

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
 Data File : BG028996.D
 Acq On : 1 Oct 2017 2:01
 Operator : SJ/JU
 Sample : I5515-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-092817

Quant Time: Oct 01 04:41:39 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 01 04:41:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	42625	20.00	ng	0.00
21) Naphthalene-d8	11.07	136	160599	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	109101	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	282321	20.00	ng	0.00
75) Chrysene-d12	21.94	240	349906	20.00	ng	-0.01
86) Perylene-d12	25.37	264	354750	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.83	112	365431	141.46	ng	0.00
7) Phenol-d6	7.41	99	428835	110.26	ng	0.00
23) Nitrobenzene-d5	9.42	82	338854	100.93	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	279329	154.80	ng	0.00
44) 2-Fluorobiphenyl	13.49	172	806964	98.63	ng	0.00
78) Terphenyl-d14	20.22	244	1527188	93.08	ng	0.00

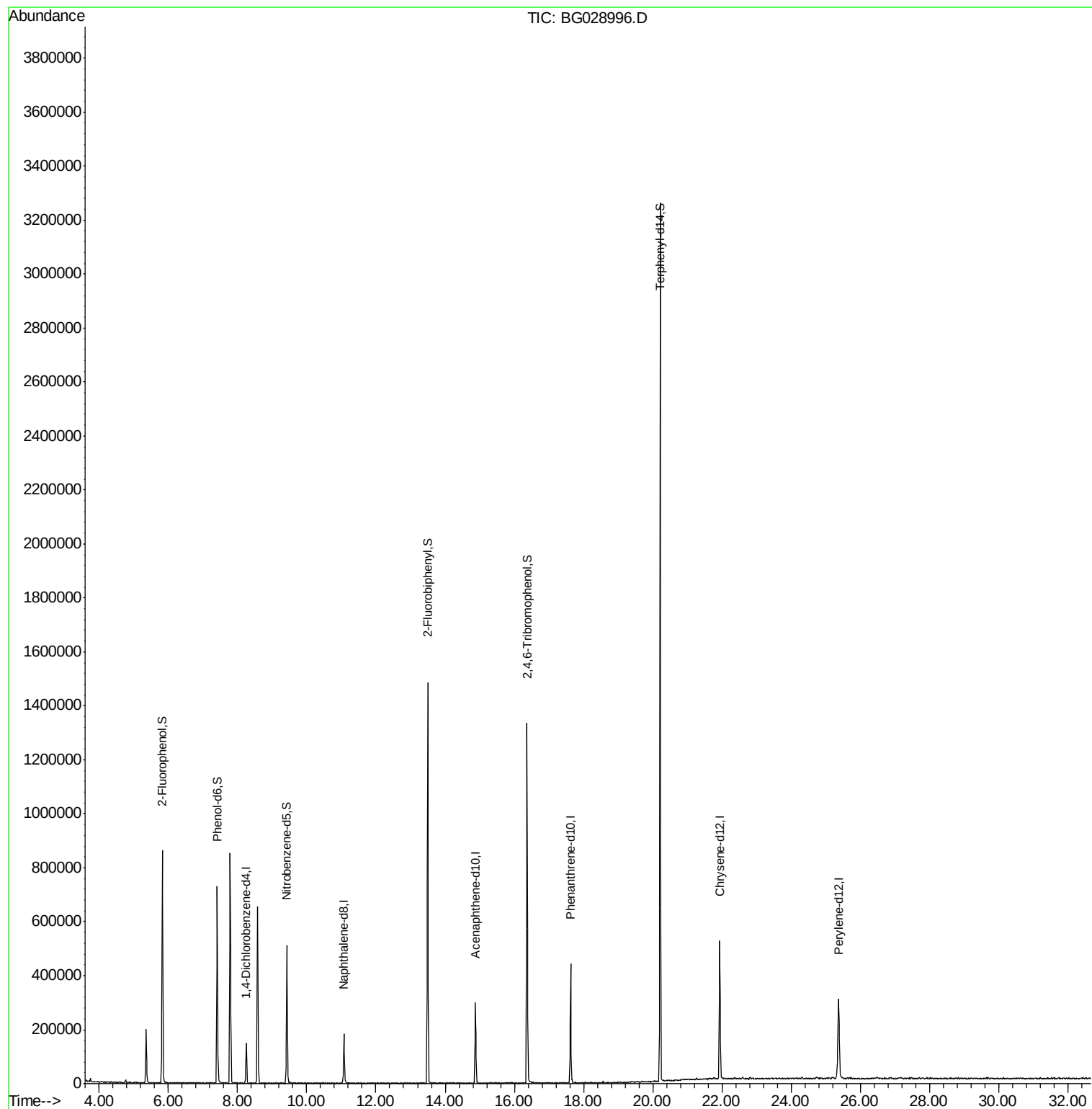
Target Compounds Qvalue

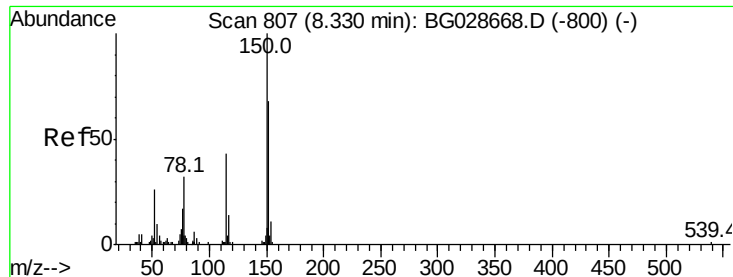
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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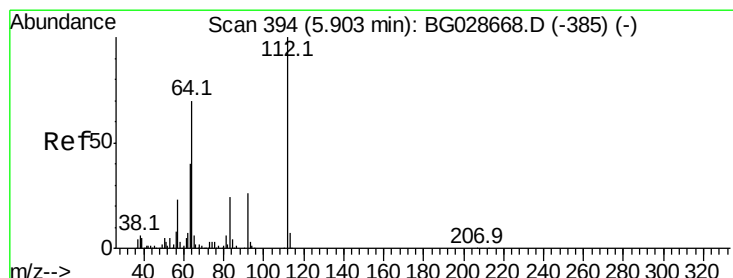
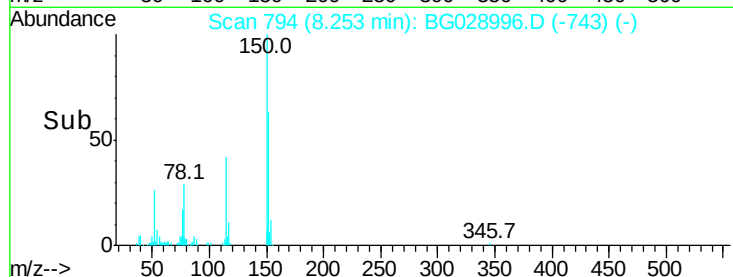
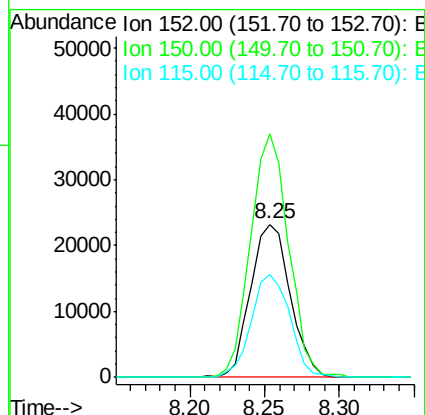
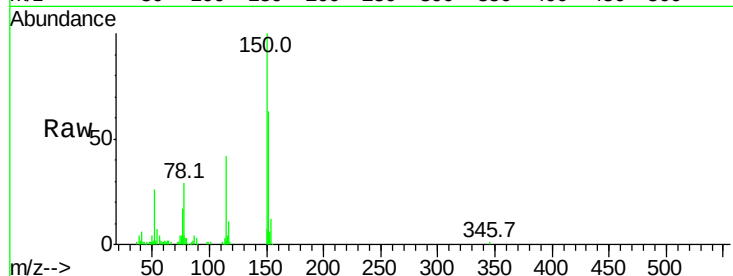


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.25 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG028996.D
Acq: 1 Oct 2017 2:01

Instrument :
BNA_G
ClientSampleId :
HD-02-092817

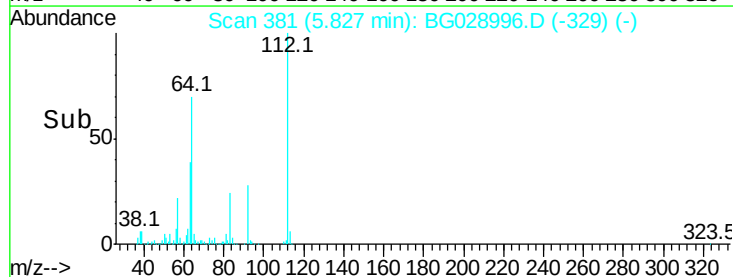
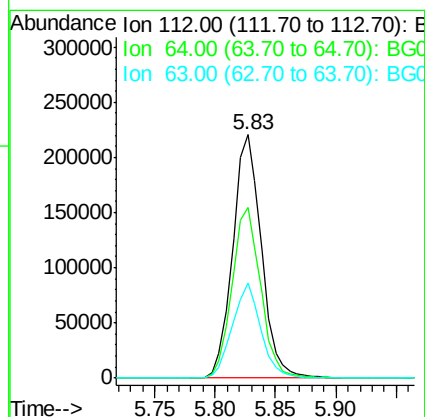
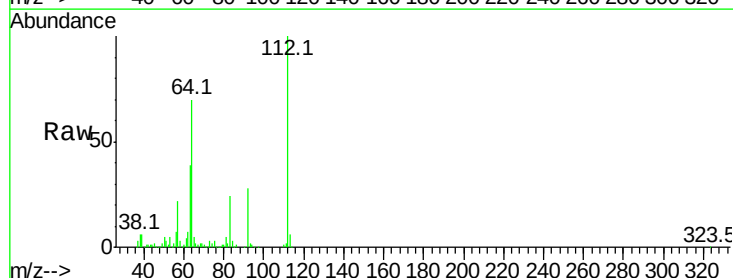
Tot Ion:152 Resp: 42625
Ion Ratio Lower Upper
152 100
150 158.9 114.0 171.0
115 67.3 48.1 72.1

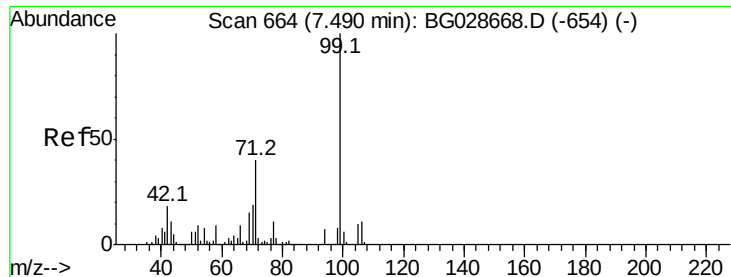


#5

2-Fluorophenol
Concen: 141.461 ng
RT: 5.83 min Scan# 381
Delta R.T. 0.01 min
Lab File: BG028996.D
Acq: 1 Oct 2017 2:01

Tgt Ion:112 Resp: 365431
Ion Ratio Lower Upper
112 100
64 70.0 61.8 92.6
63 39.3 37.2 55.8





#7

Phenol-d6

Concen: 110.257 ng

RT: 7.41 min Scan# 651

Delta R.T. -0.00 min

Lab File: BG028996.D

Acq: 1 Oct 2017 2:01

Instrument :

BNA_G

ClientSampleId :

HD-02-092817

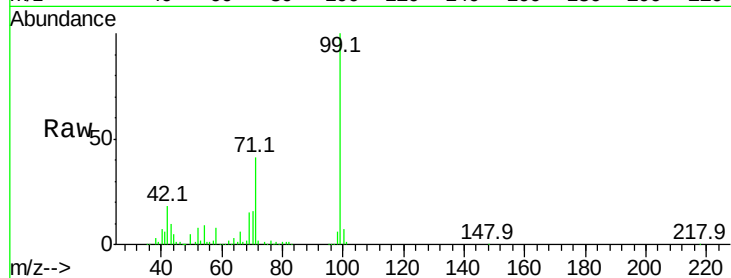
Tot Ion: 99 Resp: 428835

Ion Ratio Lower Upper

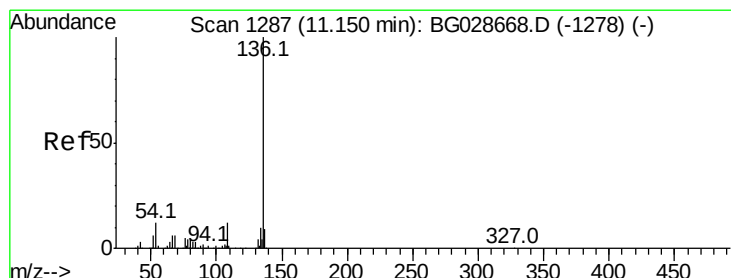
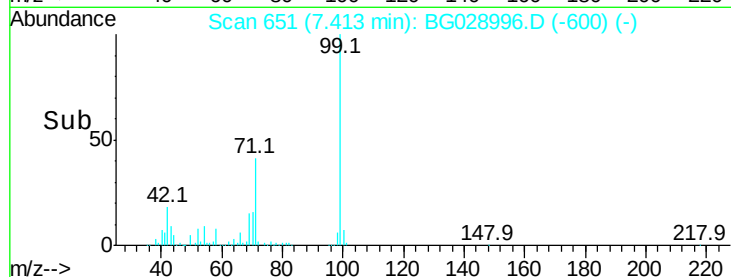
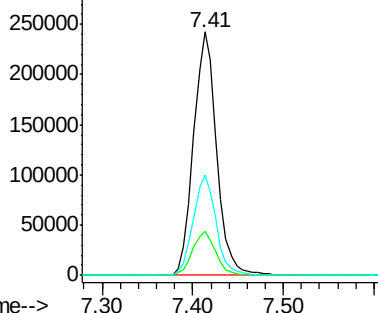
99 100

42 18.2 20.5 30.7#

71 41.0 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: 20.000 ng

RT: 11.07 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BG028996.D

Acq: 1 Oct 2017 2:01

Tgt Ion: 136 Resp: 160599

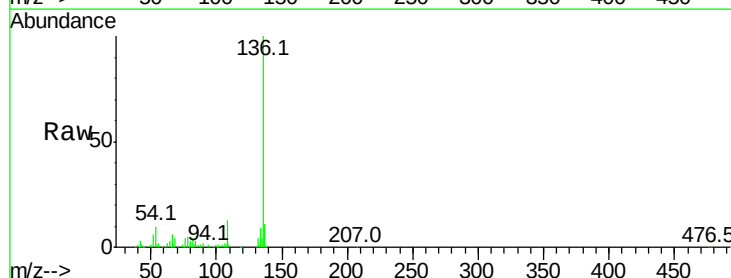
Ion Ratio Lower Upper

136 100

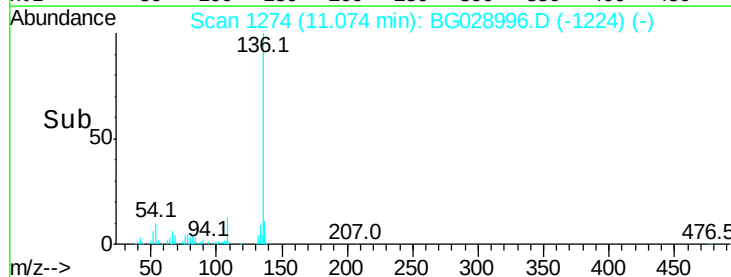
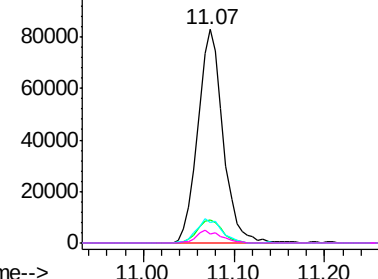
137 10.7 8.9 13.3

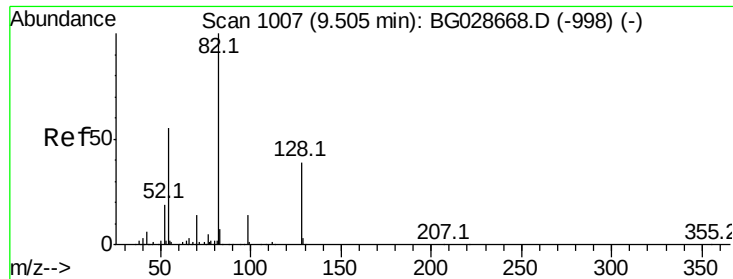
54 9.8 9.3 13.9

68 4.3 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: 100.934 ng

RT: 9.42 min Scan# 993

Delta R.T. -0.01 min

Lab File: BG028996.D

Acq: 1 Oct 2017 2:01

Instrument :

BNA_G

ClientSampleId :

HD-02-092817

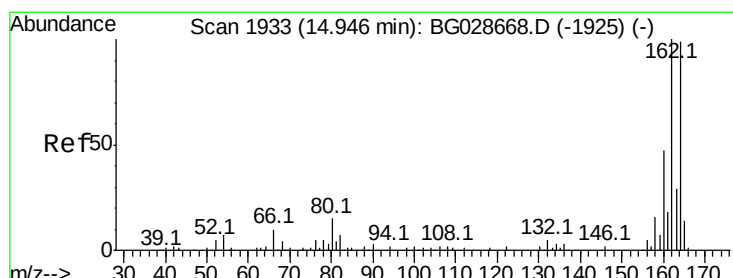
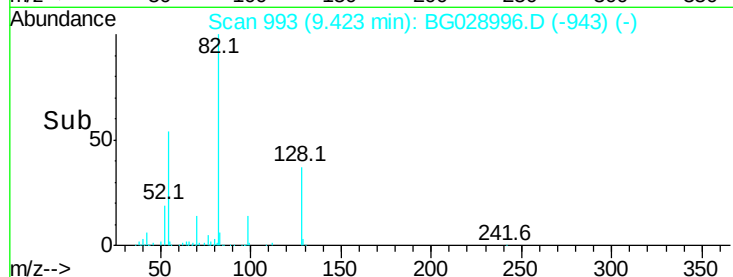
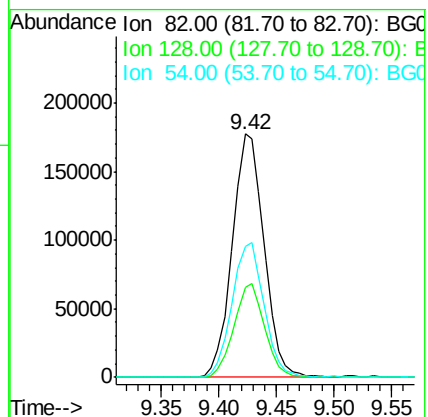
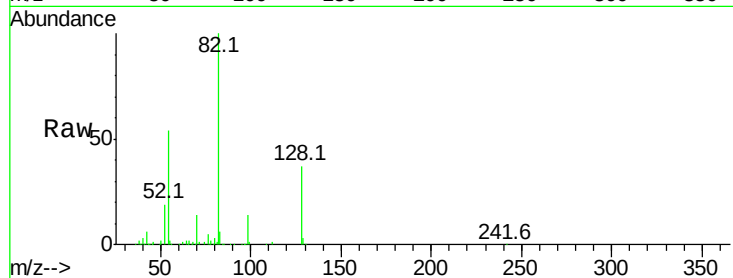
Tot Ion: 82 Resp: 338854

Ion Ratio Lower Upper

82 100

128 36.8 26.4 39.6

54 53.7 49.4 74.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.88 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG028996.D

Acq: 1 Oct 2017 2:01

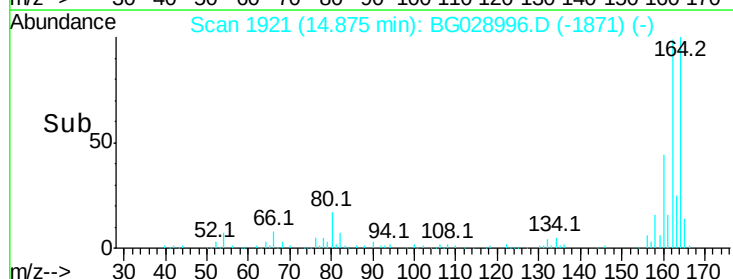
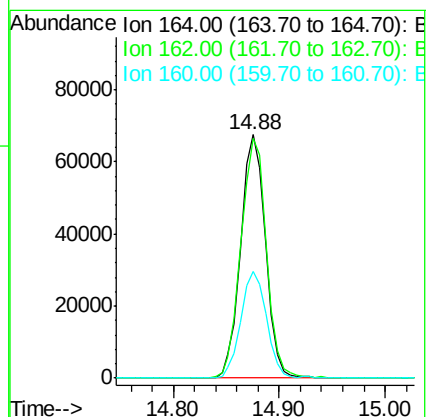
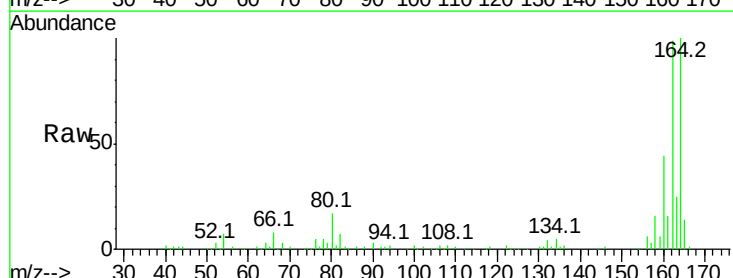
Tgt Ion:164 Resp: 109101

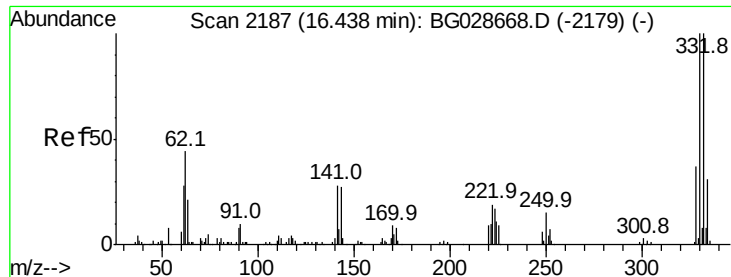
Ion Ratio Lower Upper

164 100

162 98.7 85.1 127.7

160 44.0 34.7 52.1

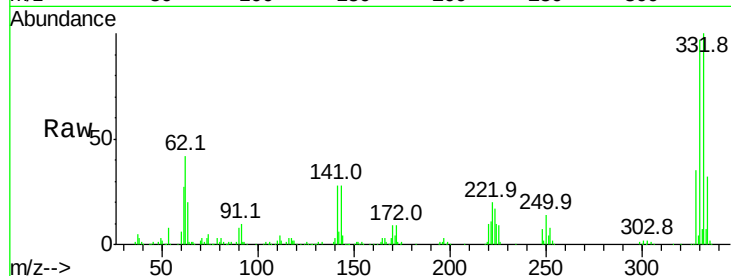




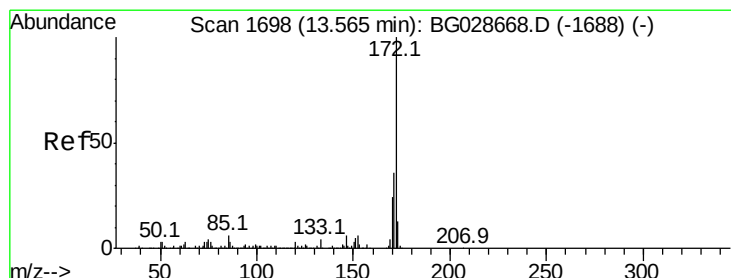
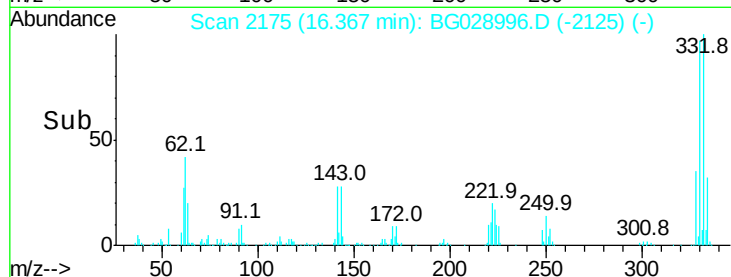
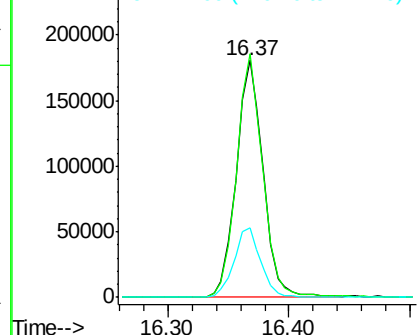
#41
 2,4,6-Tribromophenol
 Concen: 154.799 ng
 RT: 16.37 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG028996.D
 Acq: 1 Oct 2017 2:01

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-092817

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.5	77.3	115.9
141	29.5	32.1	48.1#

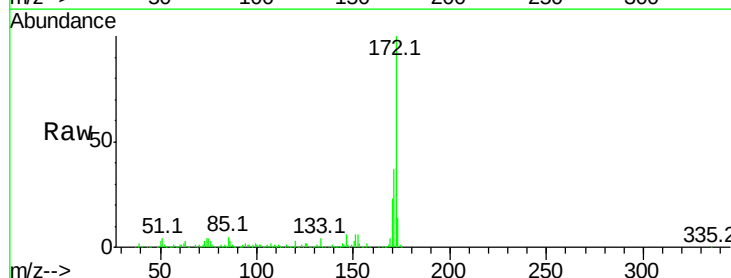


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

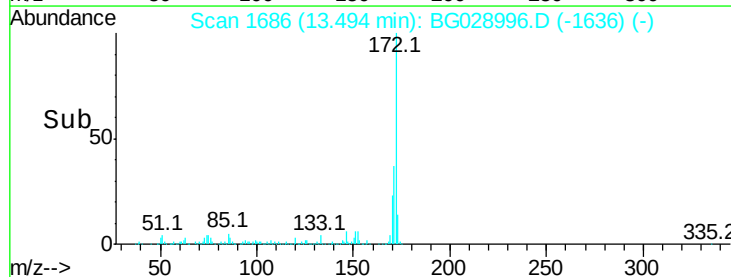
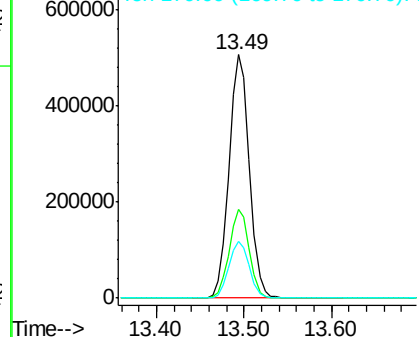


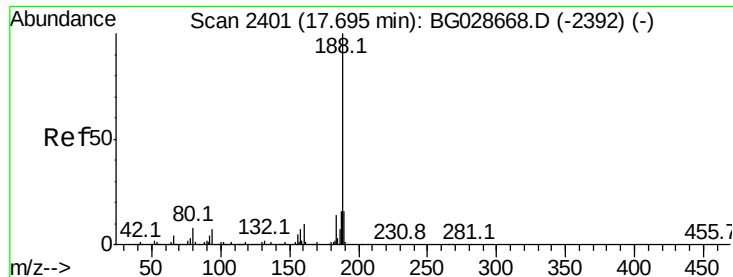
#44
 2-Fluorobiphenyl
 Concen: 98.626 ng
 RT: 13.49 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG028996.D
 Acq: 1 Oct 2017 2:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	32.2	48.2
170	23.5	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. -0.01 min

Lab File: BG028996.D

Acq: 1 Oct 2017 2:01

Instrument :

BNA_G

ClientSampleId :

HD-02-092817

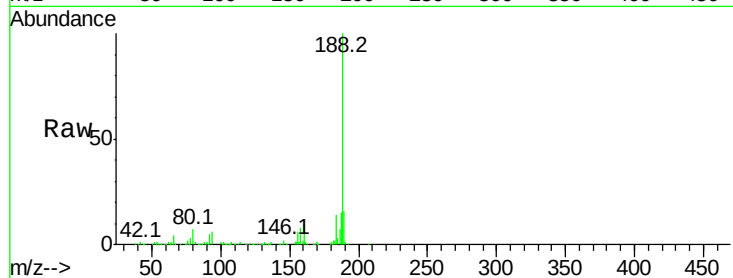
Tot Ion:188 Resp: 282321

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

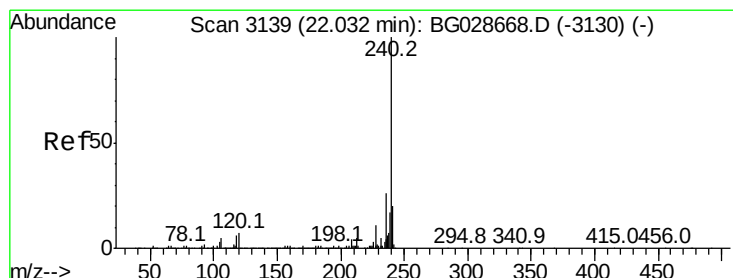
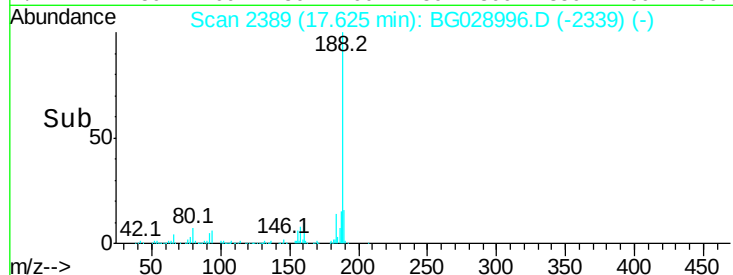
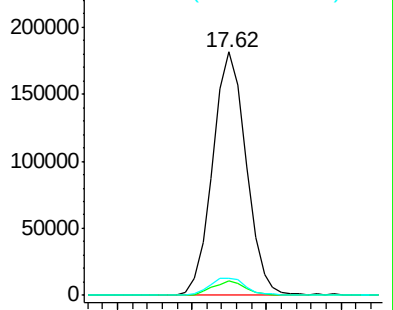
80 7.0 7.5 11.3#



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. -0.01 min

Lab File: BG028996.D

Acq: 1 Oct 2017 2:01

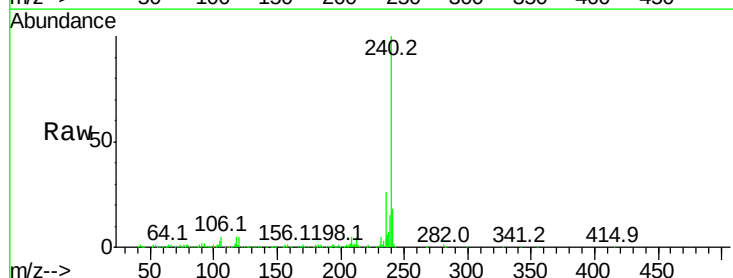
Tgt Ion:240 Resp: 349906

Ion Ratio Lower Upper

240 100

120 5.3 5.7 8.5#

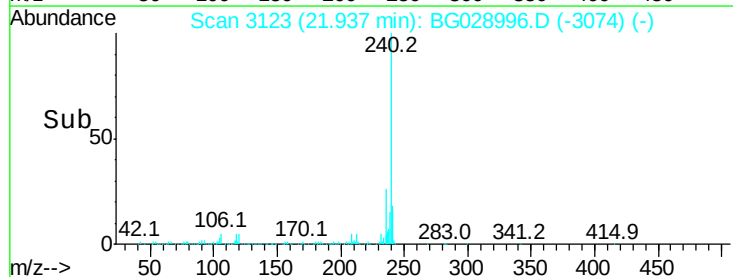
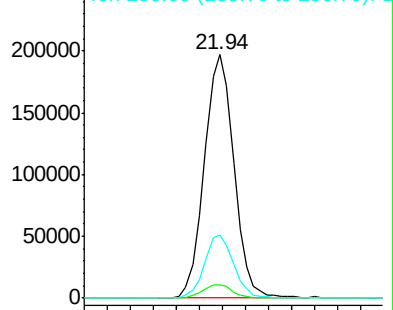
236 25.7 22.2 33.4

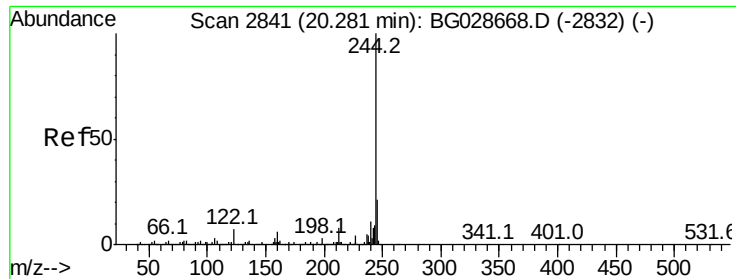


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.077 ng

RT: 20.22 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG028996.D

Acq: 1 Oct 2017 2:01

Instrument :

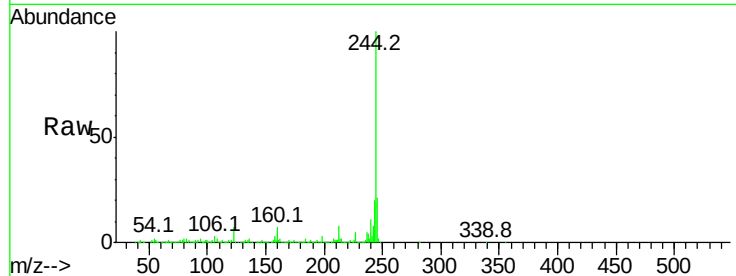
BNA_G

ClientSampleId :

HD-02-092817

Tot Ion:244 Resp: 1527188

Ion	Ratio	Lower	Upper
244	100		
212	7.6	10.0	15.0#
122	7.3	8.6	12.8#

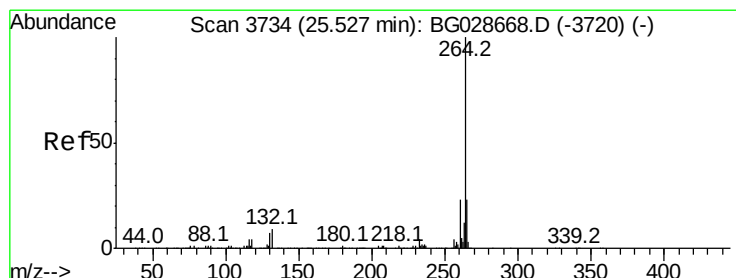
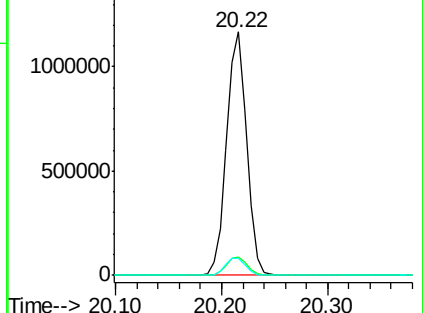
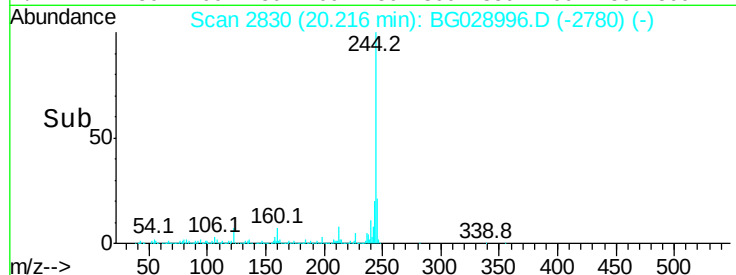


Abundance

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: 25.37 min Scan# 3707

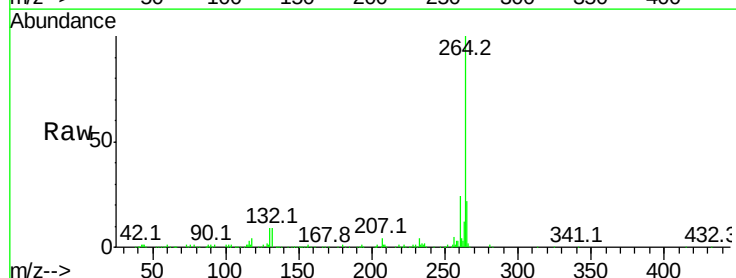
Delta R.T. -0.01 min

Lab File: BG028996.D

Acq: 1 Oct 2017 2:01

Tgt Ion:264 Resp: 354750

Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	22.1	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

