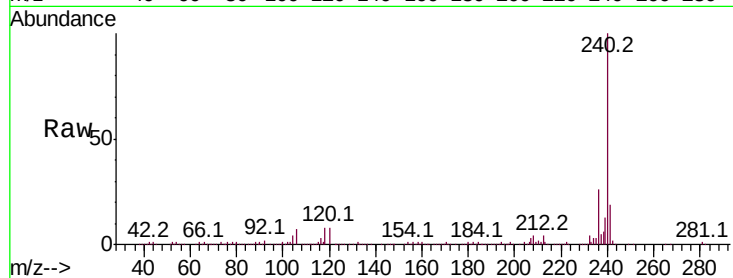
Tot Ion:240 Resp: 414460

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

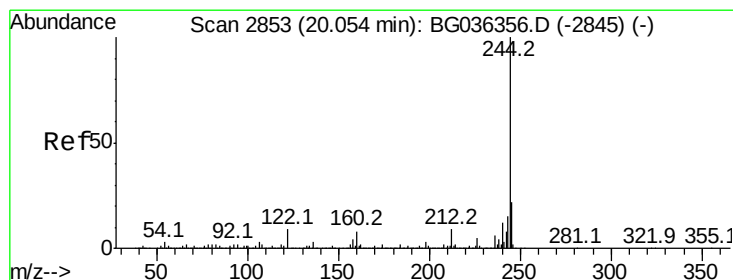
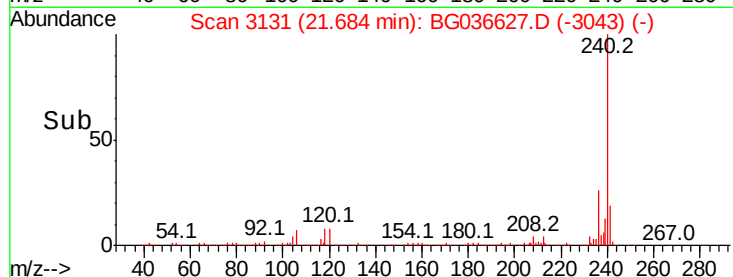
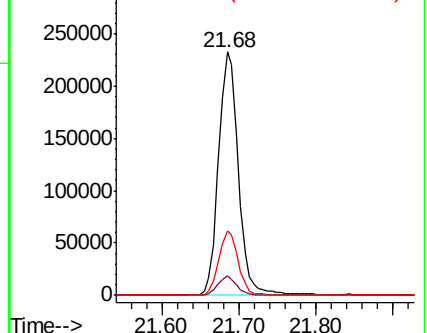
236 26.2 21.2 31.8



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: 88.142 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036627.D

Acq: 10 Sep 2018 16:27

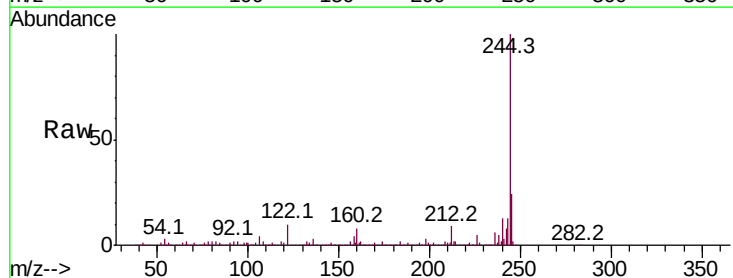
Tgt Ion:244 Resp: 1562944

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

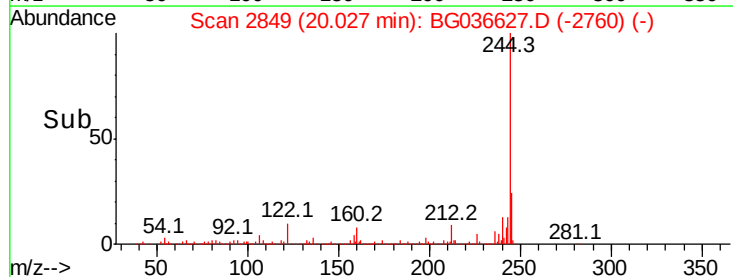
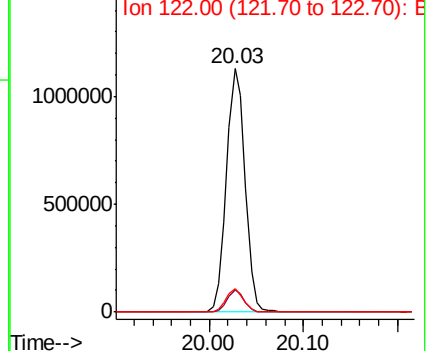
122 9.7 7.1 10.7

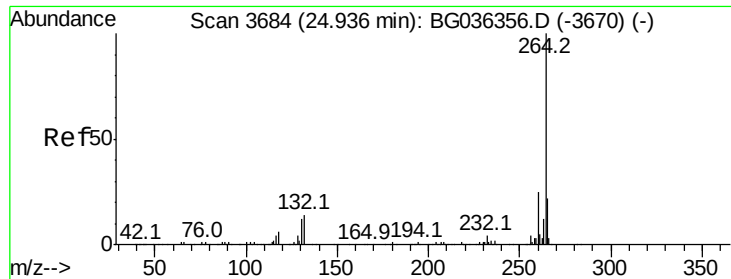


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

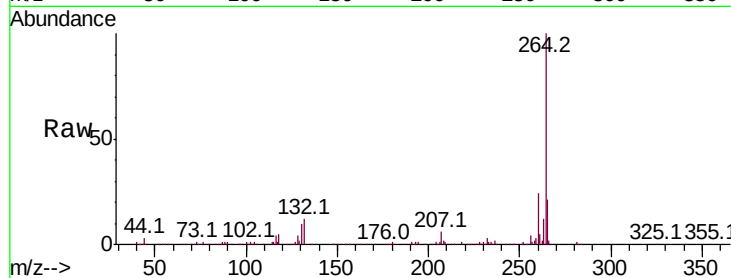




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG036627.D
Acq: 10 Sep 2018 16:27

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.0	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

