

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
 Data File : BG028988.D
 Acq On : 30 Sep 2017 20:45
 Operator : SJ/JU
 Sample : I5457-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-3_092717

Quant Time: Oct 01 02:39:17 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 01 02:30:17 2017
 Response via : Initial Calibration

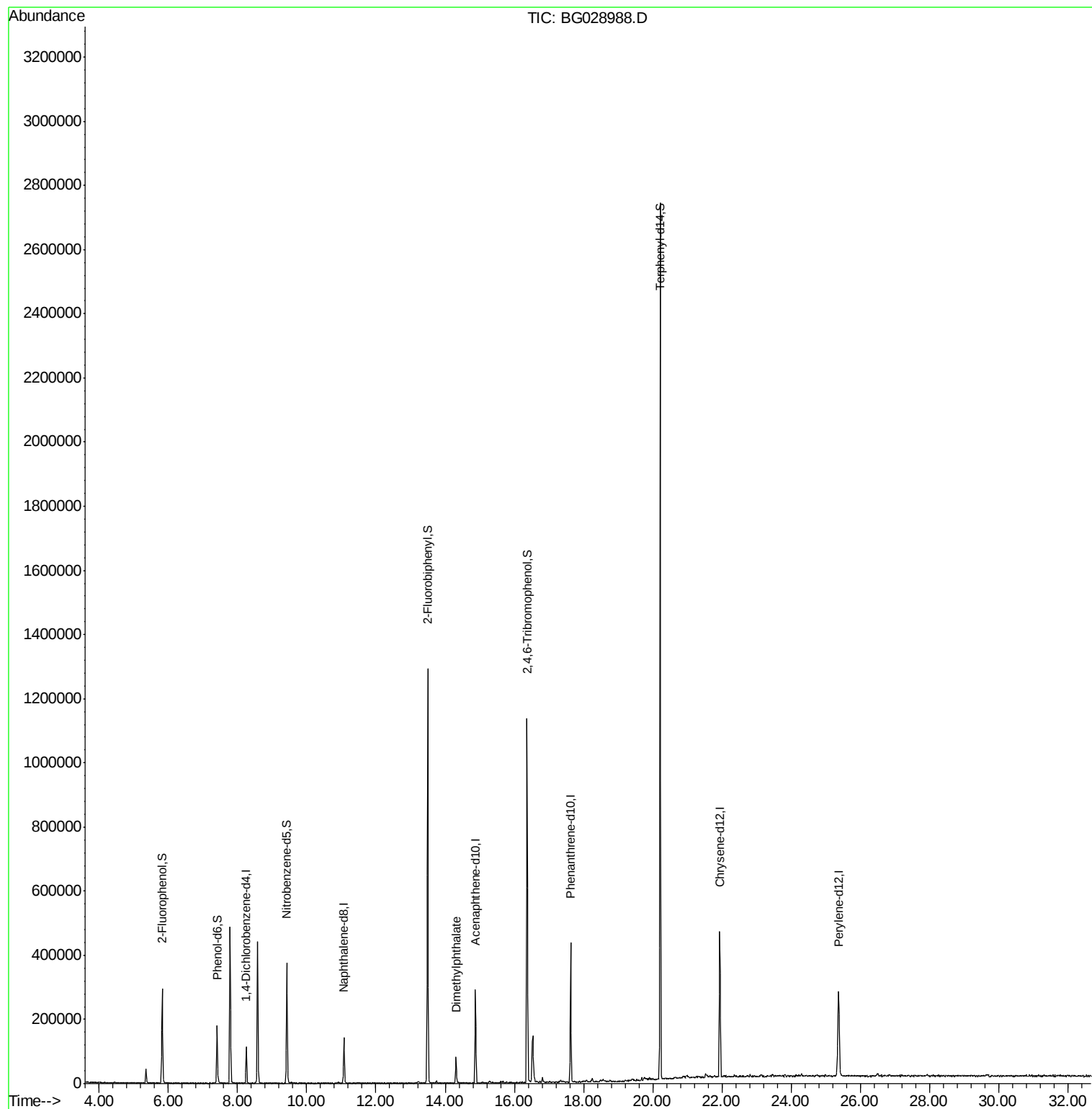
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	31829	20.00	ng	0.00
21) Naphthalene-d8	11.07	136	129970	20.00	ng	0.00
38) Acenaphthene-d10	14.87	164	103022	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	278758	20.00	ng	0.00
75) Chrysene-d12	21.94	240	314863	20.00	ng	-0.01
86) Perylene-d12	25.37	264	335350	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	127113	65.90	ng	0.00
7) Phenol-d6	7.41	99	111303	38.32	ng	0.00
23) Nitrobenzene-d5	9.42	82	245301	90.29	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	246678	144.77	ng	0.00
44) 2-Fluorobiphenyl	13.49	172	684241	88.56	ng	0.00
78) Terphenyl-d14	20.22	244	1264258	85.63	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.32	163	54555	6.315	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.25 min Scan# 794

Delta R.T. -0.00 min

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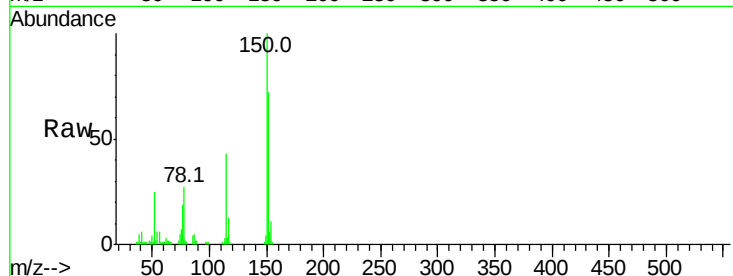
Tot Ion:152 Resp: 31829

Ion Ratio Lower Upper

152 100

150 138.8 114.0 171.0

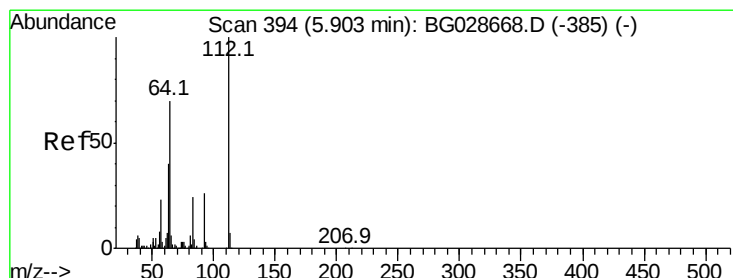
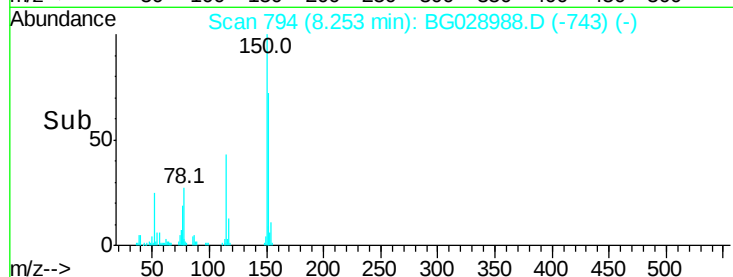
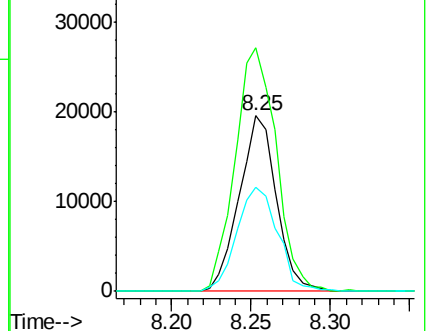
115 59.2 48.1 72.1



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: 65.897 ng

RT: 5.82 min Scan# 380

Delta R.T. -0.00 min

Lab File: BG028988.D

Acq: 30 Sep 2017 20:45

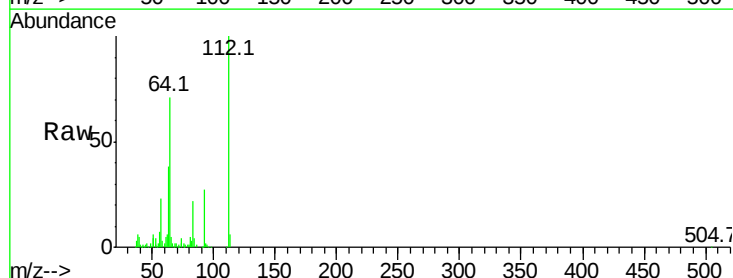
Tgt Ion:112 Resp: 127113

Ion Ratio Lower Upper

112 100

64 70.9 61.8 92.6

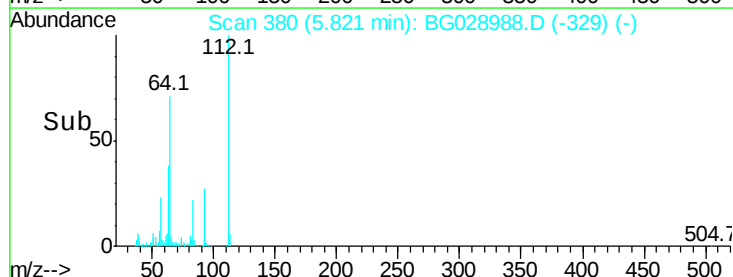
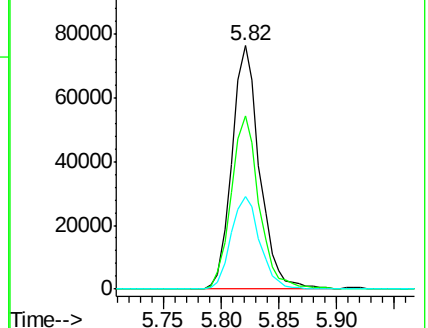
63 38.1 37.2 55.8

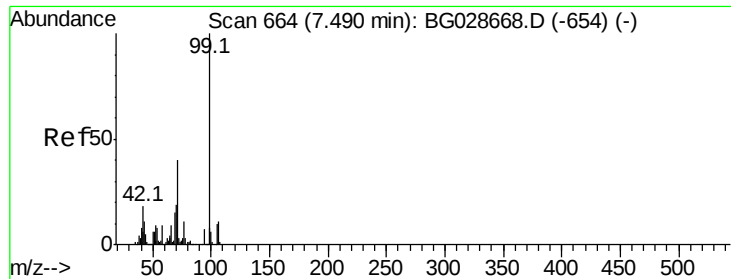


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.323 ng

RT: 7.41 min Scan# 650

Delta R.T. -0.01 min

Lab File: BG028988.D

Acq: 30 Sep 2017 20:45

Instrument :

BNA_G

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TW-3_092717

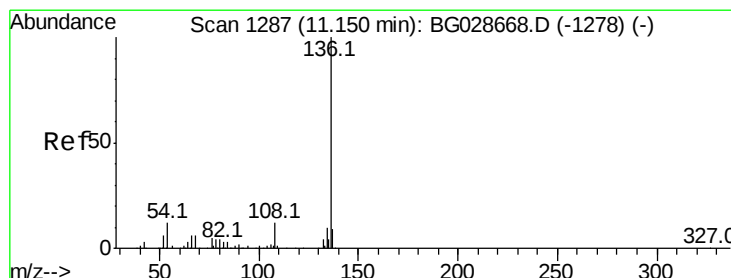
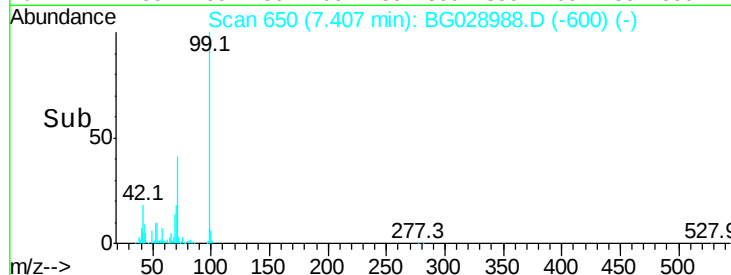
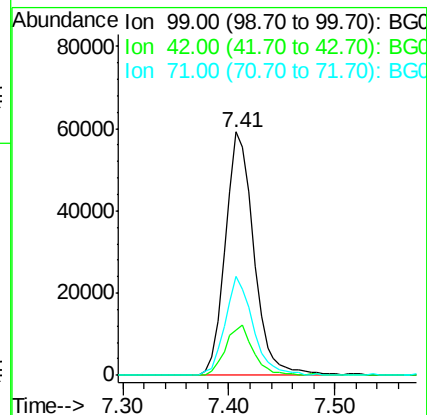
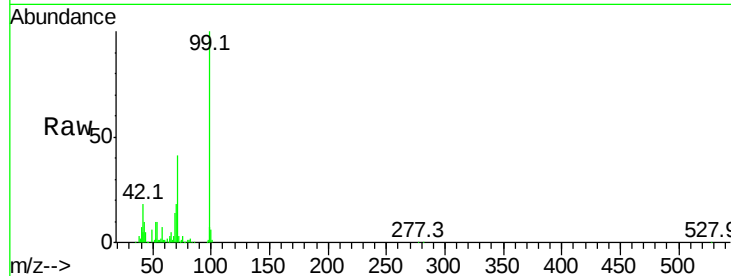
Tot Ion: 99 Resp: 111303

Ion Ratio Lower Upper

99 100

42 18.5 20.5 30.7#

71 40.8 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.07 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BG028988.D

Acq: 30 Sep 2017 20:45

Tgt Ion: 136 Resp: 129970

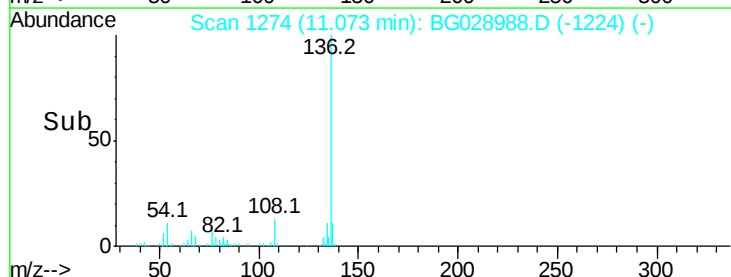
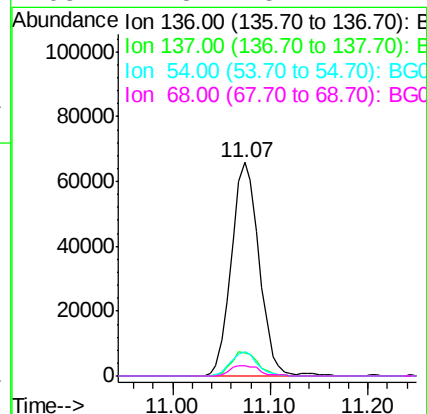
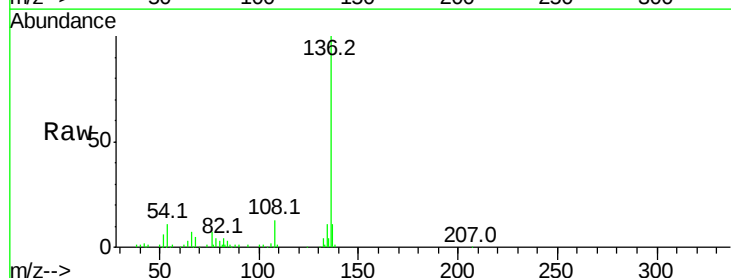
Ion Ratio Lower Upper

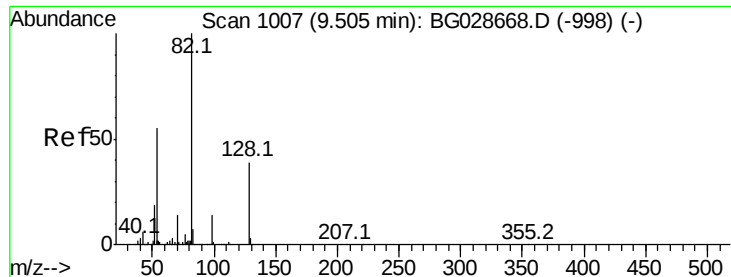
136 100

137 10.8 8.9 13.3

54 11.4 9.3 13.9

68 4.8 5.1 7.7#

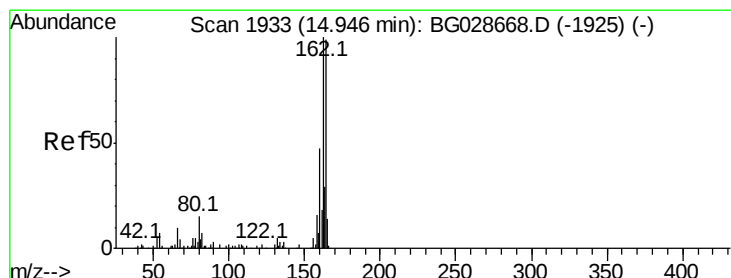
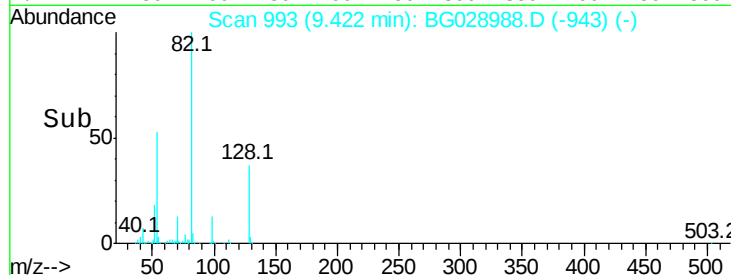
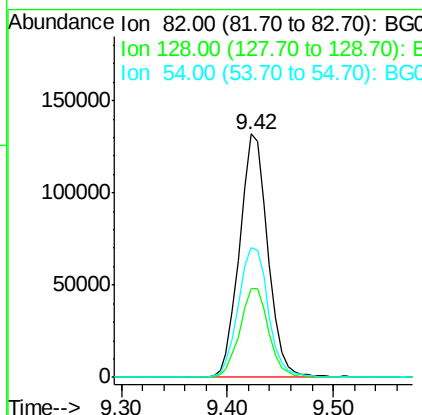
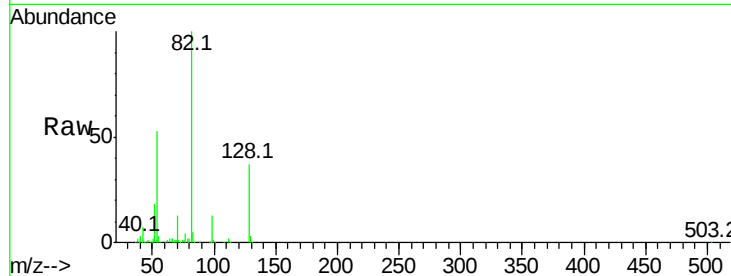




#23
 Nitrobenzene-d5
 Concen: 90.287 ng
 RT: 9.42 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BG028988.D
 Acq: 30 Sep 2017 20:45

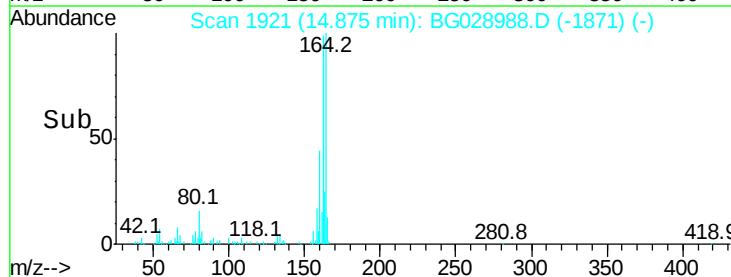
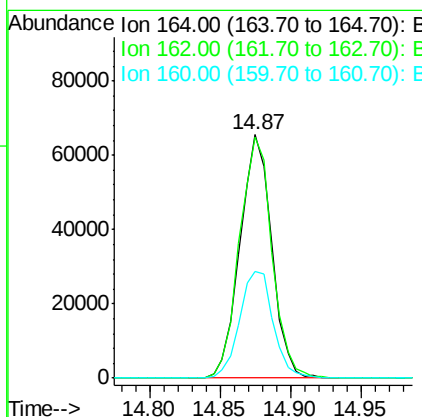
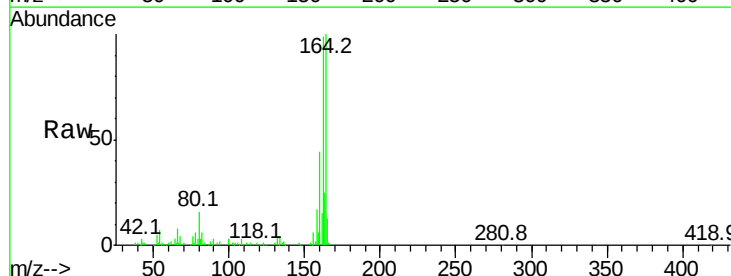
Instrument :
 BNA_G
 ClientSampleId :
 TW-3_092717

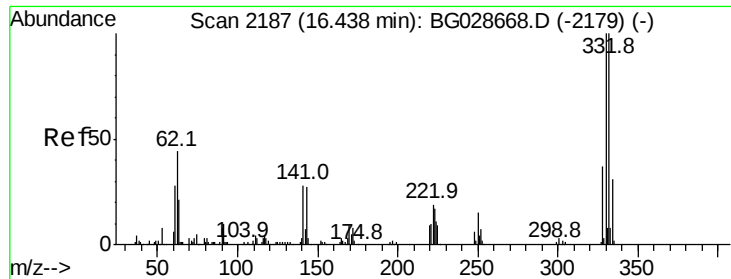
Tot Ion: 82 Resp: 245301
 Ion Ratio Lower Upper
 82 100
 128 36.6 26.4 39.6
 54 53.4 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.87 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG028988.D
 Acq: 30 Sep 2017 20:45

Tgt Ion: 164 Resp: 103022
 Ion Ratio Lower Upper
 164 100
 162 98.8 85.1 127.7
 160 43.6 34.7 52.1

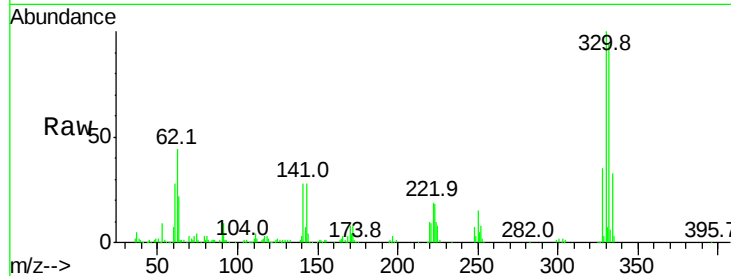




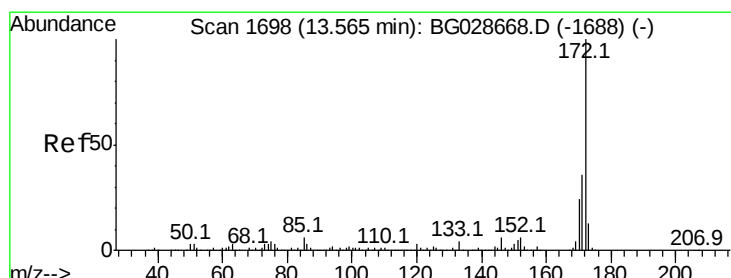
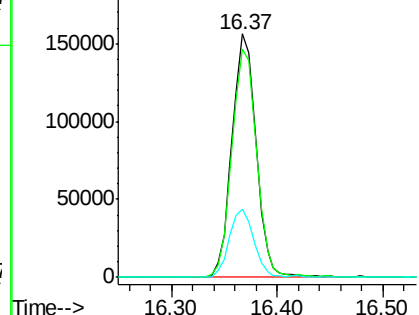
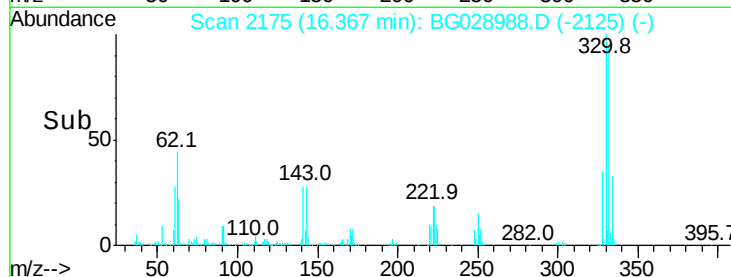
#41
 2,4,6-Tribromophenol
 Concen: 144.771 ng
 RT: 16.37 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG028988.D
 Acq: 30 Sep 2017 20:45

Instrument :
 BNA_G
 ClientSampleId :
 TW-3_092717

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	28.7	32.1	48.1#

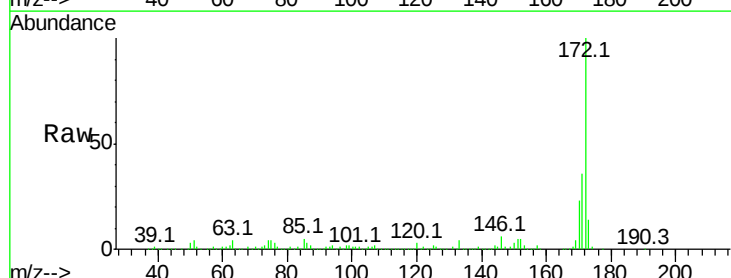


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

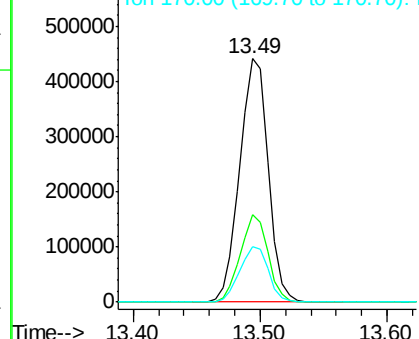
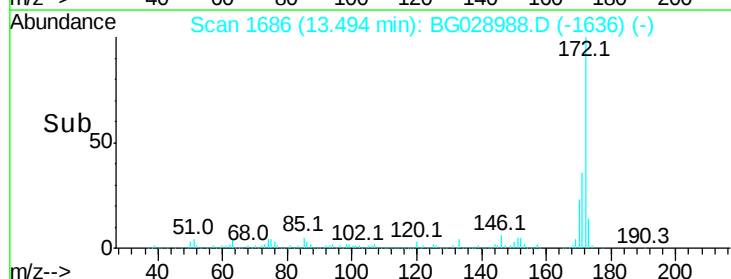


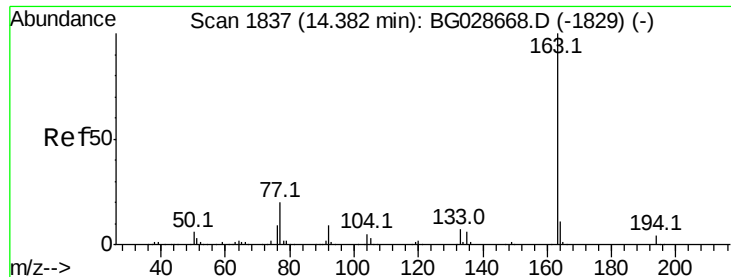
#44
 2-Fluorobiphenyl
 Concen: 88.562 ng
 RT: 13.49 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG028988.D
 Acq: 30 Sep 2017 20:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	32.2	48.2
170	22.9	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: 6.315 ng

RT: 14.32 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BG028988.D

Acq: 30 Sep 2017 20:45

Instrument :

BNA_G

ClientSampleId :

TW-3_092717

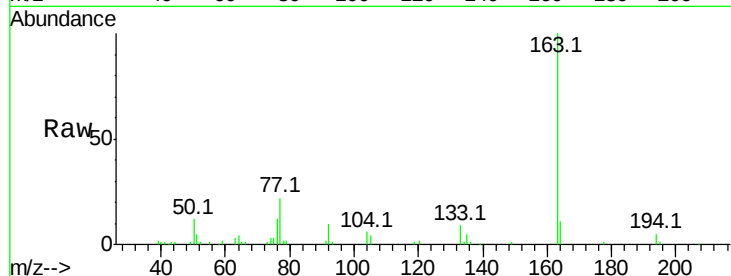
Tot Ion:163 Resp: 54555

Ion Ratio Lower Upper

163 100

194 5.3 3.8 5.6

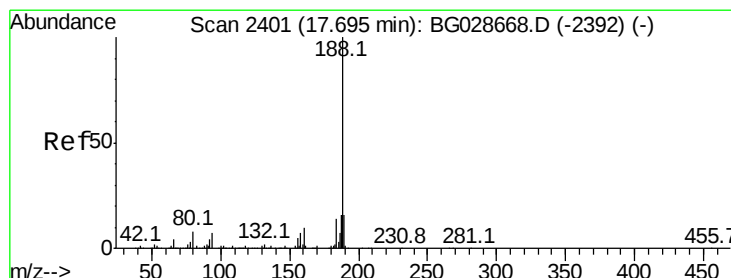
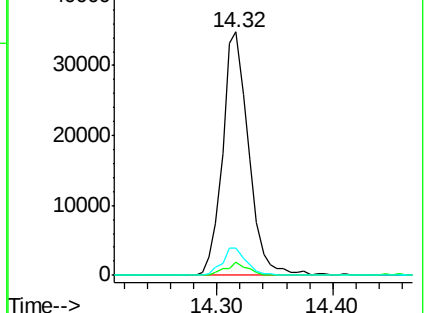
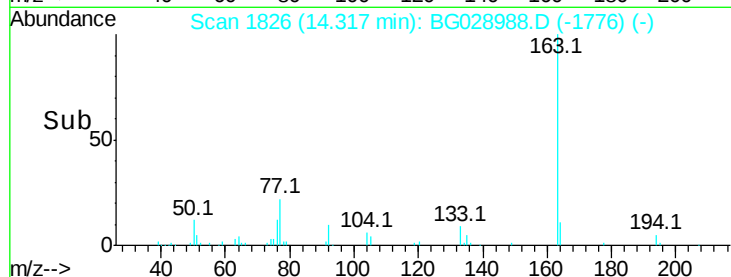
164 11.0 9.3 13.9



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: 17.62 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BG028988.D

Acq: 30 Sep 2017 20:45

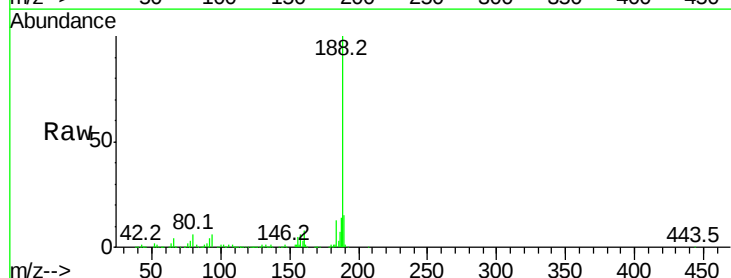
Tgt Ion:188 Resp: 278758

Ion Ratio Lower Upper

188 100

94 6.0 5.8 8.8

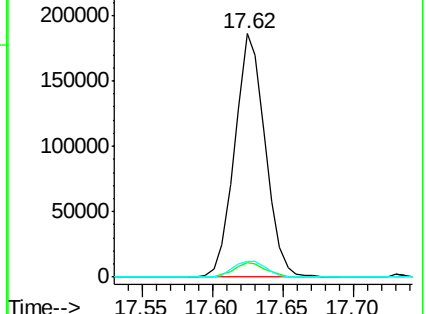
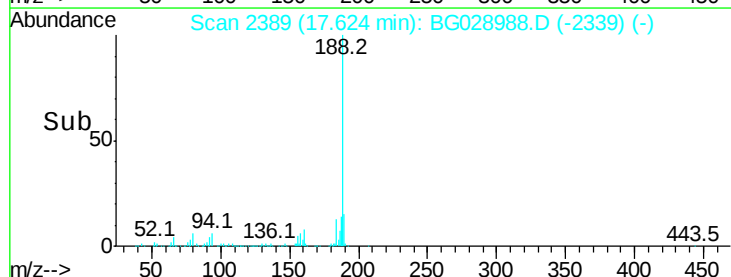
80 6.3 7.5 11.3#



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: 21.94 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BG028988.D

Acq: 30 Sep 2017 20:45

Instrument :

BNA_G

ClientSampleId :

TW-3_092717

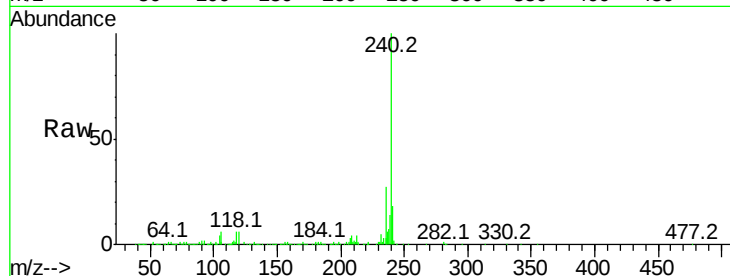
Tot Ion:240 Resp: 314863

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

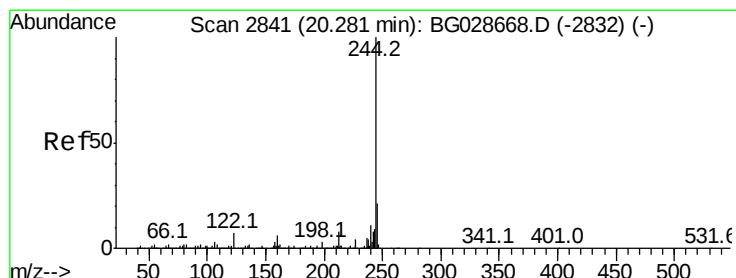
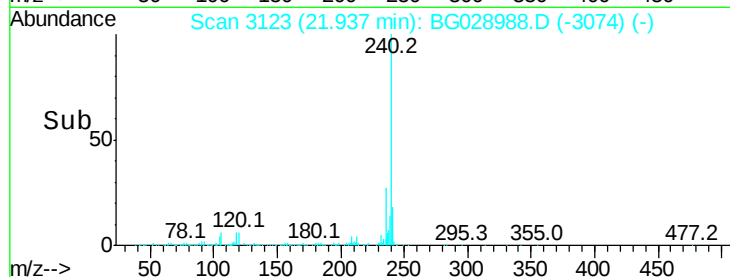
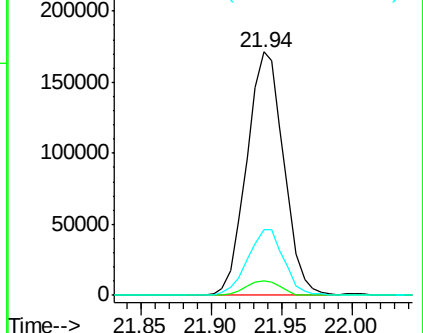
236 27.0 22.2 33.4



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: 85.628 ng

RT: 20.22 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG028988.D

Acq: 30 Sep 2017 20:45

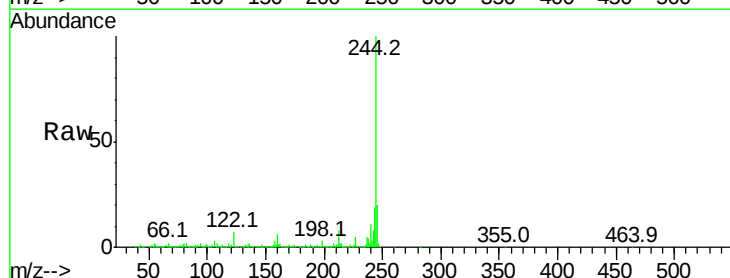
Tgt Ion:244 Resp: 1264258

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

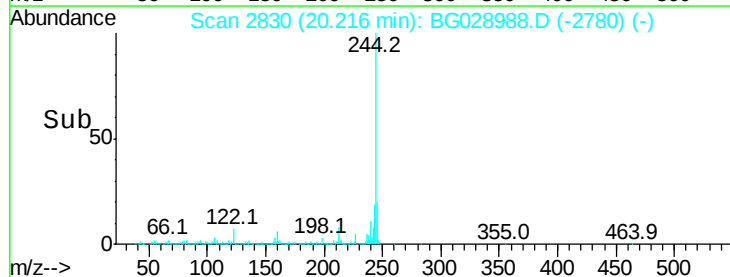
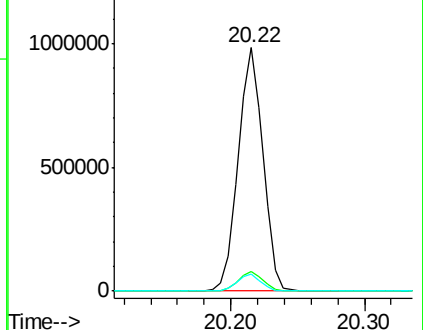
122 7.2 8.6 12.8#

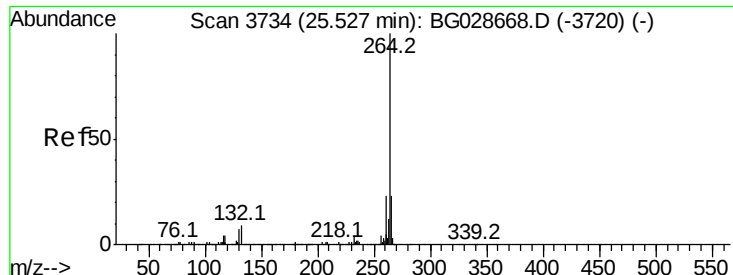


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

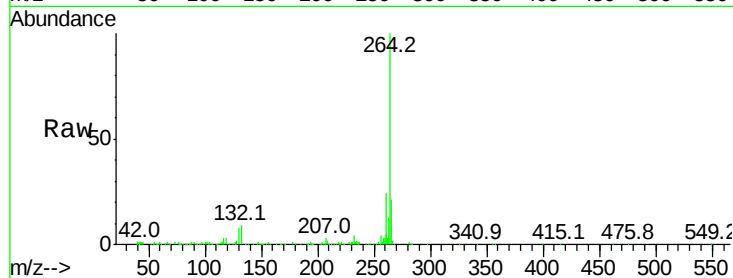




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.37 min Scan# 3707
 Delta R.T. -0.01 min
 Lab File: BG028988.D
 Acq: 30 Sep 2017 20:45

Instrument :
 BNA_G
 ClientSampleId :
 TW-3_092717

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.8	32.8
265	20.9	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

