

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092117\
 Data File : BG028864.D
 Acq On : 21 Sep 2017 19:04
 Operator : SJ/JU
 Sample : PB102514TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102514TB

Quant Time: Sep 22 00:55:12 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	31124	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	123259	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	90409	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	251792	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	278763	20.00	ng	-0.05
86) Perylene-d12	25.46	264	253380	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	296595	157.24	ng	-0.05
7) Phenol-d6	7.44	99	398150	140.19	ng	-0.05
23) Nitrobenzene-d5	9.46	82	252080	97.83	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	209103	139.84	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	665305	98.12	ng	-0.04
78) Terphenyl-d14	20.24	244	1289612	98.66	ng	-0.04

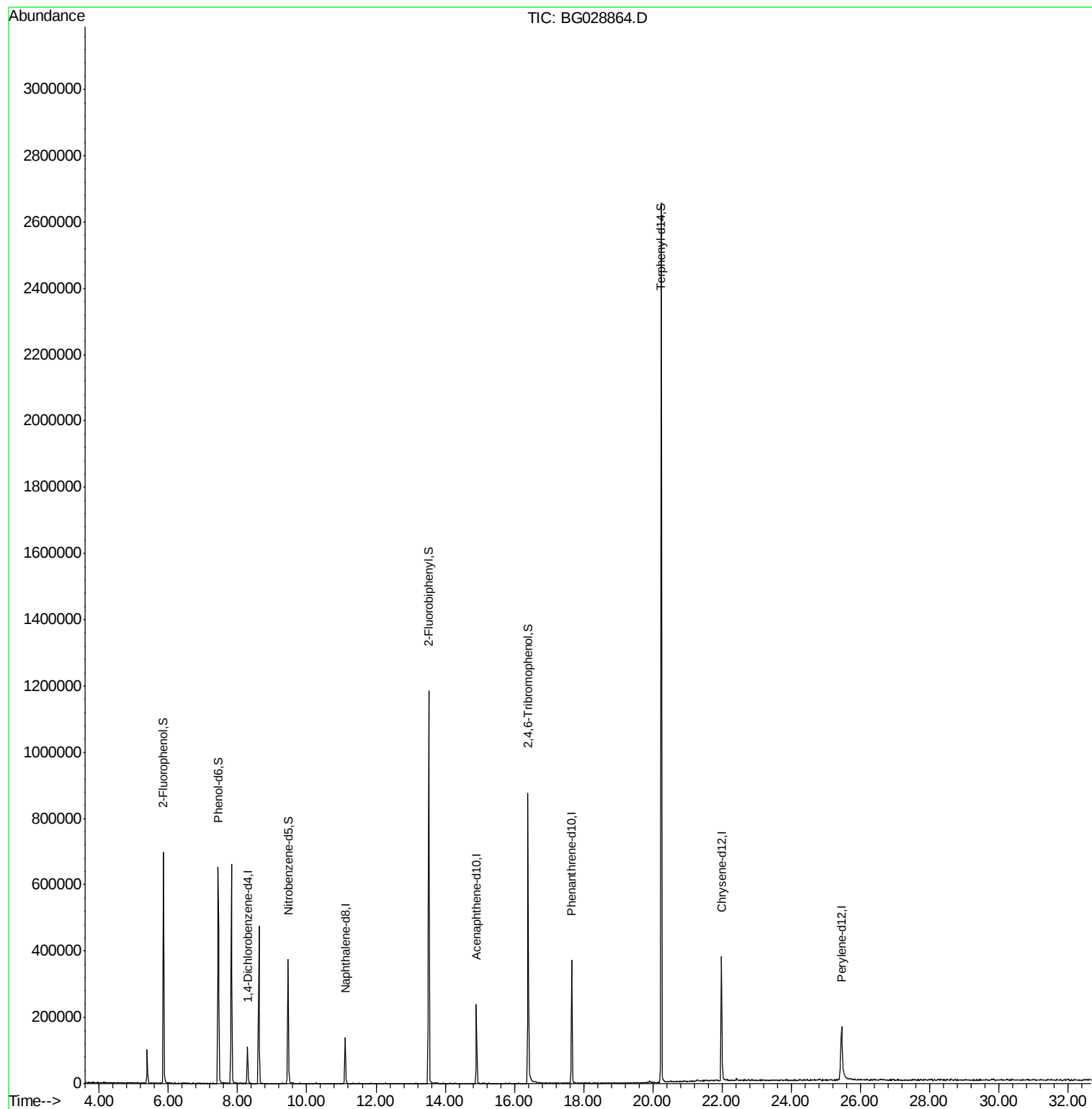
Target Compounds Qvalue

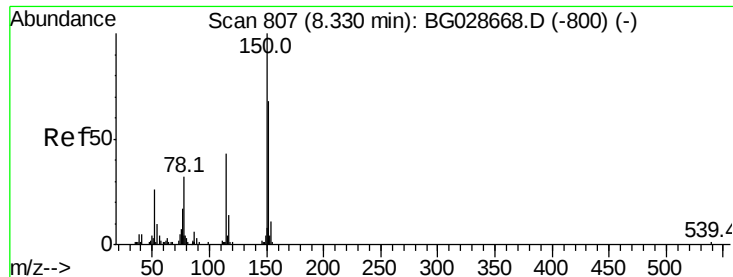
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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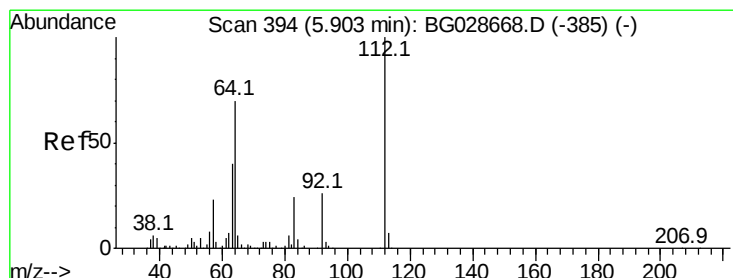
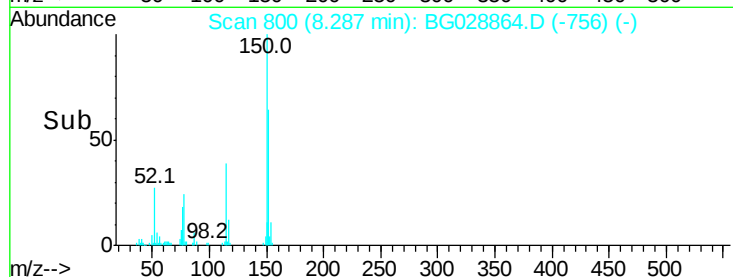
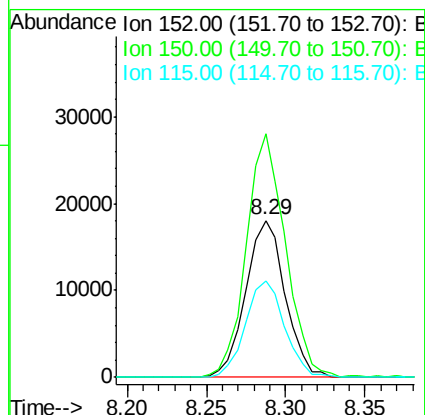
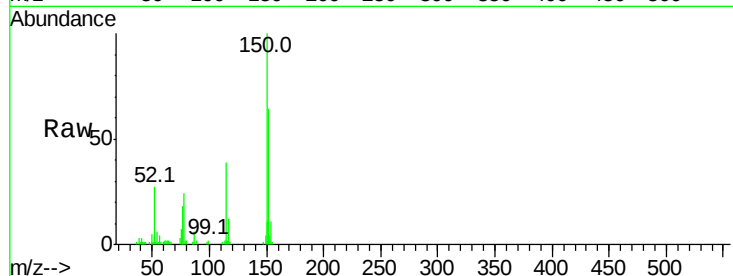


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028864.D
Acq: 21 Sep 2017 19:04

Instrument :
BNA_G
ClientSampleId :
PB102514TB

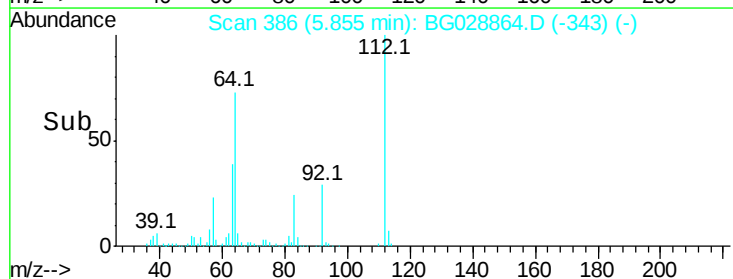
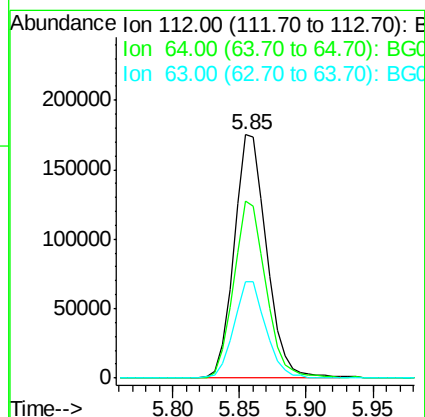
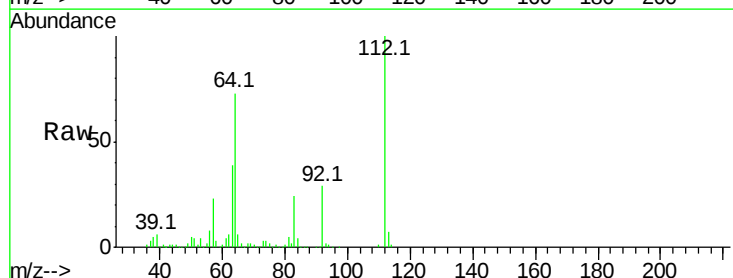
Tot Ion:152 Resp: 31124
Ion Ratio Lower Upper
152 100
150 155.1 114.0 171.0
115 61.1 48.1 72.1

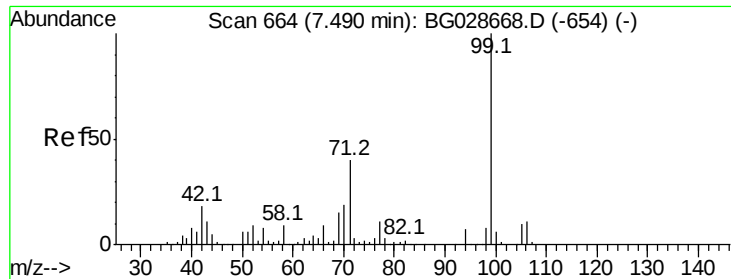


#5

2-Fluorophenol
Concen: 157.241 ng
RT: 5.85 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028864.D
Acq: 21 Sep 2017 19:04

Tgt Ion:112 Resp: 296595
Ion Ratio Lower Upper
112 100
64 72.7 61.8 92.6
63 39.4 37.2 55.8





#7

Phenol-d6

Concen: 140.195 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028864.D

Acq: 21 Sep 2017 19:04

Instrument :

BNA_G

ClientSampleId :

PB102514TB

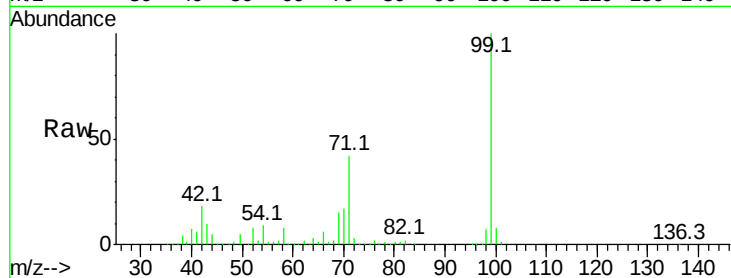
Tot Ion: 99 Resp: 398150

Ion Ratio Lower Upper

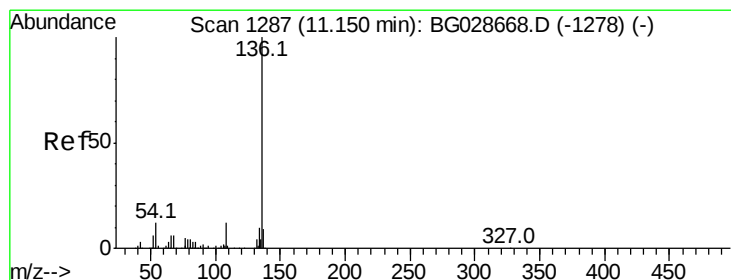
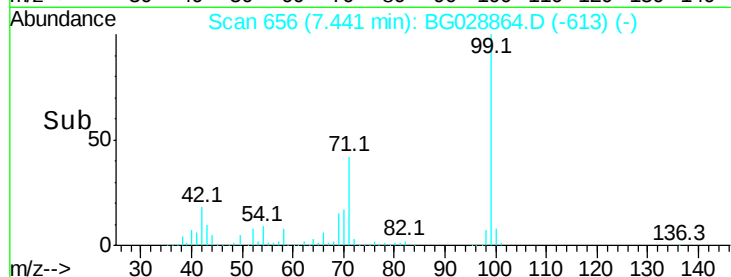
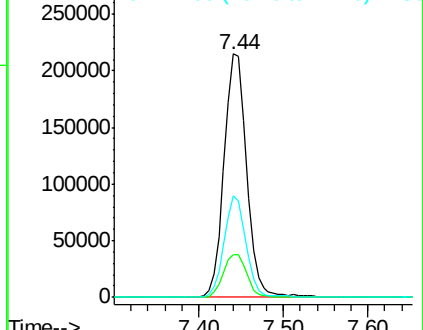
99 100

42 17.7 20.5 30.7#

71 41.6 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: BG028864.D

Acq: 21 Sep 2017 19:04

Tgt Ion: 136 Resp: 123259

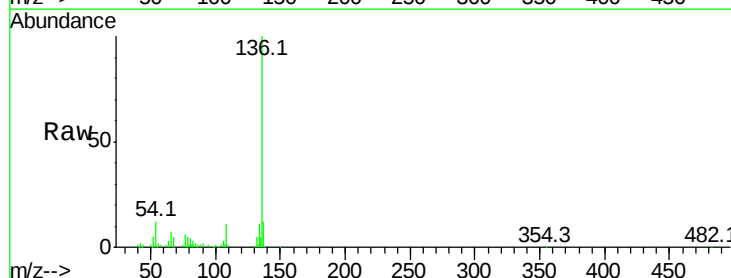
Ion Ratio Lower Upper

136 100

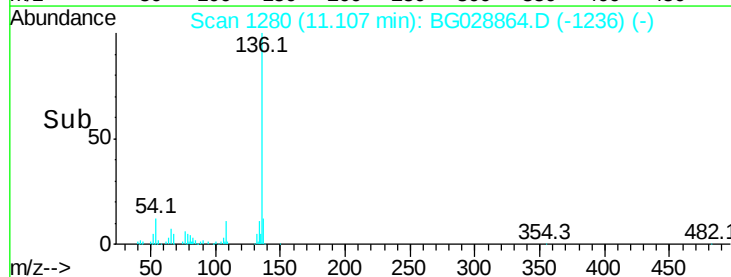
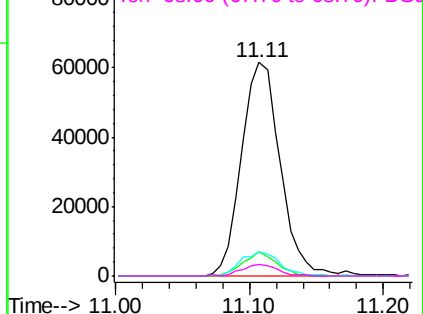
137 11.6 8.9 13.3

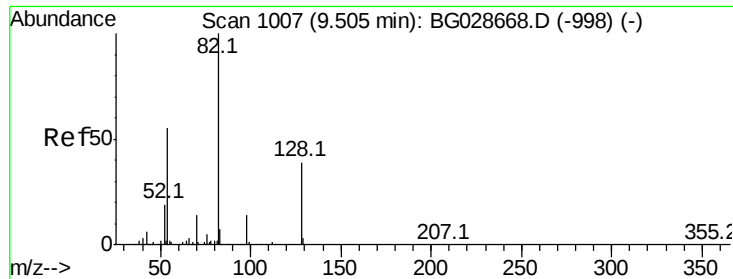
54 11.7 9.3 13.9

68 5.4 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

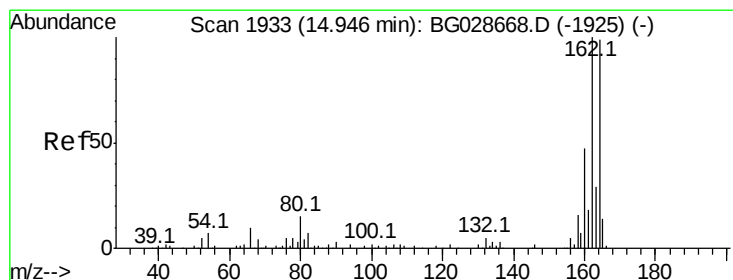
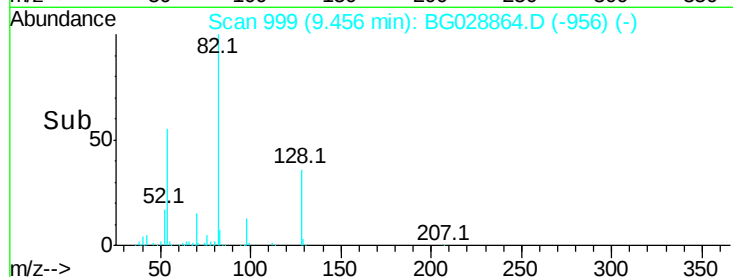
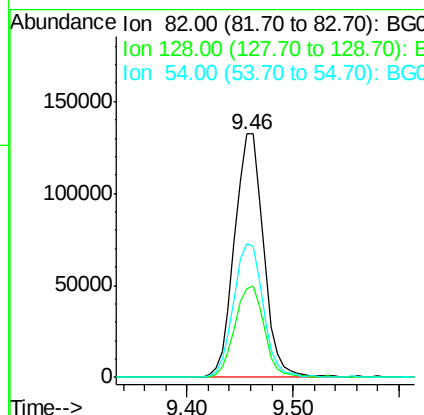
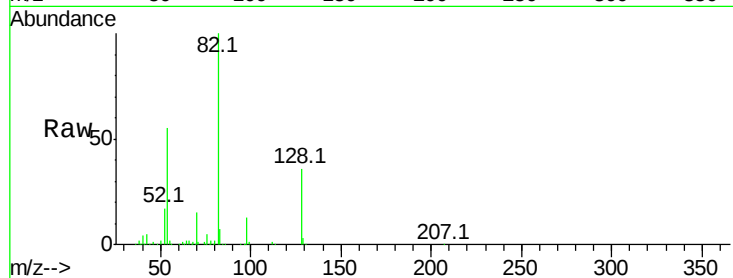




#23
 Nitrobenzene-d5
 Concen: 97.833 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.05 min
 Lab File: BG028864.D
 Acq: 21 Sep 2017 19:04

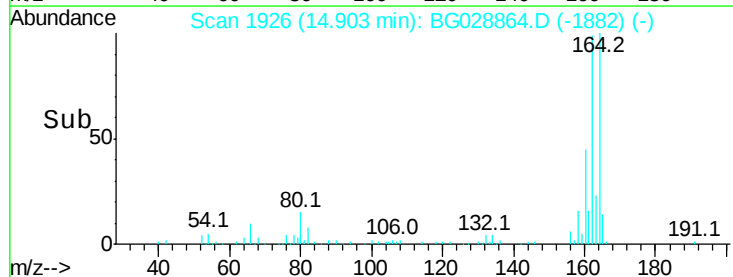
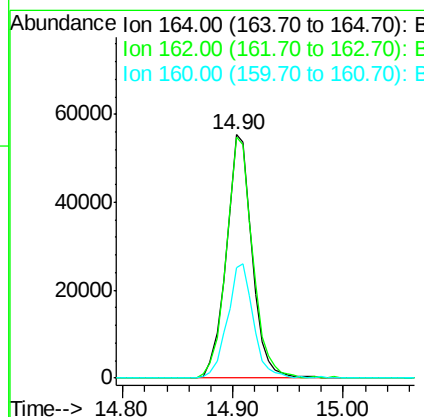
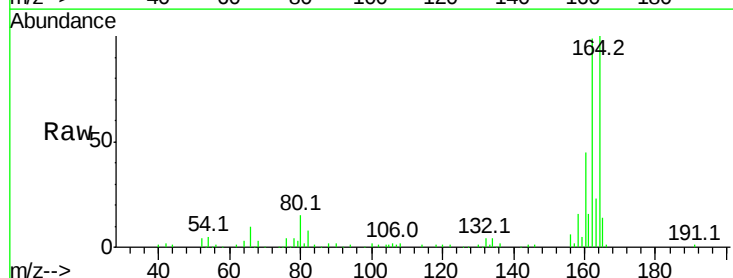
Instrument :
 BNA_G
 ClientSampleId :
 PB102514TB

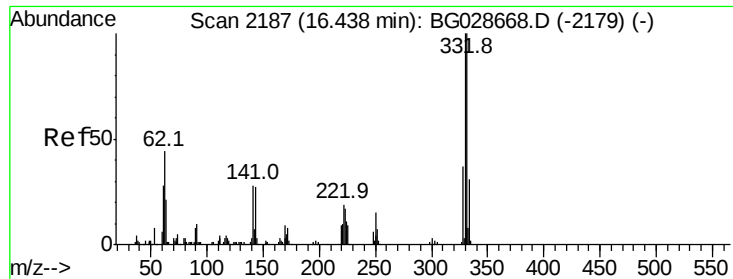
Tot Ion	82	Resp	252080
Ion Ratio	100	Lower	Upper
128	36.3	26.4	39.6
54	54.7	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.90 min Scan# 1926
 Delta R.T. -0.04 min
 Lab File: BG028864.D
 Acq: 21 Sep 2017 19:04

Tgt Ion	164	Resp	90409
Ion Ratio	100	Lower	Upper
162	98.9	85.1	127.7
160	45.2	34.7	52.1

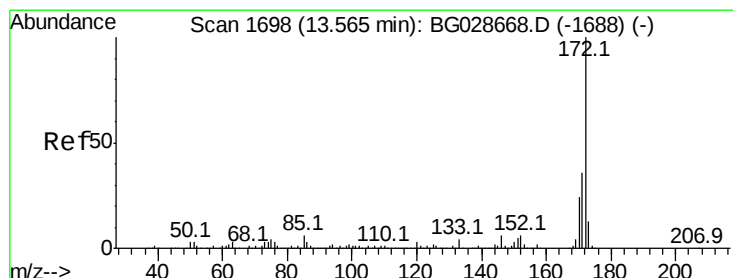
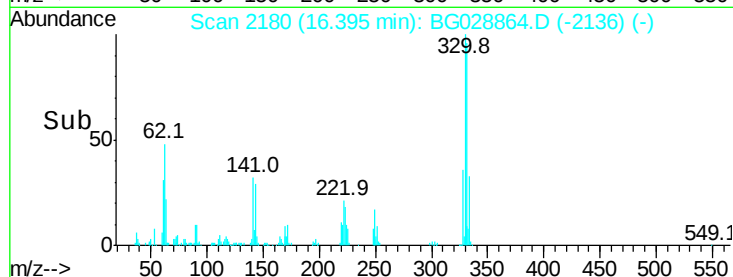
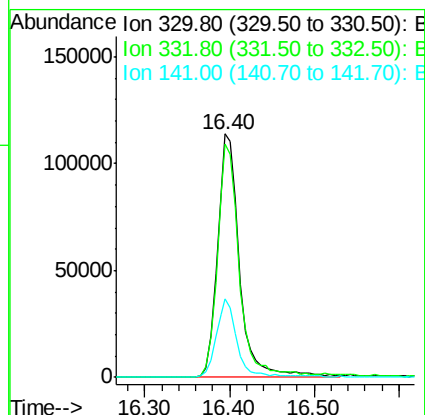
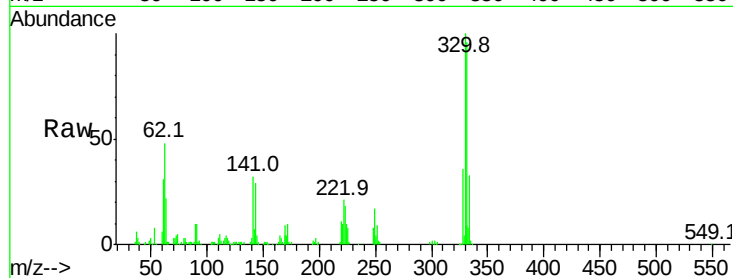




#41
 2,4,6-Tribromophenol
 Concen: 139.839 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028864.D
 Acq: 21 Sep 2017 19:04

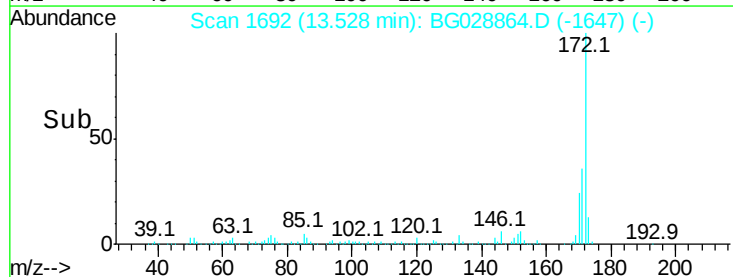
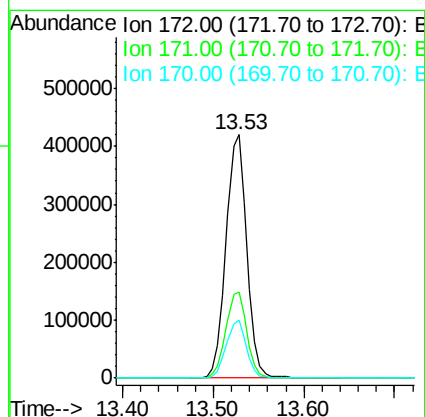
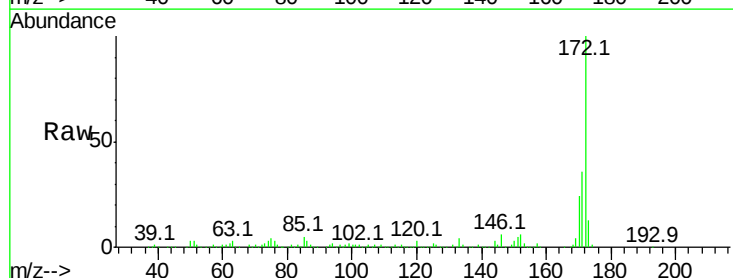
Instrument :
 BNA_G
 ClientSampleId :
 PB102514TB

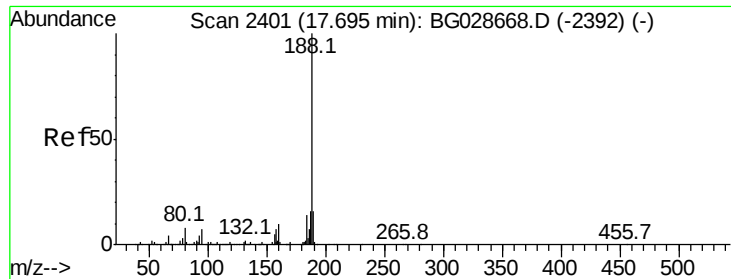
Tot Ion:330 Resp: 209103
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.3 115.9
 141 30.0 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 98.124 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028864.D
 Acq: 21 Sep 2017 19:04

Tgt Ion:172 Resp: 665305
 Ion Ratio Lower Upper
 172 100
 171 35.6 32.2 48.2
 170 23.9 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: BG028864.D

Acq: 21 Sep 2017 19:04

Instrument :

BNA_G

ClientSampleId :

PB102514TB

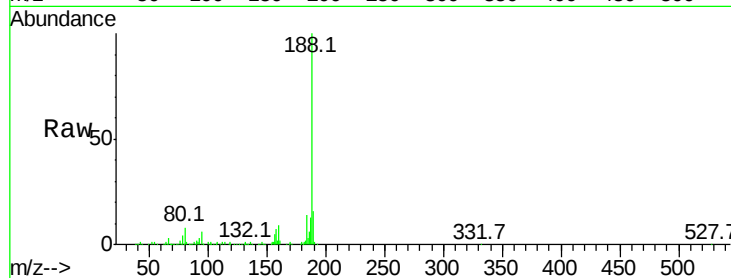
Tot Ion:188 Resp: 251792

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.8

80 7.9 7.5 11.3

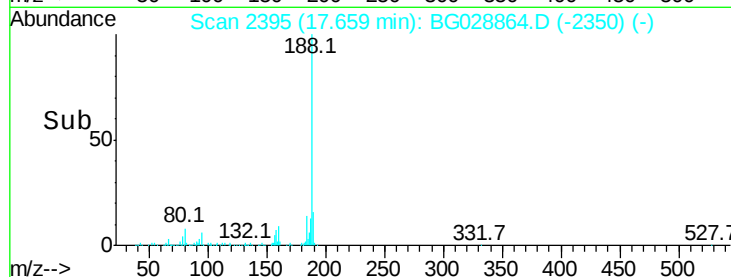


Abundance Ion 188.00 (187.70 to 188.70): E

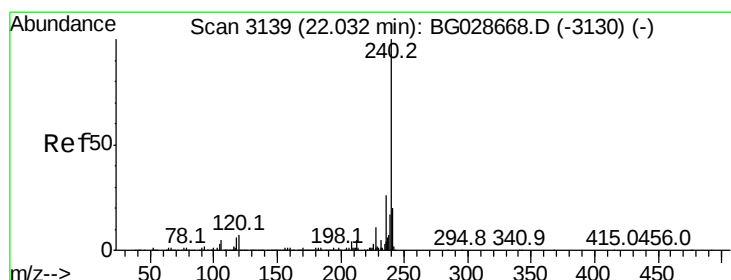
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.66



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028864.D

Acq: 21 Sep 2017 19:04

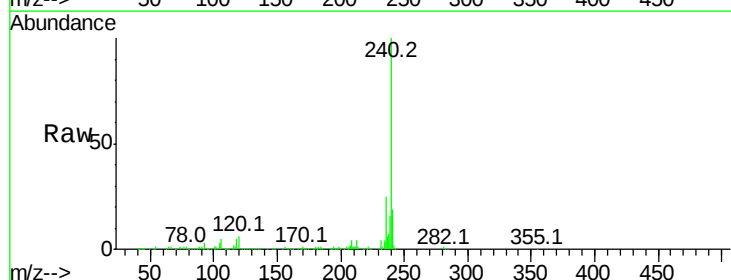
Tgt Ion:240 Resp: 278763

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

236 24.6 22.2 33.4

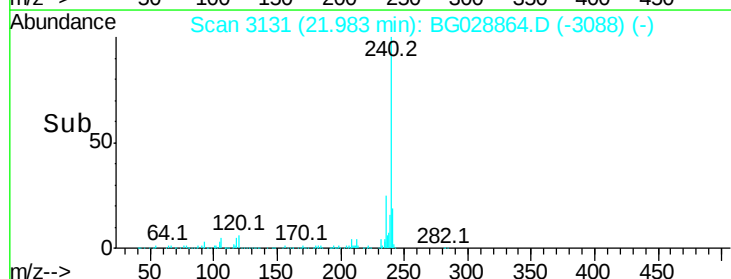


Abundance Ion 240.00 (239.70 to 240.70): E

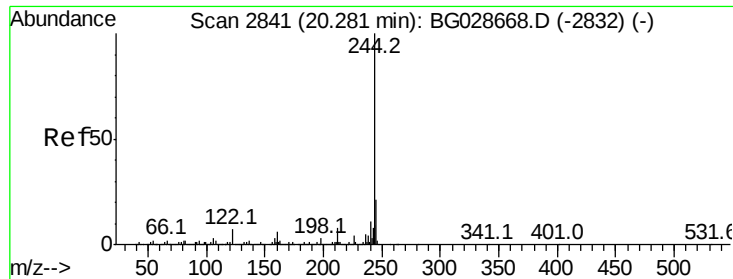
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.98



Time-->



#78

Terphenyl-d14

Concen: 98.657 ng

RT: 20.24 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028864.D

Acq: 21 Sep 2017 19:04

Instrument :

BNA_G

ClientSampleId :

PB102514TB

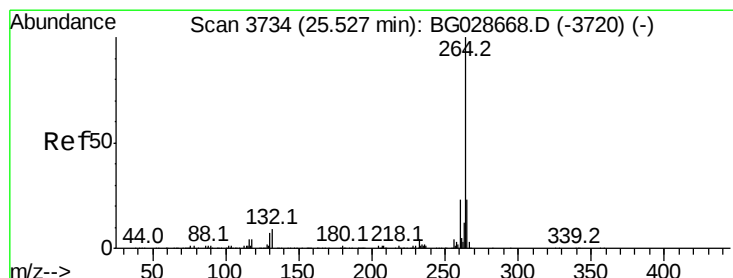
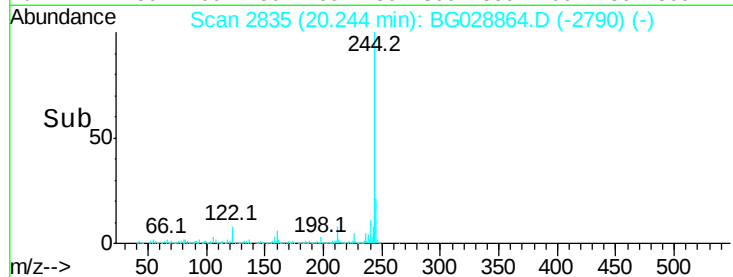
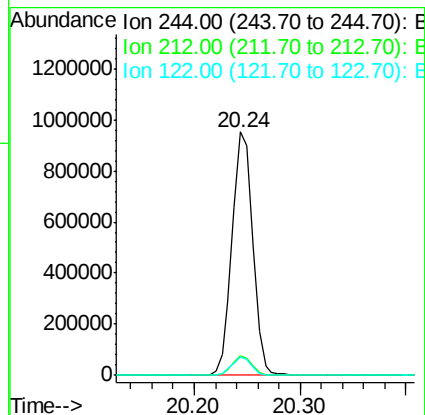
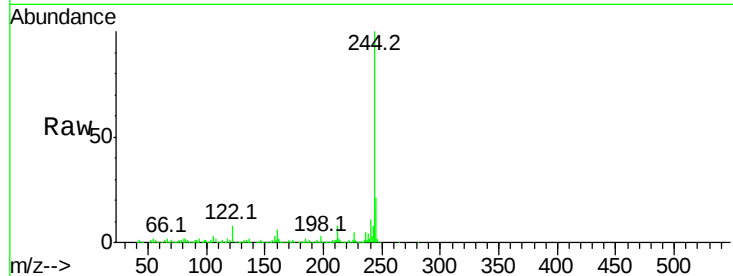
Tot Ion:244 Resp: 1289612

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

122 7.7 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.46 min Scan# 3722

Delta R.T. -0.07 min

Lab File: BG028864.D

Acq: 21 Sep 2017 19:04

Tgt Ion:264 Resp: 253380

Ion Ratio Lower Upper

264 100

260 23.1 21.8 32.8

265 21.7 18.2 27.4

