

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
 Data File : BG028906.D
 Acq On : 23 Sep 2017 20:17
 Operator : SJ/JU
 Sample : I5297-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 25 01:01:17 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	30334	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	119195	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	85722	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	273813	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	333043	20.00	ng	-0.06
86) Perylene-d12	25.43	264	331039	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	74074	40.29	ng	-0.05
7) Phenol-d6	7.44	99	59309	21.43	ng	-0.05
23) Nitrobenzene-d5	9.45	82	219589	88.13	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	144945	102.23	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	580127	90.24	ng	-0.05
78) Terphenyl-d14	20.24	244	1236219	79.16	ng	-0.04

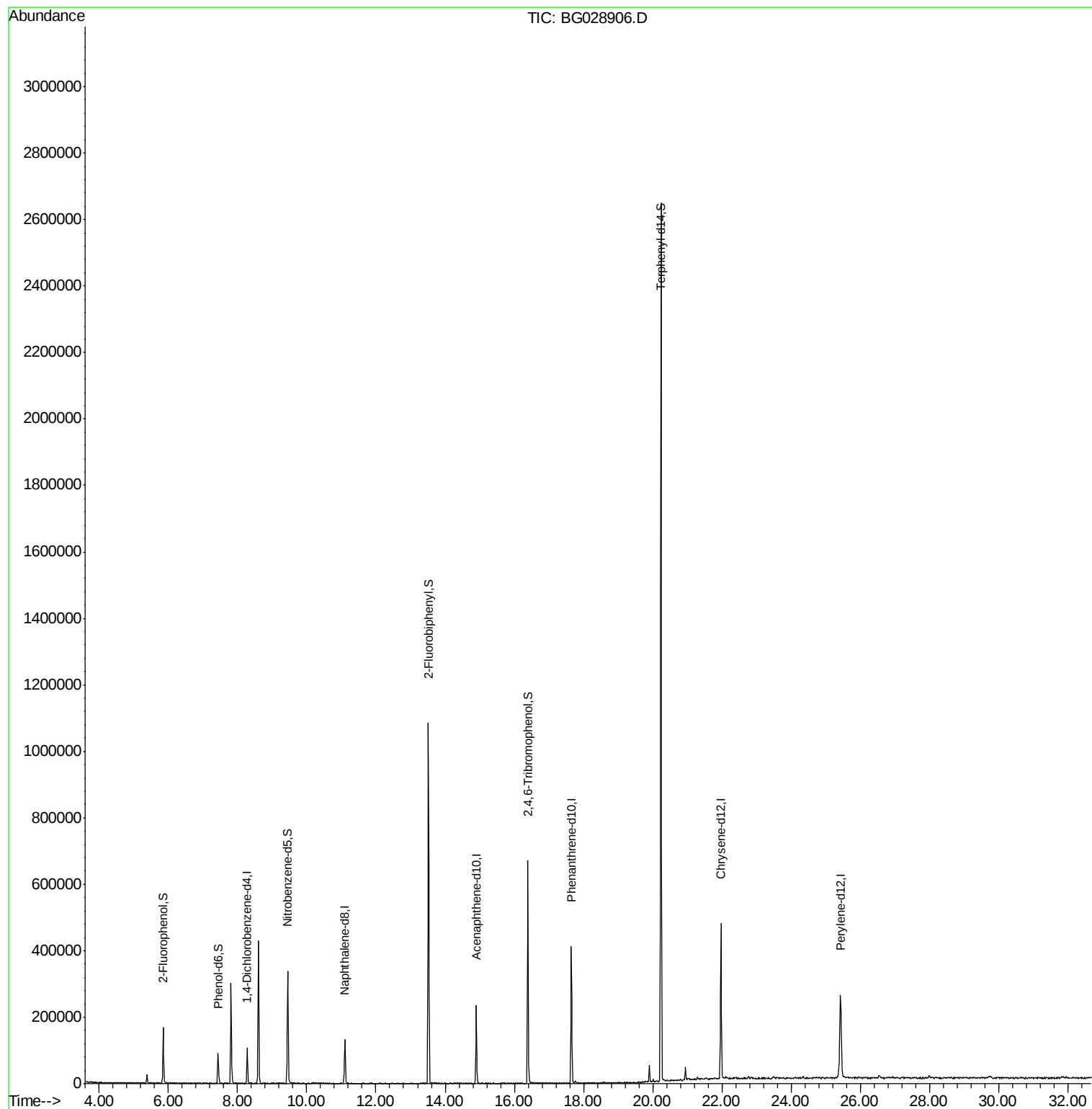
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.28 min Scan# 799

Delta R.T. -0.05 min

Lab File: BG028906.D

Acq: 23 Sep 2017 20:17

Instrument :

BNA_G

ClientSampleId :

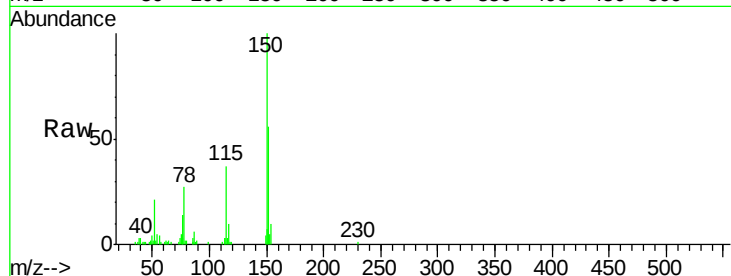
Tot Ion:152 Resp: 30334

Ion Ratio Lower Upper

152 100

150 180.2 114.0 171.0#

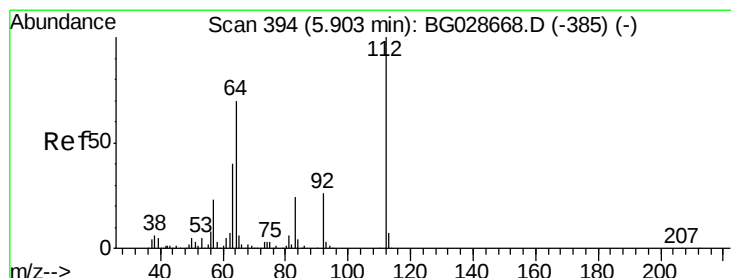
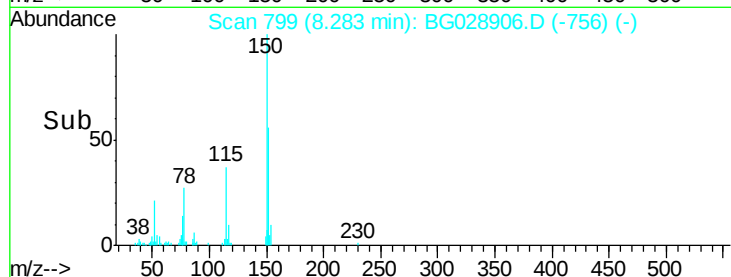
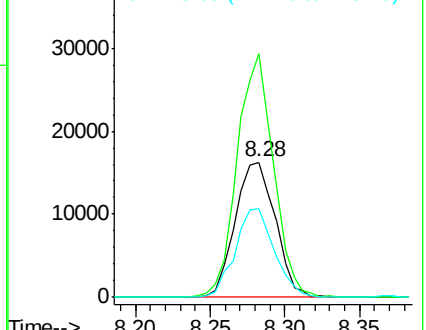
115 65.8 48.1 72.1



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: 40.29 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028906.D

Acq: 23 Sep 2017 20:17

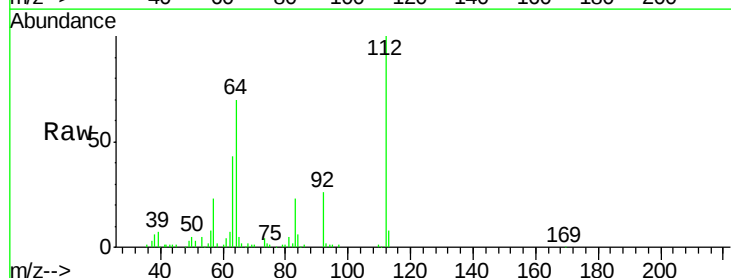
Tgt Ion:112 Resp: 74074

Ion Ratio Lower Upper

112 100

64 70.1 61.8 92.6

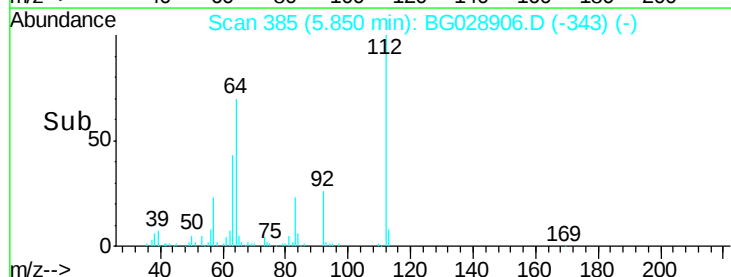
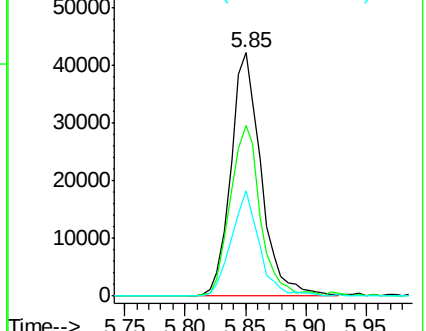
63 43.1 37.2 55.8

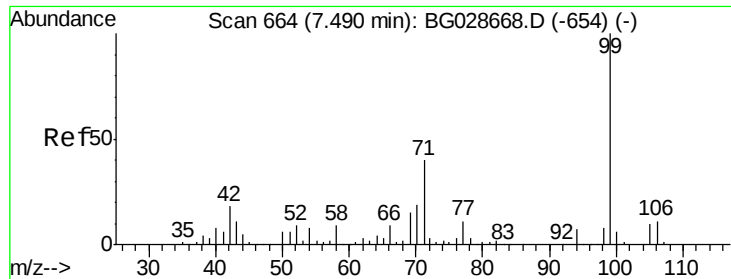


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 21.43 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028906.D

Acq: 23 Sep 2017 20:17

Instrument :

BNA_G

ClientSampleId :

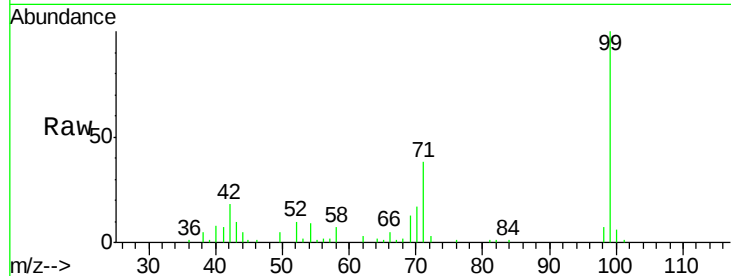
Tot Ion: 99 Resp: 59309

Ion Ratio Lower Upper

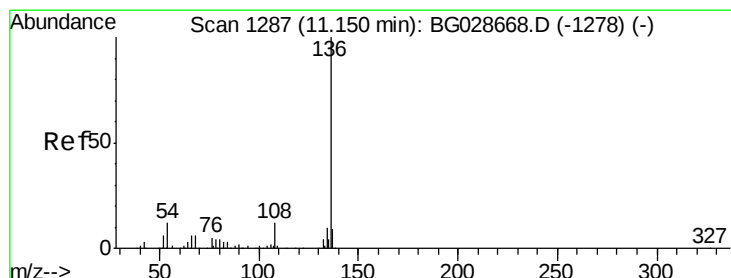
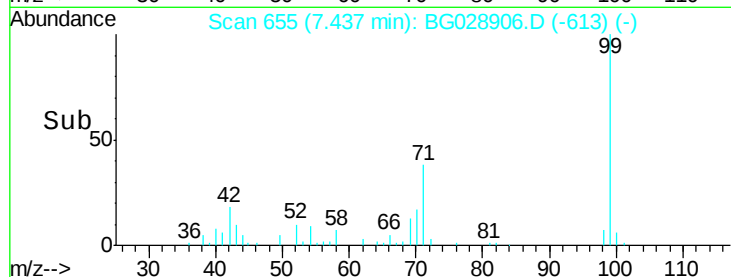
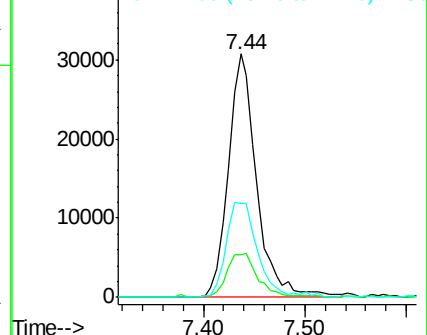
99 100

42 17.7 20.5 30.7#

71 38.5 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: 20.00 ng

RT: 11.10 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BG028906.D

Acq: 23 Sep 2017 20:17

Tgt Ion: 136 Resp: 119195

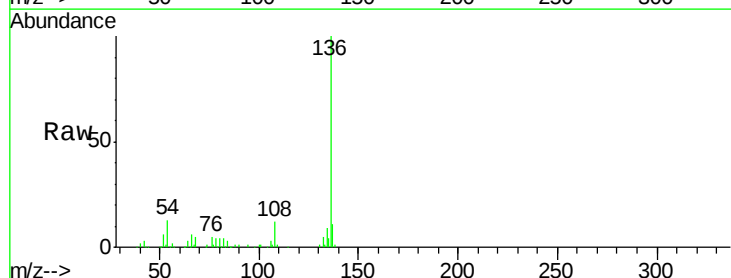
Ion Ratio Lower Upper

136 100

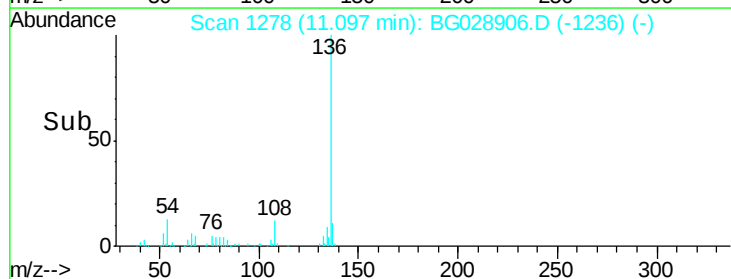
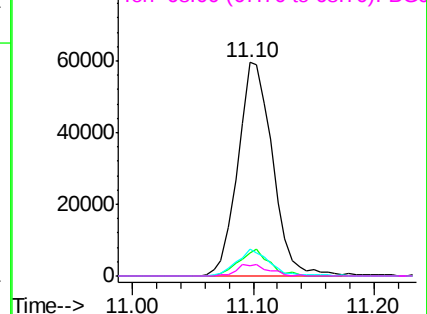
137 10.7 8.9 13.3

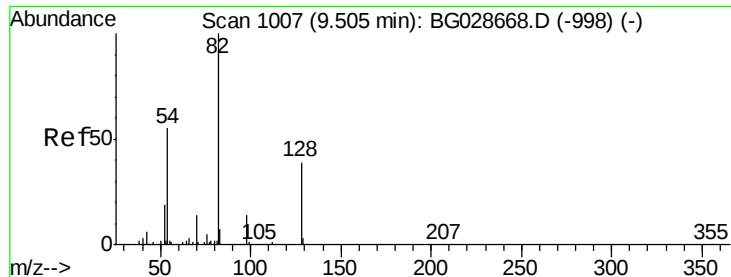
54 12.6 9.3 13.9

68 4.8 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

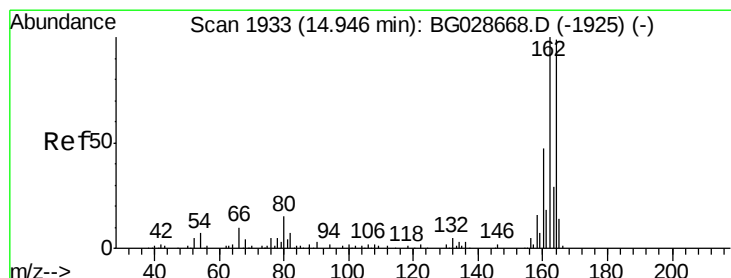
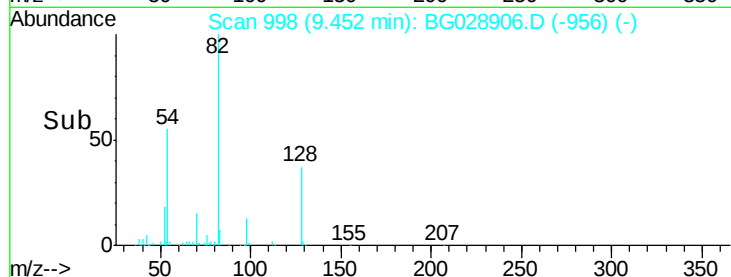
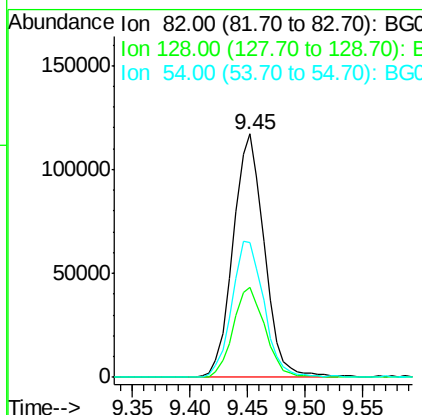
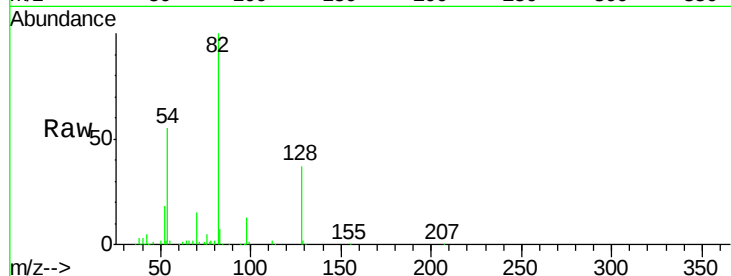




#23
 Nitrobenzene-d5
 Concen: 88.13 ng
 RT: 9.45 min Scan# 998
 Delta R.T. -0.05 min
 Lab File: BG028906.D
 Acq: 23 Sep 2017 20:17

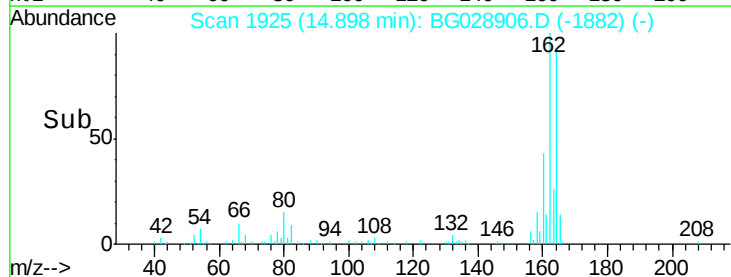
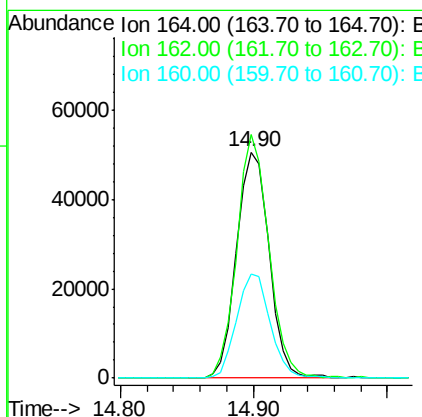
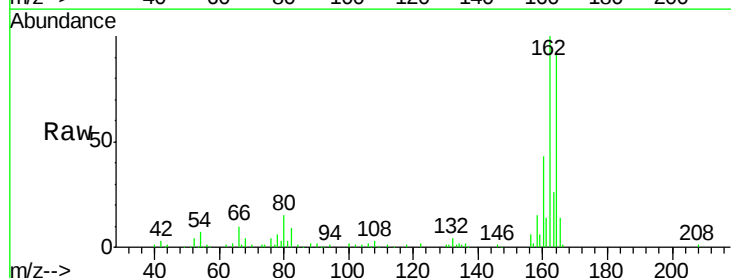
Instrument :
 BNA_G
 ClientSampleId :

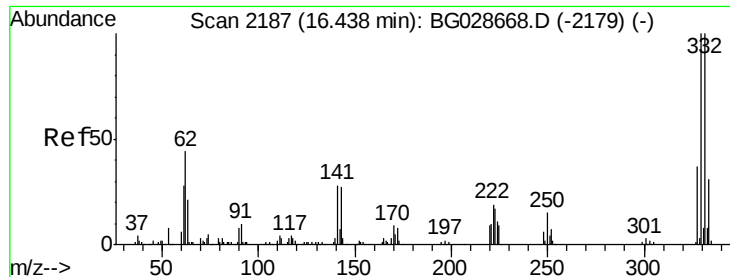
Tot Ion	82	Resp	219589
Ion Ratio	Lower	Upper	
82	100		
128	37.0	26.4	39.6
54	55.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.90 min Scan# 1925
 Delta R.T. -0.05 min
 Lab File: BG028906.D
 Acq: 23 Sep 2017 20:17

Tgt Ion	164	Resp	85722
Ion Ratio	Lower	Upper	
164	100		
162	107.6	85.1	127.7
160	46.0	34.7	52.1

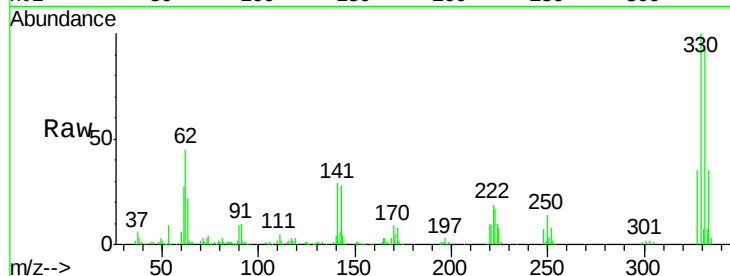




#41
 2,4,6-Tribromophenol
 Concen: 102.23 ng
 RT: 16.39 min Scan# 2179
 Delta R.T. -0.05 min
 Lab File: BG028906.D
 Acq: 23 Sep 2017 20:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	31.4	32.1	48.1#

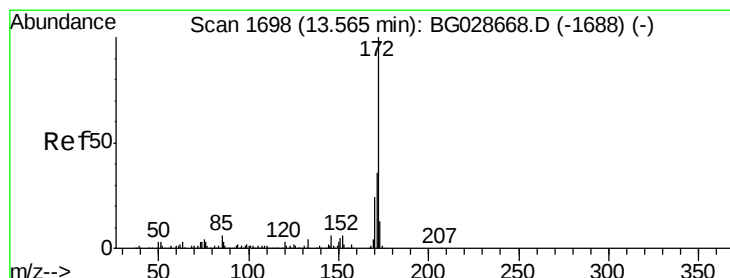
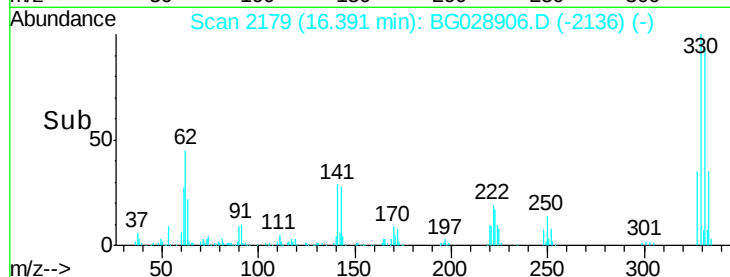
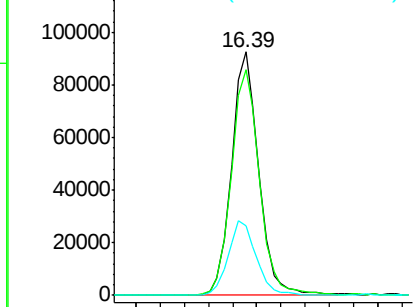


Abundance

Ion 329.80 (329.50 to 330.50): E

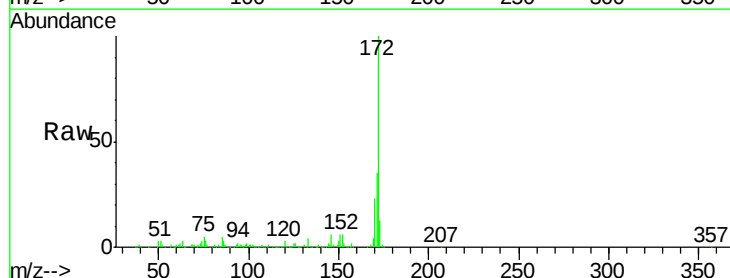
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.24 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028906.D
 Acq: 23 Sep 2017 20:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	32.2	48.2
170	22.9	21.8	32.6

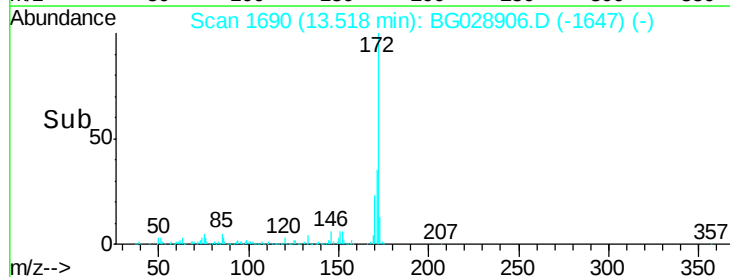
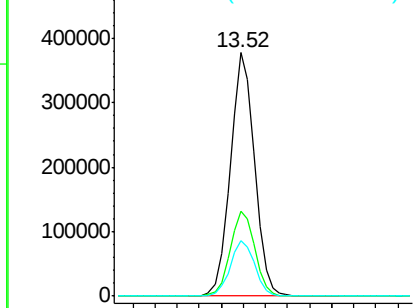


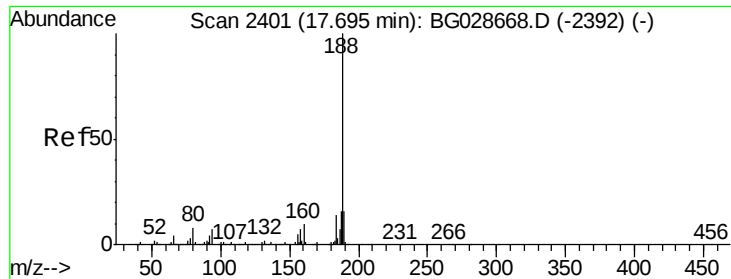
Abundance

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

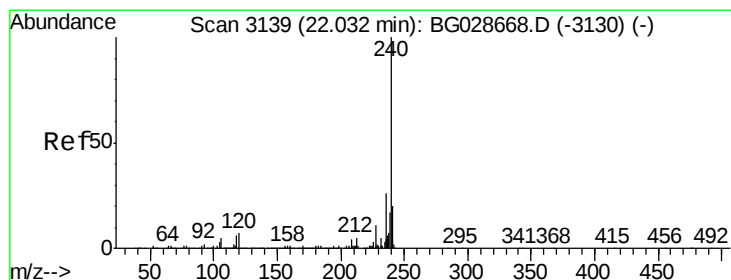
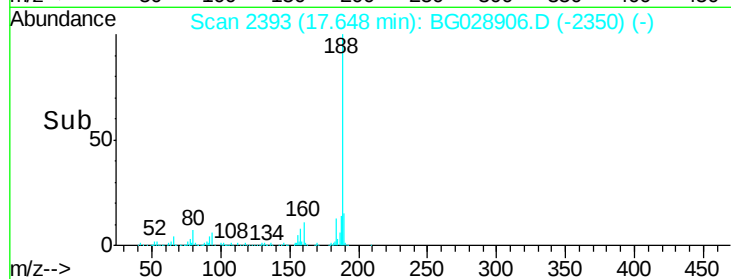
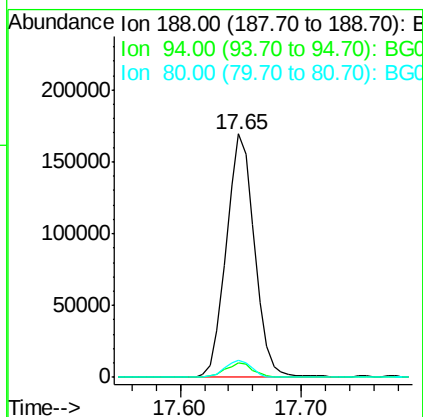
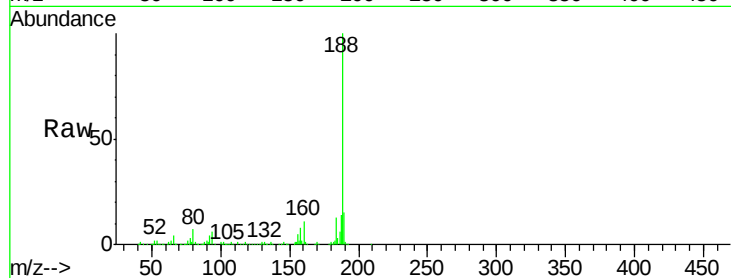




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.65 min Scan# 2393
Delta R.T. -0.05 min
Lab File: BG028906.D
Acq: 23 Sep 2017 20:17

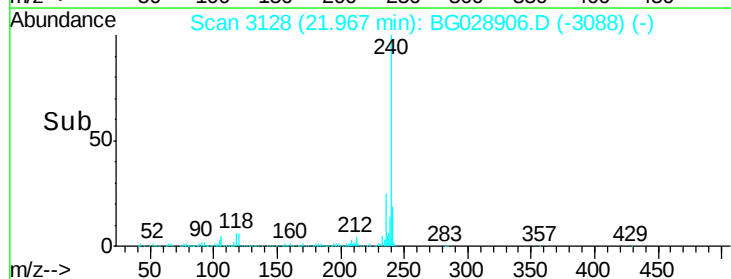
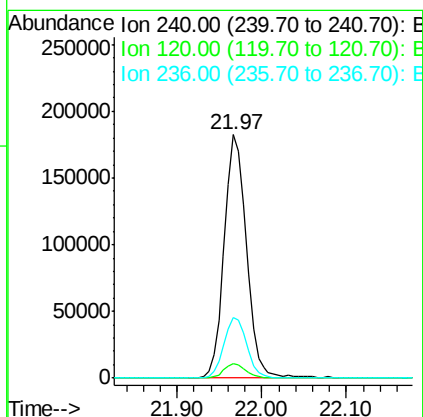
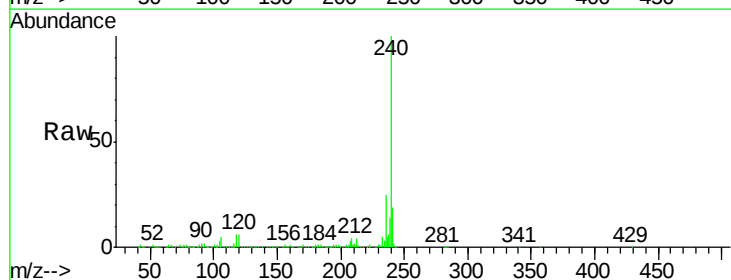
Instrument :
BNA_G
ClientSampleId :

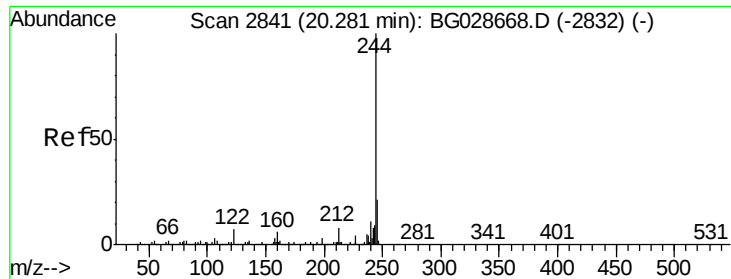
Tot Ion:188 Resp: 273813
Ion Ratio Lower Upper
188 100
94 5.8 5.8 8.8#
80 7.1 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.97 min Scan# 3128
Delta R.T. -0.06 min
Lab File: BG028906.D
Acq: 23 Sep 2017 20:17

Tgt Ion:240 Resp: 333043
Ion Ratio Lower Upper
240 100
120 5.7 5.7 8.5
236 24.8 22.2 33.4





#78

Terphenyl-d14

Concen: 79.16 ng

RT: 20.24 min Scan# 2834

Delta R.T. -0.04 min

Lab File: BG028906.D

Acq: 23 Sep 2017 20:17

Instrument :

BNA_G

ClientSampleId :

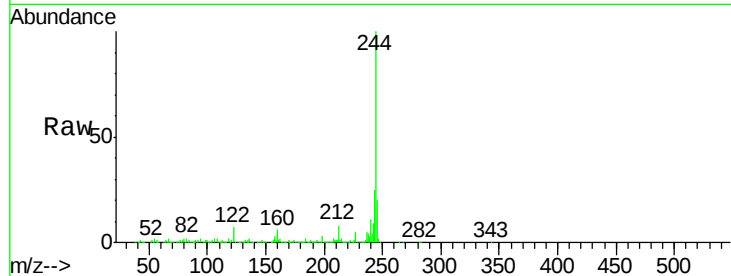
Tot Ion:244 Resp: 1236219

Ion Ratio Lower Upper

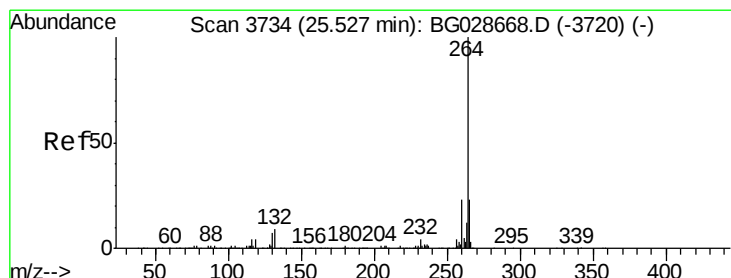
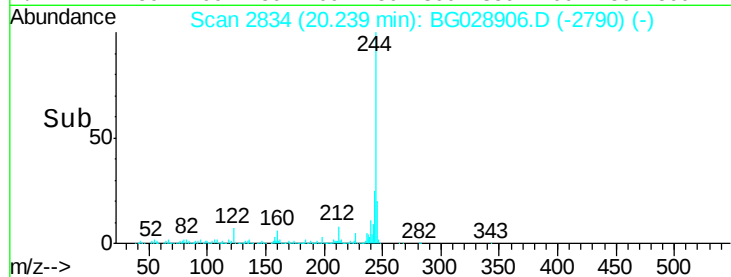
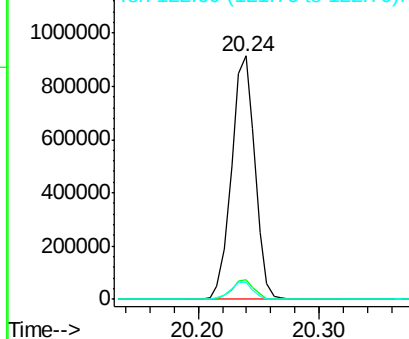
244 100

212 7.9 10.0 15.0#

122 7.2 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: 20.00 ng

RT: 25.43 min Scan# 3717

Delta R.T. -0.10 min

Lab File: BG028906.D

Acq: 23 Sep 2017 20:17

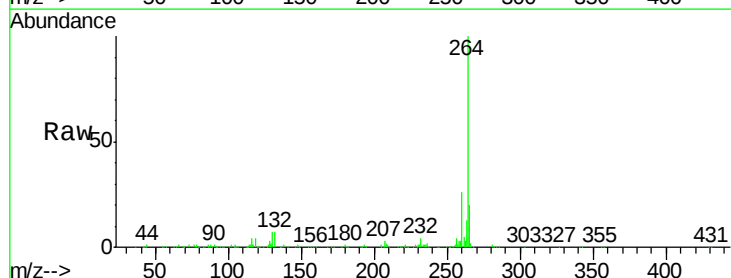
Tgt Ion:264 Resp: 331039

Ion Ratio Lower Upper

264 100

260 25.7 21.8 32.8

265 20.3 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

