

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
 Data File : BG028999.D
 Acq On : 1 Oct 2017 3:59
 Operator : SJ/JU
 Sample : I5551-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 01 04:38:57 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	8.25	152	39966	20.00	ng	-0.08
21) Naphthalene-d8	11.07	136	162052	20.00	ng	-0.08
38) Acenaphthene-d10	14.87	164	114570	20.00	ng	-0.07
63) Phenanthrene-d10	17.62	188	282385	20.00	ng	-0.07
75) Chrysene-d12	21.94	240	330693	20.00	ng	-0.09
86) Perylene-d12	25.37	264	345673	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.83	112	359169	148.29	ng	-0.07
7) Phenol-d6	7.42	99	450776	123.61	ng	-0.07
23) Nitrobenzene-d5	9.42	82	320935	94.74	ng	-0.08
41) 2,4,6-Tribromophenol	16.37	330	273919	144.55	ng	-0.07
44) 2-Fluorobiphenyl	13.49	172	810631	94.35	ng	-0.07
78) Terphenyl-d14	20.22	244	1434884	92.53	ng	-0.07

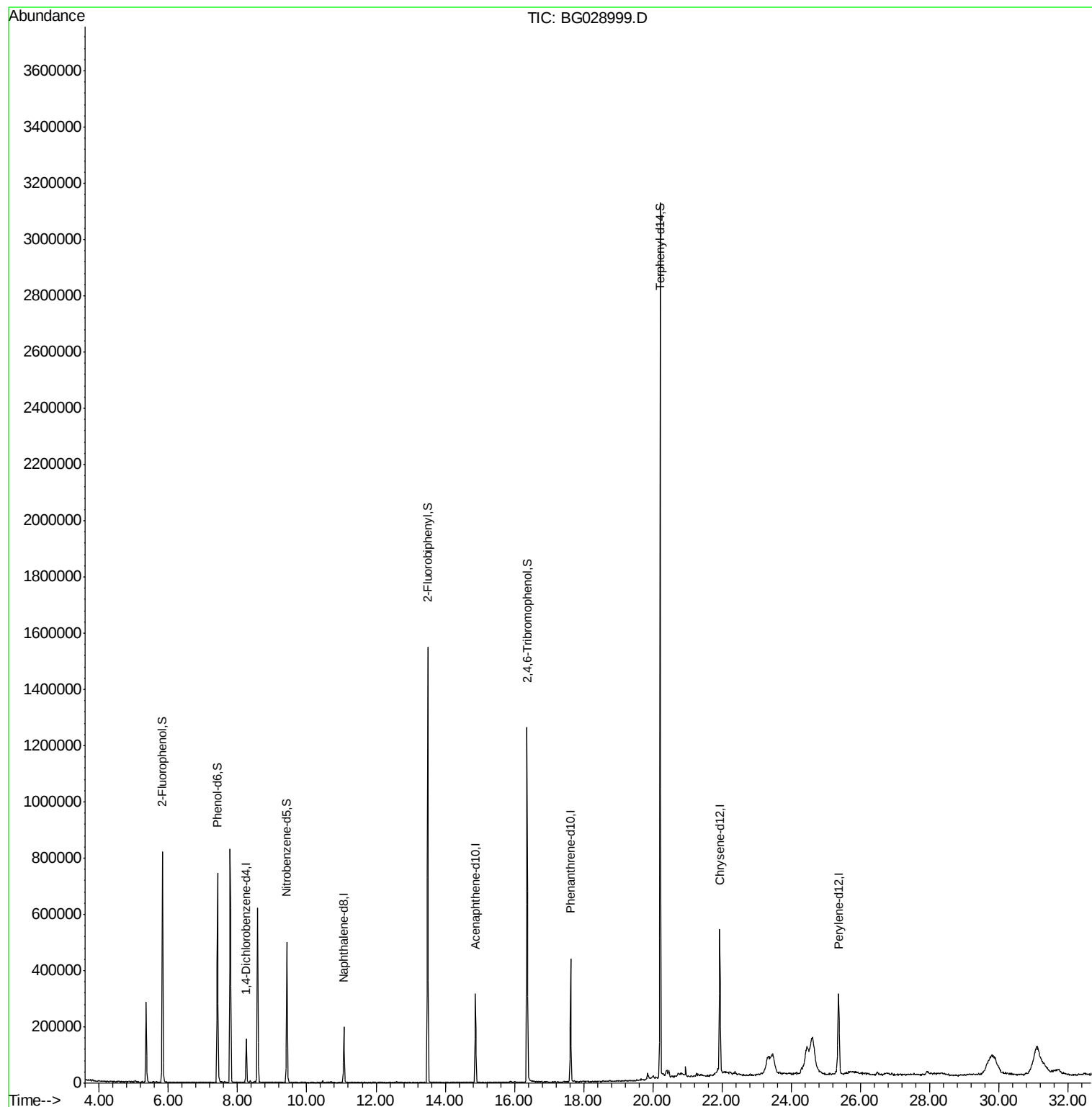
Target Compounds Qvalue

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

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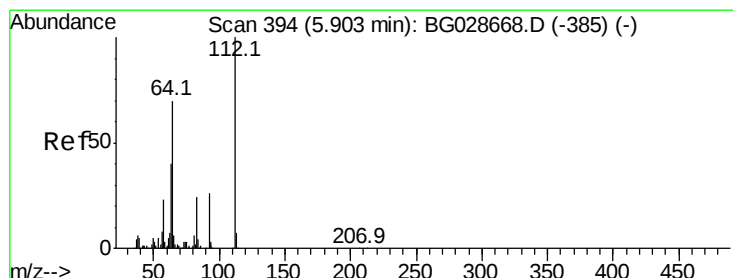
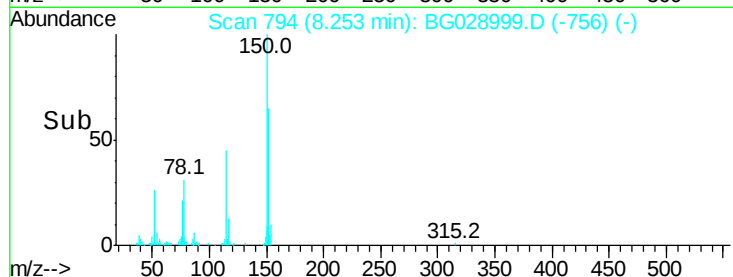
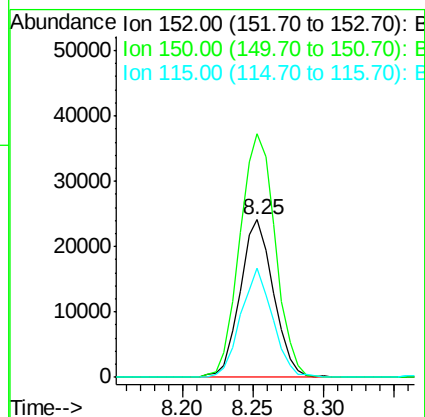
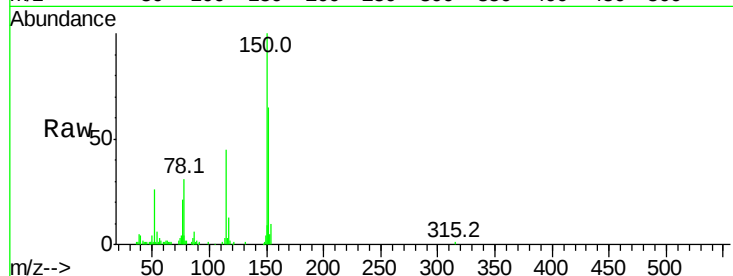


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.25 min Scan# 794
Delta R.T. -0.08 min
Lab File: BG028999.D
Acq: 1 Oct 2017 3:59

Instrument :
BNA_G
ClientSampleId :

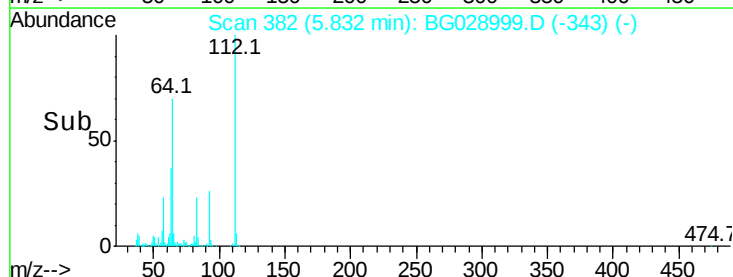
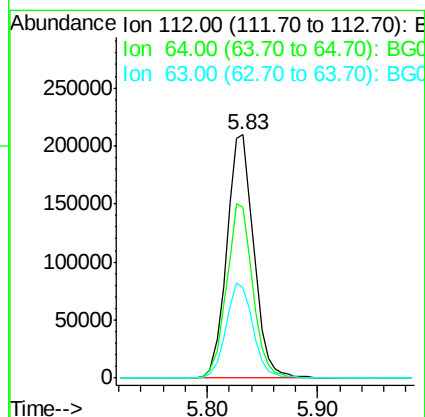
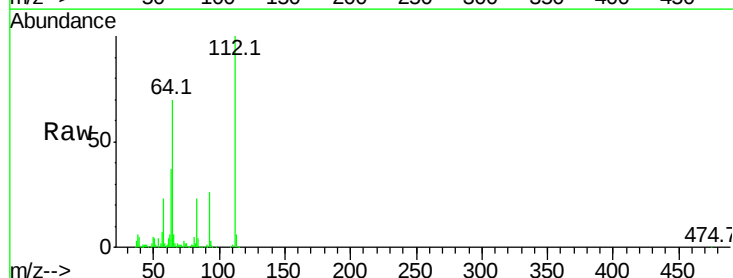
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	114.0	171.0
115	69.0	48.1	72.1



#5

2-Fluorophenol
Concen: 148.288 ng
RT: 5.83 min Scan# 382
Delta R.T. -0.07 min
Lab File: BG028999.D
Acq: 1 Oct 2017 3:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	61.8	92.6
63	37.2	37.2	55.8#





#7

Phenol-d6

Concen: 123.609 ng

RT: 7.42 min Scan# 652

Delta R.T. -0.07 min

Lab File: BG028999.D

Acq: 1 Oct 2017 3:59

Instrument :

BNA_G

ClientSampleId :

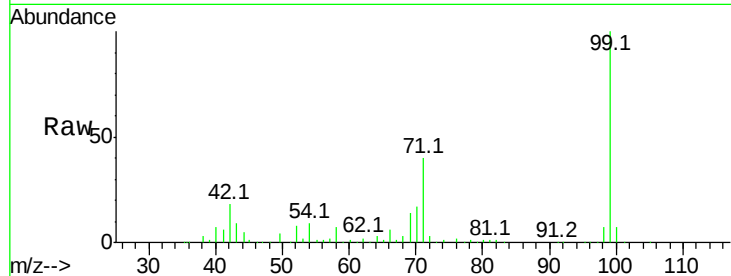
Tot Ion: 99 Resp: 450776

Ion Ratio Lower Upper

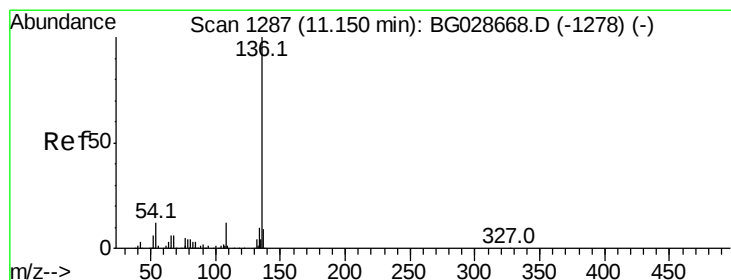
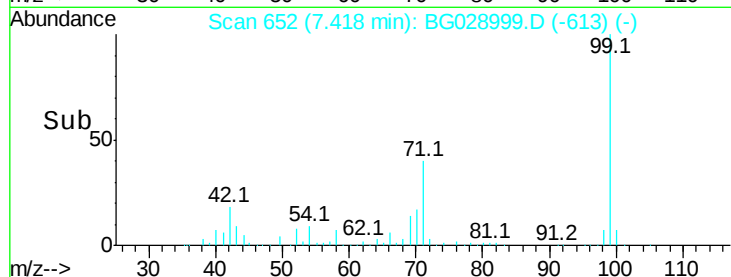
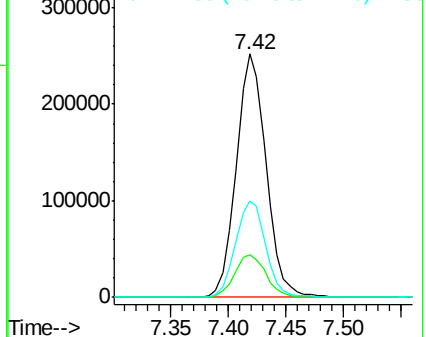
99 100

42 17.7 20.5 30.7#

71 39.7 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: 11.07 min Scan# 1274

Delta R.T. -0.08 min

Lab File: BG028999.D

Acq: 1 Oct 2017 3:59

Tgt Ion: 136 Resp: 162052

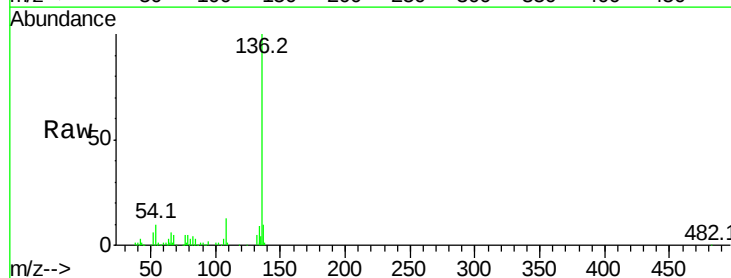
Ion Ratio Lower Upper

136 100

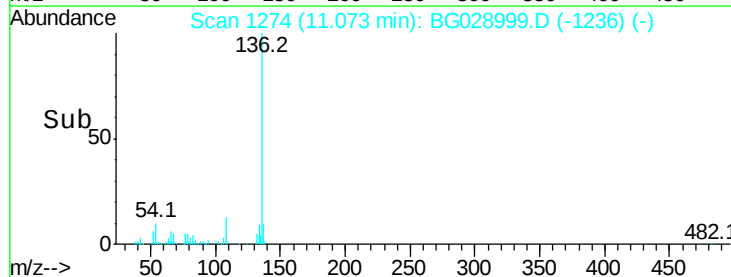
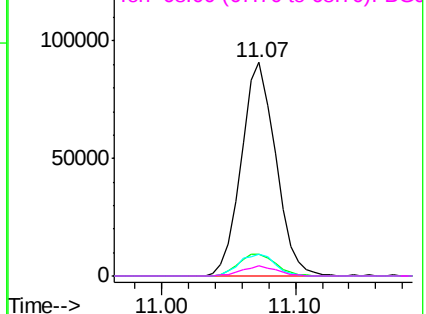
137 10.0 8.9 13.3

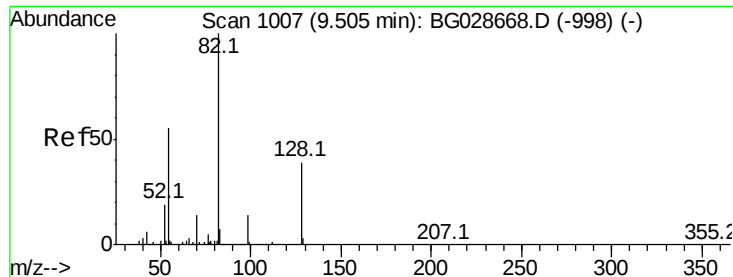
54 10.2 9.3 13.9

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

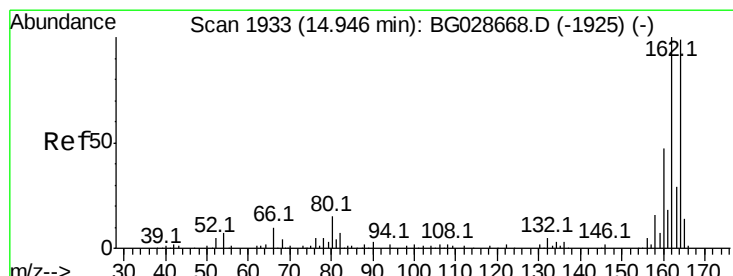
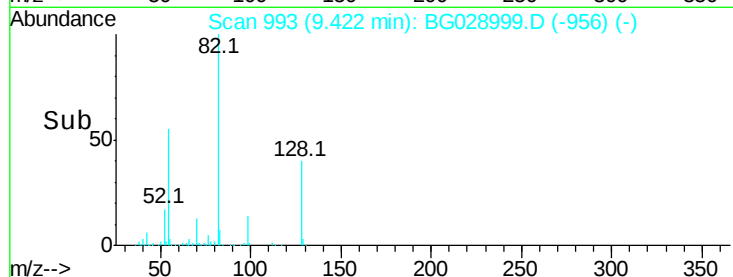
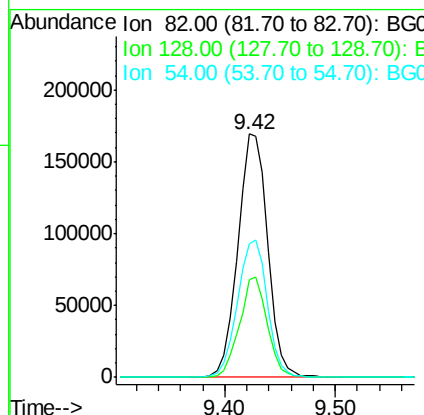
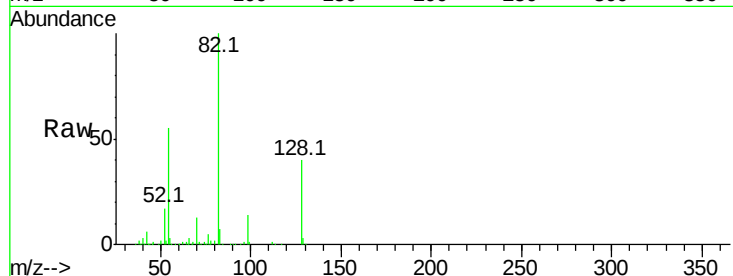




#23
Nitrobenzene-d5
Concen: 94.739 ng
RT: 9.42 min Scan# 993
Delta R.T. -0.08 min
Lab File: BG028999.D
Acq: 1 Oct 2017 3:59

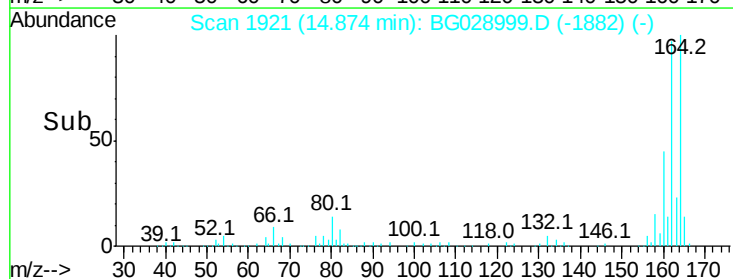
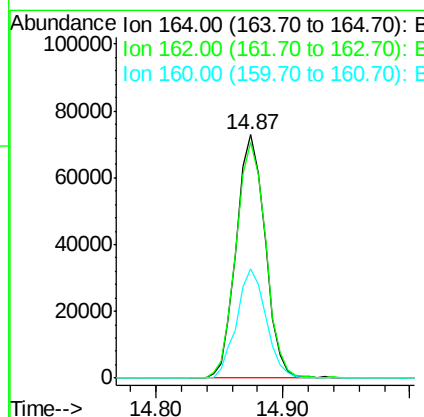
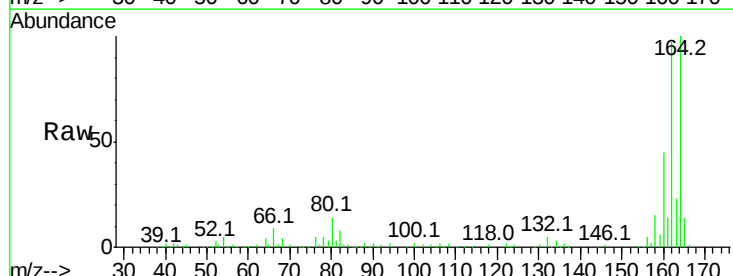
Instrument :
BNA_G
ClientSampled :

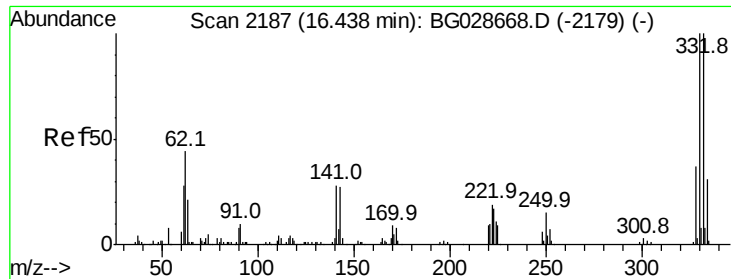
Tot Ion	82	Resp	320935
Ion Ratio	100	Lower	Upper
128	40.3	26.4	39.6#
54	55.0	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.87 min Scan# 1921
Delta R.T. -0.07 min
Lab File: BG028999.D
Acq: 1 Oct 2017 3:59

Tgt Ion	164	Resp	114570
Ion Ratio	100	Lower	Upper
162	97.0	85.1	127.7
160	44.9	34.7	52.1

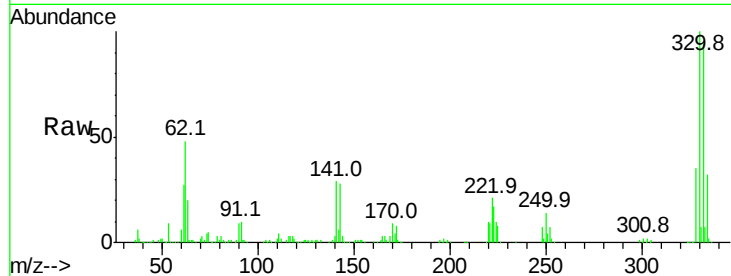




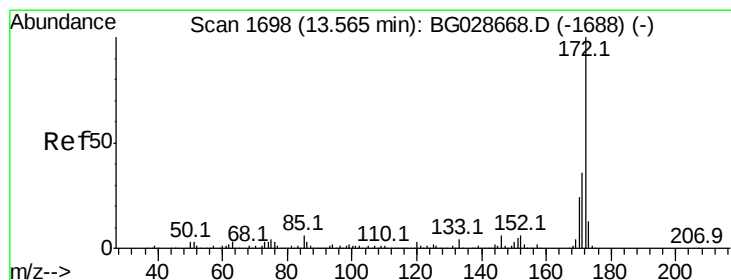
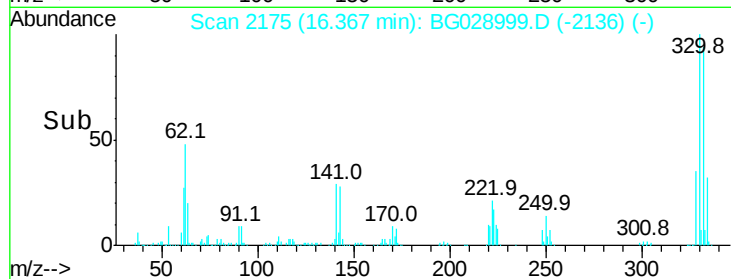
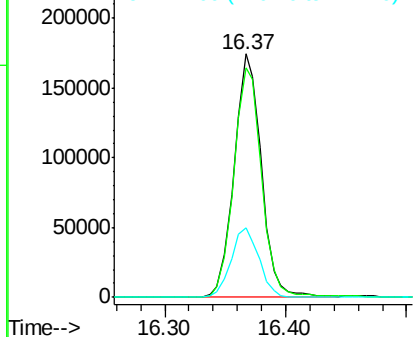
#41
 2,4,6-Tribromophenol
 Concen: 144.555 ng
 RT: 16.37 min Scan# 2175
 Delta R.T. -0.07 min
 Lab File: BG028999.D
 Acq: 1 Oct 2017 3:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 273919
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.3 115.9
 141 29.1 32.1 48.1#

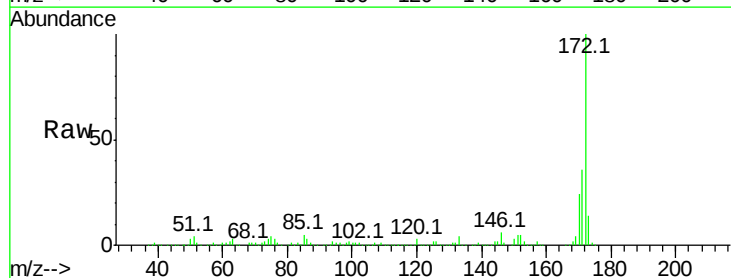


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

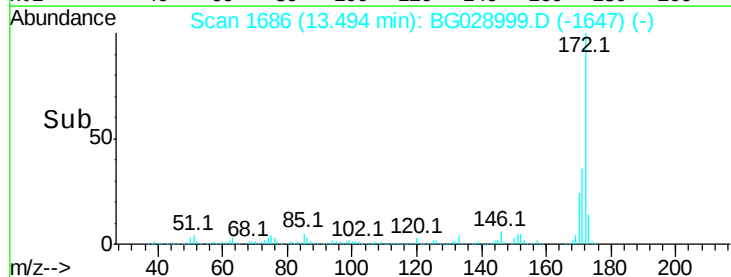
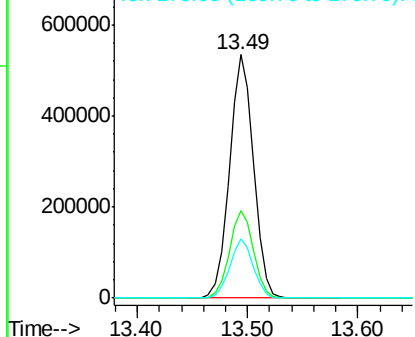


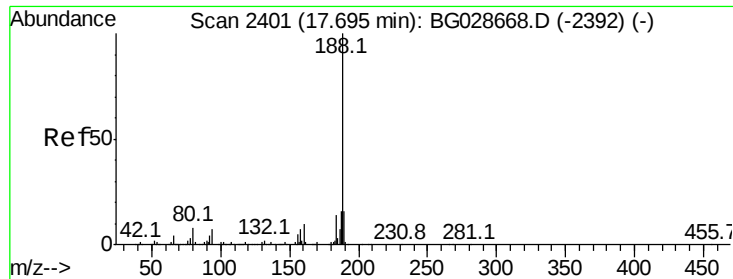
#44
 2-Fluorobiphenyl
 Concen: 94.345 ng
 RT: 13.49 min Scan# 1686
 Delta R.T. -0.07 min
 Lab File: BG028999.D
 Acq: 1 Oct 2017 3:59

Tgt Ion:172 Resp: 810631
 Ion Ratio Lower Upper
 172 100
 171 36.1 32.2 48.2
 170 24.2 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: 17.62 min Scan# 2389

Delta R.T. -0.07 min

Lab File: BG028999.D

Acq: 1 Oct 2017 3:59

Instrument :

BNA_G

ClientSampleId :

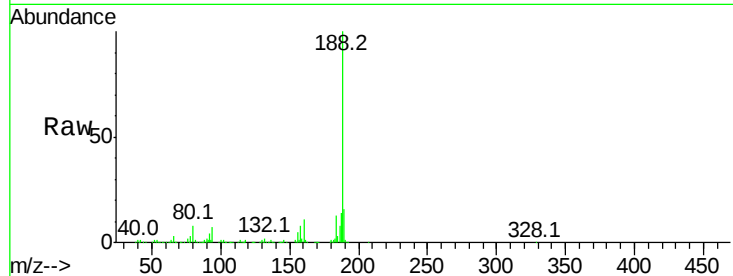
Tot Ion:188 Resp: 282385

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

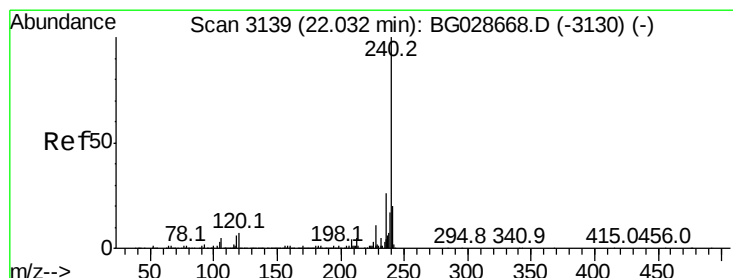
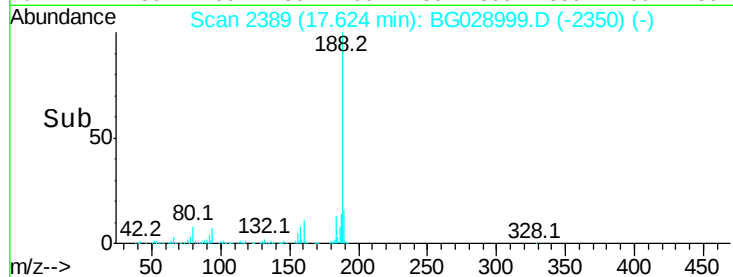
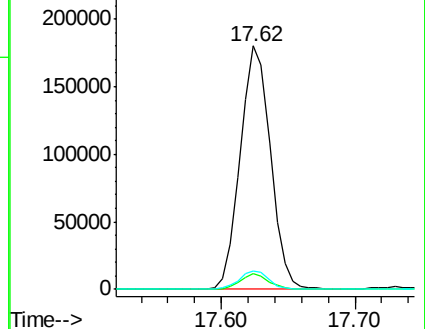
80 7.6 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.94 min Scan# 3123

Delta R.T. -0.09 min

Lab File: BG028999.D

Acq: 1 Oct 2017 3:59

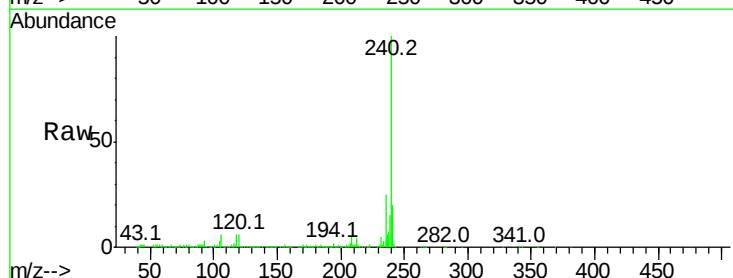
Tgt Ion:240 Resp: 330693

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

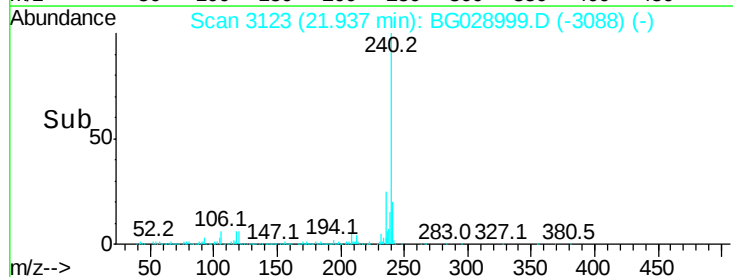
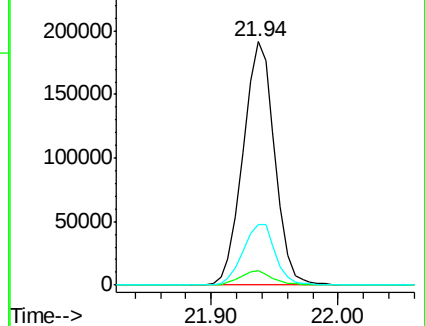
236 24.9 22.2 33.4

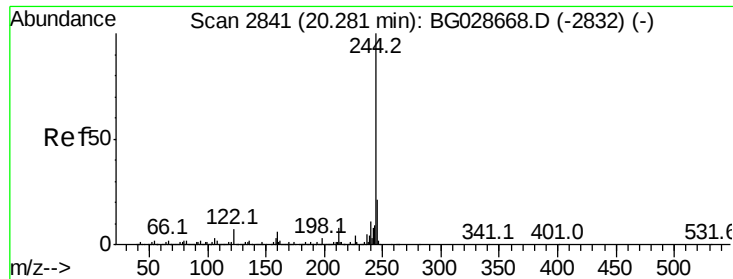


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.532 ng

RT: 20.22 min Scan# 2830

Delta R.T. -0.07 min

Lab File: BG028999.D

Acq: 1 Oct 2017 3:59

Instrument :

BNA_G

ClientSampled :

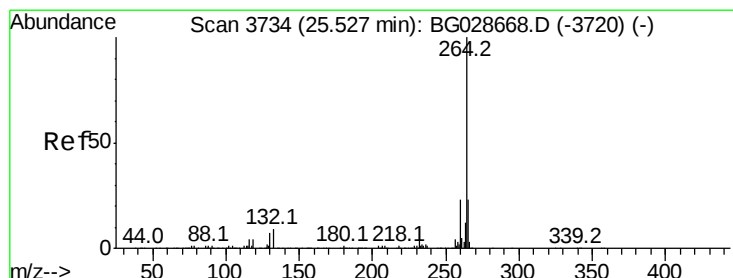
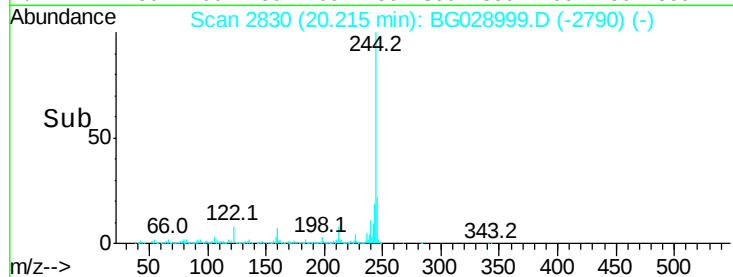
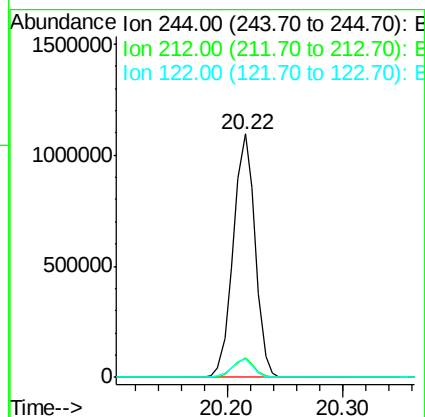
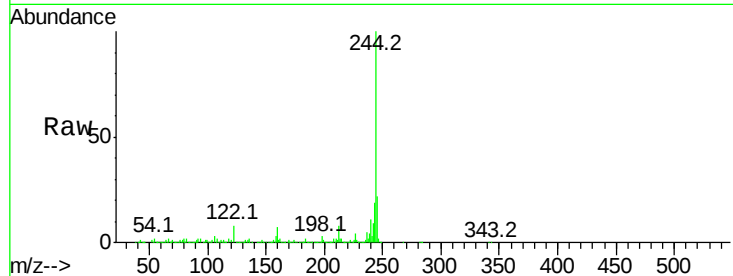
Tot Ion:244 Resp: 1434884

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

244 100

212 7.8 10.0 15.0#

122 7.8 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.37 min Scan# 3707

Delta R.T. -0.16 min

Lab File: BG028999.D

Acq: 1 Oct 2017 3:59

Tgt Ion:264 Resp: 345673

Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	22.9	18.2	27.4

264 100

260 23.1 21.8 32.8

265 22.9 18.2 27.4

