

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028804.D
 Acq On : 18 Sep 2017 20:59
 Operator : SJ/JU
 Sample : I5259-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170600-COMP-A

Quant Time: Sep 19 01:12:38 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

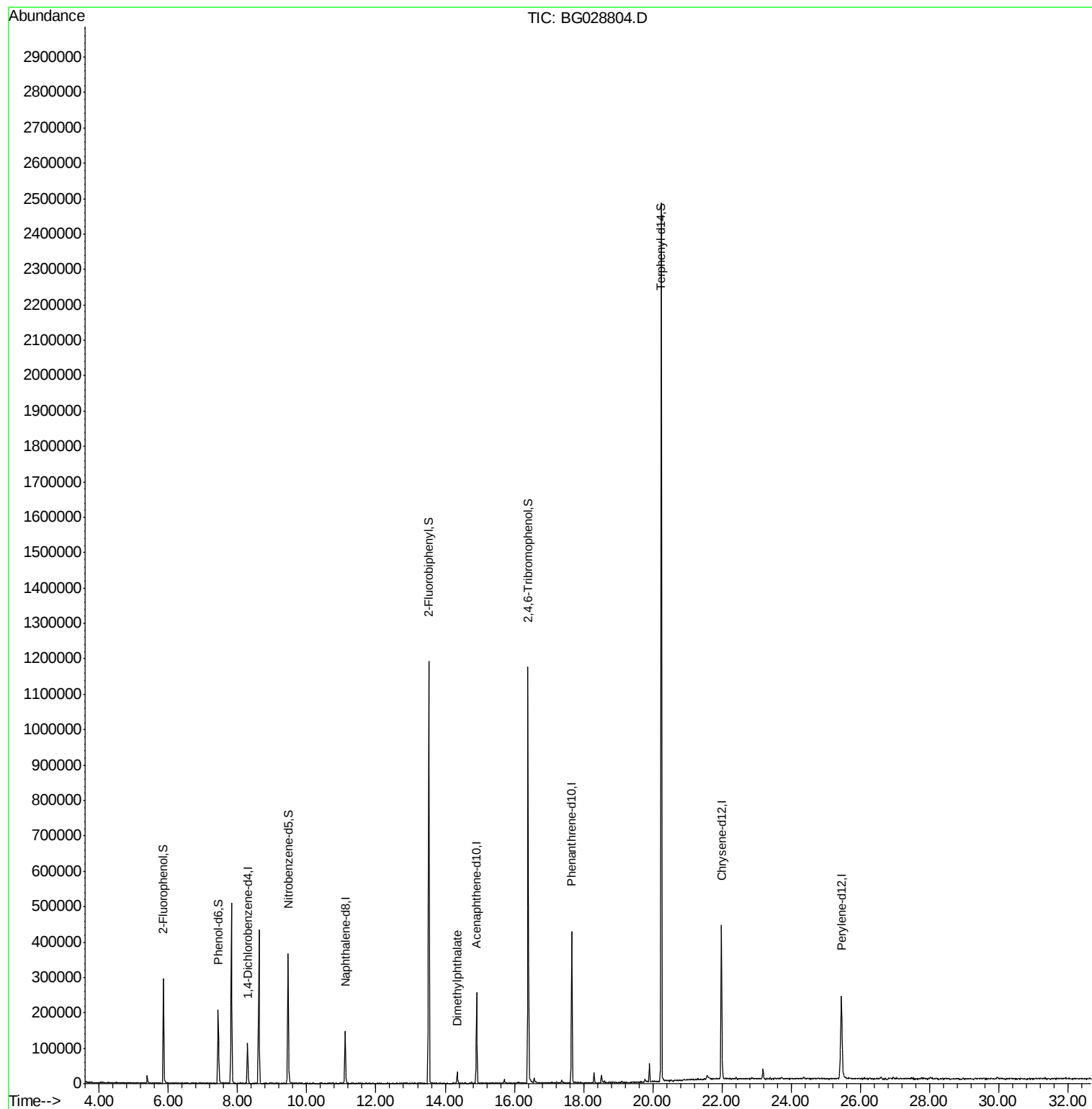
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	30369	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	128666	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	96105	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	272614	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	303237	20.00	ng	-0.05
86) Perylene-d12	25.45	264	304479	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	128297	69.71	ng	-0.05
7) Phenol-d6	7.44	99	124911	45.08	ng	-0.05
23) Nitrobenzene-d5	9.46	82	245435	91.25	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	250696	157.72	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	650199	90.21	ng	-0.04
78) Terphenyl-d14	20.24	244	1191340	83.78	ng	-0.04
Target Compounds						
49) Dimethylphthalate	14.35	163	27579	3.422	ng	Qvalue # 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

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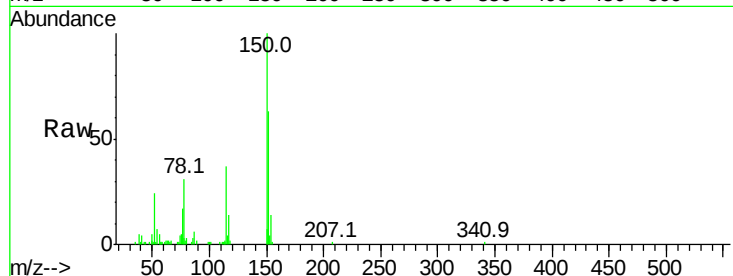
Tot Ion:152 Resp: 30369

Ion Ratio Lower Upper

152 100

150 159.4 114.0 171.0

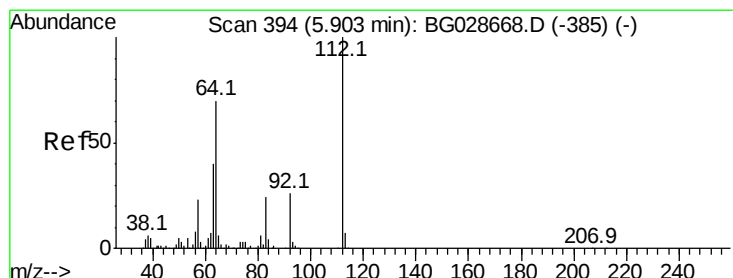
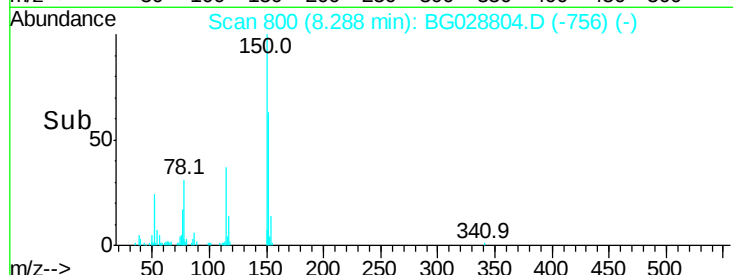
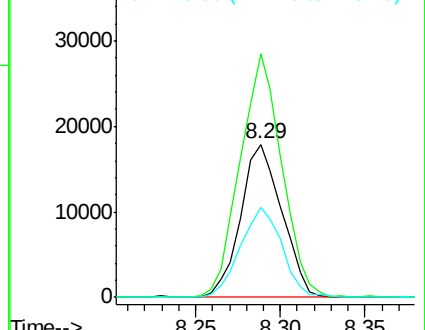
115 59.1 48.1 72.1



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: 69.708 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028804.D

Acq: 18 Sep 2017 20:59

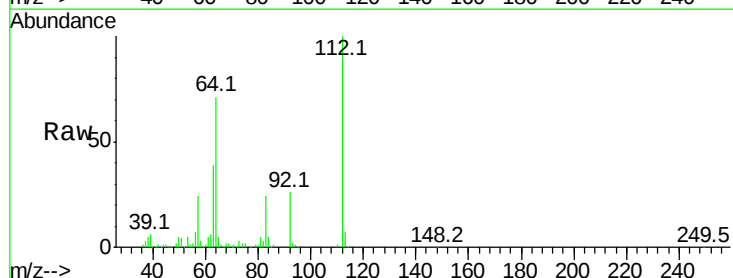
Tgt Ion:112 Resp: 128297

Ion Ratio Lower Upper

112 100

64 71.2 61.8 92.6

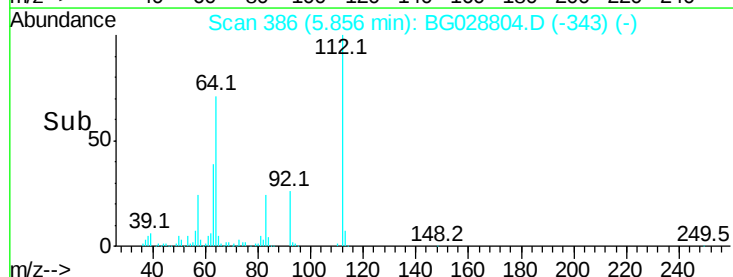
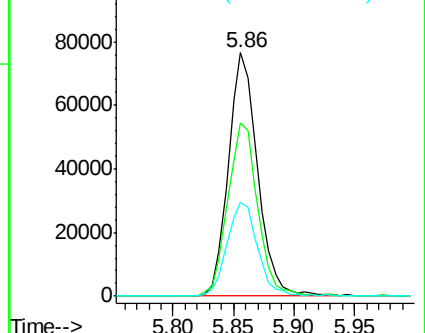
63 38.7 37.2 55.8



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: 45.077 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028804.D

Acq: 18 Sep 2017 20:59

Instrument :

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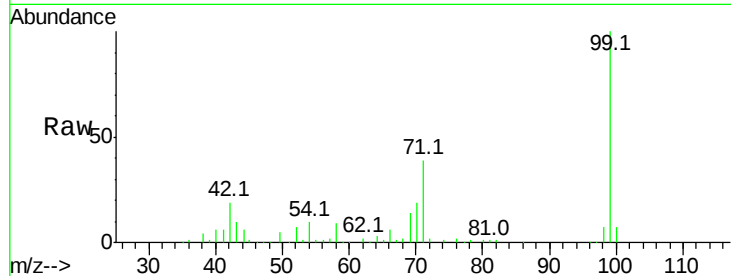
Tot Ion: 99 Resp: 124911

Ion Ratio Lower Upper

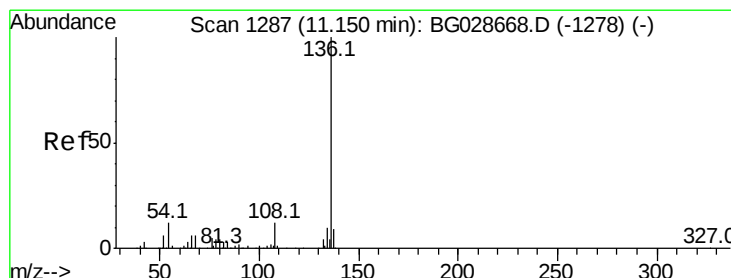
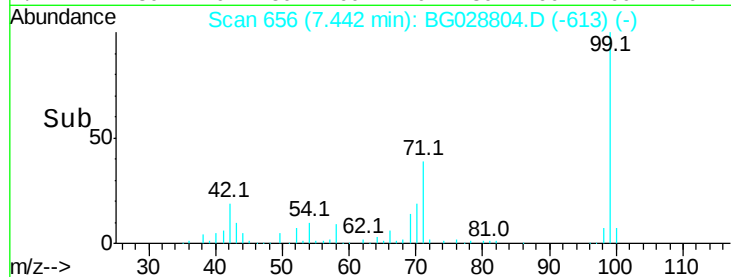
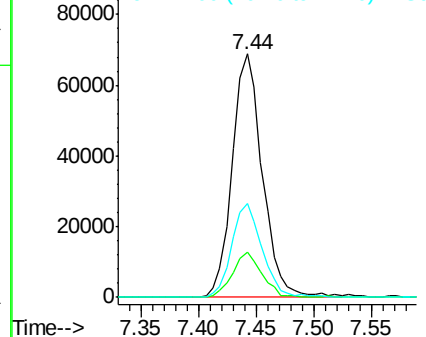
99 100

42 18.7 20.5 30.7#

71 38.6 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: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028804.D

Acq: 18 Sep 2017 20:59

Tgt Ion: 136 Resp: 128666

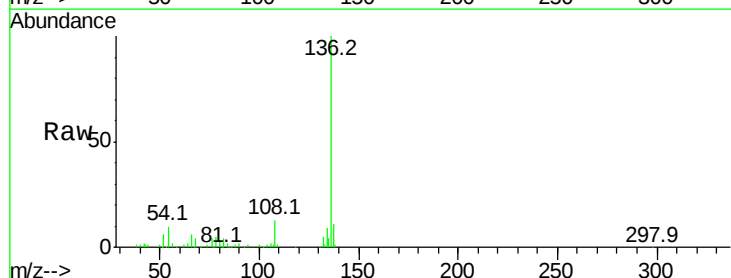
Ion Ratio Lower Upper

136 100

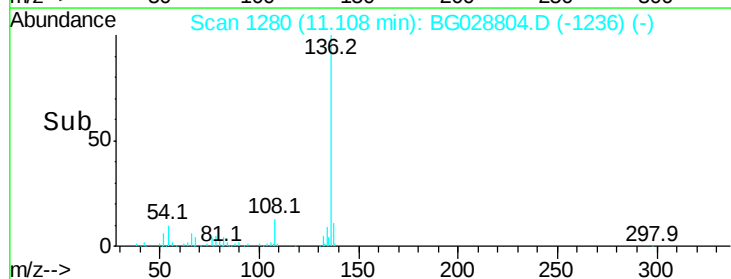
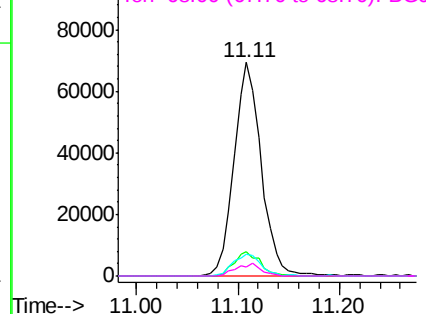
137 11.2 8.9 13.3

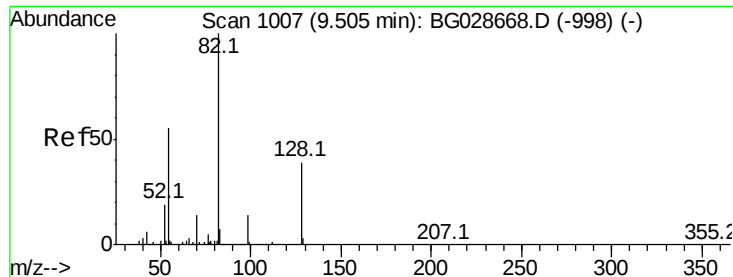
54 10.1 9.3 13.9

68 4.0 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

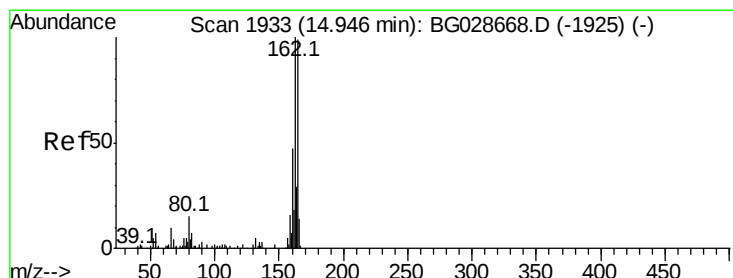
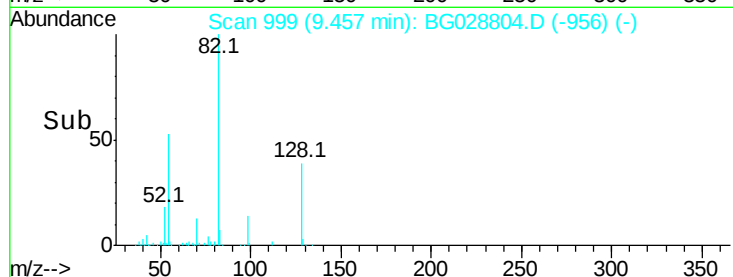
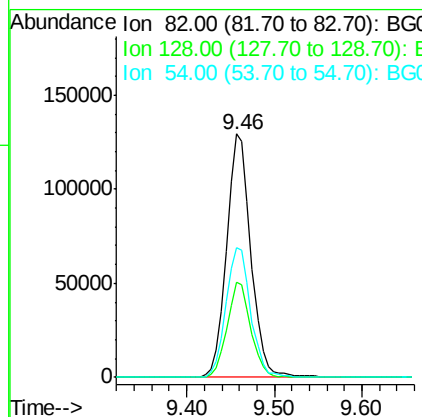
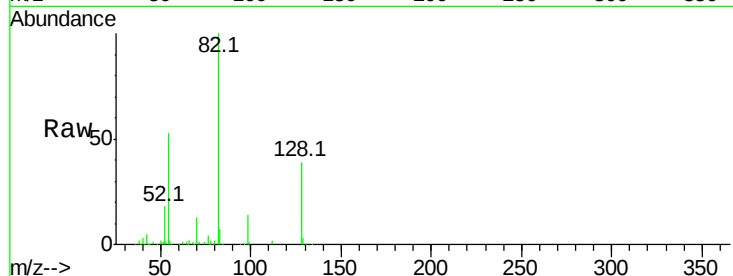




#23
Nitrobenzene-d5
Concen: 91.252 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028804.D
Acq: 18 Sep 2017 20:59

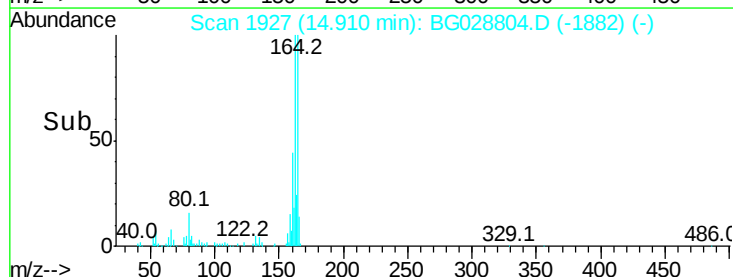
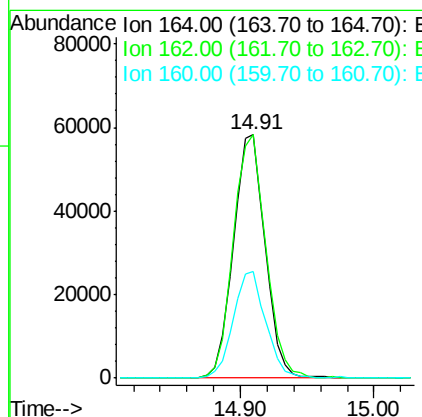
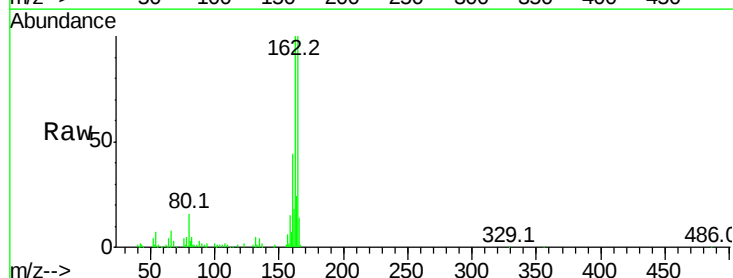
Instrument :
BNA_G
ClientSampleId :
20170600-COMP-A

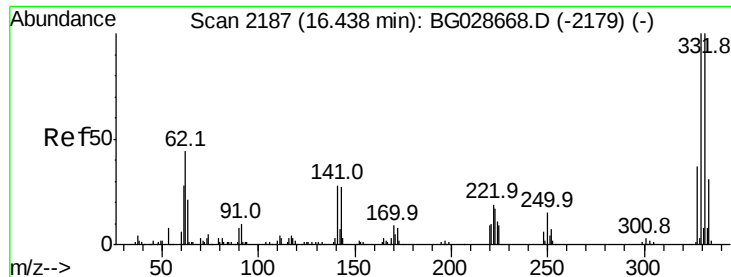
Tot Ion	82	Resp	245435
Ion	Ratio	Lower	Upper
82	100		
128	39.0	26.4	39.6
54	53.1	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1927
Delta R.T. -0.04 min
Lab File: BG028804.D
Acq: 18 Sep 2017 20:59

Tgt Ion	164	Resp	96105
Ion	Ratio	Lower	Upper
164	100		
162	100.1	85.1	127.7
160	43.8	34.7	52.1

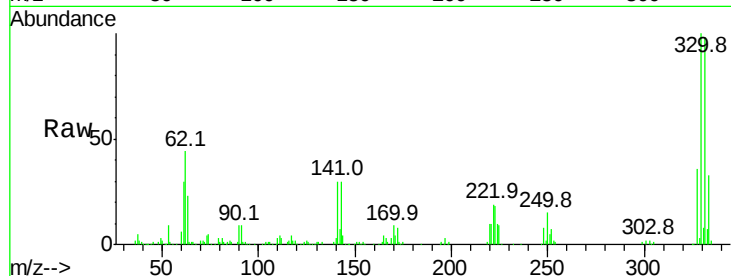




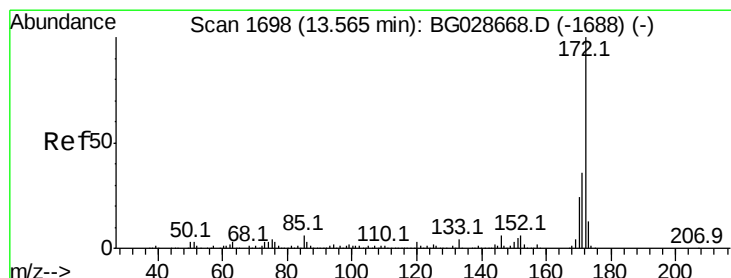
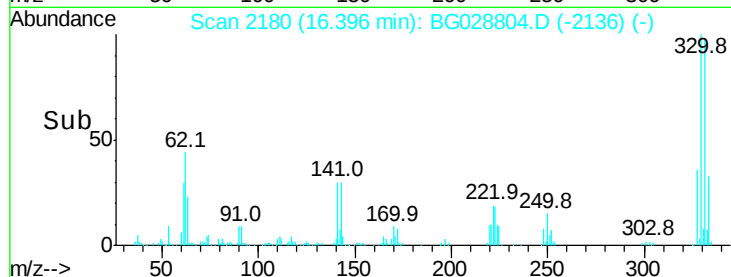
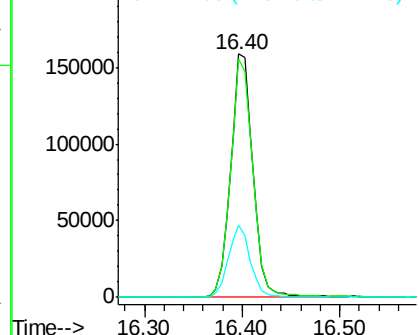
#41
 2,4,6-Tribromophenol
 Concen: 157.718 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028804.D
 Acq: 18 Sep 2017 20:59

Instrument :
 BNA_G
 ClientSampleId :
 20170600-COMP-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	29.0	32.1	48.1#

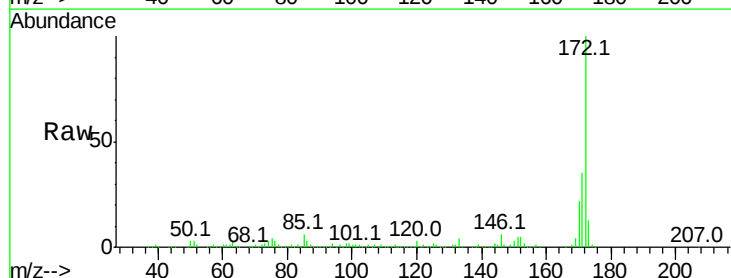


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

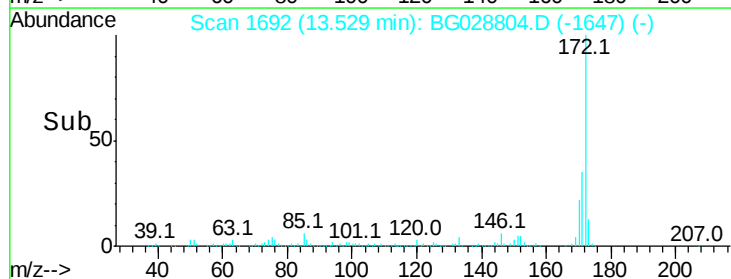
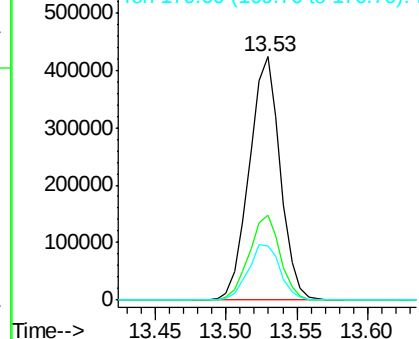


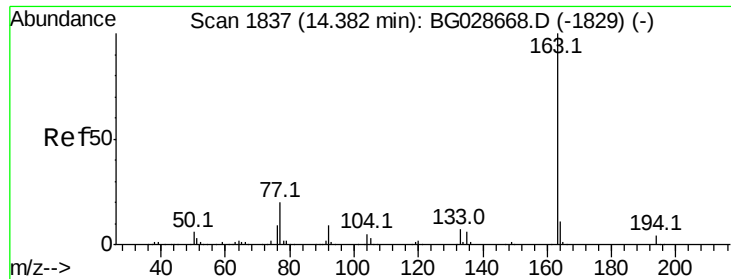
#44
 2-Fluorobiphenyl
 Concen: 90.213 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028804.D
 Acq: 18 Sep 2017 20:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	32.2	48.2
170	22.4	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: 3.422 ng

RT: 14.35 min Scan# 1831

Delta R.T. -0.04 min

Lab File: BG028804.D

Acq: 18 Sep 2017 20:59

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-A

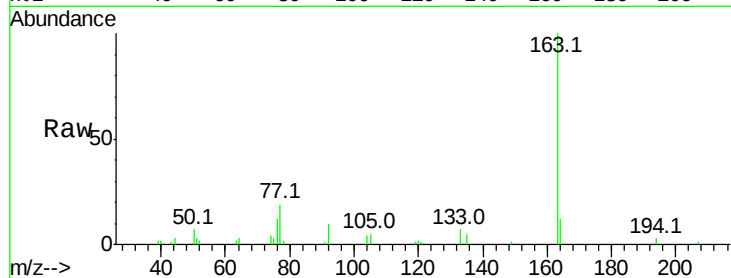
Tot Ion:163 Resp: 27579

Ion Ratio Lower Upper

163 100

194 3.4 3.8 5.6#

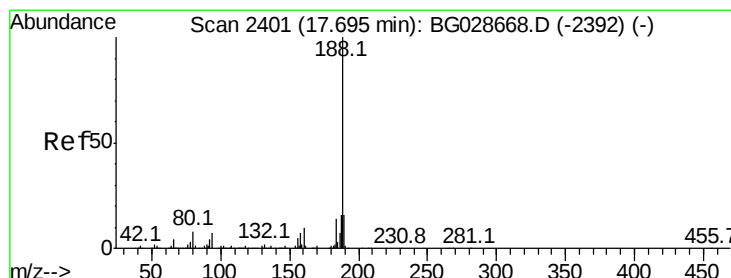
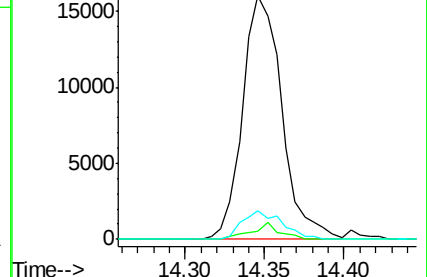
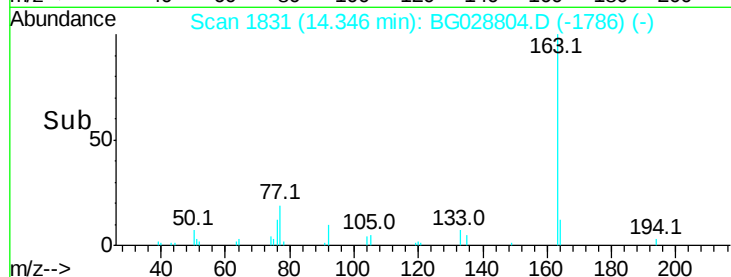
164 11.6 9.3 13.9



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: 17.66 min Scan# 2395

Delta R.T. -0.04 min

Lab File: BG028804.D

Acq: 18 Sep 2017 20:59

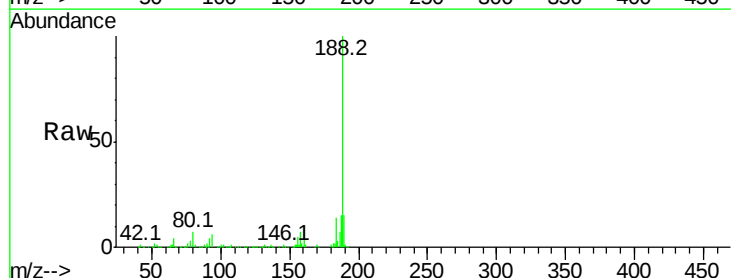
Tgt Ion:188 Resp: 272614

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

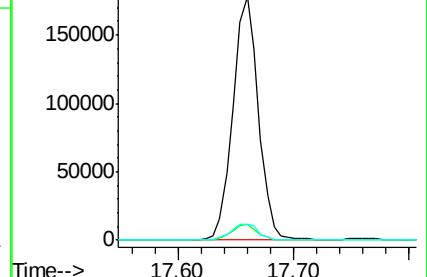
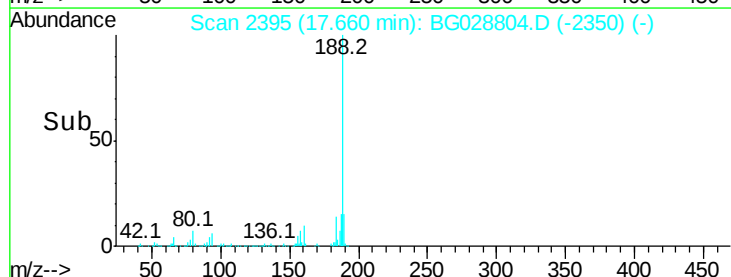
80 6.7 7.5 11.3#

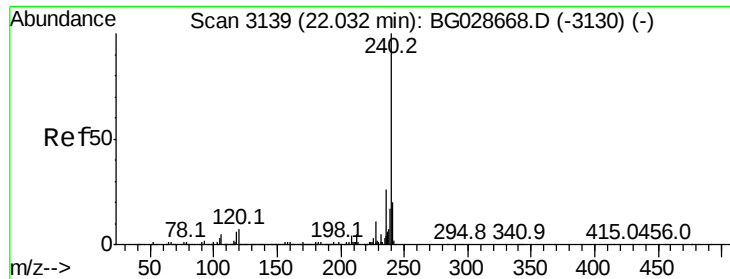


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028804.D

Acq: 18 Sep 2017 20:59

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-A

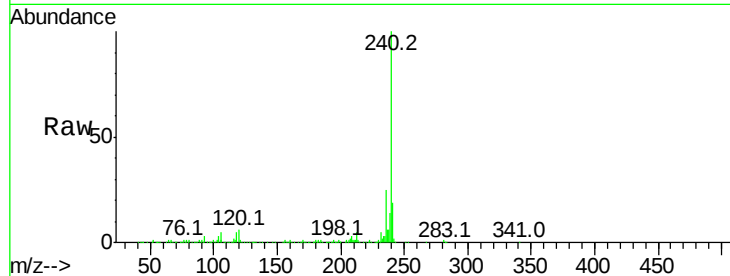
Tot Ion:240 Resp: 303237

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.7	8.5
236	24.6	22.2	33.4

240 100

120 7.0 5.7 8.5

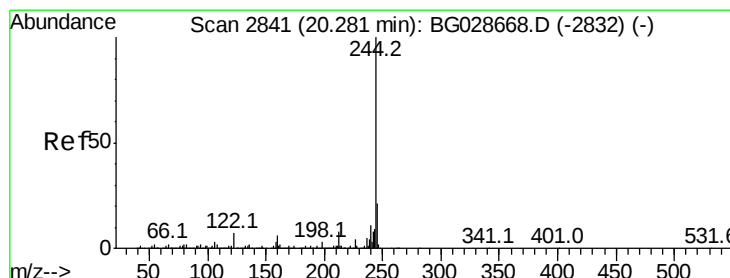
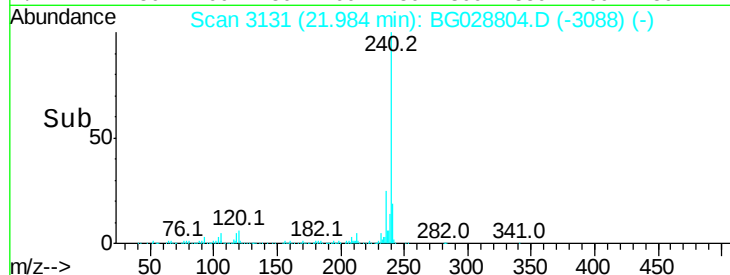
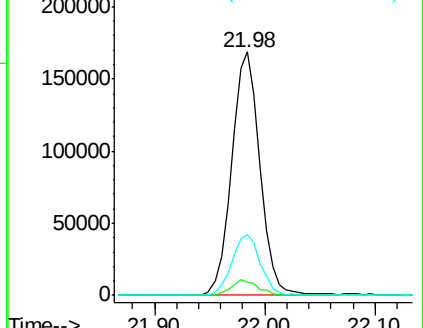
236 24.6 22.2 33.4



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: 83.783 ng

RT: 20.24 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028804.D

Acq: 18 Sep 2017 20:59

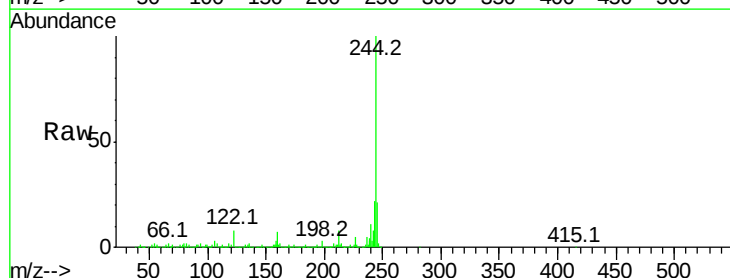
Tgt Ion:244 Resp: 1191340

Ion	Ratio	Lower	Upper
244	100		
212	7.8	10.0	15.0#
122	7.6	8.6	12.8#

244 100

212 7.8 10.0 15.0#

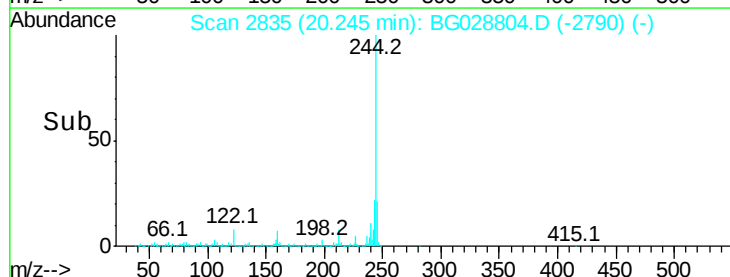
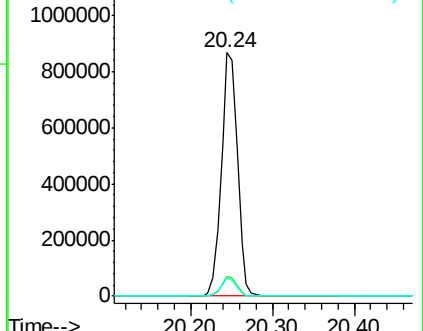
122 7.6 8.6 12.8#

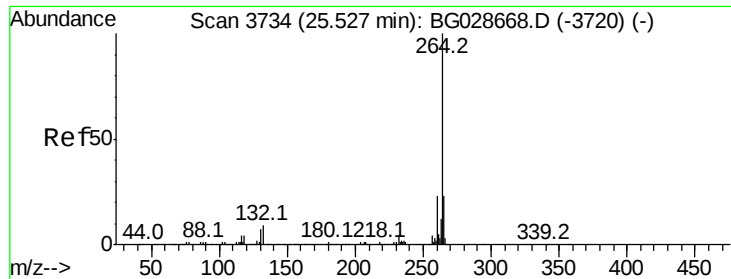


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

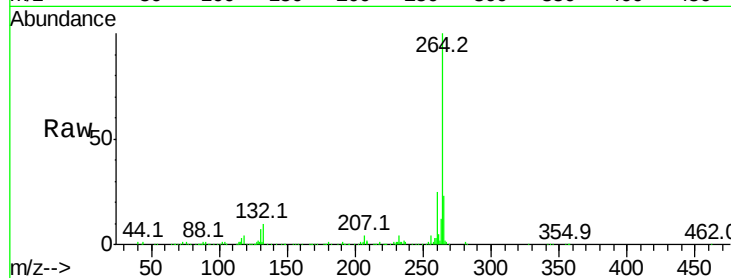




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.45 min Scan# 3721
 Delta R.T. -0.08 min
 Lab File: BG028804.D
 Acq: 18 Sep 2017 20:59

Instrument :
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 20170600-COMP-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.8	32.8
265	23.3	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

