

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028712.D
 Acq On : 14 Sep 2017 1:26
 Operator : SJ/JU
 Sample : PB102294TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102294TB

Quant Time: Sep 14 09:01:10 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	8.33	152	21526	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	92710	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	73974	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	238785	20.00	ng	0.00
75) Chrysene-d12	22.02	240	274716	20.00	ng	0.00
86) Perylene-d12	25.52	264	282828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	208919	160.14	ng	0.00
7) Phenol-d6	7.49	99	277513	141.29	ng	0.00
23) Nitrobenzene-d5	9.50	82	173199	89.37	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	204760	167.36	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	482289	86.94	ng	0.00
78) Terphenyl-d14	20.28	244	1119507	86.91	ng	0.00

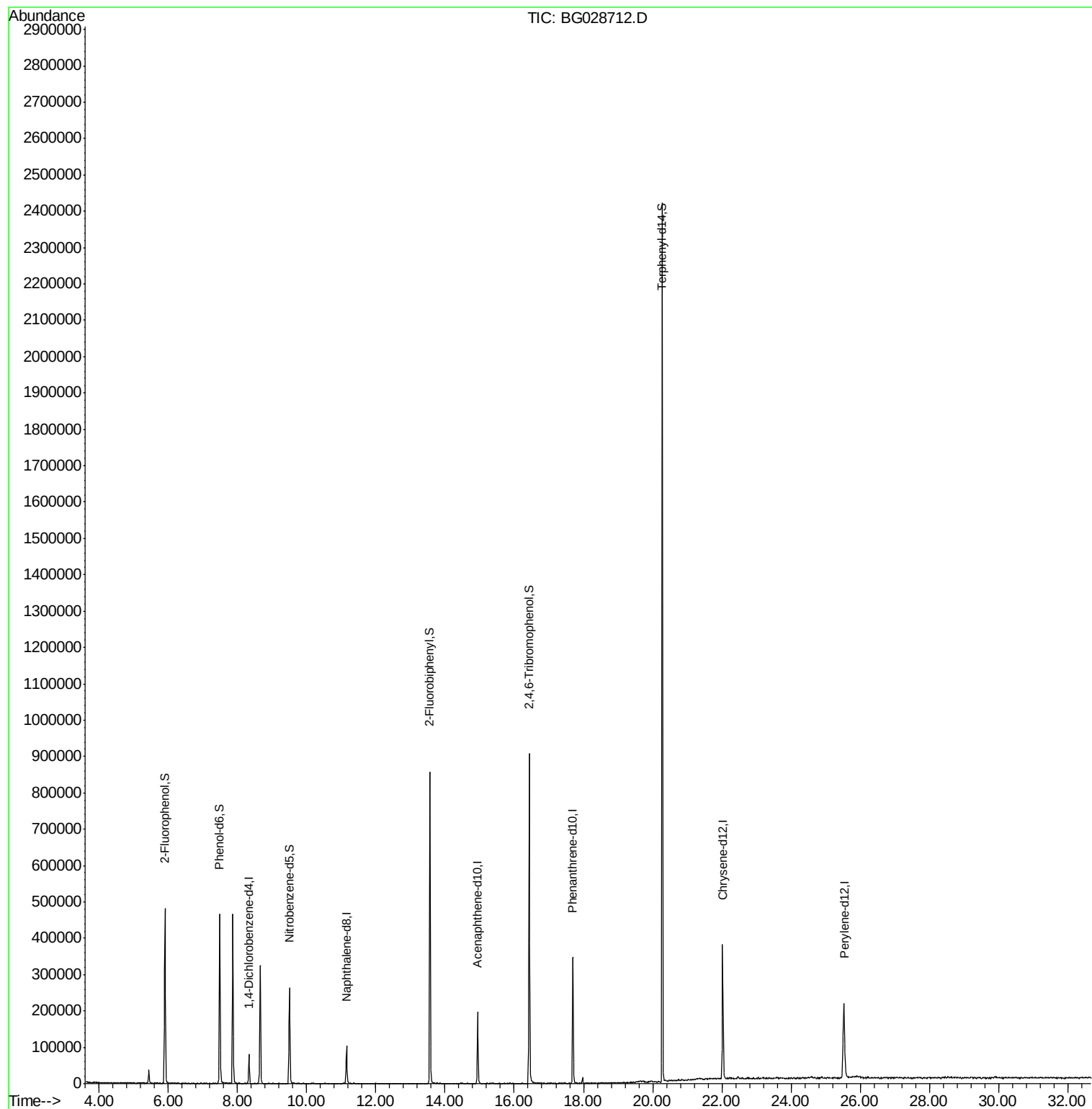
Target Compounds Qvalue

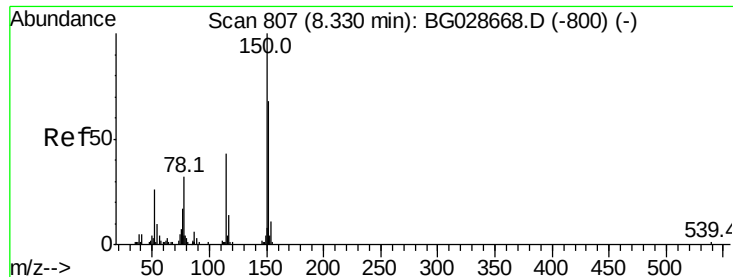
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 807

Delta R.T. 0.00 min

Lab File: BG028712.D

Acq: 14 Sep 2017 1:26

Instrument :

BNA_G

ClientSampleId :

PB102294TB

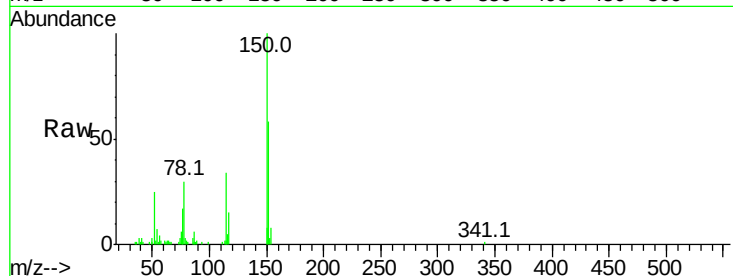
Tot Ion:152 Resp: 21526

Ion Ratio Lower Upper

152 100

150 171.0 114.0 171.0#

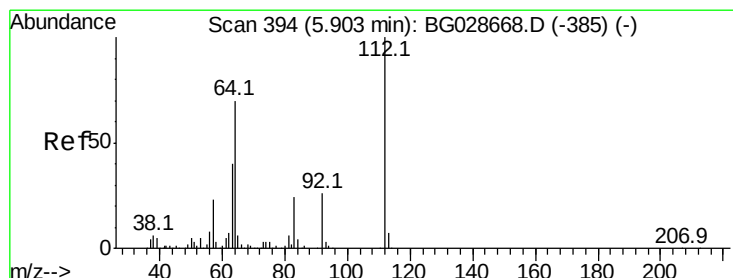
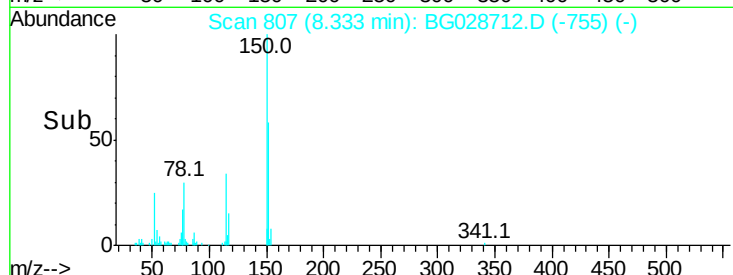
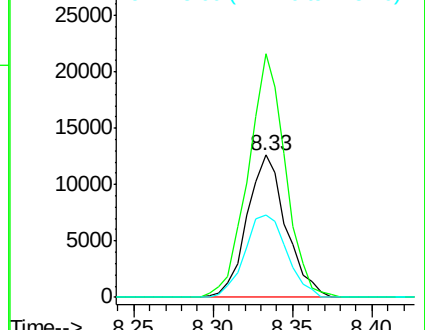
115 58.0 48.1 72.1



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: 160.144 ng

RT: 5.91 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG028712.D

Acq: 14 Sep 2017 1:26

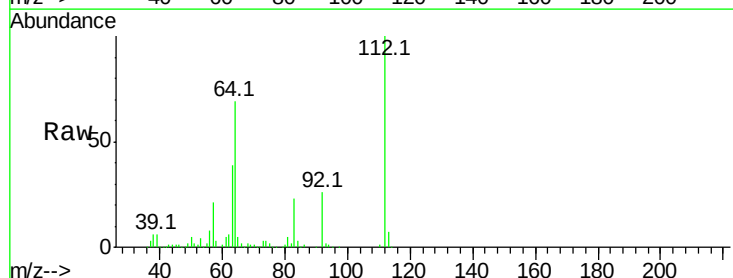
Tgt Ion:112 Resp: 208919

Ion Ratio Lower Upper

112 100

64 69.2 61.8 92.6

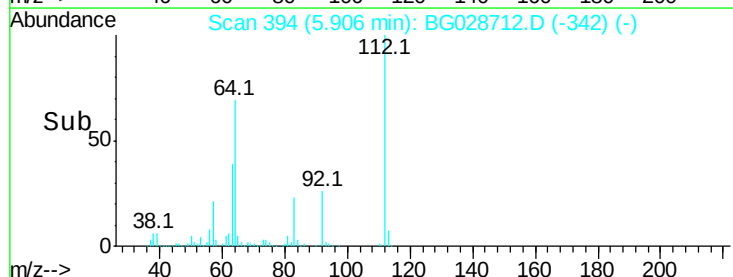
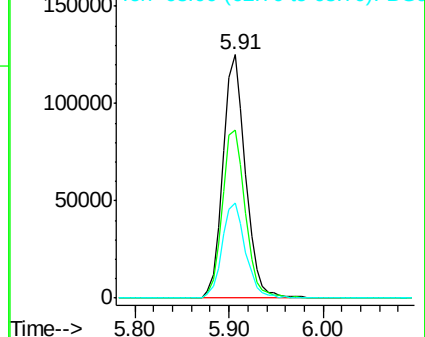
63 38.9 37.2 55.8

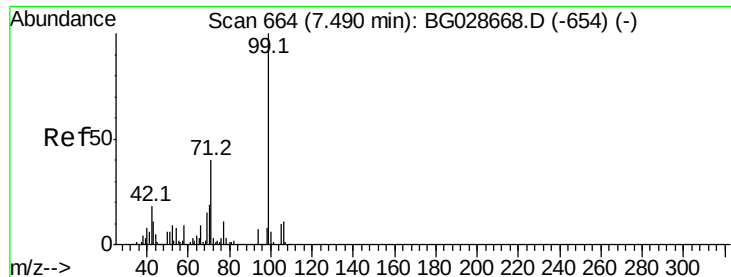


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 141.287 ng

RT: 7.49 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG028712.D

Acq: 14 Sep 2017 1:26

Instrument :

BNA_G

ClientSampleId :

PB102294TB

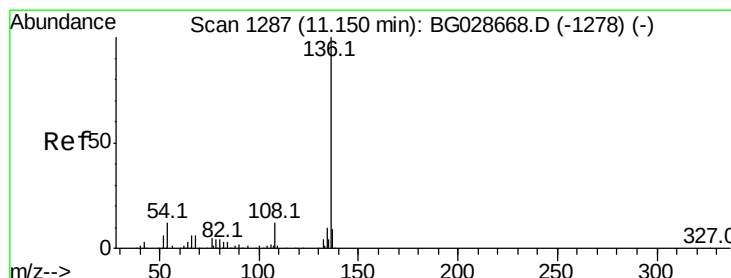
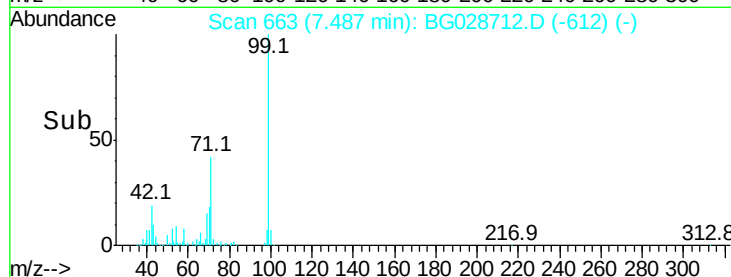
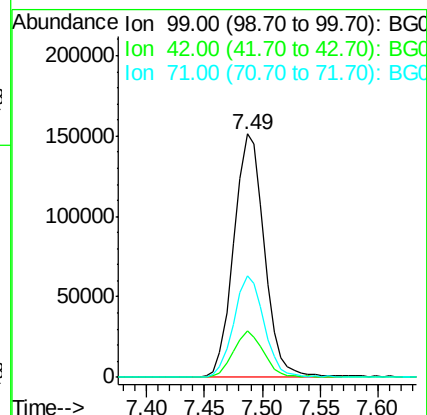
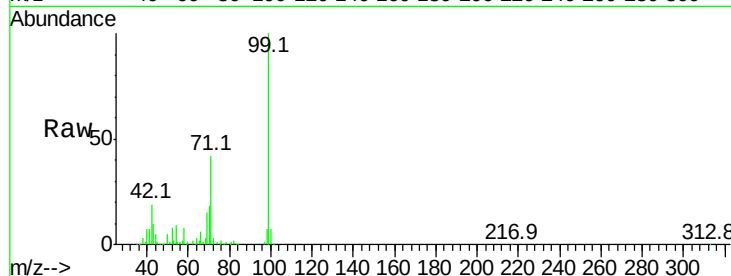
Tot Ion: 99 Resp: 277513

Ion Ratio Lower Upper

99 100

42 19.3 20.5 30.7#

71 41.6 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BG028712.D

Acq: 14 Sep 2017 1:26

Tgt Ion: 136 Resp: 92710

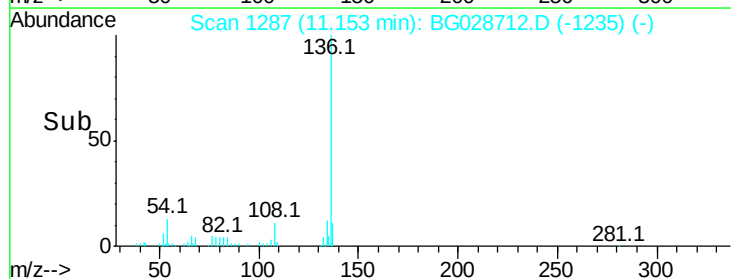
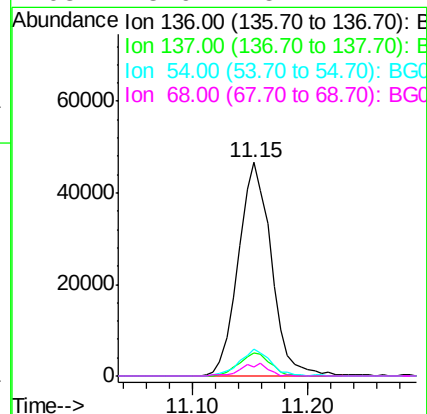
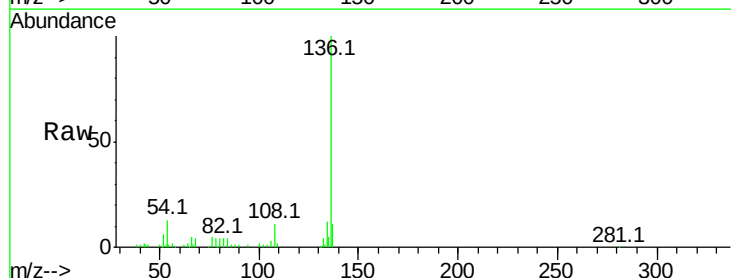
Ion Ratio Lower Upper

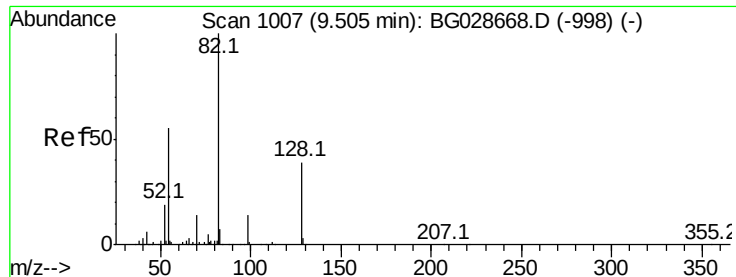
136 100

137 11.1 8.9 13.3

54 13.8 9.3 13.9

68 3.9 5.1 7.7#

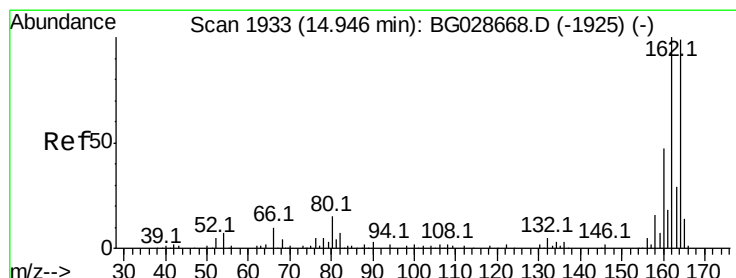
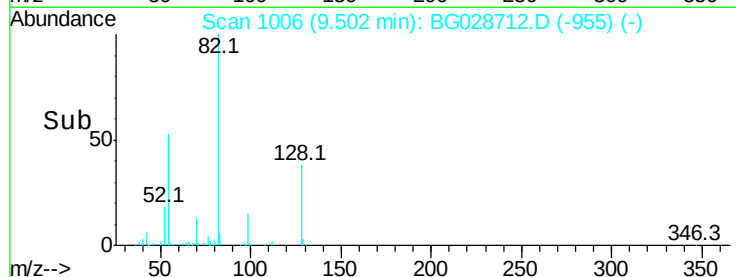
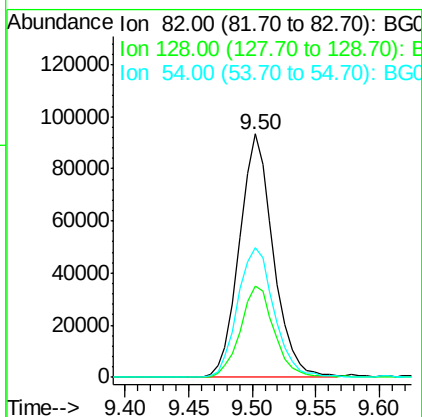
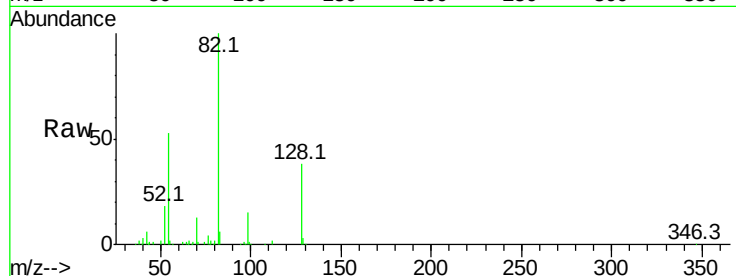




#23
Nitrobenzene-d5
Concen: 89.369 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG028712.D
Acq: 14 Sep 2017 1:26

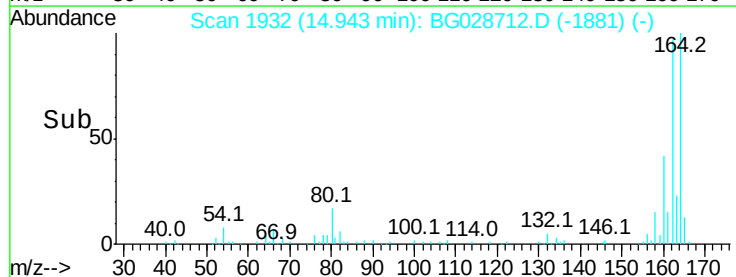
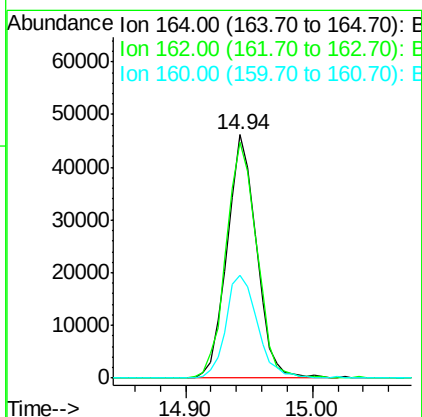
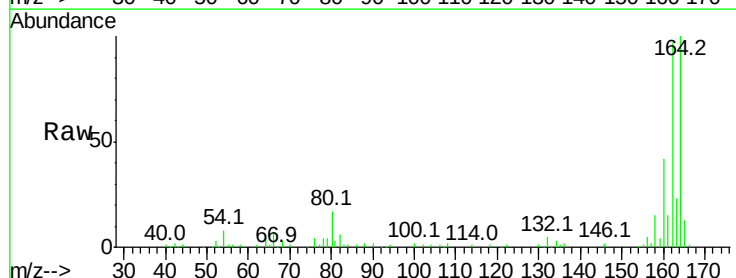
Instrument :
BNA_G
ClientSampleId :
PB102294TB

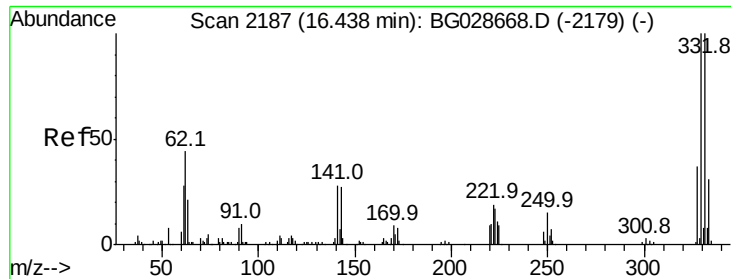
Tot Ion	82	Resp	173199
Ion	Ratio	Lower	Upper
82	100		
128	37.6	26.4	39.6
54	53.3	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG028712.D
Acq: 14 Sep 2017 1:26

Tgt Ion	164	Resp	73974
Ion	Ratio	Lower	Upper
164	100		
162	96.7	85.1	127.7
160	42.0	34.7	52.1

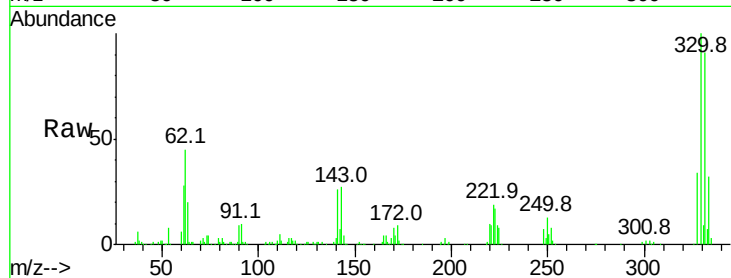




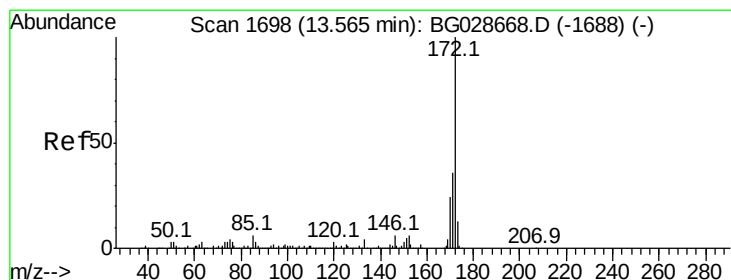
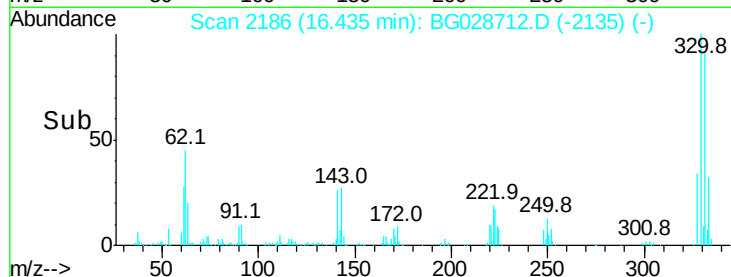
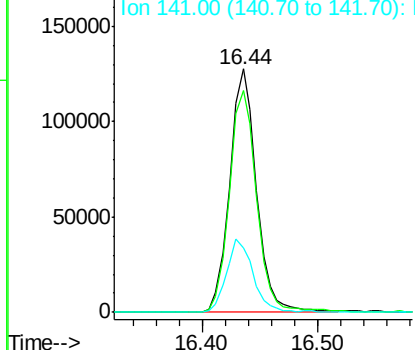
#41
 2,4,6-Tribromophenol
 Concen: 167.358 ng
 RT: 16.44 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BG028712.D
 Acq: 14 Sep 2017 1:26

Instrument :
 BNA_G
 ClientSampleId :
 PB102294TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.3	115.9
141	29.5	32.1	48.1#

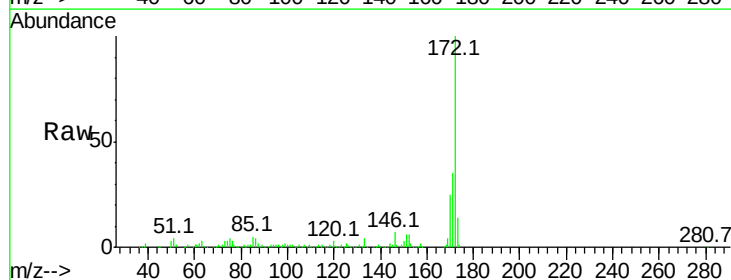


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

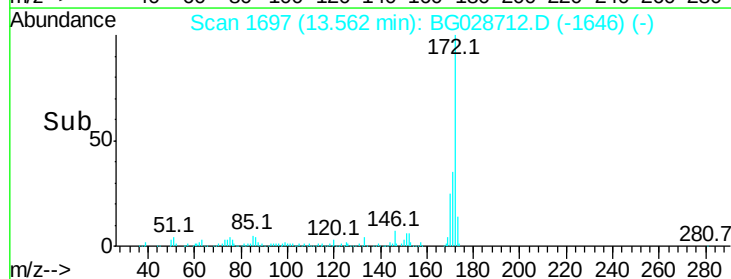
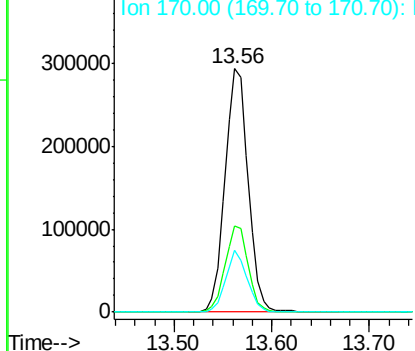


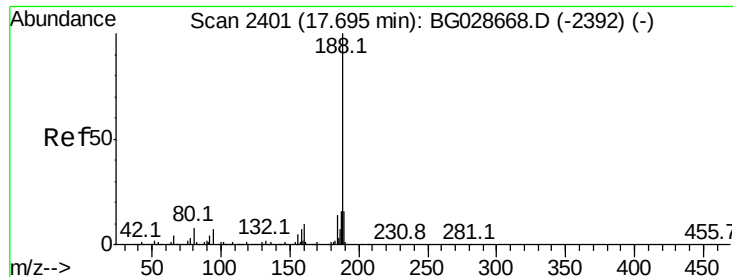
#44
 2-Fluorobiphenyl
 Concen: 86.935 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG028712.D
 Acq: 14 Sep 2017 1:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	32.2	48.2
170	25.2	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: 17.69 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG028712.D

Acq: 14 Sep 2017 1:26

Instrument :

BNA_G

ClientSampleId :

PB102294TB

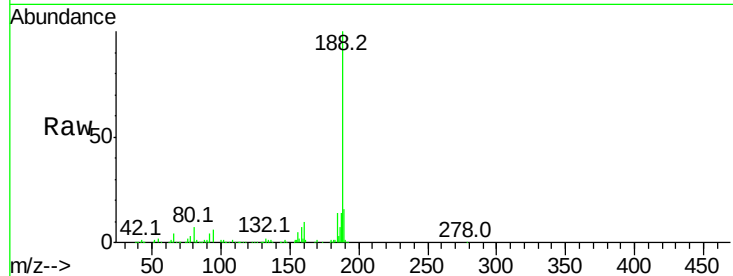
Tot Ion:188 Resp: 238785

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

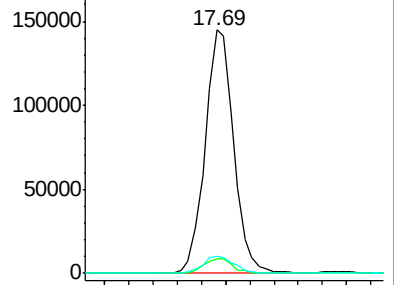
80 6.8 7.5 11.3#



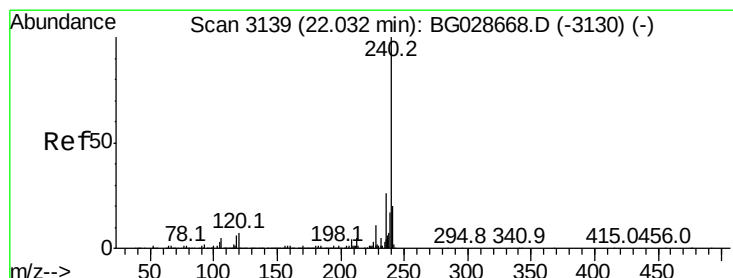
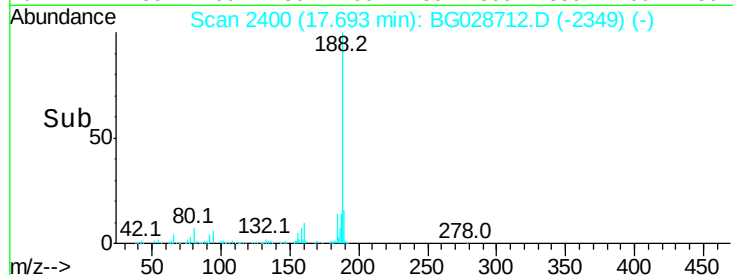
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028712.D

Acq: 14 Sep 2017 1:26

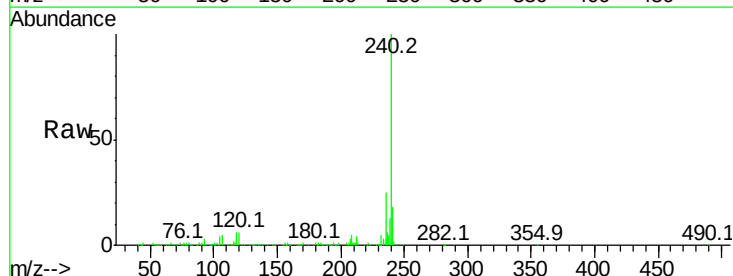
Tgt Ion:240 Resp: 274716

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

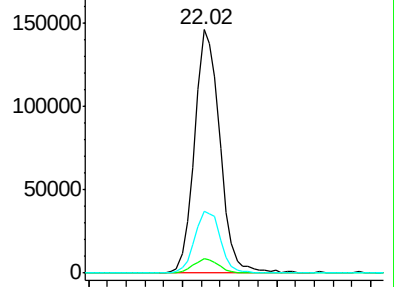
236 25.2 22.2 33.4



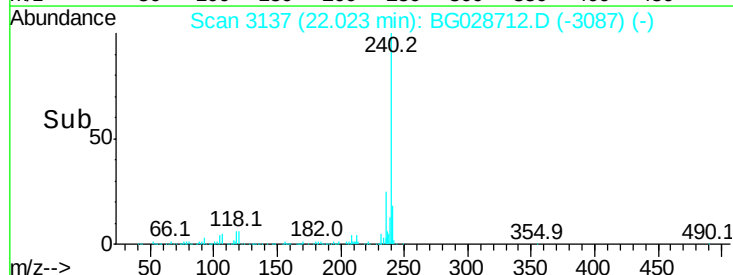
Abundance Ion 240.00 (239.70 to 240.70): E

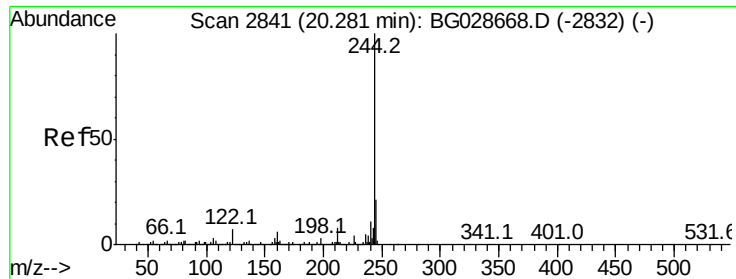
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 86.905 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028712.D

Acq: 14 Sep 2017 1:26

Instrument :

BNA_G

ClientSampleId :

PB102294TB

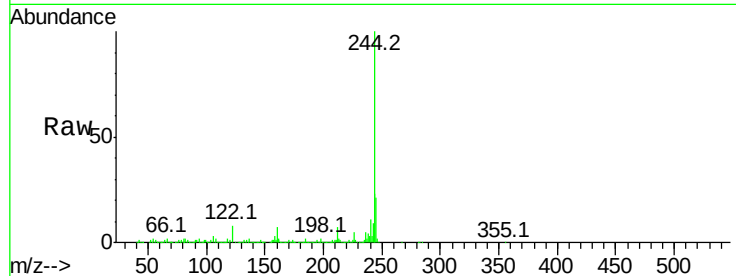
Tot Ion:244 Resp: 1119507

Ion Ratio Lower Upper

244 100

212 7.3 10.0 15.0#

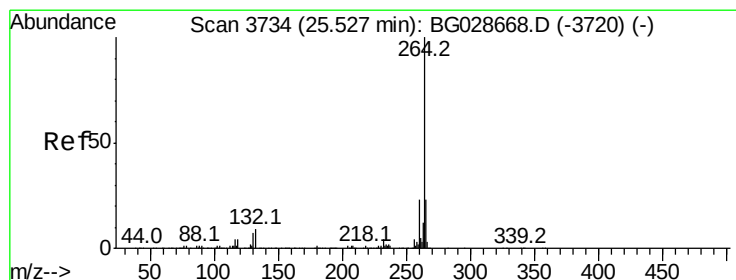
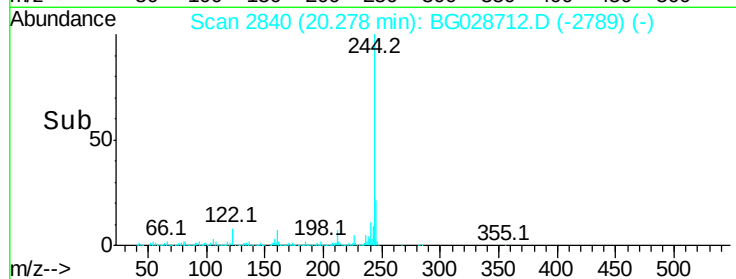
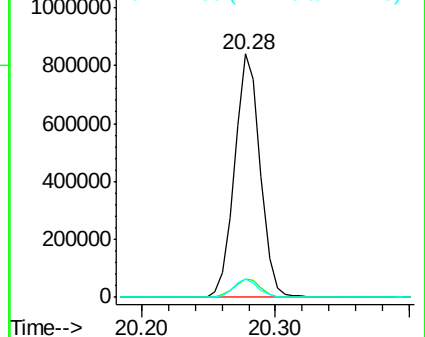
122 7.8 8.6 12.8#



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: 25.52 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG028712.D

Acq: 14 Sep 2017 1:26

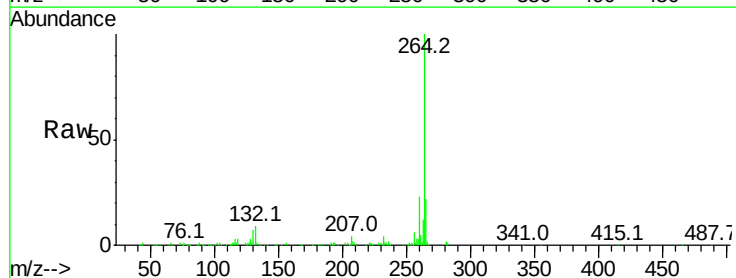
Tgt Ion:264 Resp: 282828

Ion Ratio Lower Upper

264 100

260 23.3 21.8 32.8

265 21.7 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

