

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028828.D
 Acq On : 20 Sep 2017 12:38
 Operator : SJ/JU
 Sample : PB102430BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102430BL

Quant Time: Sep 21 02:45:38 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	24457	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	101500	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	76354	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	239602	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	274754	20.00	ng	-0.05
86) Perylene-d12	25.46	264	277216	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	187345	126.40	ng	-0.05
7) Phenol-d6	7.44	99	254871	114.21	ng	-0.05
23) Nitrobenzene-d5	9.46	82	157638	74.30	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	160026	126.72	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	432593	75.55	ng	-0.04
78) Terphenyl-d14	20.25	244	980234	76.08	ng	-0.04

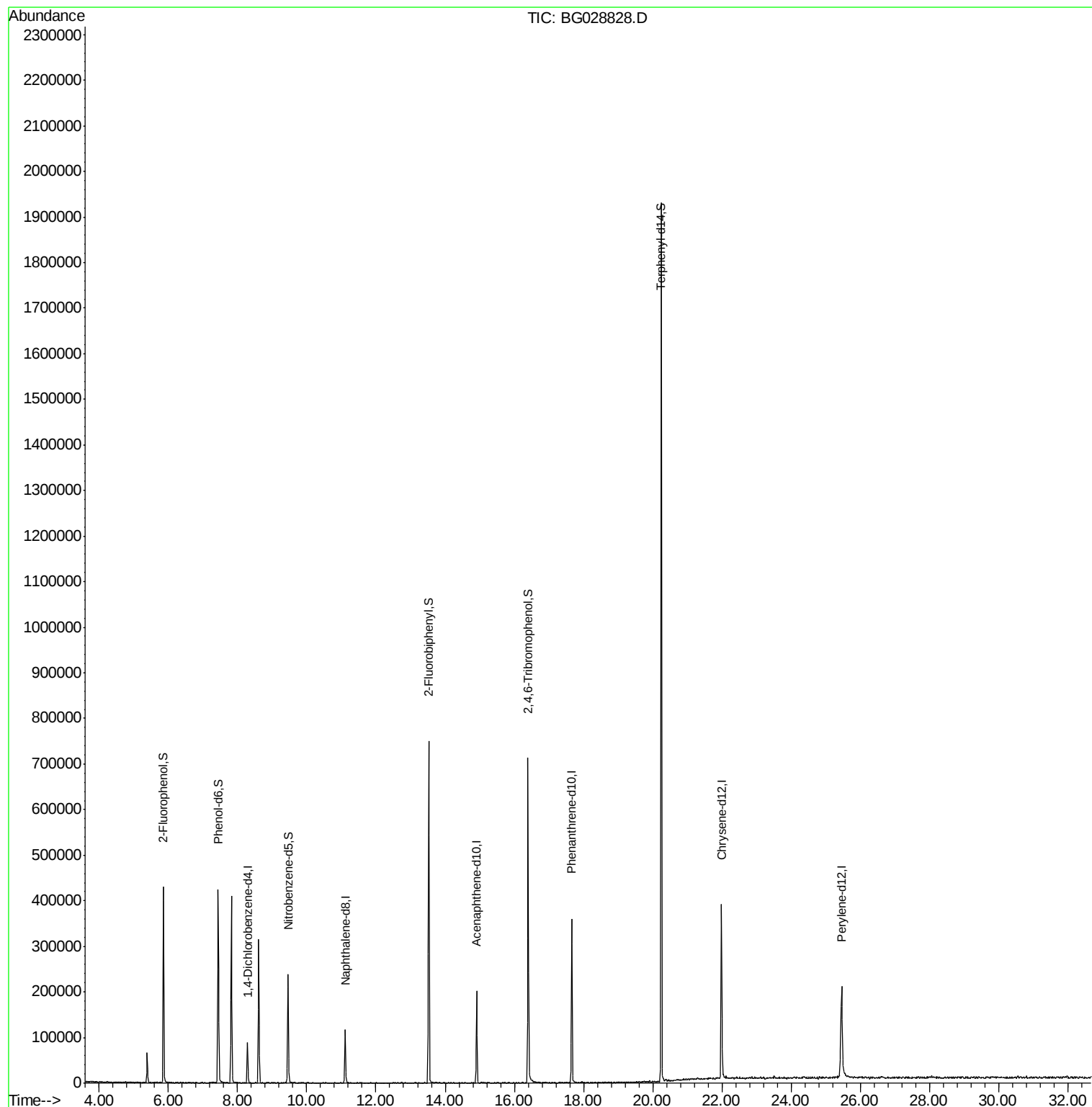
Target Compounds Qvalue

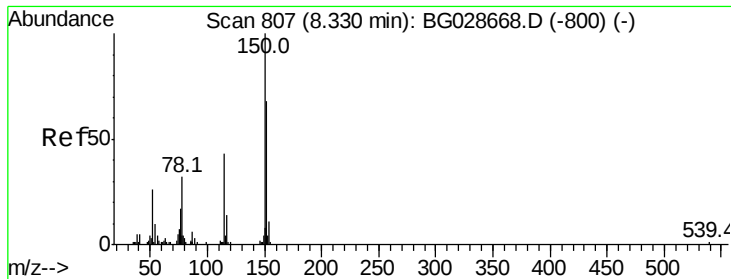
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: BG028828.D

Acq: 20 Sep 2017 12:38

Instrument :

BNA_G

ClientSampleId :

PB102430BL

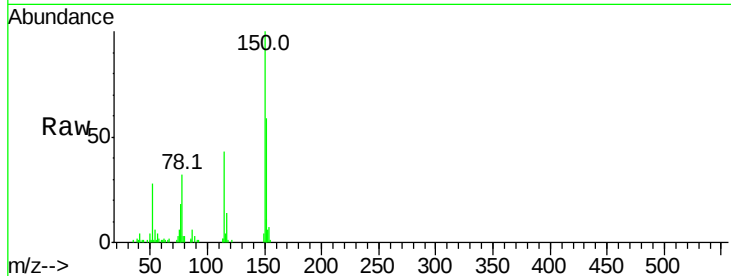
Tot Ion:152 Resp: 24457

Ion Ratio Lower Upper

152 100

150 169.7 114.0 171.0

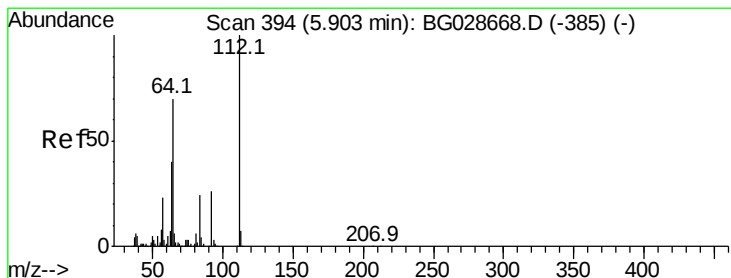
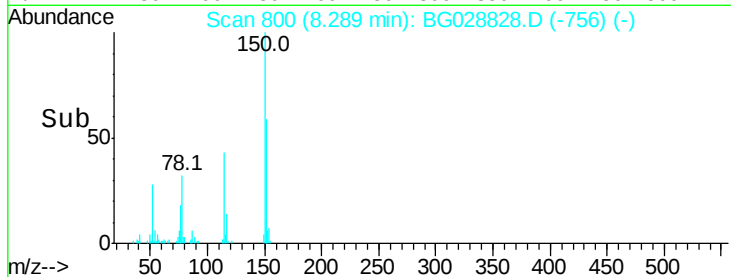
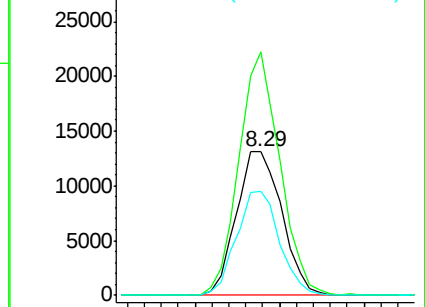
115 72.7 48.1 72.1#



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: 126.397 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028828.D

Acq: 20 Sep 2017 12:38

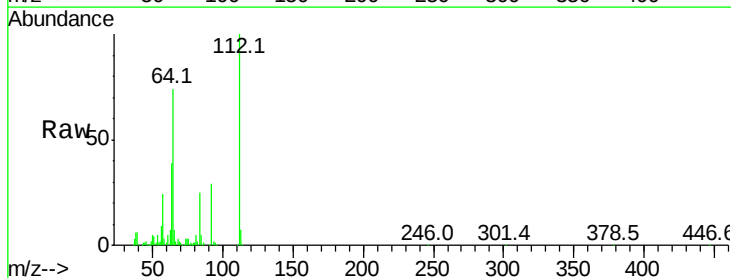
Tgt Ion:112 Resp: 187345

Ion Ratio Lower Upper

112 100

64 73.6 61.8 92.6

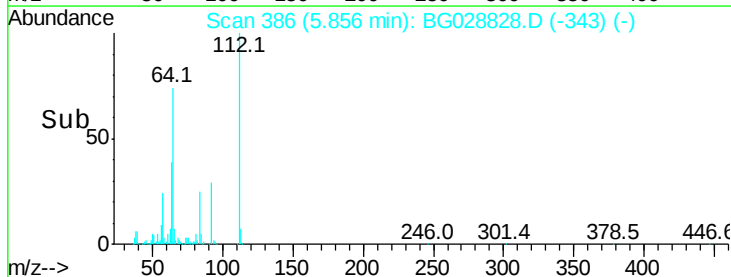
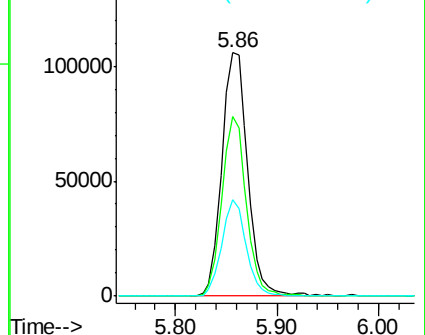
63 39.4 37.2 55.8

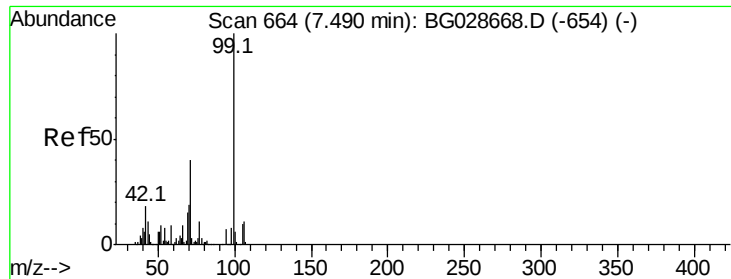


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 114.208 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028828.D

Acq: 20 Sep 2017 12:38

Instrument :

BNA_G

ClientSampleId :

PB102430BL

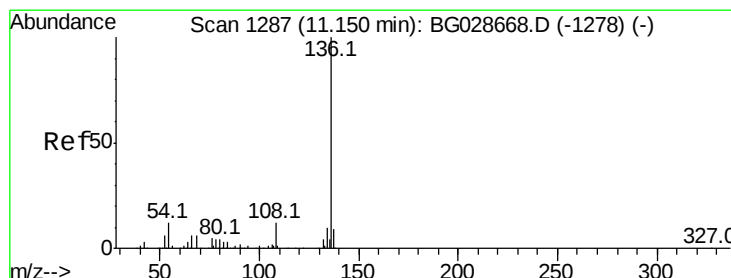
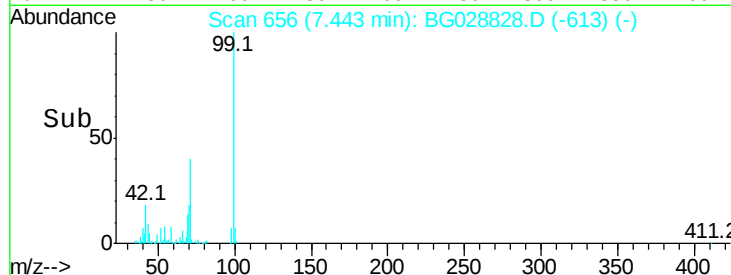
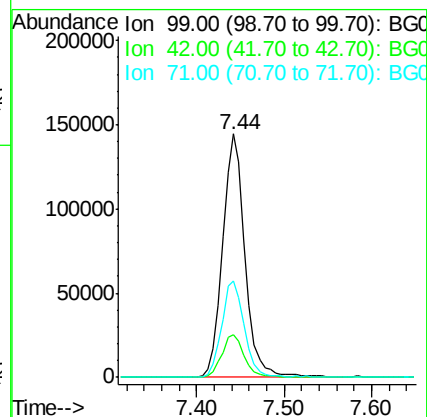
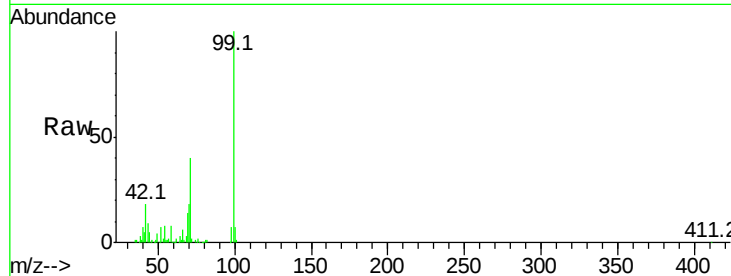
Tot Ion: 99 Resp: 254871

Ion Ratio Lower Upper

99 100

42 17.6 20.5 30.7#

71 39.7 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028828.D

Acq: 20 Sep 2017 12:38

Tgt Ion: 136 Resp: 101500

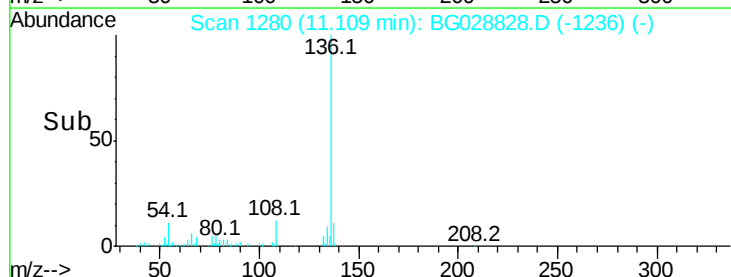
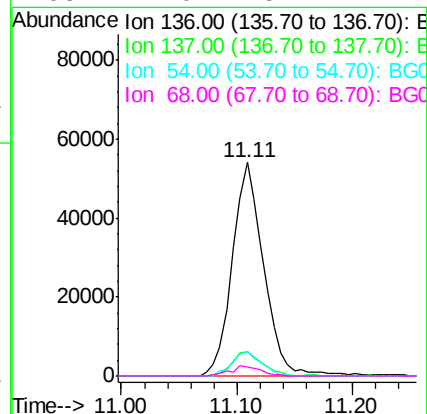
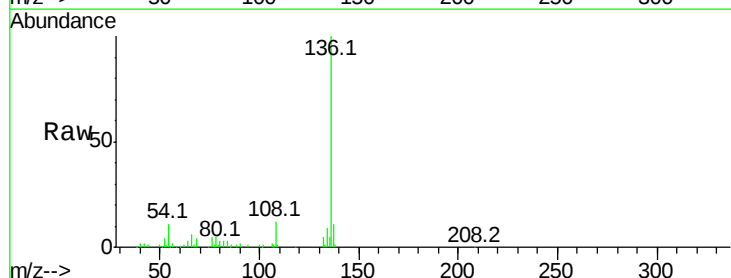
Ion Ratio Lower Upper

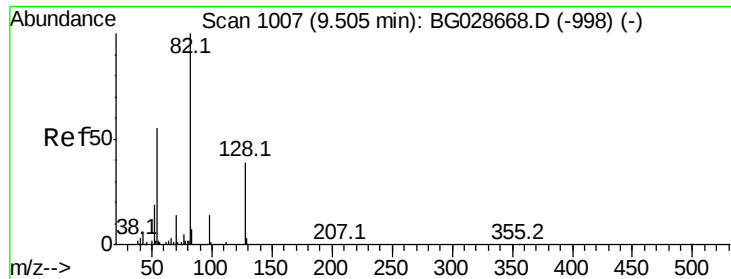
136 100

137 11.5 8.9 13.3

54 11.3 9.3 13.9

68 4.0 5.1 7.7#

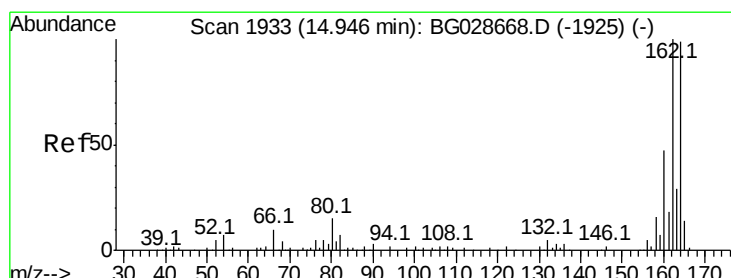
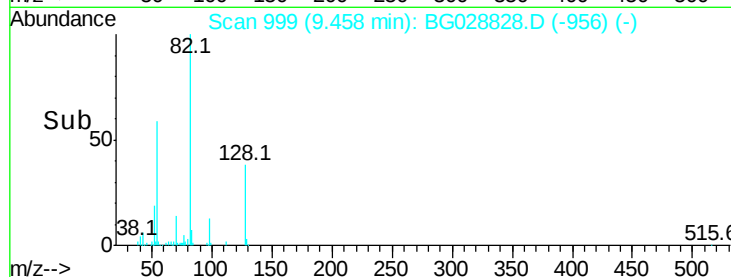
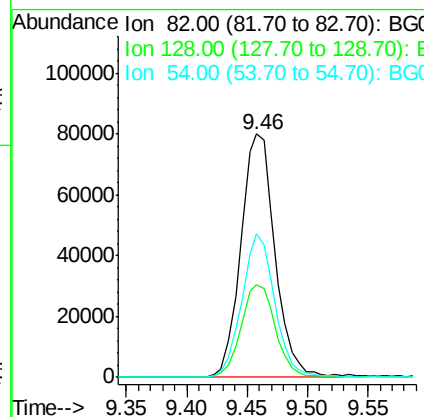
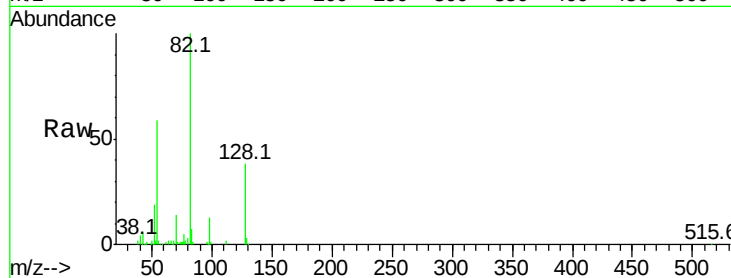




#23
Nitrobenzene-d5
Concen: 74.295 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028828.D
Acq: 20 Sep 2017 12:38

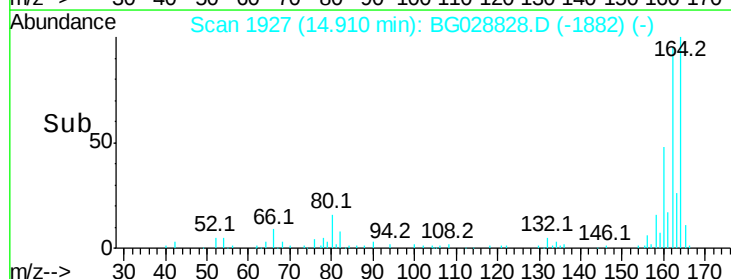
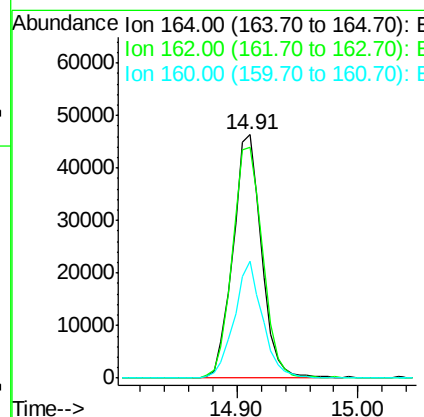
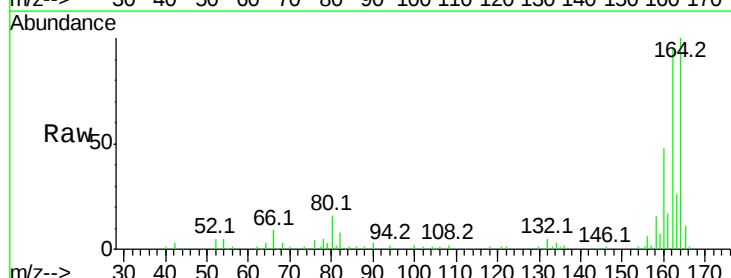
Instrument :
BNA_G
ClientSampleId :
PB102430BL

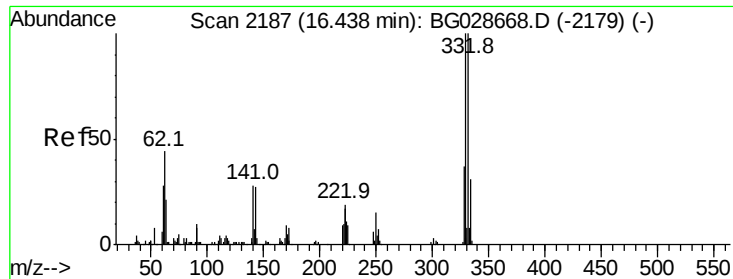
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.1	26.4	39.6
54	59.0	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1927
Delta R.T. -0.04 min
Lab File: BG028828.D
Acq: 20 Sep 2017 12:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.8	85.1	127.7
160	47.8	34.7	52.1

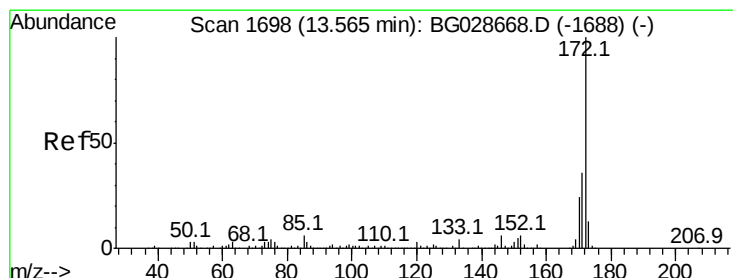
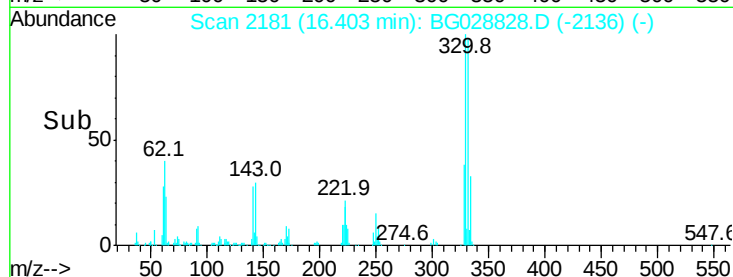
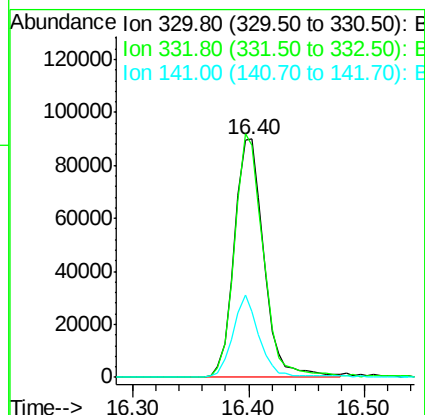
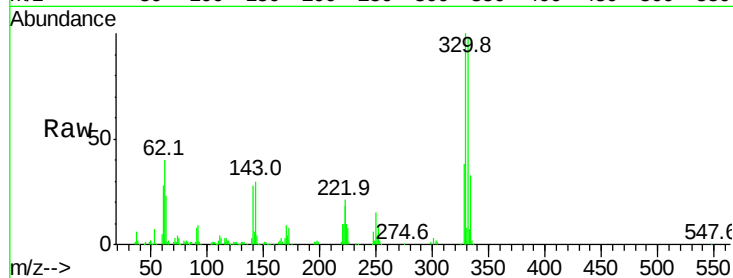




#41
 2,4,6-Tribromophenol
 Concen: 126.718 ng
 RT: 16.40 min Scan# 2181
 Delta R.T. -0.04 min
 Lab File: BG028828.D
 Acq: 20 Sep 2017 12:38

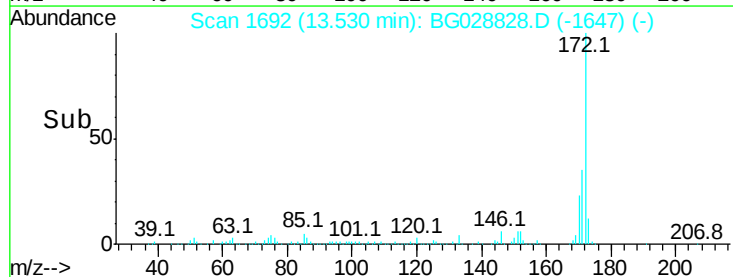
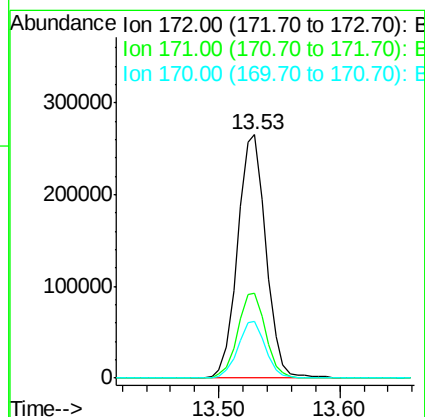
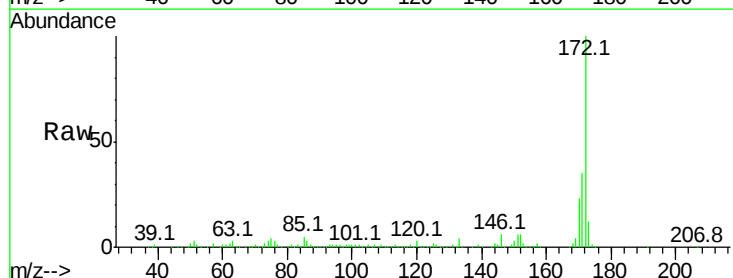
Instrument :
 BNA_G
 ClientSampleId :
 PB102430BL

Tot Ion:330 Resp: 160026
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.3 115.9
 141 30.4 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 75.547 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028828.D
 Acq: 20 Sep 2017 12:38

Tgt Ion:172 Resp: 432593
 Ion Ratio Lower Upper
 172 100
 171 35.0 32.2 48.2
 170 23.2 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2395

Delta R.T. -0.04 min

Lab File: BG028828.D

Acq: 20 Sep 2017 12:38

Instrument :

BNA_G

ClientSampleId :

PB102430BL

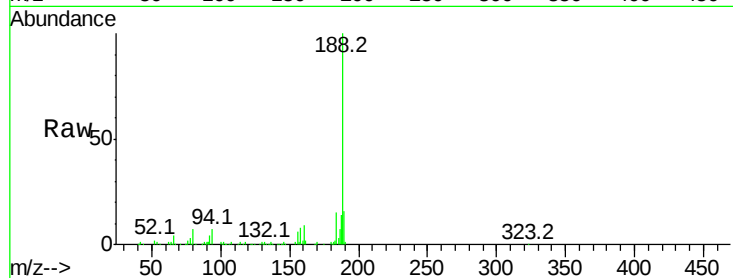
Tot Ion:188 Resp: 239602

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.8

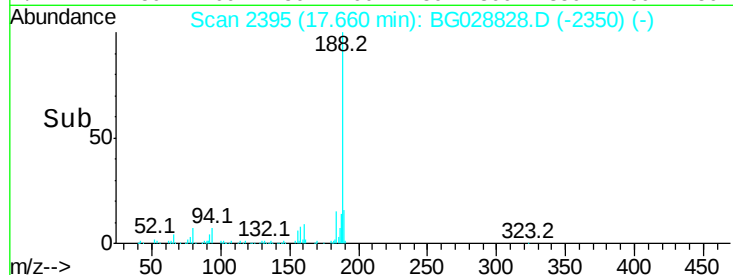
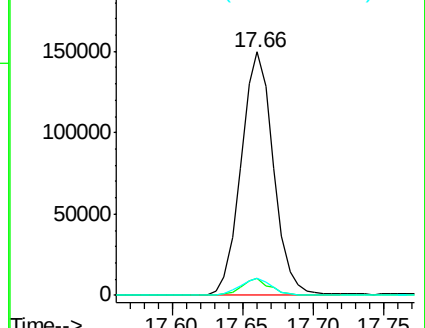
80 7.0 7.5 11.3#



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: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028828.D

Acq: 20 Sep 2017 12:38

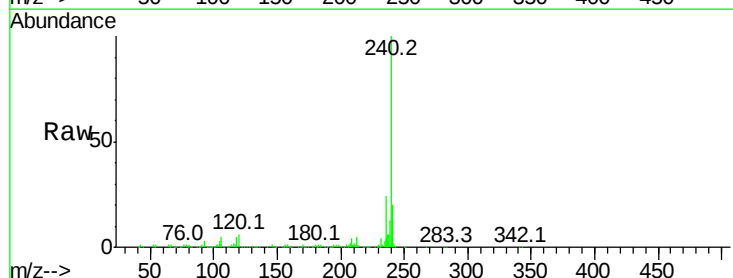
Tgt Ion:240 Resp: 274754

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

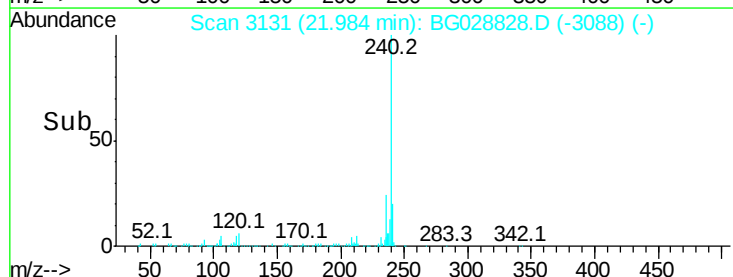
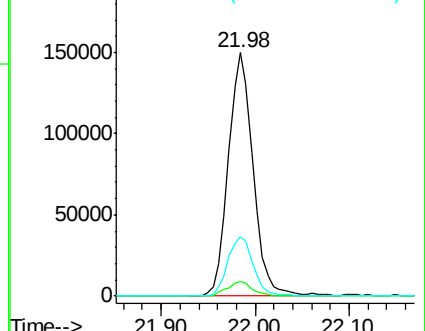
236 24.4 22.2 33.4

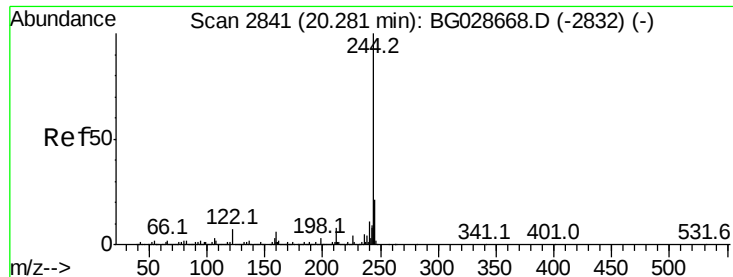


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.083 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028828.D

Acq: 20 Sep 2017 12:38

Instrument :

BNA_G

ClientSampleId :

PB102430BL

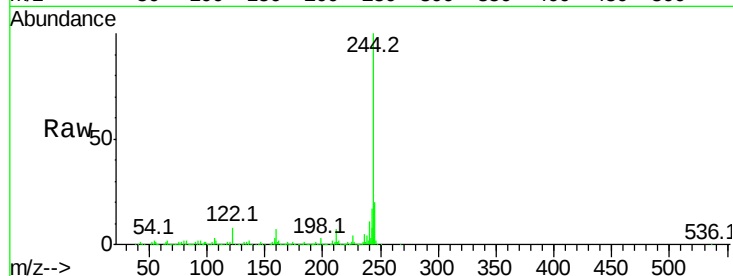
Tot Ion:244 Resp: 980234

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

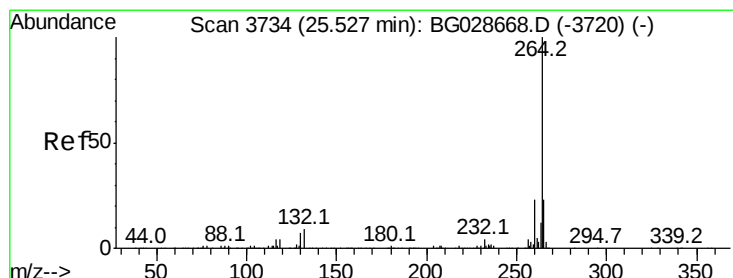
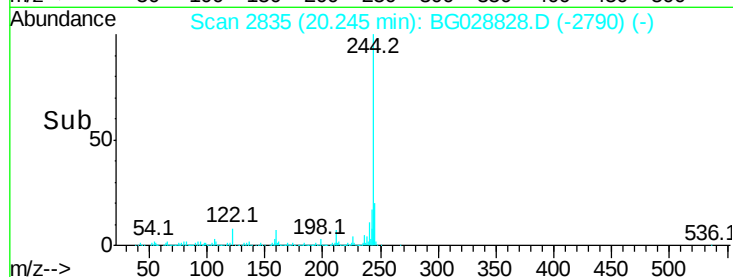
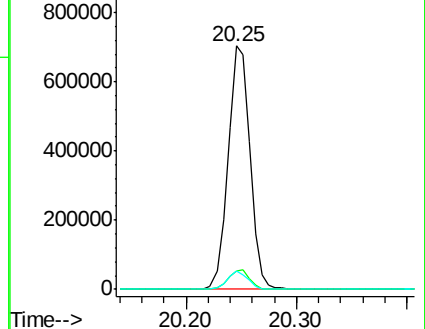
122 7.5 8.6 12.8#



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: BG028828.D

Acq: 20 Sep 2017 12:38

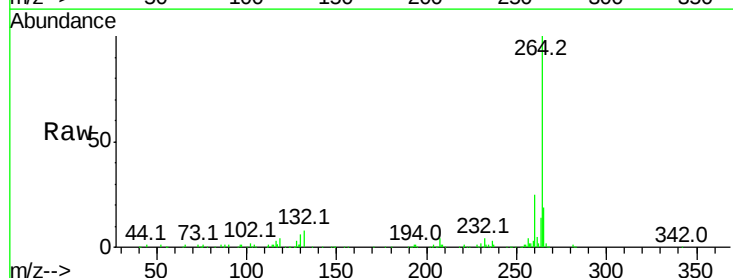
Tgt Ion:264 Resp: 277216

Ion Ratio Lower Upper

264 100

260 25.0 21.8 32.8

265 18.8 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

