

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028935.D
 Acq On : 26 Sep 2017 9:12
 Operator : SJ/JU
 Sample : I5395-18
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6-(0-5)

Quant Time: Sep 26 12:09:19 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	22418	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	92501	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	64660	20.00	ng	0.00
63) Phenanthrene-d10	17.65	188	214222	20.00	ng	0.00
75) Chrysene-d12	21.97	240	273863	20.00	ng	0.00
86) Perylene-d12	25.42	264	268779	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	194925	143.47	ng	0.00
7) Phenol-d6	7.44	99	236764	115.74	ng	0.00
23) Nitrobenzene-d5	9.45	82	184798	95.57	ng	0.00
41) 2,4,6-Tribromophenol	16.38	330	184655	172.67	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	466515	96.21	ng	0.00
78) Terphenyl-d14	20.23	244	1288043	100.30	ng	0.00

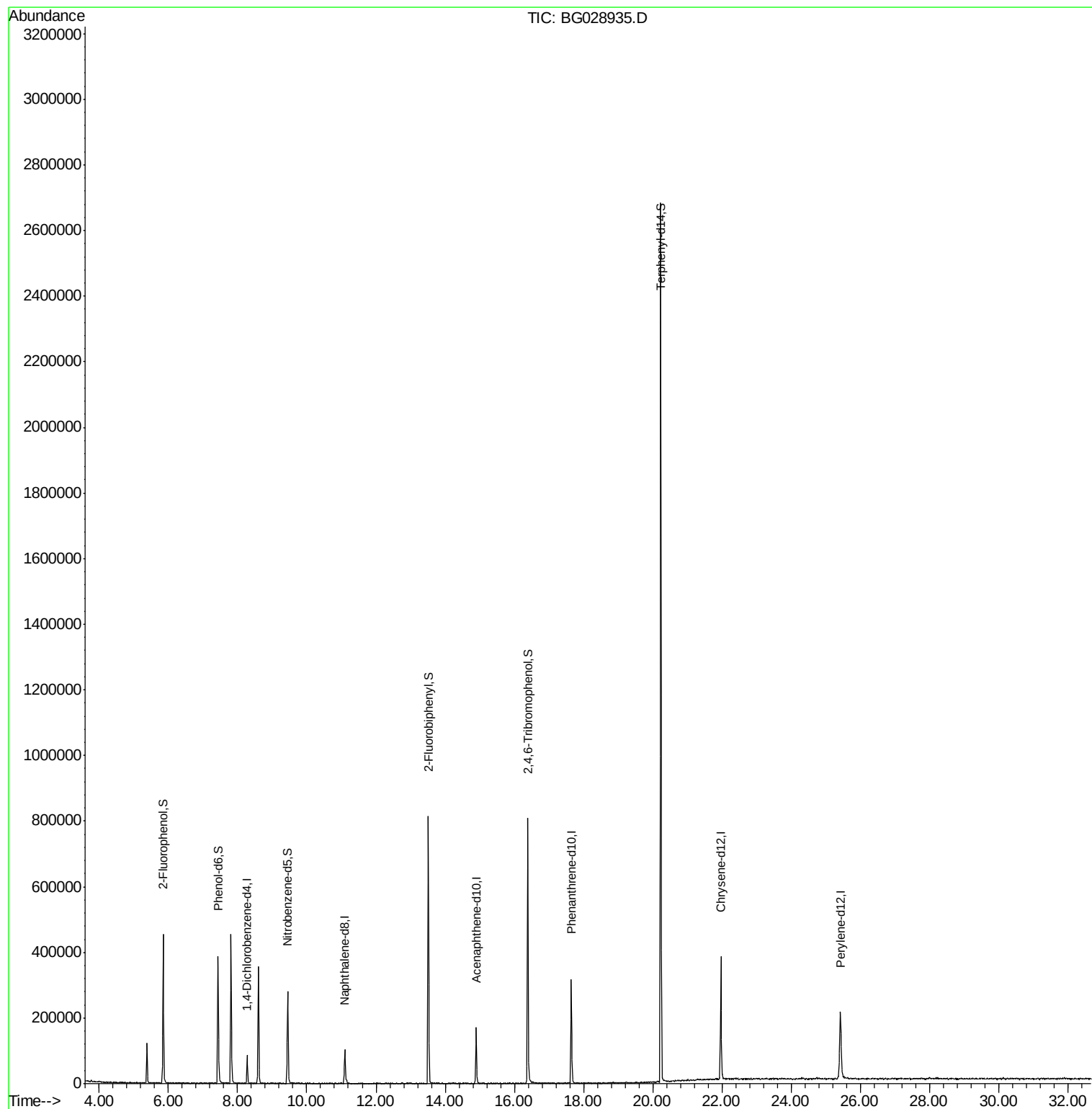
Target Compounds Qvalue

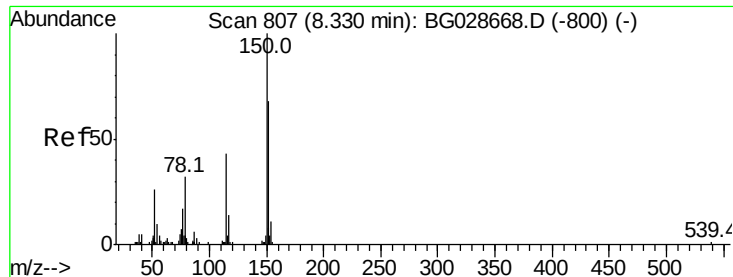
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG028935.D

Acq: 26 Sep 2017 9:12

Instrument :

BNA_G

ClientSampleId :

TP-6-(0-5)

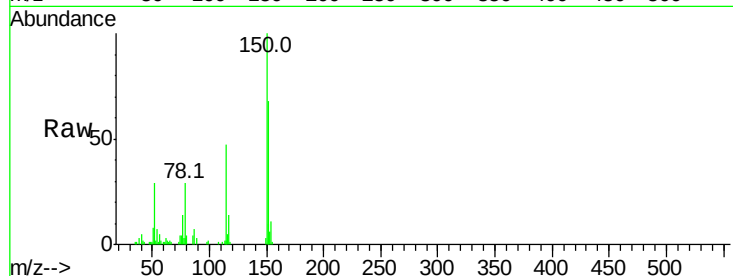
Tot Ion:152 Resp: 22418

Ion Ratio Lower Upper

152 100

150 146.0 114.0 171.0

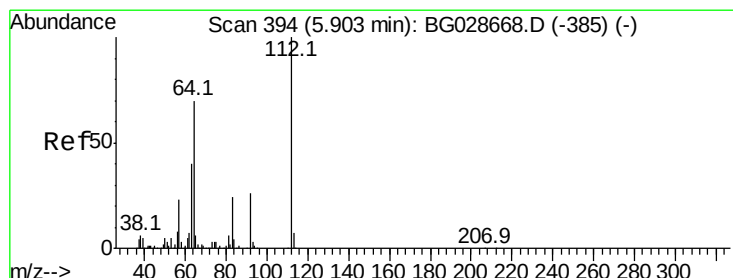
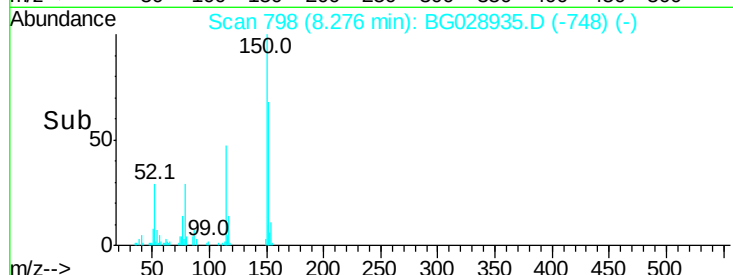
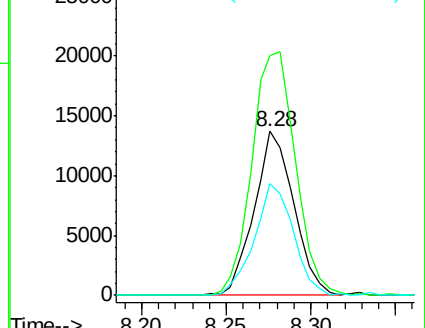
115 68.3 48.1 72.1



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: 143.472 ng

RT: 5.85 min Scan# 385

Delta R.T. 0.01 min

Lab File: BG028935.D

Acq: 26 Sep 2017 9:12

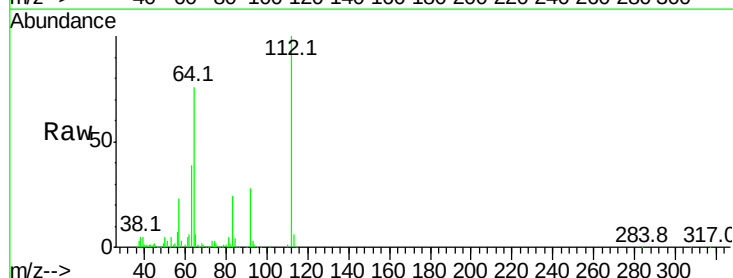
Tgt Ion:112 Resp: 194925

Ion Ratio Lower Upper

112 100

64 75.7 61.8 92.6

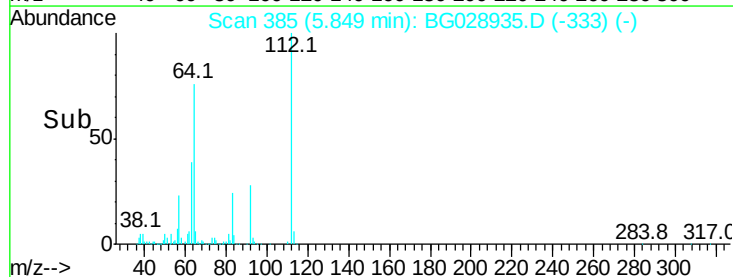
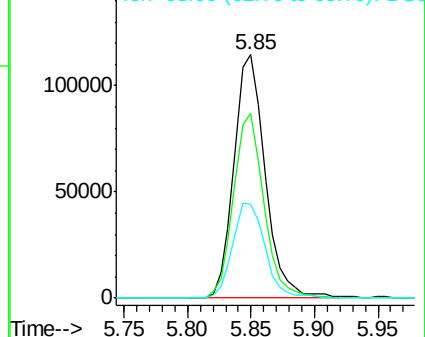
63 38.8 37.2 55.8

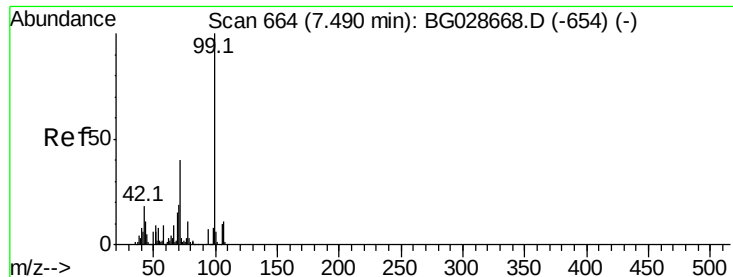


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 115.744 ng

RT: 7.44 min Scan# 655

Delta R.T. 0.00 min

Lab File: BG028935.D

Acq: 26 Sep 2017 9:12

Instrument :

BNA_G

ClientSampleId :

TP-6-(0-5)

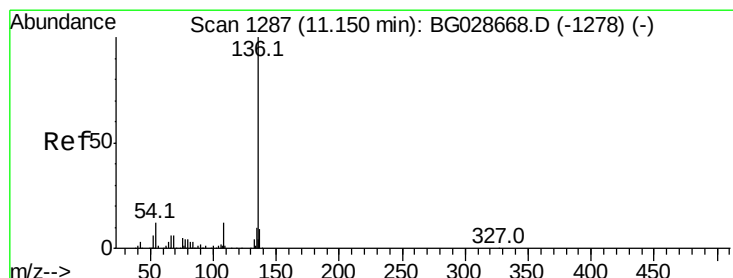
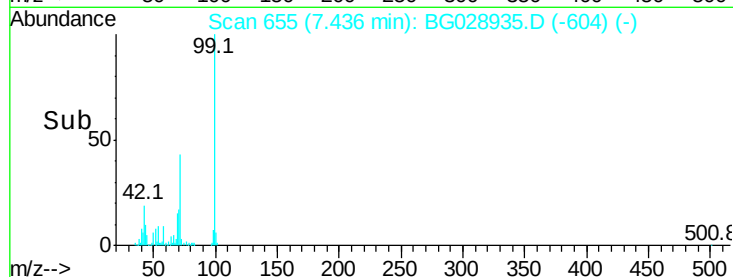
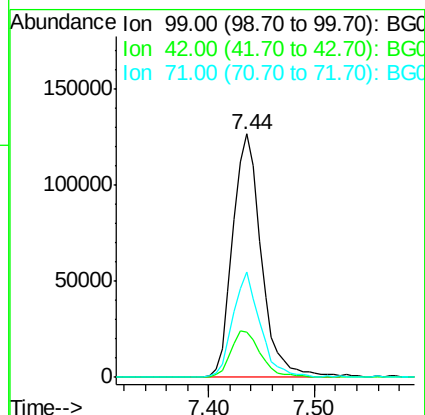
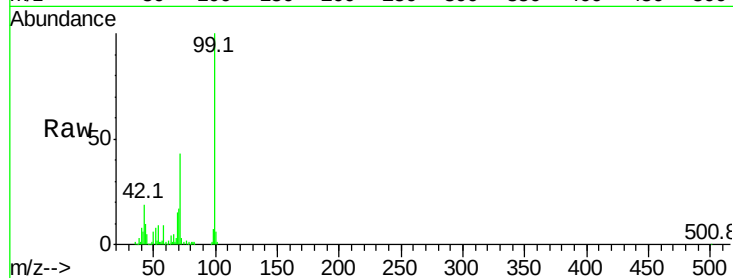
Tot Ion: 99 Resp: 236764

Ion Ratio Lower Upper

99 100

42 18.7 20.5 30.7#

71 43.1 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.10 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BG028935.D

Acq: 26 Sep 2017 9:12

Tgt Ion: 136 Resp: 92501

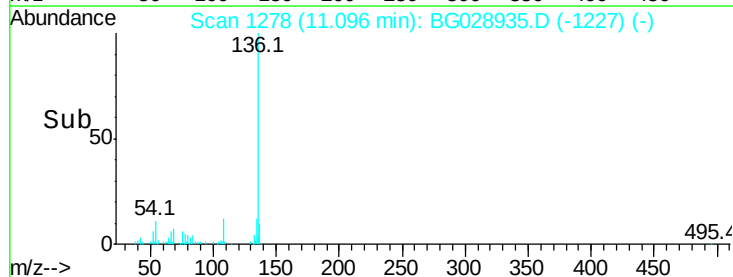
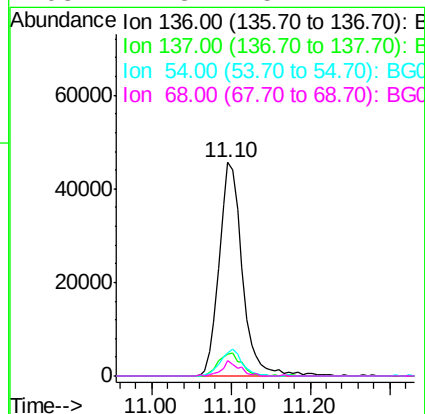
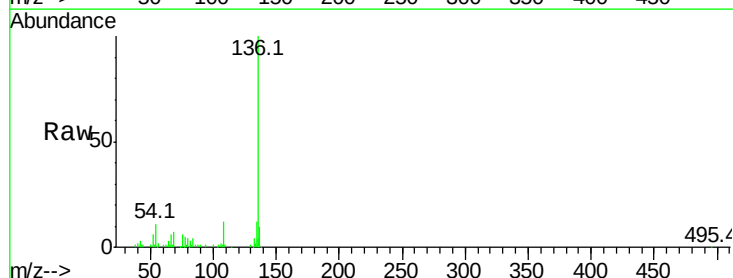
Ion Ratio Lower Upper

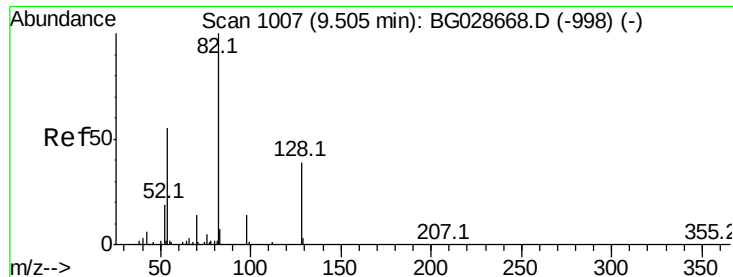
136 100

137 10.0 8.9 13.3

54 11.1 9.3 13.9

68 7.3 5.1 7.7

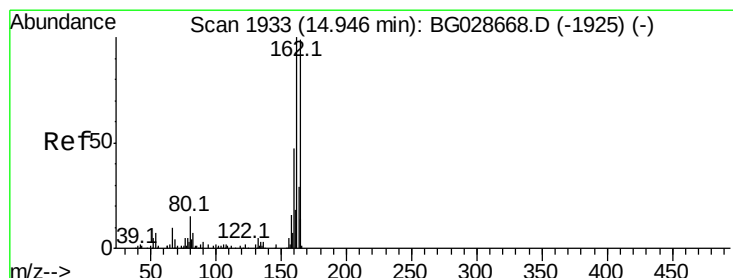
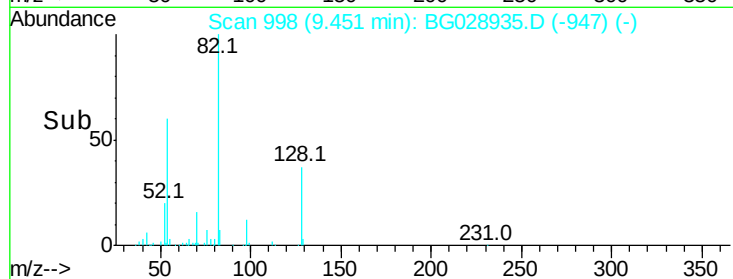
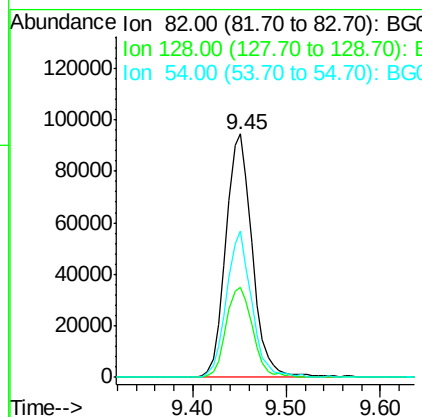
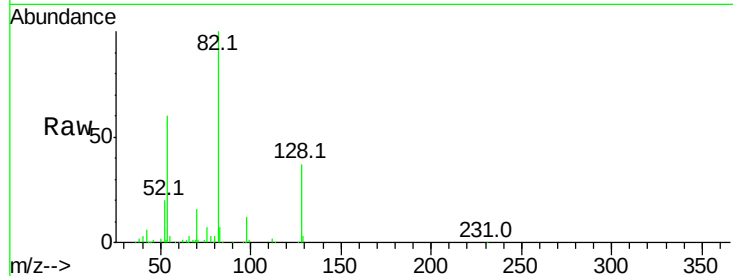




#23
 Nitrobenzene-d5
 Concen: 95.569 ng
 RT: 9.45 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BG028935.D
 Acq: 26 Sep 2017 9:12

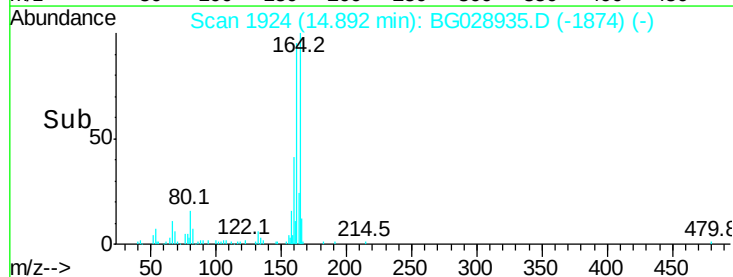
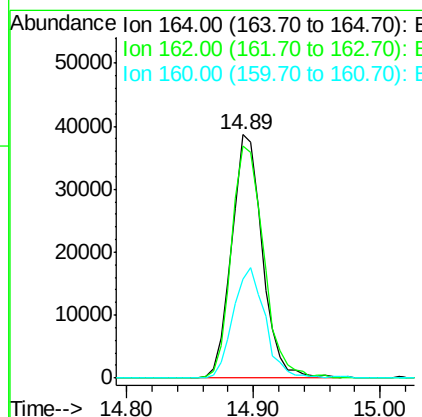
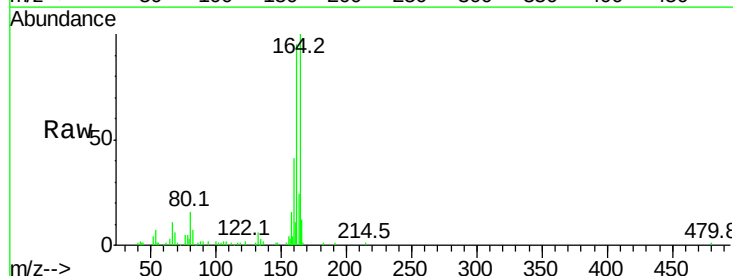
Instrument :
 BNA_G
 ClientSampleId :
 TP-6-(0-5)

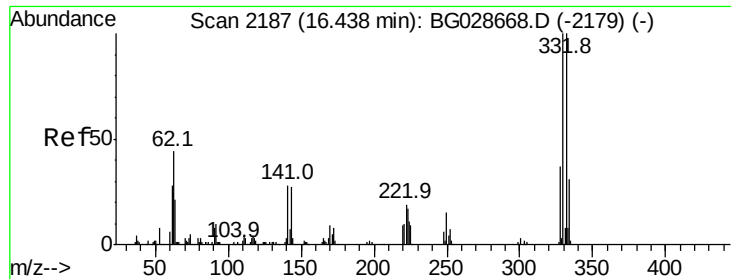
Tot Ion	82	Resp	184798
Ion Ratio	Lower	Upper	
82	100		
128	36.9	26.4	39.6
54	60.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.89 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BG028935.D
 Acq: 26 Sep 2017 9:12

Tgt Ion	164	Resp	64660
Ion Ratio	Lower	Upper	
164	100		
162	95.3	85.1	127.7
160	40.6	34.7	52.1

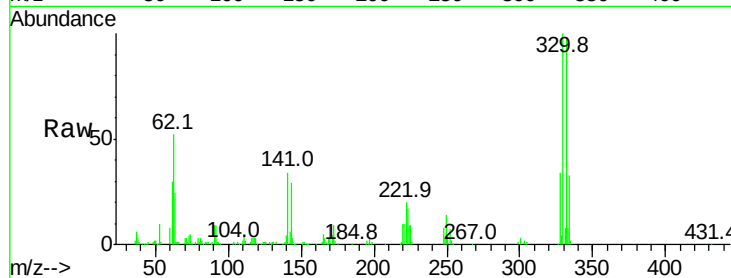




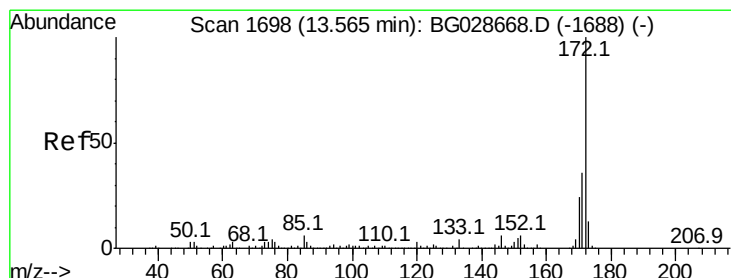
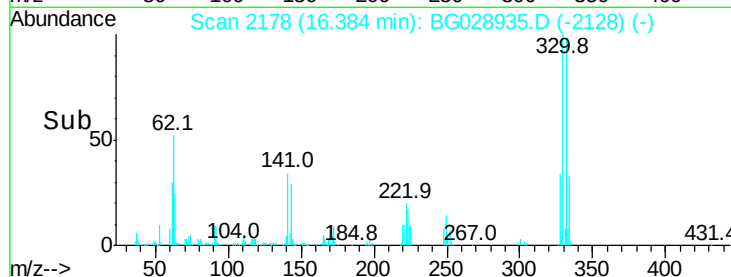
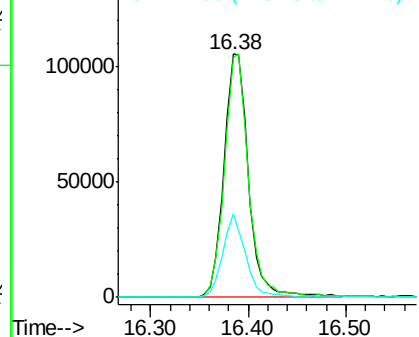
#41
2,4,6-Tribromophenol
Concen: 172.666 ng
RT: 16.38 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BG028935.D
Acq: 26 Sep 2017 9:12

Instrument :
BNA_G
ClientSampleId :
TP-6-(0-5)

Tot Ion:330 Resp: 184655
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 31.5 32.1 48.1#

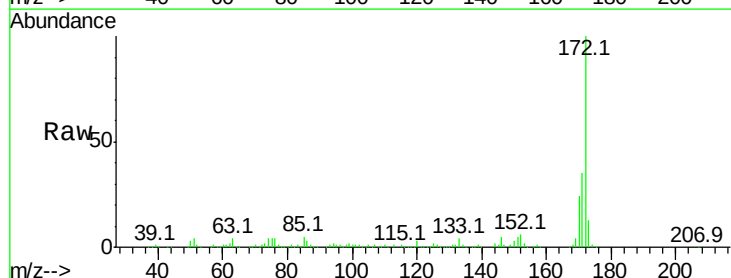


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

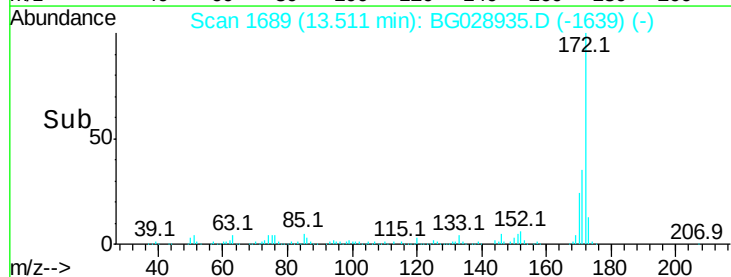
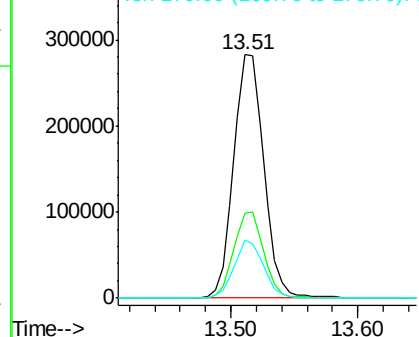


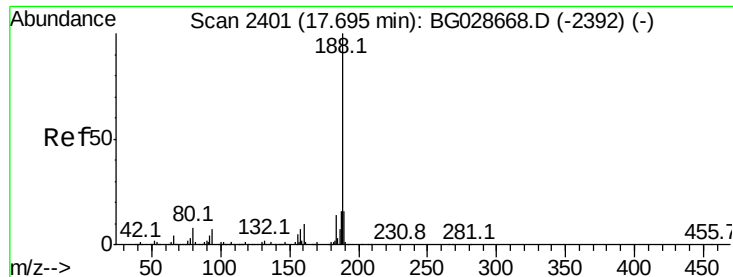
#44
2-Fluorobiphenyl
Concen: 96.205 ng
RT: 13.51 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BG028935.D
Acq: 26 Sep 2017 9:12

Tgt Ion:172 Resp: 466515
Ion Ratio Lower Upper
172 100
171 35.0 32.2 48.2
170 23.7 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: BG028935.D

Acq: 26 Sep 2017 9:12

Instrument :

BNA_G

ClientSampleId :

TP-6-(0-5)

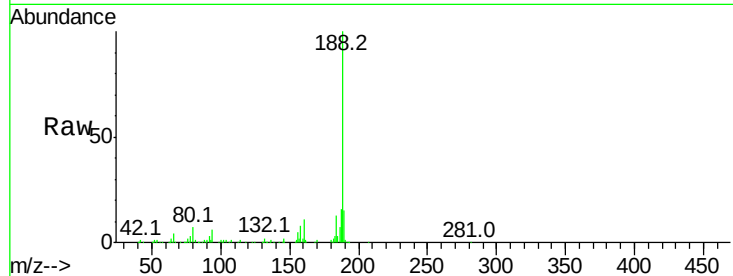
Tot Ion:188 Resp: 214222

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

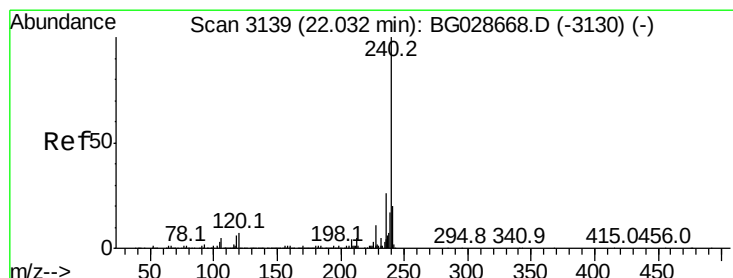
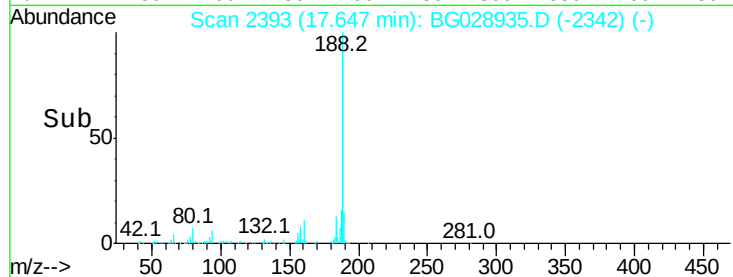
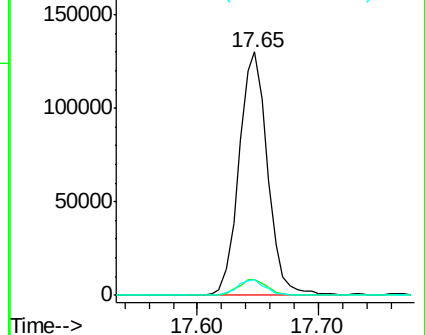
80 6.7 7.5 11.3#



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: 21.97 min Scan# 3128

Delta R.T. 0.00 min

Lab File: BG028935.D

Acq: 26 Sep 2017 9:12

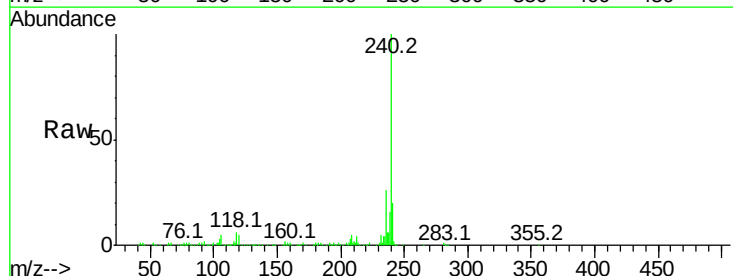
Tgt Ion:240 Resp: 273863

Ion Ratio Lower Upper

240 100

120 4.9 5.7 8.5#

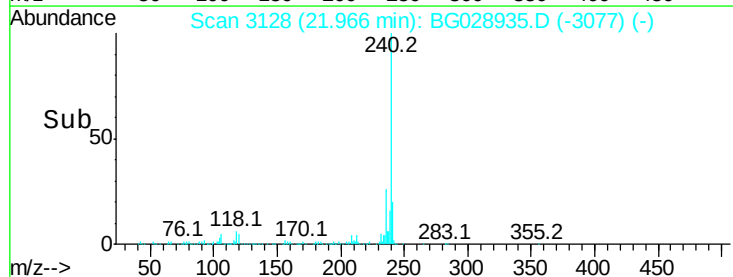
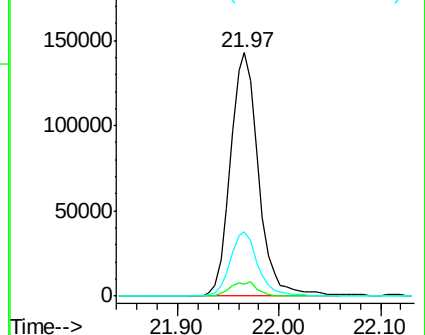
236 26.5 22.2 33.4

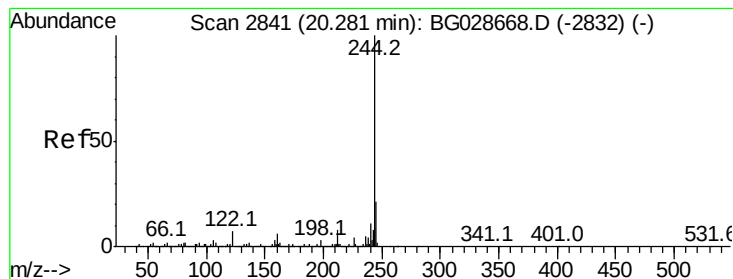


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.300 ng

RT: 20.23 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BG028935.D

Acq: 26 Sep 2017 9:12

Instrument :

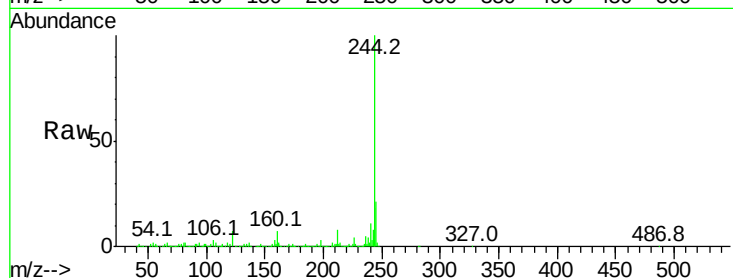
BNA_G

ClientSampleId :

TP-6-(0-5)

Tot Ion:244 Resp: 1288043

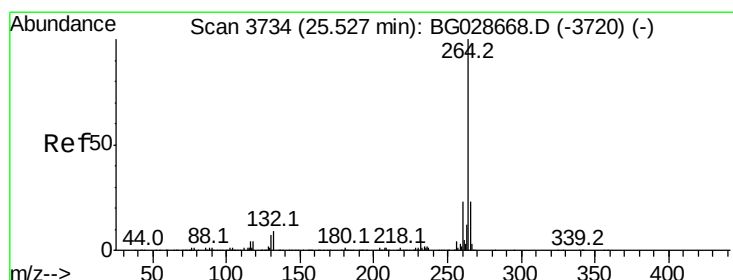
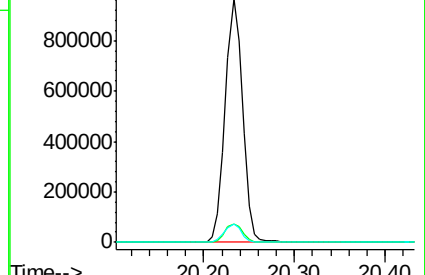
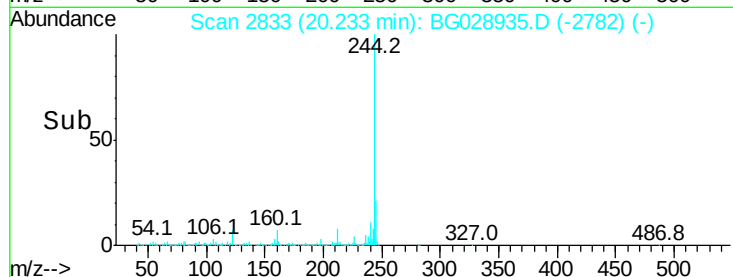
Ion	Ratio	Lower	Upper
244	100		
212	7.6	10.0	15.0#
122	7.3	8.6	12.8#



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

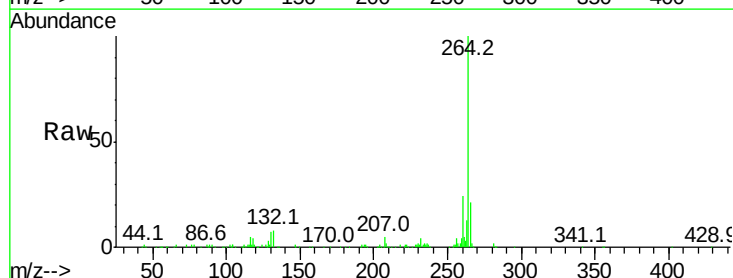
Delta R.T. 0.01 min

Lab File: BG028935.D

Acq: 26 Sep 2017 9:12

Tgt Ion:264 Resp: 268779

Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.8	32.8
265	21.1	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

