

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028730.D
 Acq On : 14 Sep 2017 13:24
 Operator : SJ/JU
 Sample : PB102265BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 15 07:46:59 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	23695	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	90512	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	66924	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	210126	20.00	ng	0.00
75) Chrysene-d12	22.02	240	262500	20.00	ng	-0.01
86) Perylene-d12	25.52	264	262888	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	211870	147.54	ng	0.00
7) Phenol-d6	7.48	99	280509	129.74	ng	-0.01
23) Nitrobenzene-d5	9.49	82	171774	90.79	ng	-0.01
41) 2,4,6-Tribromophenol	16.43	330	185875	167.93	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	462687	92.19	ng	0.00
78) Terphenyl-d14	20.28	244	1098309	89.23	ng	0.00

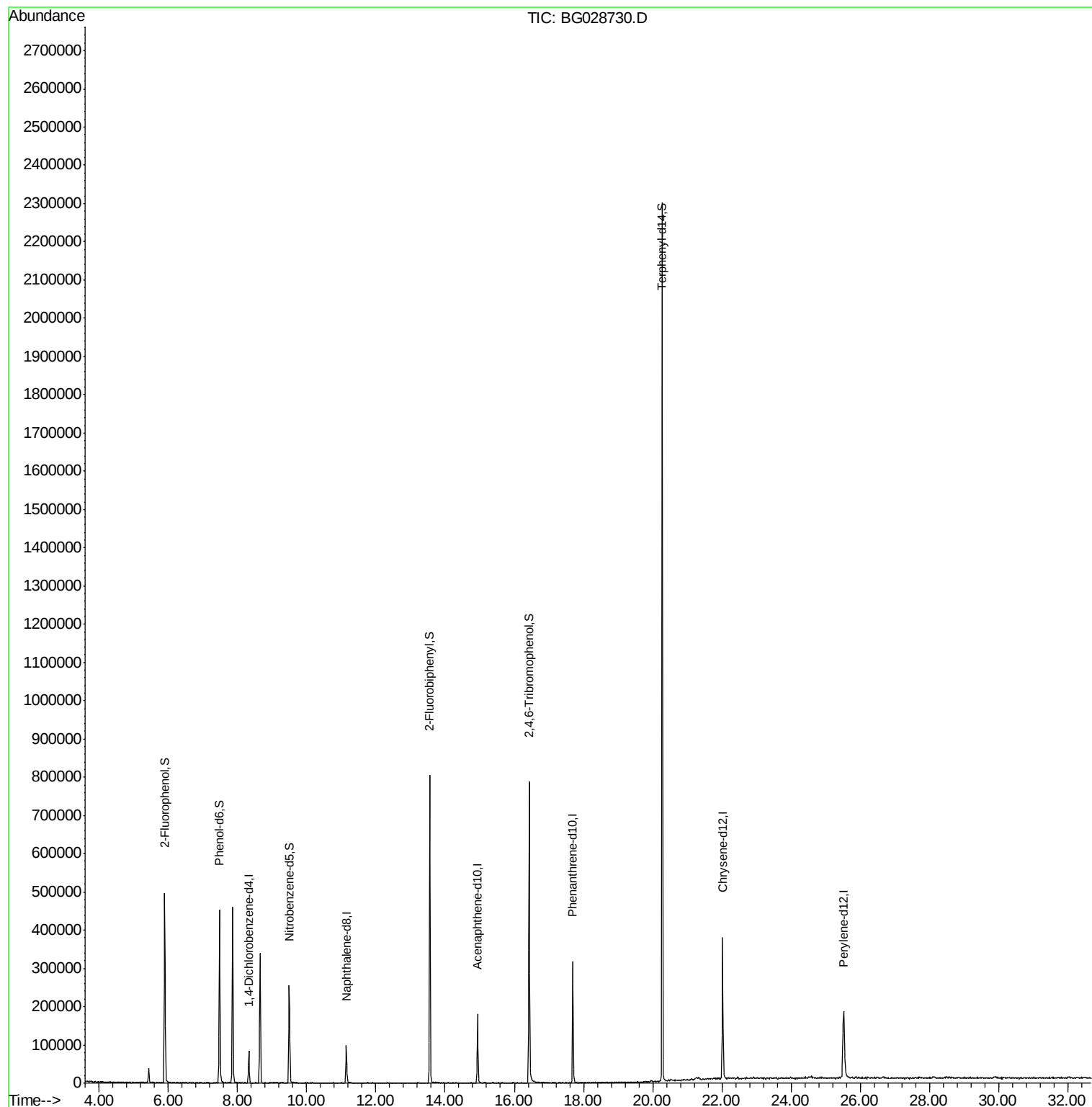
Target Compounds Qvalue

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

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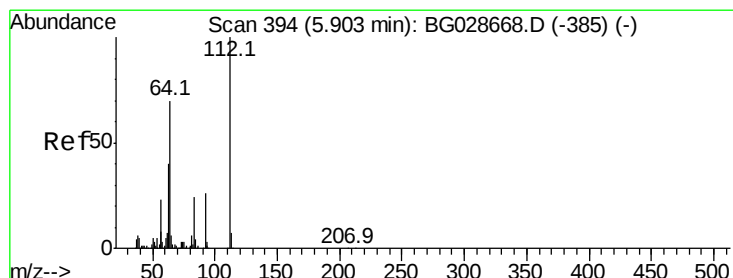
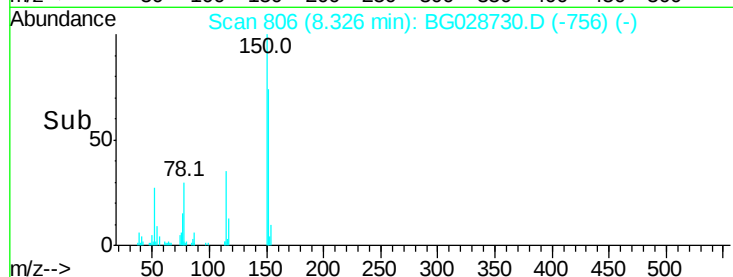
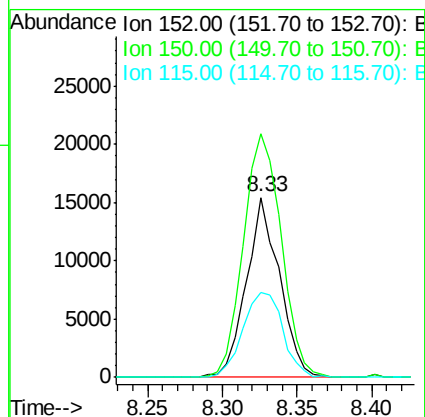
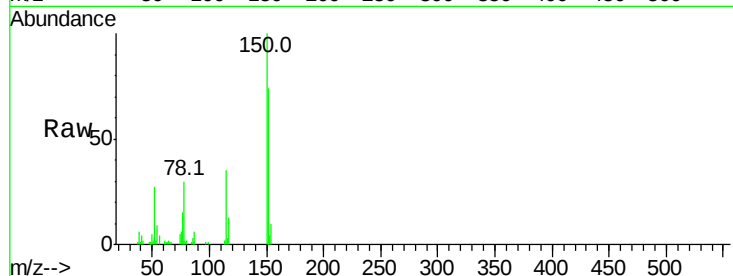


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG028730.D
Acq: 14 Sep 2017 13:24

Instrument :
BNA_G
ClientSampleId :

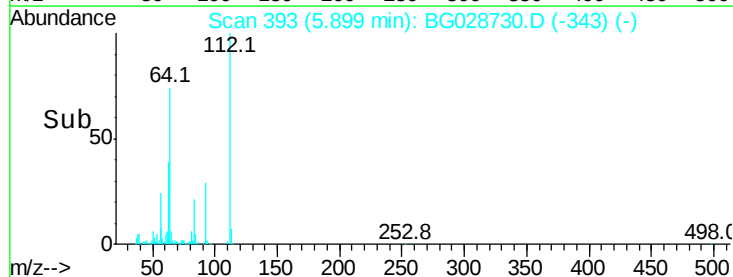
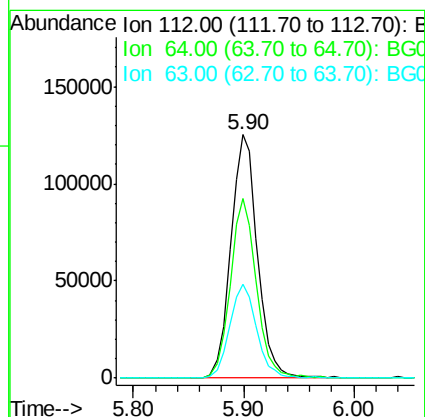
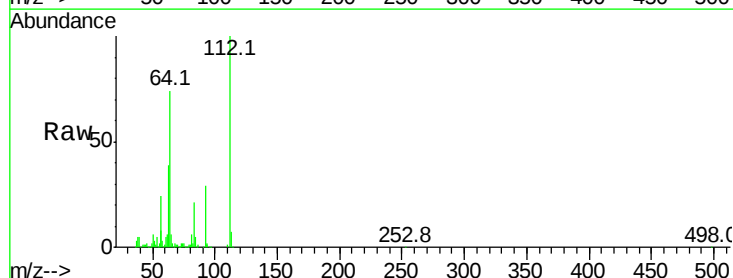
Tot Ion:152 Resp: 23695
Ion Ratio Lower Upper
152 100
150 135.4 114.0 171.0
115 47.2 48.1 72.1#

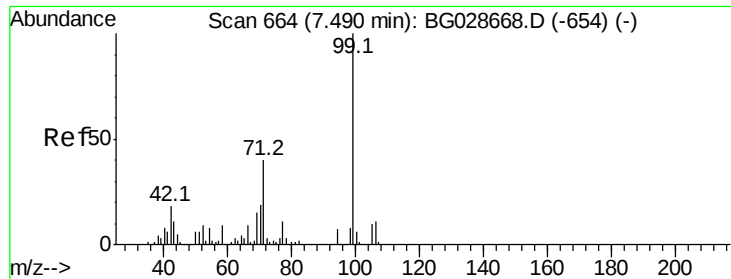


#5

2-Fluorophenol
Concen: 147.540 ng
RT: 5.90 min Scan# 393
Delta R.T. -0.00 min
Lab File: BG028730.D
Acq: 14 Sep 2017 13:24

Tgt Ion:112 Resp: 211870
Ion Ratio Lower Upper
112 100
64 73.6 61.8 92.6
63 38.6 37.2 55.8





#7

Phenol-d6

Concen: 129.739 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028730.D

Acq: 14 Sep 2017 13:24

Instrument :

BNA_G

ClientSampleId :

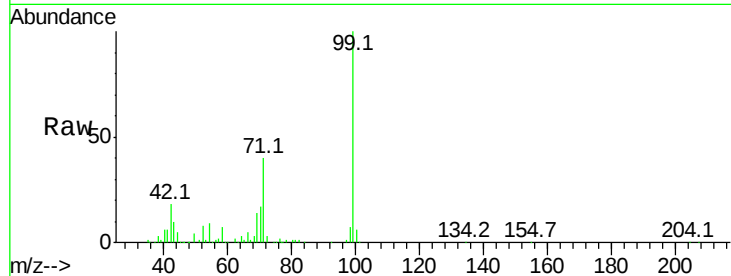
Tot Ion: 99 Resp: 280509

Ion Ratio Lower Upper

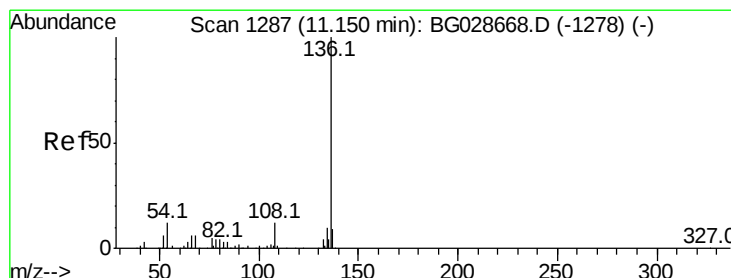
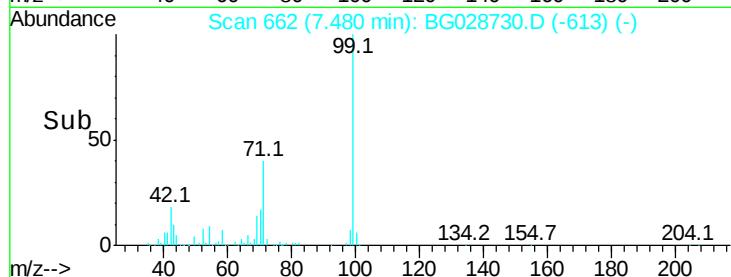
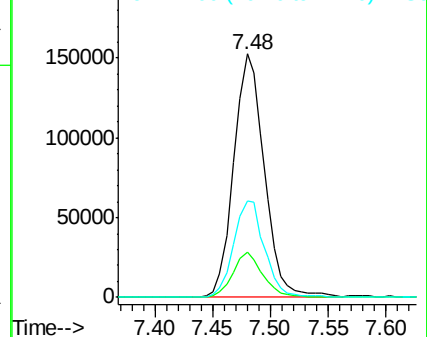
99 100

42 18.4 20.5 30.7#

71 39.6 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: 11.15 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BG028730.D

Acq: 14 Sep 2017 13:24

Tgt Ion: 136 Resp: 90512

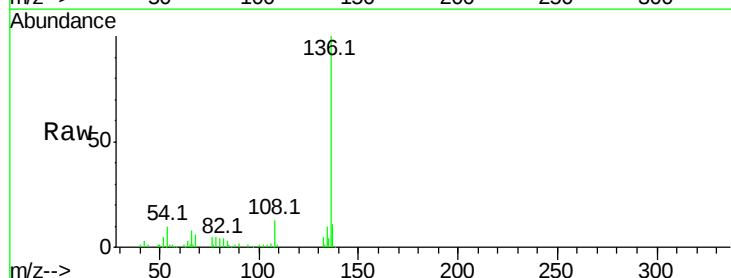
Ion Ratio Lower Upper

136 100

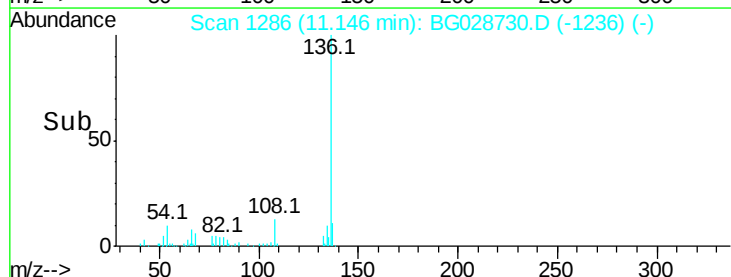
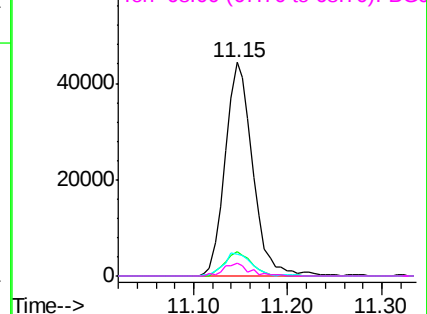
137 11.3 8.9 13.3

54 10.5 9.3 13.9

68 5.8 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: 90.786 ng

RT: 9.49 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BG028730.D

Acq: 14 Sep 2017 13:24

Instrument :

BNA_G

ClientSampled :

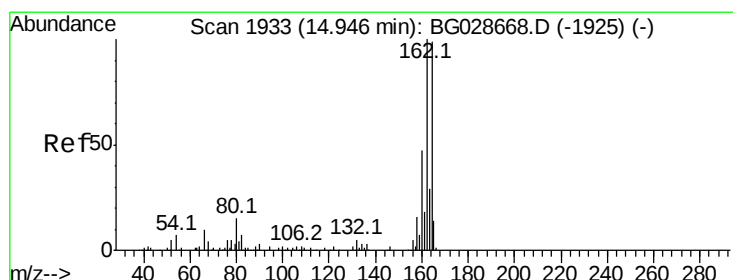
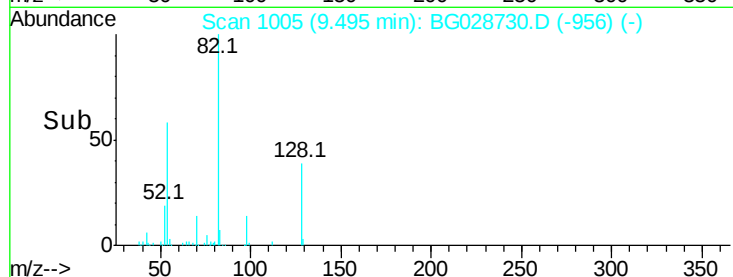
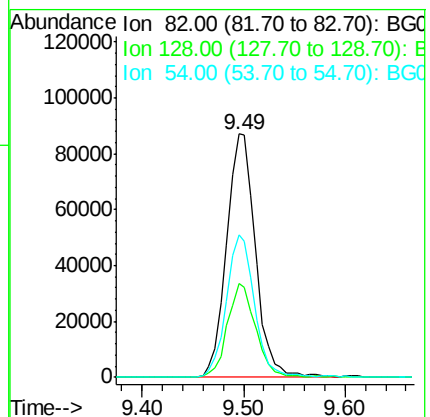
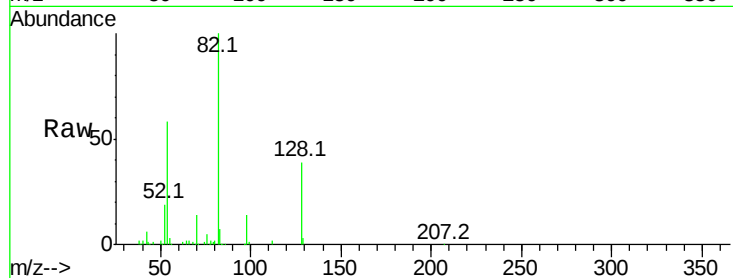
Tot Ion: 82 Resp: 171774

Ion Ratio Lower Upper

82 100

128 38.6 26.4 39.6

54 58.4 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: BG028730.D

Acq: 14 Sep 2017 13:24

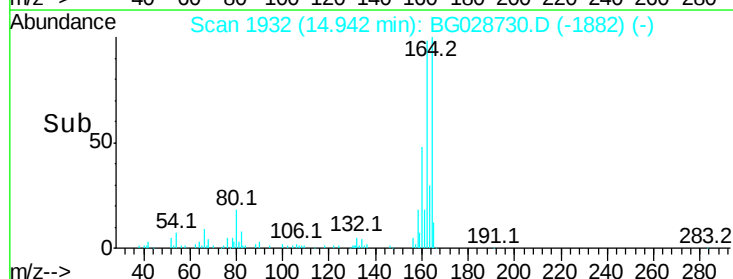
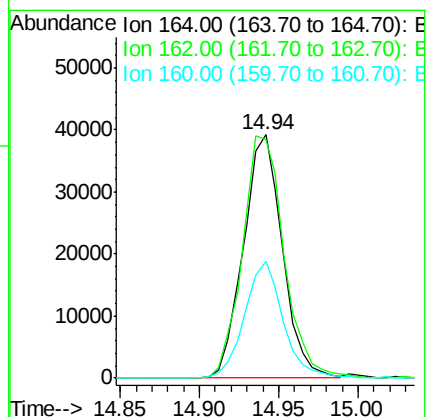
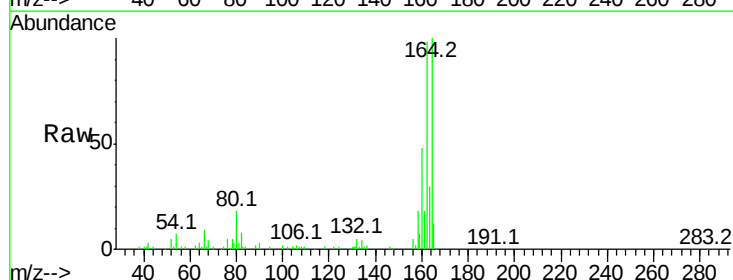
Tgt Ion: 164 Resp: 66924

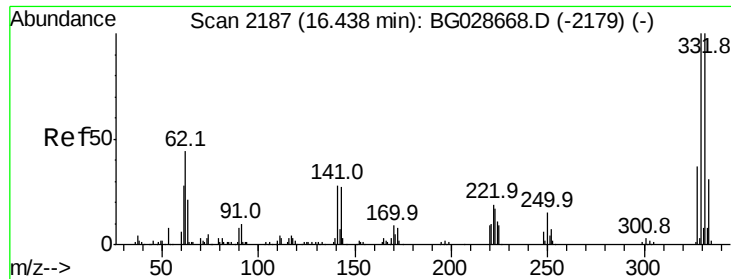
Ion Ratio Lower Upper

164 100

162 98.2 85.1 127.7

160 48.0 34.7 52.1

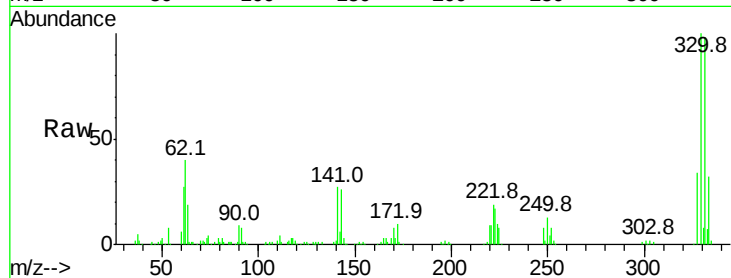




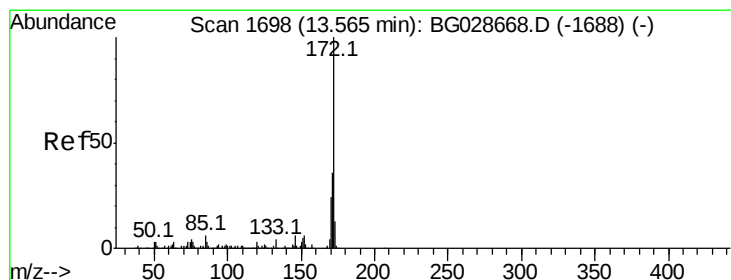
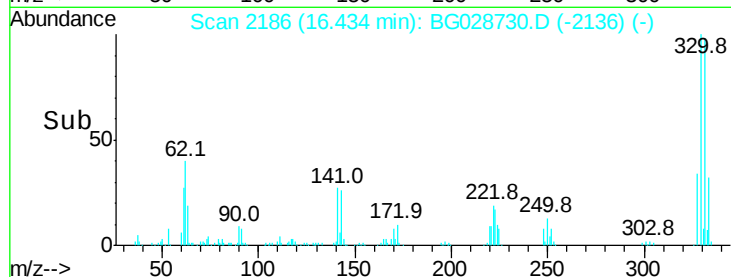
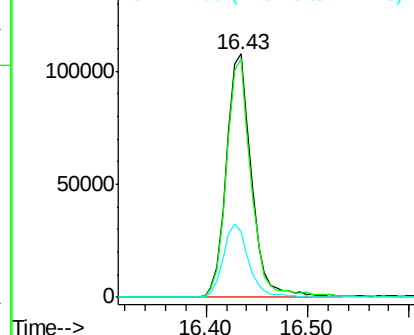
#41
 2,4,6-Tribromophenol
 Concen: 167.927 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BG028730.D
 Acq: 14 Sep 2017 13:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	30.7	32.1	48.1#

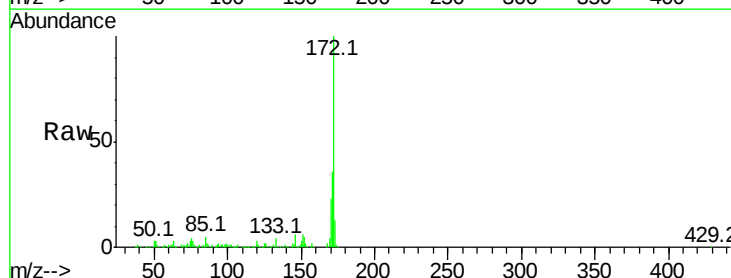


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

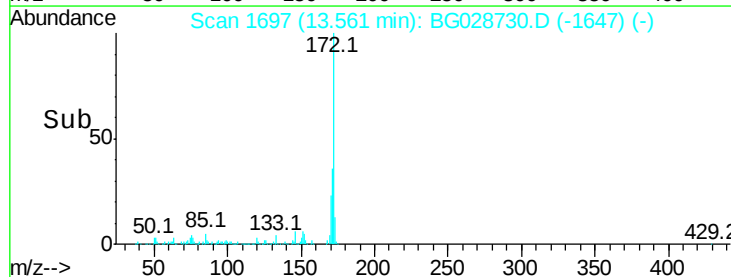
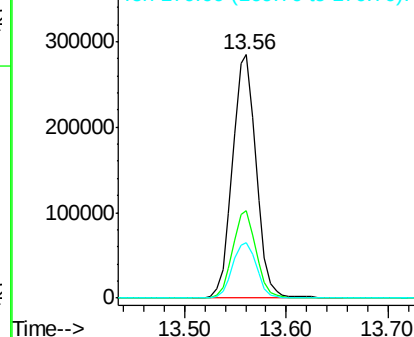


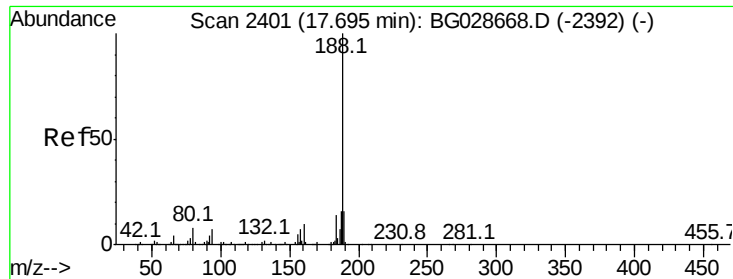
#44
 2-Fluorobiphenyl
 Concen: 92.188 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG028730.D
 Acq: 14 Sep 2017 13:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	32.2	48.2
170	22.8	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: BG028730.D

Acq: 14 Sep 2017 13:24

Instrument :

BNA_G

ClientSampleId :

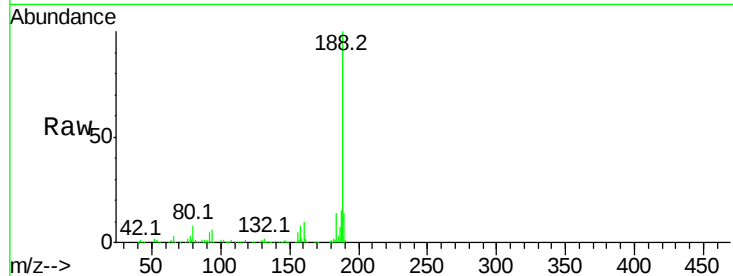
Tot Ion:188 Resp: 210126

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.8

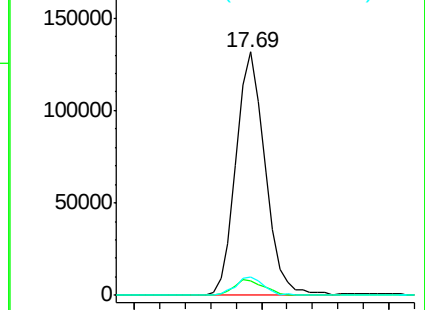
80 7.6 7.5 11.3



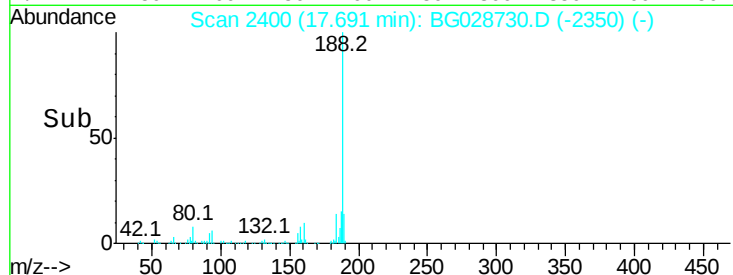
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.60 17.70 17.80



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028730.D

Acq: 14 Sep 2017 13:24

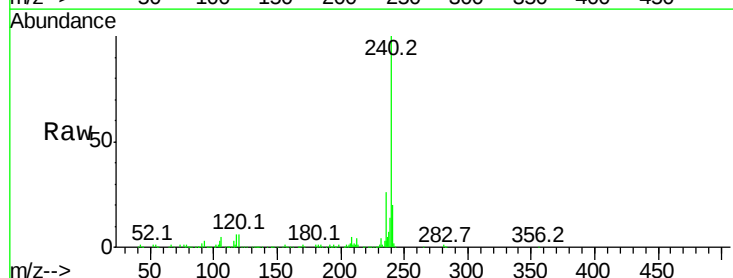
Tgt Ion:240 Resp: 262500

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

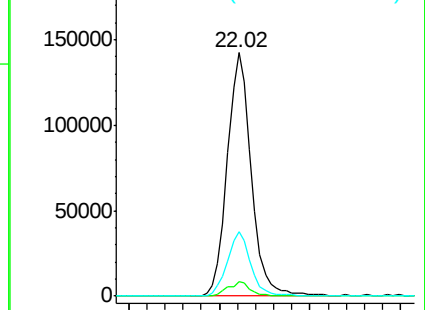
236 26.4 22.2 33.4



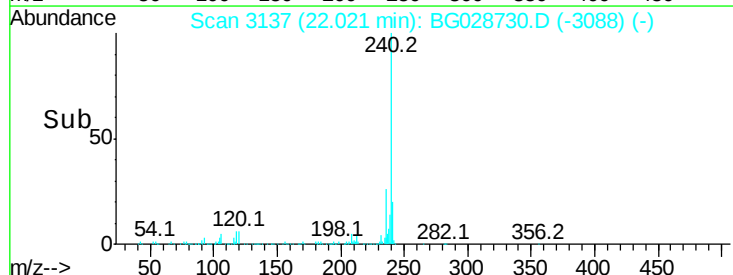
Abundance Ion 240.00 (239.70 to 240.70): E

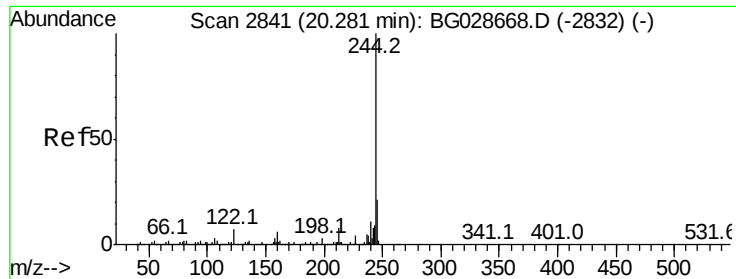
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.90 22.00 22.10





#78

Terphenyl-d14

Concen: 89.227 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028730.D

Acq: 14 Sep 2017 13:24

Instrument :

BNA_G

ClientSampled :

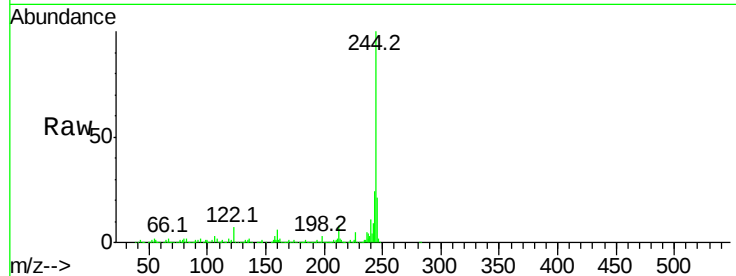
Tot Ion:244 Resp: 1098309

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

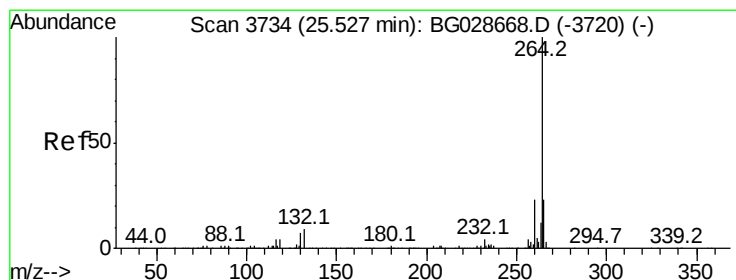
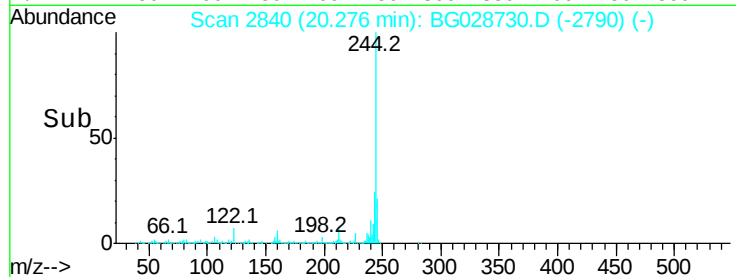
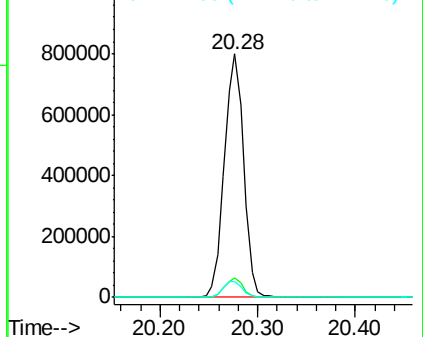
122 6.7 8.6 12.8#



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: BG028730.D

Acq: 14 Sep 2017 13:24

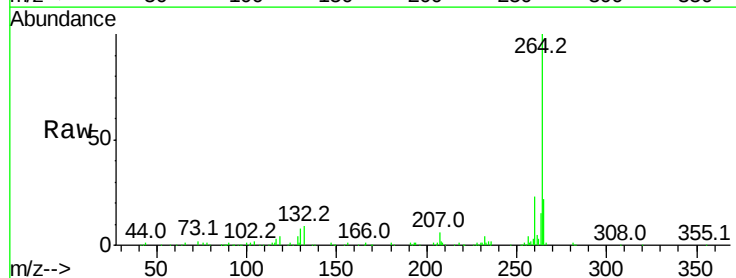
Tgt Ion:264 Resp: 262888

Ion Ratio Lower Upper

264 100

260 23.3 21.8 32.8

265 21.9 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

