

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
 Data File : BG028905.D
 Acq On : 23 Sep 2017 19:38
 Operator : SJ/JU
 Sample : I5297-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091517-TIDO-E-D-M

Quant Time: Sep 25 01:01:02 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

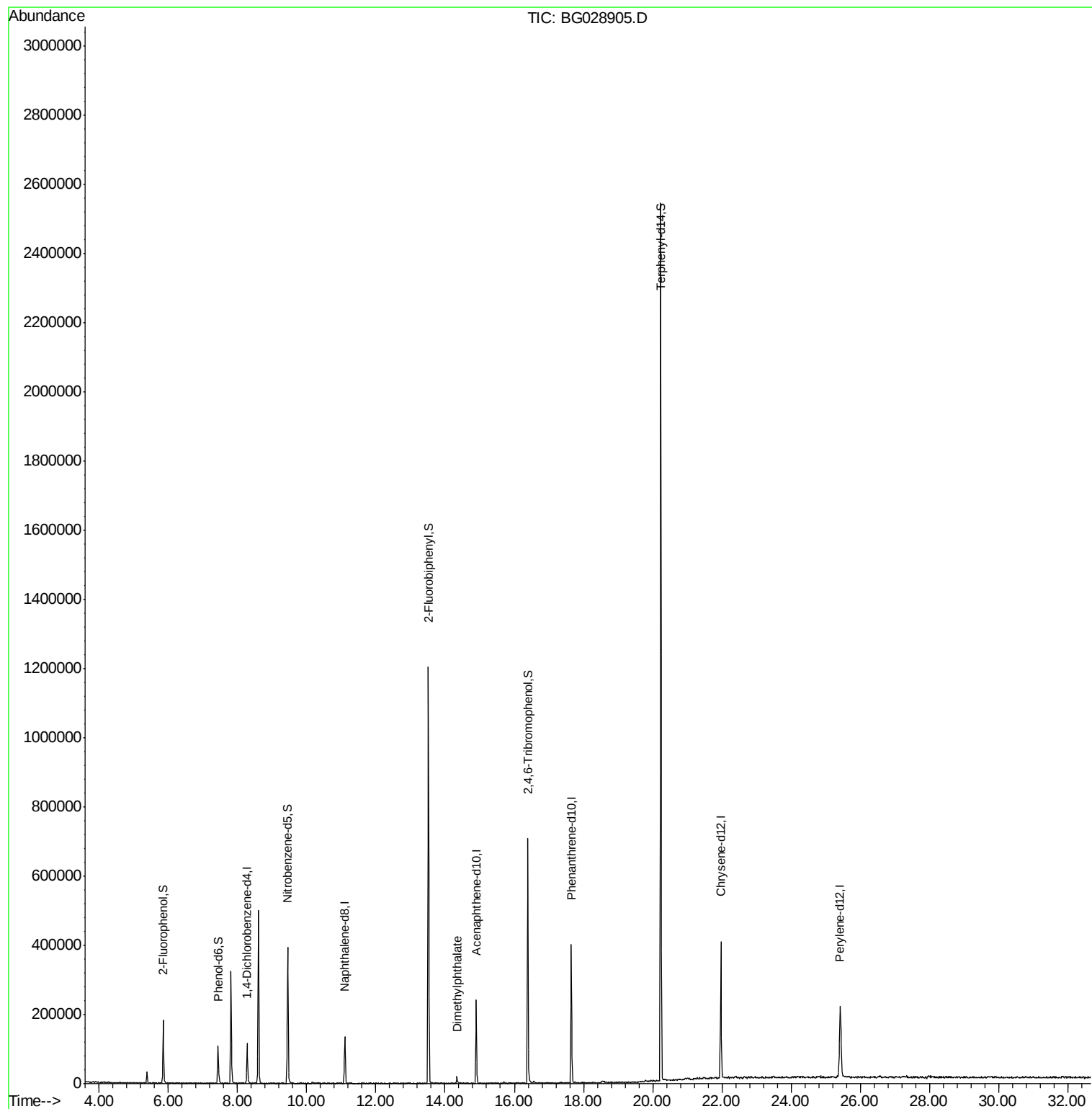
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	31762	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	120328	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	86410	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	252872	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	276765	20.00	ng	-0.06
86) Perylene-d12	25.42	264	269316	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	81507	42.34	ng	-0.05
7) Phenol-d6	7.44	99	67980	23.46	ng	-0.05
23) Nitrobenzene-d5	9.45	82	250555	99.61	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	153633	107.50	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	664350	102.52	ng	-0.05
78) Terphenyl-d14	20.24	244	1189676	91.67	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	14.34	163	16321	2.252	ng	96

(#) = 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: BG028905.D

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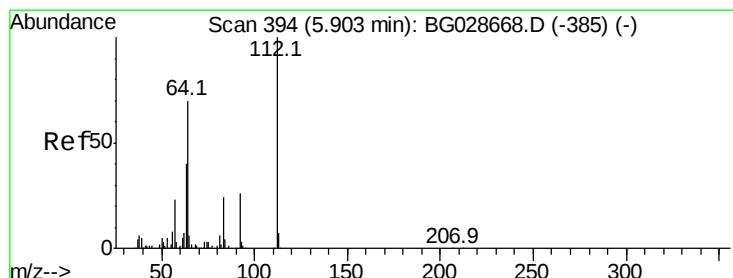
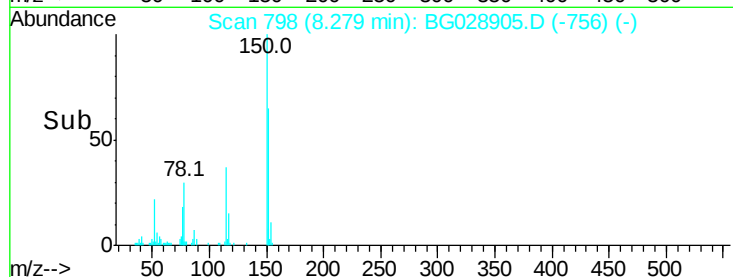
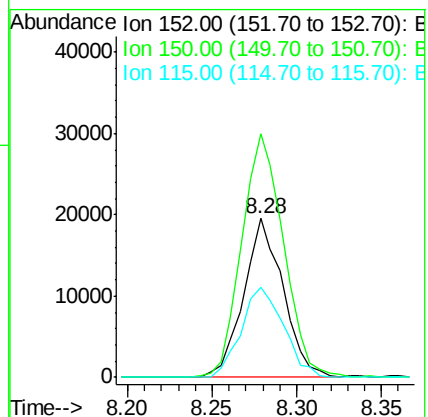
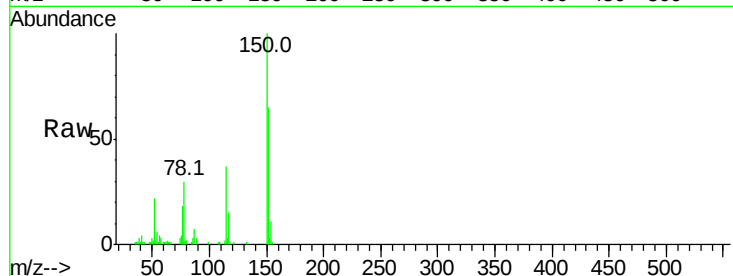
Tot Ion:152 Resp: 31762

Ion Ratio Lower Upper

152 100

150 153.4 114.0 171.0

115 56.4 48.1 72.1



#5

2-Fluorophenol

Concen: 42.343 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028905.D

Acq: 23 Sep 2017 19:38

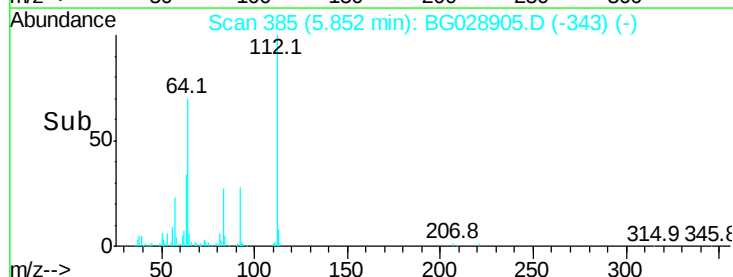
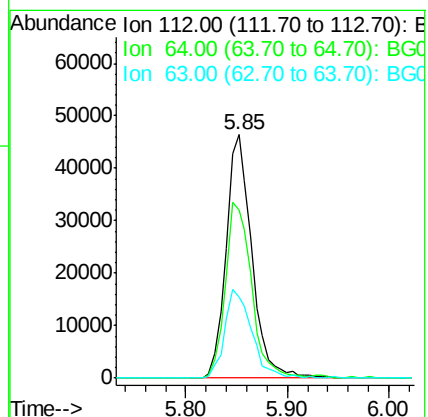
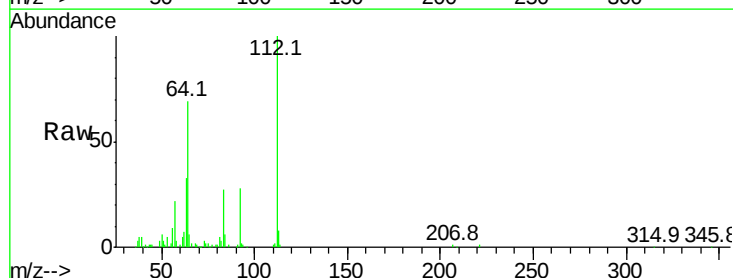
Tgt Ion:112 Resp: 81507

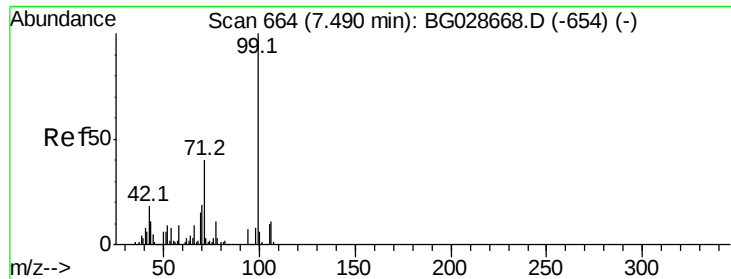
Ion Ratio Lower Upper

112 100

64 69.3 61.8 92.6

63 33.1 37.2 55.8#





#7

Phenol-d6

Concen: 23.456 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028905.D

Acq: 23 Sep 2017 19:38

Instrument :

BNA_G

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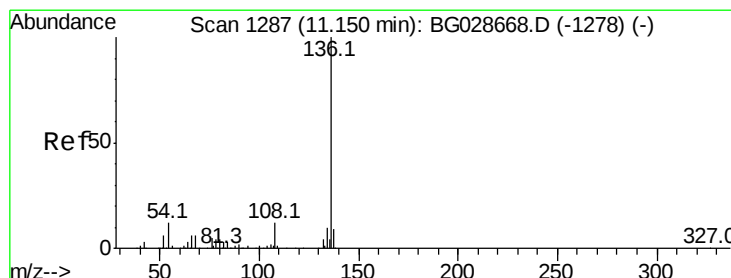
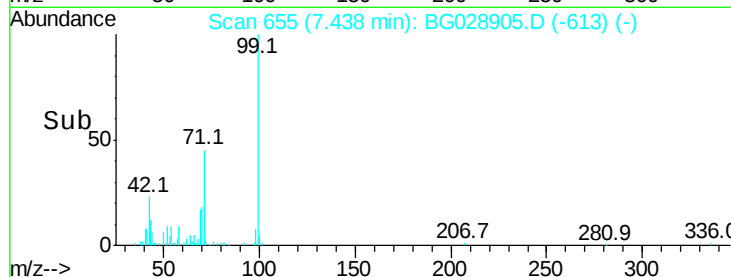
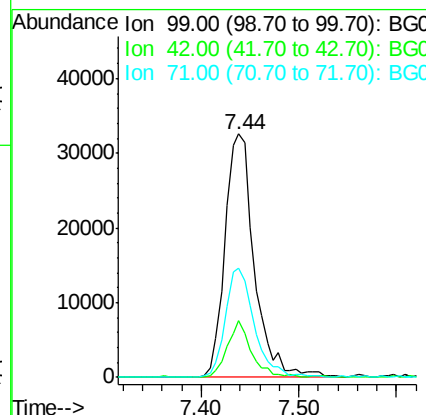
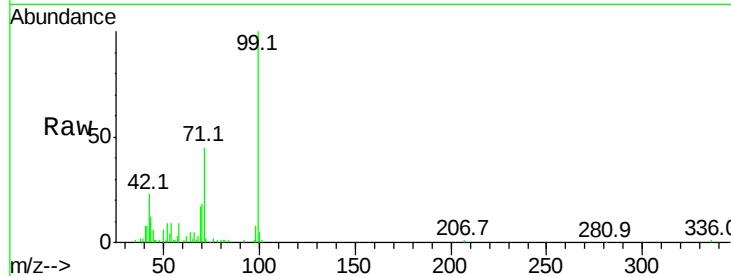
Tot Ion: 99 Resp: 67980

Ion Ratio Lower Upper

99 100

42 23.2 20.5 30.7

71 44.8 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.10 min Scan# 1279

Delta R.T. -0.05 min

Lab File: BG028905.D

Acq: 23 Sep 2017 19:38

Tgt Ion: 136 Resp: 120328

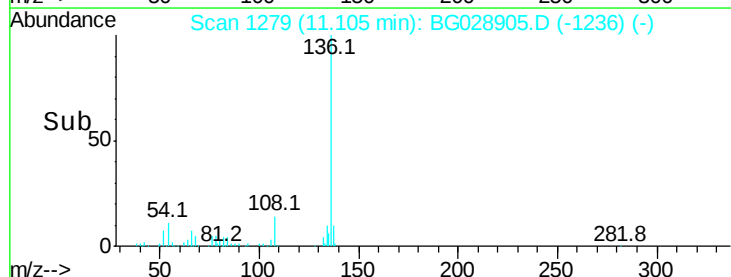
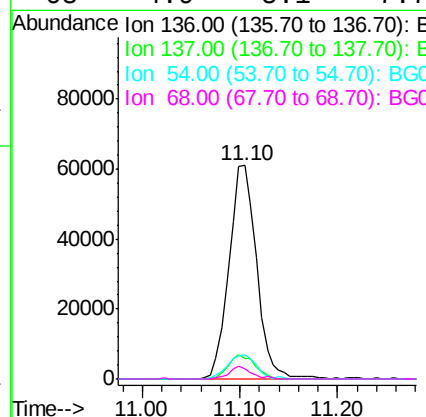
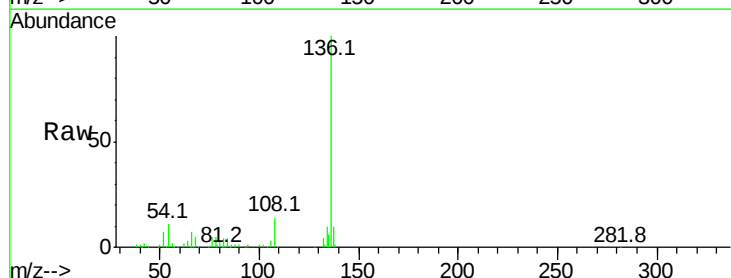
Ion Ratio Lower Upper

136 100

137 9.9 8.9 13.3

54 11.3 9.3 13.9

68 4.9 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 99.610 ng

RT: 9.45 min Scan# 998

Delta R.T. -0.05 min

Lab File: BG028905.D

Acq: 23 Sep 2017 19:38

Instrument :

BNA_G

ClientSampleId :

091517-TIDO-E-D-M

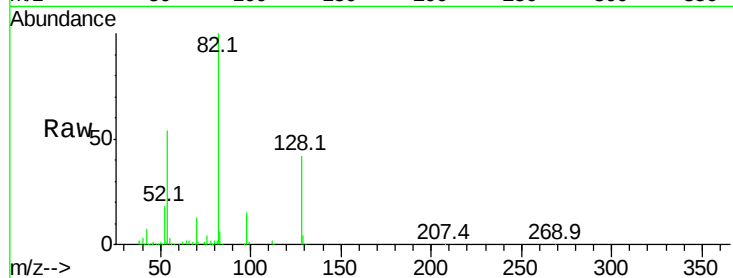
Tot Ion: 82 Resp: 250555

Ion Ratio Lower Upper

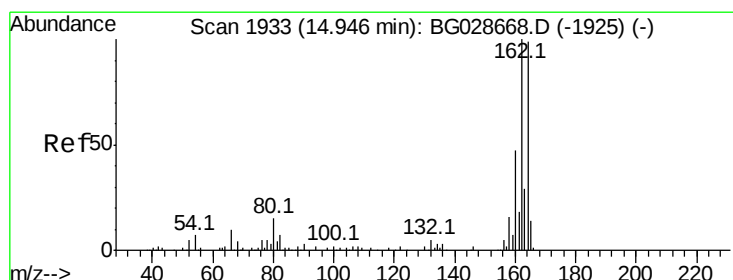
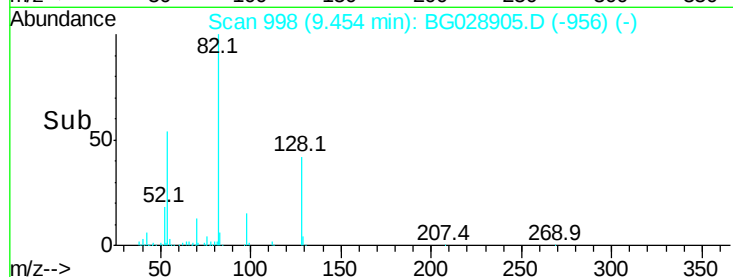
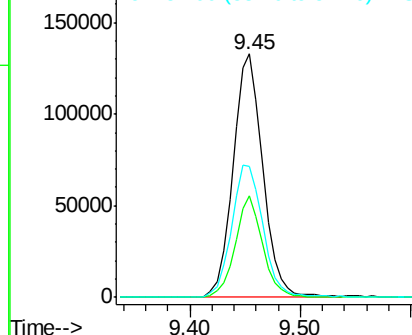
82 100

128 41.6 26.4 39.6#

54 54.0 49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.90 min Scan# 1925

Delta R.T. -0.05 min

Lab File: BG028905.D

Acq: 23 Sep 2017 19:38

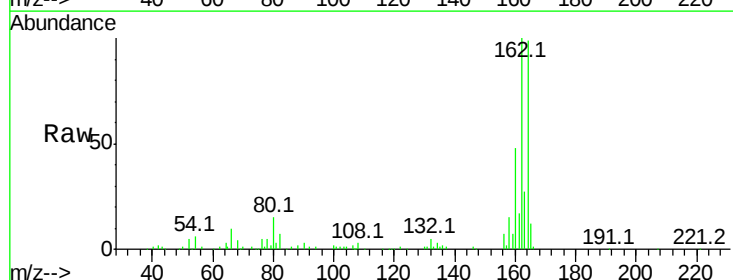
Tgt Ion: 164 Resp: 86410

Ion Ratio Lower Upper

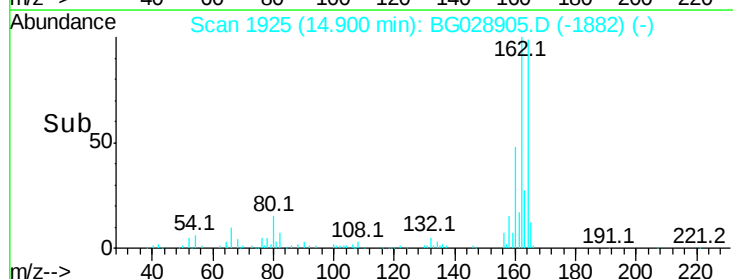
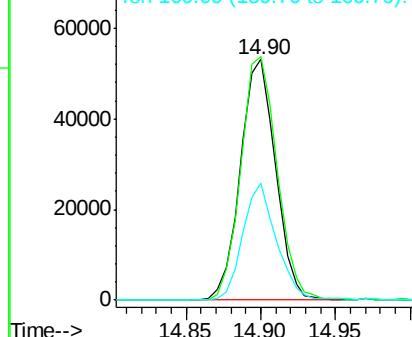
164 100

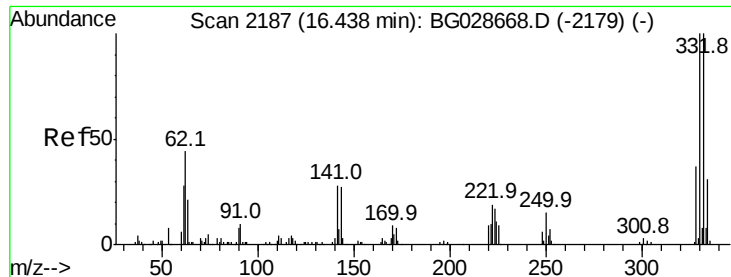
162 101.2 85.1 127.7

160 48.6 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

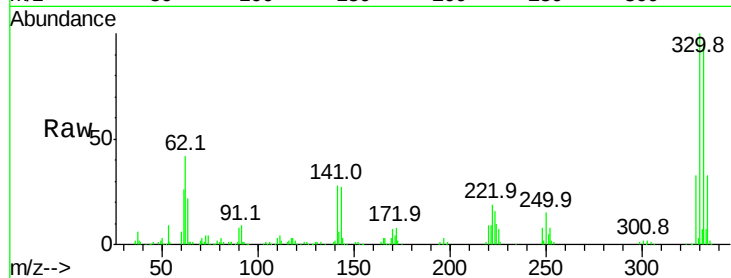




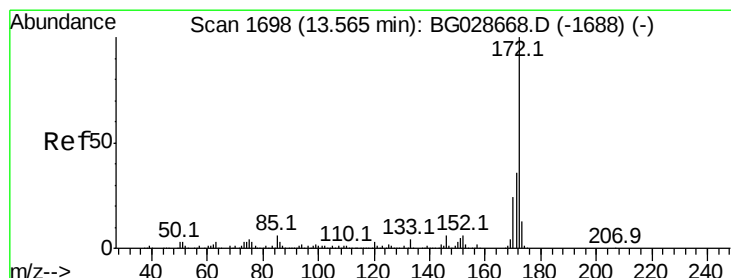
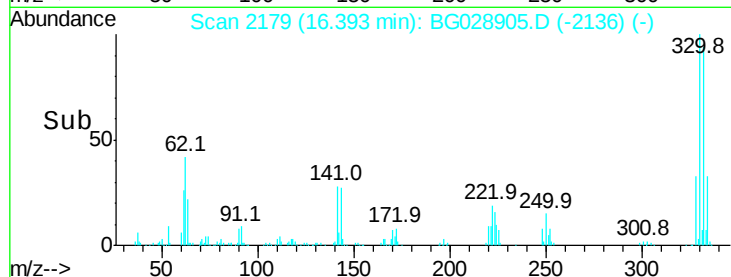
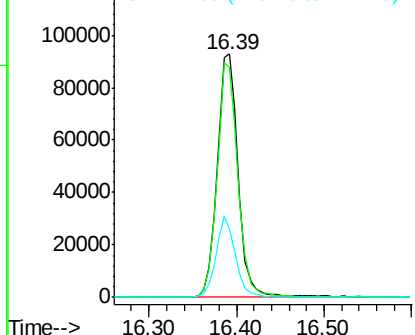
#41
 2,4,6-Tribromophenol
 Concen: 107.498 ng
 RT: 16.39 min Scan# 2179
 Delta R.T. -0.05 min
 Lab File: BG028905.D
 Acq: 23 Sep 2017 19:38

Instrument :
 BNA_G
 ClientSampleId :
 091517-TIDO-E-D-M

Tot Ion:330 Resp: 153633
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.3 115.9
 141 31.0 32.1 48.1#

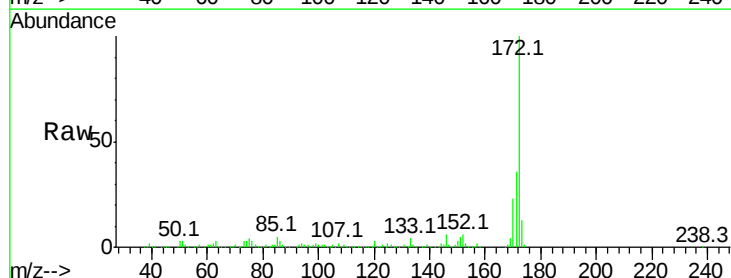


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

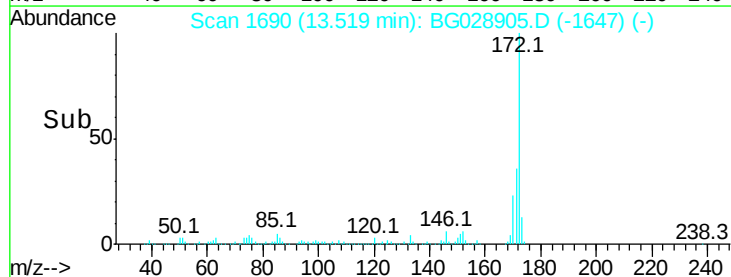
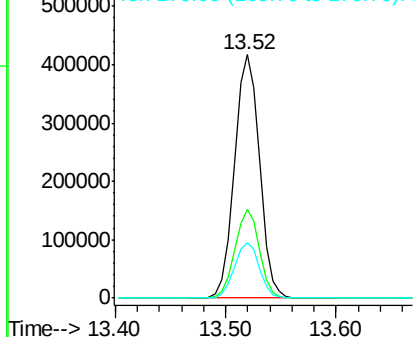


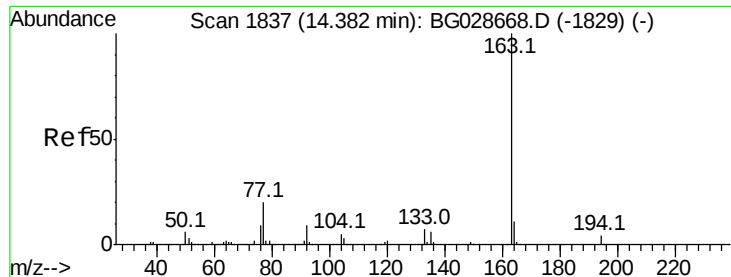
#44
 2-Fluorobiphenyl
 Concen: 102.518 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028905.D
 Acq: 23 Sep 2017 19:38

Tgt Ion:172 Resp: 664350
 Ion Ratio Lower Upper
 172 100
 171 36.3 32.2 48.2
 170 23.0 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





#49

Dimethylphthalate

Concen: 2.252 ng

RT: 14.34 min Scan# 1830

Delta R.T. -0.04 min

Lab File: BG028905.D

Acq: 23 Sep 2017 19:38

Instrument :

BNA_G

ClientSampleId :

091517-TIDO-E-D-M

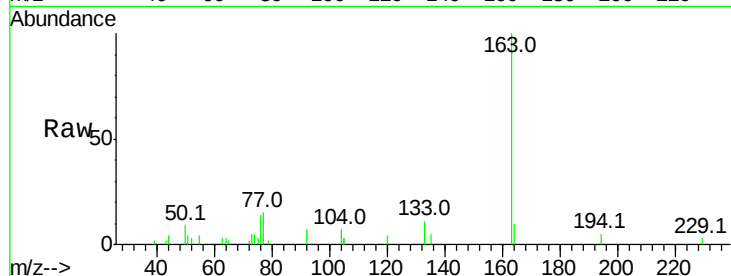
Tot Ion:163 Resp: 16321

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.6

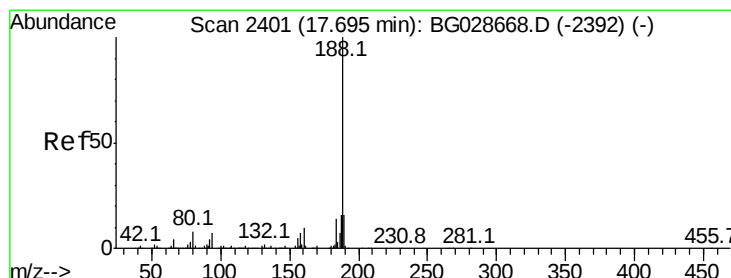
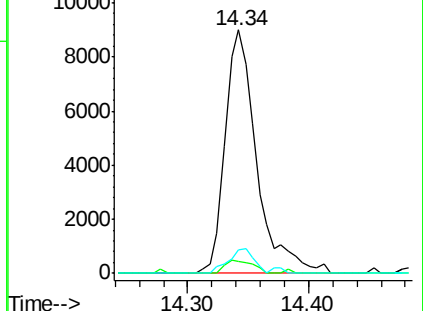
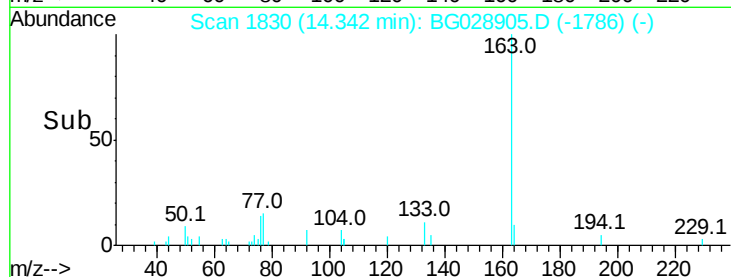
164 9.6 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.65 min Scan# 2393

Delta R.T. -0.05 min

Lab File: BG028905.D

Acq: 23 Sep 2017 19:38

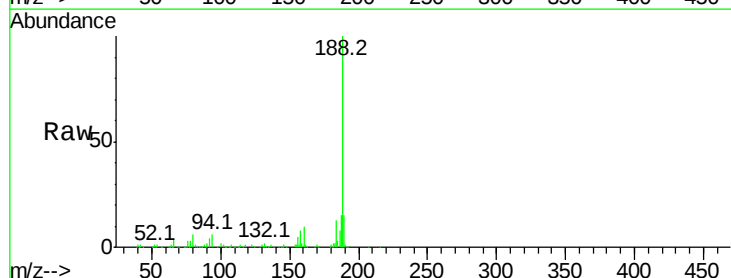
Tgt Ion:188 Resp: 252872

Ion Ratio Lower Upper

188 100

94 5.8 5.8 8.8#

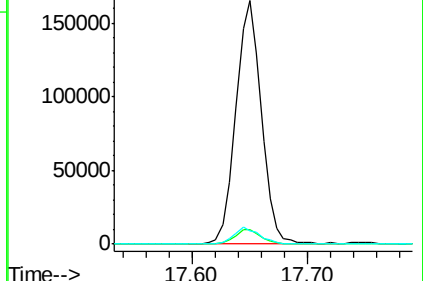
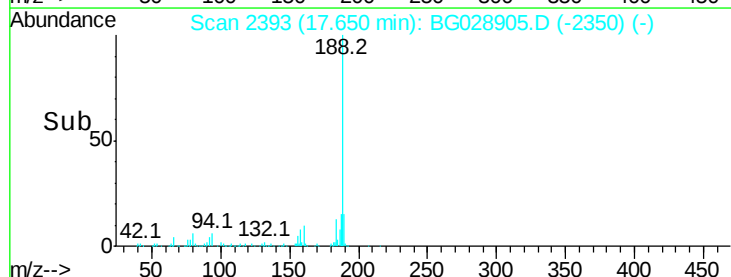
80 5.7 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.06 min

Lab File: BG028905.D

Acq: 23 Sep 2017 19:38

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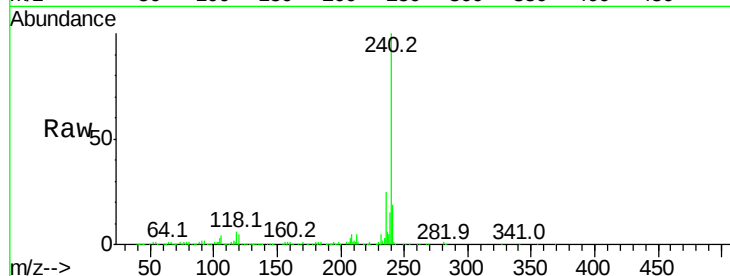
Tot Ion:240 Resp: 276765

Ion Ratio Lower Upper

240 100

120 4.9 5.7 8.5#

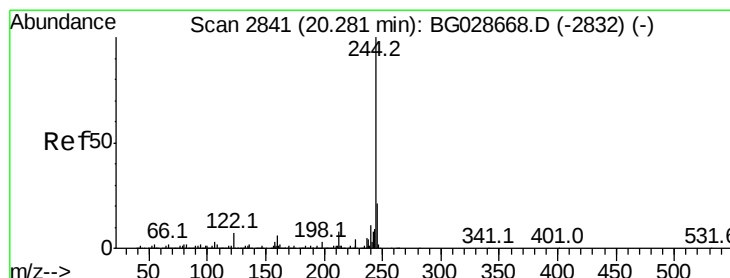
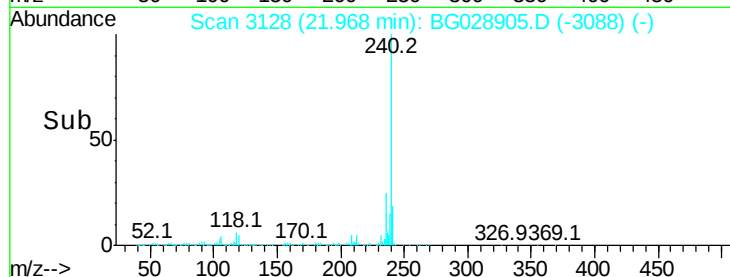
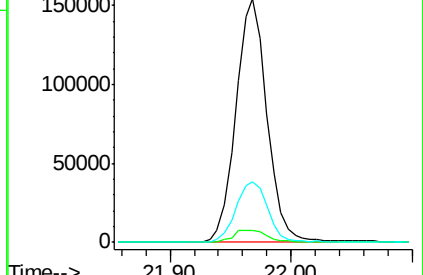
236 25.0 22.2 33.4



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: 91.668 ng

RT: 20.24 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028905.D

Acq: 23 Sep 2017 19:38

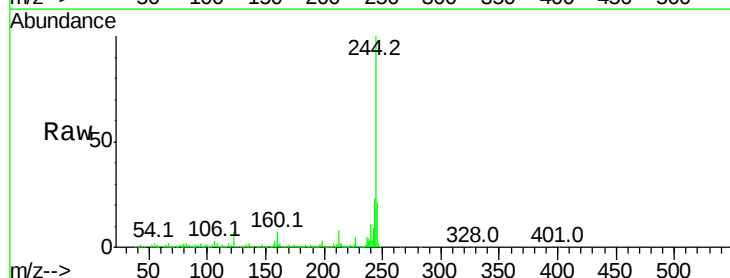
Tgt Ion:244 Resp: 1189676

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

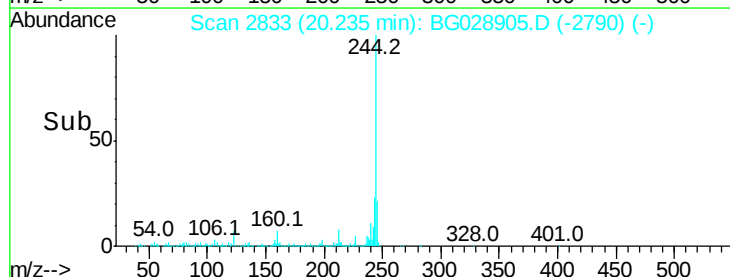
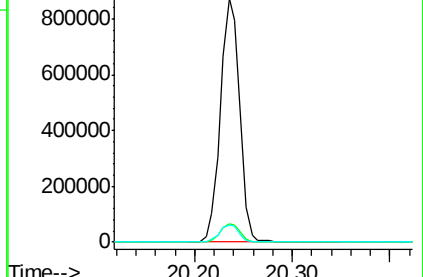
122 7.3 8.6 12.8#

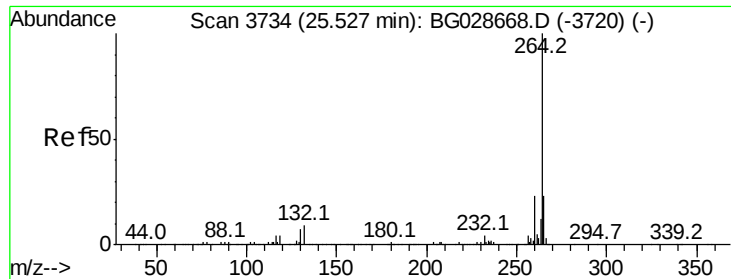


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.42 min Scan# 3715
Delta R.T. -0.11 min
Lab File: BG028905.D
Acq: 23 Sep 2017 19:38

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	21.8	32.8#
265	19.7	18.2	27.4

