

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028934.D
 Acq On : 26 Sep 2017 8:32
 Operator : SJ/JU
 Sample : I5395-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-(0-5)

Quant Time: Sep 26 12:08:05 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	33570	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	127583	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	89900	20.00	ng	0.00
63) Phenanthrene-d10	17.65	188	249527	20.00	ng	0.00
75) Chrysene-d12	21.97	240	284892	20.00	ng	0.00
86) Perylene-d12	25.42	264	283784	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	293979	144.50	ng	0.00
7) Phenol-d6	7.44	99	356672	116.44	ng	0.00
23) Nitrobenzene-d5	9.45	82	265880	99.69	ng	0.00
41) 2,4,6-Tribromophenol	16.39	330	237160	159.50	ng	0.00
44) 2-Fluorobiphenyl	13.52	172	673662	99.92	ng	0.00
78) Terphenyl-d14	20.23	244	1357748	101.63	ng	0.00

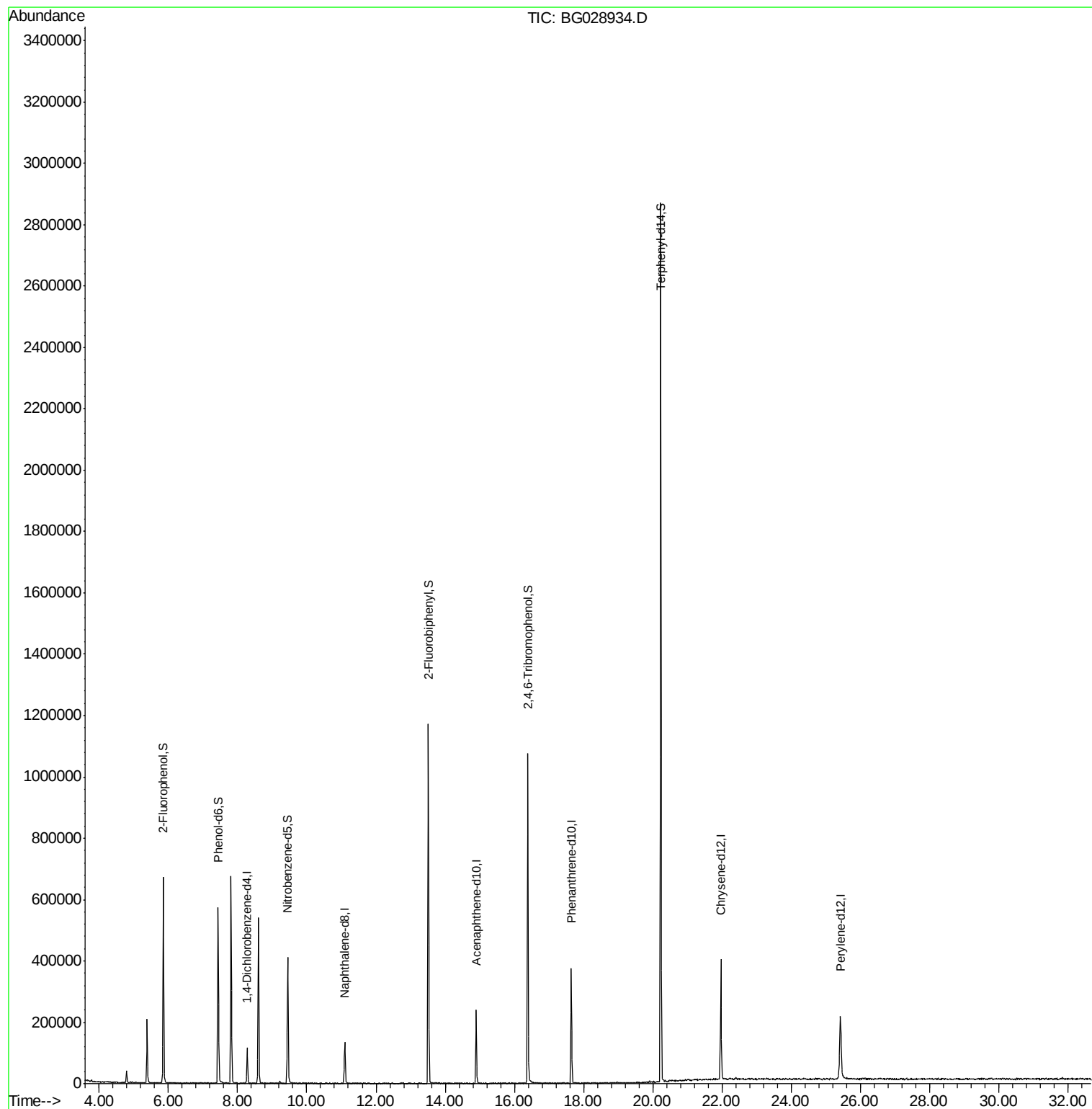
Target Compounds Qvalue

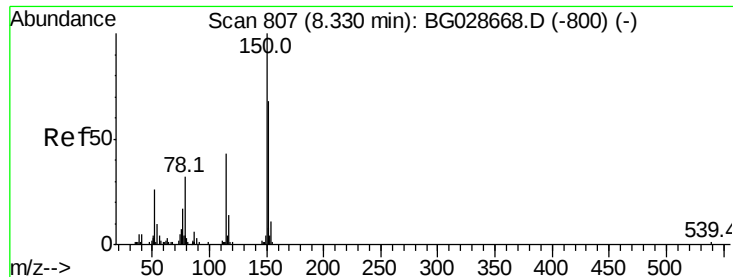
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG028934.D

Acq: 26 Sep 2017 8:32

Instrument :

BNA_G

ClientSampleId :

TP-1-(0-5)

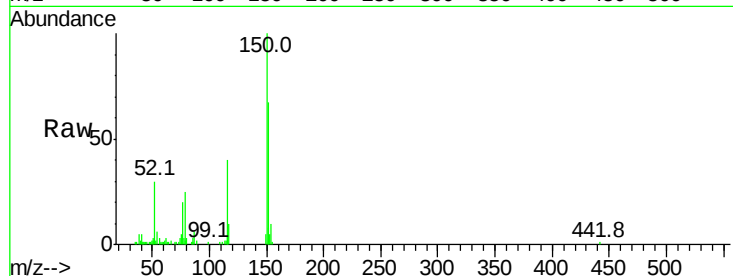
Tot Ion:152 Resp: 33570

Ion Ratio Lower Upper

152 100

150 148.7 114.0 171.0

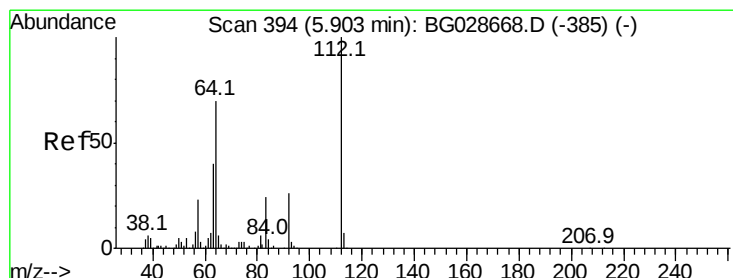
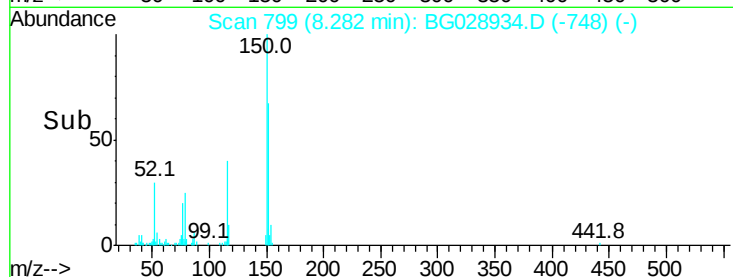
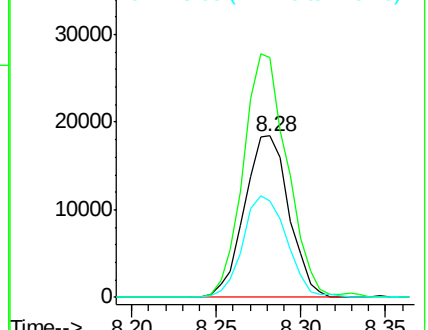
115 59.7 48.1 72.1



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: 144.498 ng

RT: 5.85 min Scan# 385

Delta R.T. 0.01 min

Lab File: BG028934.D

Acq: 26 Sep 2017 8:32

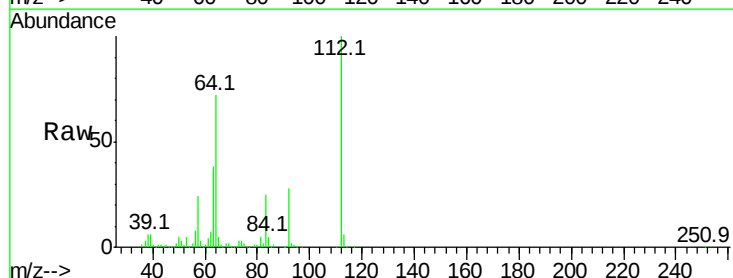
Tgt Ion:112 Resp: 293979

Ion Ratio Lower Upper

112 100

64 71.8 61.8 92.6

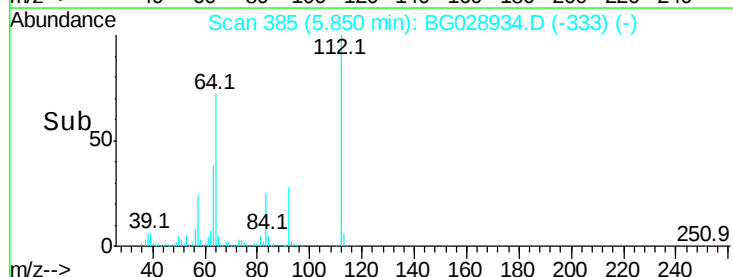
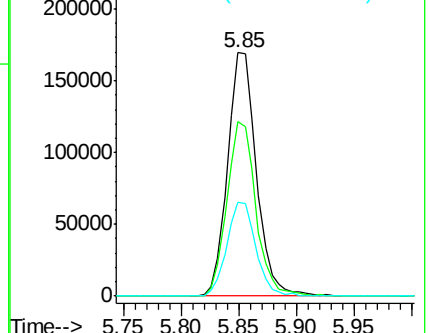
63 38.4 37.2 55.8

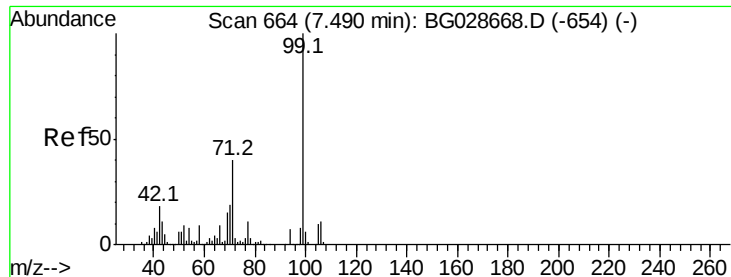


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.439 ng

RT: 7.44 min Scan# 655

Delta R.T. 0.00 min

Lab File: BG028934.D

Acq: 26 Sep 2017 8:32

Instrument :

BNA_G

ClientSampleId :

TP-1-(0-5)

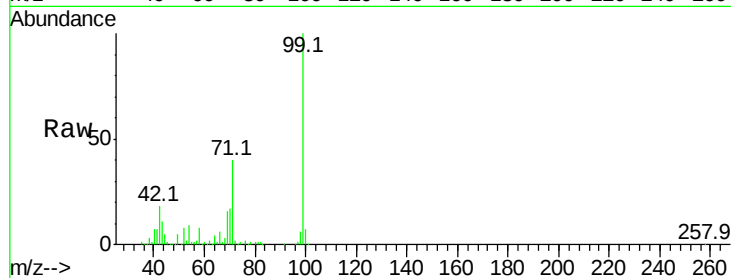
Tot Ion: 99 Resp: 356672

Ion Ratio Lower Upper

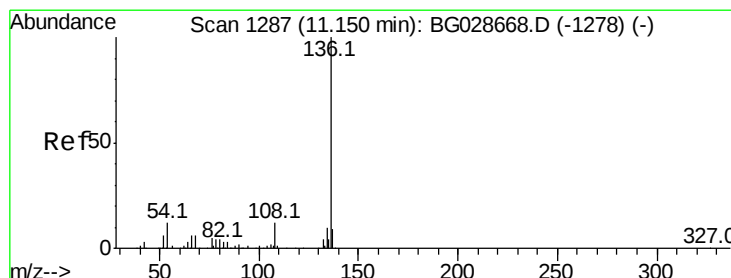
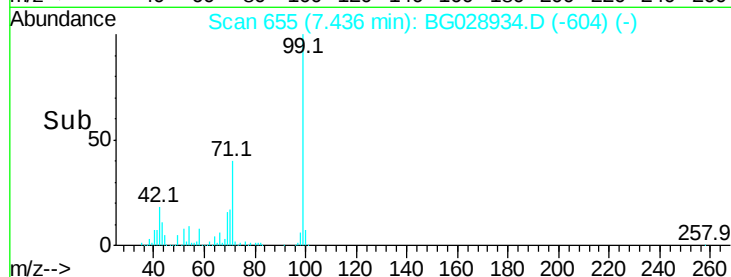
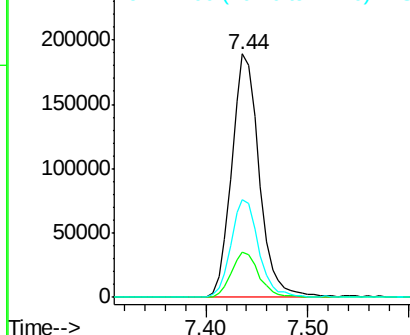
99 100

42 18.3 20.5 30.7#

71 40.0 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: BG028934.D

Acq: 26 Sep 2017 8:32

Tgt Ion: 136 Resp: 127583

Ion Ratio Lower Upper

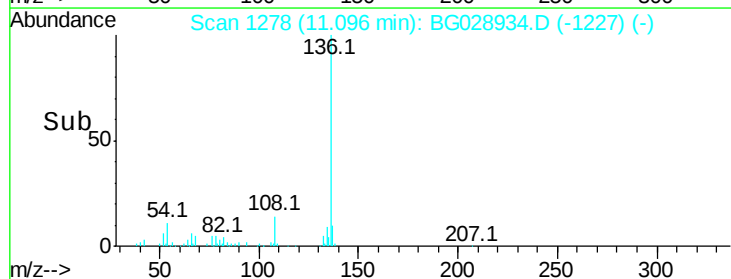
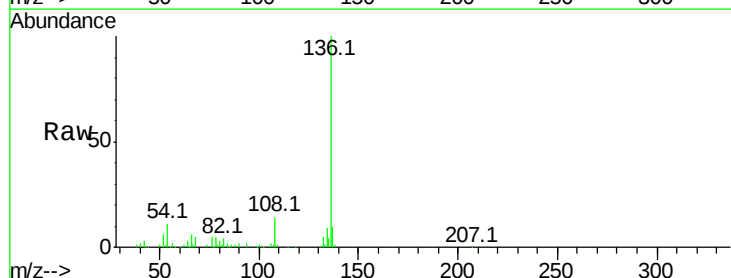
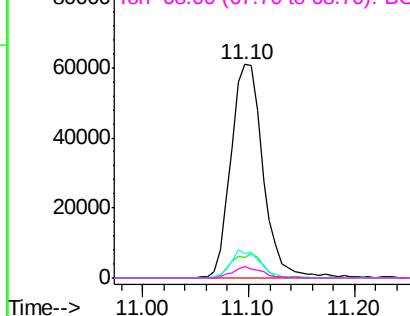
136 100

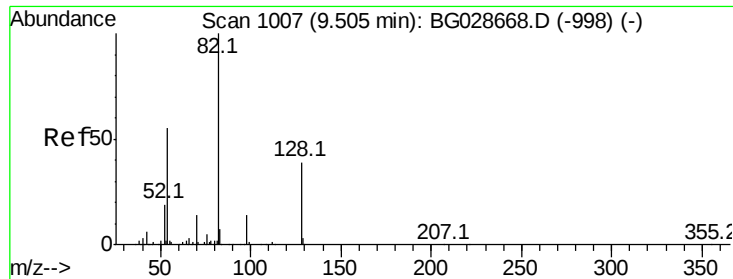
137 9.8 8.9 13.3

54 11.2 9.3 13.9

68 5.4 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

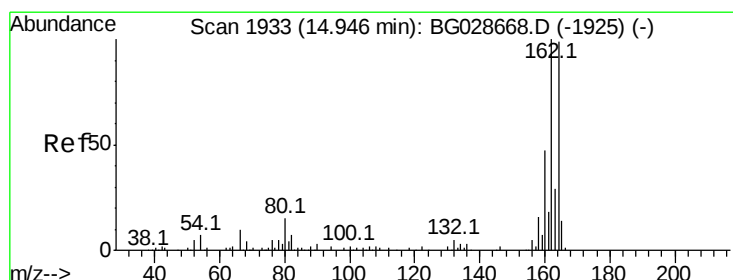
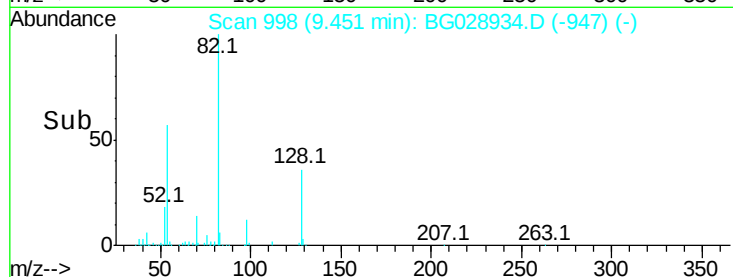
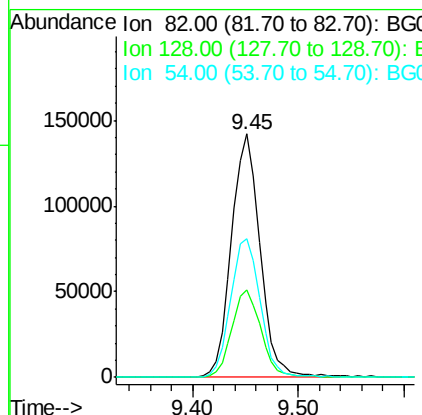
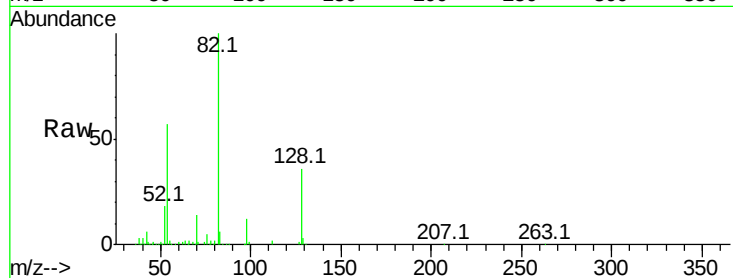




#23
Nitrobenzene-d5
Concen: 99.692 ng
RT: 9.45 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG028934.D
Acq: 26 Sep 2017 8:32

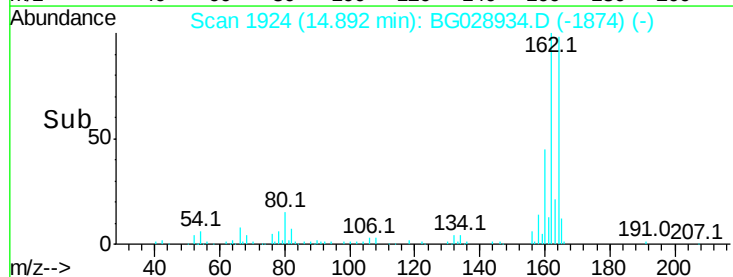
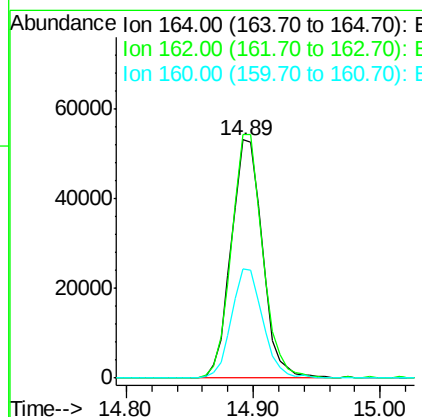
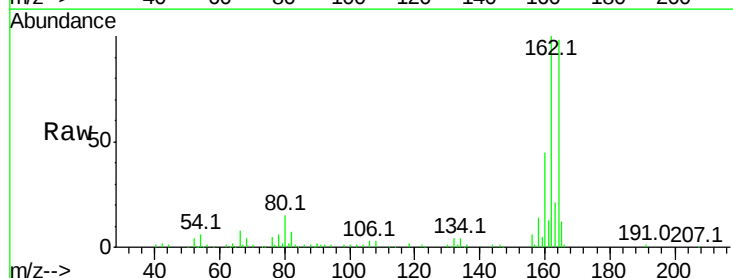
Instrument :
BNA_G
ClientSampleId :
TP-1-(0-5)

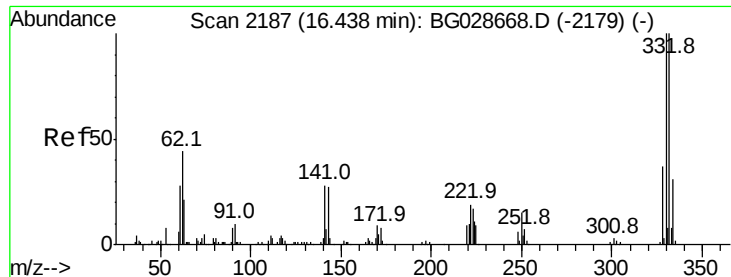
Tot Ion	82	Resp	265880
Ion	Ratio	Lower	Upper
82	100		
128	36.0	26.4	39.6
54	57.2	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BG028934.D
Acq: 26 Sep 2017 8:32

Tgt Ion	164	Resp	89900
Ion	Ratio	Lower	Upper
164	100		
162	102.2	85.1	127.7
160	46.1	34.7	52.1

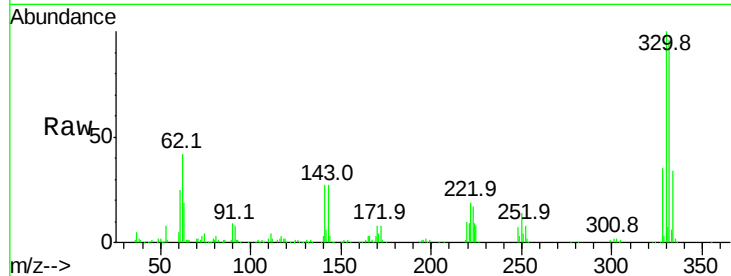




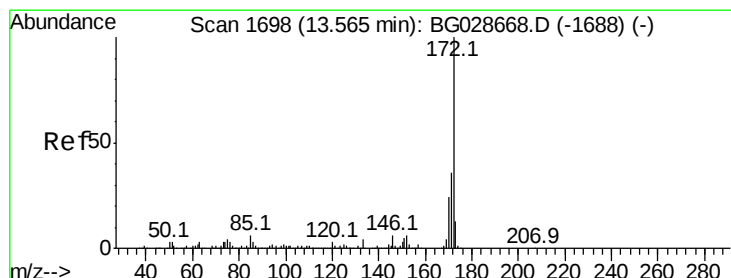
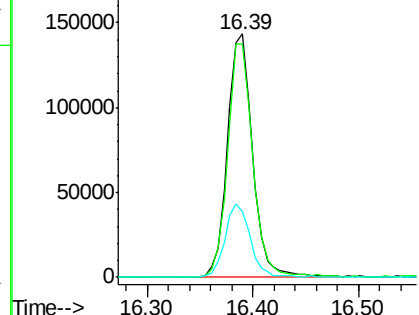
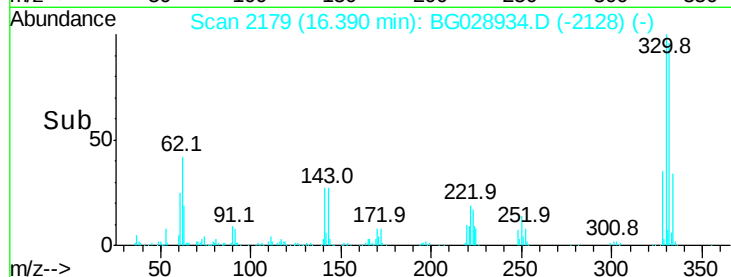
#41
 2,4,6-Tribromophenol
 Concen: 159.501 ng
 RT: 16.39 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BG028934.D
 Acq: 26 Sep 2017 8:32

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-(0-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.3	115.9
141	30.4	32.1	48.1#

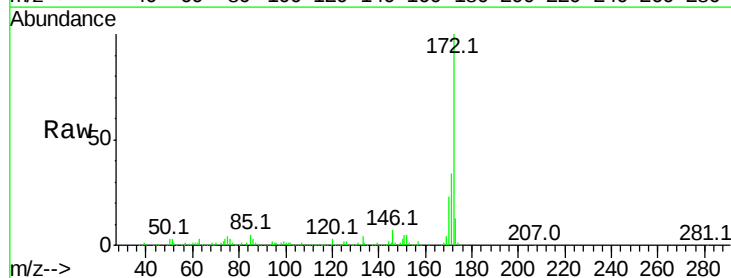


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

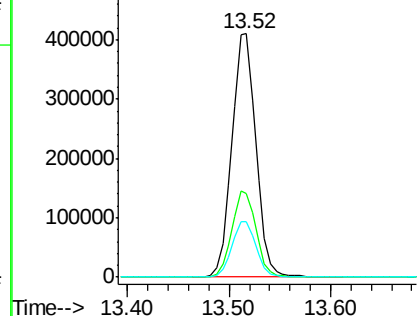
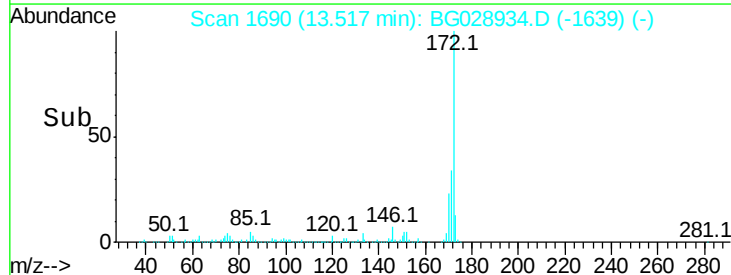


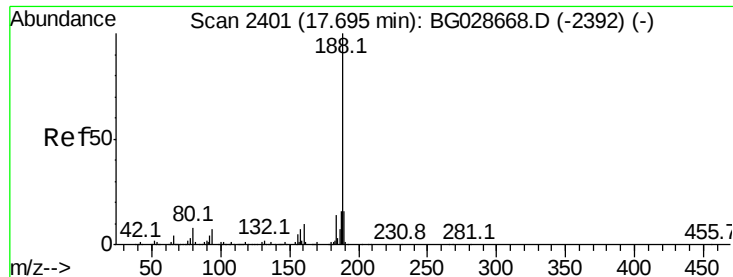
#44
 2-Fluorobiphenyl
 Concen: 99.919 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BG028934.D
 Acq: 26 Sep 2017 8:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	32.2	48.2
170	22.5	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

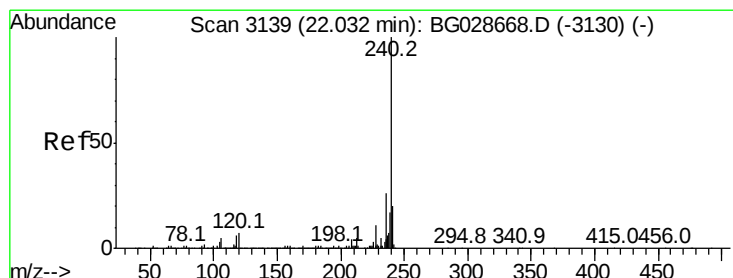
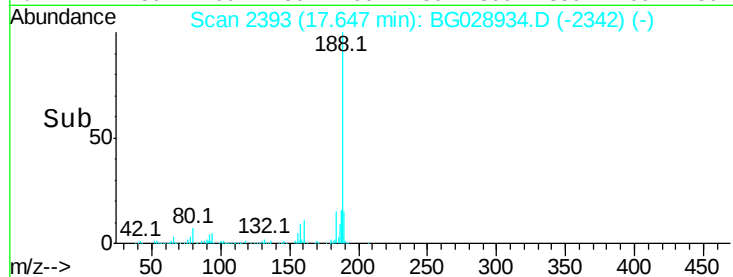
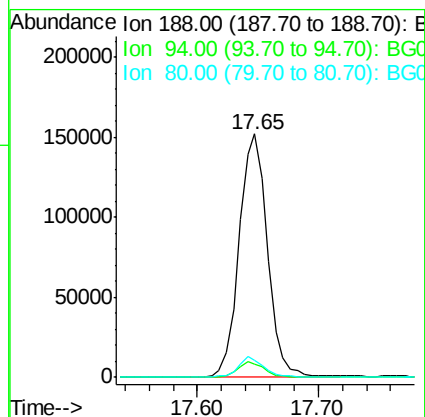
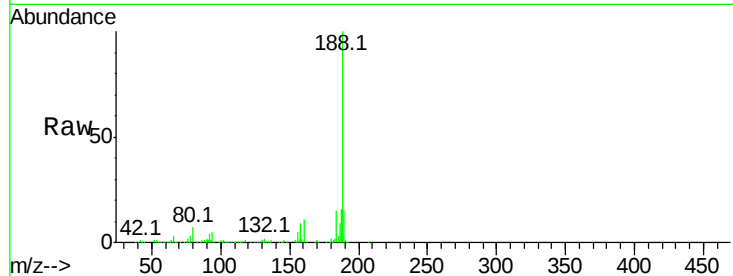




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BG028934.D
Acq: 26 Sep 2017 8:32

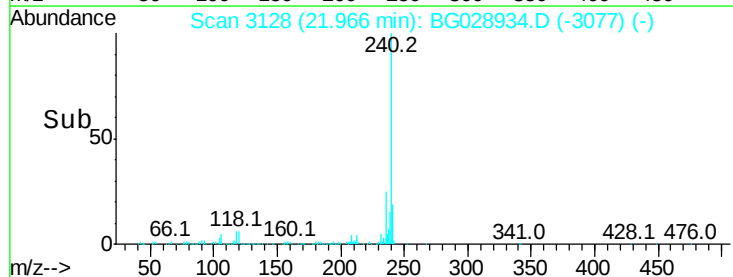
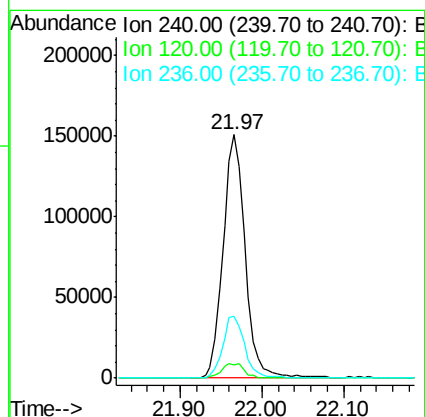
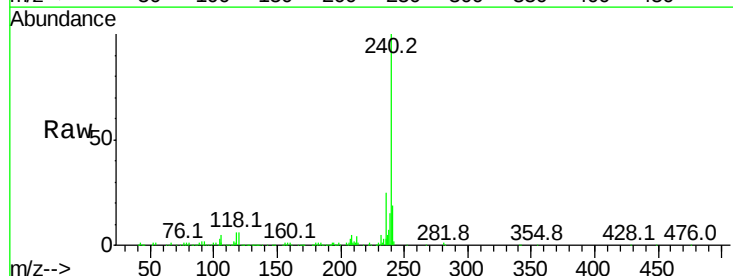
Instrument :
BNA_G
ClientSampleId :
TP-1-(0-5)

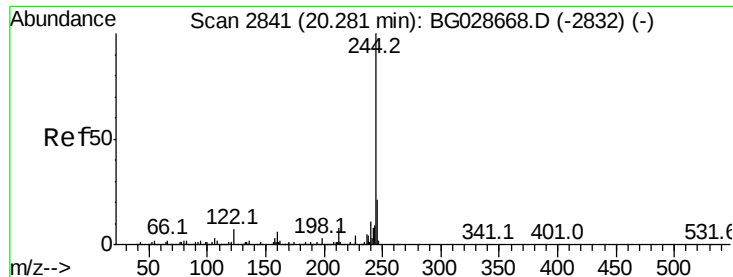
Tot Ion:188 Resp: 249527
Ion Ratio Lower Upper
188 100
94 5.2 5.8 8.8#
80 6.9 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.97 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BG028934.D
Acq: 26 Sep 2017 8:32

Tgt Ion:240 Resp: 284892
Ion Ratio Lower Upper
240 100
120 5.6 5.7 8.5#
236 25.2 22.2 33.4





#78

Terphenyl-d14

Concen: 101.635 ng

RT: 20.23 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BG028934.D

Acq: 26 Sep 2017 8:32

Instrument :

BNA_G

ClientSampleId :

TP-1-(0-5)

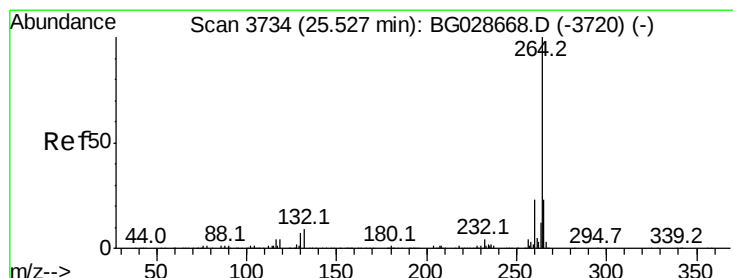
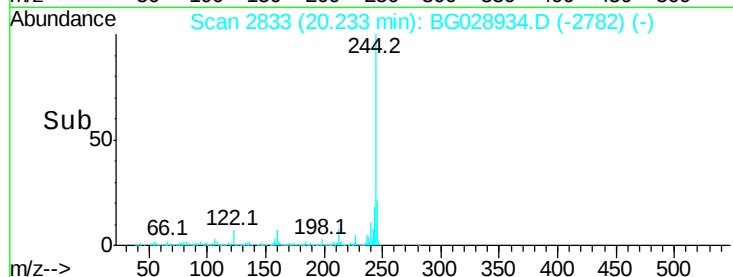
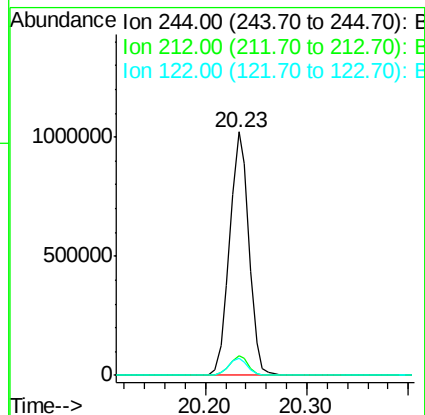
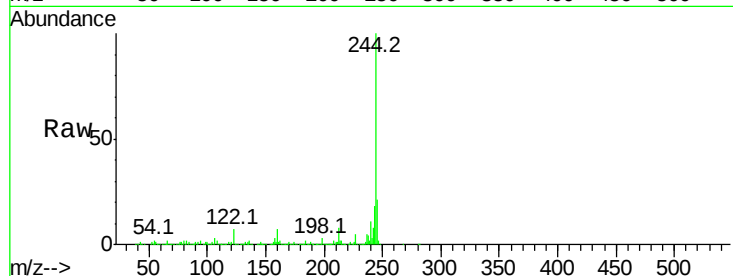
Tot Ion:244 Resp: 1357748

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

122 6.9 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.42 min Scan# 3716

Delta R.T. 0.01 min

Lab File: BG028934.D

Acq: 26 Sep 2017 8:32

Tgt Ion:264 Resp: 283784

Ion Ratio Lower Upper

264 100

260 22.8 21.8 32.8

265 20.7 18.2 27.4

