

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092117\
 Data File : BG028869.D
 Acq On : 21 Sep 2017 22:23
 Operator : SJ/JU
 Sample : I5329-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 22 00:57:35 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

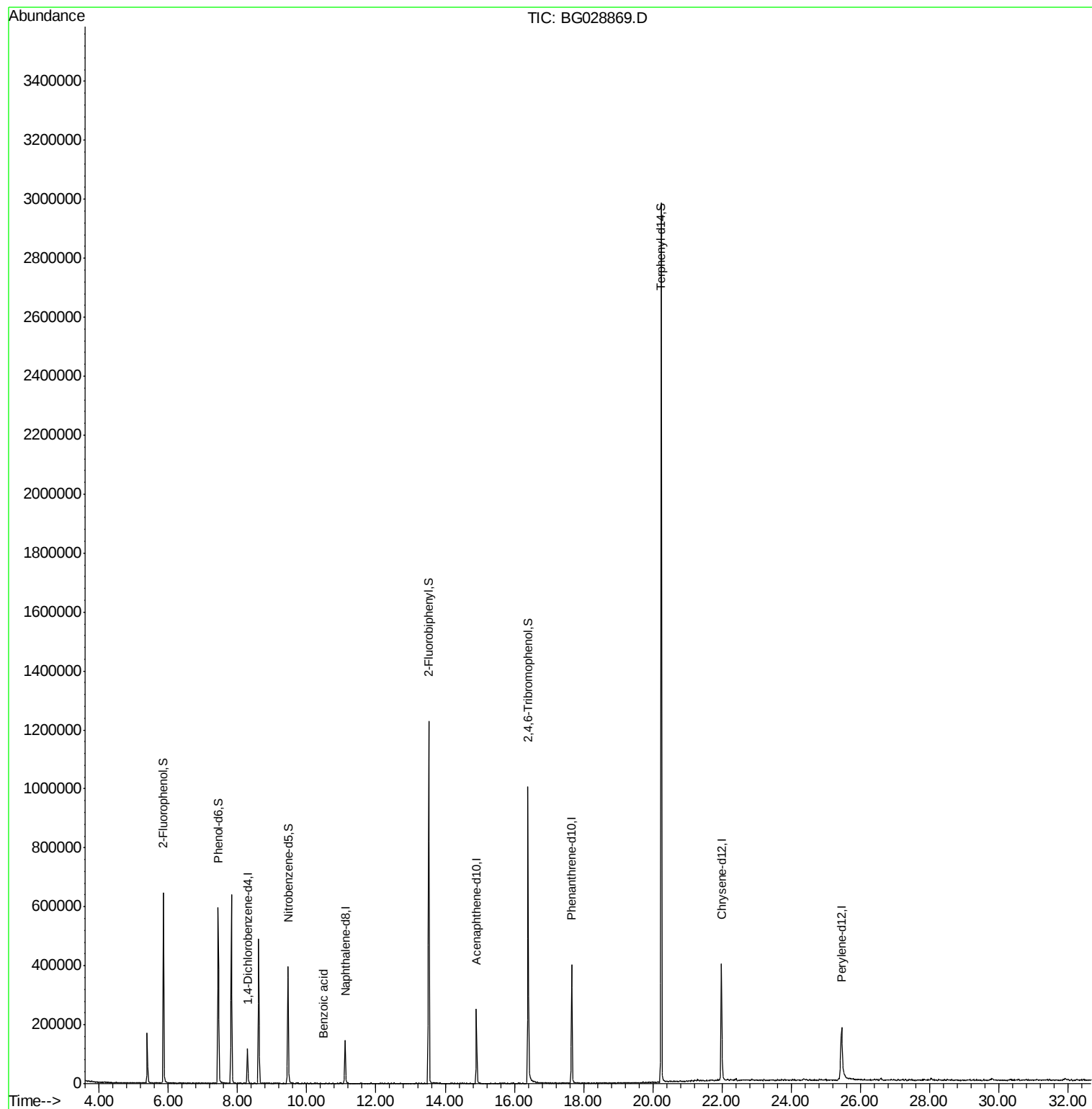
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	33827	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	131693	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	97117	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	272154	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	311364	20.00	ng	-0.05
86) Perylene-d12	25.46	264	292616	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	281543	137.33	ng	-0.05
7) Phenol-d6	7.44	99	360877	116.92	ng	-0.05
23) Nitrobenzene-d5	9.46	82	259322	94.20	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	238886	148.72	ng	-0.04
44) 2-Fluorobiphenyl	13.52	172	677181	92.98	ng	-0.04
78) Terphenyl-d14	20.25	244	1435945	98.35	ng	-0.04
Target Compounds						
32) Benzoic acid	10.49	122	60	6.12	ng	Qvalue # 1

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

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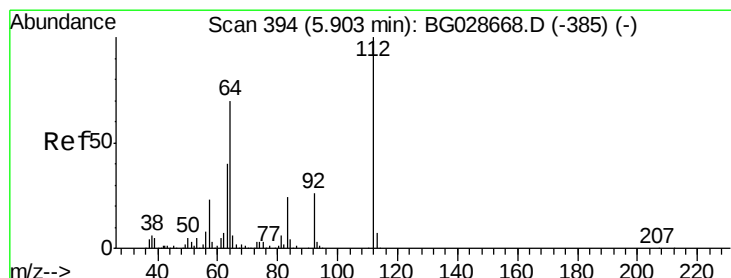
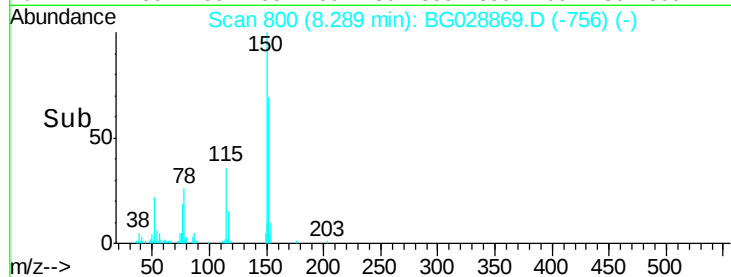
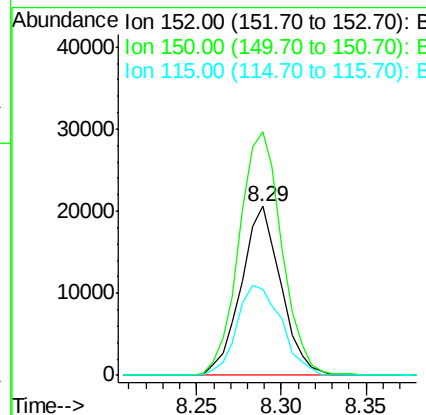
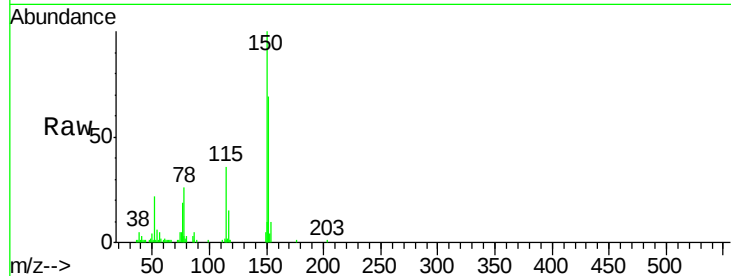


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028869.D
Acq: 21 Sep 2017 22:23

Instrument :
BNA_G
ClientSampleId :

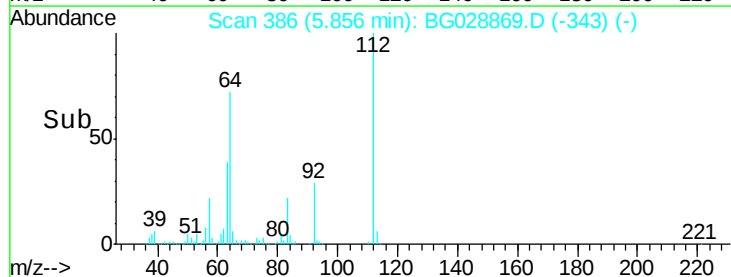
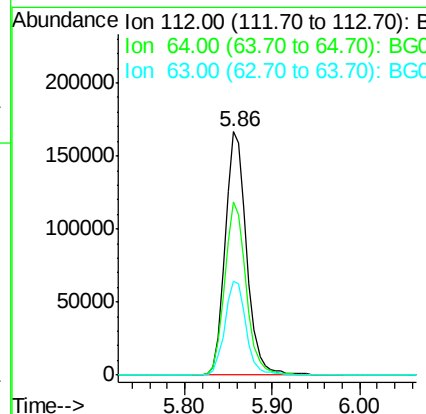
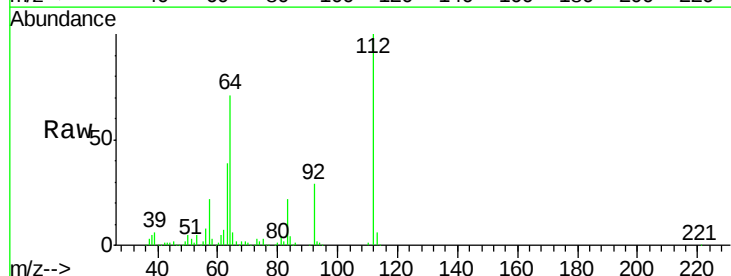
Tot Ion	Ratio	Lower	Upper
152	100		
150	144.0	114.0	171.0
115	51.2	48.1	72.1

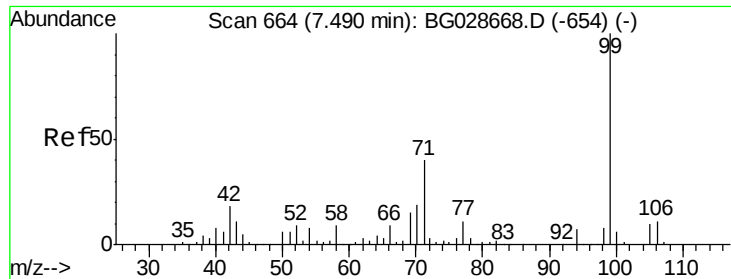


#5

2-Fluorophenol
Concen: 137.33 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028869.D
Acq: 21 Sep 2017 22:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.3	61.8	92.6
63	38.6	37.2	55.8





#7

Phenol-d6

Concen: 116.92 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028869.D

Acq: 21 Sep 2017 22:23

Instrument :

BNA_G

ClientSampleId :

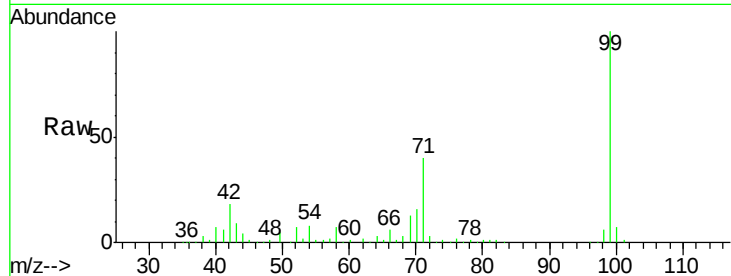
Tot Ion: 99 Resp: 360877

Ion Ratio Lower Upper

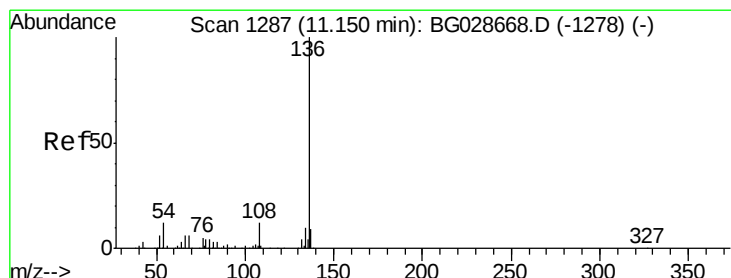
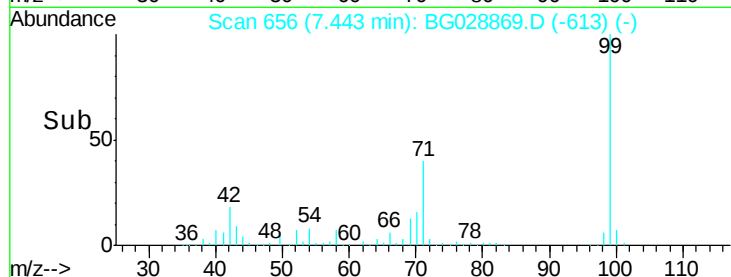
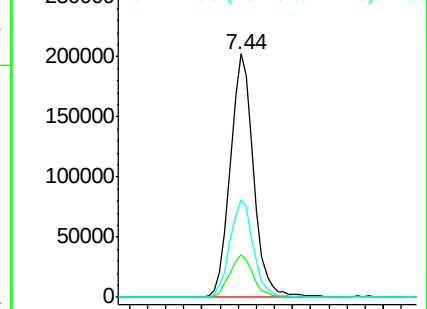
99 100

42 17.6 20.5 30.7#

71 40.1 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: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028869.D

Acq: 21 Sep 2017 22:23

Tgt Ion: 136 Resp: 131693

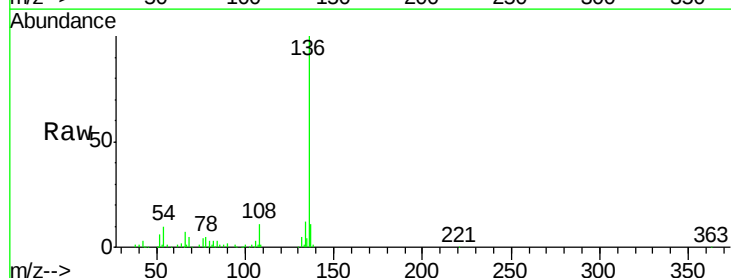
Ion Ratio Lower Upper

136 100

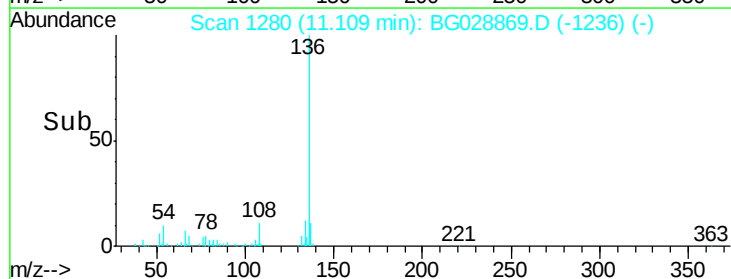
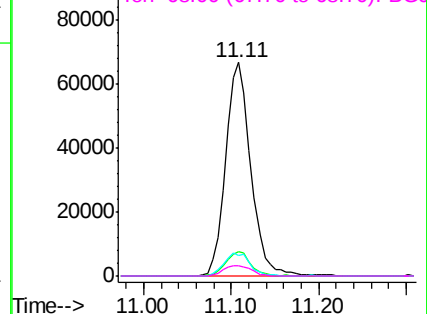
137 11.4 8.9 13.3

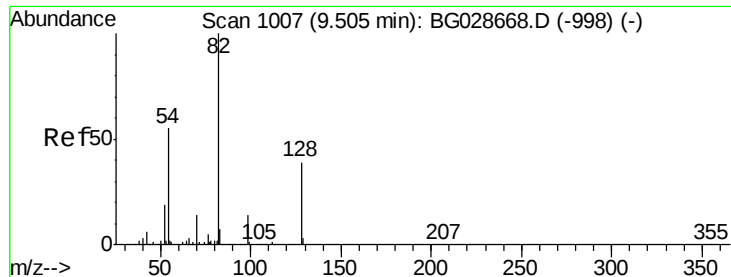
54 9.7 9.3 13.9

68 5.0 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

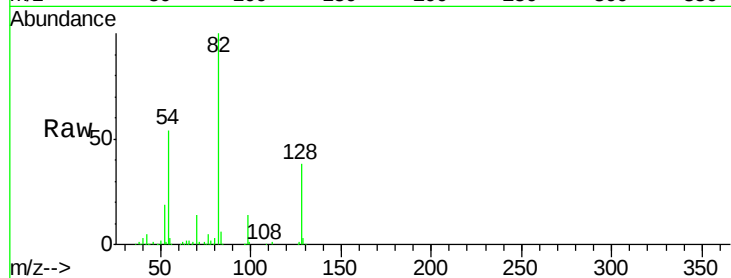




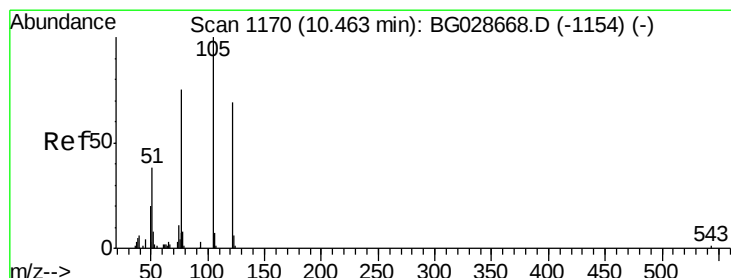
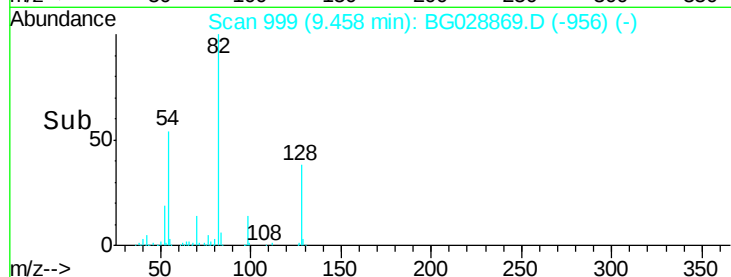
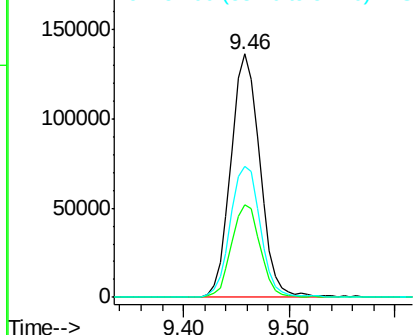
#23
 Nitrobenzene-d5
 Concen: 94.20 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.05 min
 Lab File: BG028869.D
 Acq: 21 Sep 2017 22:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	259322
Ion	Ratio	Lower	Upper
82	100		
128	37.8	26.4	39.6
54	53.6	49.4	74.2

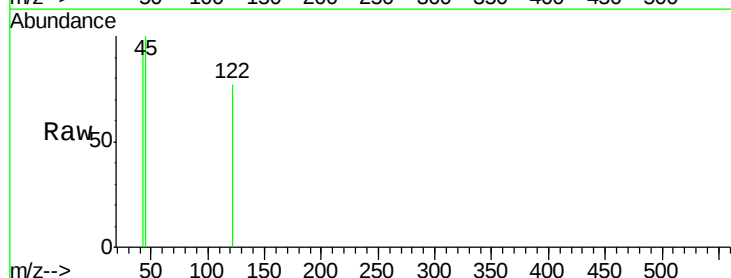


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

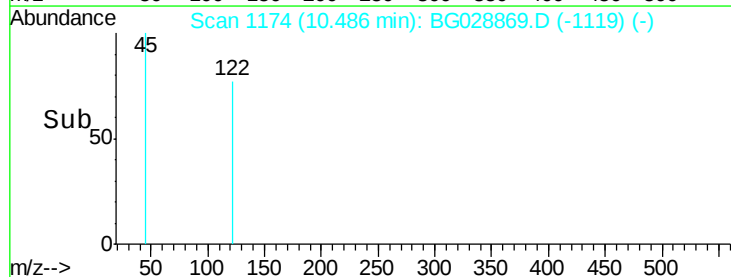
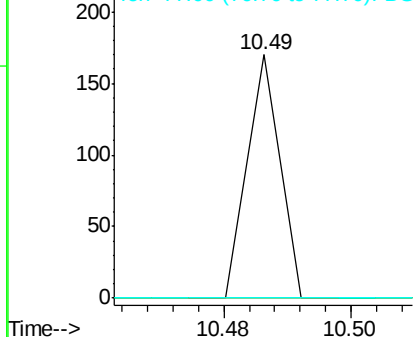


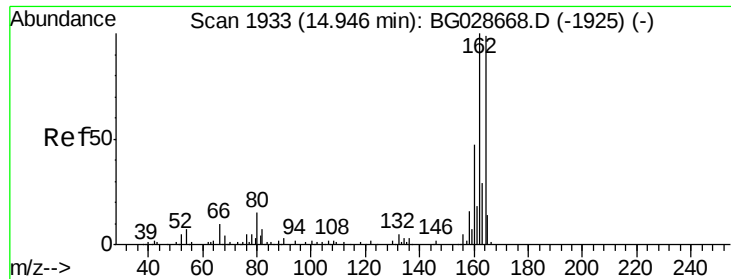
#32
 Benzoic acid
 Concen: 6.12 ng
 RT: 10.49 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BG028869.D
 Acq: 21 Sep 2017 22:23

Tgt Ion	122	Resp	60
Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC

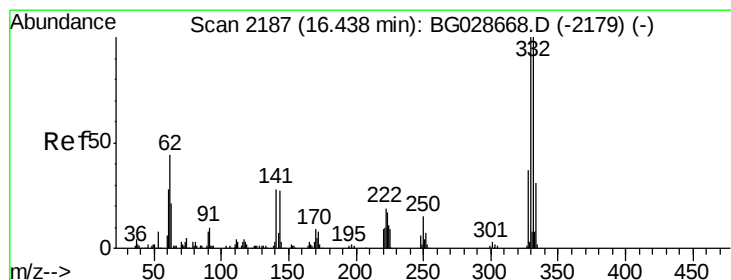
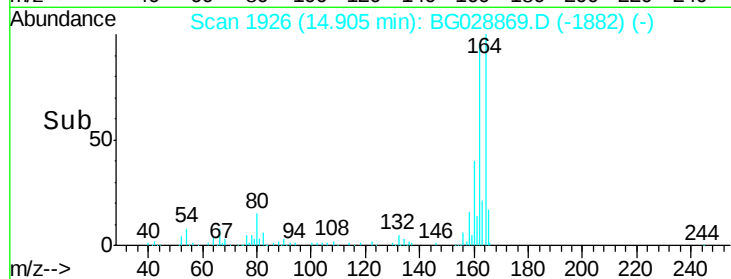
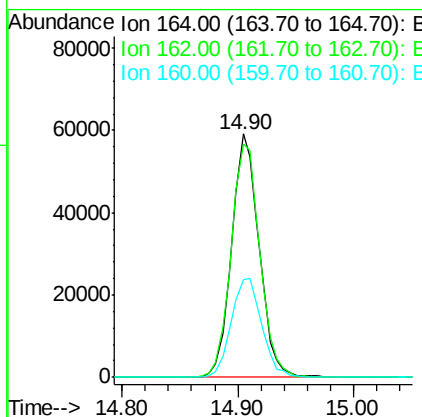
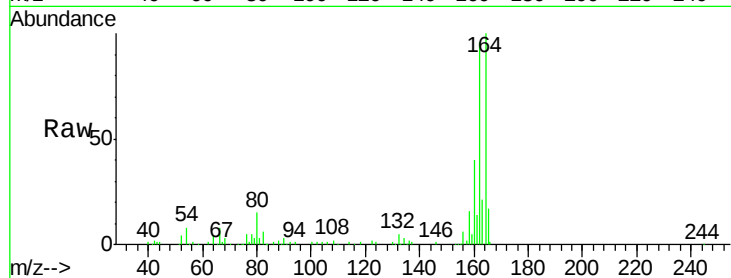




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.90 min Scan# 1926
Delta R.T. -0.04 min
Lab File: BG028869.D
Acq: 21 Sep 2017 22:23

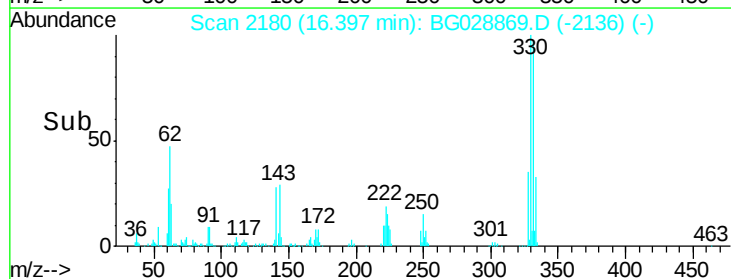
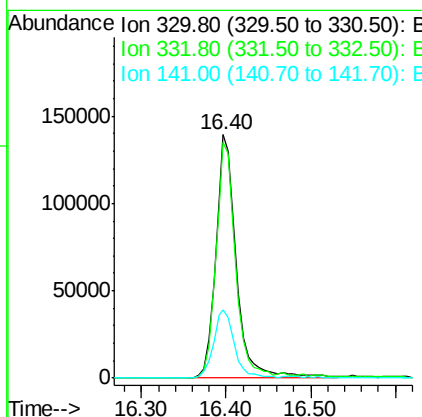
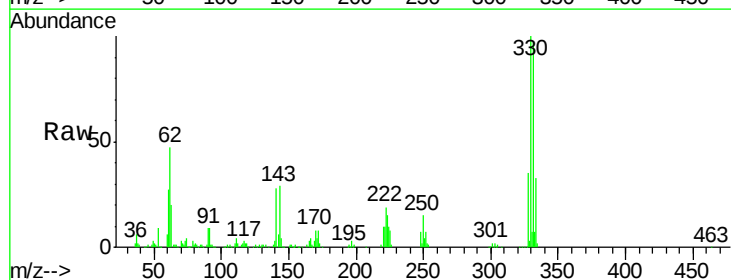
Instrument :
BNA_G
ClientSampleId :

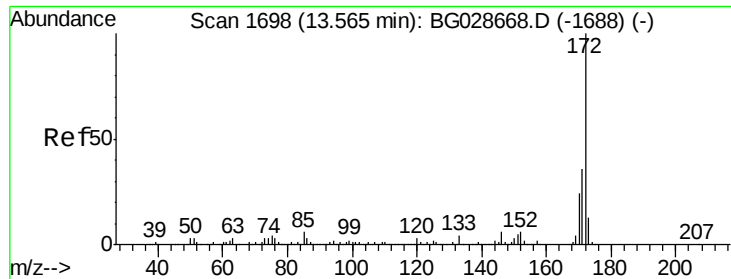
Tot Ion:164 Resp: 97117
Ion Ratio Lower Upper
164 100
162 95.7 85.1 127.7
160 39.9 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 148.72 ng
RT: 16.40 min Scan# 2180
Delta R.T. -0.04 min
Lab File: BG028869.D
Acq: 21 Sep 2017 22:23

Tgt Ion:330 Resp: 238886
Ion Ratio Lower Upper
330 100
332 92.0 77.3 115.9
141 28.5 32.1 48.1#



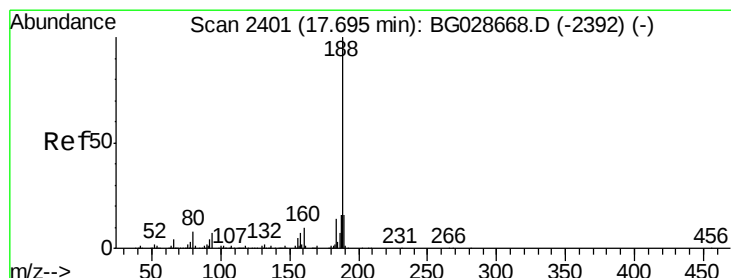
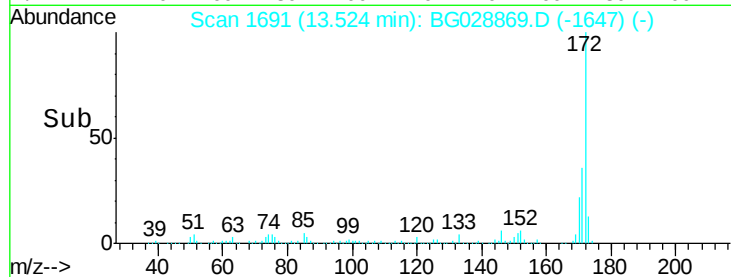
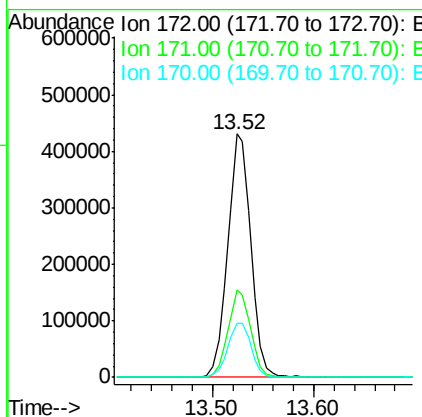
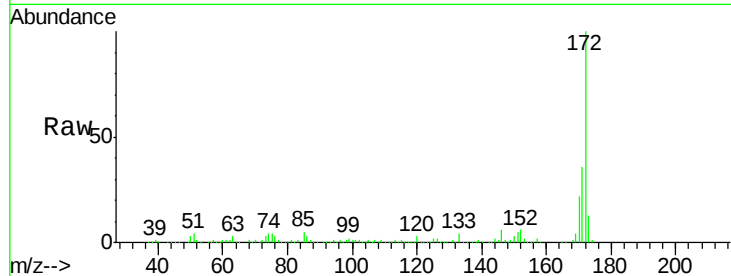


#44
 2-Fluorobiphenyl
 Concen: 92.98 ng
 RT: 13.52 min Scan# 1691
 Delta R.T. -0.04 min
 Lab File: BG028869.D
 Acq: 21 Sep 2017 22:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 677181

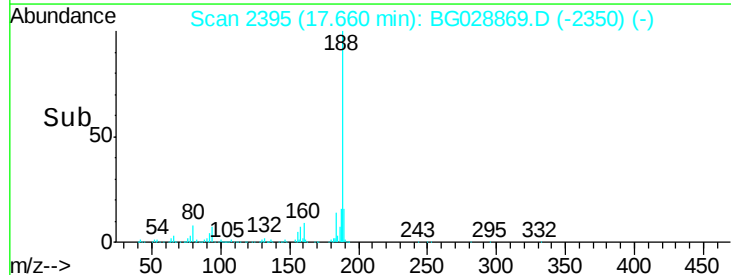
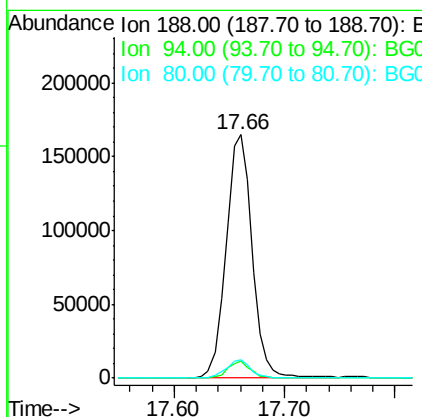
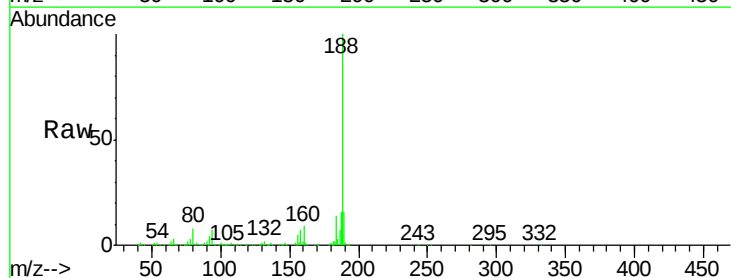
Ion	Ratio	Lower	Upper
172	100		
171	35.9	32.2	48.2
170	22.2	21.8	32.6

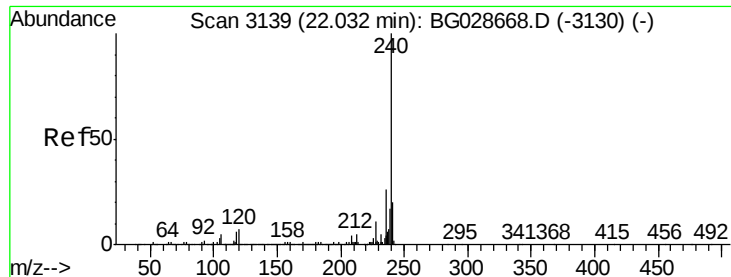


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.66 min Scan# 2395
 Delta R.T. -0.04 min
 Lab File: BG028869.D
 Acq: 21 Sep 2017 22:23

Tgt Ion:188 Resp: 272154

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.8	8.8
80	7.6	7.5	11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028869.D

Acq: 21 Sep 2017 22:23

Instrument :

BNA_G

ClientSampleId :

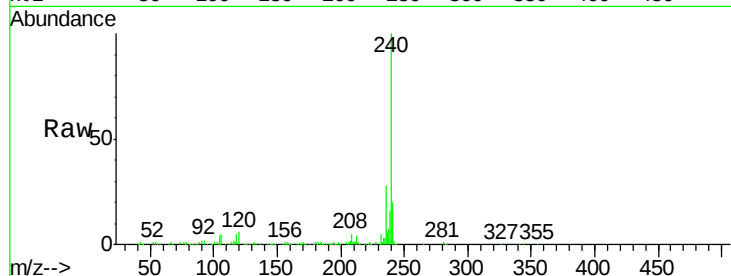
Tot Ion:240 Resp: 311364

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

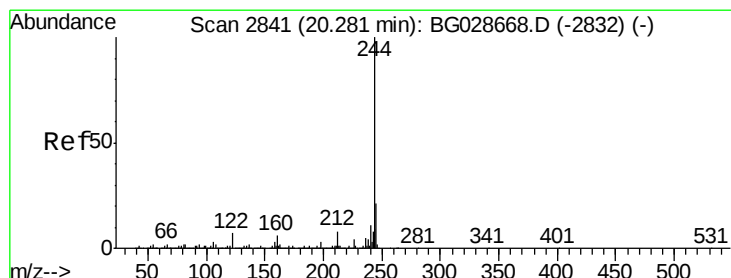
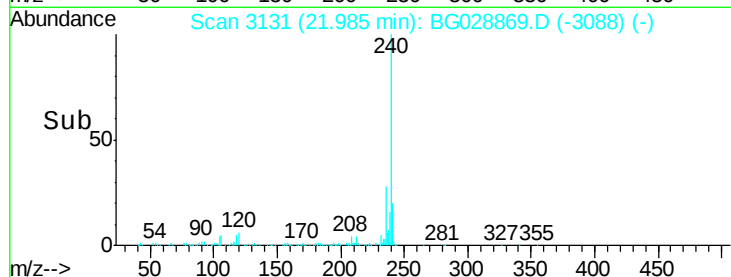
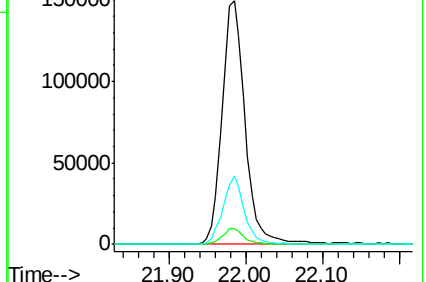
236 27.9 22.2 33.4



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: 98.35 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028869.D

Acq: 21 Sep 2017 22:23

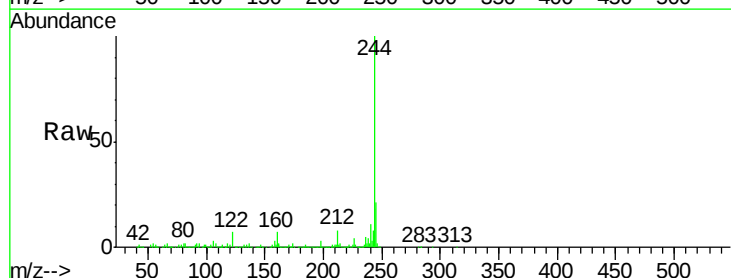
Tgt Ion:244 Resp: 1435945

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

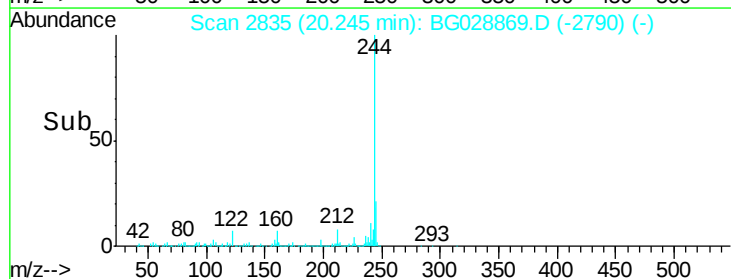
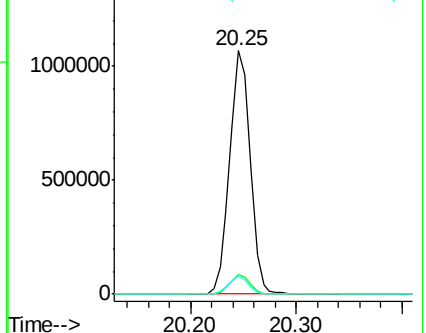
122 7.4 8.6 12.8#

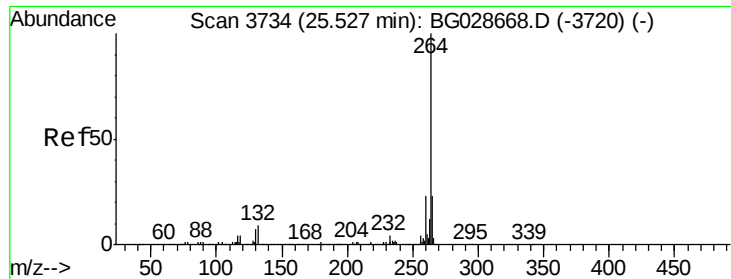


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

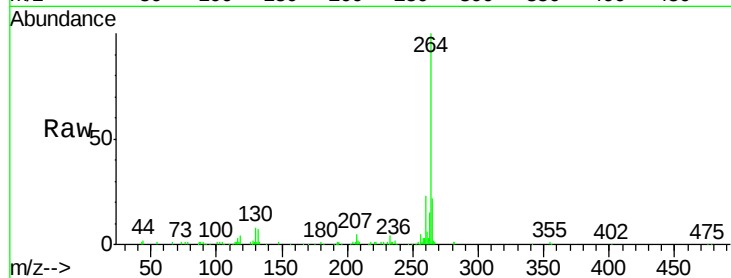




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.46 min Scan# 3722
 Delta R.T. -0.07 min
 Lab File: BG028869.D
 Acq: 21 Sep 2017 22:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	21.8	32.8
265	22.0	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

