

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092917\
 Data File : BG028969.D
 Acq On : 29 Sep 2017 15:02
 Operator : SJ/JU
 Sample : PB102752BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 29 17:43:45 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

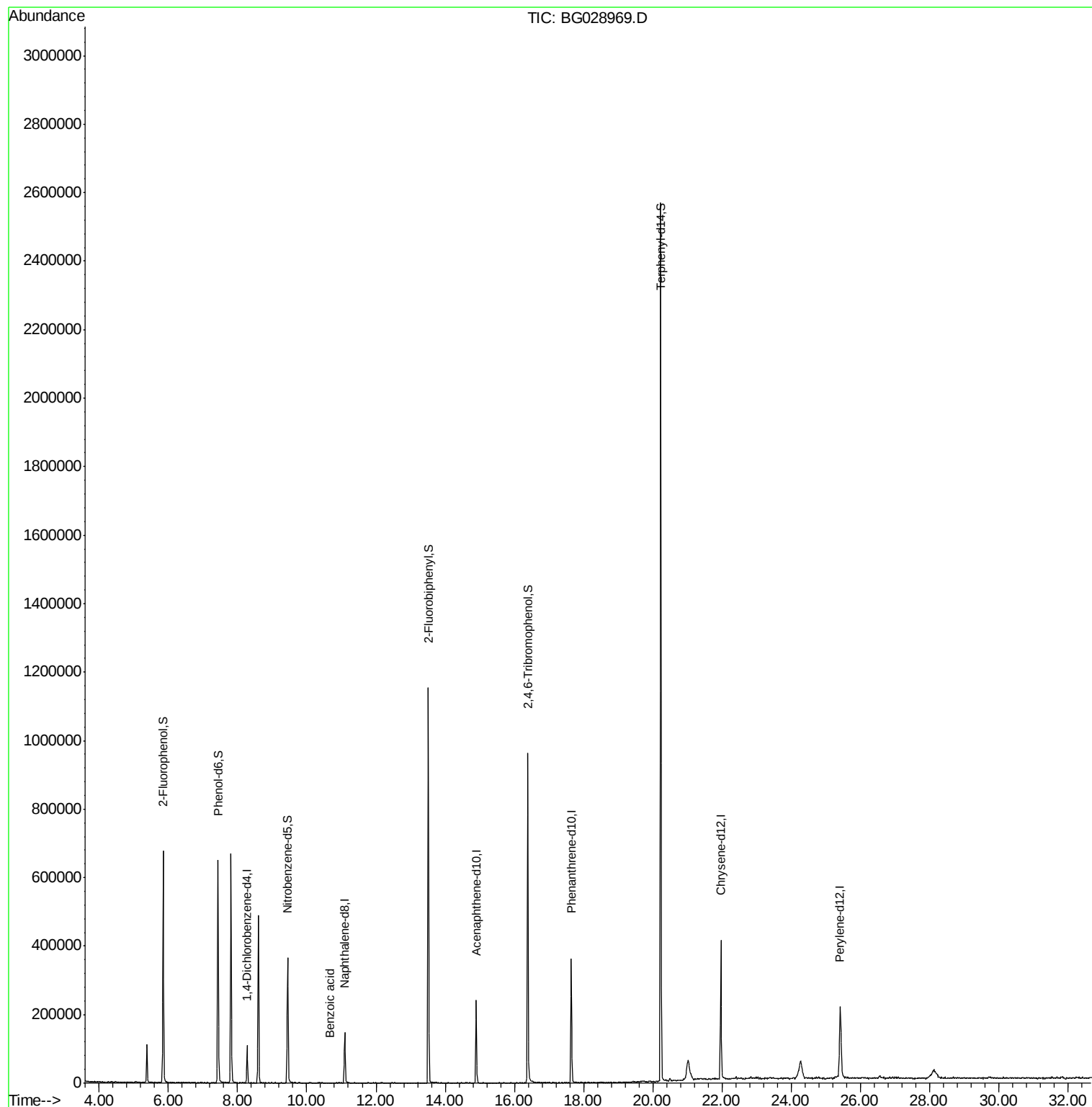
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	31382	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	127181	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	92660	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	250917	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	283751	20.00	ng	-0.07
86) Perylene-d12	25.41	264	286909	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	296975	156.15	ng	-0.06
7) Phenol-d6	7.44	99	394584	137.80	ng	-0.05
23) Nitrobenzene-d5	9.45	82	249466	93.83	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	214245	139.80	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	647820	93.22	ng	-0.05
78) Terphenyl-d14	20.23	244	1227173	92.23	ng	-0.05
Target Compounds						
32) Benzoic acid	10.66	122	58	6.117	ng	Qvalue # 1

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

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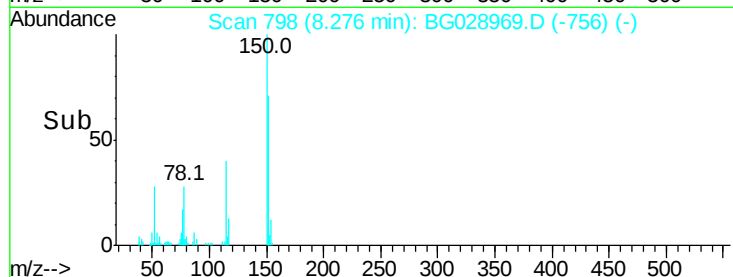
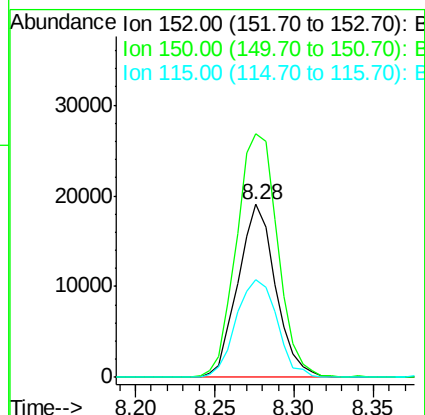
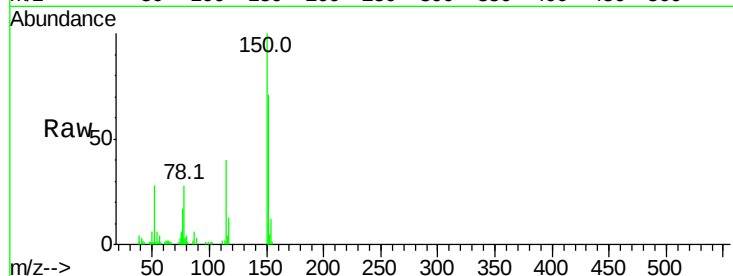


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028969.D
Acq: 29 Sep 2017 15:02

Instrument :
BNA_G
ClientSampleId :

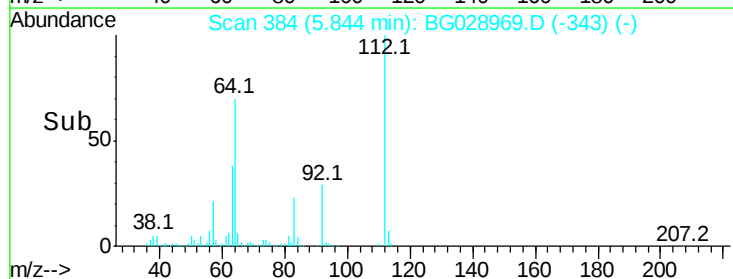
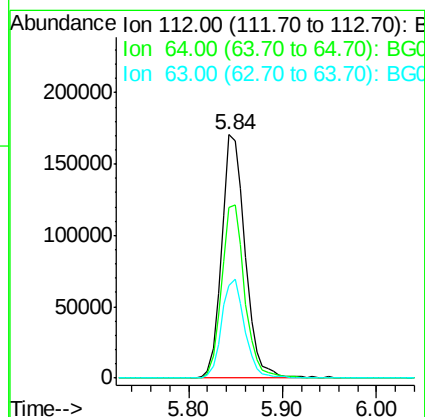
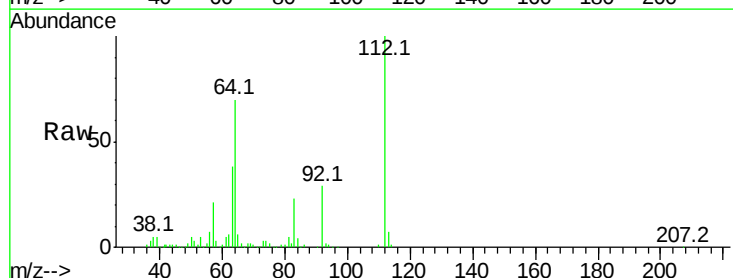
Tot Ion:152 Resp: 31382
Ion Ratio Lower Upper
152 100
150 140.7 114.0 171.0
115 56.4 48.1 72.1

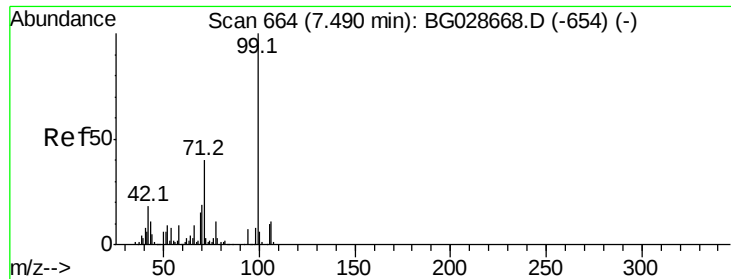


#5

2-Fluorophenol
Concen: 156.148 ng
RT: 5.84 min Scan# 384
Delta R.T. -0.06 min
Lab File: BG028969.D
Acq: 29 Sep 2017 15:02

Tgt Ion:112 Resp: 296975
Ion Ratio Lower Upper
112 100
64 70.2 61.8 92.6
63 37.9 37.2 55.8





#7

Phenol-d6

Concen: 137.797 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028969.D

Acq: 29 Sep 2017 15:02

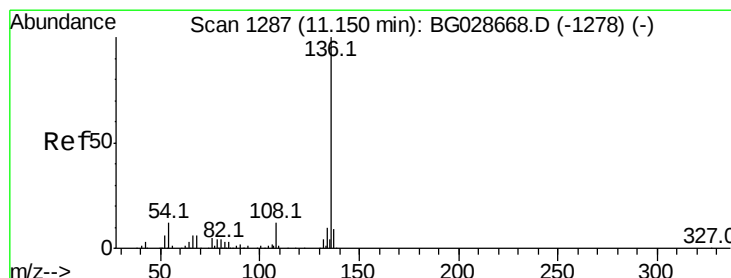
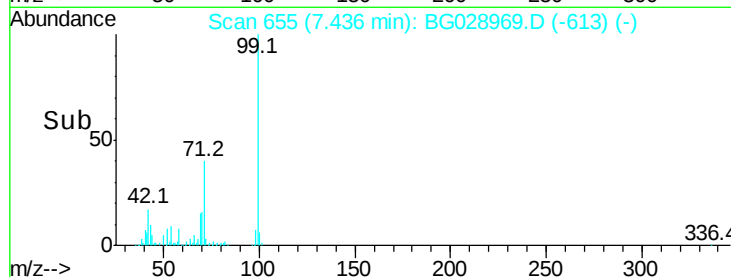
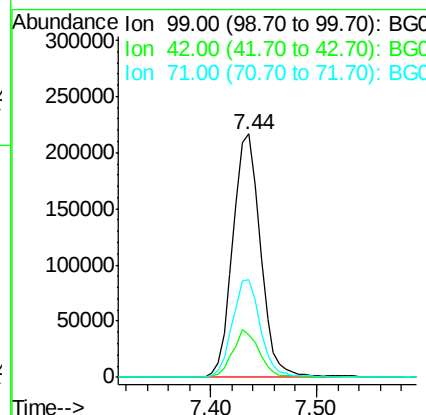
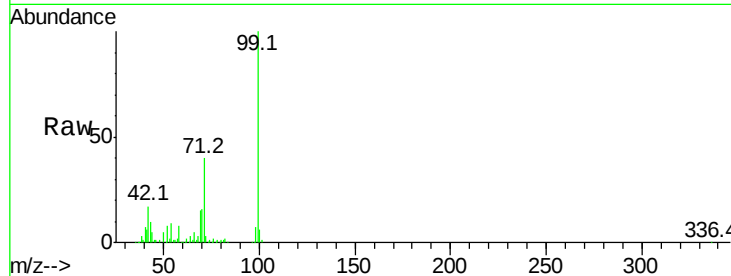
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 394584

Ion	Ratio	Lower	Upper
99	100		
42	17.3	20.5	30.7#
71	40.0	37.6	56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.10 min Scan# 1278

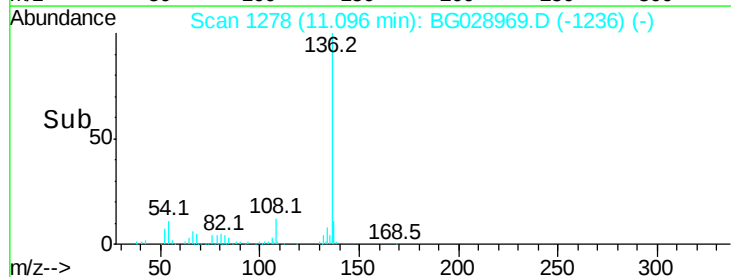
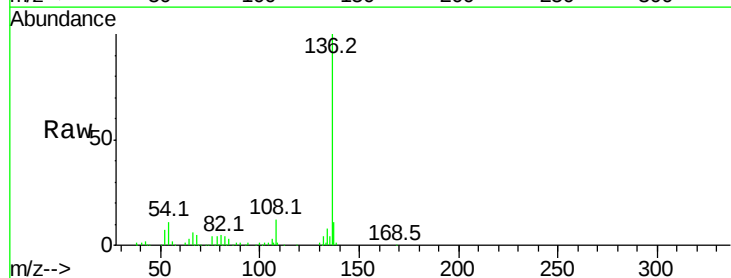
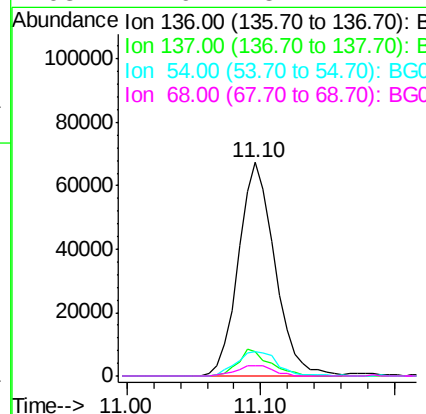
Delta R.T. -0.05 min

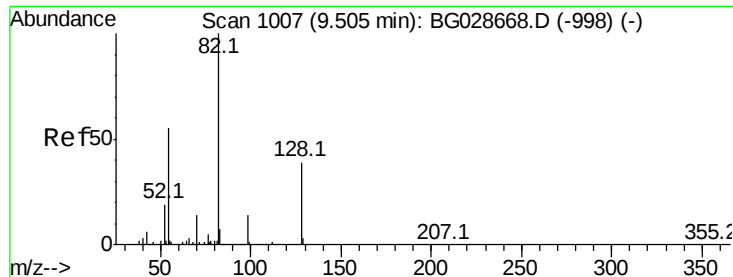
Lab File: BG028969.D

Acq: 29 Sep 2017 15:02

Tgt Ion: 136 Resp: 127181

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	11.4	9.3	13.9
68	4.9	5.1	7.7#

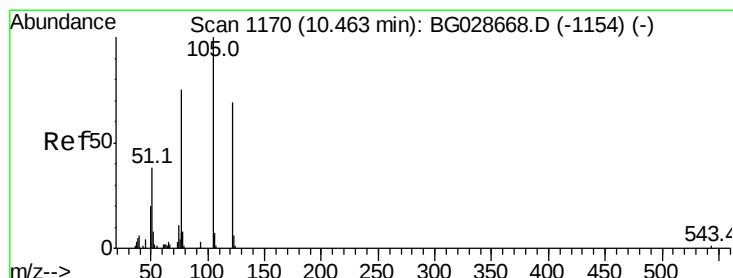
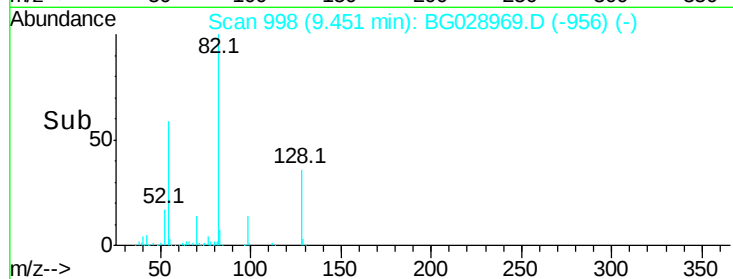
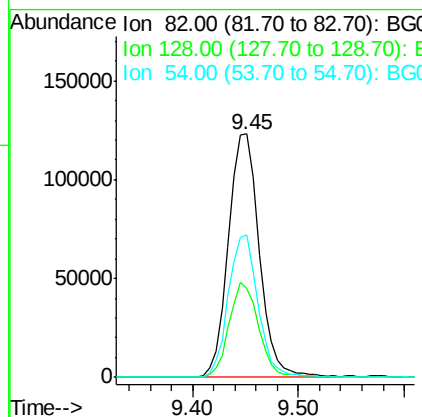
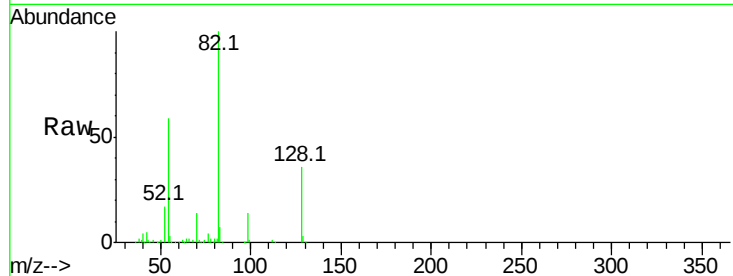




#23
 Nitrobenzene-d5
 Concen: 93.833 ng
 RT: 9.45 min Scan# 998
 Delta R.T. -0.05 min
 Lab File: BG028969.D
 Acq: 29 Sep 2017 15:02

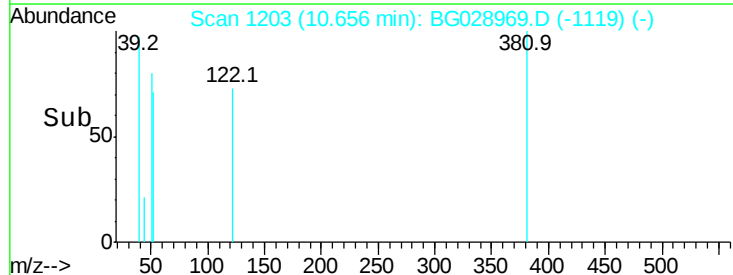
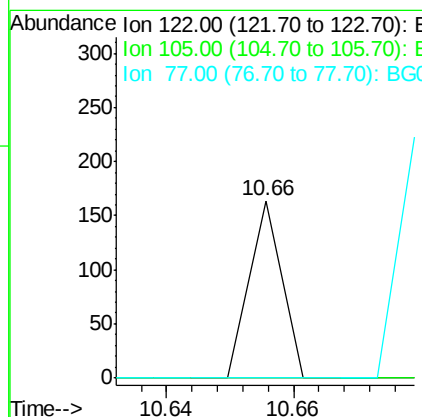
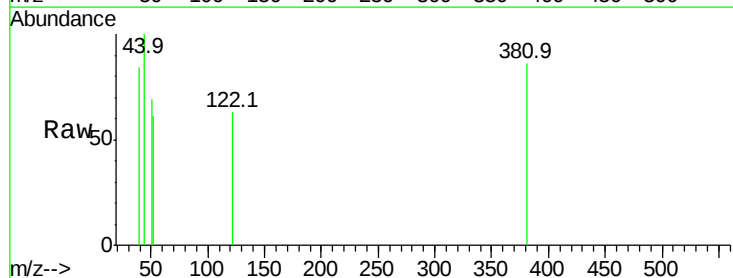
Instrument :
 BNA_G
 ClientSampleId :

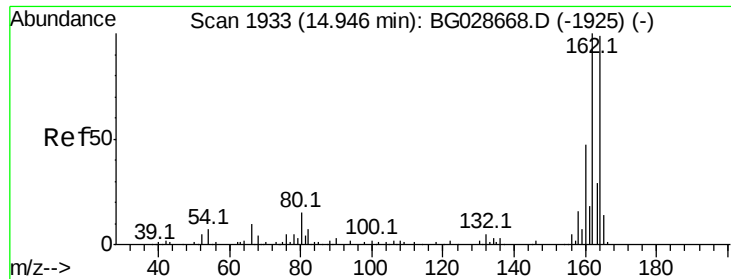
Tot Ion	82	Resp	249466
Ion	Ratio	Lower	Upper
82	100		
128	36.2	26.4	39.6
54	58.5	49.4	74.2



#32
 Benzoic acid
 Concen: 6.117 ng
 RT: 10.66 min Scan# 1203
 Delta R.T. 0.19 min
 Lab File: BG028969.D
 Acq: 29 Sep 2017 15:02

Tgt Ion	122	Resp	58
Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#

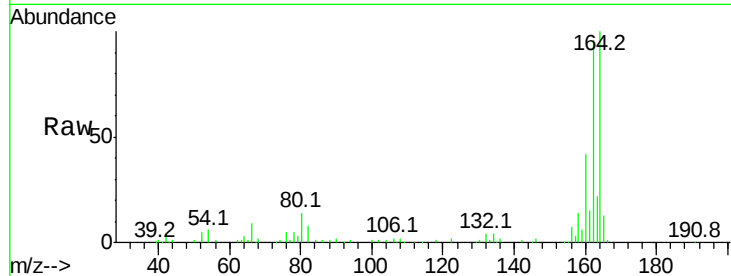




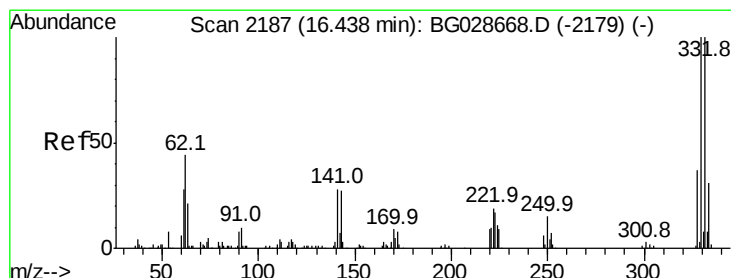
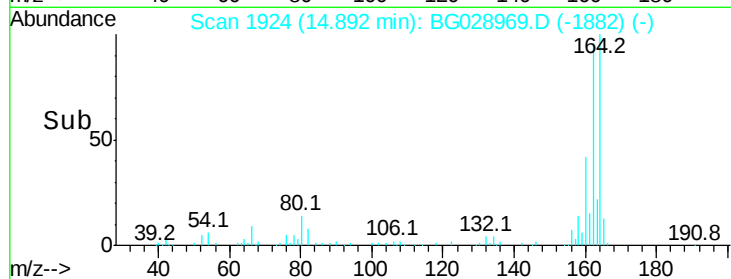
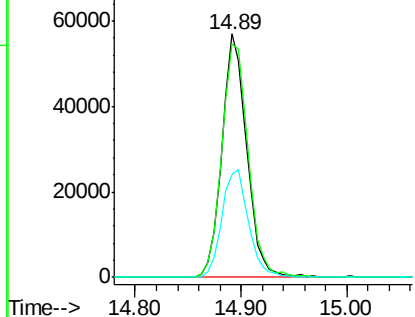
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028969.D
Acq: 29 Sep 2017 15:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 92660
Ion Ratio Lower Upper
164 100
162 95.8 85.1 127.7
160 42.2 34.7 52.1

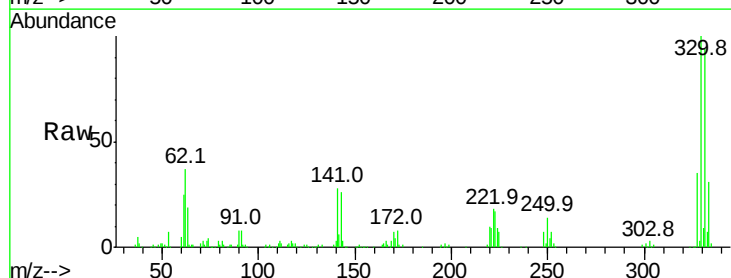


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

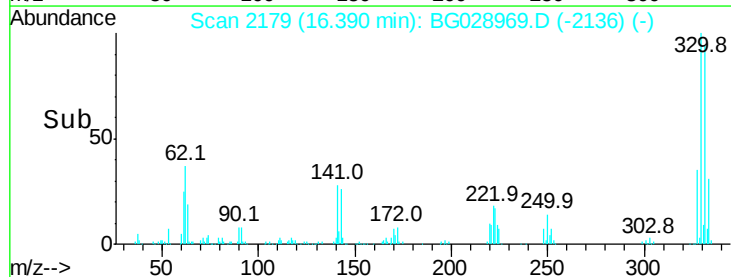
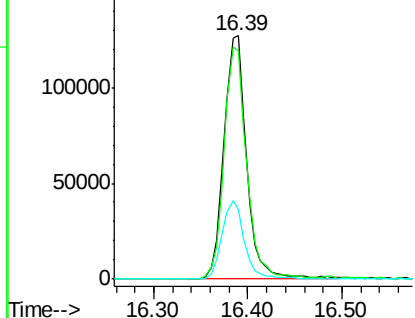


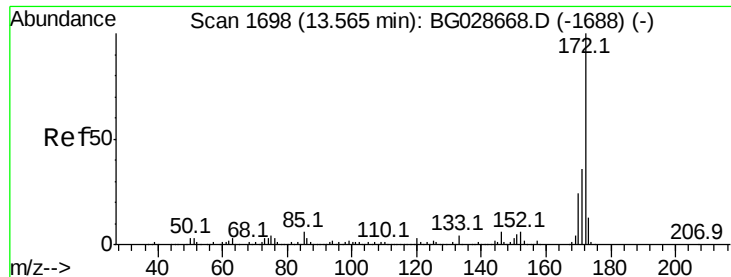
#41
2,4,6-Tribromophenol
Concen: 139.797 ng
RT: 16.39 min Scan# 2179
Delta R.T. -0.05 min
Lab File: BG028969.D
Acq: 29 Sep 2017 15:02

Tgt Ion:330 Resp: 214245
Ion Ratio Lower Upper
330 100
332 94.5 77.3 115.9
141 31.7 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

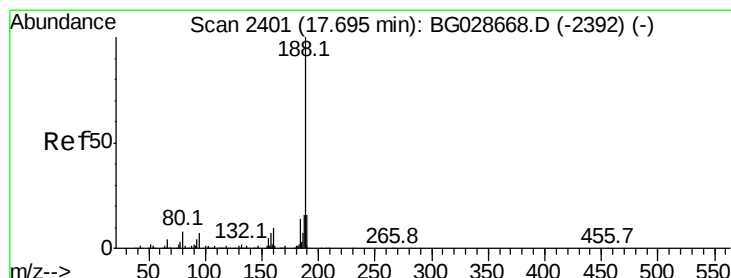
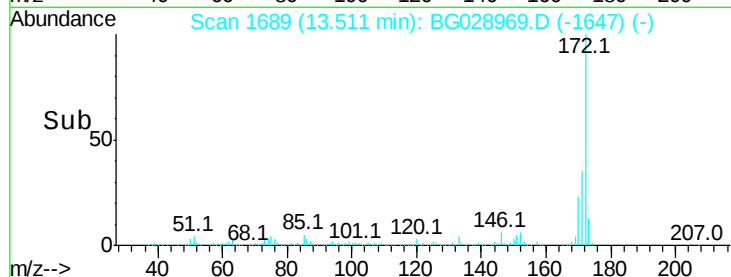
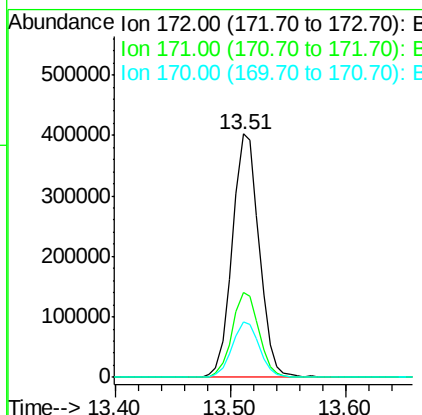
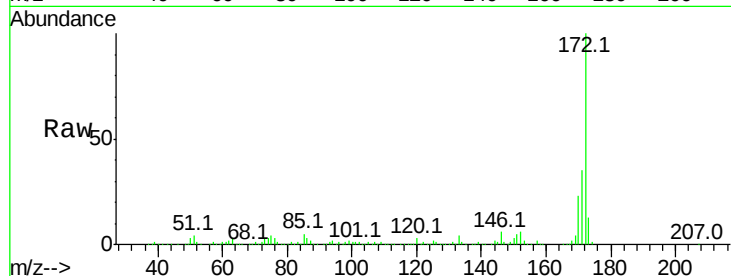




#44
2-Fluorobiphenyl
Concen: 93.224 ng
RT: 13.51 min Scan# 1689
Delta R.T. -0.05 min
Lab File: BG028969.D
Acq: 29 Sep 2017 15:02

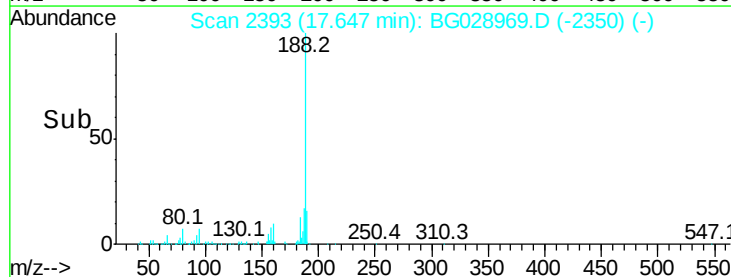
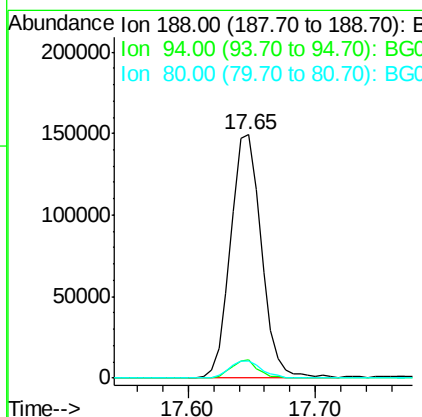
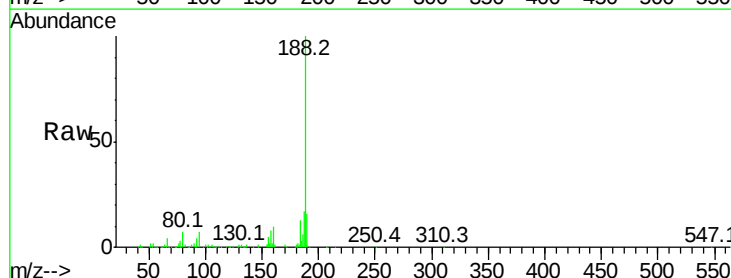
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 647820
Ion Ratio Lower Upper
172 100
171 34.7 32.2 48.2
170 22.8 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2393
Delta R.T. -0.05 min
Lab File: BG028969.D
Acq: 29 Sep 2017 15:02

Tgt Ion:188 Resp: 250917
Ion Ratio Lower Upper
188 100
94 7.4 5.8 8.8
80 6.9 7.5 11.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028969.D

Acq: 29 Sep 2017 15:02

Instrument :

BNA_G

ClientSampleId :

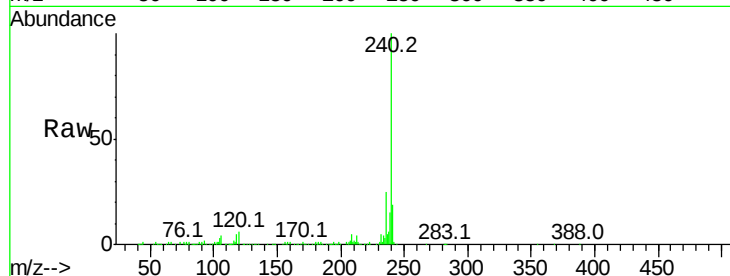
Tot Ion:240 Resp: 283751

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

236 25.3 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

200000

150000

100000

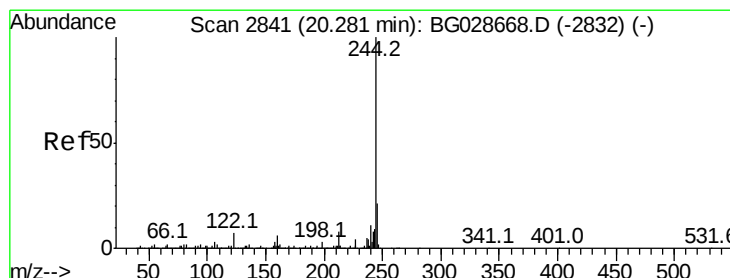
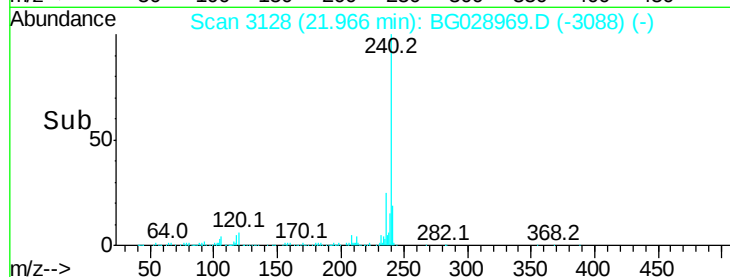
50000

0

21.97

21.90 22.00 22.10

Time-->



#78

Terphenyl-d14

Concen: 92.230 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028969.D

Acq: 29 Sep 2017 15:02

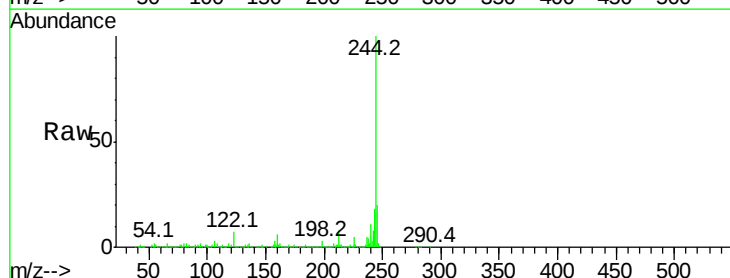
Tgt Ion:244 Resp: 1227173

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

122 6.9 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

1200000

1000000

800000

600000

400000

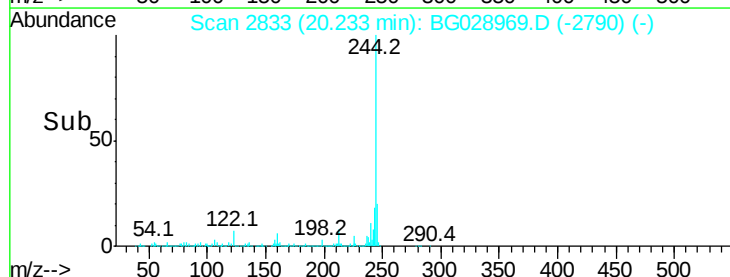
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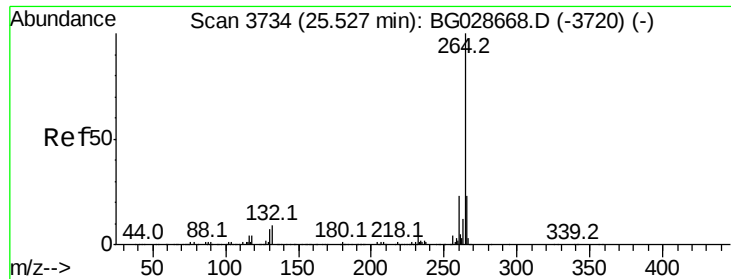
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20.23

20.20 20.30

Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.41 min Scan# 3715
Delta R.T. -0.11 min
Lab File: BG028969.D
Acq: 29 Sep 2017 15:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.1	21.8	32.8#
265	21.4	18.2	27.4

