

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028825.D
 Acq On : 20 Sep 2017 10:40
 Operator : SJ/JU
 Sample : PB102386TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102386TB

Quant Time: Sep 21 01:49:54 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	27397	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	108912	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	87425	20.00	ng	-0.03
63) Phenanthrene-d10	17.66	188	271495	20.00	ng	-0.03
75) Chrysene-d12	21.99	240	300108	20.00	ng	-0.05
86) Perylene-d12	25.46	264	305369	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	224037	134.93	ng	-0.05
7) Phenol-d6	7.44	99	302755	121.11	ng	-0.05
23) Nitrobenzene-d5	9.46	82	186387	81.87	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	210934	145.88	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	526562	80.31	ng	-0.03
78) Terphenyl-d14	20.25	244	1168702	83.05	ng	-0.03

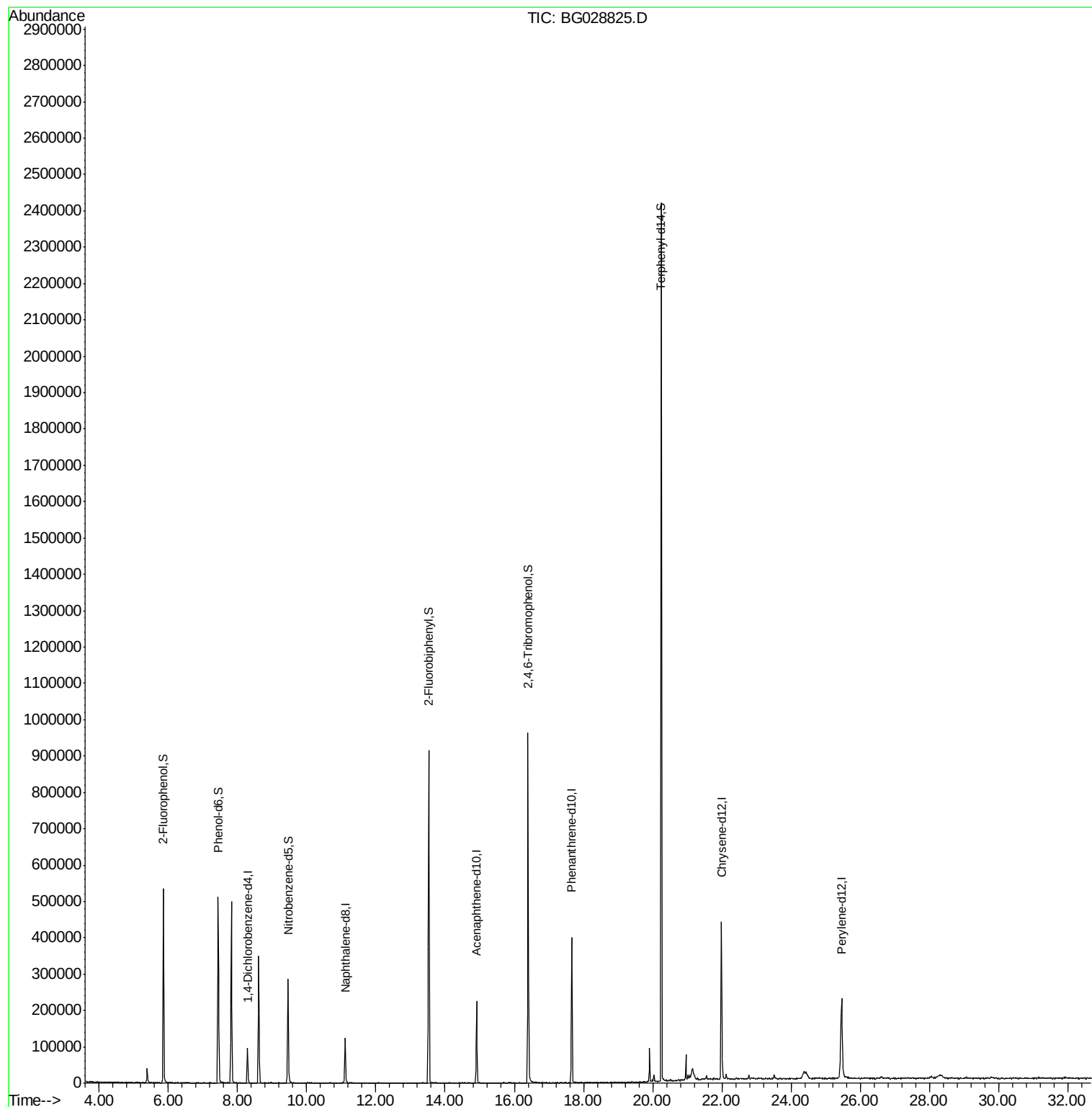
Target Compounds Qvalue

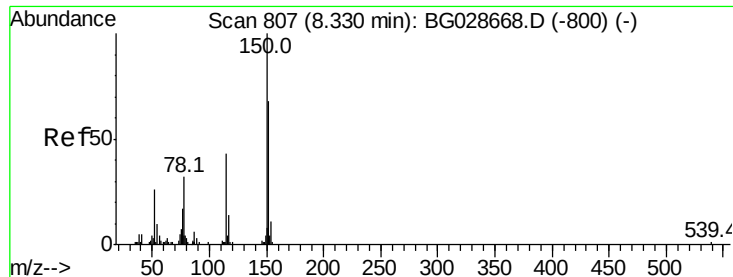
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG028825.D

Acq: 20 Sep 2017 10:40

Instrument :

BNA_G

ClientSampleId :

PB102386TB

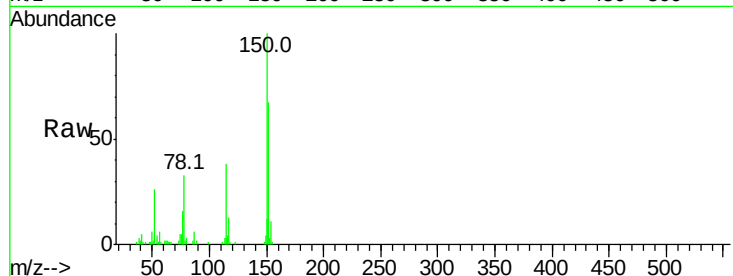
Tot Ion:152 Resp: 27397

Ion Ratio Lower Upper

152 100

150 149.2 114.0 171.0

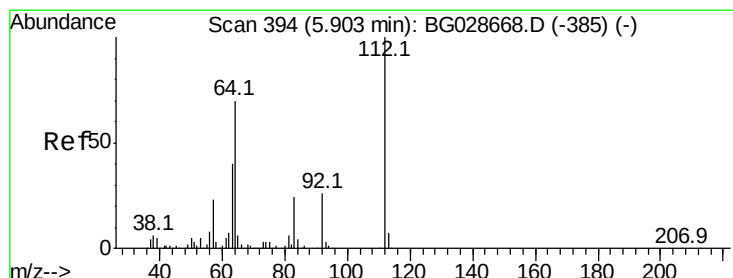
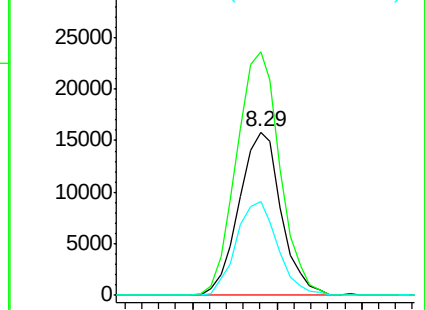
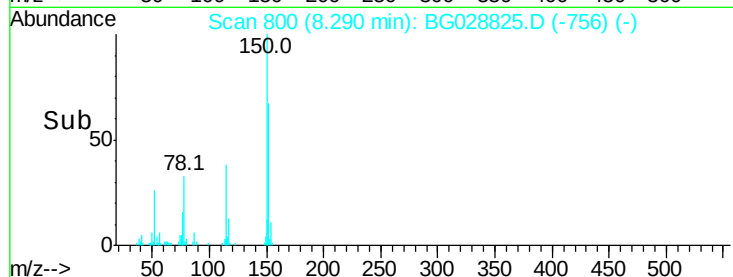
115 57.2 48.1 72.1



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: 134.932 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028825.D

Acq: 20 Sep 2017 10:40

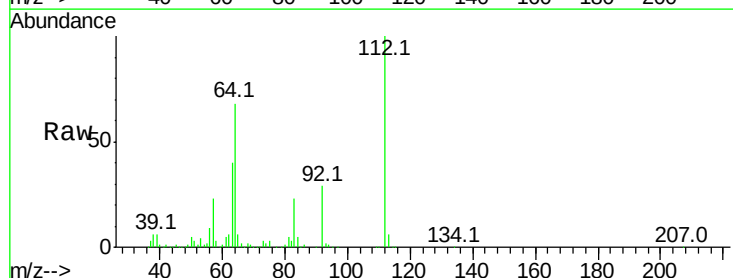
Tgt Ion:112 Resp: 224037

Ion Ratio Lower Upper

112 100

64 68.0 61.8 92.6

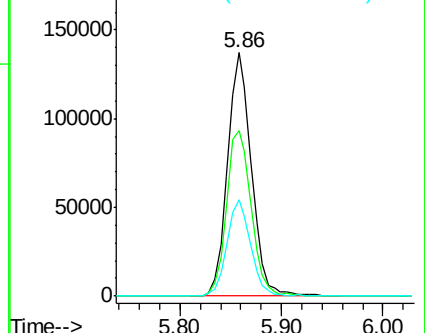
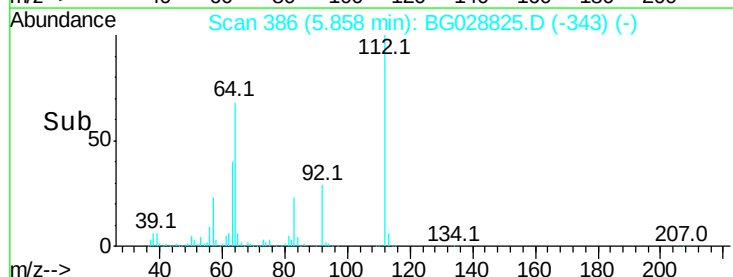
63 39.6 37.2 55.8

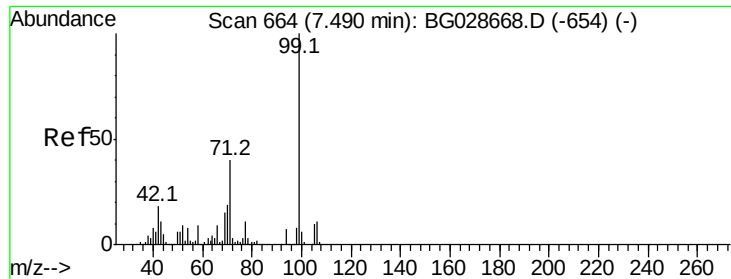


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.107 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028825.D

Acq: 20 Sep 2017 10:40

Instrument :

BNA_G

ClientSampleId :

PB102386TB

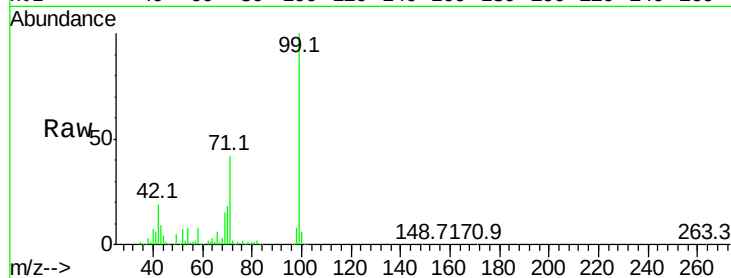
Tot Ion: 99 Resp: 302755

Ion Ratio Lower Upper

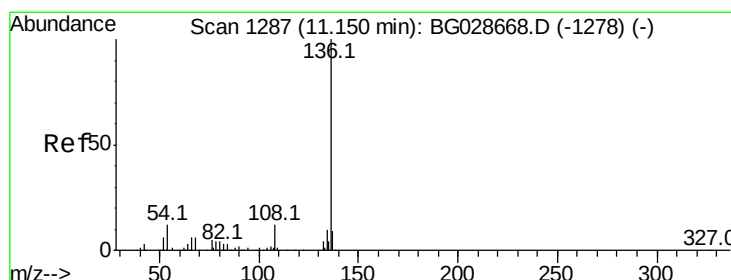
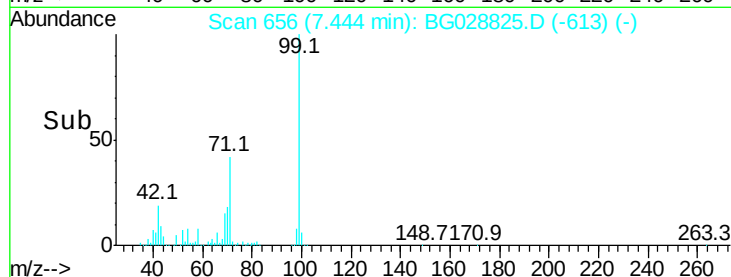
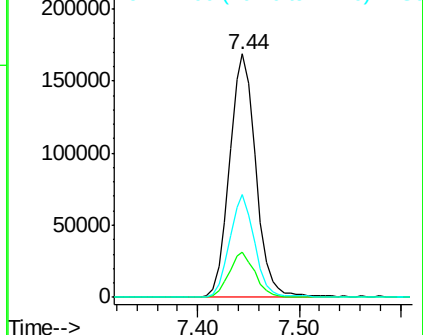
99 100

42 18.8 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: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028825.D

Acq: 20 Sep 2017 10:40

Tgt Ion: 136 Resp: 108912

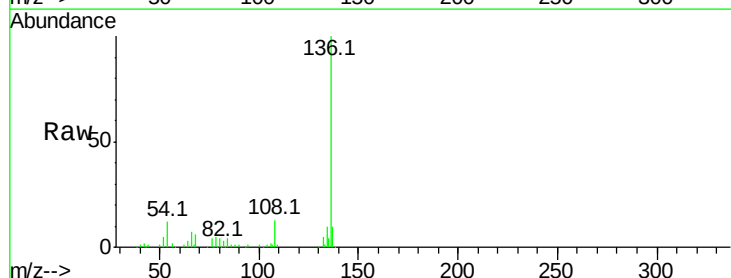
Ion Ratio Lower Upper

136 100

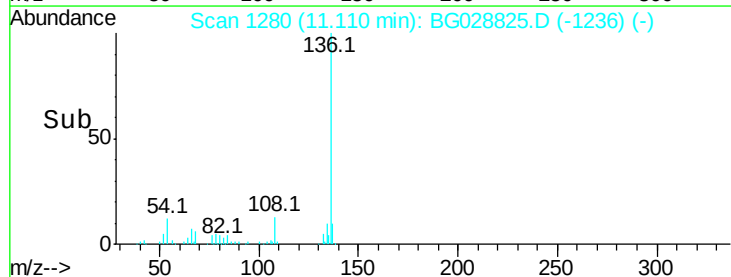
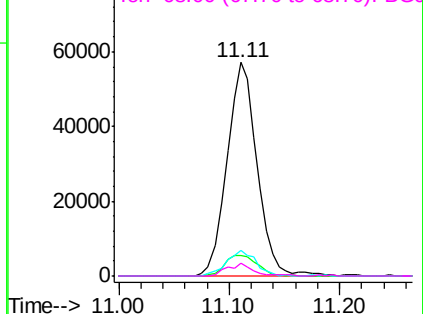
137 9.8 8.9 13.3

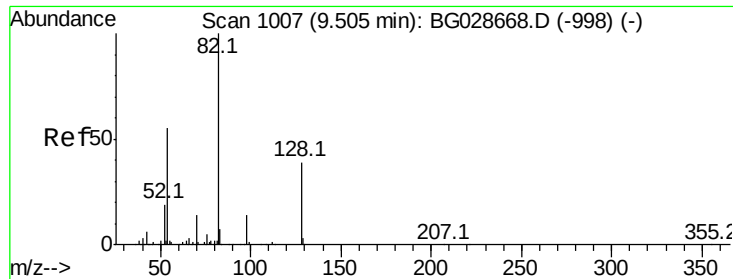
54 12.3 9.3 13.9

68 5.9 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

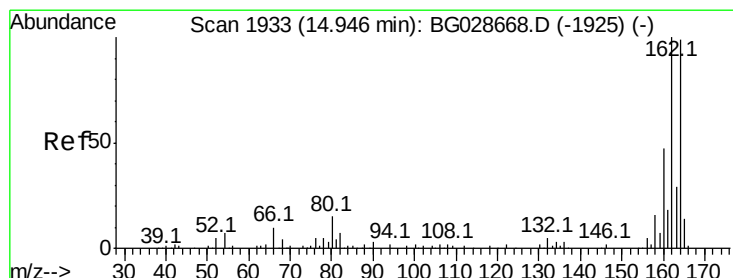
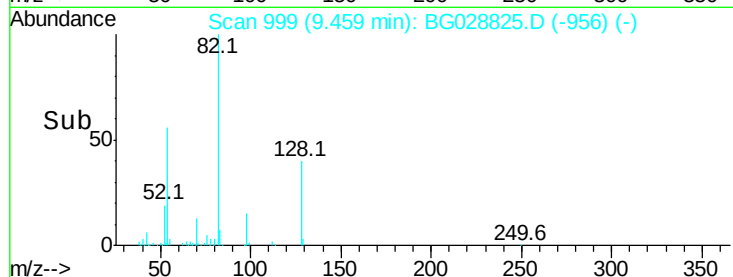
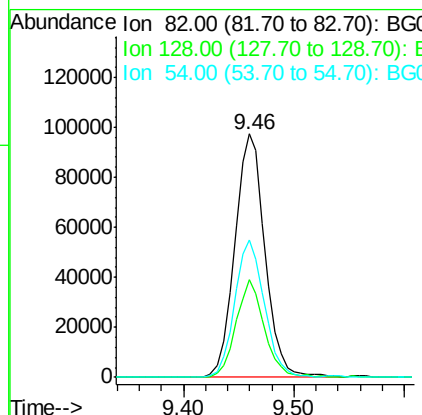
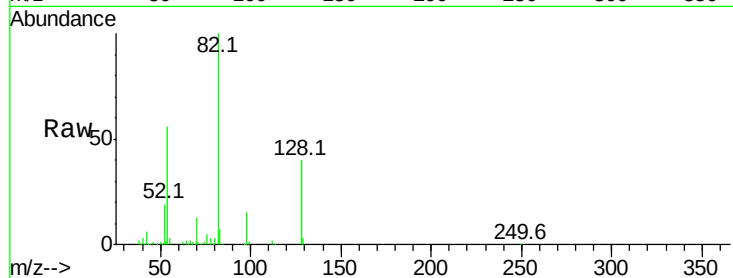




#23
 Nitrobenzene-d5
 Concen: 81.867 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.05 min
 Lab File: BG028825.D
 Acq: 20 Sep 2017 10:40

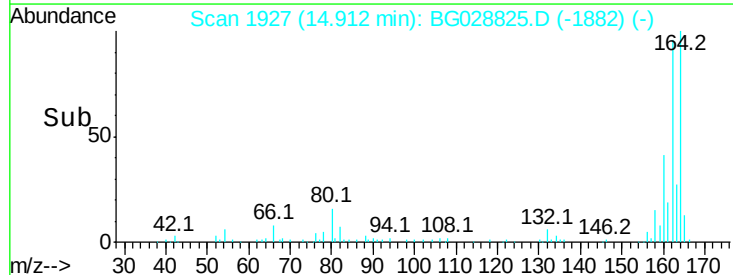
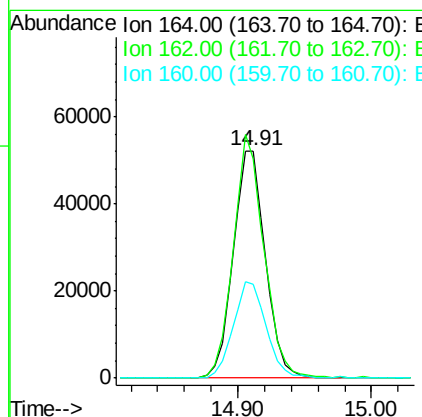
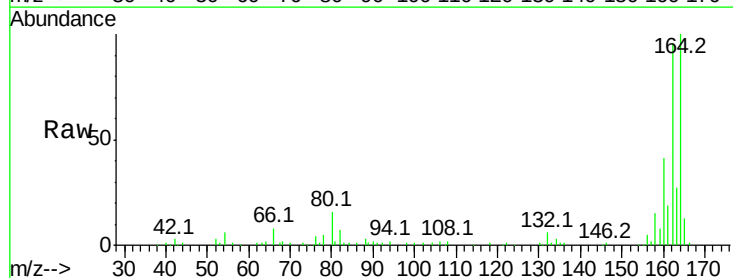
Instrument :
 BNA_G
 ClientSampleId :
 PB102386TB

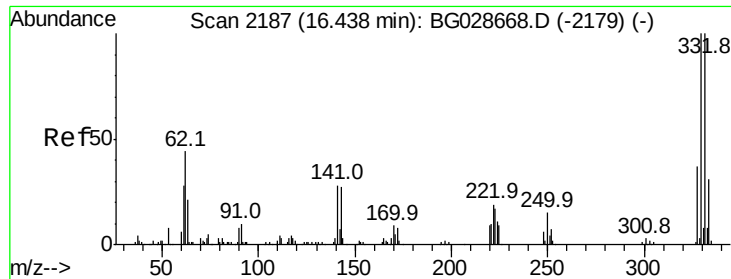
Tot Ion	82	Resp	186387
Ion	Ratio	Lower	Upper
82	100		
128	40.0	26.4	39.6
54	56.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.91 min Scan# 1927
 Delta R.T. -0.03 min
 Lab File: BG028825.D
 Acq: 20 Sep 2017 10:40

Tgt Ion	164	Resp	87425
Ion	Ratio	Lower	Upper
164	100		
162	96.2	85.1	127.7
160	41.3	34.7	52.1

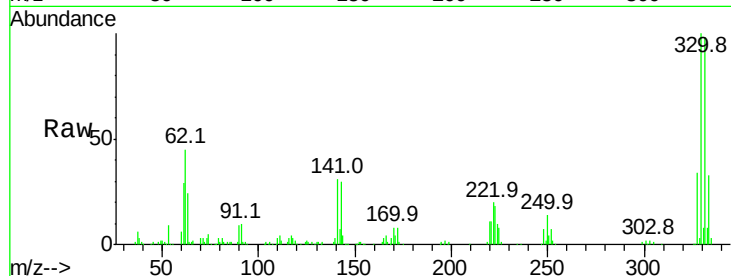




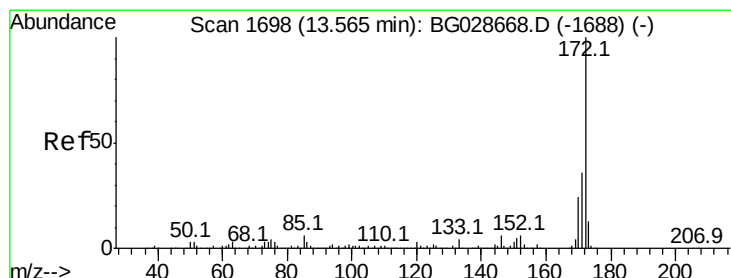
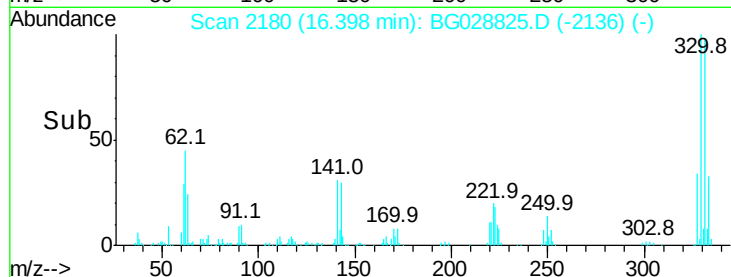
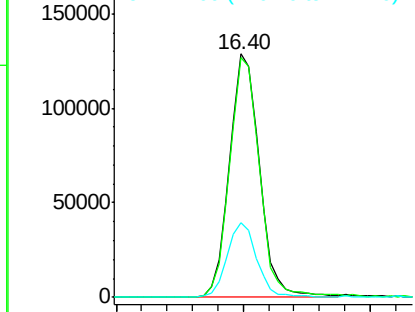
#41
 2,4,6-Tribromophenol
 Concen: 145.879 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028825.D
 Acq: 20 Sep 2017 10:40

Instrument :
 BNA_G
 ClientSampleId :
 PB102386TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.3	115.9
141	30.3	32.1	48.1#

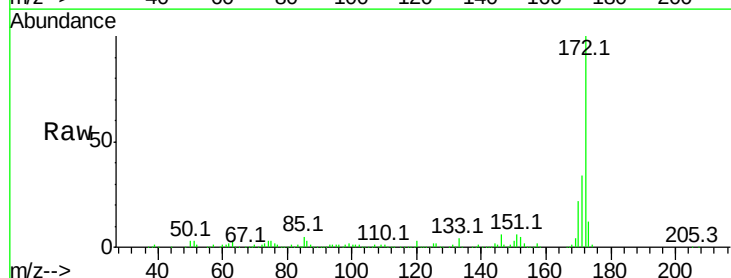


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

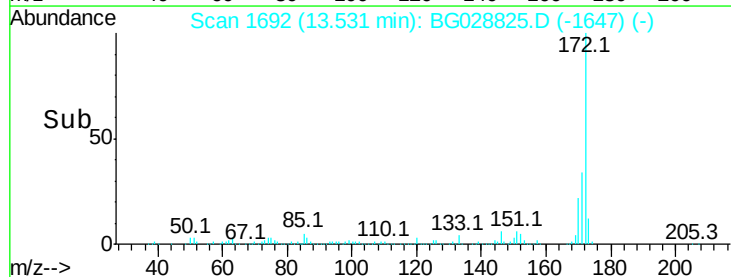
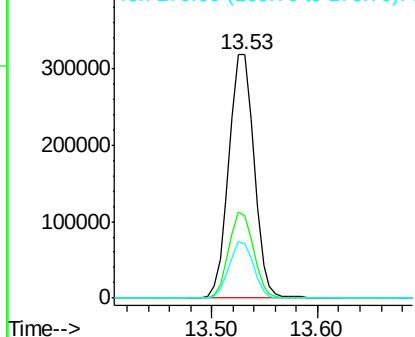


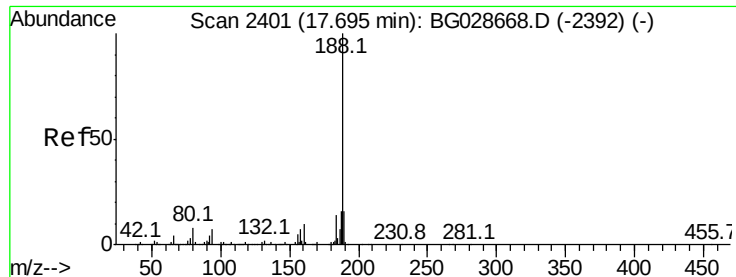
#44
 2-Fluorobiphenyl
 Concen: 80.312 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.03 min
 Lab File: BG028825.D
 Acq: 20 Sep 2017 10:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	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

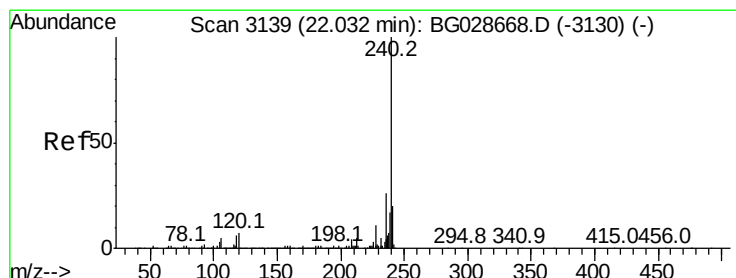
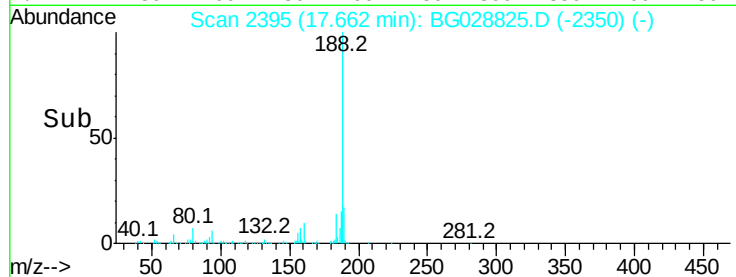
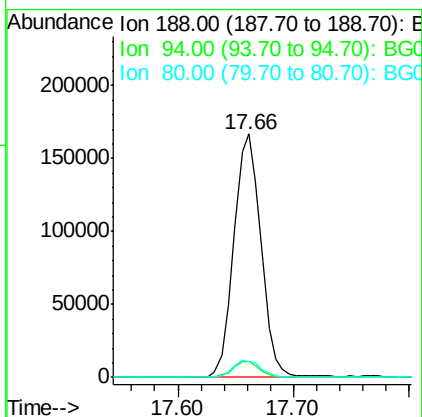
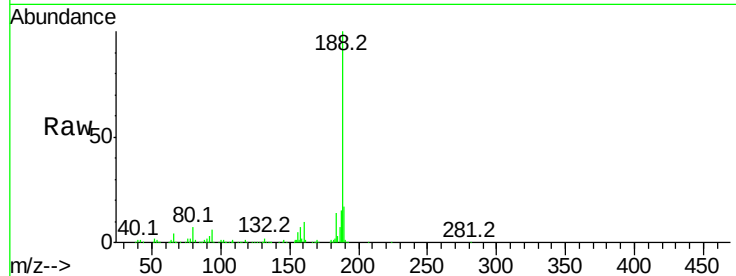




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.03 min
Lab File: BG028825.D
Acq: 20 Sep 2017 10:40

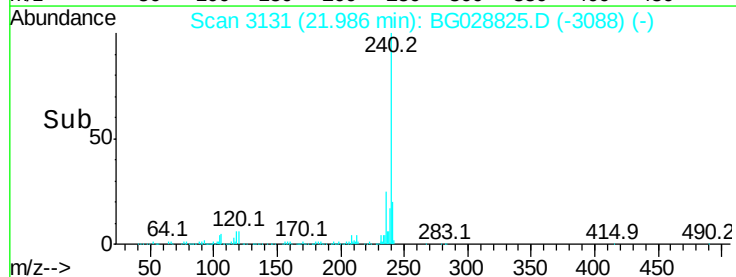
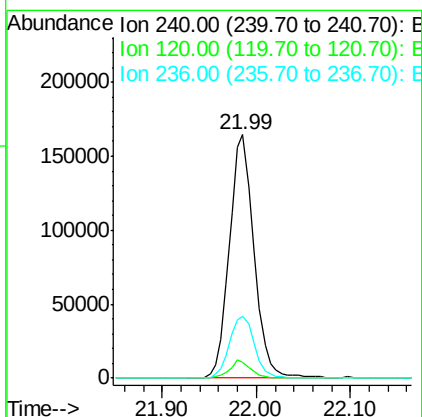
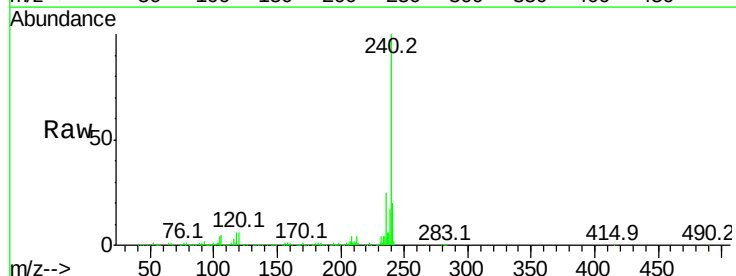
Instrument :
BNA_G
ClientSampleId :
PB102386TB

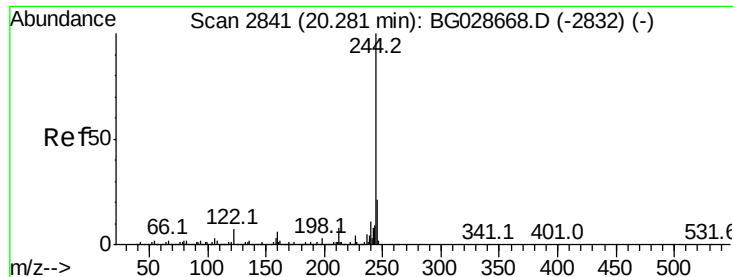
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.8	8.8
80	6.6	7.5	11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.99 min Scan# 3131
Delta R.T. -0.05 min
Lab File: BG028825.D
Acq: 20 Sep 2017 10:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.7	8.5
236	25.2	22.2	33.4





#78

Terphenyl-d14

Concen: 83.048 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG028825.D

Acq: 20 Sep 2017 10:40

Instrument :

BNA_G

ClientSampleId :

PB102386TB

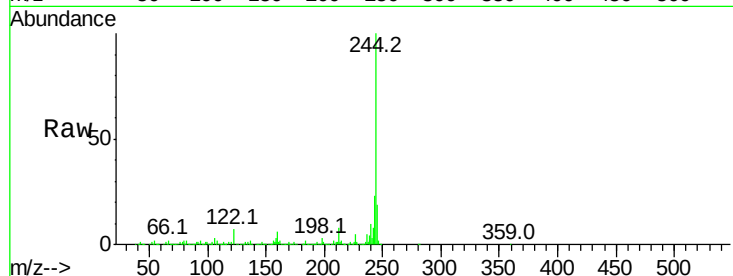
Tot Ion:244 Resp: 1168702

Ion Ratio Lower Upper

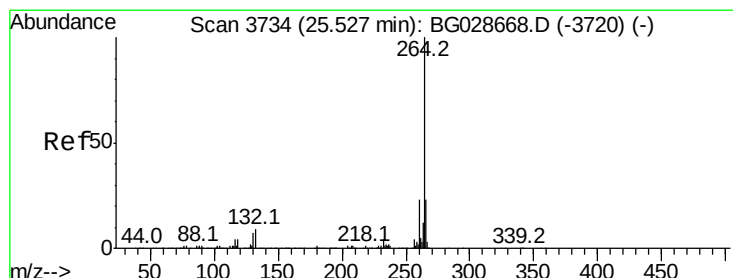
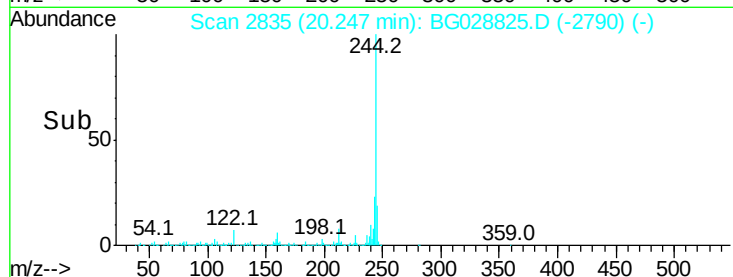
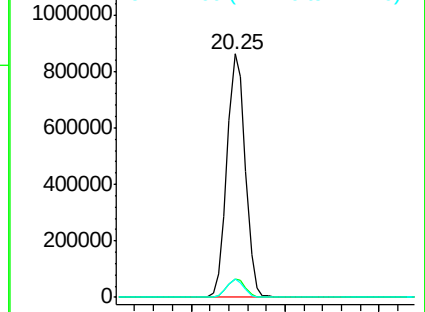
244 100

212 7.8 10.0 15.0#

122 7.4 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: BG028825.D

Acq: 20 Sep 2017 10:40

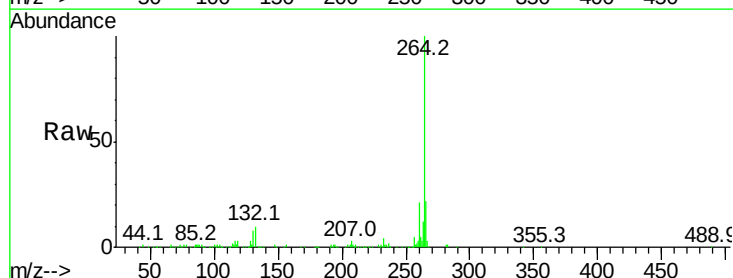
Tgt Ion:264 Resp: 305369

Ion Ratio Lower Upper

264 100

260 21.4 21.8 32.8#

265 21.5 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

