

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
 Data File : BG028879.D
 Acq On : 22 Sep 2017 18:01
 Operator : SJ/JU
 Sample : PB102487BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102487BL

Quant Time: Sep 22 23:51:14 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	8.28	152	21107	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	83488	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	62272	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	210134	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	250950	20.00	ng	-0.07
86) Perylene-d12	25.40	264	261700	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	181495	141.88	ng	-0.05
7) Phenol-d6	7.43	99	242194	125.75	ng	-0.06
23) Nitrobenzene-d5	9.45	82	152574	87.42	ng	-0.06
41) 2,4,6-Tribromophenol	16.38	330	173399	168.36	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	400429	85.74	ng	-0.05
78) Terphenyl-d14	20.23	244	1039422	88.33	ng	-0.05

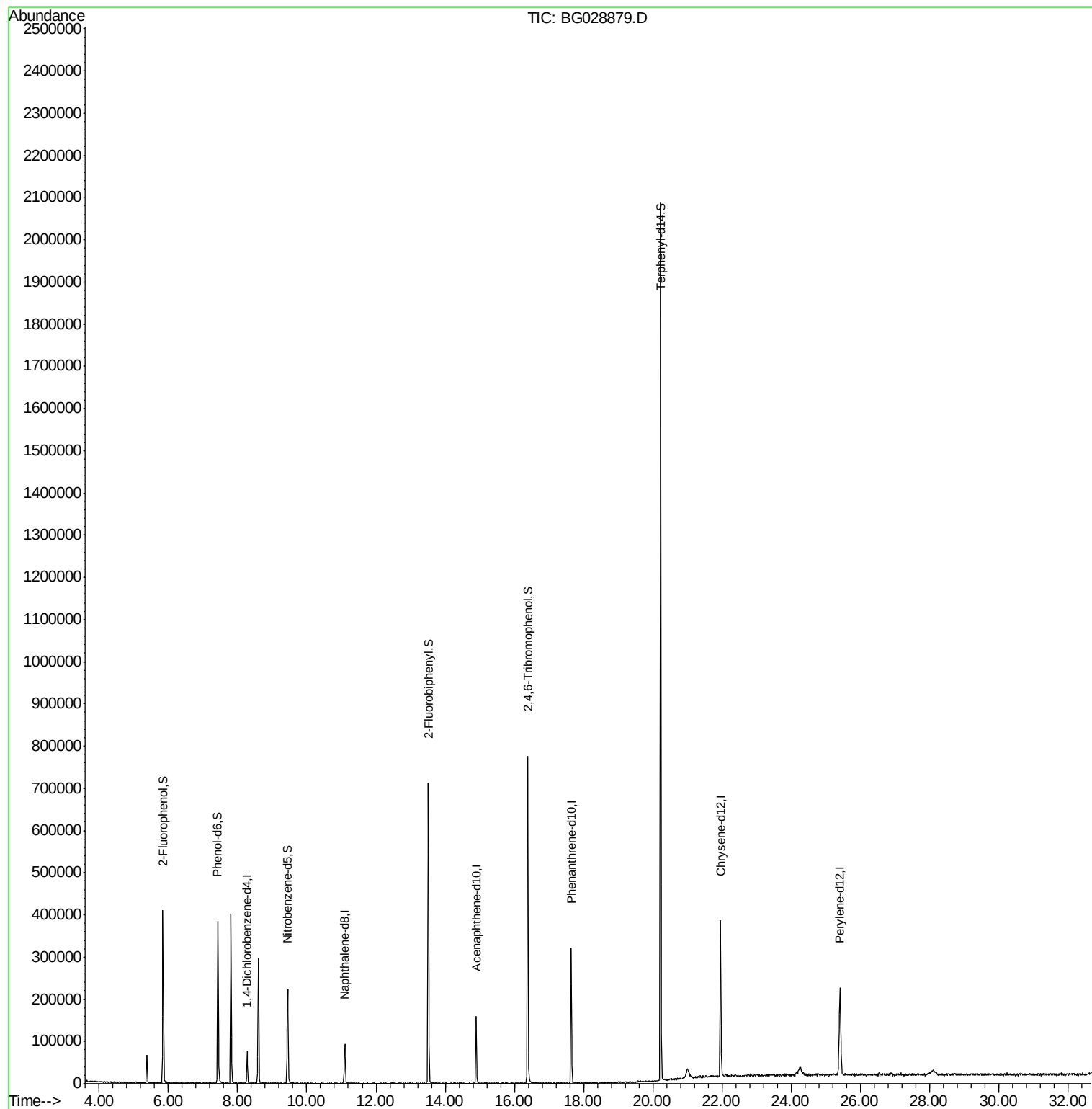
Target Compounds Qvalue

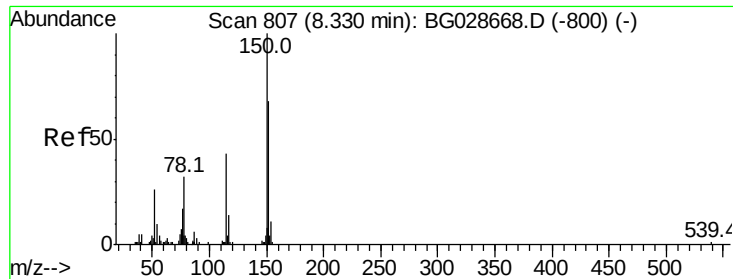
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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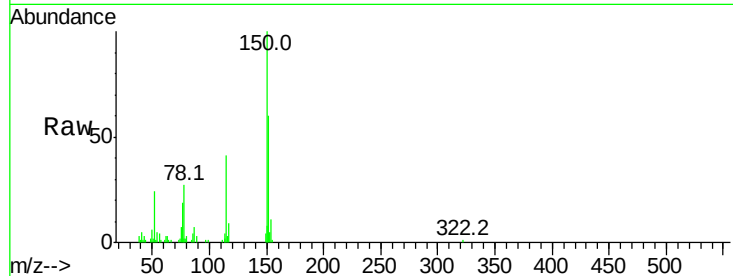


#1

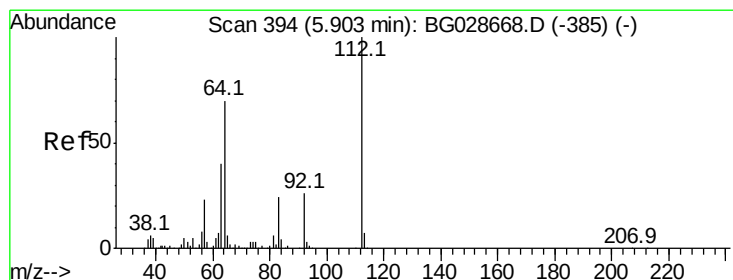
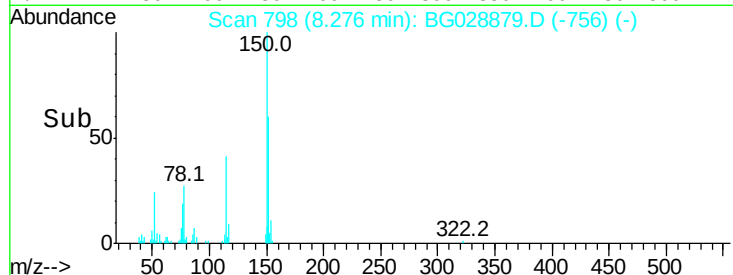
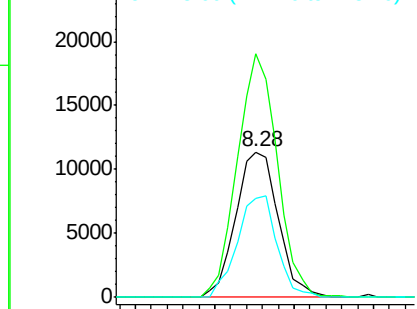
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028879.D
Acq: 22 Sep 2017 18:01

Instrument :
BNA_G
ClientSampleId :
PB102487BL

Tot Ion:152 Resp: 21107
Ion Ratio Lower Upper
152 100
150 167.8 114.0 171.0
115 68.4 48.1 72.1



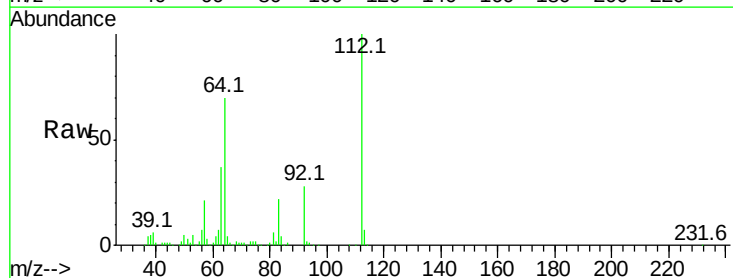
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



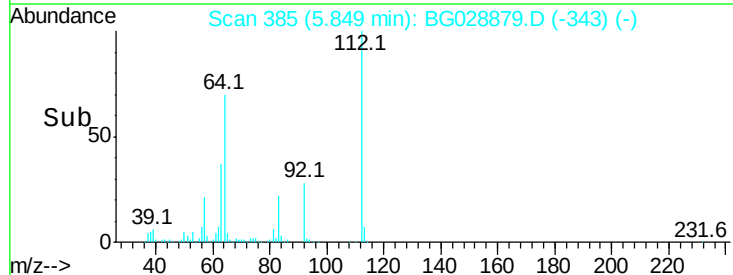
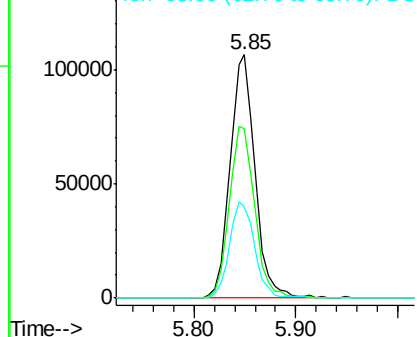
#5

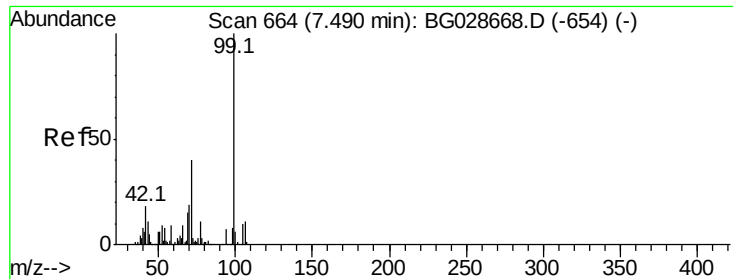
2-Fluorophenol
Concen: 141.885 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028879.D
Acq: 22 Sep 2017 18:01

Tgt Ion:112 Resp: 181495
Ion Ratio Lower Upper
112 100
64 69.7 61.8 92.6
63 37.5 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 125.753 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028879.D

Acq: 22 Sep 2017 18:01

Instrument :

BNA_G

ClientSampleId :

PB102487BL

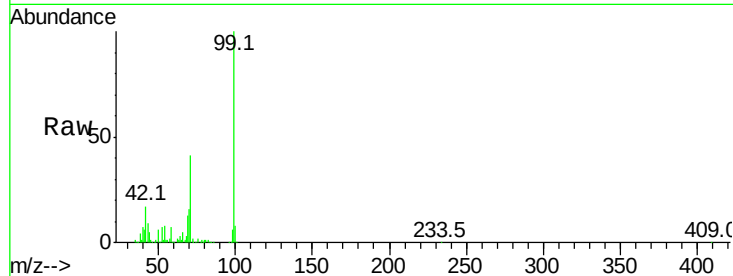
Tot Ion: 99 Resp: 242194

Ion Ratio Lower Upper

99 100

42 16.8 20.5 30.7#

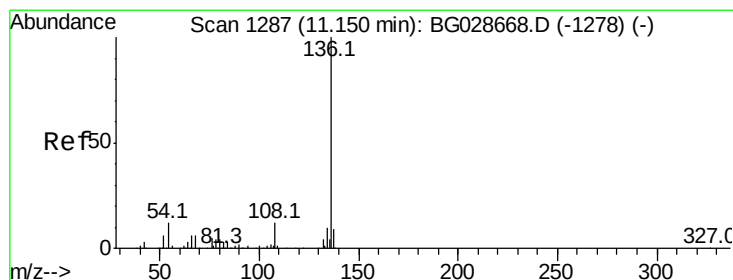
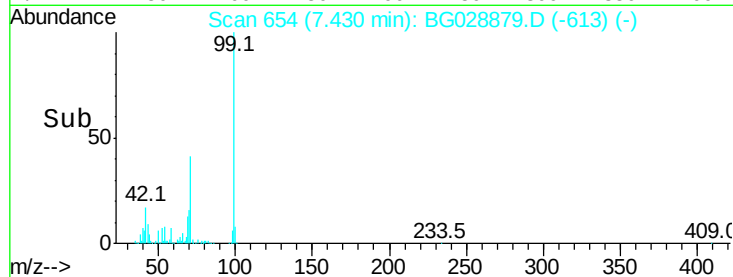
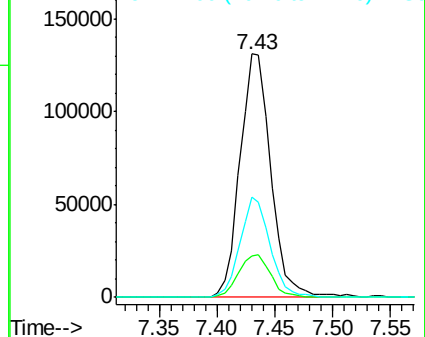
71 41.0 37.6 56.4



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: 11.10 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BG028879.D

Acq: 22 Sep 2017 18:01

Tgt Ion: 136 Resp: 83488

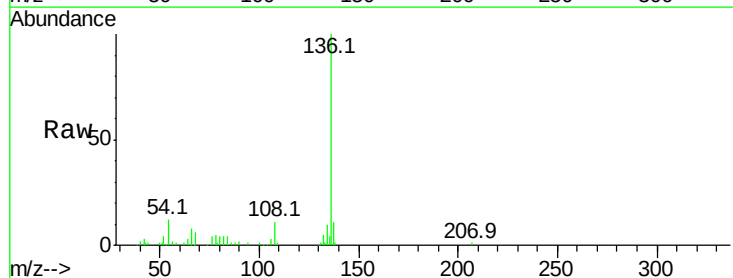
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 11.7 9.3 13.9

68 5.7 5.1 7.7

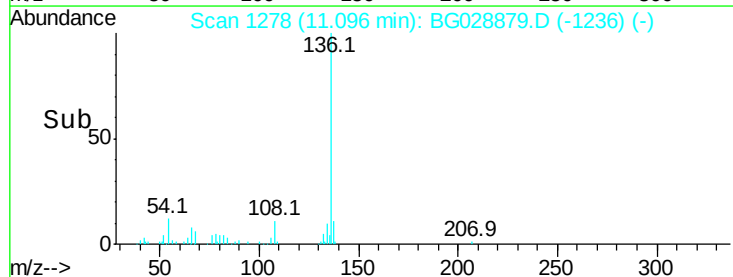
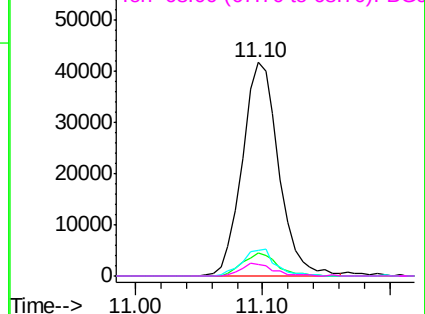


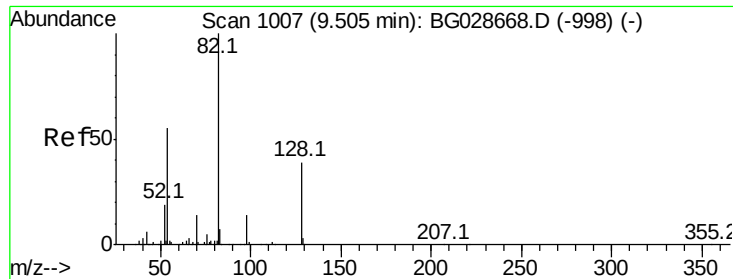
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

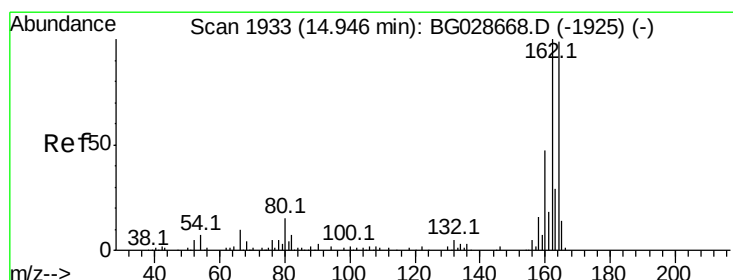
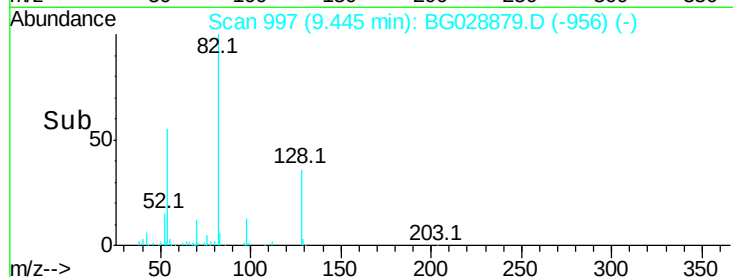
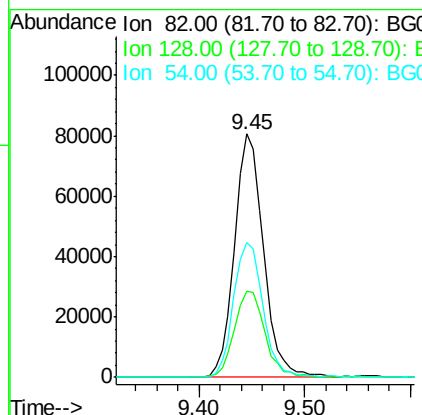
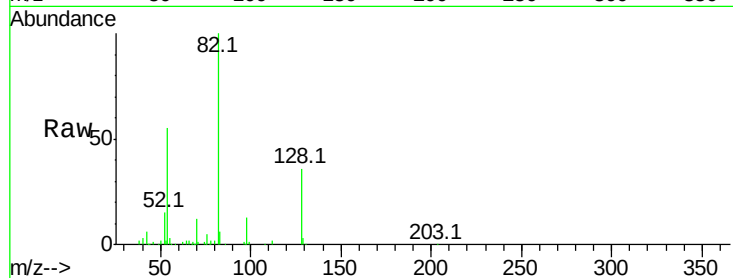




#23
Nitrobenzene-d5
Concen: 87.423 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028879.D
Acq: 22 Sep 2017 18:01

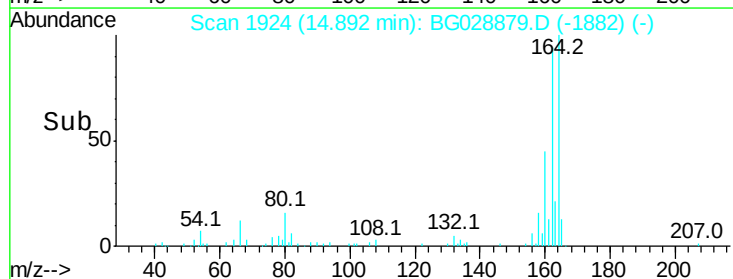
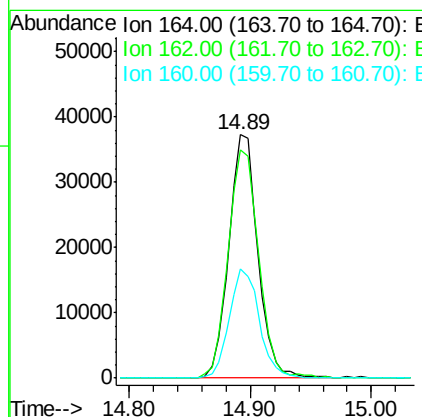
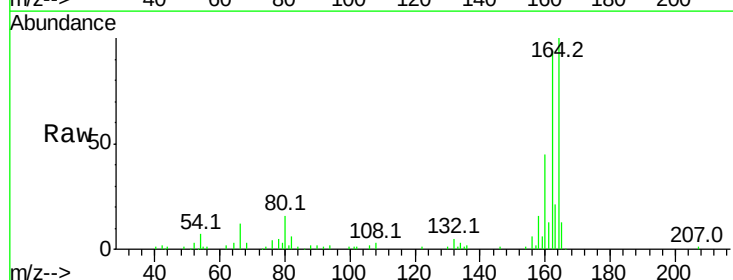
Instrument :
BNA_G
ClientSampleId :
PB102487BL

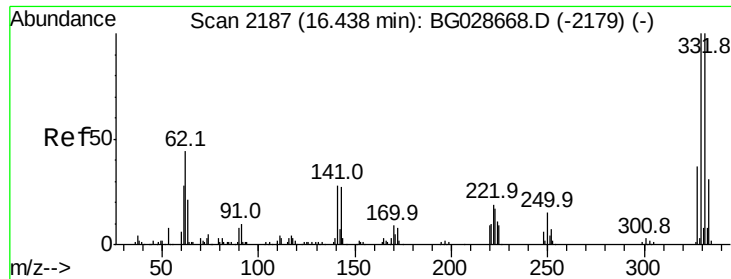
Tot Ion	82	Resp	152574
Ion	Ratio	Lower	Upper
82	100		
128	35.5	26.4	39.6
54	55.2	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028879.D
Acq: 22 Sep 2017 18:01

Tgt Ion	164	Resp	62272
Ion	Ratio	Lower	Upper
164	100		
162	93.8	85.1	127.7
160	44.9	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 168.358 ng

RT: 16.38 min Scan# 2178

Delta R.T. -0.05 min

Lab File: BG028879.D

Acq: 22 Sep 2017 18:01

Instrument :

BNA_G

ClientSampleID :

PB102487BL

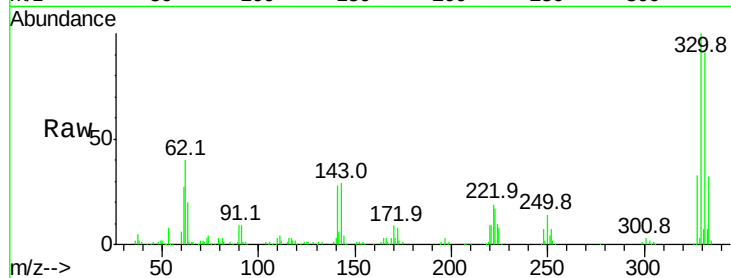
Tot Ion:330 Resp: 173399

Ion Ratio Lower Upper

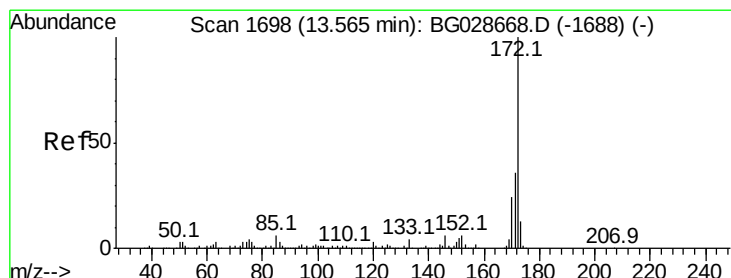
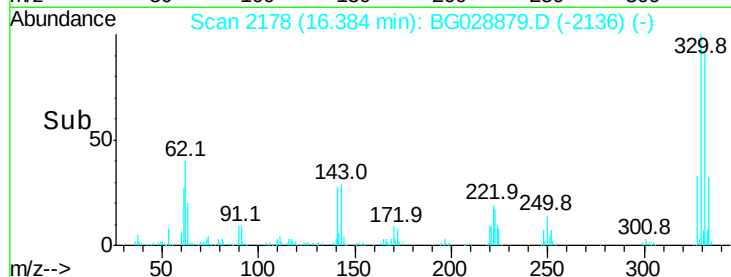
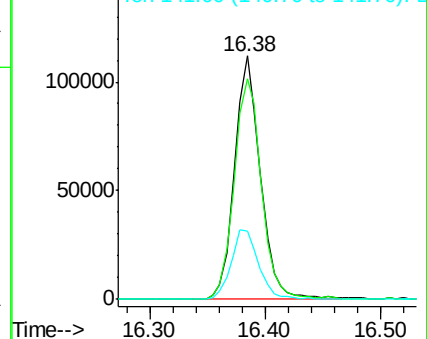
330 100

332 96.3 77.3 115.9

141 30.2 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: 85.743 ng

RT: 13.51 min Scan# 1689

Delta R.T. -0.05 min

Lab File: BG028879.D

Acq: 22 Sep 2017 18:01

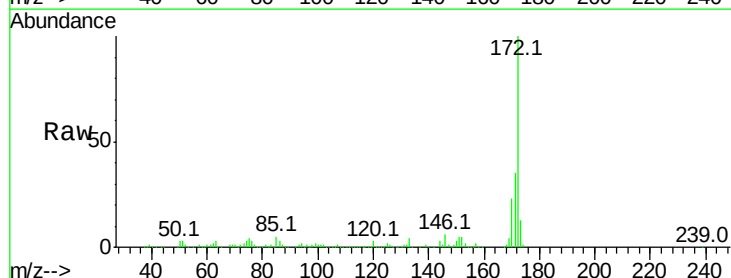
Tgt Ion:172 Resp: 400429

Ion Ratio Lower Upper

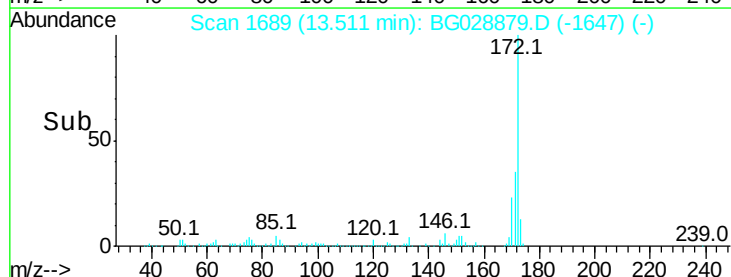
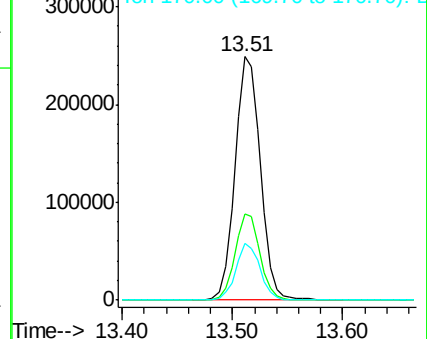
172 100

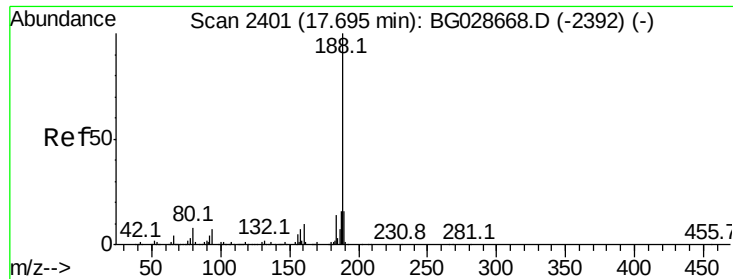
171 35.3 32.2 48.2

170 23.1 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: 17.64 min Scan# 2392

Delta R.T. -0.05 min

Lab File: BG028879.D

Acq: 22 Sep 2017 18:01

Instrument :

BNA_G

ClientSampleId :

PB102487BL

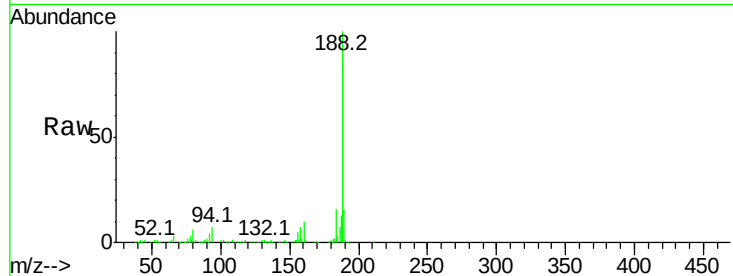
Tot Ion:188 Resp: 210134

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

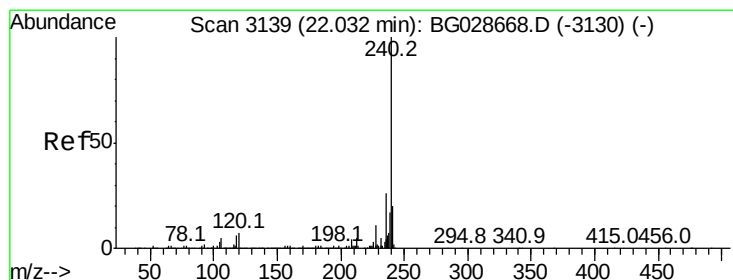
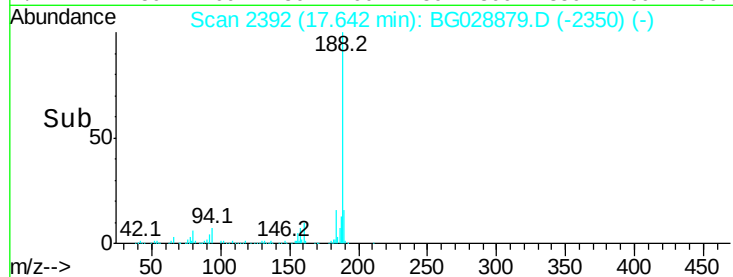
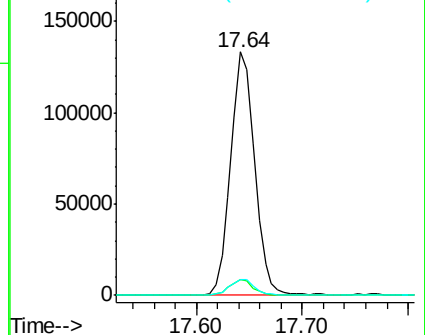
80 6.5 7.5 11.3#



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: 21.96 min Scan# 3127

Delta R.T. -0.07 min

Lab File: BG028879.D

Acq: 22 Sep 2017 18:01

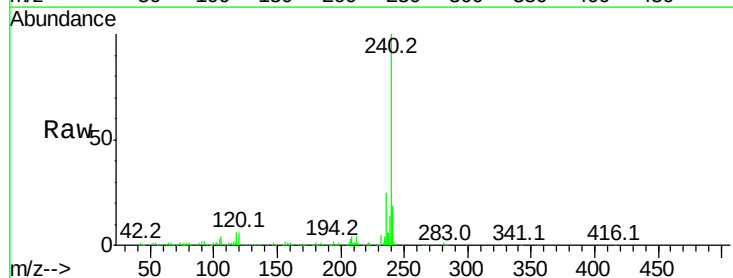
Tgt Ion:240 Resp: 250950

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

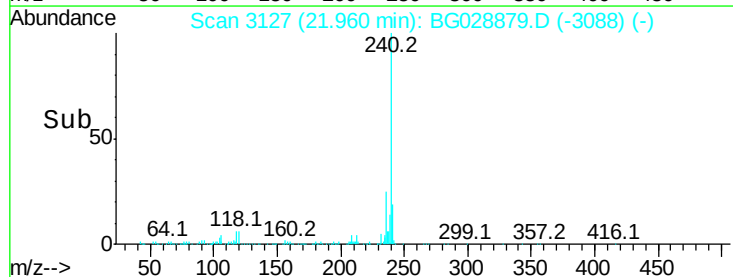
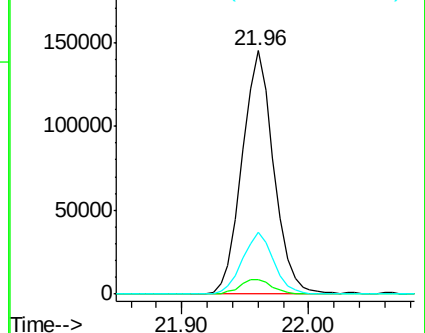
236 25.2 22.2 33.4

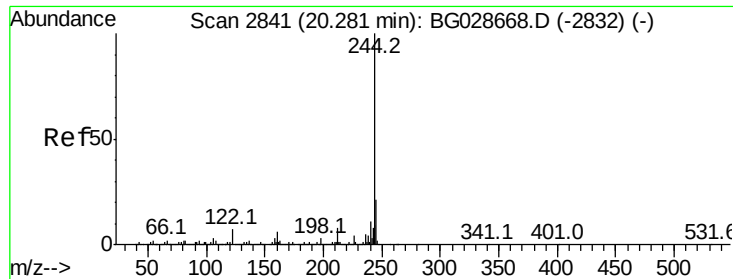


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.330 ng

RT: 20.23 min Scan# 2832

Delta R.T. -0.05 min

Lab File: BG028879.D

Acq: 22 Sep 2017 18:01

Instrument :

BNA_G

ClientSampleId :

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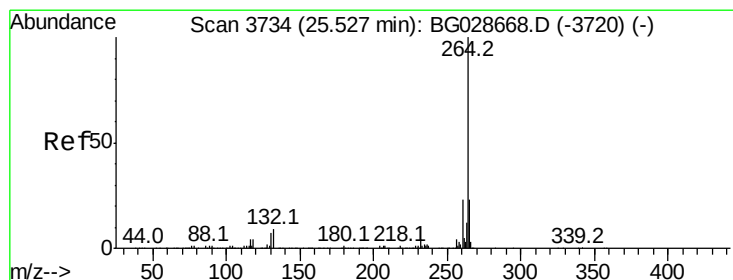
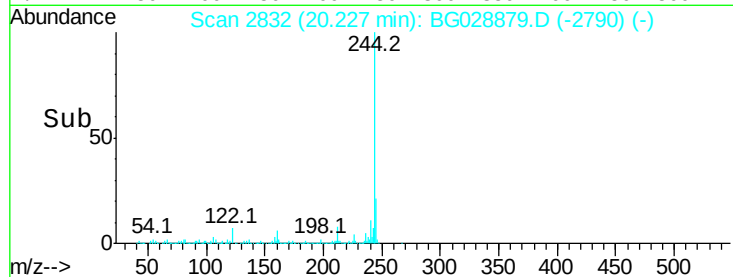
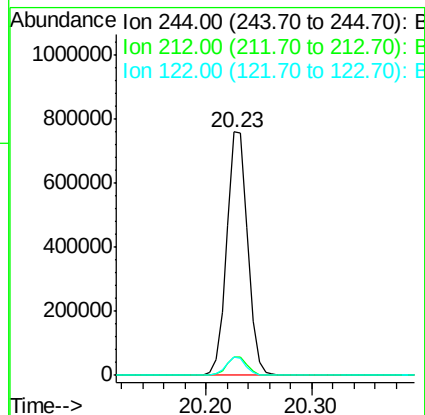
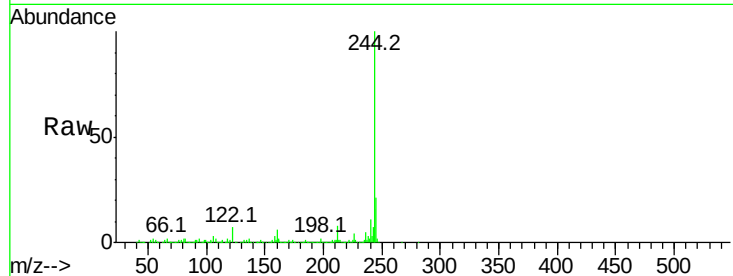
Tot Ion:244 Resp: 1039422

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

122 7.4 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.40 min Scan# 3713

Delta R.T. -0.12 min

Lab File: BG028879.D

Acq: 22 Sep 2017 18:01

Tgt Ion:264 Resp: 261700

Ion Ratio Lower Upper

264 100

260 22.6 21.8 32.8

265 22.8 18.2 27.4

