

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 :
 CL-01092017-COMP

Quant Time: Sep 22 02:02:41 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

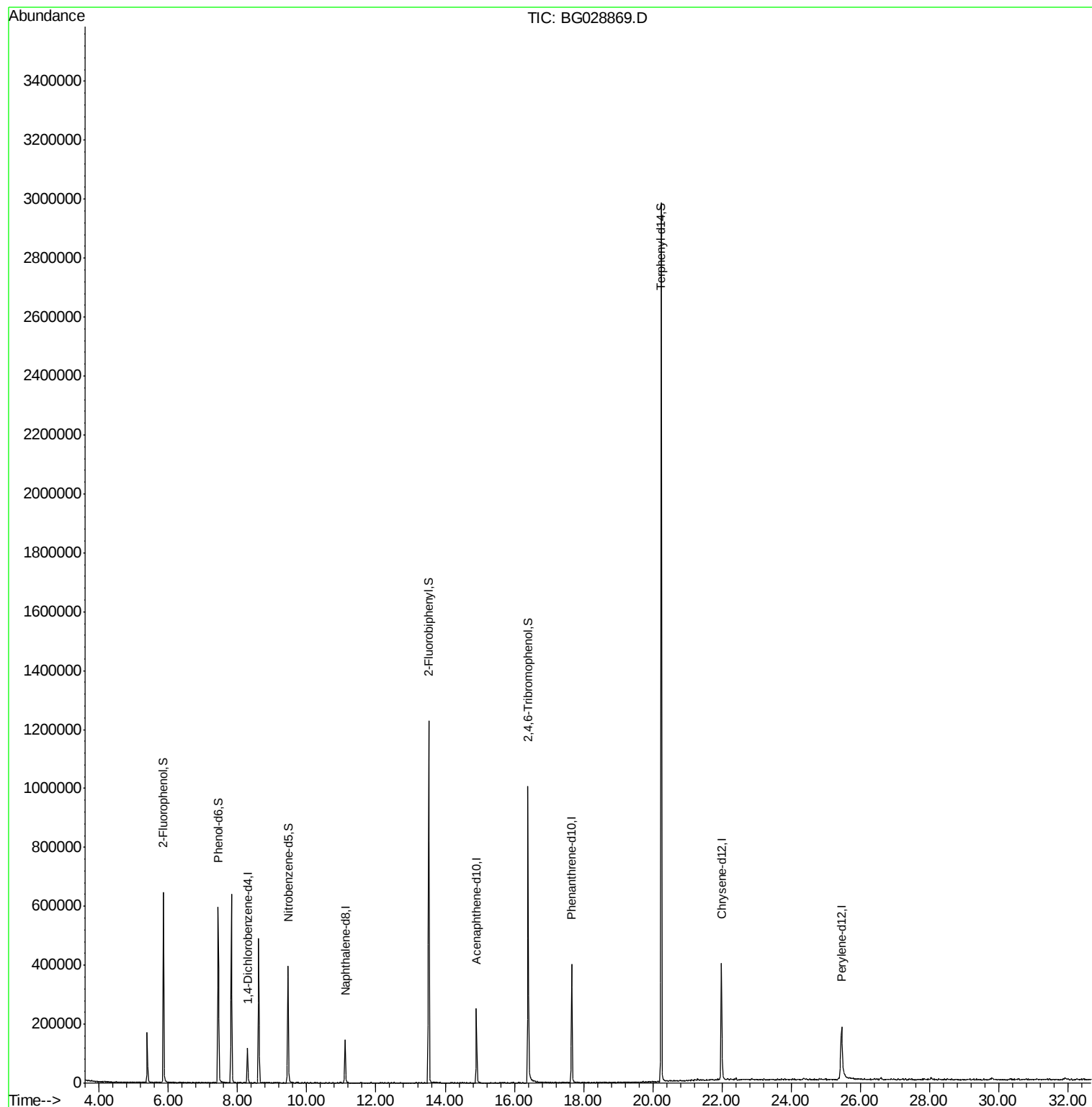
Target Compounds Qvalue

(#) = 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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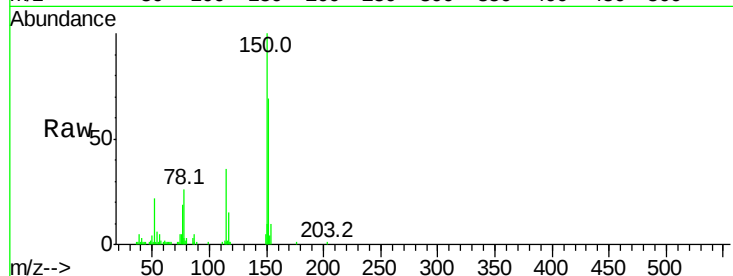
Tot Ion:152 Resp: 33827

Ion Ratio Lower Upper

152 100

150 144.0 114.0 171.0

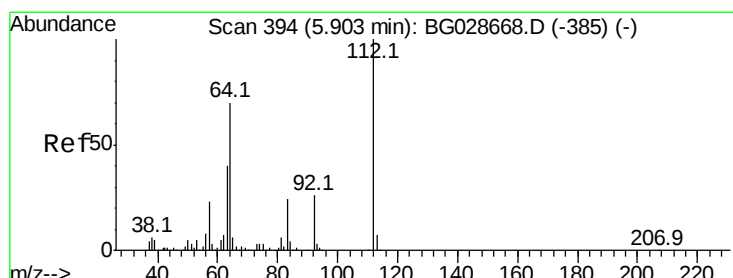
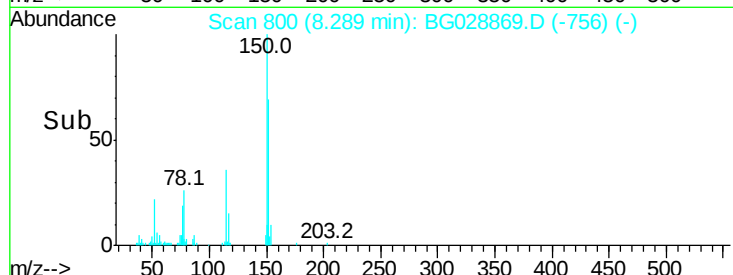
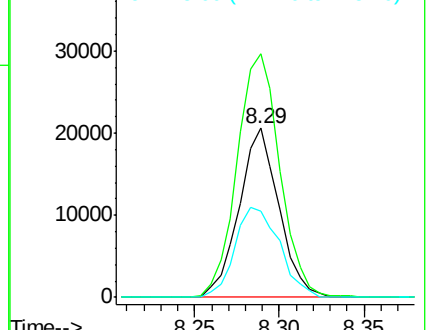
115 51.2 48.1 72.1



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: 137.334 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028869.D

Acq: 21 Sep 2017 22:23

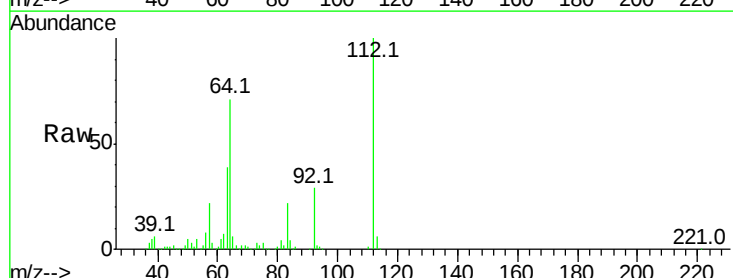
Tgt Ion:112 Resp: 281543

Ion Ratio Lower Upper

112 100

64 71.3 61.8 92.6

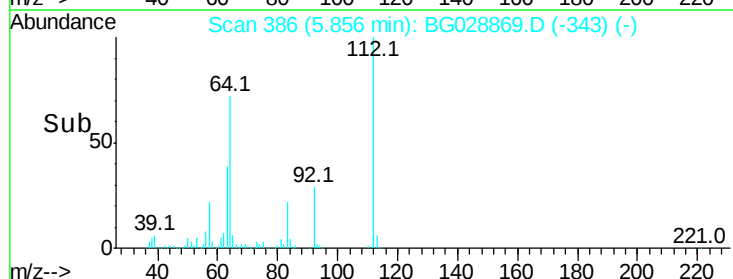
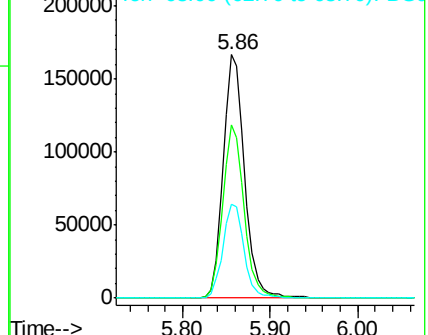
63 38.6 37.2 55.8



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: 116.917 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 :

CL-01092017-COMP

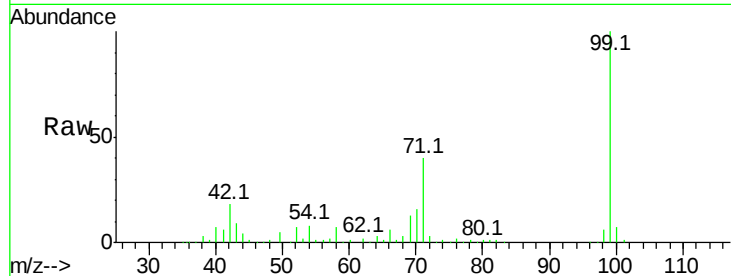
Tot Ion: 99 Resp: 360877

Ion Ratio Lower Upper

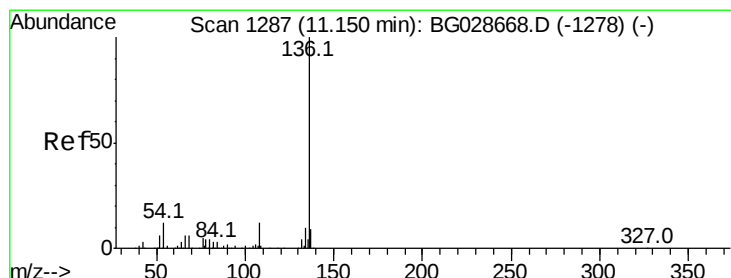
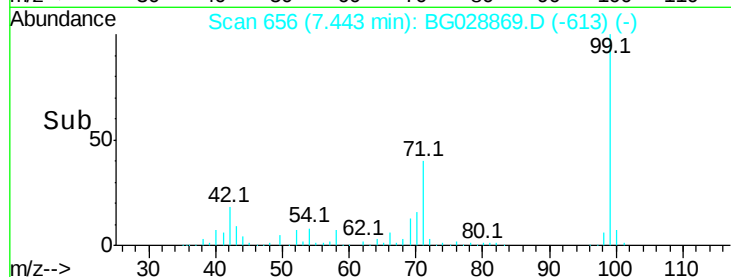
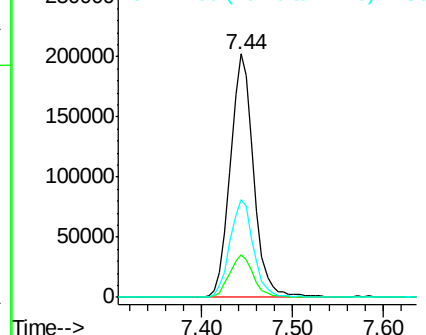
99 100

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: 20.000 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

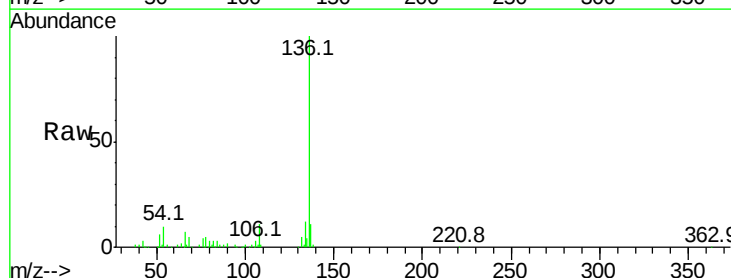
Ion Ratio Lower Upper

136 100

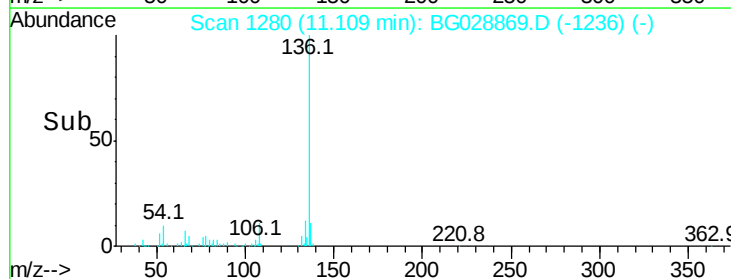
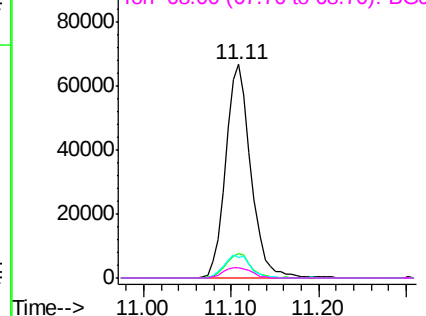
137 11.4 8.9 13.3

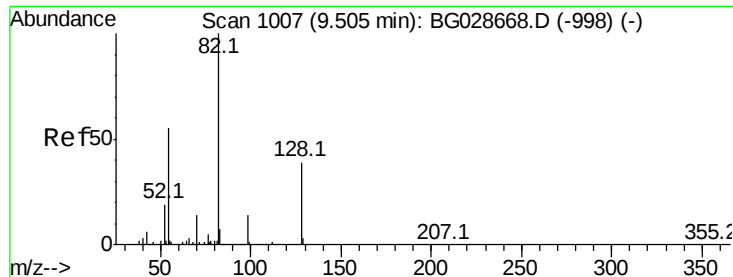
54 9.7 9.3 13.9

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

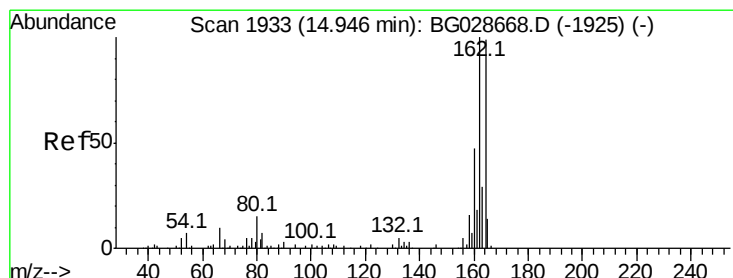
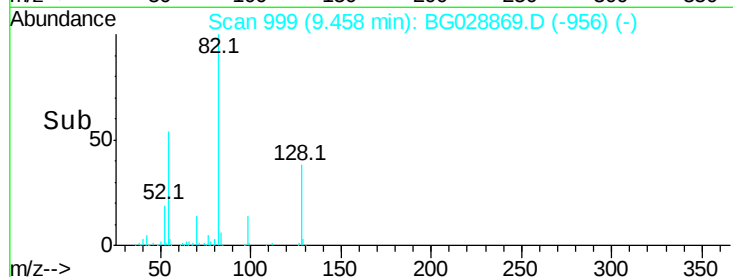
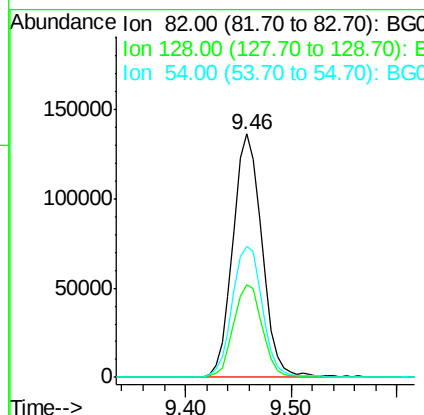
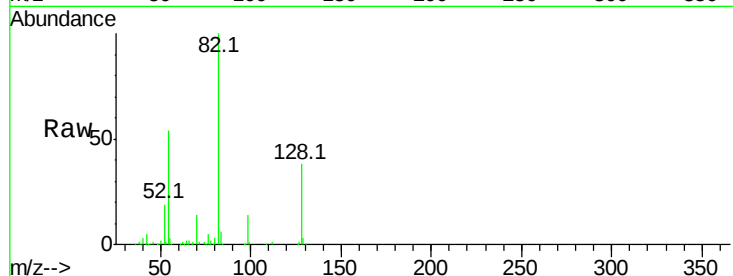




#23
 Nitrobenzene-d5
 Concen: 94.199 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.05 min
 Lab File: BG028869.D
 Acq: 21 Sep 2017 22:23

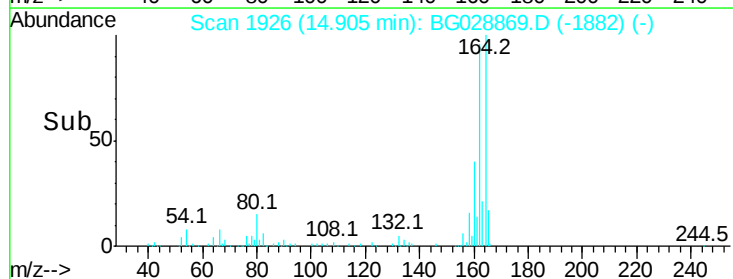
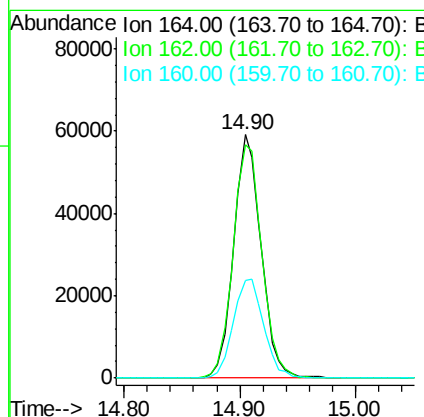
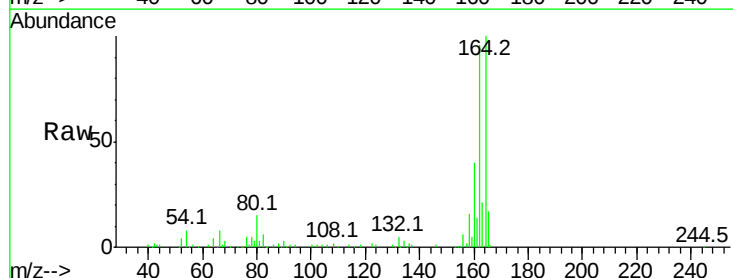
Instrument :
 BNA_G
 ClientSampleId :
 CL-01092017-COMP

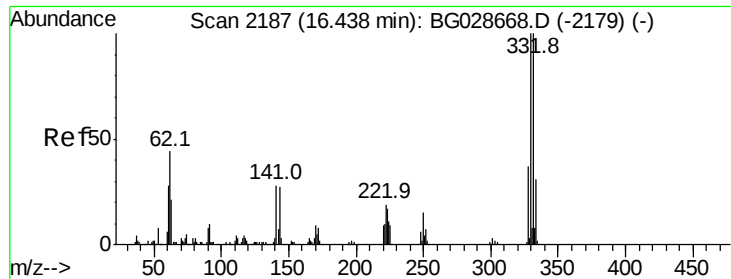
Tot Ion	82	Resp	259322
Ion	Ratio	Lower	Upper
82	100		
128	37.8	26.4	39.6
54	53.6	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.90 min Scan# 1926
 Delta R.T. -0.04 min
 Lab File: BG028869.D
 Acq: 21 Sep 2017 22:23

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

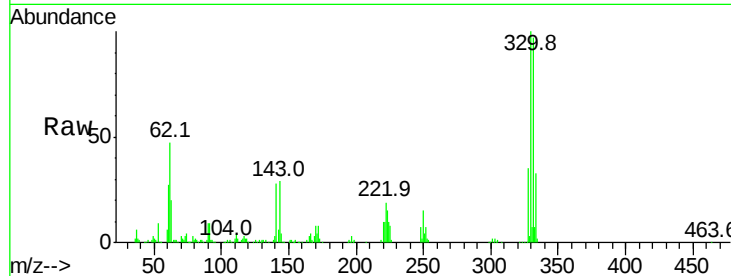




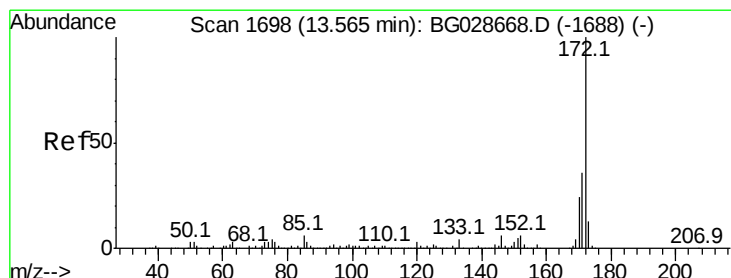
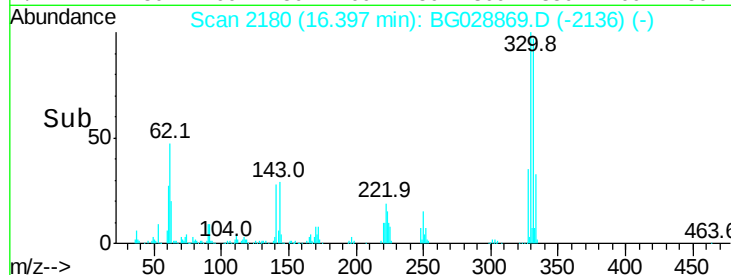
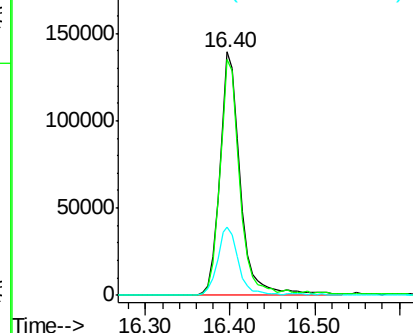
#41
 2,4,6-Tribromophenol
 Concen: 148.722 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028869.D
 Acq: 21 Sep 2017 22:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-01092017-COMP

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

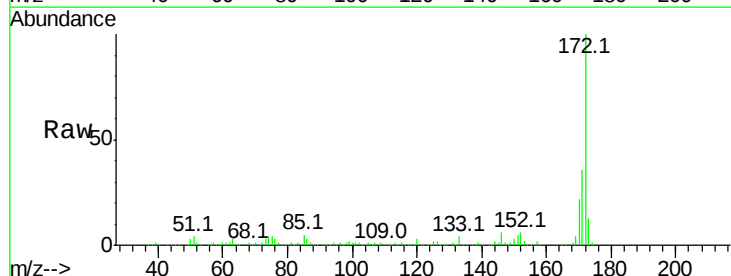


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

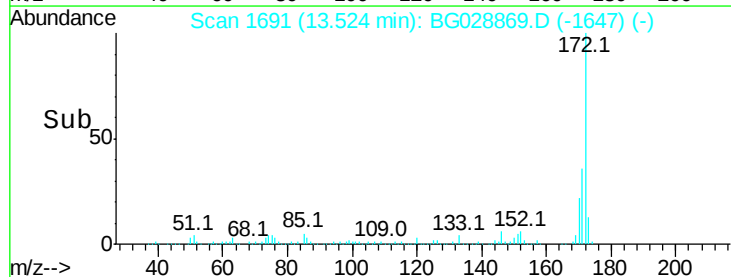
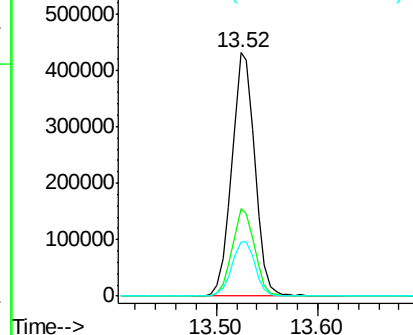


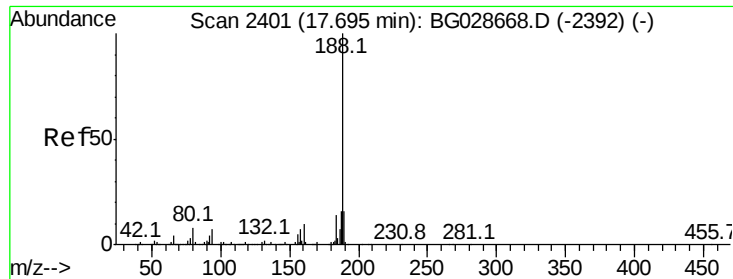
#44
 2-Fluorobiphenyl
 Concen: 92.977 ng
 RT: 13.52 min Scan# 1691
 Delta R.T. -0.04 min
 Lab File: BG028869.D
 Acq: 21 Sep 2017 22:23

Tgt Ion:172 Resp: 677181
 Ion Ratio Lower Upper
 172 100
 171 35.9 32.2 48.2
 170 22.2 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: 20.000 ng

RT: 17.66 min Scan# 2395

Delta R.T. -0.04 min

Lab File: BG028869.D

Acq: 21 Sep 2017 22:23

Instrument :

BNA_G

ClientSampleId :

CL-01092017-COMP

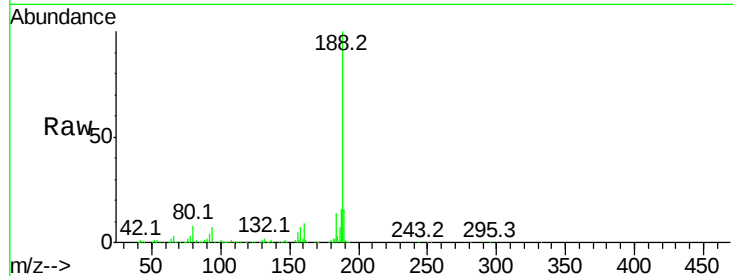
Tot Ion:188 Resp: 272154

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.8

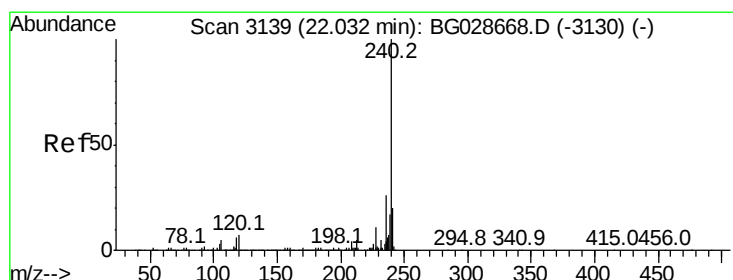
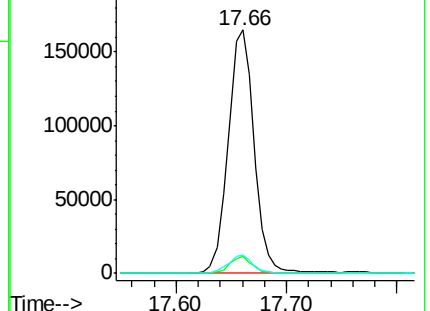
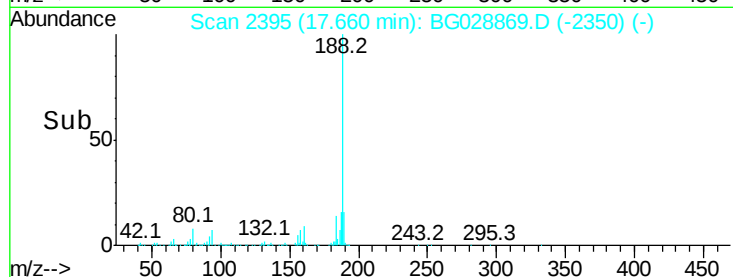
80 7.6 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028869.D

Acq: 21 Sep 2017 22:23

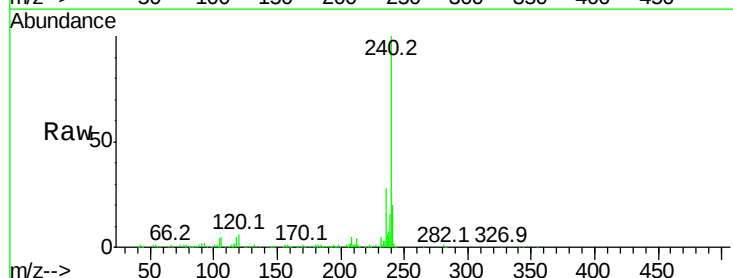
Tgt Ion:240 Resp: 311364

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

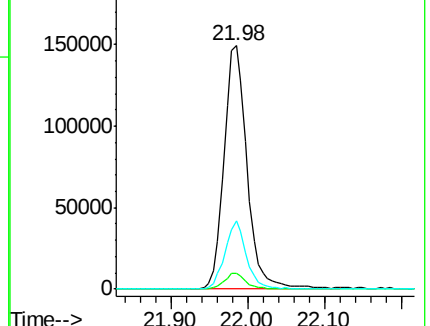
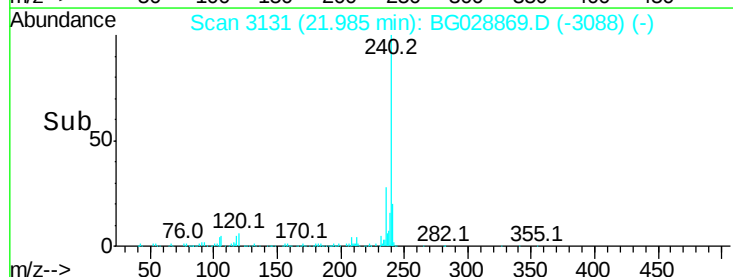
236 27.9 22.2 33.4

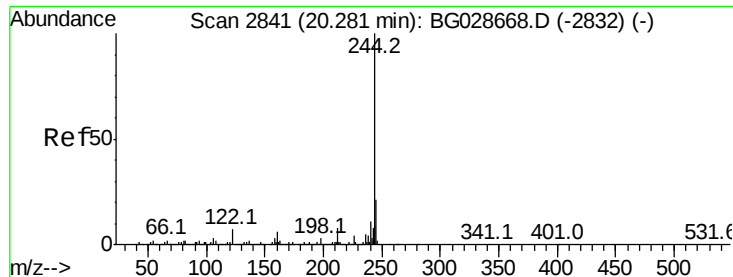


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.349 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028869.D

Acq: 21 Sep 2017 22:23

Instrument :

BNA_G

ClientSampleId :

CL-01092017-COMP

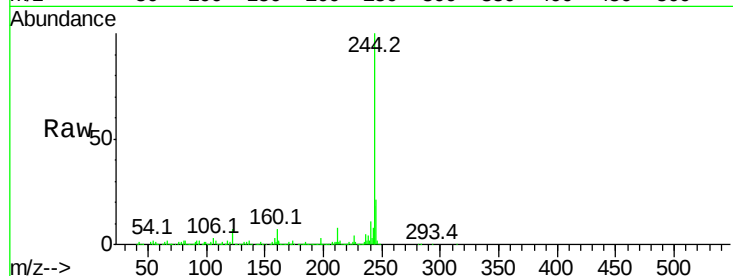
Tot Ion:244 Resp: 1435945

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

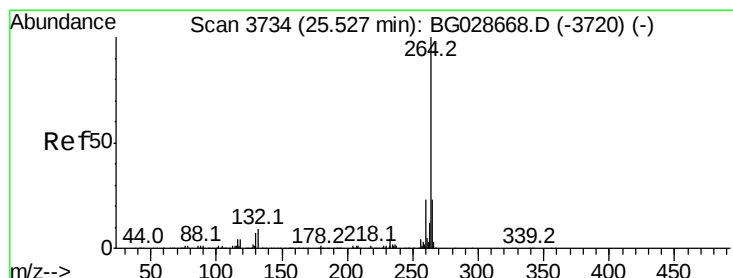
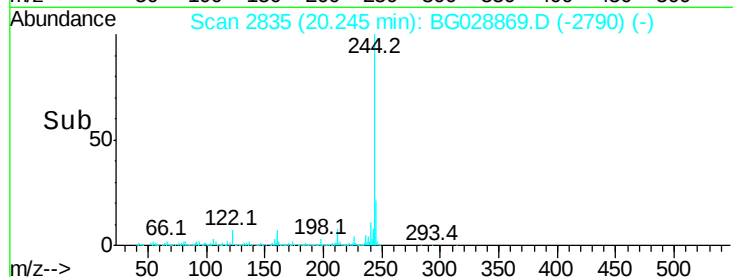
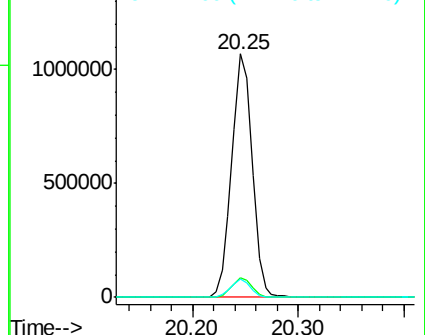
122 7.4 8.6 12.8#



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

Perylene-d12

Concen: 20.000 ng

RT: 25.46 min Scan# 3722

Delta R.T. -0.07 min

Lab File: BG028869.D

Acq: 21 Sep 2017 22:23

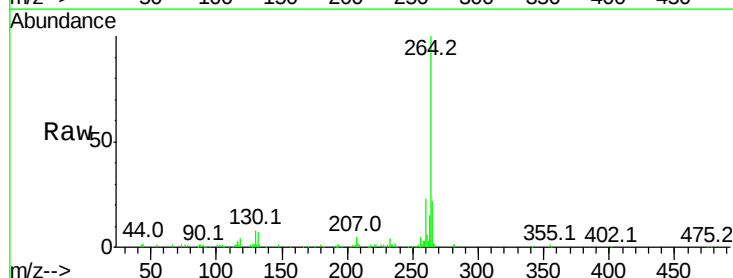
Tgt Ion:264 Resp: 292616

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

