

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092817\
 Data File : BG028963.D
 Acq On : 28 Sep 2017 16:57
 Operator : SJ/JU
 Sample : PB102674BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 29 05:23:04 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

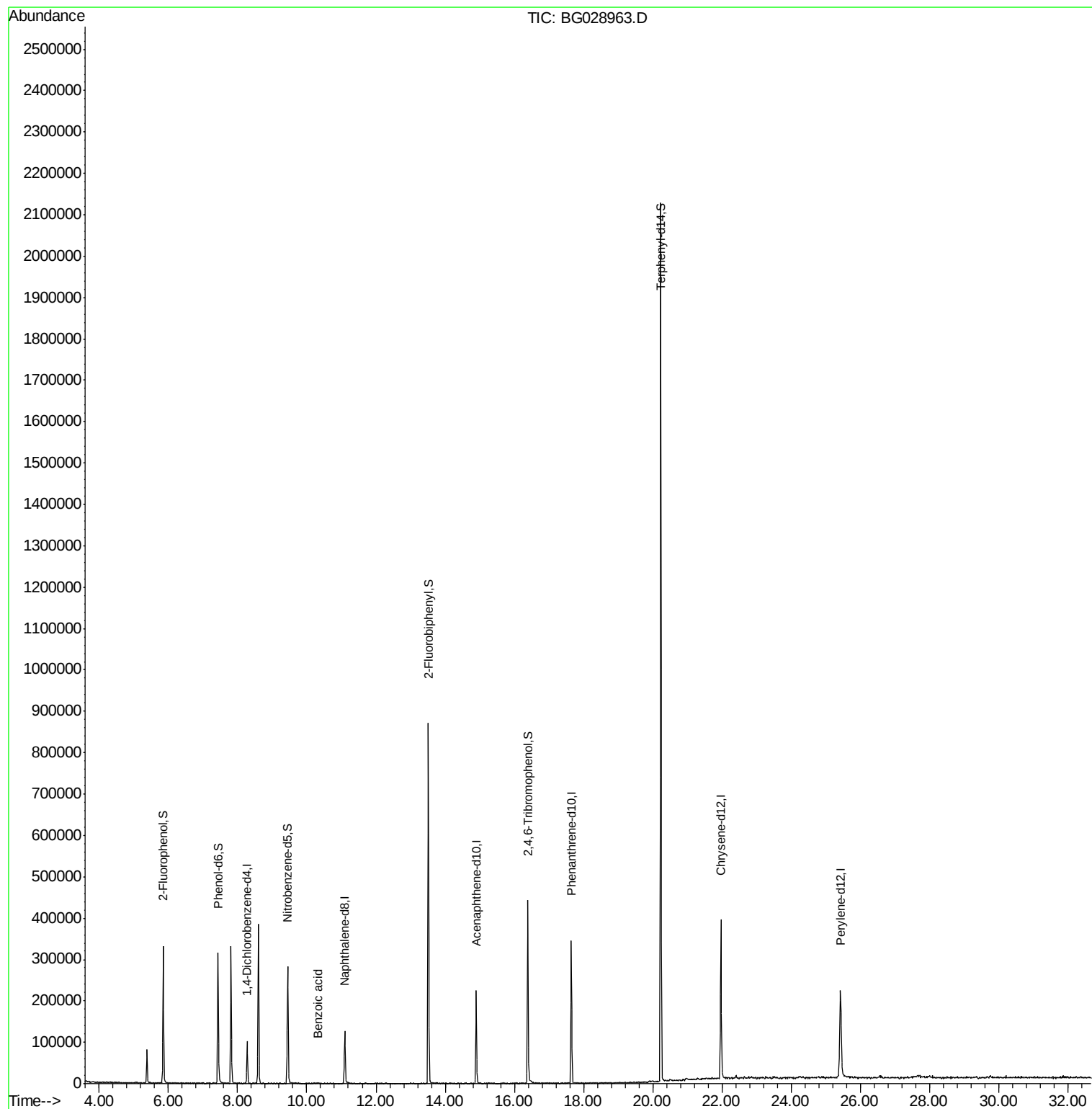
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	29285	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	114330	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	84369	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	232712	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	271735	20.00	ng	-0.07
86) Perylene-d12	25.43	264	280772	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	141959	79.99	ng	-0.05
7) Phenol-d6	7.44	99	197603	73.95	ng	-0.05
23) Nitrobenzene-d5	9.44	82	190493	79.71	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	103893	74.45	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	501177	79.21	ng	-0.05
78) Terphenyl-d14	20.23	244	1079229	84.70	ng	-0.05
Target Compounds						
32) Benzoic acid	10.31	122	81	6.13	ng	Qvalue # 1

(#) = 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# 799

Delta R.T. -0.05 min

Lab File: BG028963.D

Acq: 28 Sep 2017 16:57

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BNA_G

ClientSampleId :

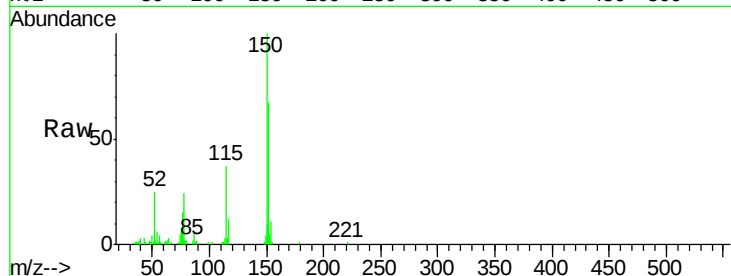
Tot Ion:152 Resp: 29285

Ion Ratio Lower Upper

152 100

150 150.0 114.0 171.0

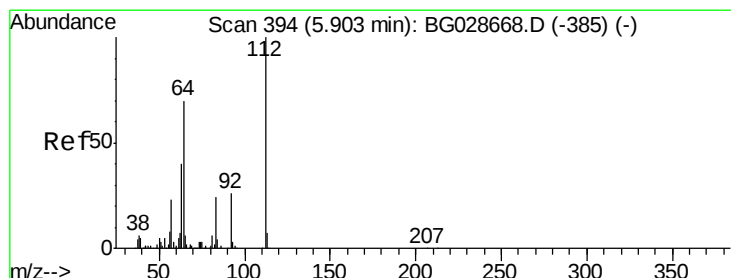
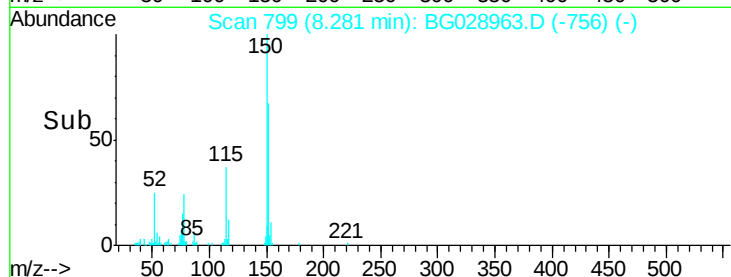
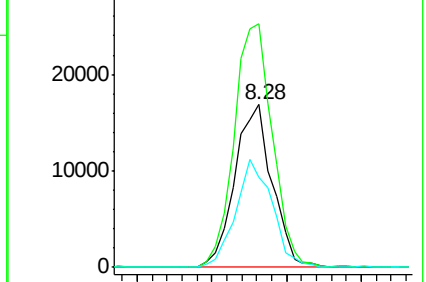
115 55.7 48.1 72.1



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: 79.99 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028963.D

Acq: 28 Sep 2017 16:57

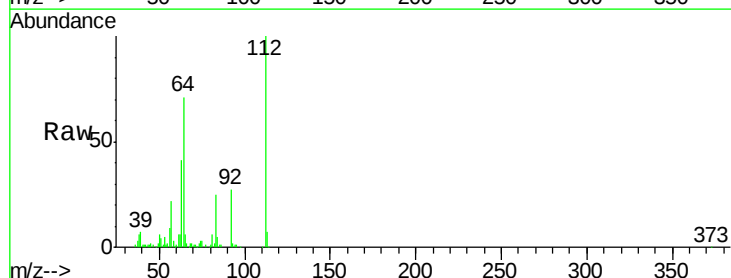
Tgt Ion:112 Resp: 141959

Ion Ratio Lower Upper

112 100

64 71.4 61.8 92.6

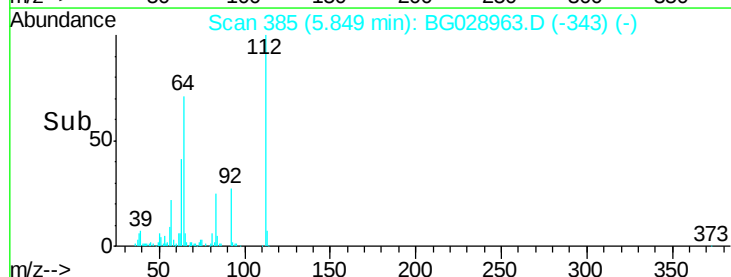
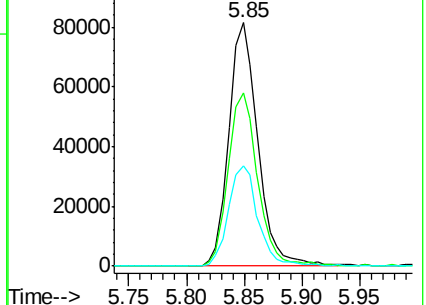
63 41.1 37.2 55.8

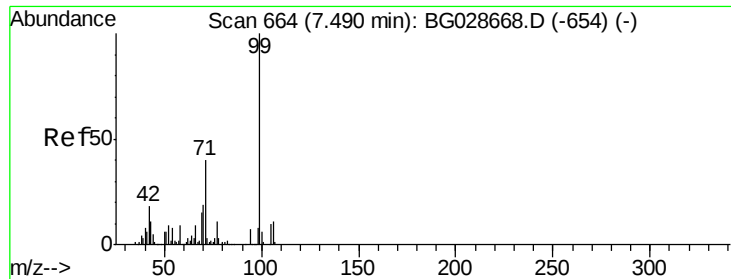


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 73.95 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028963.D

Acq: 28 Sep 2017 16:57

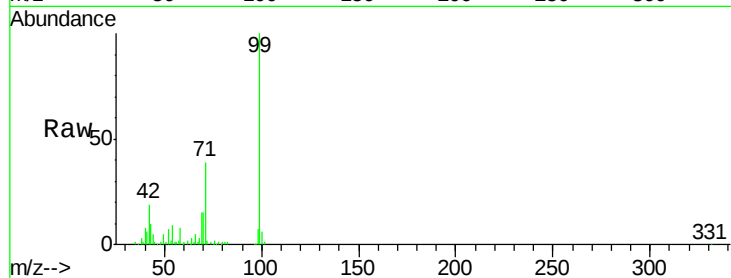
Instrument :

BNA_G

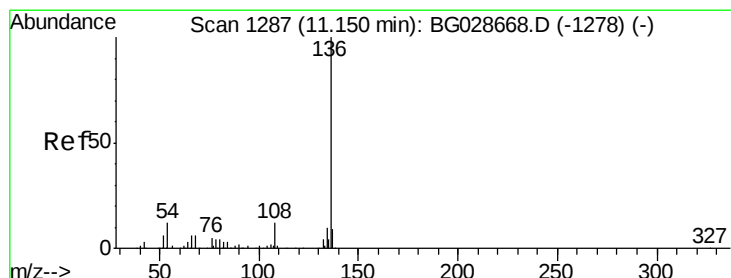
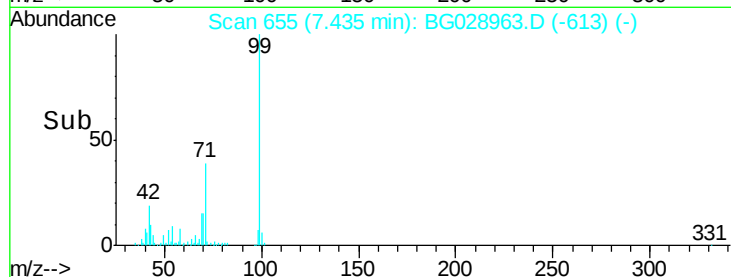
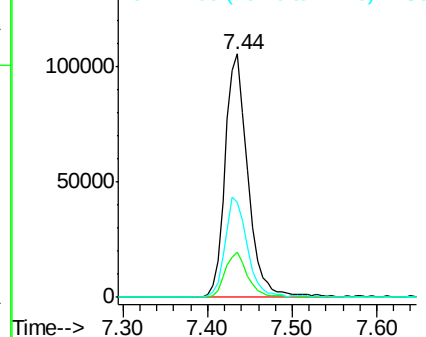
ClientSampled :

Tot Ion: 99 Resp: 197603

Ion	Ratio	Lower	Upper
99	100		
42	18.8	20.5	30.7#
71	39.0	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

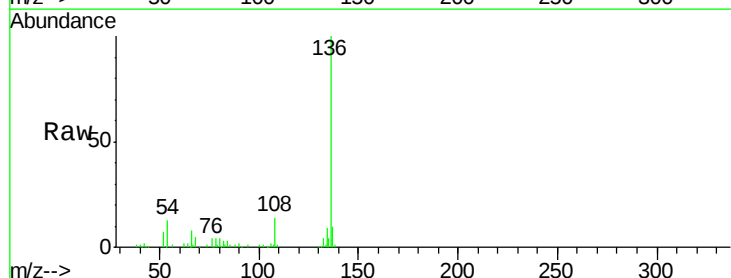
Delta R.T. -0.05 min

Lab File: BG028963.D

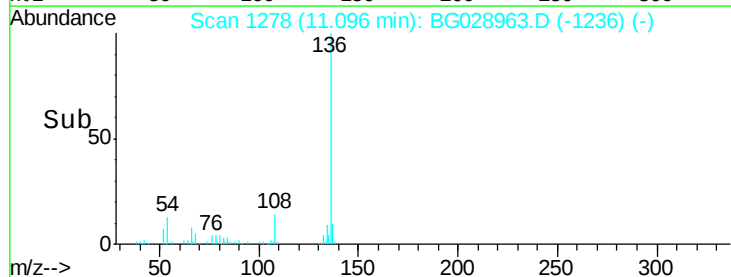
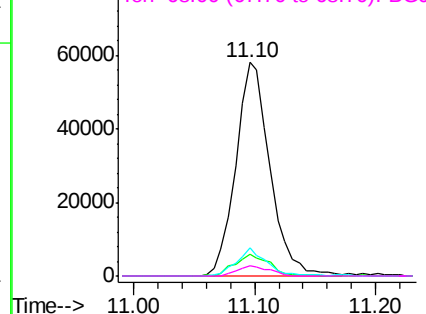
Acq: 28 Sep 2017 16:57

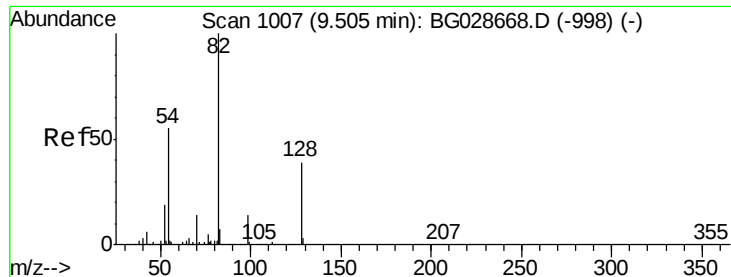
Tgt Ion: 136 Resp: 114330

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	13.0	9.3	13.9
68	4.6	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

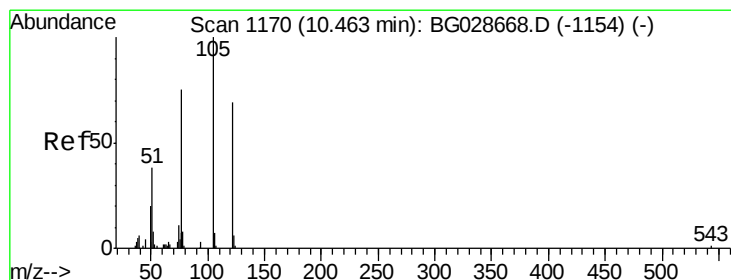
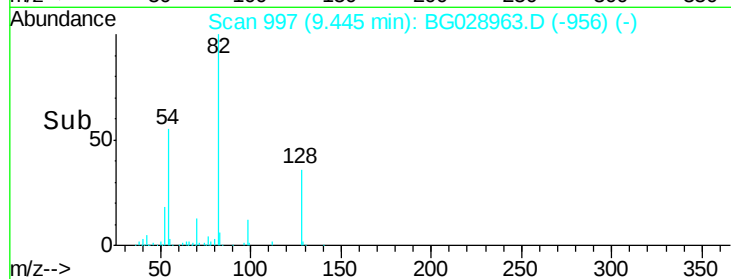
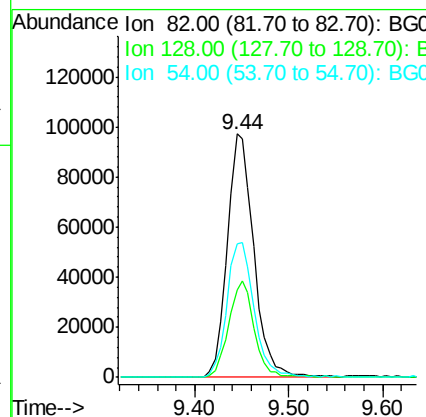
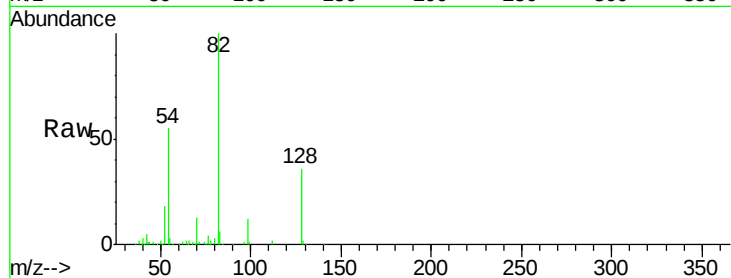




#23
 Nitrobenzene-d5
 Concen: 79.71 ng
 RT: 9.44 min Scan# 997
 Delta R.T. -0.06 min
 Lab File: BG028963.D
 Acq: 28 Sep 2017 16:57

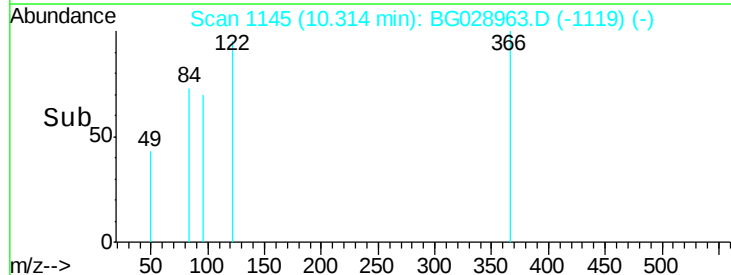
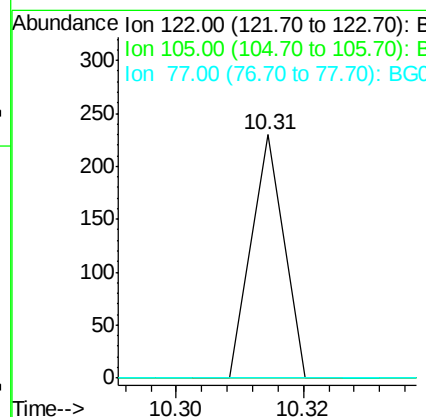
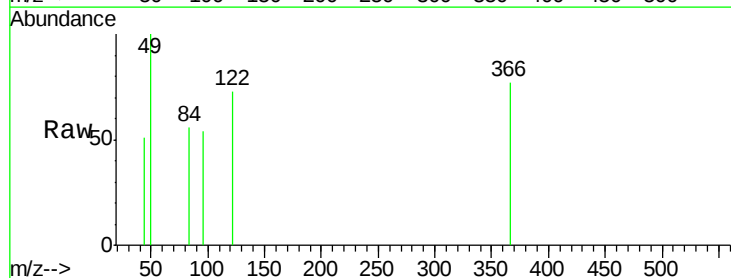
Instrument :
 BNA_G
 ClientSampleID :

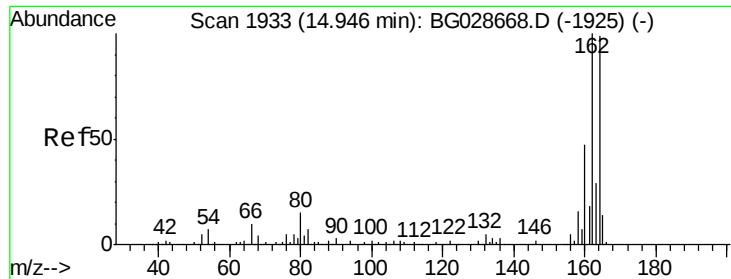
Tot Ion	82	Resp	190493
Ion	Ratio	Lower	Upper
82	100		
128	36.1	26.4	39.6
54	54.8	49.4	74.2



#32
 Benzoic acid
 Concen: 6.13 ng
 RT: 10.31 min Scan# 1145
 Delta R.T. -0.15 min
 Lab File: BG028963.D
 Acq: 28 Sep 2017 16:57

Tgt Ion	122	Resp	81
Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#

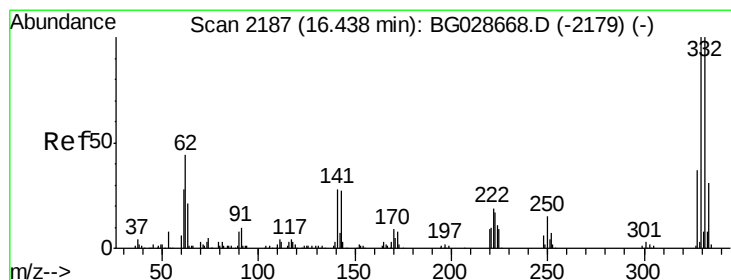
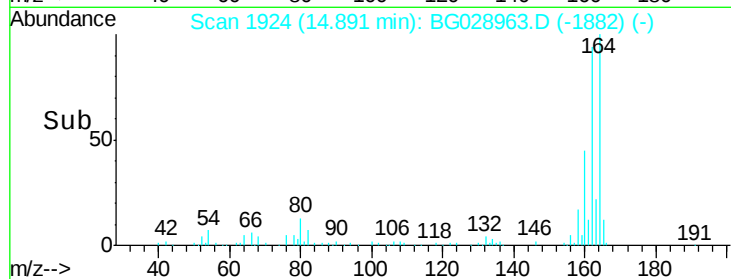
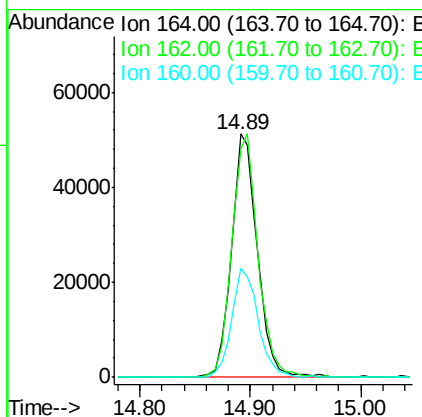
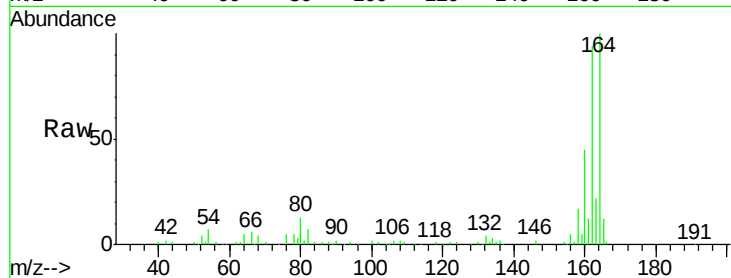




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 1924
 Delta R.T. -0.05 min
 Lab File: BG028963.D
 Acq: 28 Sep 2017 16:57

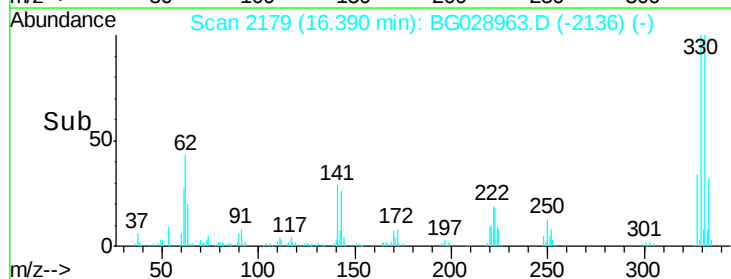
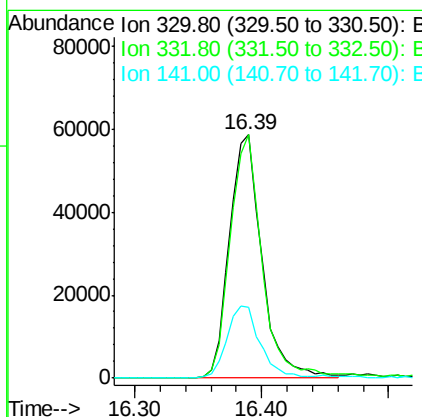
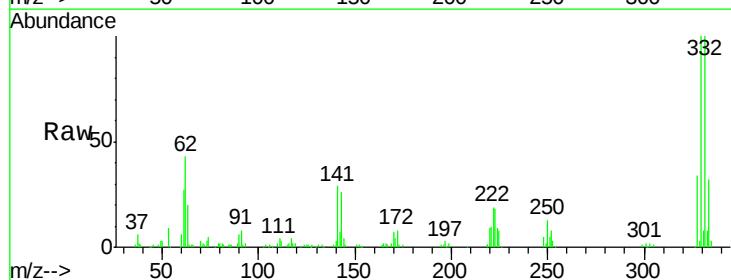
Instrument :
 BNA_G
 ClientSampleId :

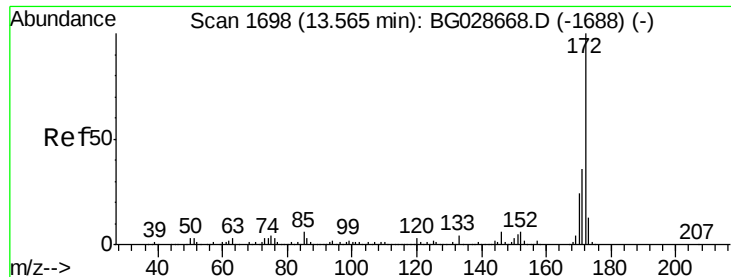
Tot Ion	Ratio	Lower	Upper
164	100		
162	93.5	85.1	127.7
160	45.0	34.7	52.1



#41
 2,4,6-Tribromophenol
 Concen: 74.45 ng
 RT: 16.39 min Scan# 2179
 Delta R.T. -0.05 min
 Lab File: BG028963.D
 Acq: 28 Sep 2017 16:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	30.1	32.1	48.1





#44

2-Fluorobiphenyl

Concen: 79.21 ng

RT: 13.52 min Scan# 1690

Delta R.T. -0.05 min

Lab File: BG028963.D

Acq: 28 Sep 2017 16:57

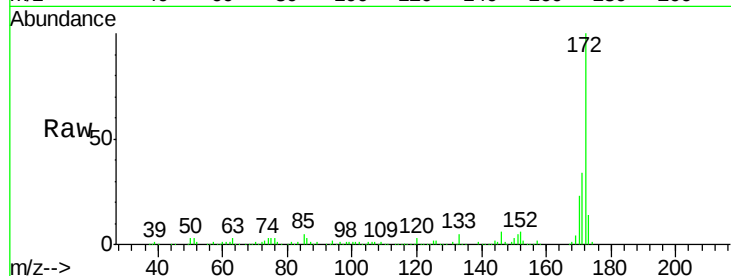
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 501177

Ion	Ratio	Lower	Upper
172	100		
171	33.7	32.2	48.2
170	22.8	21.8	32.6

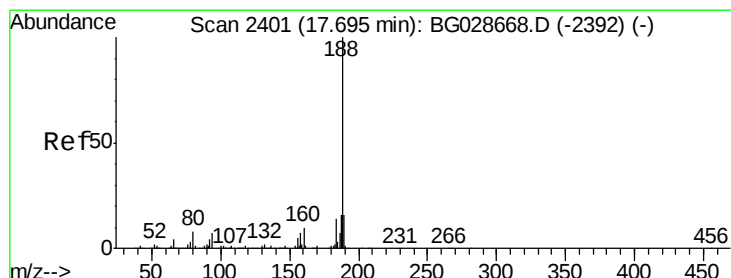
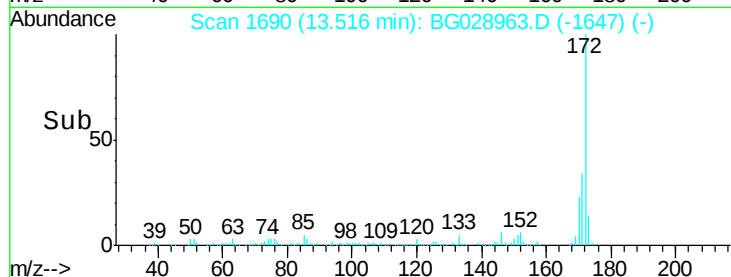
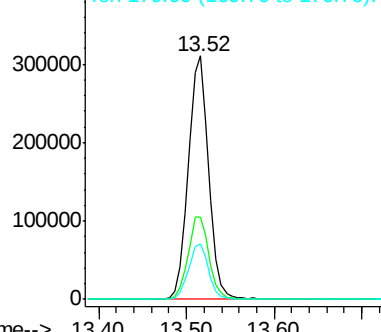


Abundance

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: 17.65 min Scan# 2393

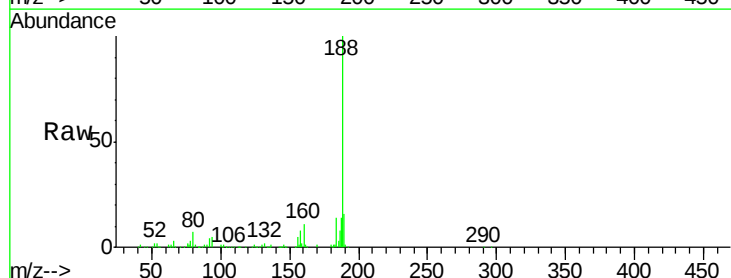
Delta R.T. -0.05 min

Lab File: BG028963.D

Acq: 28 Sep 2017 16:57

Tgt Ion:188 Resp: 232712

Ion	Ratio	Lower	Upper
188	100		
94	5.4	5.8	8.8#
80	6.8	7.5	11.3#

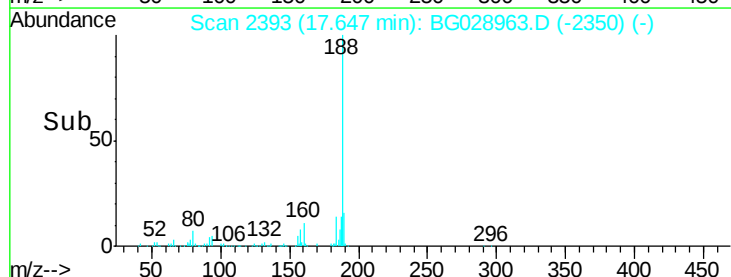
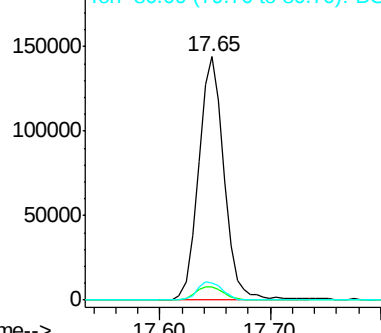


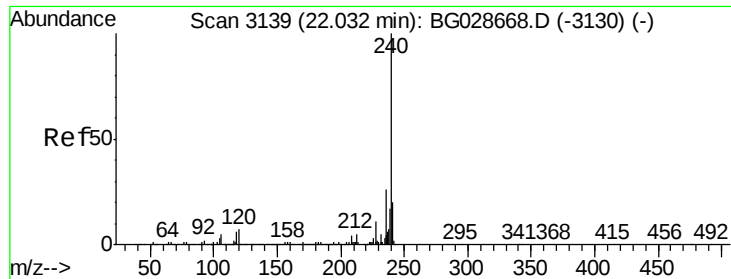
Abundance

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: 20.00 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028963.D

Acq: 28 Sep 2017 16:57

Instrument :

BNA_G

ClientSampleId :

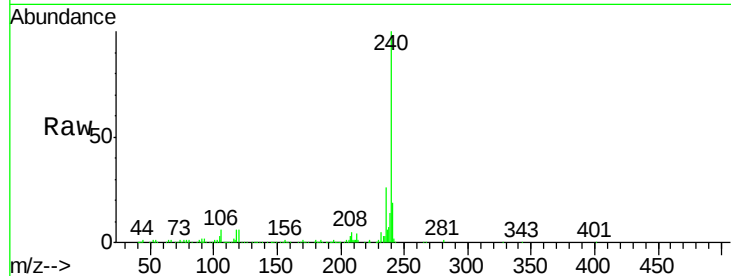
Tot Ion:240 Resp: 271735

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5#

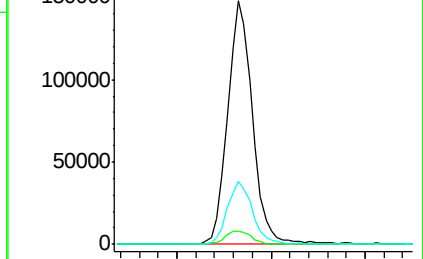
236 26.2 22.2 33.4



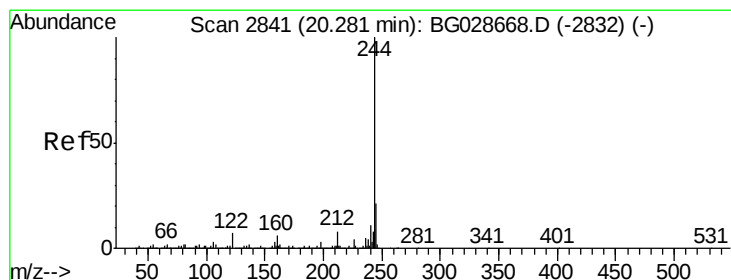
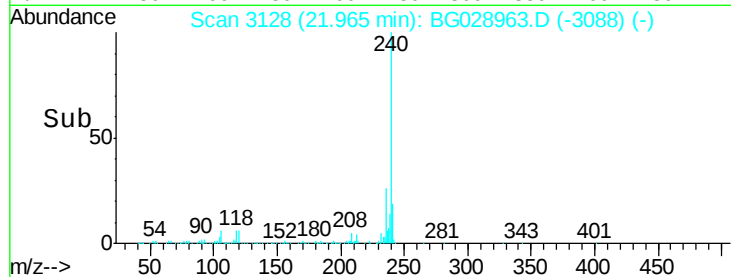
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 84.70 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028963.D

Acq: 28 Sep 2017 16:57

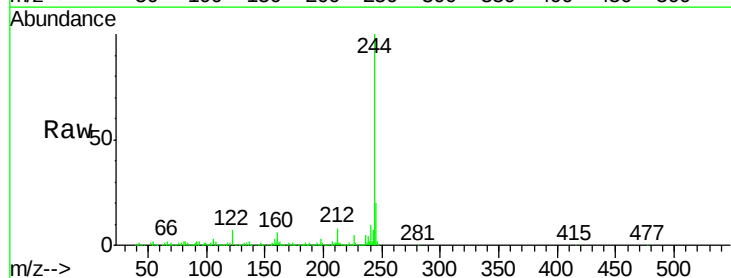
Tgt Ion:244 Resp: 1079229

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

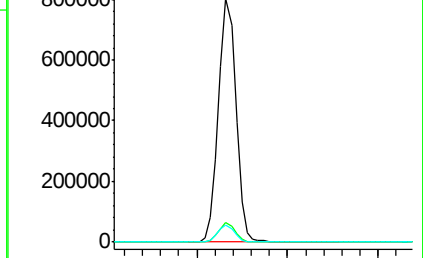
122 7.0 8.6 12.8#



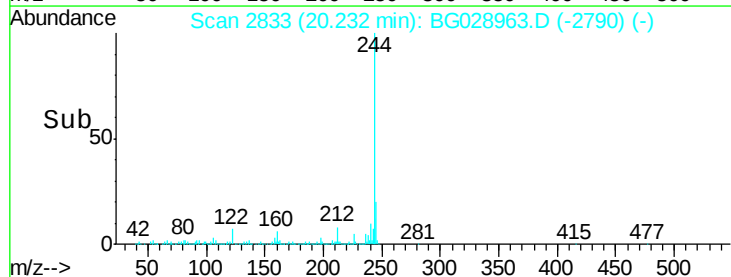
Abundance Ion 244.00 (243.70 to 244.70): E

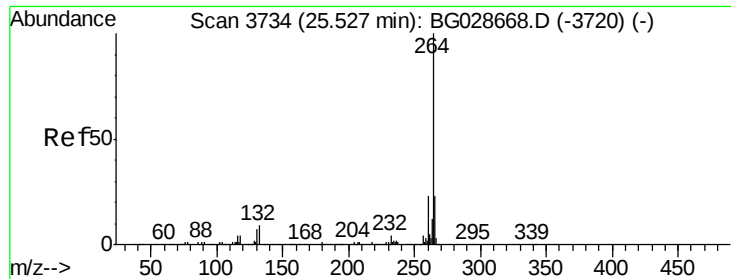
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.43 min Scan# 3717
Delta R.T. -0.10 min
Lab File: BG028963.D
Acq: 28 Sep 2017 16:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	21.8	32.8
265	23.3	18.2	27.4

