

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091017\
 Data File : BG028619.D
 Acq On : 9 Sep 2017 17:39
 Operator : SJ/JU
 Sample : PB102150TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102150TB

Quant Time: Sep 11 07:47:01 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 07 18:39:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	29500	20.00	ng	0.00
21) Naphthalene-d8	11.16	136	112191	20.00	ng	0.00
38) Acenaphthene-d10	14.95	164	82288	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	235091	20.00	ng	0.00
75) Chrysene-d12	22.03	240	289998	20.00	ng	-0.01
86) Perylene-d12	25.53	264	283729	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	317068	180.97	ng	0.00
7) Phenol-d6	7.49	99	423109	166.49	ng	0.00
23) Nitrobenzene-d5	9.51	82	268621	109.94	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	257038	205.52	ng	0.00
44) 2-Fluorobiphenyl	13.57	172	676912	107.62	ng	0.00
78) Terphenyl-d14	20.28	244	1461075	108.55	ng	0.00

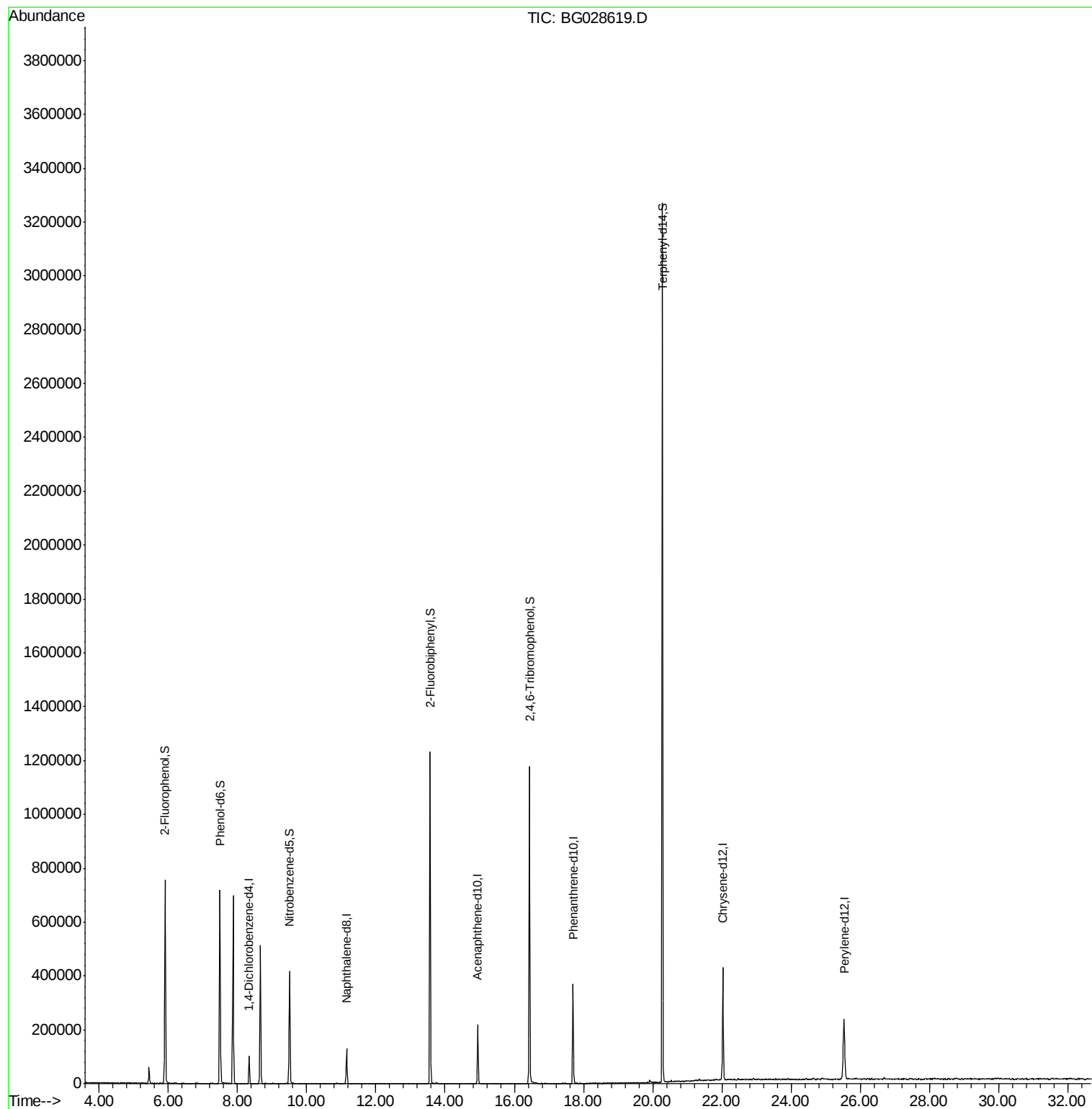
Target Compounds Qvalue

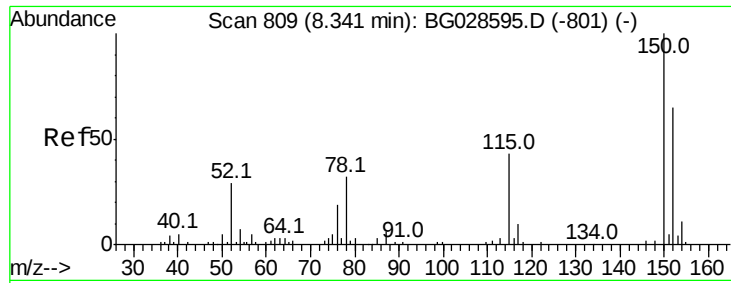
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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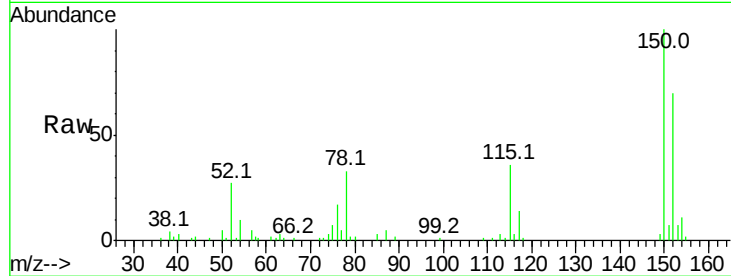


#1

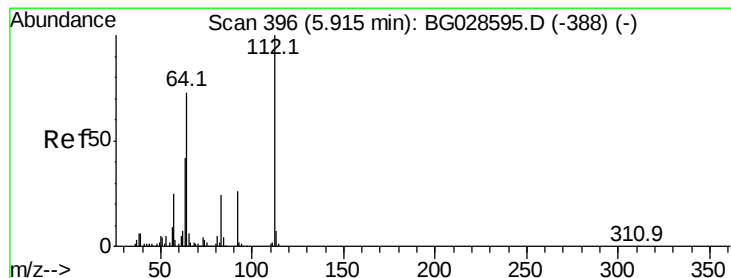
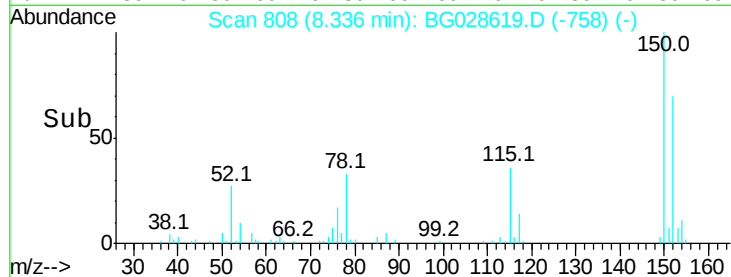
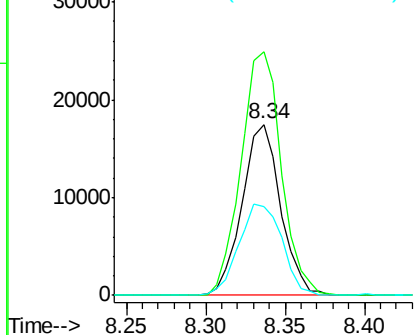
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.34 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB102150TB

Tot Ion:152 Resp: 29500
Ion Ratio Lower Upper
152 100
150 142.3 114.0 171.0
115 51.7 48.1 72.1



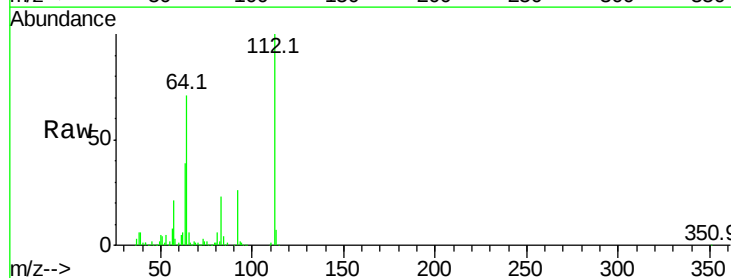
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



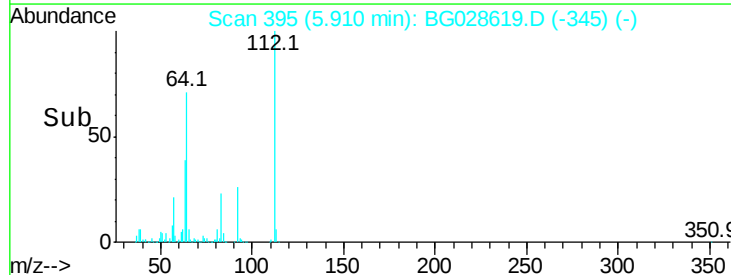
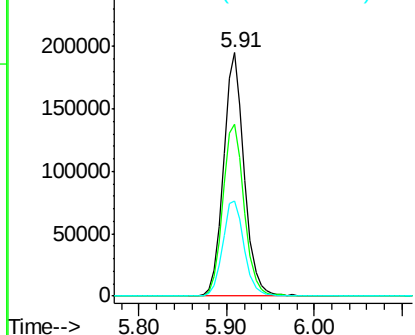
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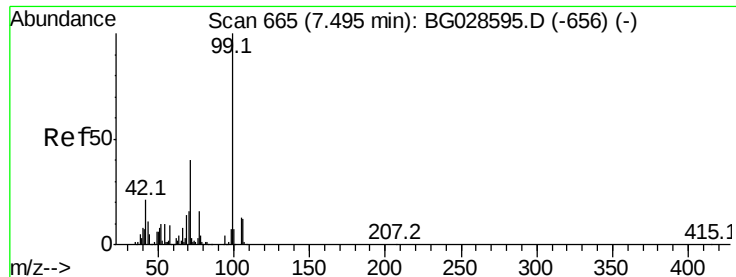
2-Fluorophenol
Concen: 180.969 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:112 Resp: 317068
Ion Ratio Lower Upper
112 100
64 70.6 61.8 92.6
63 38.8 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: 166.491 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

Instrument :

BNA_G

ClientSampleId :

PB102150TB

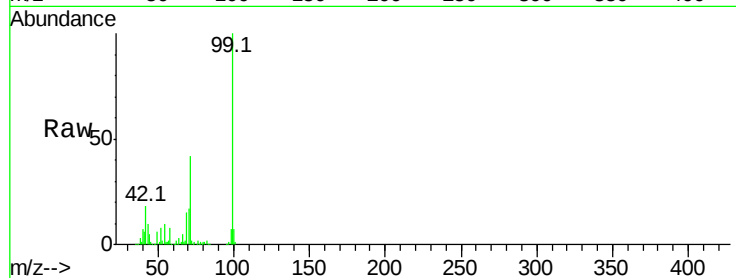
Tot Ion: 99 Resp: 423109

Ion Ratio Lower Upper

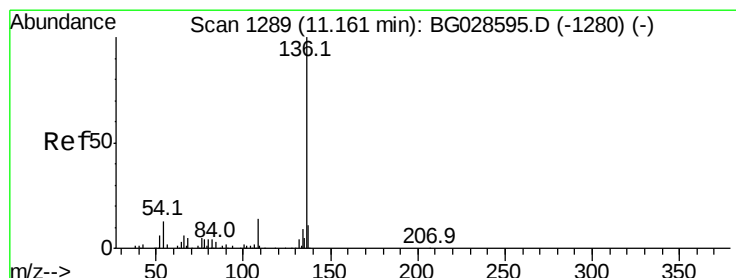
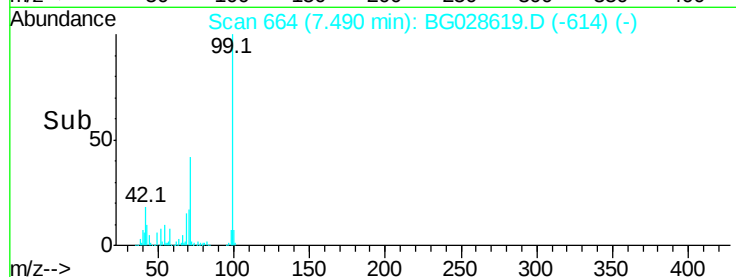
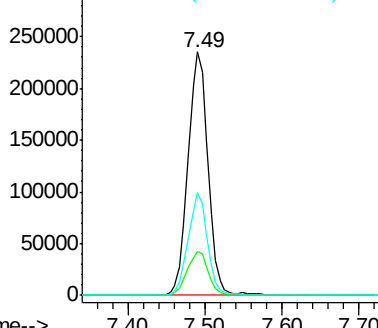
99 100

42 17.8 20.5 30.7#

71 42.1 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: 11.16 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

Tgt Ion: 136 Resp: 112191

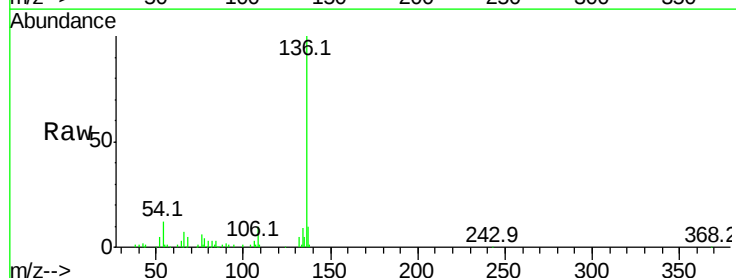
Ion Ratio Lower Upper

136 100

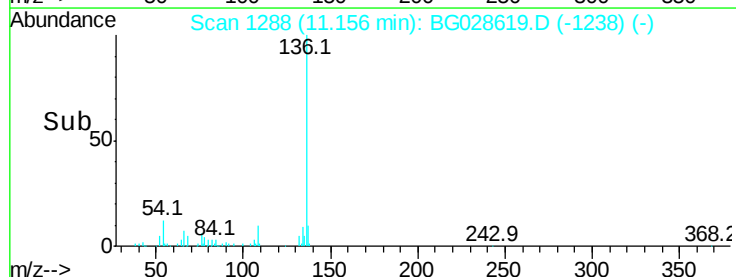
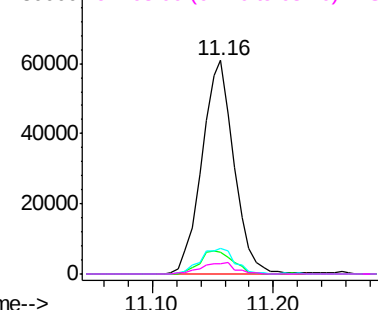
137 10.3 8.9 13.3

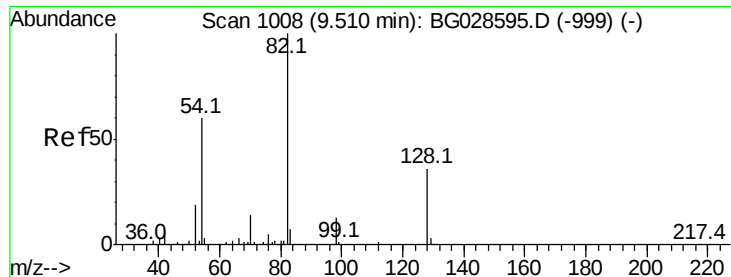
54 11.9 9.3 13.9

68 4.7 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

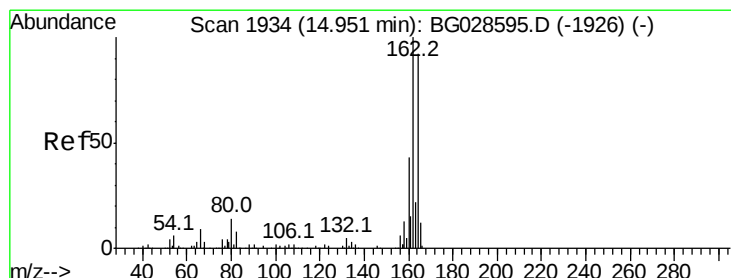
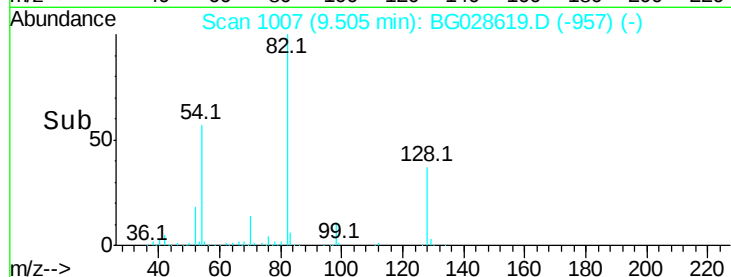
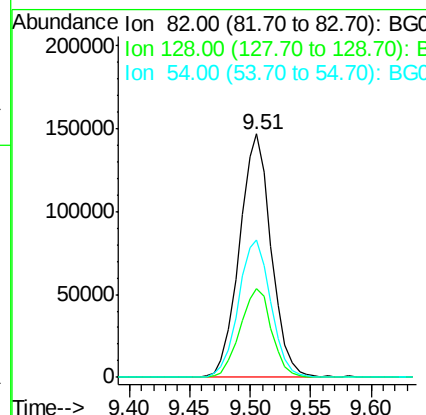
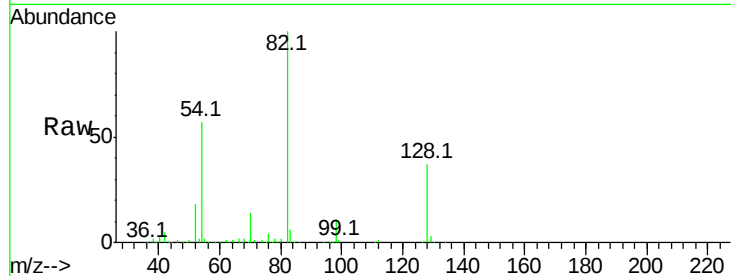




#23
Nitrobenzene-d5
Concen: 109.942 ng
RT: 9.51 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

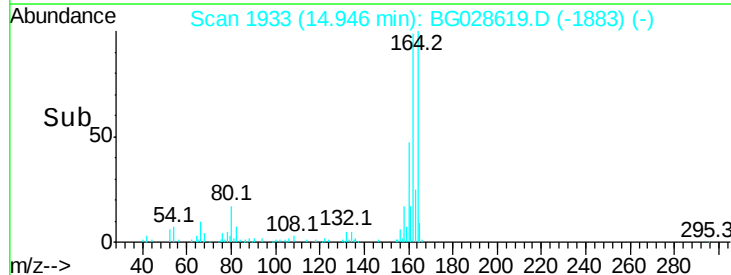
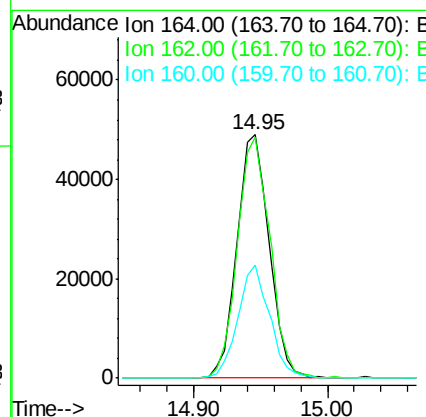
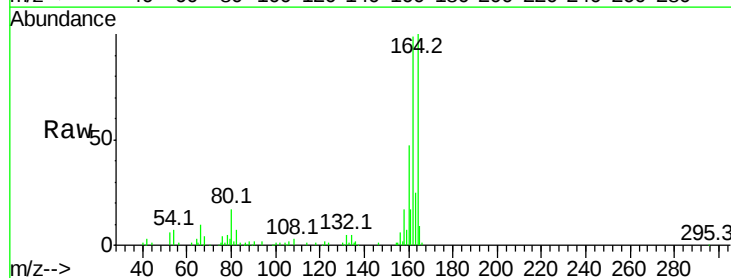
Instrument :
BNA_G
ClientSampleId :
PB102150TB

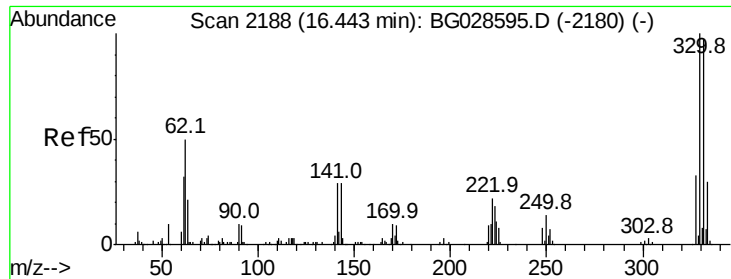
Tot Ion: 82 Resp: 268621
Ion Ratio Lower Upper
82 100
128 36.5 26.4 39.6
54 56.5 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.95 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:164 Resp: 82288
Ion Ratio Lower Upper
164 100
162 98.8 85.1 127.7
160 46.6 34.7 52.1

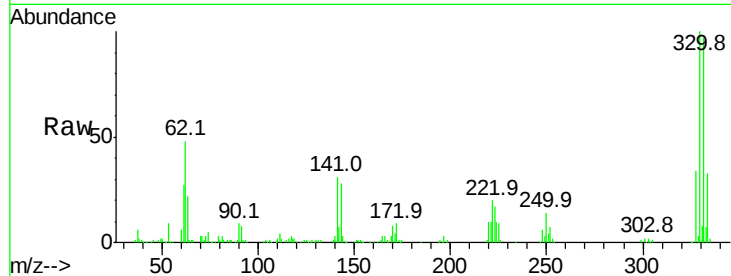




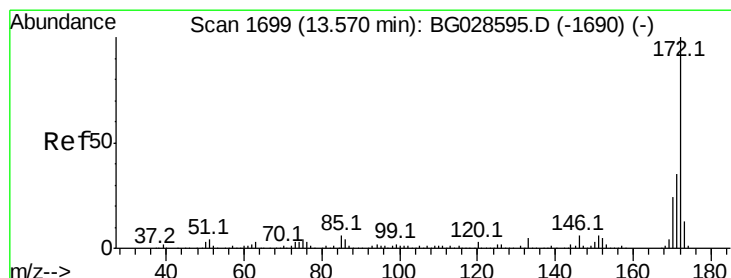
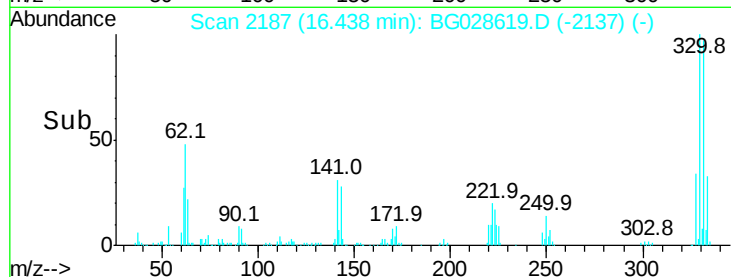
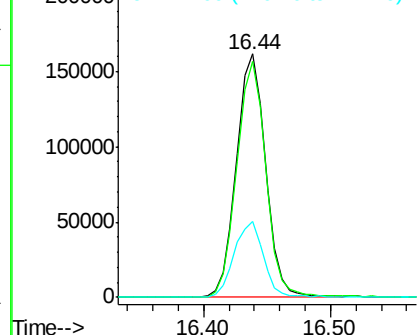
#41
 2,4,6-Tribromophenol
 Concen: 205.516 ng
 RT: 16.44 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG028619.D
 Acq: 9 Sep 2017 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB102150TB

Tot Ion:330 Resp: 257038
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 31.3 32.1 48.1#

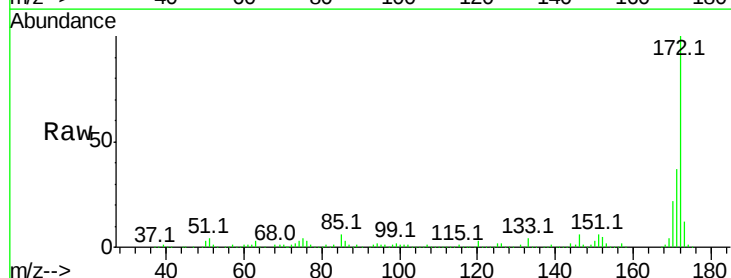


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

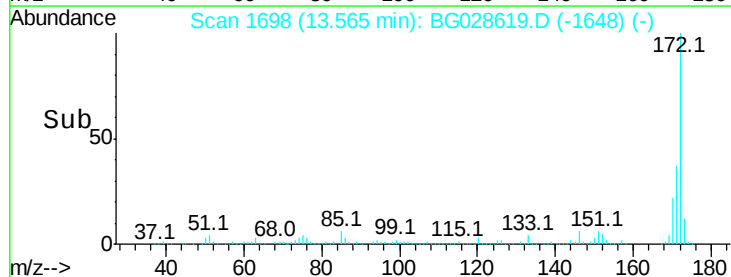
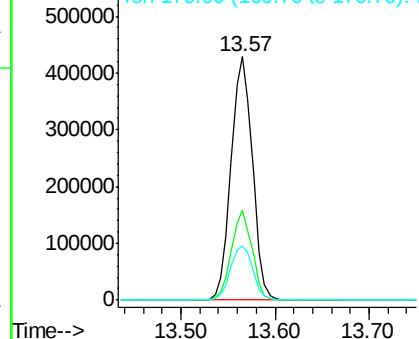


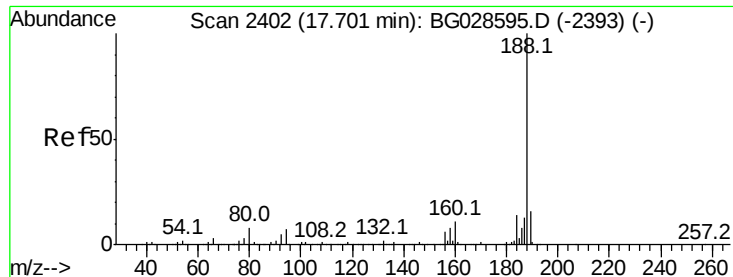
#44
 2-Fluorobiphenyl
 Concen: 107.616 ng
 RT: 13.57 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG028619.D
 Acq: 9 Sep 2017 17:39

Tgt Ion:172 Resp: 676912
 Ion Ratio Lower Upper
 172 100
 171 37.0 32.2 48.2
 170 22.3 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: 17.70 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

Instrument :

BNA_G

ClientSampleId :

PB102150TB

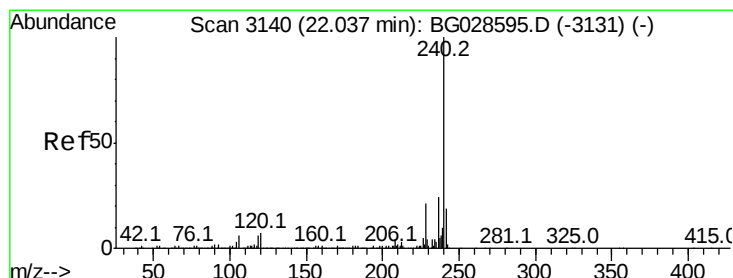
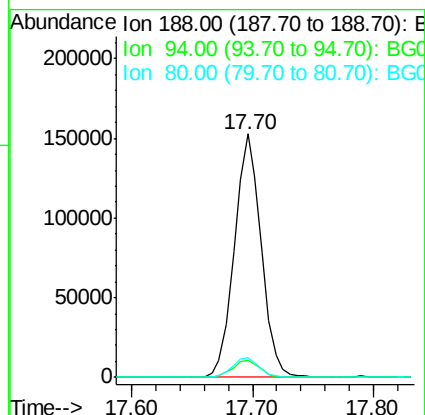
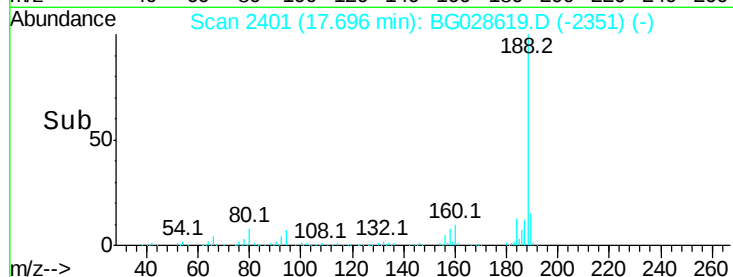
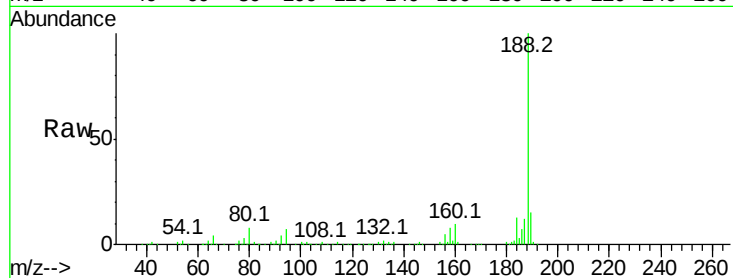
Tot Ion:188 Resp: 235091

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.8

80 8.0 7.5 11.3



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

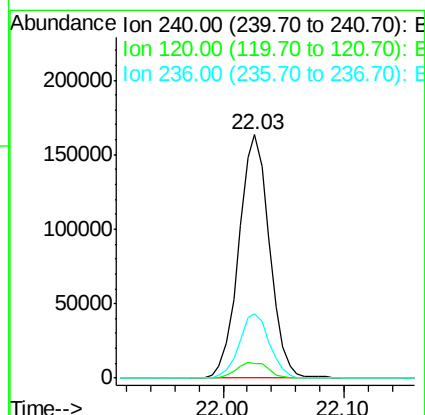
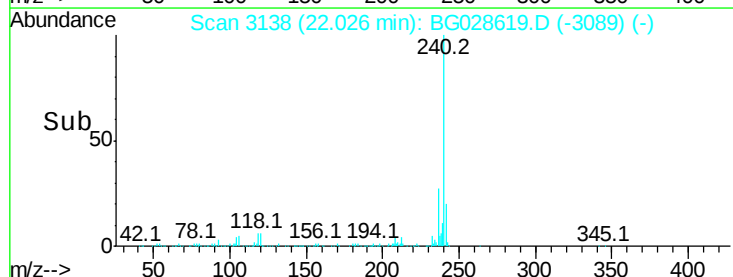
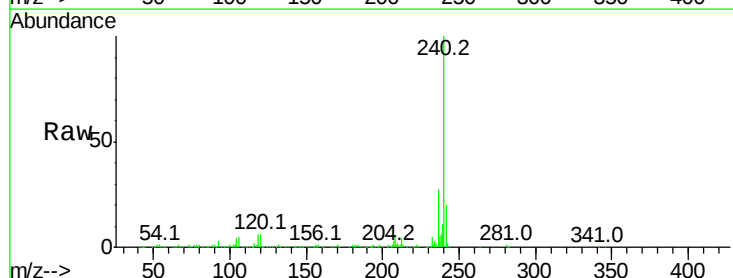
Tgt Ion:240 Resp: 289998

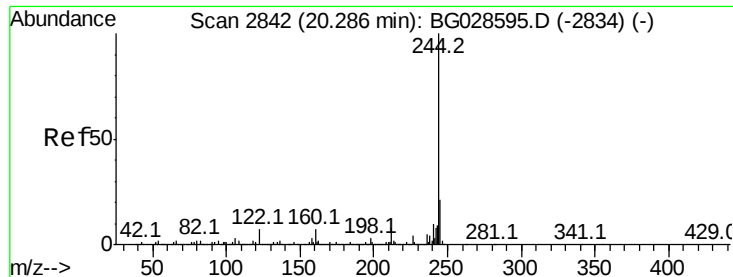
Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

236 26.6 22.2 33.4





#78

Terphenyl-d14

Concen: 108.549 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

Instrument :

BNA_G

ClientSampleId :

PB102150TB

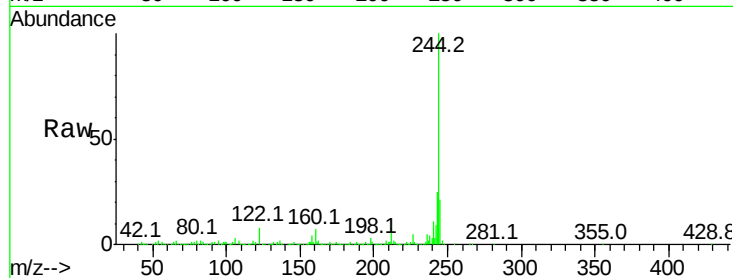
Tot Ion:244 Resp: 1461075

Ion Ratio Lower Upper

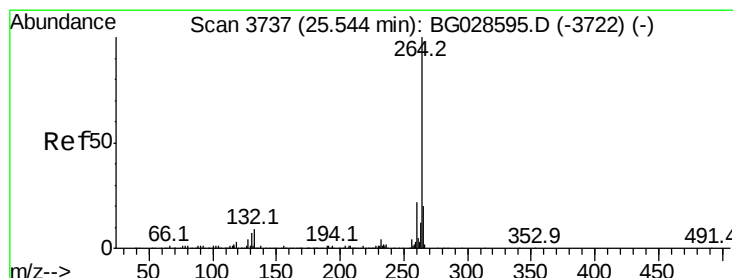
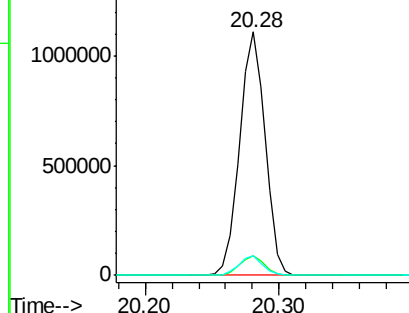
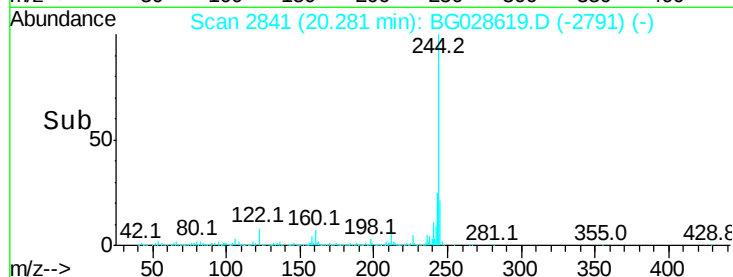
244 100

212 8.0 10.0 15.0#

122 8.0 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: 25.53 min Scan# 3734

Delta R.T. -0.02 min

Lab File: BG028619.D

Acq: 9 Sep 2017 17:39

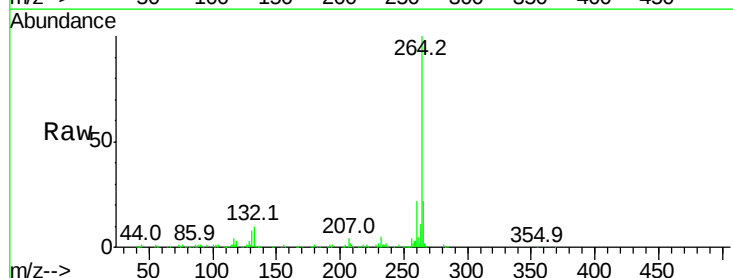
Tgt Ion:264 Resp: 283729

Ion Ratio Lower Upper

264 100

260 22.3 21.8 32.8

265 21.6 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

