

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
 Data File : BG028903.D
 Acq On : 23 Sep 2017 18:18
 Operator : SJ/JU
 Sample : I5298-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 25 01:00:34 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	26658	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	102572	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	74644	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	245588	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	297307	20.00	ng	-0.07
86) Perylene-d12	25.41	264	307493	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	74784	46.29	ng	-0.06
7) Phenol-d6	7.43	99	63720	26.20	ng	-0.06
23) Nitrobenzene-d5	9.45	82	218816	102.05	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	159733	129.38	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	580312	103.67	ng	-0.05
78) Terphenyl-d14	20.24	244	1366734	98.04	ng	-0.05

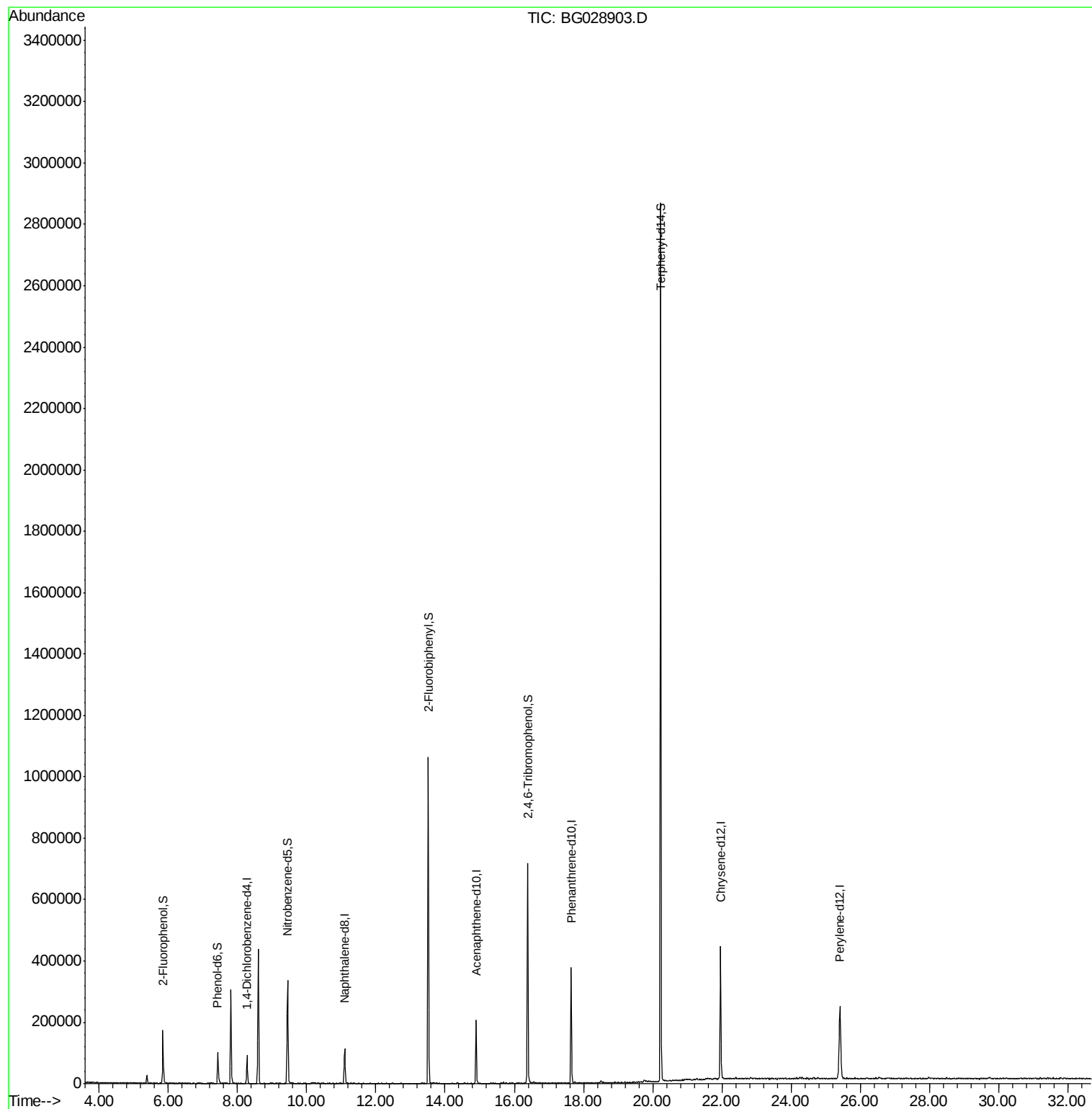
Target Compounds Qvalue

(#) = 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: BG028903.D

Acq: 23 Sep 2017 18:18

Instrument :

BNA_G

ClientSampleId :

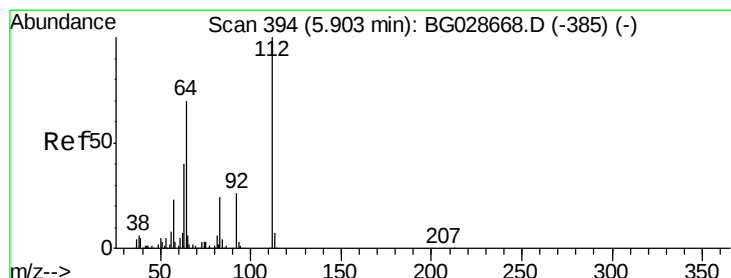
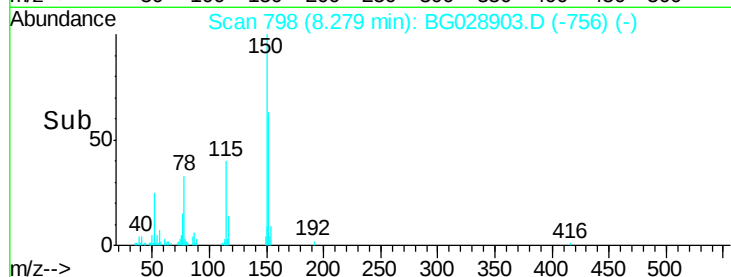
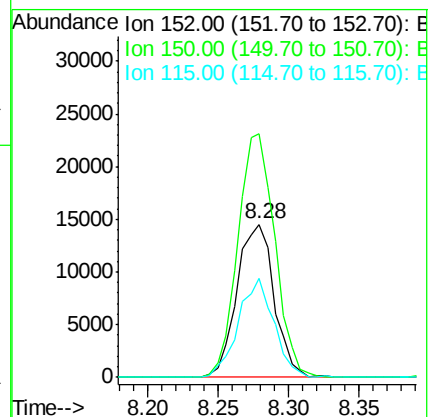
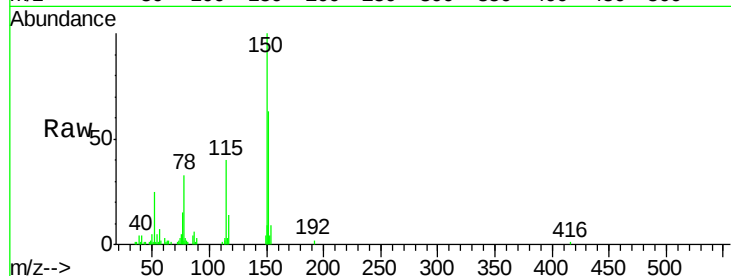
Tot Ion:152 Resp: 26658

Ion Ratio Lower Upper

152 100

150 158.8 114.0 171.0

115 64.2 48.1 72.1



#5

2-Fluorophenol

Concen: 46.29 ng

RT: 5.85 min Scan# 384

Delta R.T. -0.06 min

Lab File: BG028903.D

Acq: 23 Sep 2017 18:18

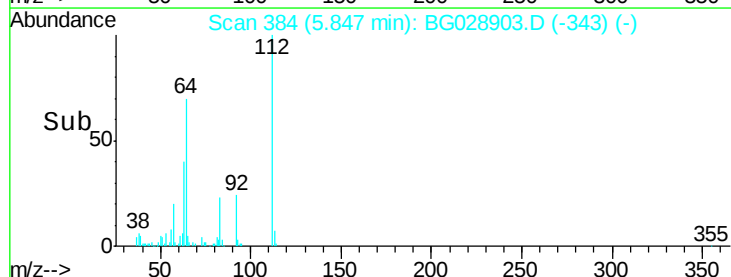
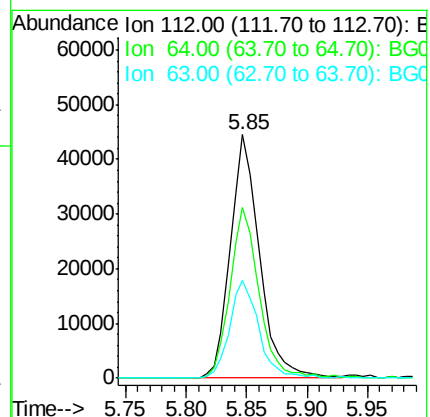
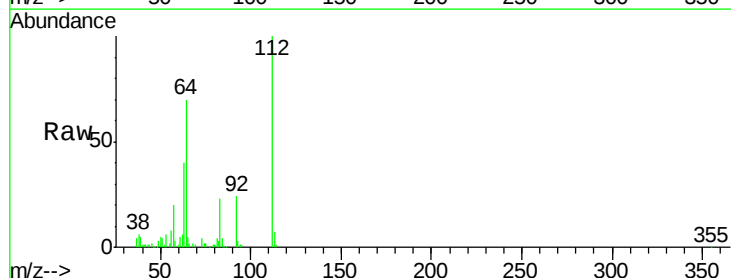
Tgt Ion:112 Resp: 74784

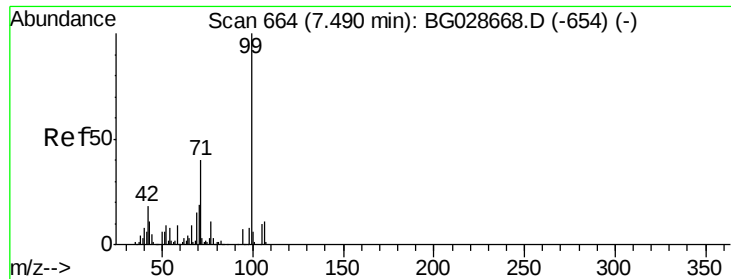
Ion Ratio Lower Upper

112 100

64 70.1 61.8 92.6

63 40.1 37.2 55.8





#7

Phenol-d6

Concen: 26.20 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028903.D

Acq: 23 Sep 2017 18:18

Instrument :

BNA_G

ClientSampleId :

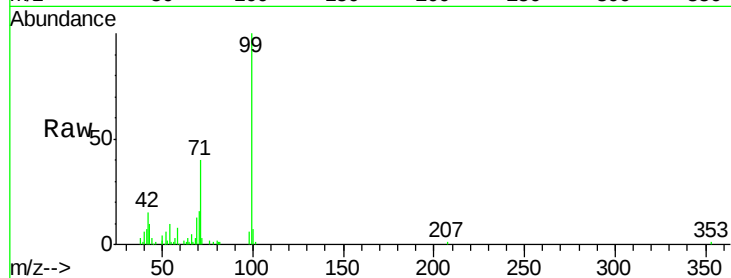
Tot Ion: 99 Resp: 63720

Ion Ratio Lower Upper

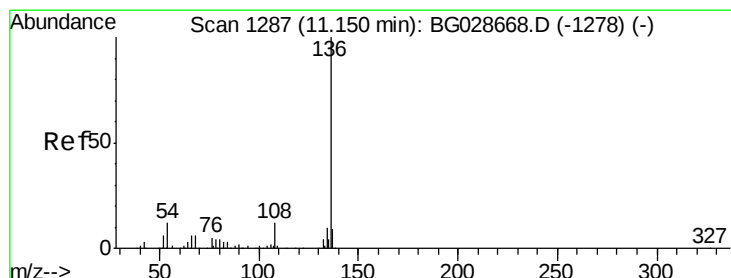
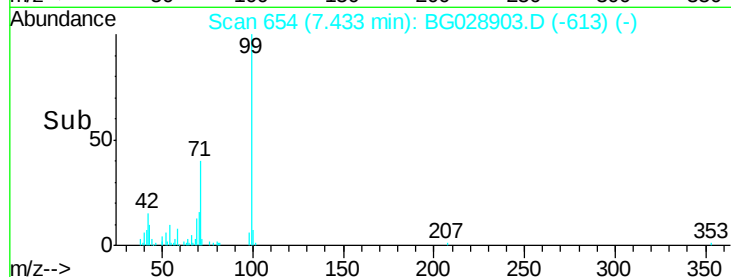
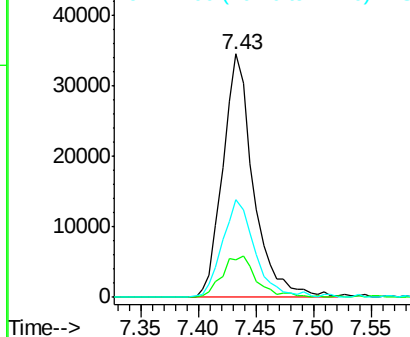
99 100

42 15.3 20.5 30.7#

71 40.2 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: BG028903.D

Acq: 23 Sep 2017 18:18

Tgt Ion: 136 Resp: 102572

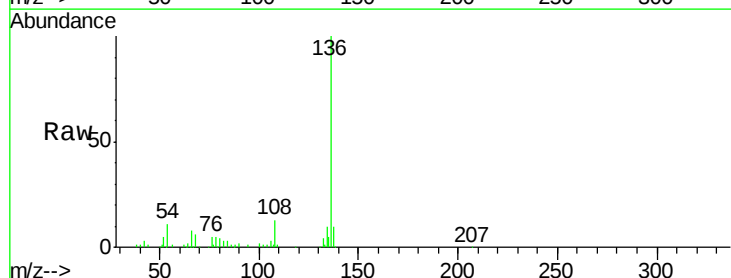
Ion Ratio Lower Upper

136 100

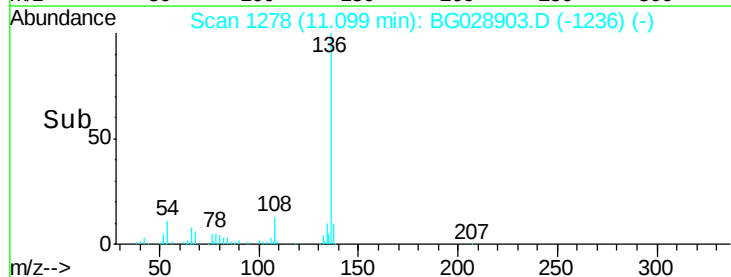
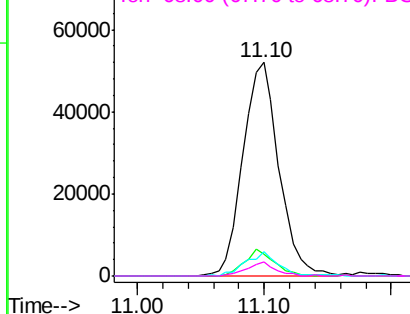
137 10.0 8.9 13.3

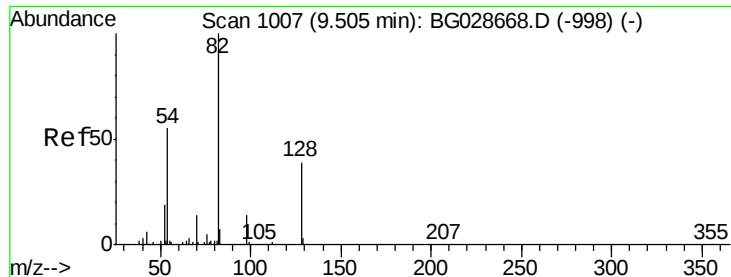
54 11.2 9.3 13.9

68 6.3 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

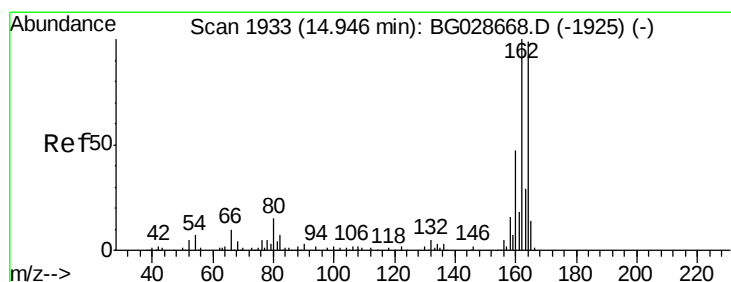
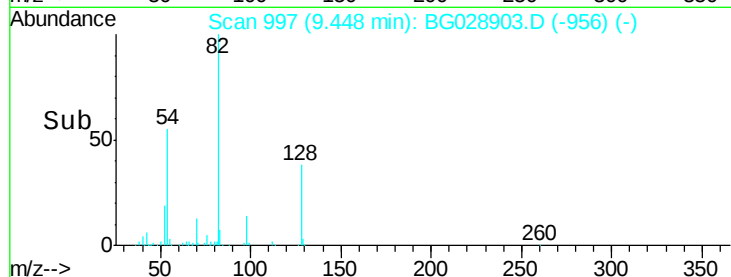
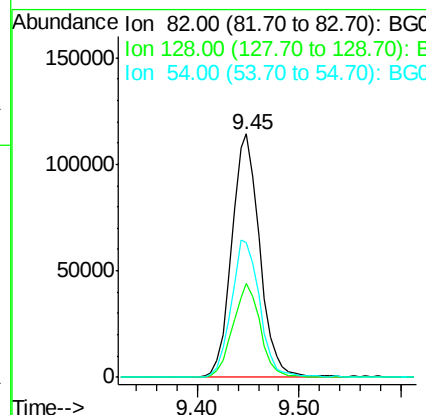
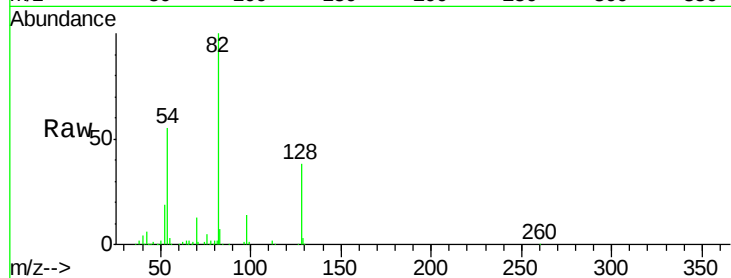




#23
Nitrobenzene-d5
Concen: 102.05 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028903.D
Acq: 23 Sep 2017 18:18

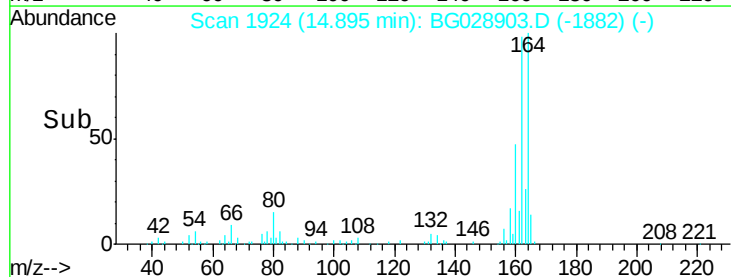
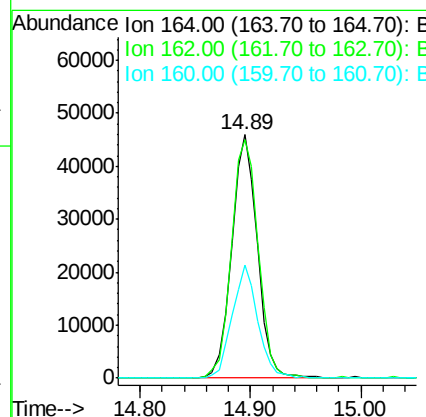
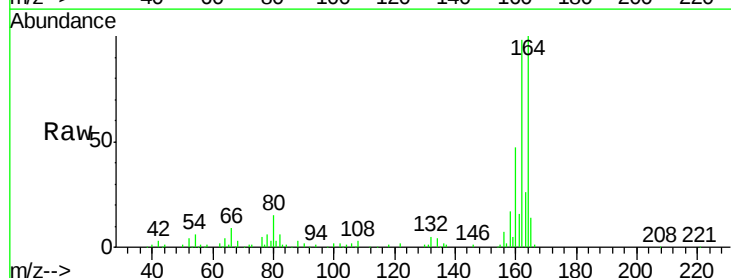
Instrument :
BNA_G
ClientSampleId :

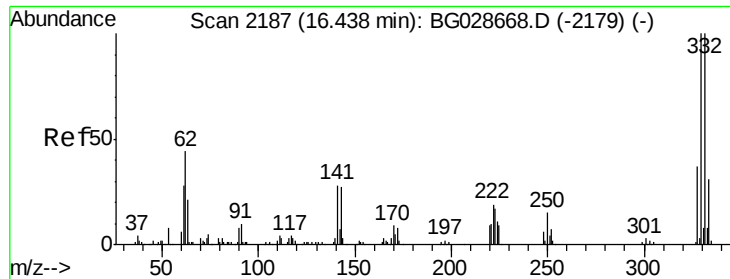
Tot Ion	82	Resp	218816
Ion	Ratio	Lower	Upper
82	100		
128	38.4	26.4	39.6
54	55.3	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028903.D
Acq: 23 Sep 2017 18:18

Tgt Ion	164	Resp	74644
Ion	Ratio	Lower	Upper
164	100		
162	97.9	85.1	127.7
160	46.7	34.7	52.1

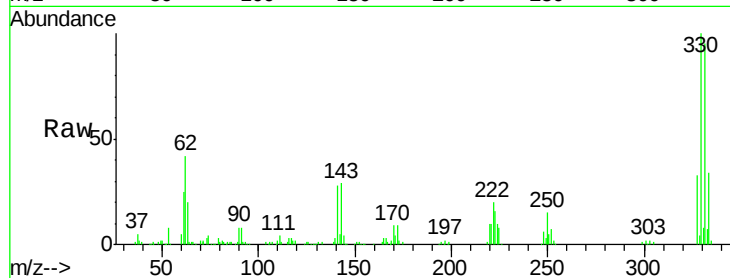




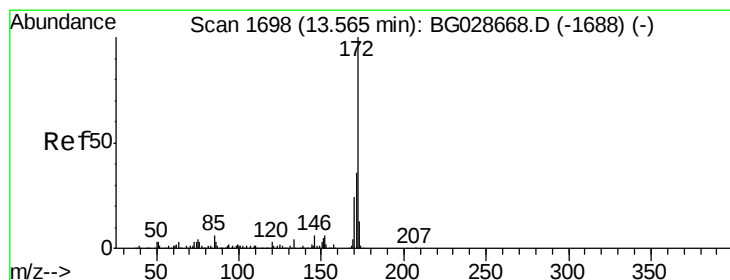
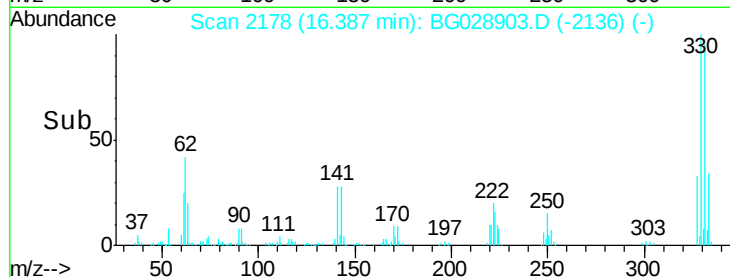
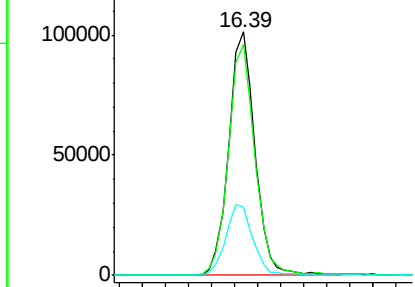
#41
 2,4,6-Tribromophenol
 Concen: 129.38 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028903.D
 Acq: 23 Sep 2017 18:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.3	115.9
141	30.4	32.1	48.1#

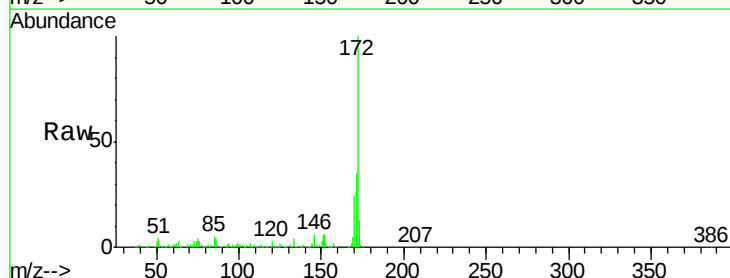


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

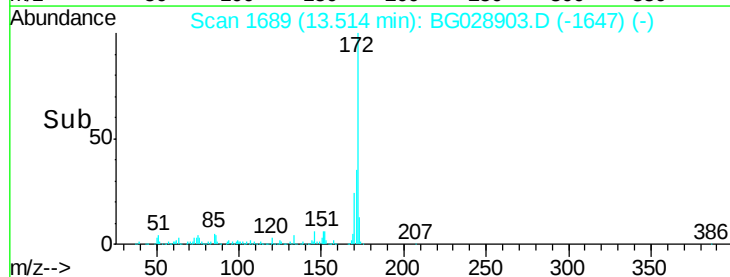
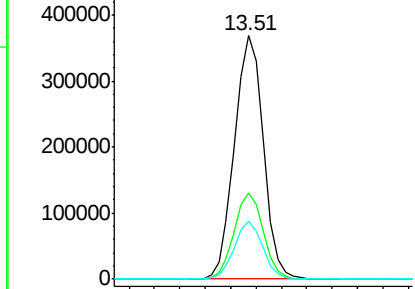


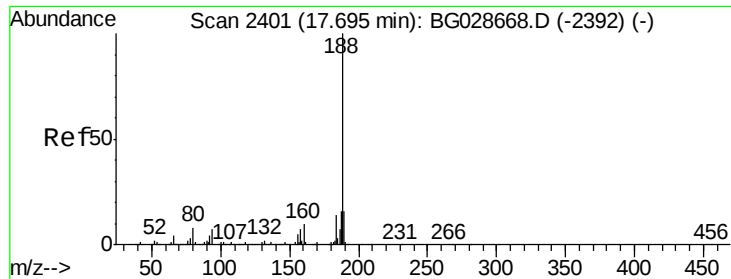
#44
 2-Fluorobiphenyl
 Concen: 103.67 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028903.D
 Acq: 23 Sep 2017 18:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	32.2	48.2
170	23.6	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

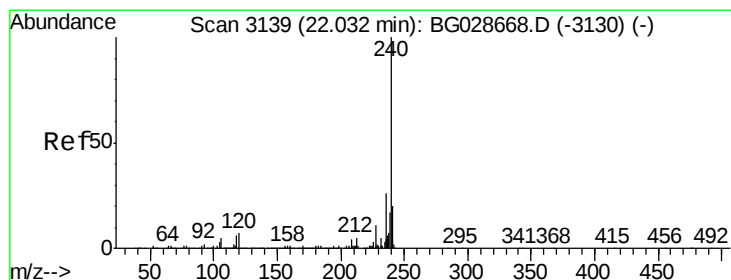
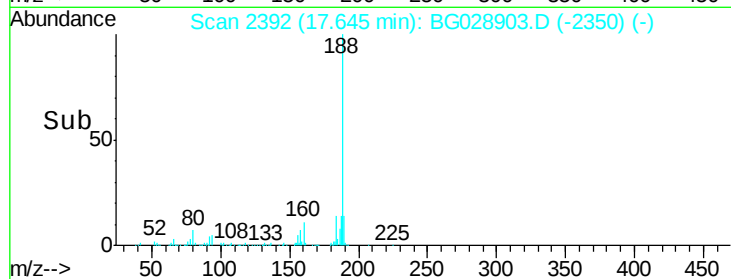
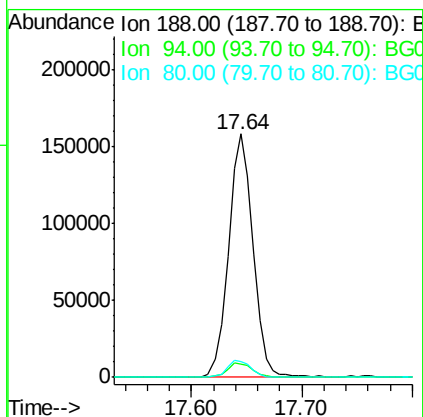
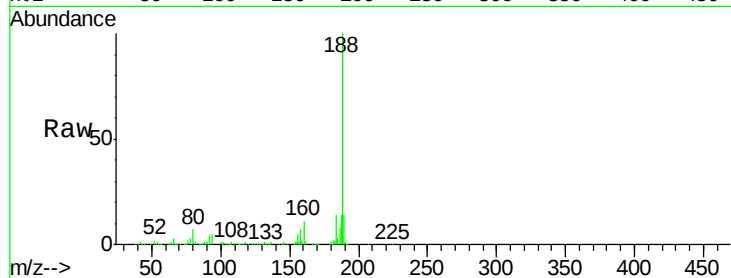




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.64 min Scan# 2392
Delta R.T. -0.05 min
Lab File: BG028903.D
Acq: 23 Sep 2017 18:18

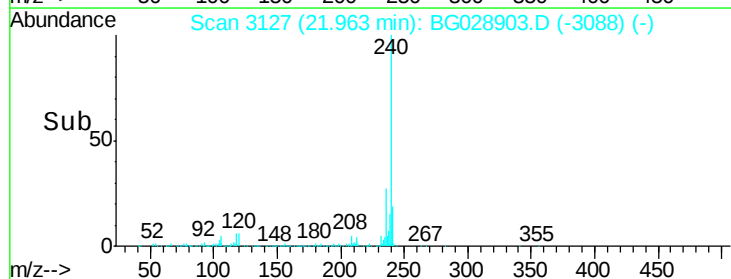
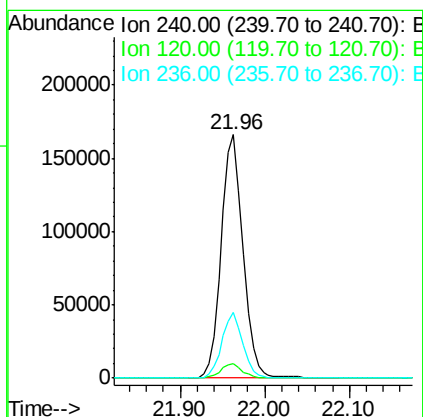
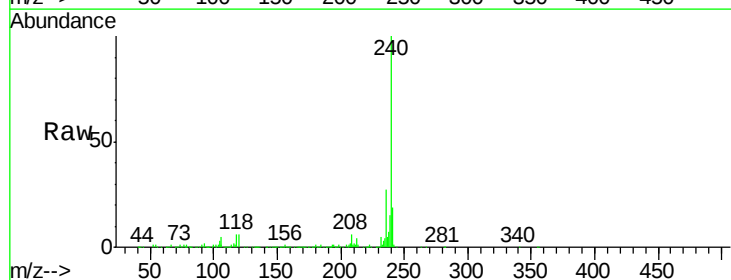
Instrument :
BNA_G
ClientSampleId :

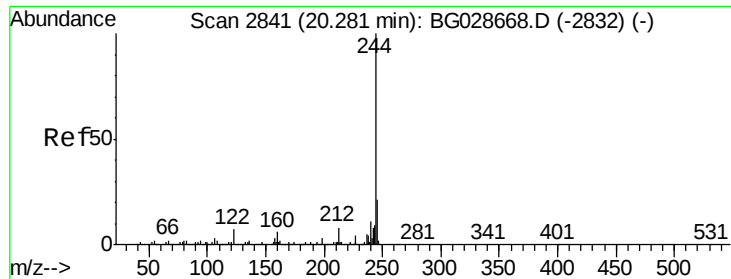
Tot Ion:188 Resp: 245588
Ion Ratio Lower Upper
188 100
94 5.5 5.8 8.8#
80 6.7 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.96 min Scan# 3127
Delta R.T. -0.07 min
Lab File: BG028903.D
Acq: 23 Sep 2017 18:18

Tgt Ion:240 Resp: 297307
Ion Ratio Lower Upper
240 100
120 6.0 5.7 8.5
236 26.8 22.2 33.4





#78

Terphenyl-d14

Concen: 98.04 ng

RT: 20.24 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028903.D

Acq: 23 Sep 2017 18:18

Instrument :

BNA_G

ClientSampled :

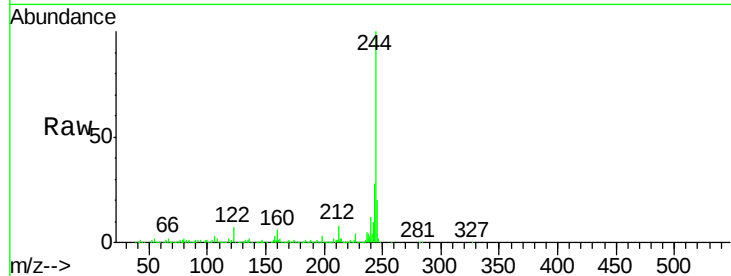
Tot Ion:244 Resp: 1366734

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

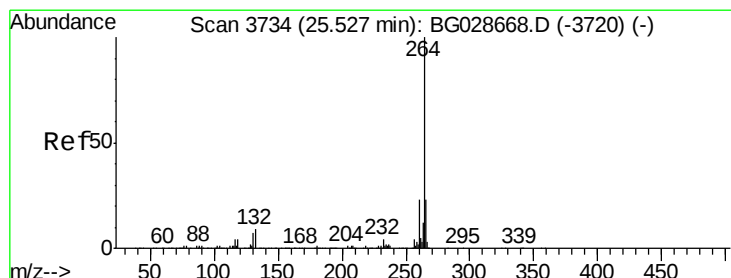
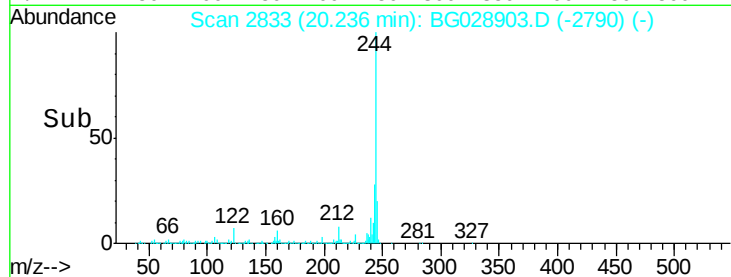
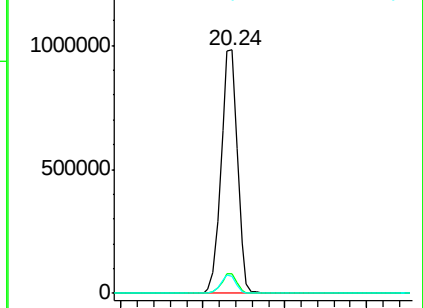
122 7.2 8.6 12.8#



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: 25.41 min Scan# 3714

Delta R.T. -0.12 min

Lab File: BG028903.D

Acq: 23 Sep 2017 18:18

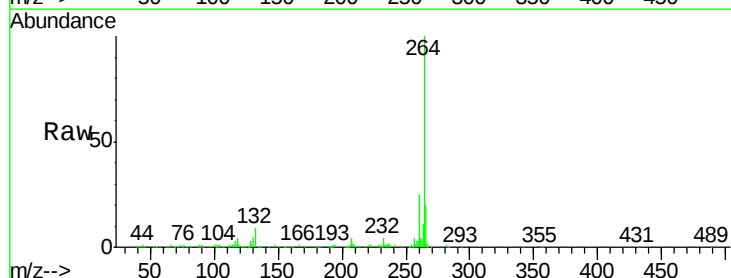
Tgt Ion:264 Resp: 307493

Ion Ratio Lower Upper

264 100

260 25.2 21.8 32.8

265 19.9 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

