

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028941.D
 Acq On : 26 Sep 2017 13:07
 Operator : SJ/JU
 Sample : I5395-09RE
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-(0-5)RE

Quant Time: Sep 26 13:50:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 12:06:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	23785	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	96503	20.00	ng	0.00
38) Acenaphthene-d10	14.90	164	69331	20.00	ng	0.00
63) Phenanthrene-d10	17.65	188	234082	20.00	ng	0.00
75) Chrysene-d12	21.97	240	282520	20.00	ng	0.00
86) Perylene-d12	25.42	264	285920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	40731	28.26	ng	0.00
7) Phenol-d6	7.44	99	48864	22.51	ng	0.00
23) Nitrobenzene-d5	9.45	82	38457	19.06	ng	0.00
41) 2,4,6-Tribromophenol	16.39	330	36902	32.18	ng	0.00
44) 2-Fluorobiphenyl	13.52	172	99306	19.10	ng	0.00
78) Terphenyl-d14	20.23	244	270006	20.38	ng	0.00

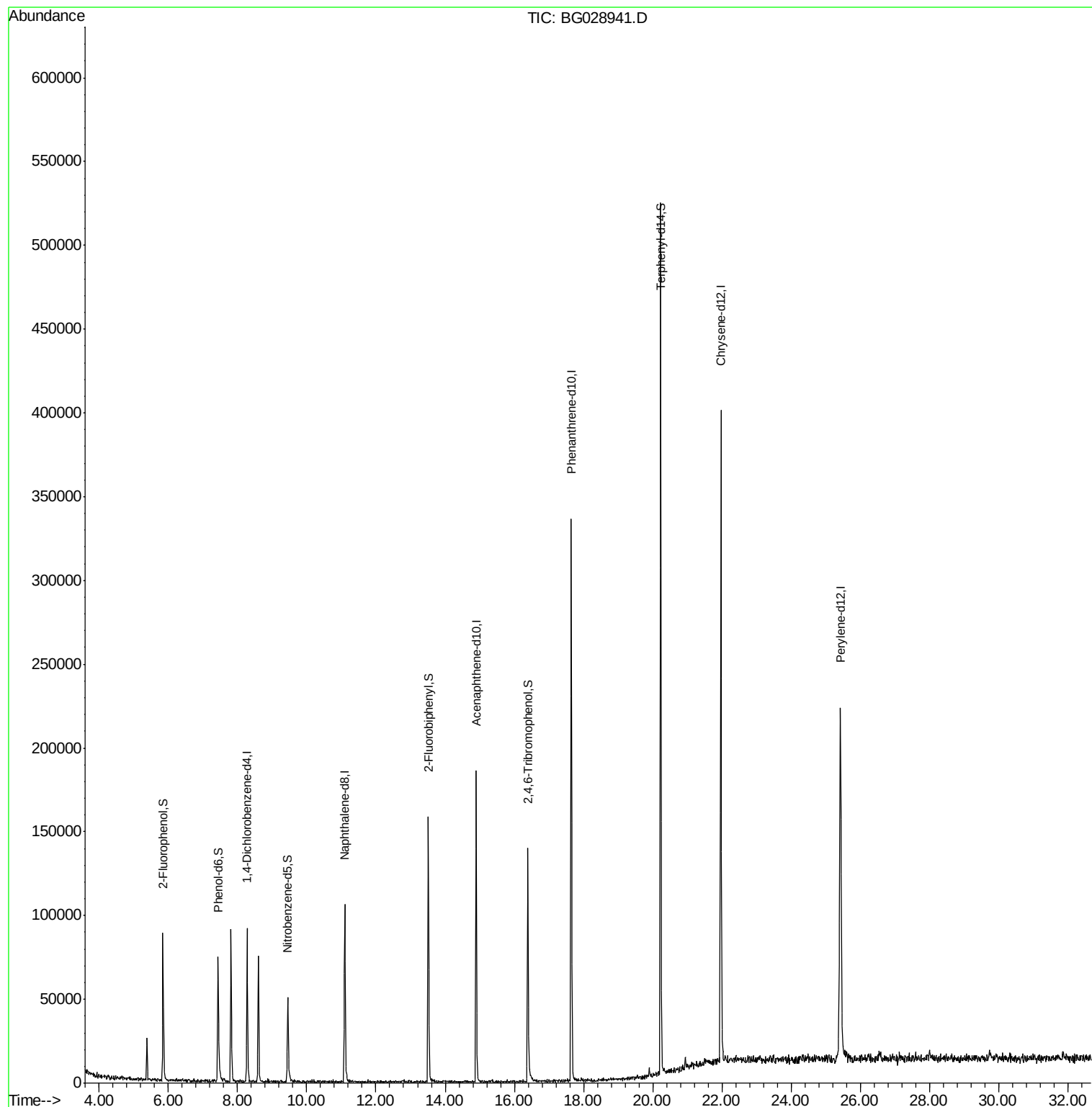
Target Compounds Qvalue

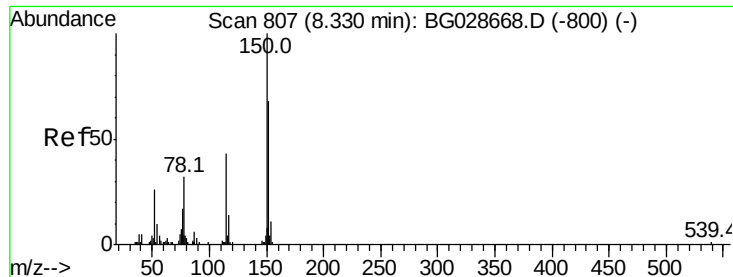
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG028941.D

Acq: 26 Sep 2017 13:07

Instrument :

BNA_G

ClientSampleId :

TP-3-(0-5)RE

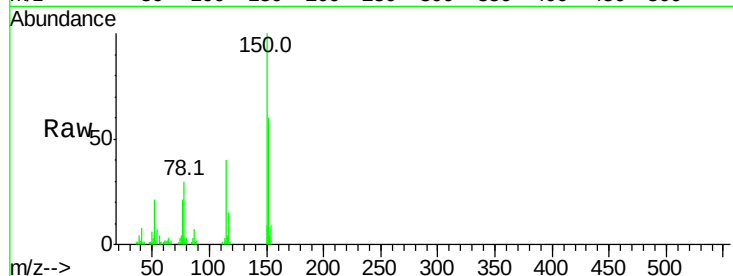
Tot Ion:152 Resp: 23785

Ion Ratio Lower Upper

152 100

150 166.3 114.0 171.0

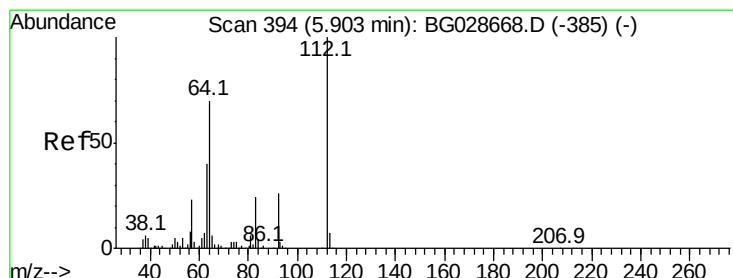
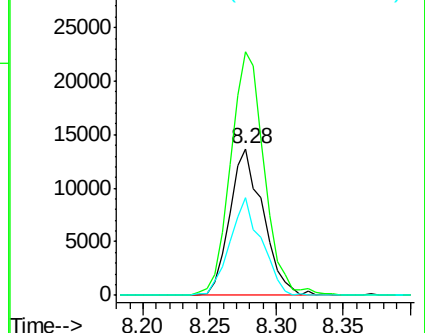
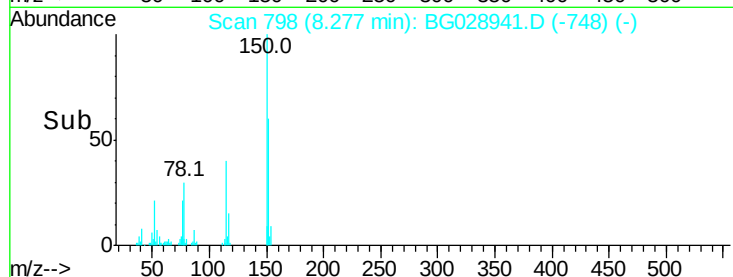
115 67.0 48.1 72.1



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: 28.257 ng

RT: 5.85 min Scan# 385

Delta R.T. 0.01 min

Lab File: BG028941.D

Acq: 26 Sep 2017 13:07

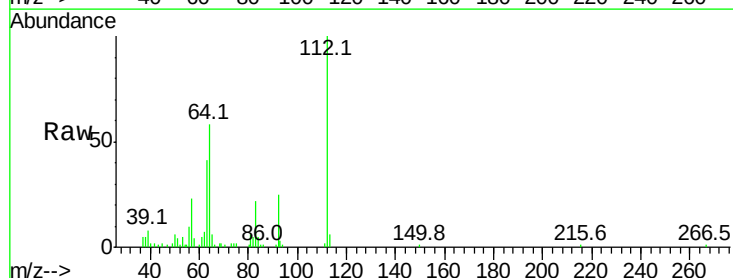
Tgt Ion:112 Resp: 40731

Ion Ratio Lower Upper

112 100

64 57.5 61.8 92.6#

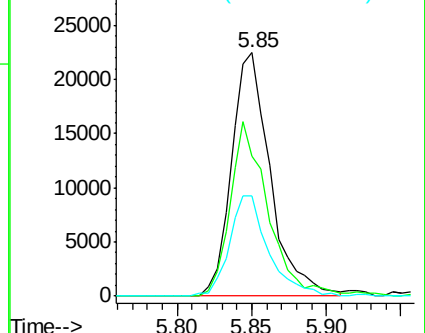
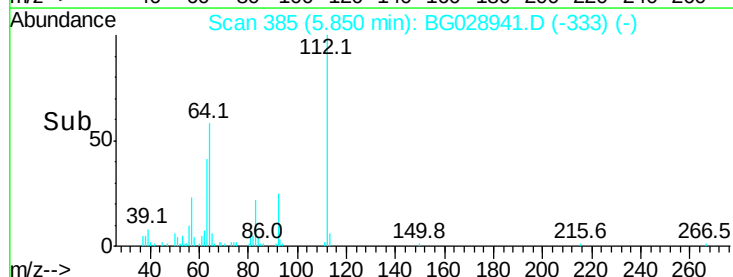
63 41.3 37.2 55.8

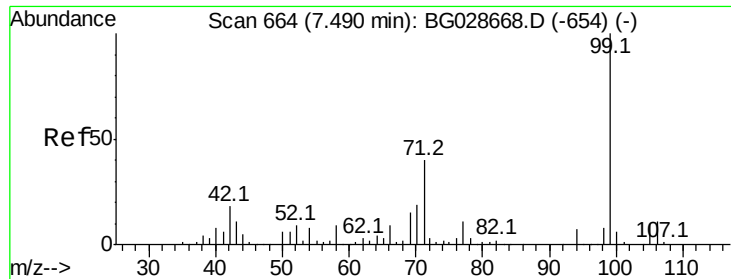


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 22.515 ng

RT: 7.44 min Scan# 655

Delta R.T. 0.00 min

Lab File: BG028941.D

Acq: 26 Sep 2017 13:07

Instrument :

BNA_G

ClientSampleId :

TP-3-(0-5)RE

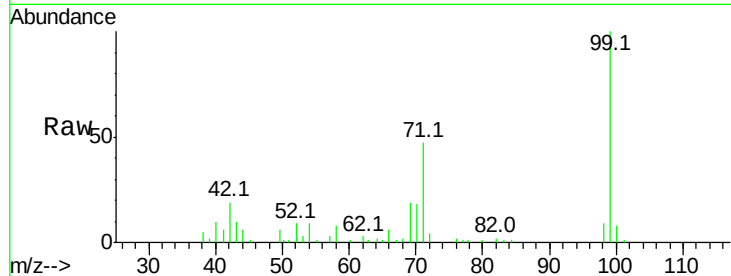
Tot Ion: 99 Resp: 48864

Ion Ratio Lower Upper

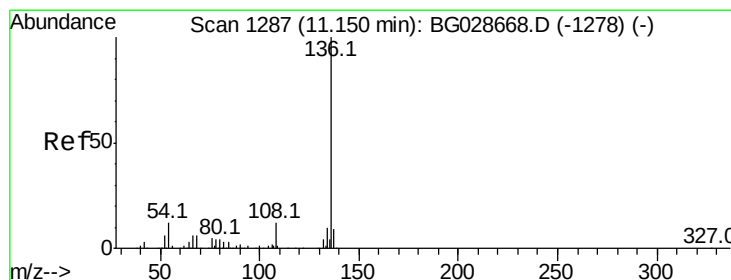
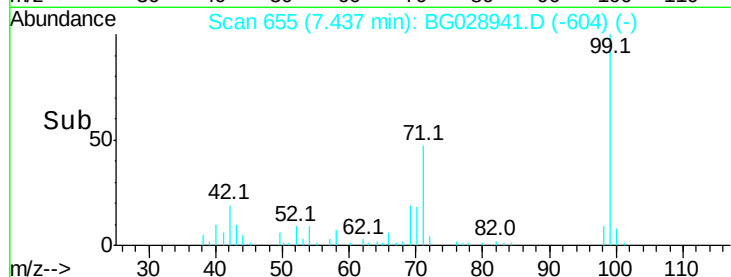
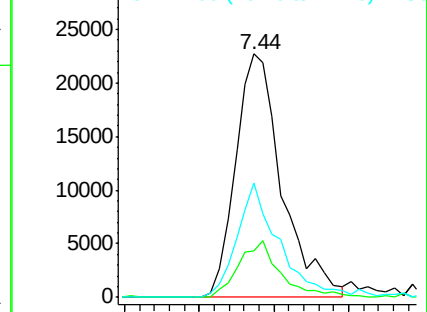
99 100

42 19.1 20.5 30.7#

71 47.2 37.6 56.4



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: 11.10 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BG028941.D

Acq: 26 Sep 2017 13:07

Tgt Ion: 136 Resp: 96503

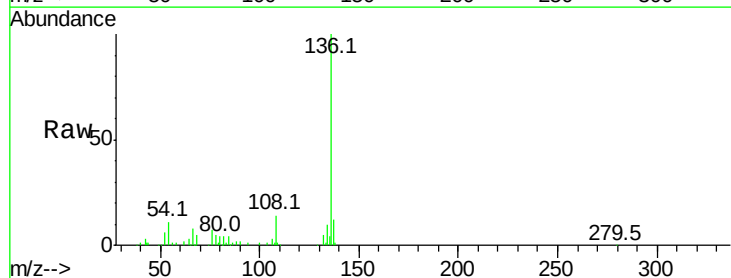
Ion Ratio Lower Upper

136 100

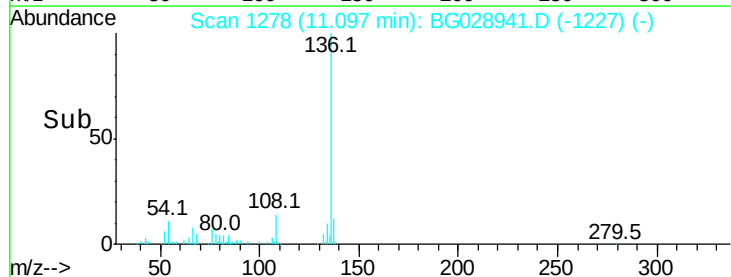
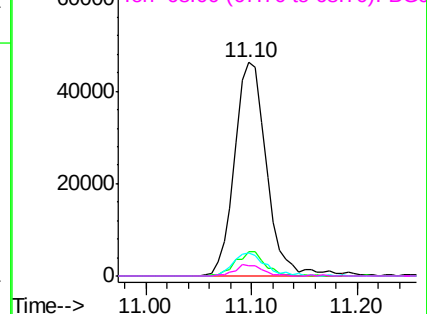
137 11.7 8.9 13.3

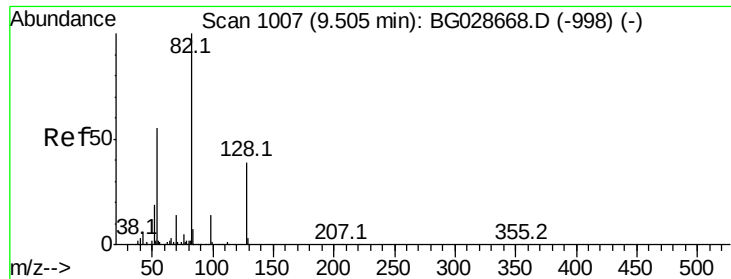
54 11.1 9.3 13.9

68 4.6 5.1 7.7#



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

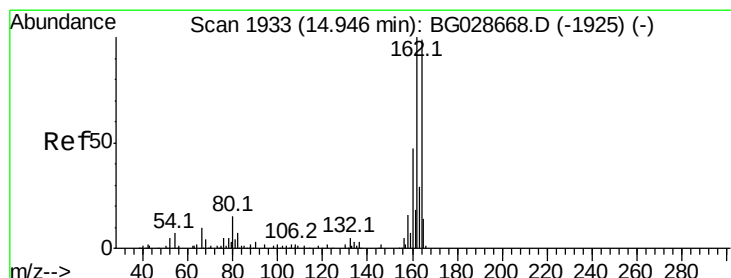
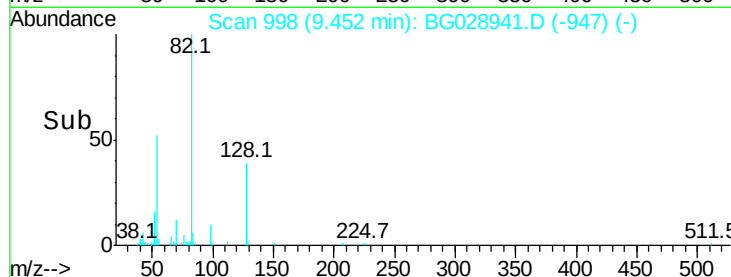
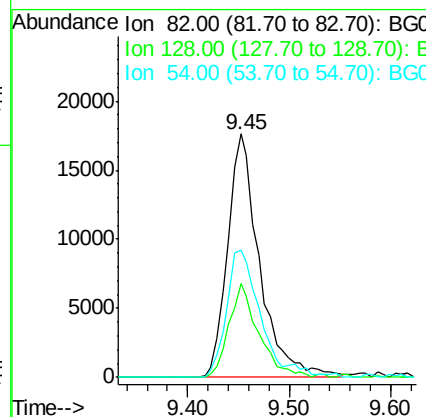
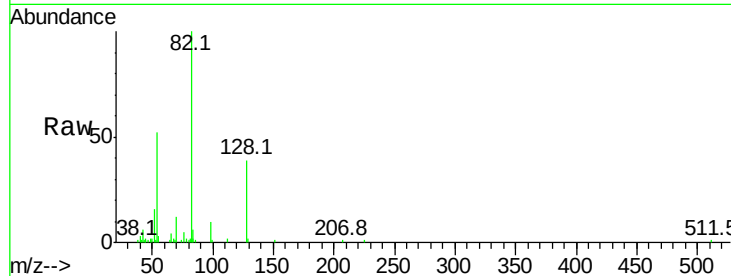




#23
Nitrobenzene-d5
Concen: 19.063 ng
RT: 9.45 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG028941.D
Acq: 26 Sep 2017 13:07

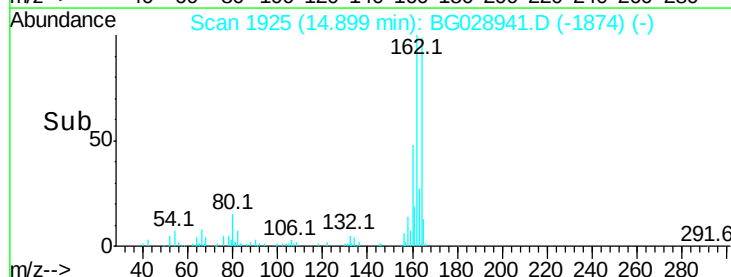
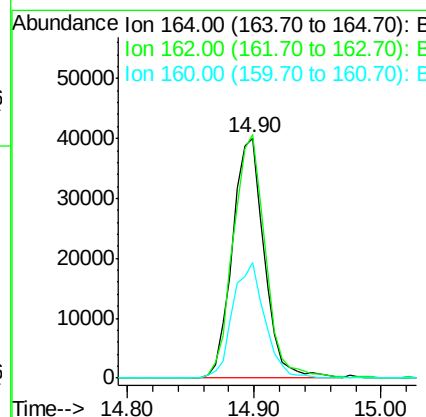
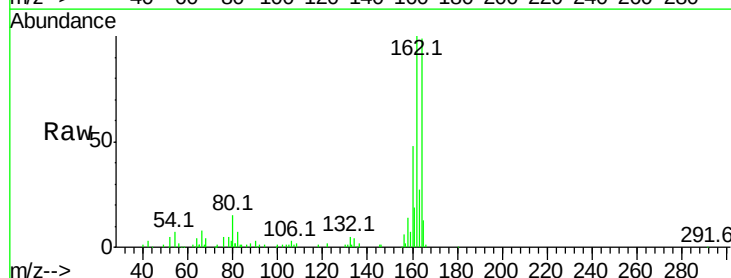
Instrument :
BNA_G
ClientSampleId :
TP-3-(0-5)RE

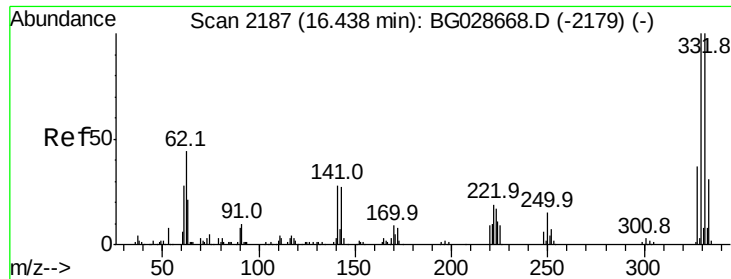
Tot Ion	82	Resp	38457
Ion Ratio	Lower	Upper	
82	100		
128	38.7	26.4	39.6
54	52.0	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BG028941.D
Acq: 26 Sep 2017 13:07

Tgt Ion	164	Resp	69331
Ion Ratio	Lower	Upper	
164	100		
162	101.3	85.1	127.7
160	48.3	34.7	52.1

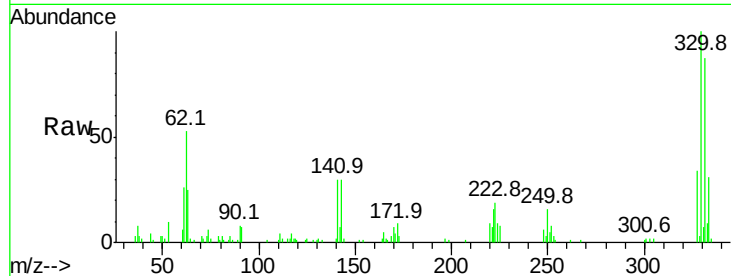




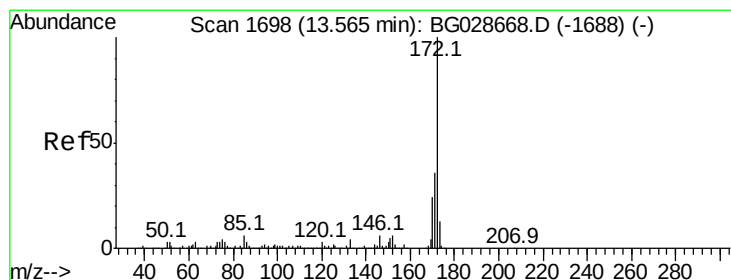
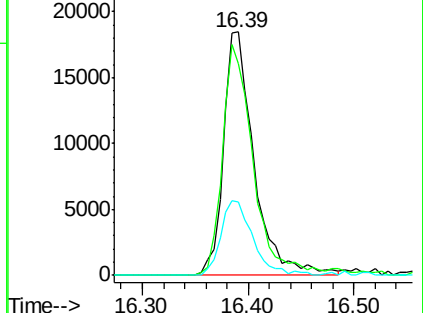
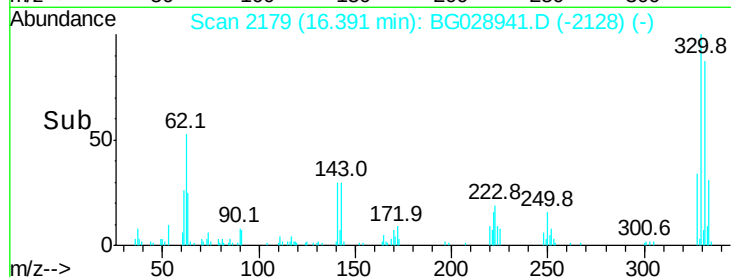
#41
 2,4,6-Tribromophenol
 Concen: 32.181 ng
 RT: 16.39 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BG028941.D
 Acq: 26 Sep 2017 13:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-(0-5)RE

Tot Ion:330 Resp: 36902
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.3 115.9
 141 32.5 32.1 48.1

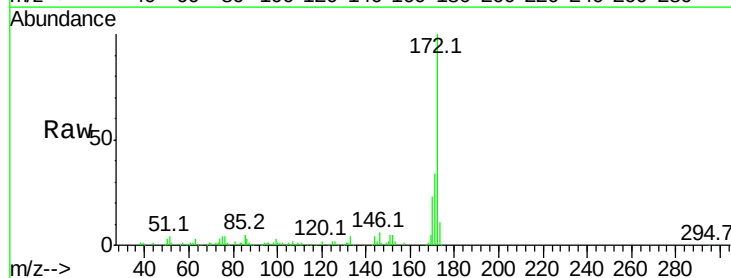


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

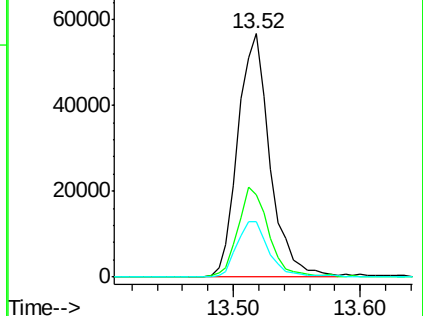
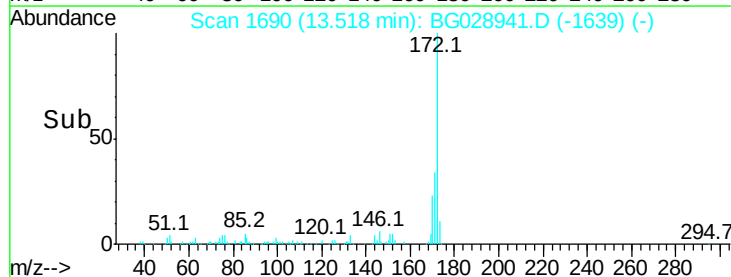


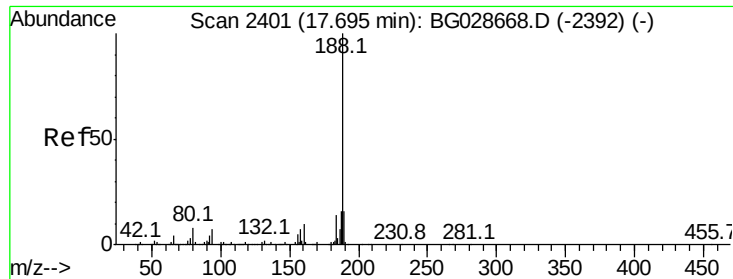
#44
 2-Fluorobiphenyl
 Concen: 19.099 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BG028941.D
 Acq: 26 Sep 2017 13:07

Tgt Ion:172 Resp: 99306
 Ion Ratio Lower Upper
 172 100
 171 33.9 32.2 48.2
 170 22.7 21.8 32.6



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: 17.65 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BG028941.D

Acq: 26 Sep 2017 13:07

Instrument :

BNA_G

ClientSampleId :

TP-3-(0-5)RE

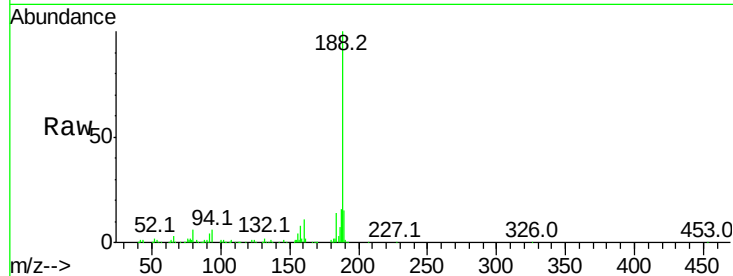
Tot Ion:188 Resp: 234082

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.8

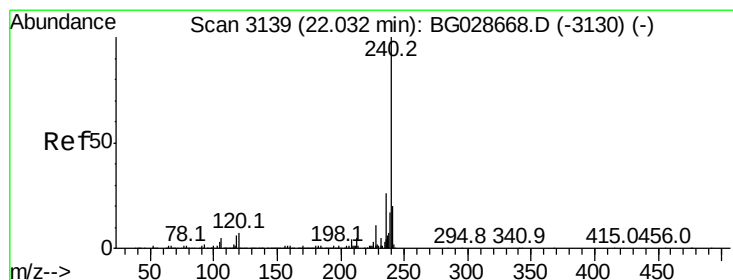
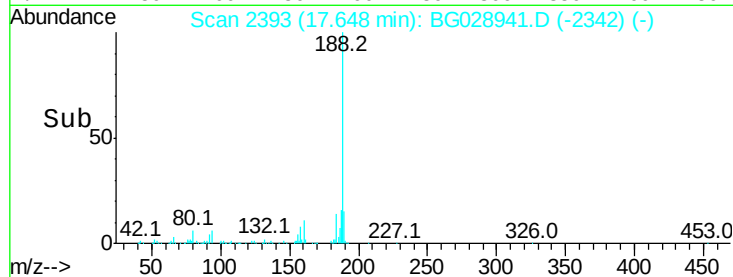
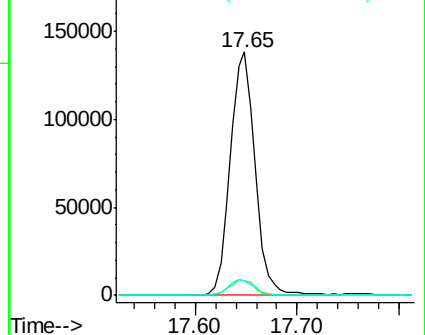
80 6.0 7.5 11.3#



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: 21.97 min Scan# 3128

Delta R.T. 0.00 min

Lab File: BG028941.D

Acq: 26 Sep 2017 13:07

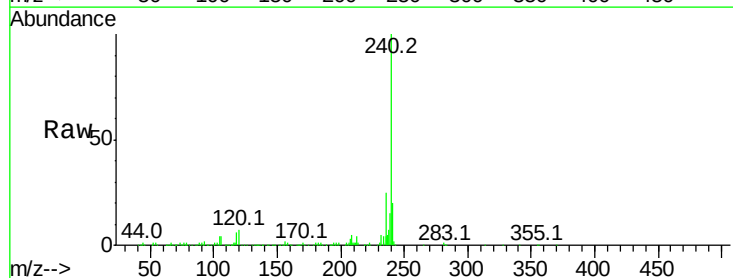
Tgt Ion:240 Resp: 282520

Ion Ratio Lower Upper

240 100

120 6.7 5.7 8.5

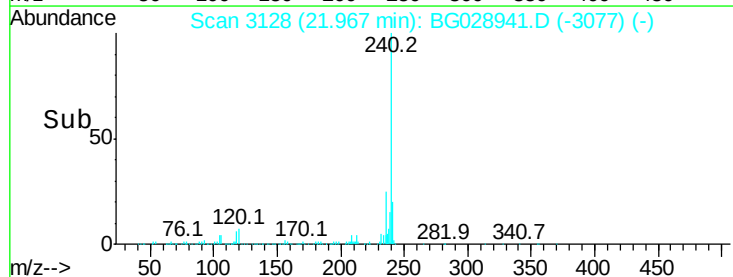
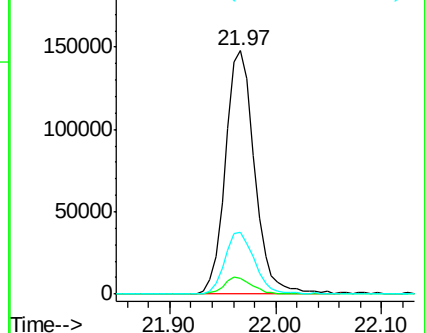
236 25.4 22.2 33.4

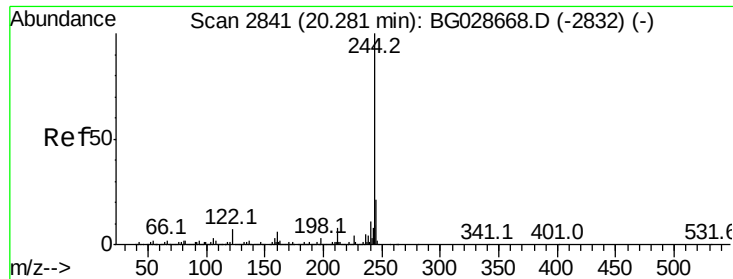


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 20.381 ng

RT: 20.23 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BG028941.D

Acq: 26 Sep 2017 13:07

Instrument :

BNA_G

ClientSampleId :

TP-3-(0-5)RE

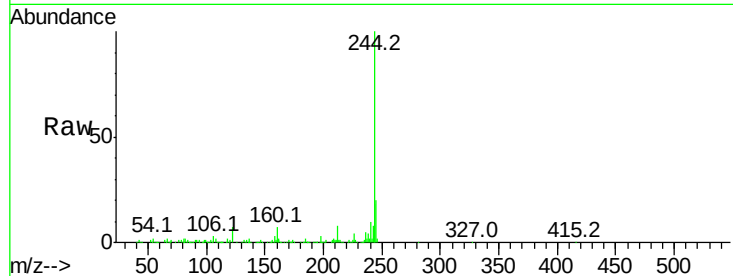
Tot Ion:244 Resp: 270006

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

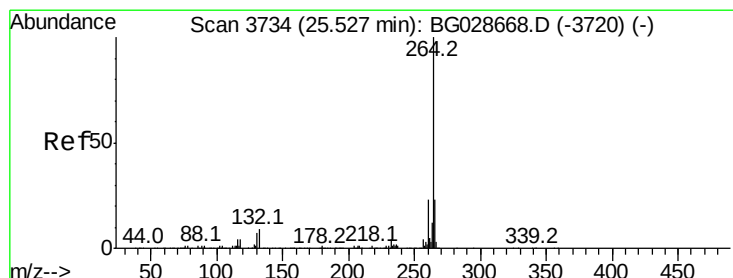
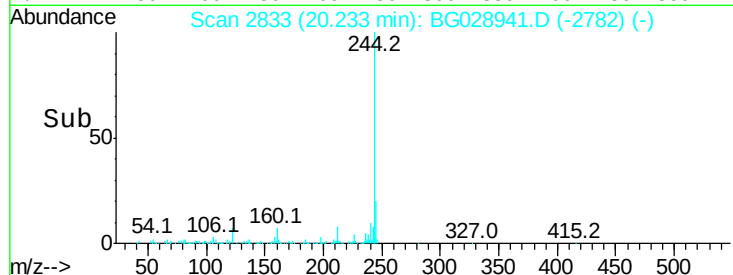
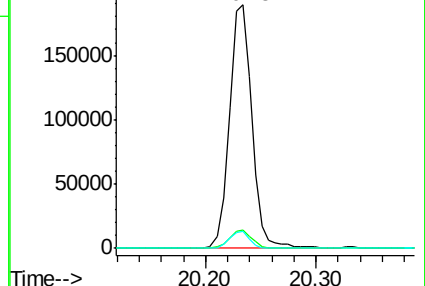
122 7.1 8.6 12.8#



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: 25.42 min Scan# 3716

Delta R.T. 0.01 min

Lab File: BG028941.D

Acq: 26 Sep 2017 13:07

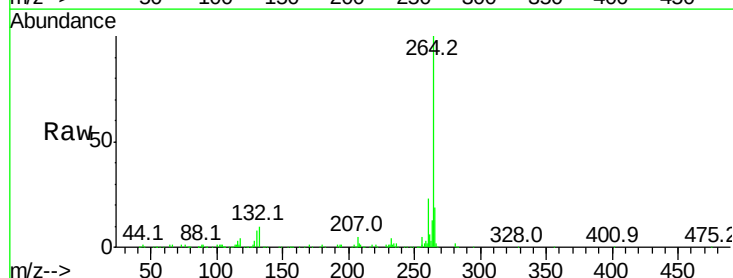
Tgt Ion:264 Resp: 285920

Ion Ratio Lower Upper

264 100

260 23.1 21.8 32.8

265 19.3 18.2 27.4



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

