

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
 Data File : BG028904.D
 Acq On : 23 Sep 2017 18:58
 Operator : SJ/JU
 Sample : I5331-09RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-092017-CRE

Quant Time: Sep 25 02:40:35 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	34483	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	138460	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	28022	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	130441	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	13215	20.00	ng	-0.06
86) Perylene-d12	25.45	264	62	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	302090	144.55	ng	-0.05
7) Phenol-d6	7.44	99	149559	47.53	ng	-0.05
23) Nitrobenzene-d5	9.45	82	291813	100.82	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	263650	568.87	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	724891	344.94	ng	-0.05
78) Terphenyl-d14	20.23	244	572548	923.95	ng	-0.05

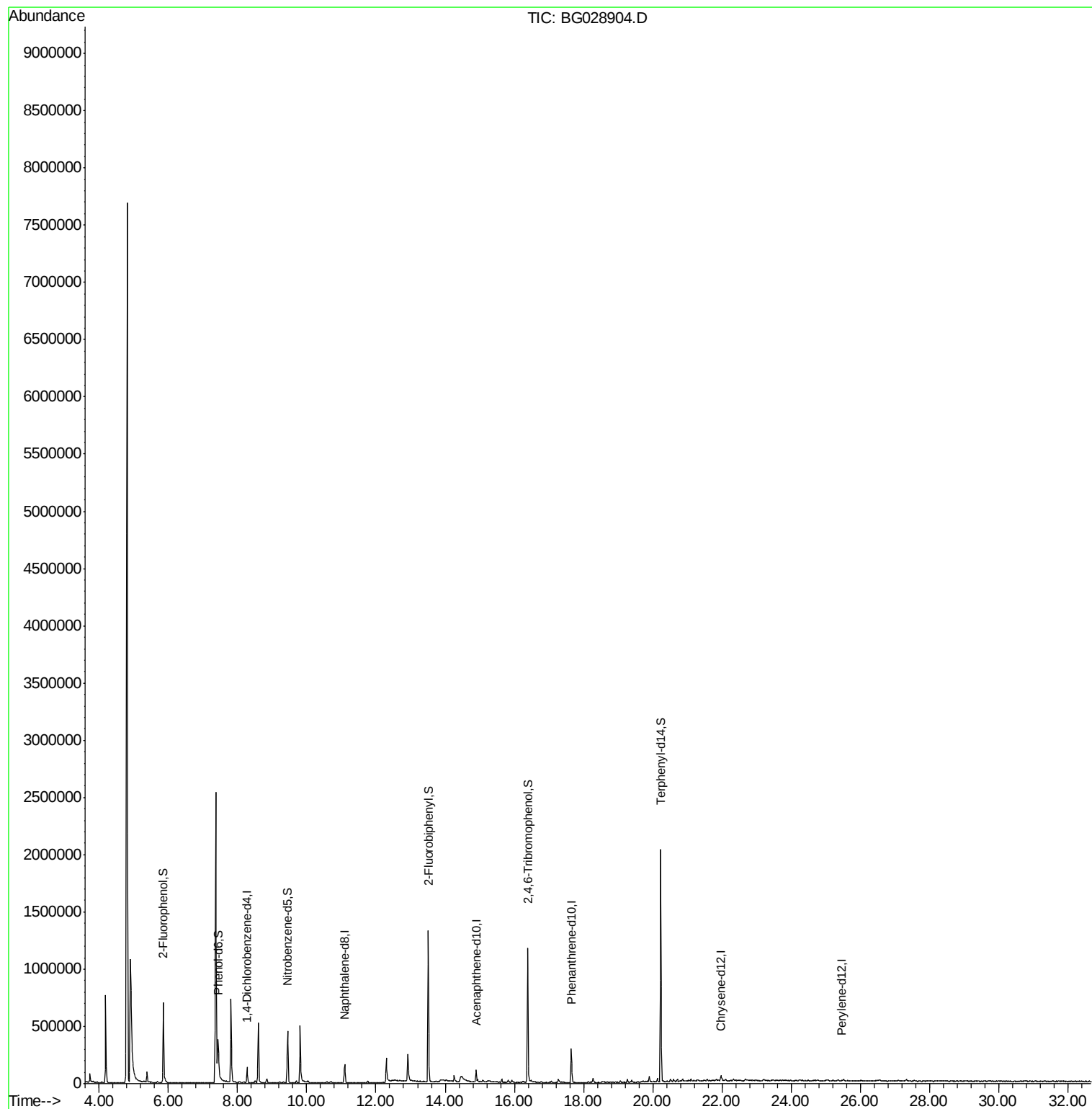
Target Compounds Qvalue

(#) = 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: BG028904.D

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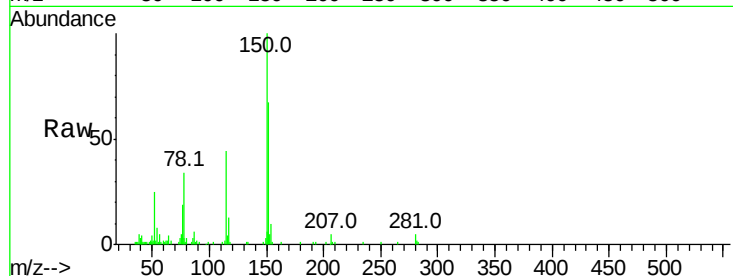
Tot Ion:152 Resp: 34483

Ion Ratio Lower Upper

152 100

150 148.5 114.0 171.0

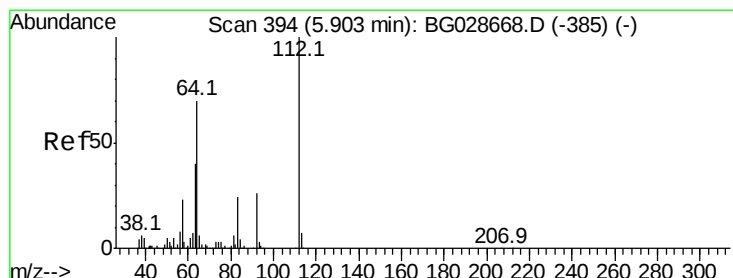
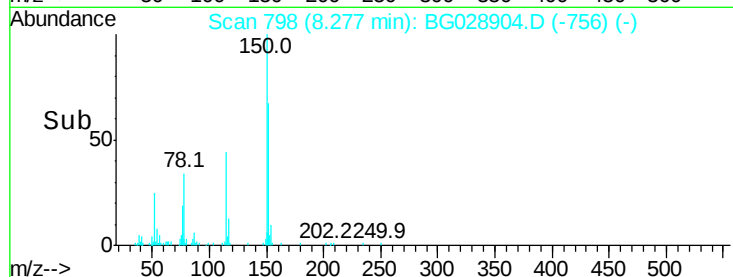
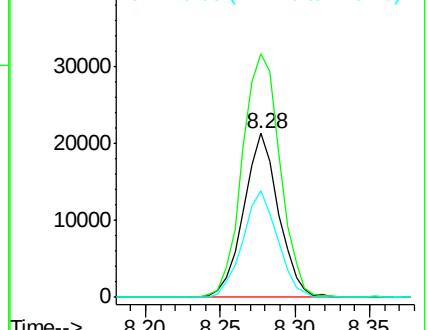
115 64.8 48.1 72.1



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: 144.553 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028904.D

Acq: 23 Sep 2017 18:58

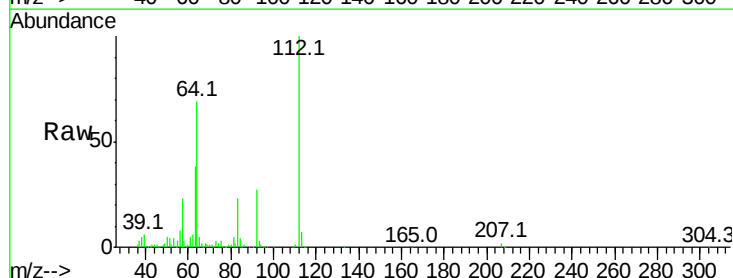
Tgt Ion:112 Resp: 302090

Ion Ratio Lower Upper

112 100

64 68.9 61.8 92.6

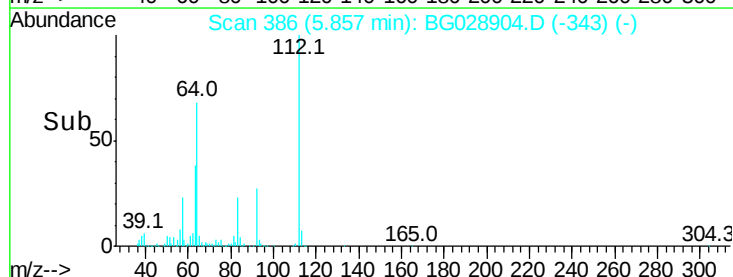
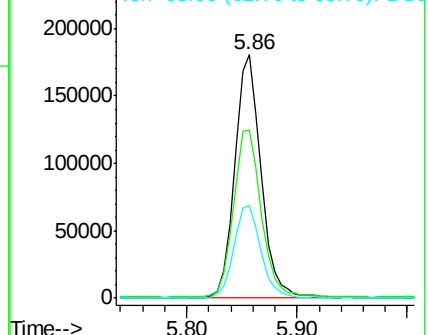
63 38.0 37.2 55.8

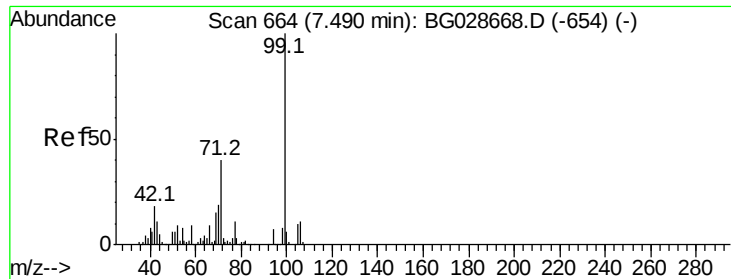


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 47.532 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028904.D

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Instrument :

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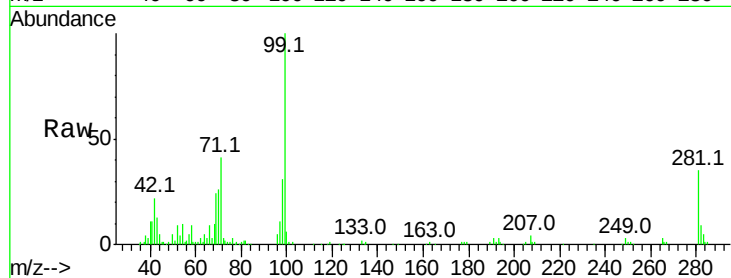
Tot Ion: 99 Resp: 149559

Ion Ratio Lower Upper

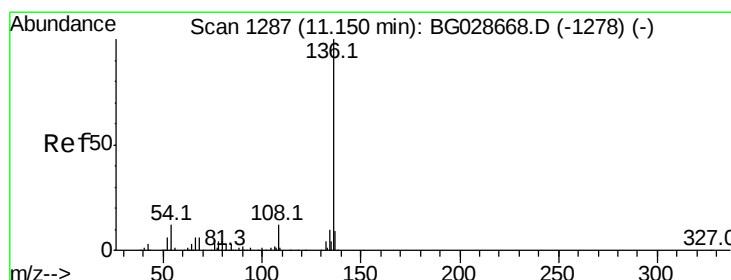
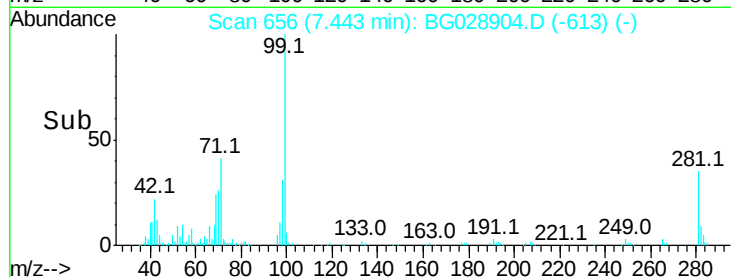
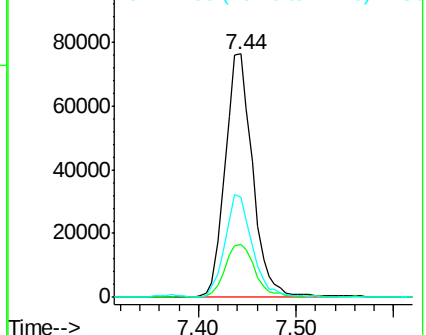
99 100

42 21.6 20.5 30.7

71 41.0 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. -0.05 min

Lab File: BG028904.D

Acq: 23 Sep 2017 18:58

Tgt Ion: 136 Resp: 138460

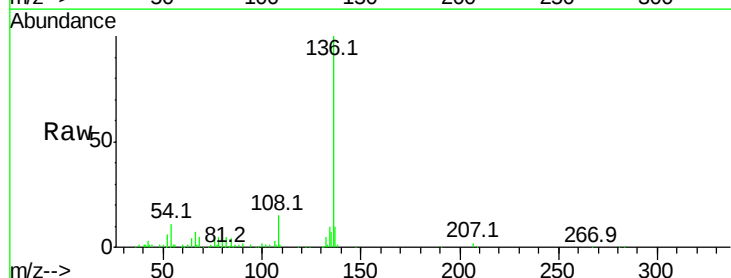
Ion Ratio Lower Upper

136 100

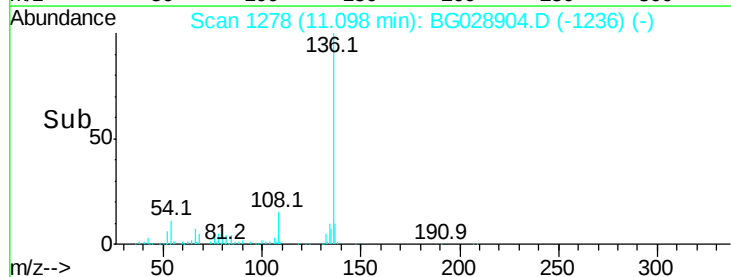
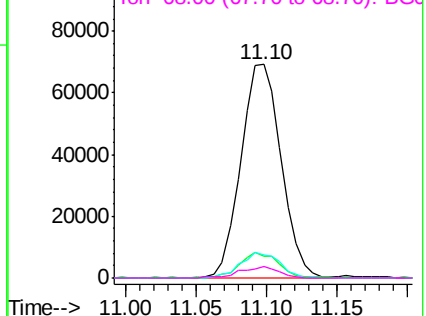
137 10.5 8.9 13.3

54 10.9 9.3 13.9

68 5.2 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

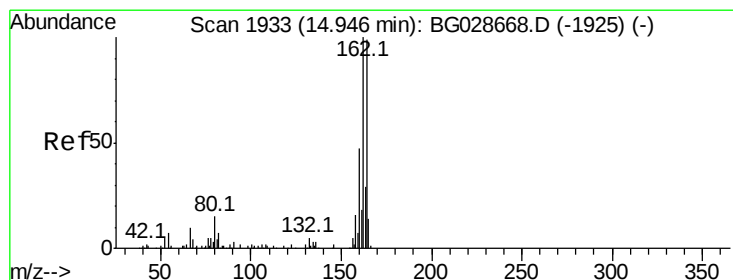
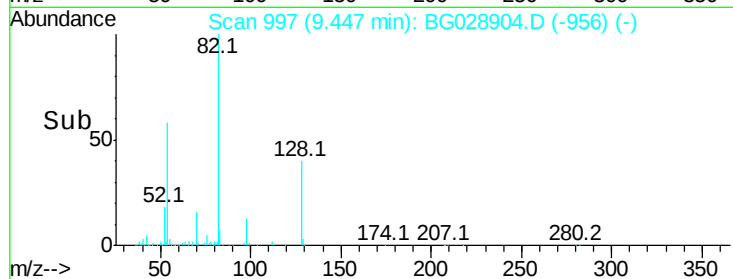
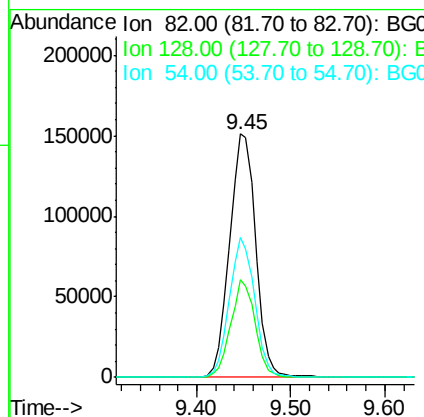
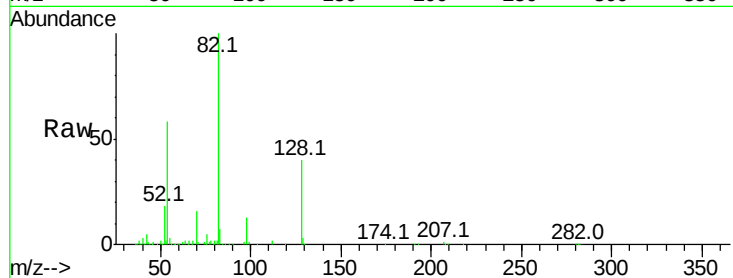




#23
Nitrobenzene-d5
Concen: 100.820 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028904.D
Acq: 23 Sep 2017 18:58

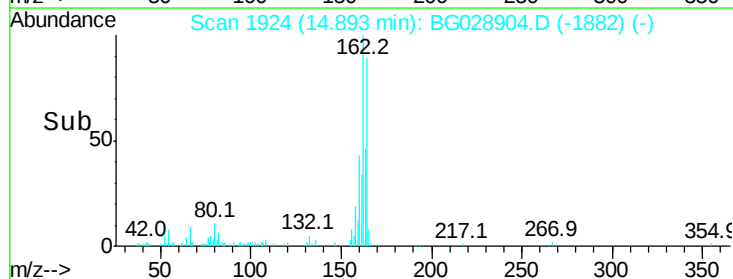
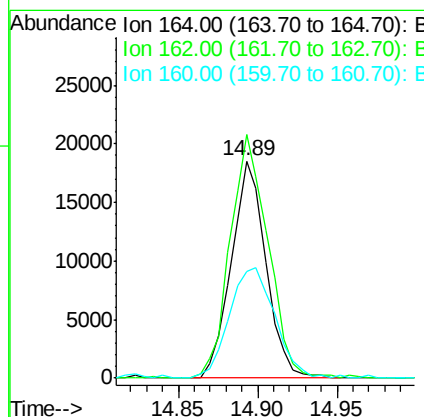
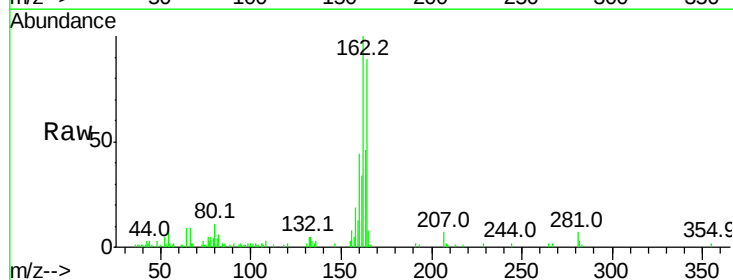
Instrument :
BNA_G
ClientSampleId :
HR-05-092017-CRE

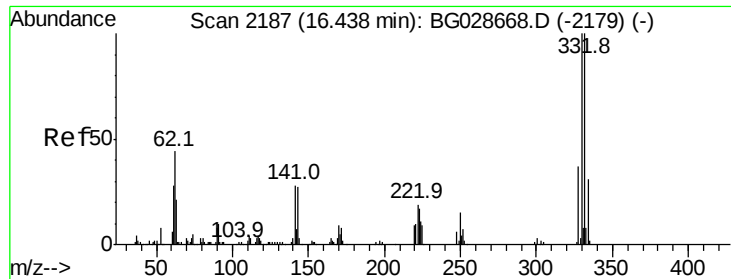
Tot Ion	82	Resp	291813
Ion	Ratio	Lower	Upper
82	100		
128	40.0	26.4	39.6#
54	57.7	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028904.D
Acq: 23 Sep 2017 18:58

Tgt Ion	164	Resp	28022
Ion	Ratio	Lower	Upper
164	100		
162	112.1	85.1	127.7
160	49.3	34.7	52.1

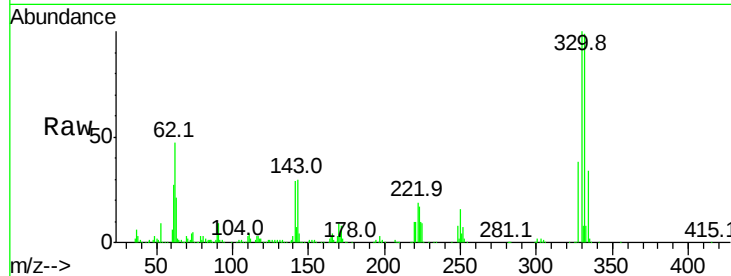




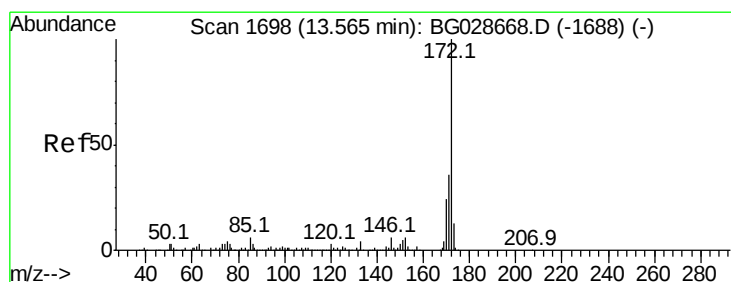
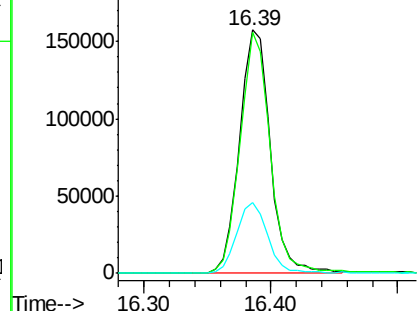
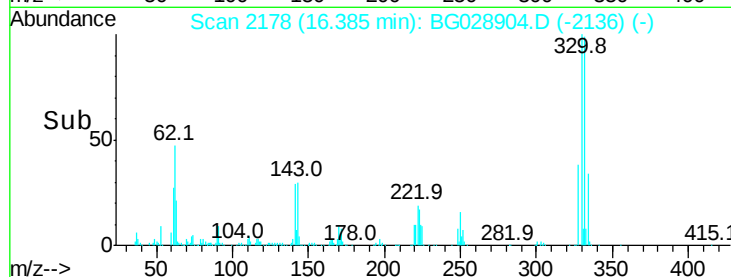
#41
 2,4,6-Tribromophenol
 Concen: 568.865 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028904.D
 Acq: 23 Sep 2017 18:58

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-092017-CRE

Tot Ion:330 Resp: 263650
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.3 115.9
 141 29.6 32.1 48.1#

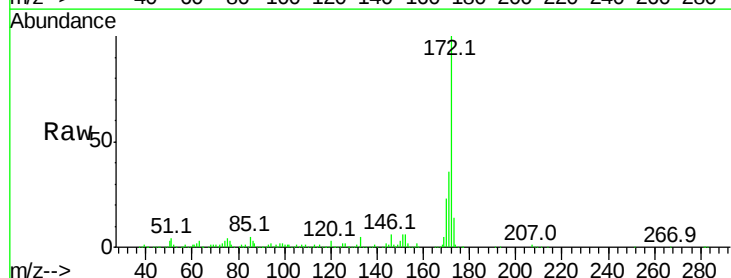


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

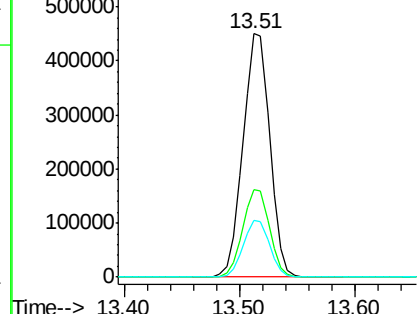
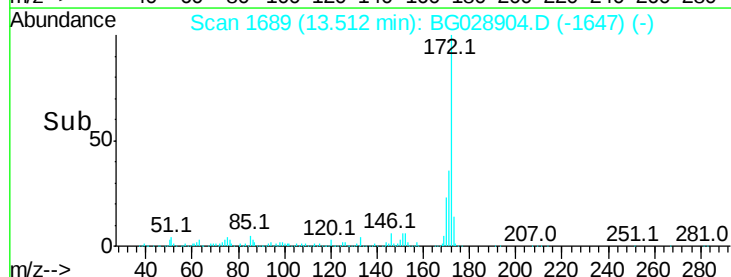


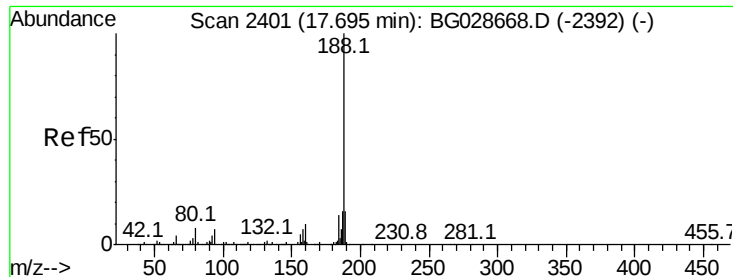
#44
 2-Fluorobiphenyl
 Concen: 344.938 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028904.D
 Acq: 23 Sep 2017 18:58

Tgt Ion:172 Resp: 724891
 Ion Ratio Lower Upper
 172 100
 171 36.1 32.2 48.2
 170 23.3 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

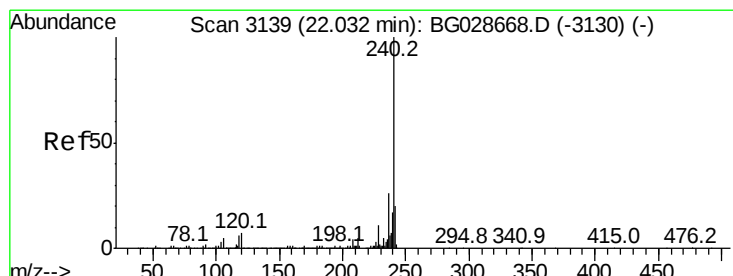
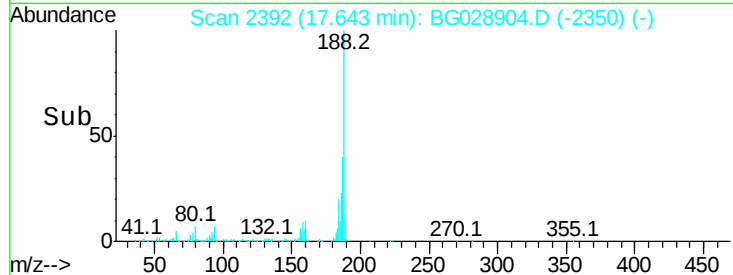
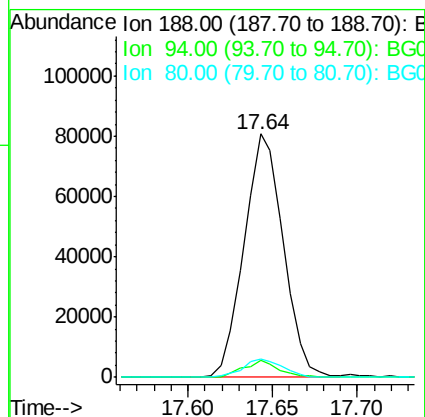
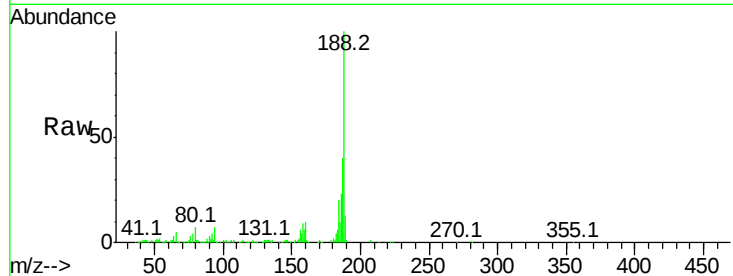




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2392
Delta R.T. -0.05 min
Lab File: BG028904.D
Acq: 23 Sep 2017 18:58

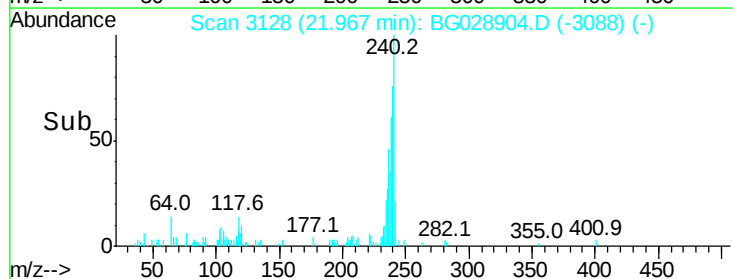
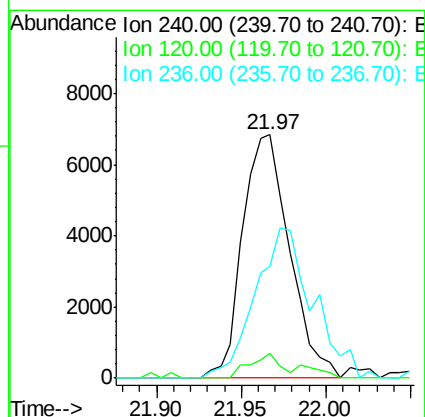
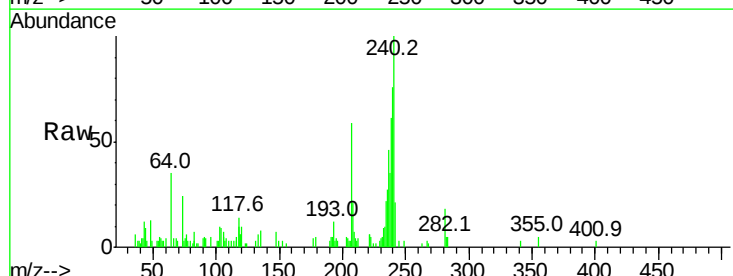
Instrument :
BNA_G
ClientSampleId :
HR-05-092017-CRE

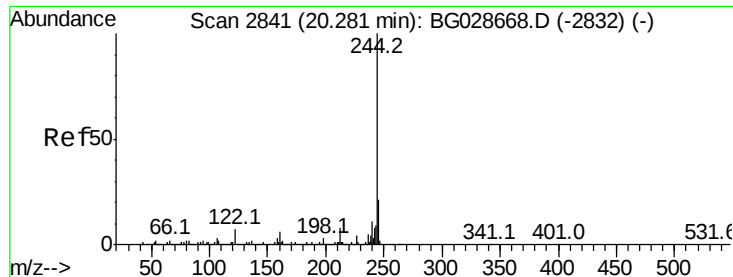
Tot Ion:188 Resp: 130441
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.8
80 7.3 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.97 min Scan# 3128
Delta R.T. -0.06 min
Lab File: BG028904.D
Acq: 23 Sep 2017 18:58

Tgt Ion:240 Resp: 13215
Ion Ratio Lower Upper
240 100
120 10.4 5.7 8.5#
236 45.8 22.2 33.4#





#78

Terphenyl-d14

Concen: 923.947 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028904.D

Acq: 23 Sep 2017 18:58

Instrument :

BNA_G

ClientSampleId :

HR-05-092017-CRE

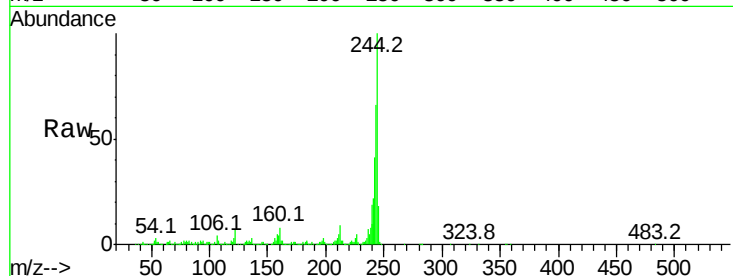
Tot Ion:244 Resp: 572548

Ion Ratio Lower Upper

244 100

212 8.6 10.0 15.0#

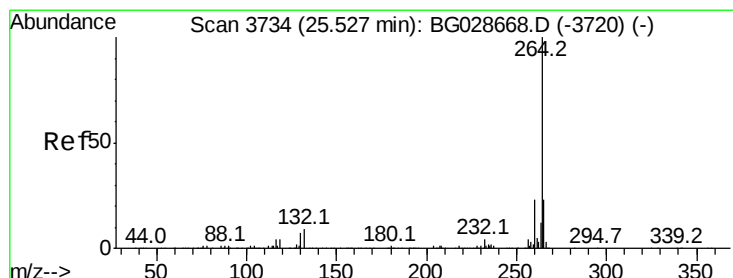
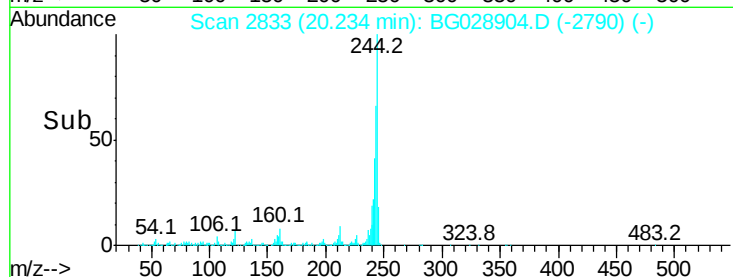
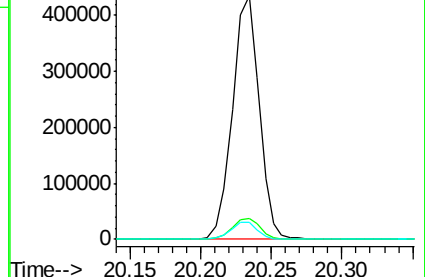
122 6.8 8.6 12.8#



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: 25.45 min Scan# 3721

Delta R.T. -0.08 min

Lab File: BG028904.D

Acq: 23 Sep 2017 18:58

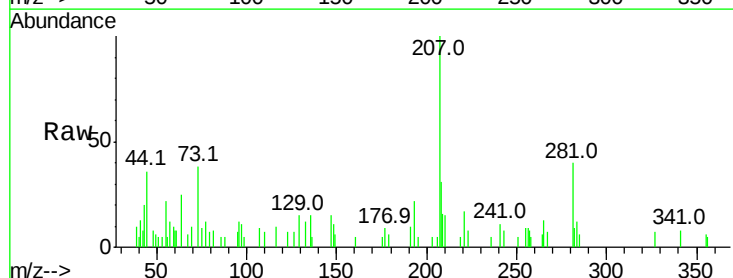
Tgt Ion:264 Resp: 62

Ion Ratio Lower Upper

264 100

260 0.0 21.8 32.8#

265 235.4 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

