

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
 Data File : BG028892.D
 Acq On : 23 Sep 2017 11:00
 Operator : SJ/JU
 Sample : I5321-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170610-COMP-A

Quant Time: Sep 25 01:39:42 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	24933	20.00	ng	-0.05
21) Naphthalene-d8	11.09	136	102377	20.00	ng	-0.06
38) Acenaphthene-d10	14.89	164	79321	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	259689	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	297660	20.00	ng	-0.07
86) Perylene-d12	25.41	264	307673	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	121461	80.38	ng	-0.06
7) Phenol-d6	7.43	99	125827	55.31	ng	-0.06
23) Nitrobenzene-d5	9.45	82	204986	95.78	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	246465	187.87	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	562929	94.63	ng	-0.05
78) Terphenyl-d14	20.23	244	1348170	96.59	ng	-0.05

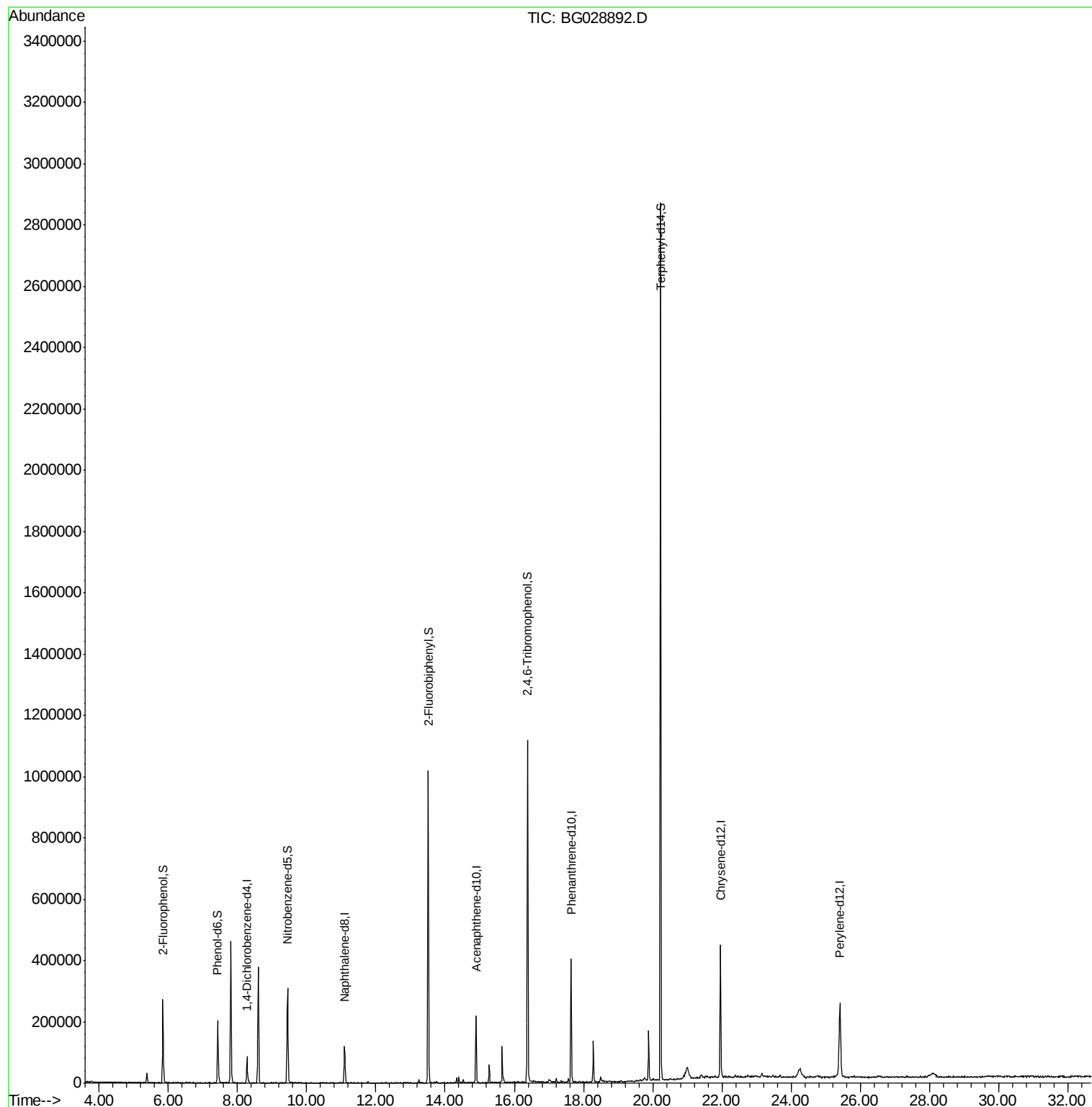
Target Compounds Qvalue

(#) = 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. -0.05 min

Lab File: BG028892.D

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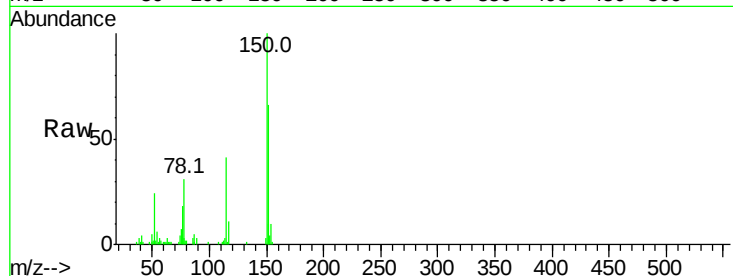
Tot Ion:152 Resp: 24933

Ion Ratio Lower Upper

152 100

150 151.7 114.0 171.0

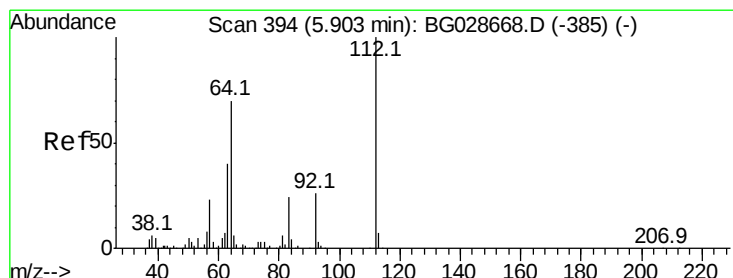
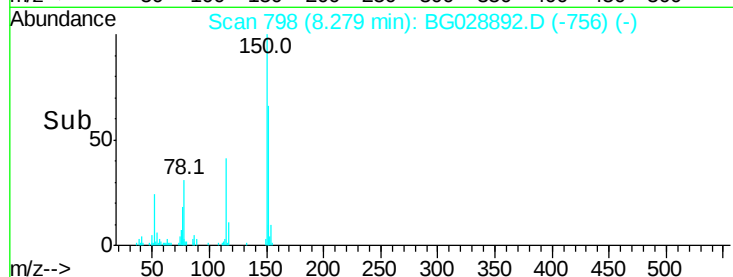
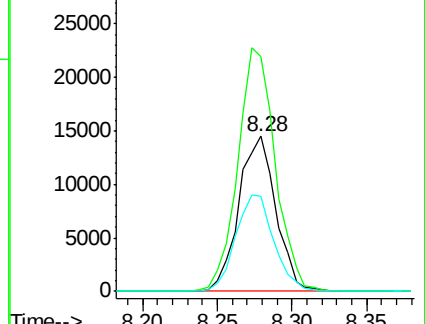
115 61.8 48.1 72.1



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: 80.382 ng

RT: 5.85 min Scan# 384

Delta R.T. -0.06 min

Lab File: BG028892.D

Acq: 23 Sep 2017 11:00

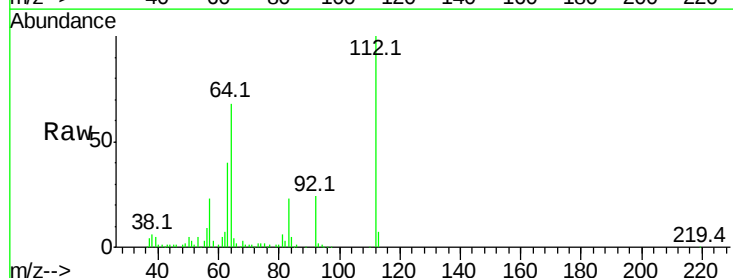
Tgt Ion:112 Resp: 121461

Ion Ratio Lower Upper

112 100

64 67.6 61.8 92.6

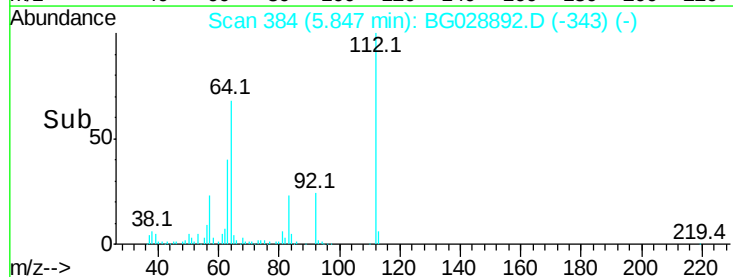
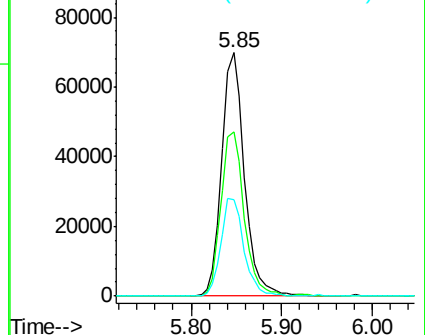
63 39.5 37.2 55.8



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: 55.307 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028892.D

Acq: 23 Sep 2017 11:00

Instrument :

BNA_G

ClientSampleId :

20170610-COMP-A

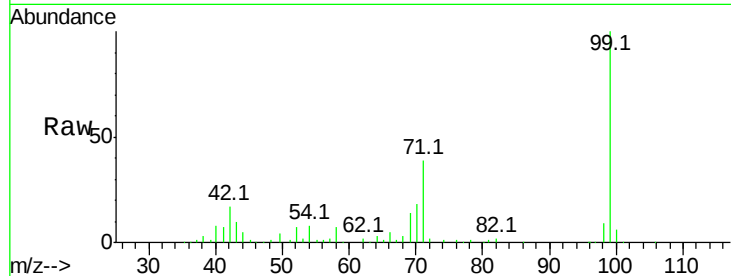
Tot Ion: 99 Resp: 125827

Ion Ratio Lower Upper

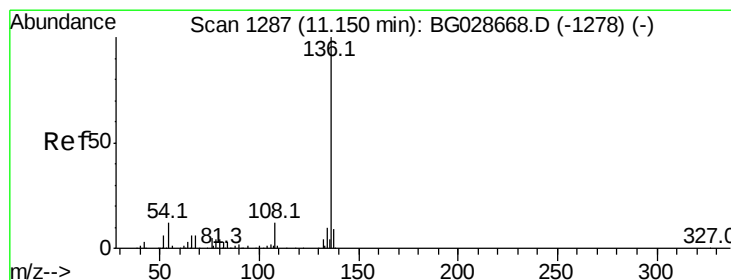
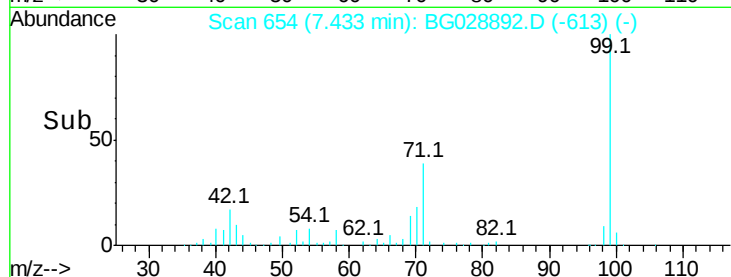
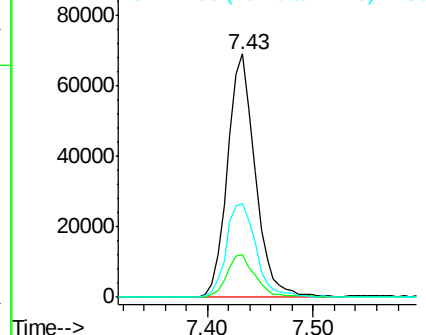
99 100

42 17.5 20.5 30.7#

71 38.8 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: 11.09 min Scan# 1277

Delta R.T. -0.06 min

Lab File: BG028892.D

Acq: 23 Sep 2017 11:00

Tgt Ion: 136 Resp: 102377

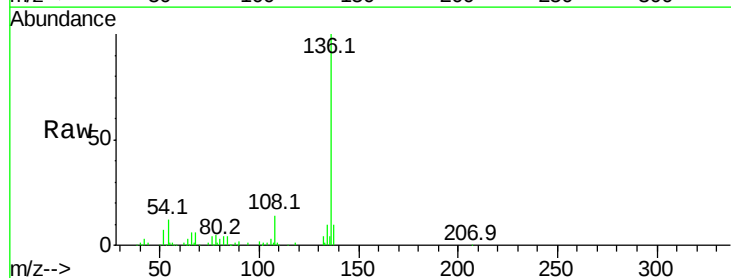
Ion Ratio Lower Upper

136 100

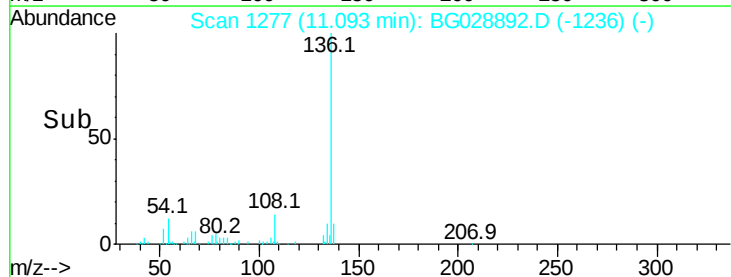
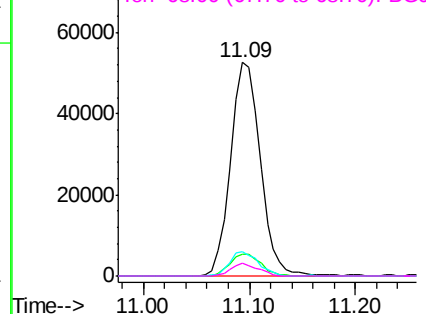
137 10.5 8.9 13.3

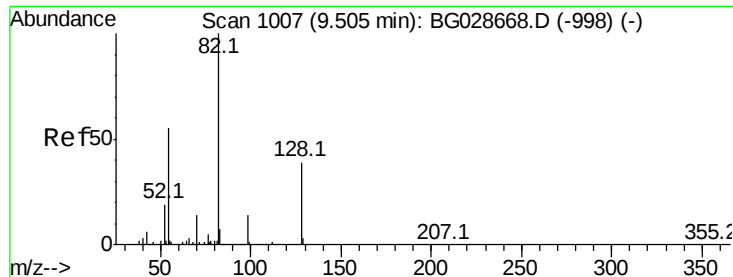
54 11.7 9.3 13.9

68 6.0 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

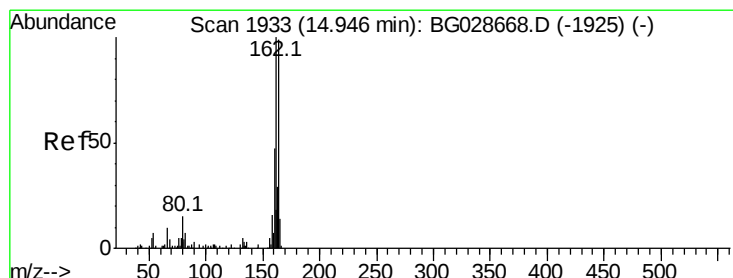
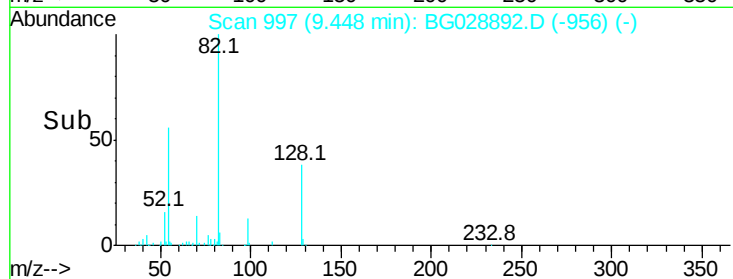
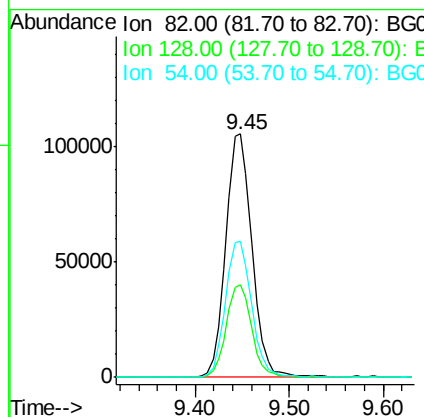
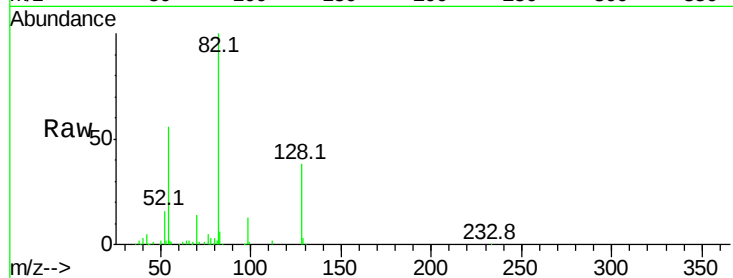




#23
 Nitrobenzene-d5
 Concen: 95.783 ng
 RT: 9.45 min Scan# 997
 Delta R.T. -0.06 min
 Lab File: BG028892.D
 Acq: 23 Sep 2017 11:00

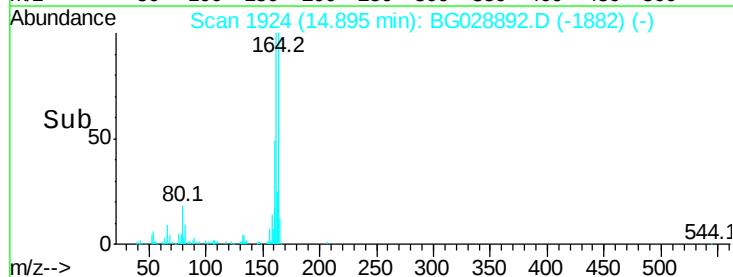
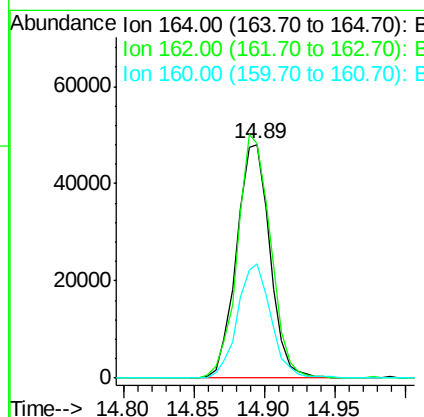
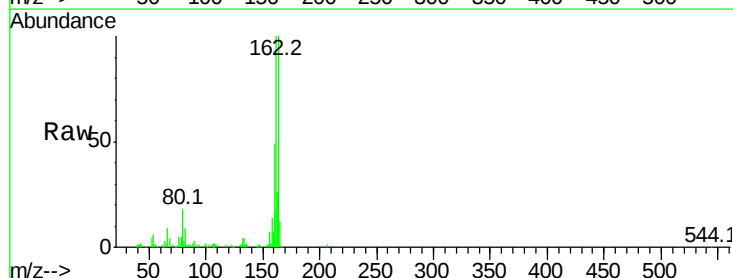
Instrument :
 BNA_G
 ClientSampleId :
 20170610-COMP-A

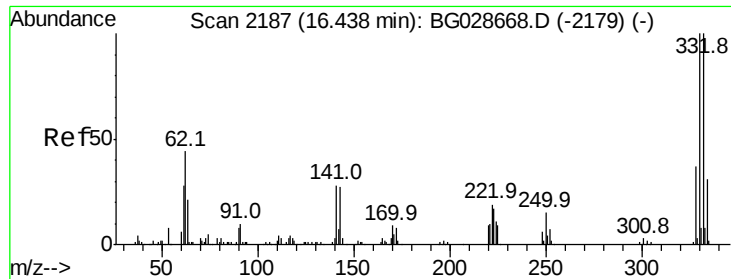
Tot Ion	82	Resp	204986
Ion Ratio	Lower	Upper	
82	100		
128	38.1	26.4	39.6
54	56.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.89 min Scan# 1924
 Delta R.T. -0.05 min
 Lab File: BG028892.D
 Acq: 23 Sep 2017 11:00

Tgt Ion	164	Resp	79321
Ion Ratio	Lower	Upper	
164	100		
162	100.3	85.1	127.7
160	48.9	34.7	52.1

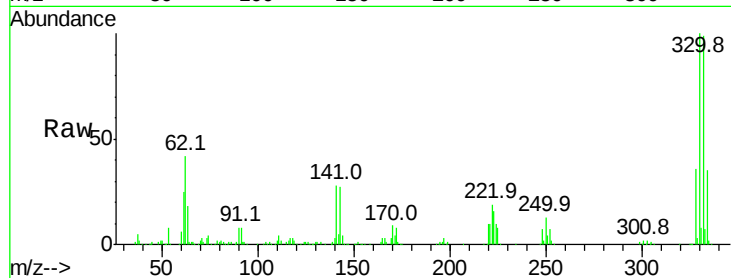




#41
 2,4,6-Tribromophenol
 Concen: 187.866 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028892.D
 Acq: 23 Sep 2017 11:00

Instrument :
 BNA_G
 ClientSampleId :
 20170610-COMP-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.3	115.9
141	29.9	32.1	48.1#

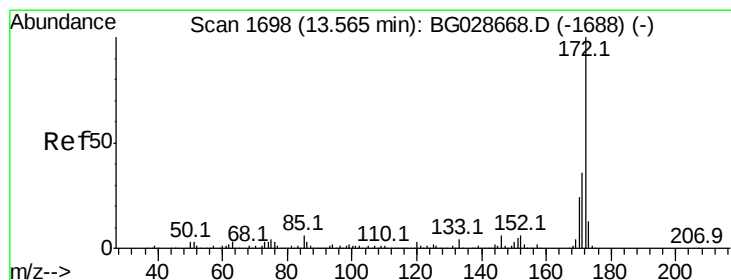
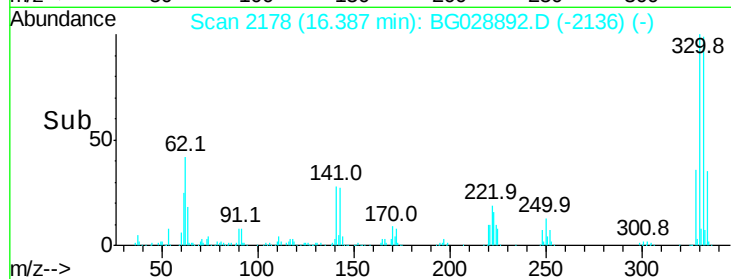
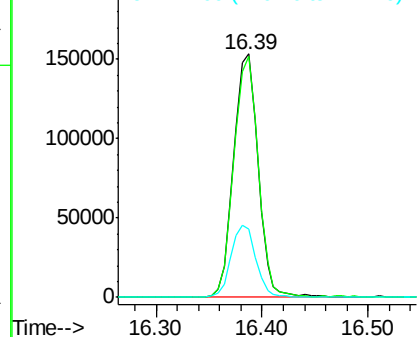


Abundance

Ion 329.80 (329.50 to 330.50): E

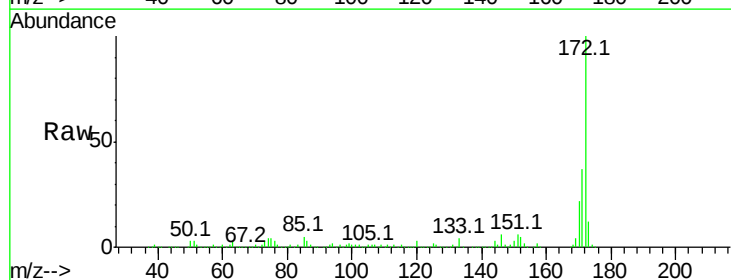
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.631 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028892.D
 Acq: 23 Sep 2017 11:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.2	48.2
170	22.3	21.8	32.6

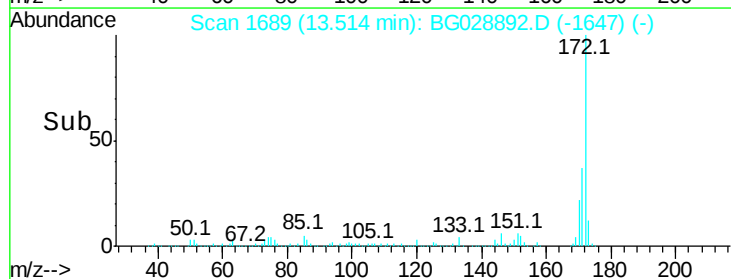
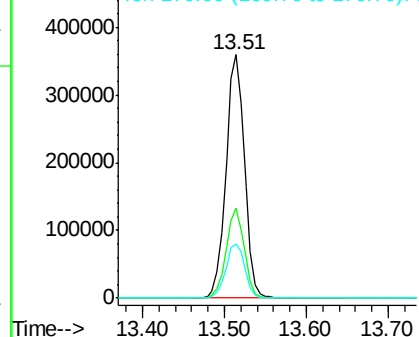


Abundance

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

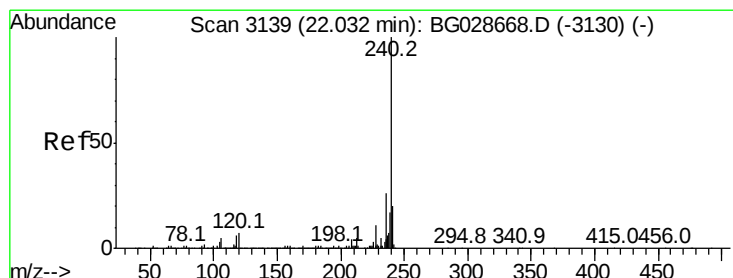
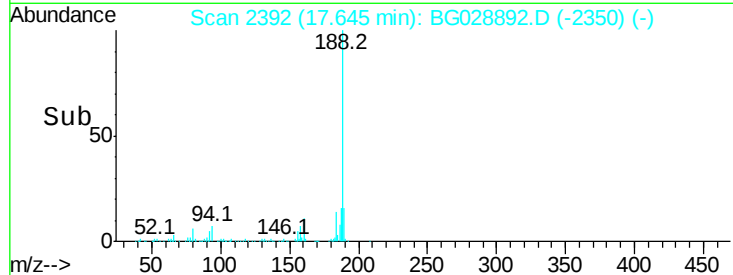
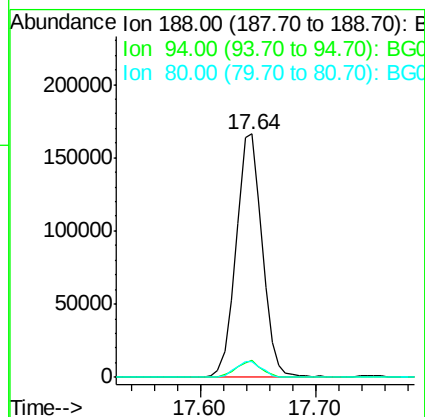
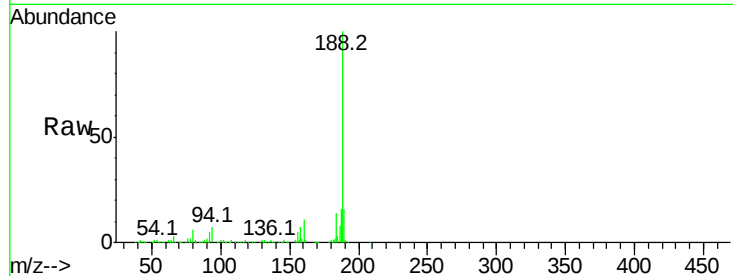




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2392
Delta R.T. -0.05 min
Lab File: BG028892.D
Acq: 23 Sep 2017 11:00

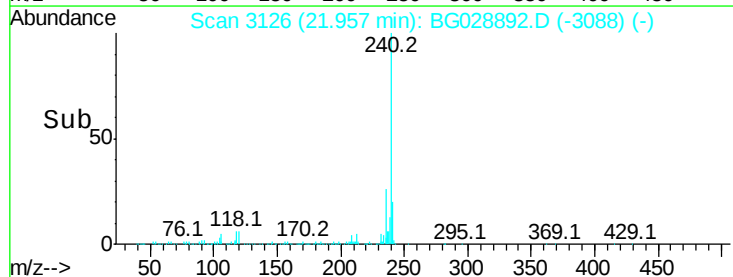
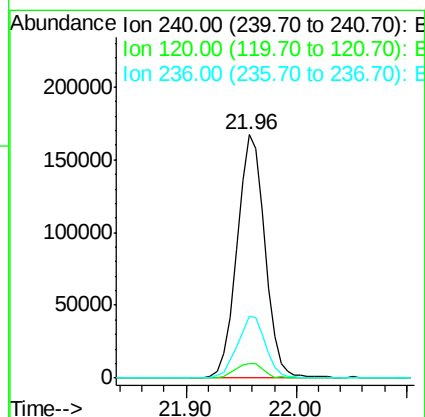
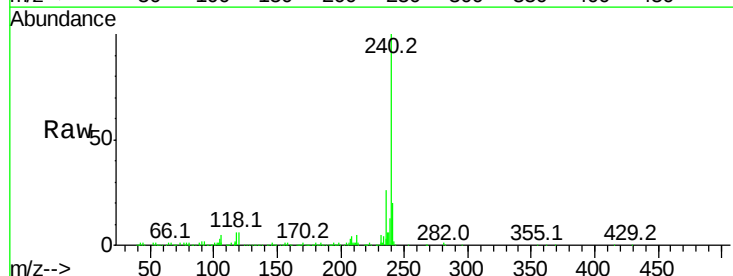
Instrument :
BNA_G
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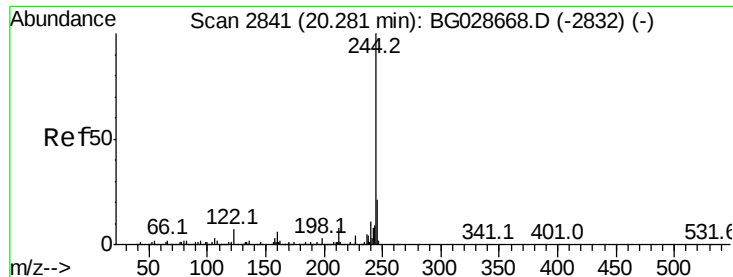
Tot Ion:188 Resp: 259689
Ion Ratio Lower Upper
188 100
94 6.8 5.8 8.8
80 6.4 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.96 min Scan# 3126
Delta R.T. -0.07 min
Lab File: BG028892.D
Acq: 23 Sep 2017 11:00

Tgt Ion:240 Resp: 297660
Ion Ratio Lower Upper
240 100
120 5.7 5.7 8.5
236 25.6 22.2 33.4





#78

Terphenyl-d14

Concen: 96.589 ng

RT: 20.23 min Scan# 2832

Delta R.T. -0.05 min

Lab File: BG028892.D

Acq: 23 Sep 2017 11:00

Instrument :

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ClientSampleId :

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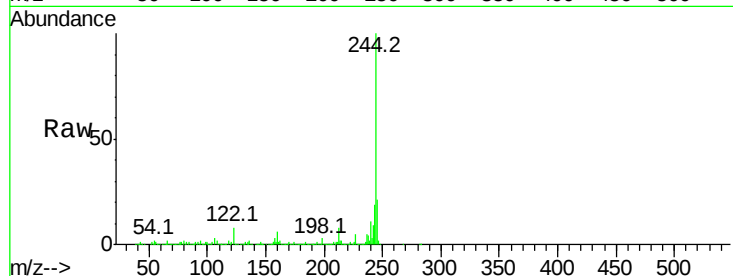
Tot Ion:244 Resp: 1348170

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

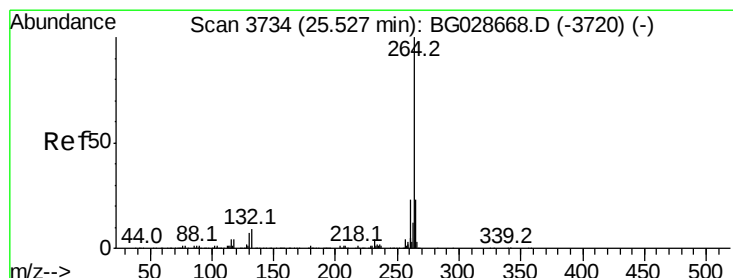
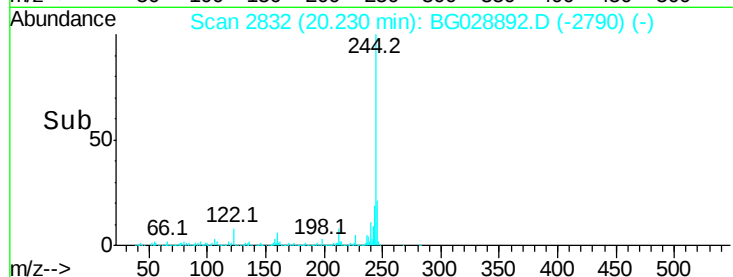
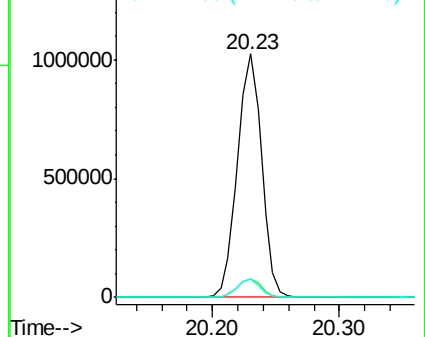
122 7.5 8.6 12.8#



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: 25.41 min Scan# 3714

Delta R.T. -0.12 min

Lab File: BG028892.D

Acq: 23 Sep 2017 11:00

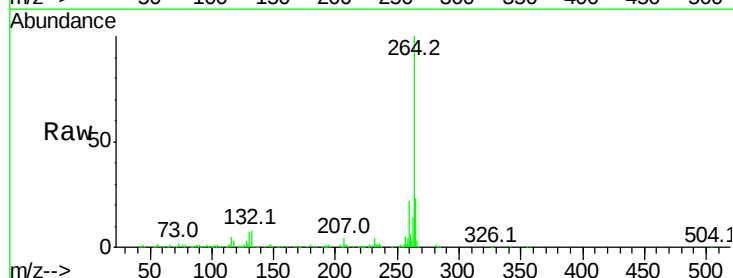
Tgt Ion:264 Resp: 307673

Ion Ratio Lower Upper

264 100

260 22.4 21.8 32.8

265 22.6 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

