

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092817\
 Data File : BG028966.D
 Acq On : 28 Sep 2017 18:56
 Operator : SJ/JU
 Sample : I5463-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 29 05:23:36 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	35059	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	146638	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	107248	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	274844	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	328490	20.00	ng	-0.07
86) Perylene-d12	25.42	264	334713	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	88743	41.77	ng	-0.05
7) Phenol-d6	7.44	99	77705	24.29	ng	-0.05
23) Nitrobenzene-d5	9.45	82	255590	83.38	ng	-0.05
41) 2,4,6-Tribromophenol	16.38	330	138686	78.19	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	675621	84.00	ng	-0.05
78) Terphenyl-d14	20.23	244	1385983	89.98	ng	-0.05

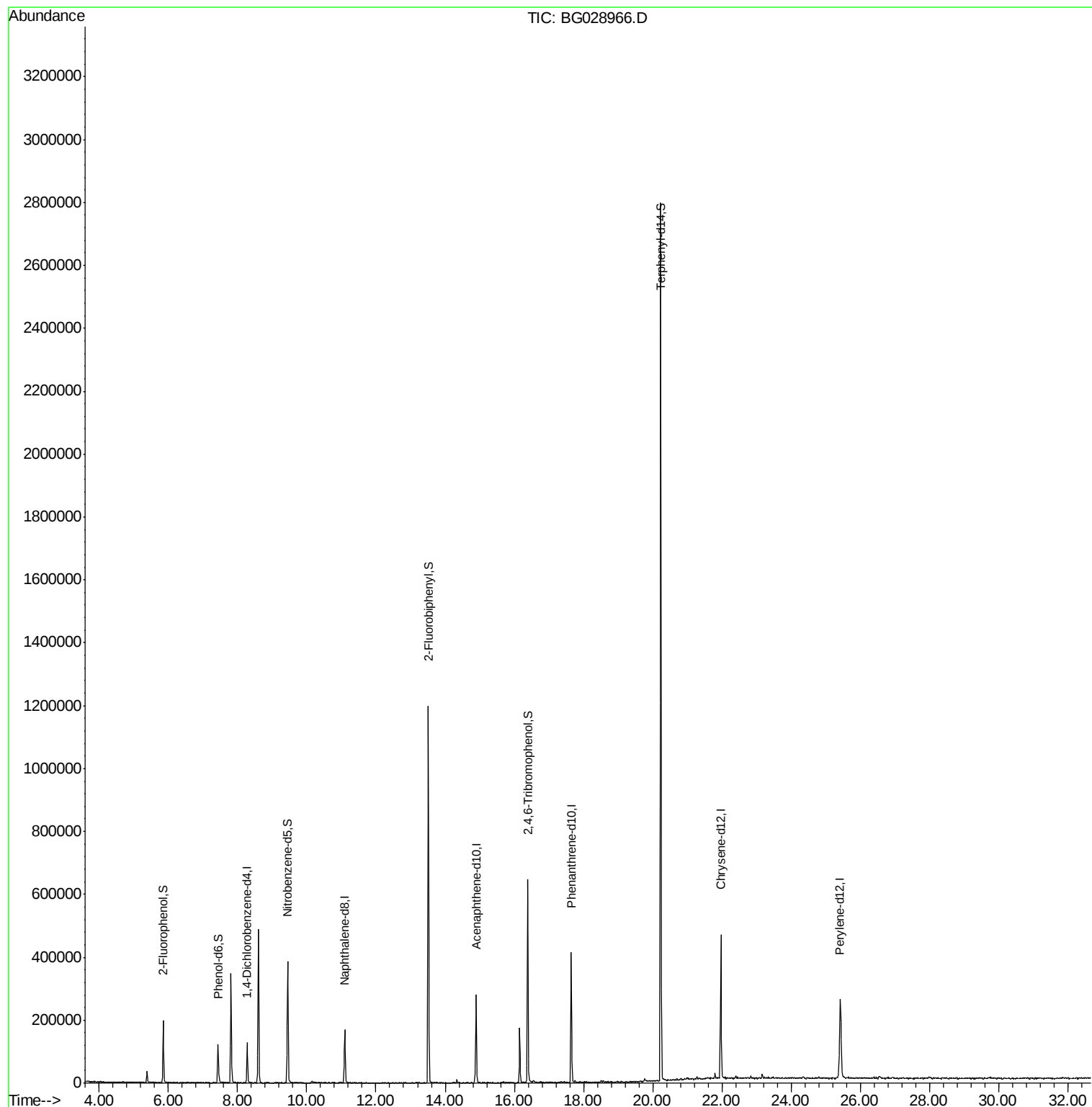
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.05 min

Lab File: BG028966.D

Acq: 28 Sep 2017 18:56

Instrument :

BNA_G

ClientSampleId :

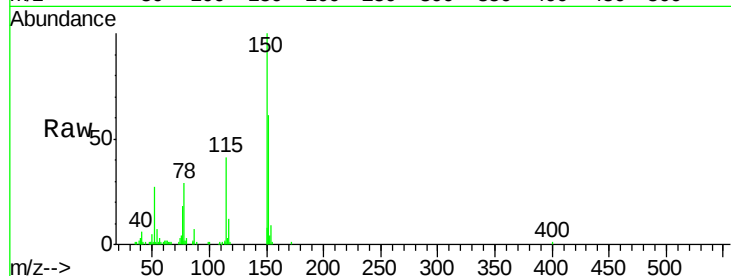
Tot Ion:152 Resp: 35059

Ion Ratio Lower Upper

152 100

150 163.1 114.0 171.0

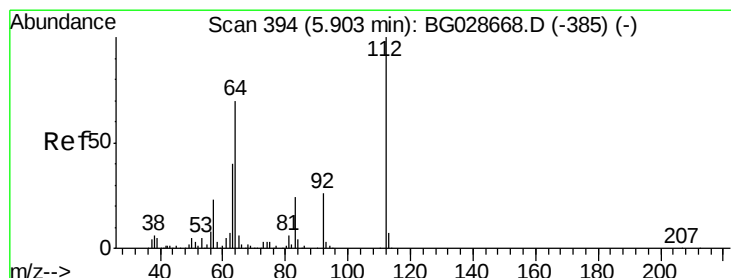
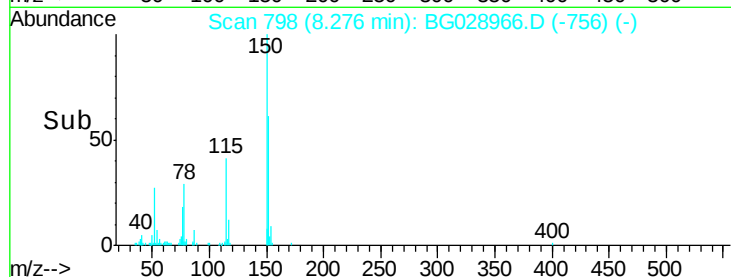
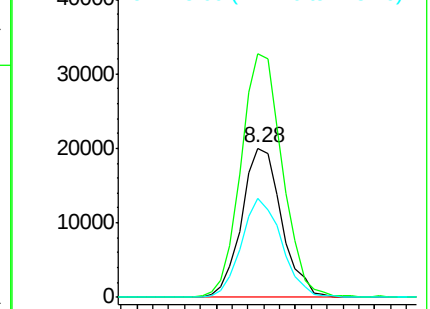
115 66.5 48.1 72.1



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: 41.77 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028966.D

Acq: 28 Sep 2017 18:56

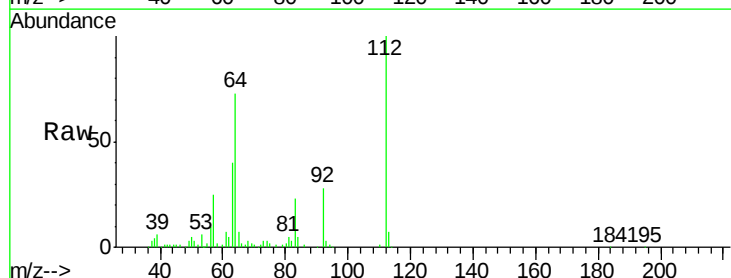
Tgt Ion:112 Resp: 88743

Ion Ratio Lower Upper

112 100

64 73.3 61.8 92.6

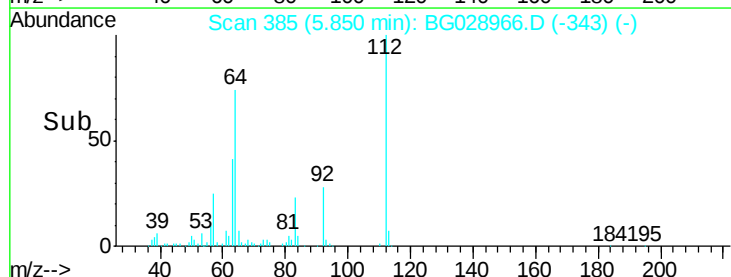
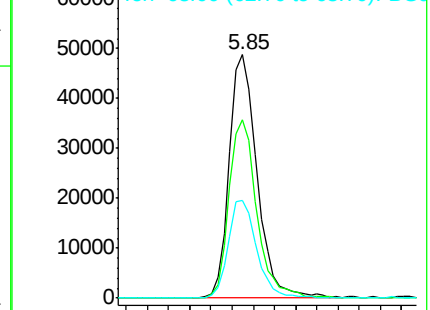
63 40.3 37.2 55.8

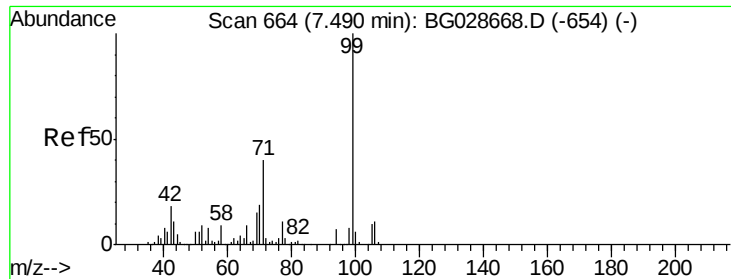


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 24.29 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028966.D

Acq: 28 Sep 2017 18:56

Instrument :

BNA_G

ClientSampled :

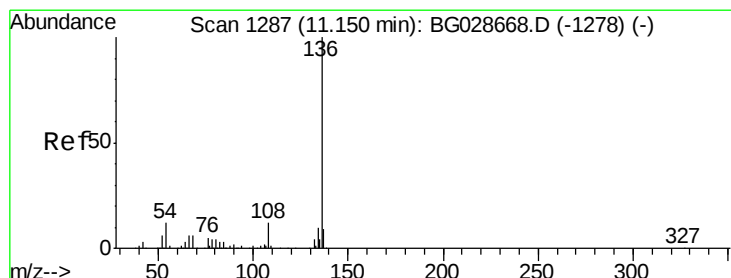
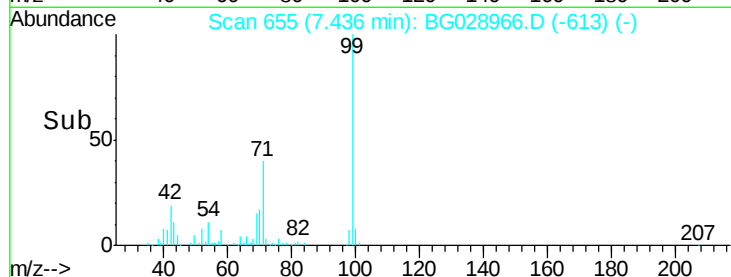
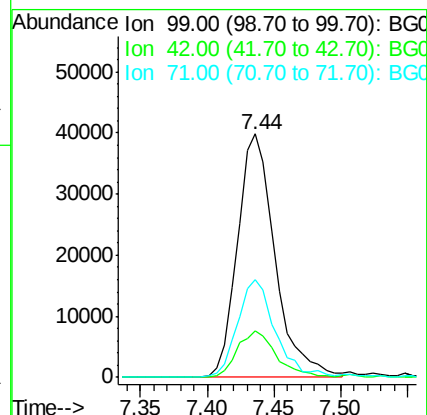
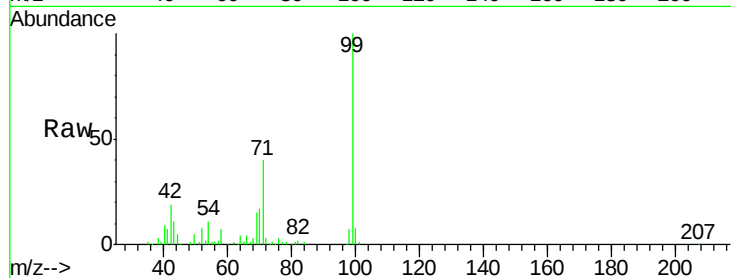
Tot Ion: 99 Resp: 77705

Ion Ratio Lower Upper

99 100

42 19.3 20.5 30.7#

71 40.0 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BG028966.D

Acq: 28 Sep 2017 18:56

Tgt Ion: 136 Resp: 146638

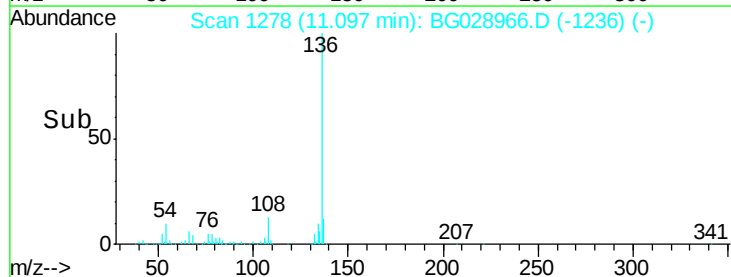
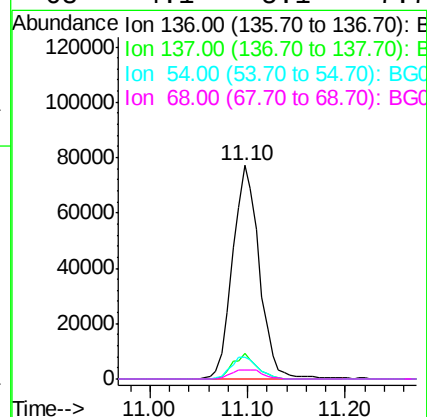
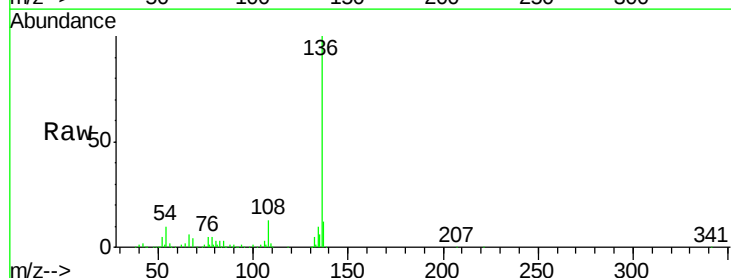
Ion Ratio Lower Upper

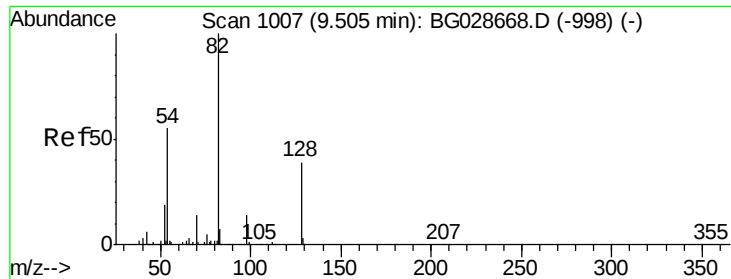
136 100

137 11.9 8.9 13.3

54 10.5 9.3 13.9

68 4.1 5.1 7.7#

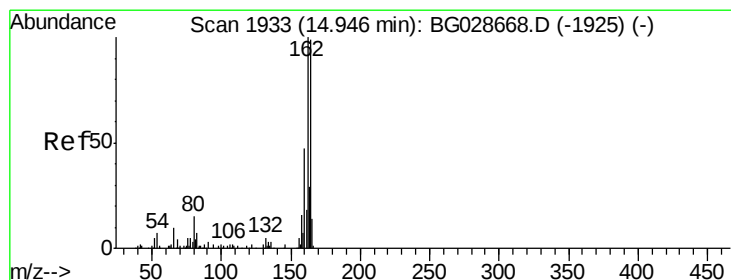
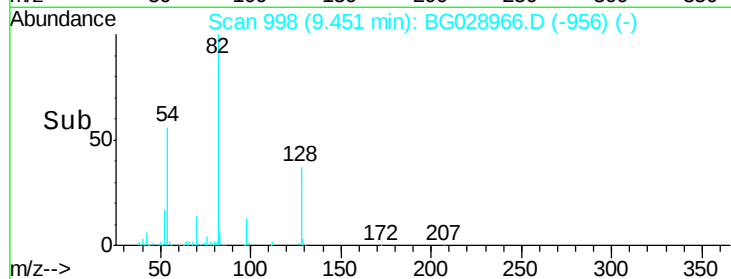
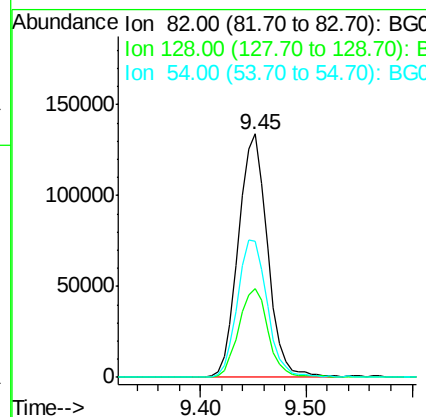
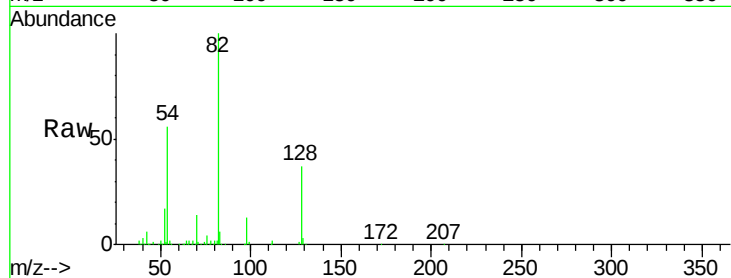




#23
 Nitrobenzene-d5
 Concen: 83.38 ng
 RT: 9.45 min Scan# 998
 Delta R.T. -0.05 min
 Lab File: BG028966.D
 Acq: 28 Sep 2017 18:56

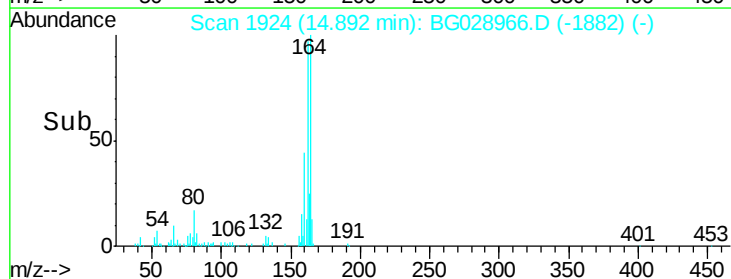
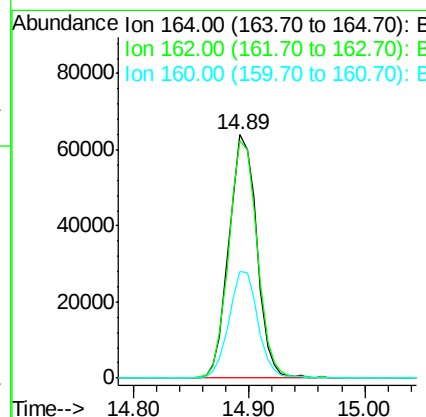
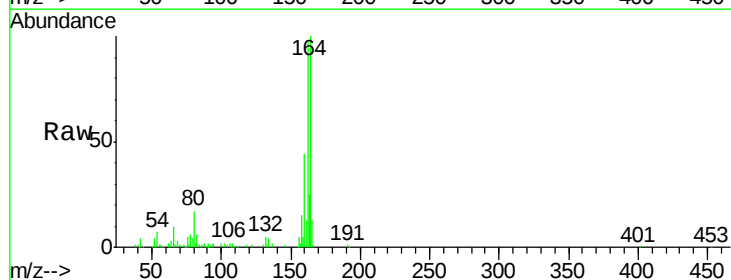
Instrument :
 BNA_G
 ClientSampleId :

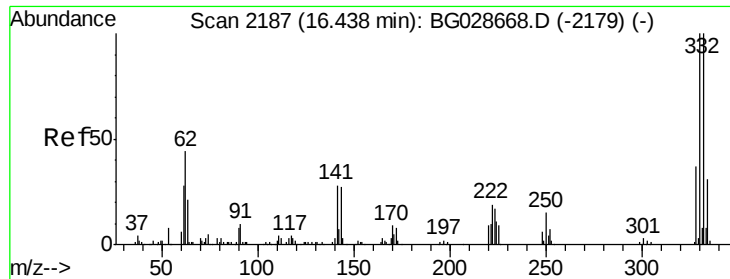
Tot Ion	82	Resp	255590
Ion Ratio	Lower	Upper	
82	100		
128	36.6	26.4	39.6
54	56.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 1924
 Delta R.T. -0.05 min
 Lab File: BG028966.D
 Acq: 28 Sep 2017 18:56

Tgt Ion	164	Resp	107248
Ion Ratio	Lower	Upper	
164	100		
162	97.4	85.1	127.7
160	43.9	34.7	52.1

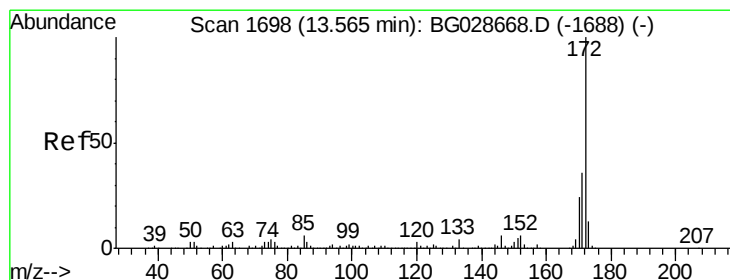
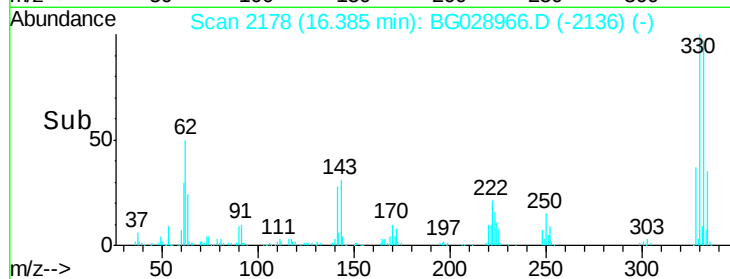
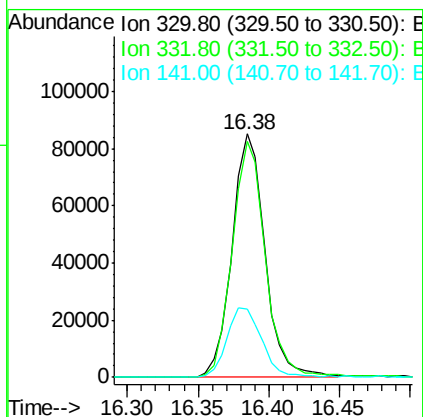
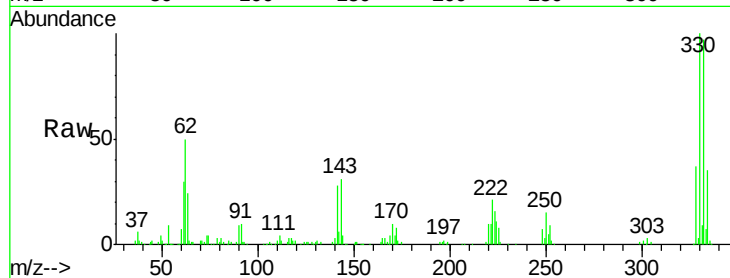




#41
 2,4,6-Tribromophenol
 Concen: 78.19 ng
 RT: 16.38 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028966.D
 Acq: 28 Sep 2017 18:56

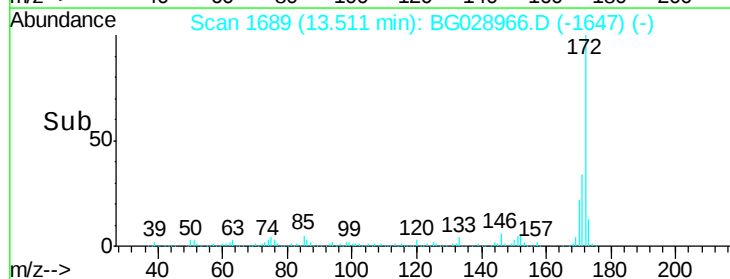
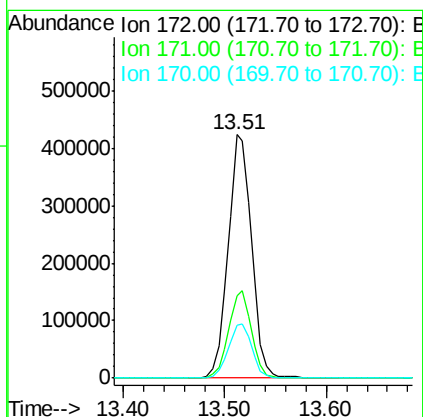
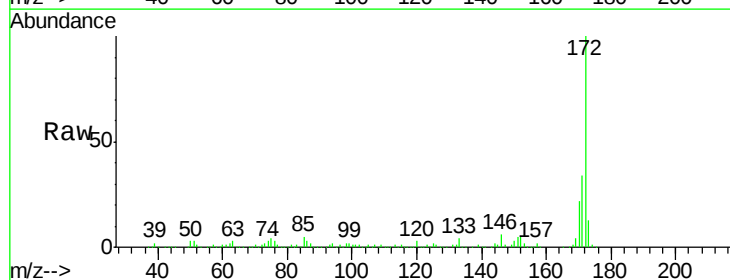
Instrument :
 BNA_G
 ClientSampleId :

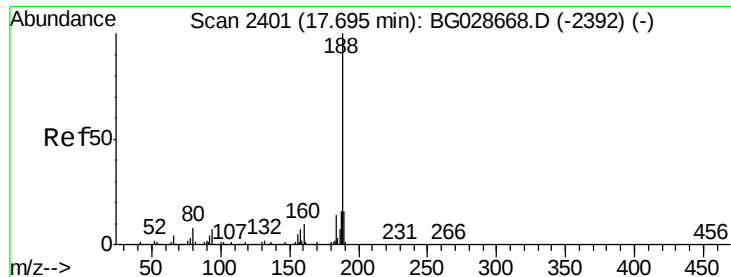
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	30.3	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 84.00 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028966.D
 Acq: 28 Sep 2017 18:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	32.2	48.2
170	21.6	21.8	32.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.64 min Scan# 2392

Delta R.T. -0.05 min

Lab File: BG028966.D

Acq: 28 Sep 2017 18:56

Instrument :

BNA_G

ClientSampleId :

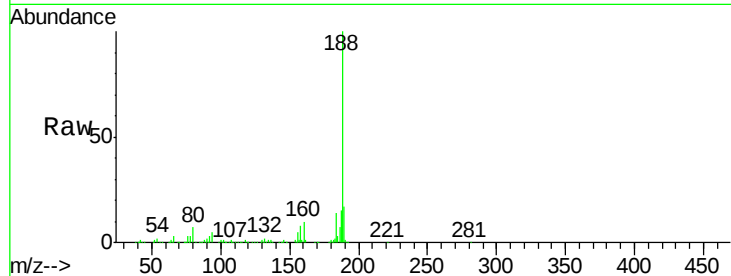
Tot Ion:188 Resp: 274844

Ion Ratio Lower Upper

188 100

94 5.0 5.8 8.8#

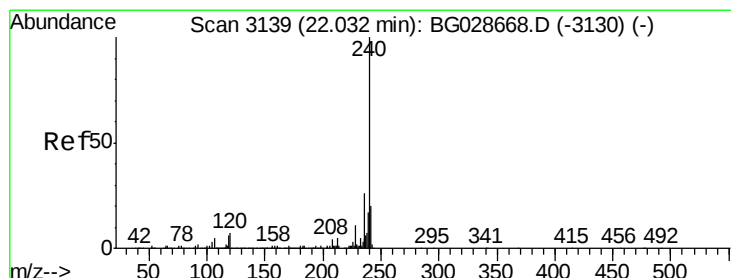
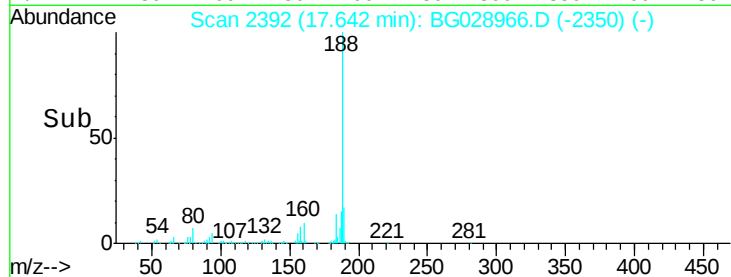
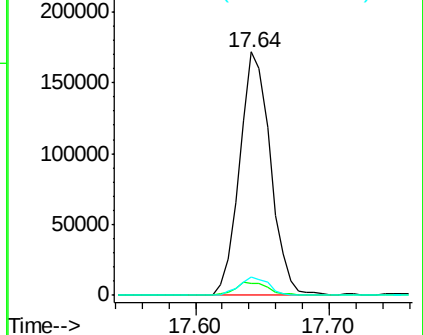
80 7.3 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028966.D

Acq: 28 Sep 2017 18:56

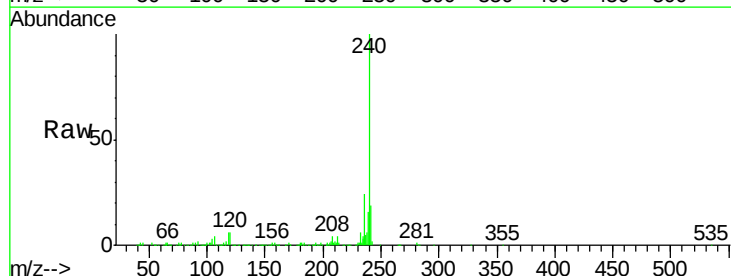
Tgt Ion:240 Resp: 328490

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

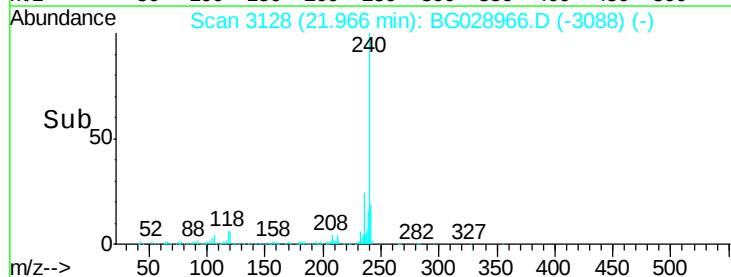
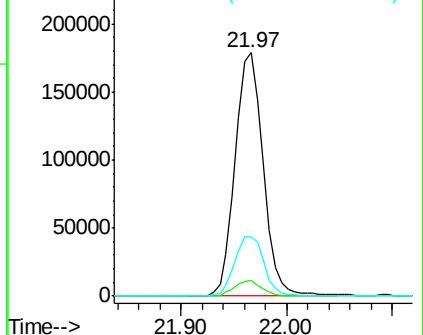
236 24.4 22.2 33.4

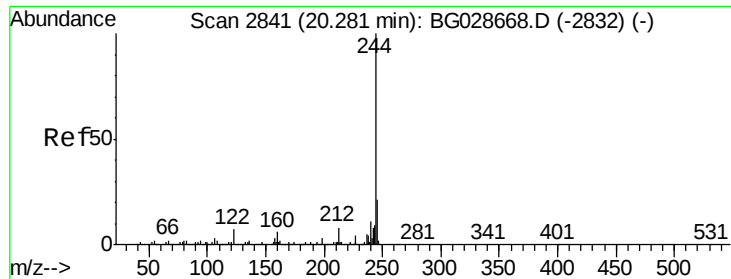


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.98 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028966.D

Acq: 28 Sep 2017 18:56

Instrument :

BNA_G

ClientSampled :

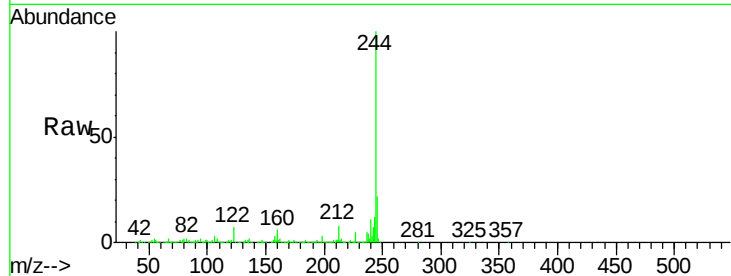
Tot Ion:244 Resp: 1385983

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

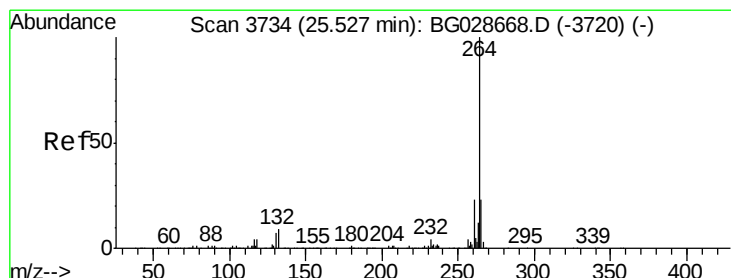
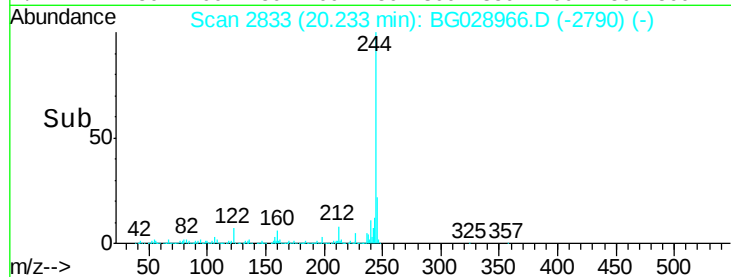
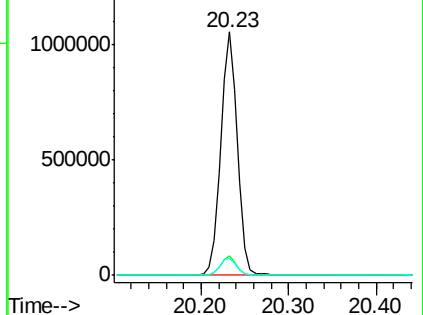
122 6.9 8.6 12.8#



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: 25.42 min Scan# 3715

Delta R.T. -0.11 min

Lab File: BG028966.D

Acq: 28 Sep 2017 18:56

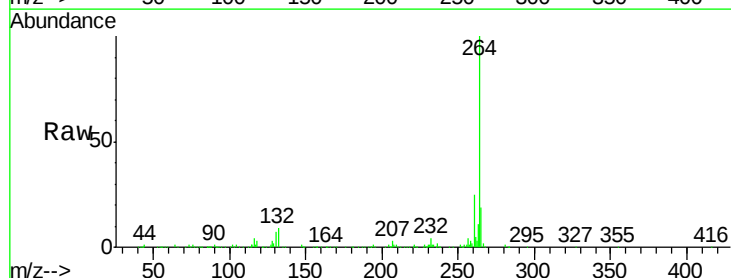
Tgt Ion:264 Resp: 334713

Ion Ratio Lower Upper

264 100

260 24.7 21.8 32.8

265 19.3 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

