

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092117\
 Data File : BG028872.D
 Acq On : 22 Sep 2017 00:22
 Operator : SJ/JU
 Sample : I5331-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-92017-C

Quant Time: Sep 22 02:58:17 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	35620	20.00	ng	-0.05
21) Naphthalene-d8	11.11	136	147358	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	30601	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	192586	20.00	ng	-0.04
75) Chrysene-d12	21.99	240	40043	20.00	ng	-0.05
86) Perylene-d12	25.47	264	525	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	318304	147.45	ng	-0.04
7) Phenol-d6	7.45	99	166732	51.30	ng	-0.04
23) Nitrobenzene-d5	9.46	82	289845	94.09	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	251049	496.02	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	728356	317.38	ng	-0.04
78) Terphenyl-d14	20.25	244	412313	219.59	ng	-0.03

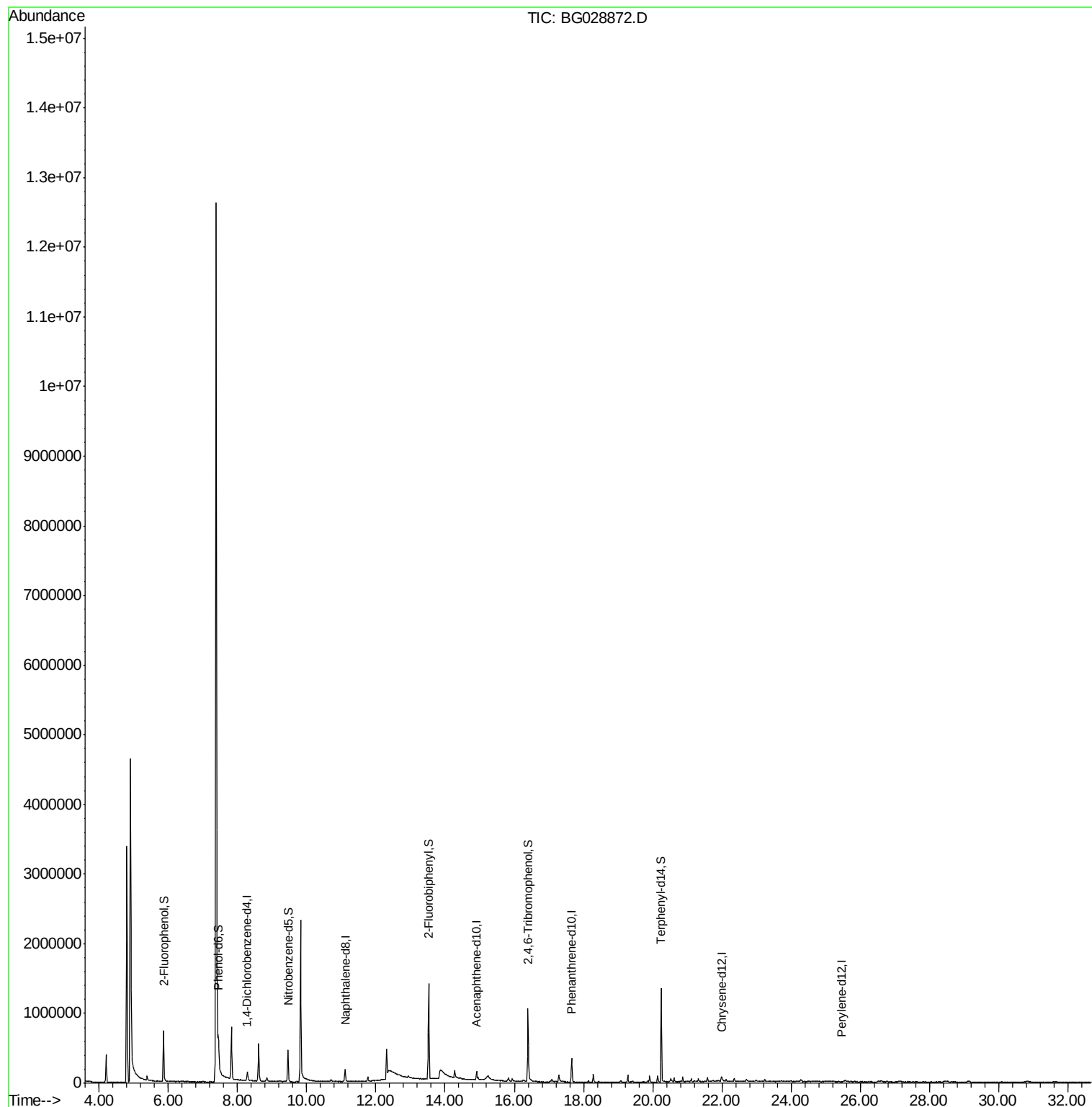
Target Compounds Qvalue

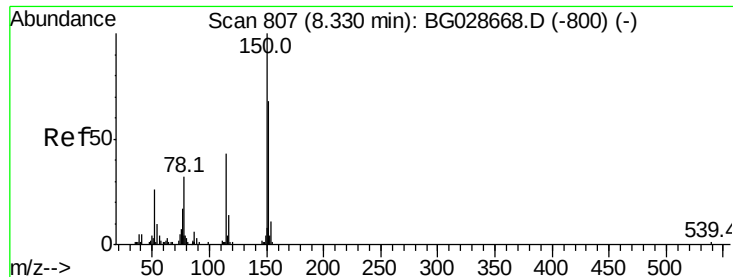
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 799

Delta R.T. -0.05 min

Lab File: BG028872.D

Acq: 22 Sep 2017 00:22

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HR-05-92017-C

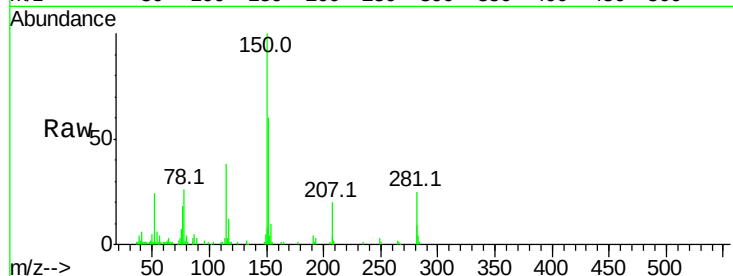
Tot Ion:152 Resp: 35620

Ion Ratio Lower Upper

152 100

150 167.4 114.0 171.0

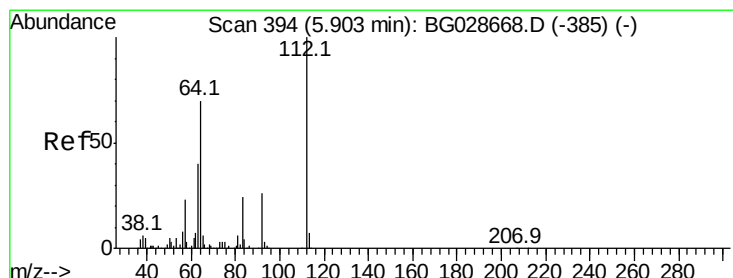
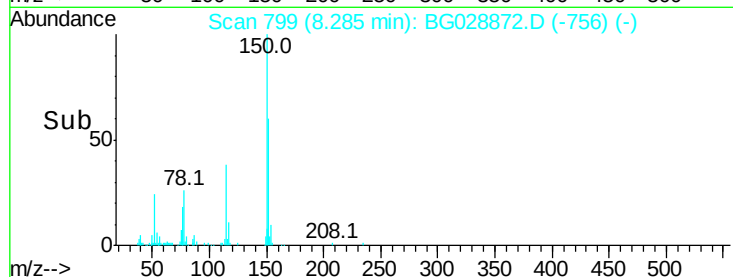
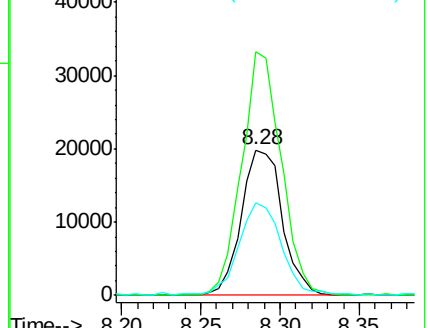
115 63.7 48.1 72.1



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



#5

2-Fluorophenol

Concen: 147.450 ng

RT: 5.86 min Scan# 387

Delta R.T. -0.04 min

Lab File: BG028872.D

Acq: 22 Sep 2017 00:22

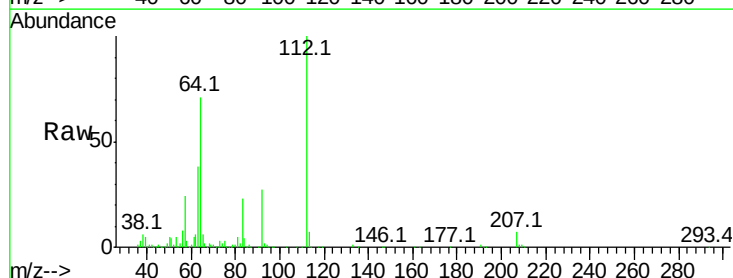
Tgt Ion:112 Resp: 318304

Ion Ratio Lower Upper

112 100

64 71.0 61.8 92.6

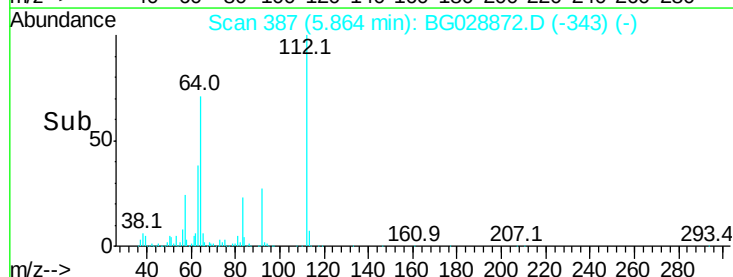
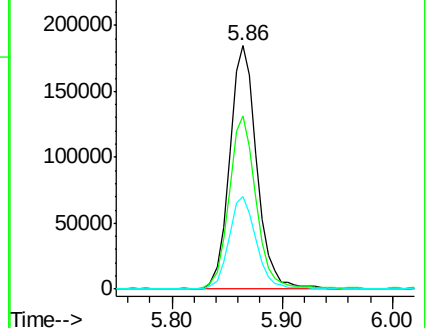
63 38.1 37.2 55.8

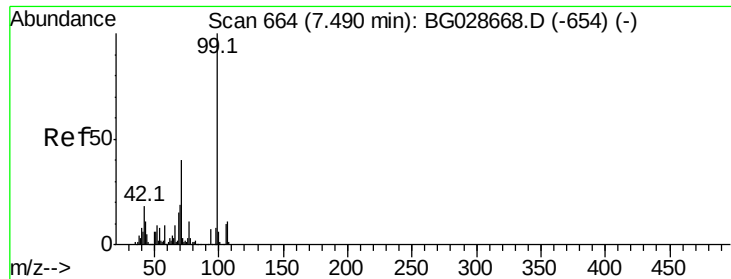


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 51.299 ng

RT: 7.45 min Scan# 657

Delta R.T. -0.04 min

Lab File: BG028872.D

Acq: 22 Sep 2017 00:22

Instrument :

BNA_G

ClientSampleId :

HR-05-92017-C

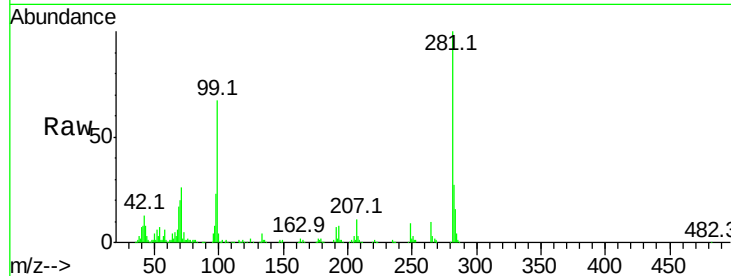
Tot Ion: 99 Resp: 166732

Ion Ratio Lower Upper

99 100

42 19.7 20.5 30.7#

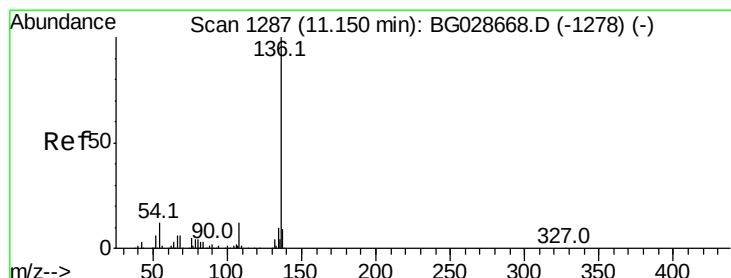
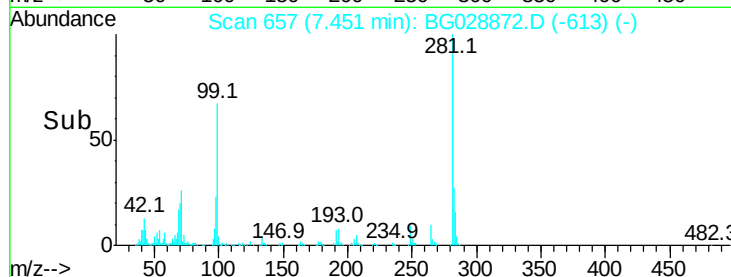
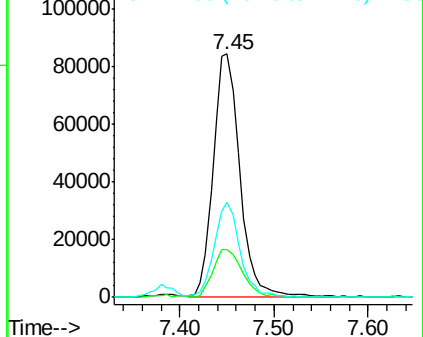
71 39.1 37.6 56.4



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: BG028872.D

Acq: 22 Sep 2017 00:22

Tgt Ion: 136 Resp: 147358

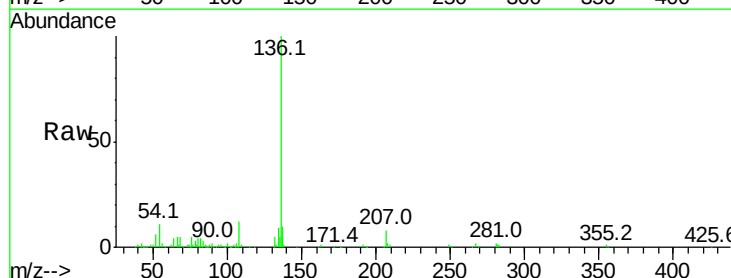
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 10.7 9.3 13.9

68 5.3 5.1 7.7

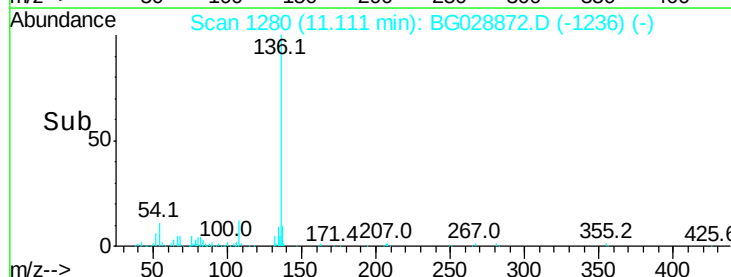
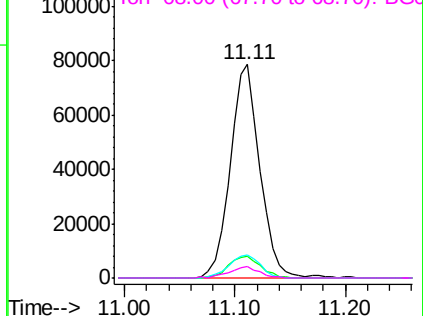


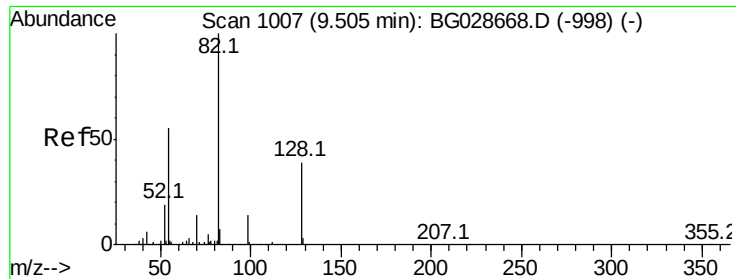
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 94.093 ng

RT: 9.46 min Scan# 999

Delta R.T. -0.05 min

Lab File: BG028872.D

Acq: 22 Sep 2017 00:22

Instrument :

BNA_G

ClientSampleId :

HR-05-92017-C

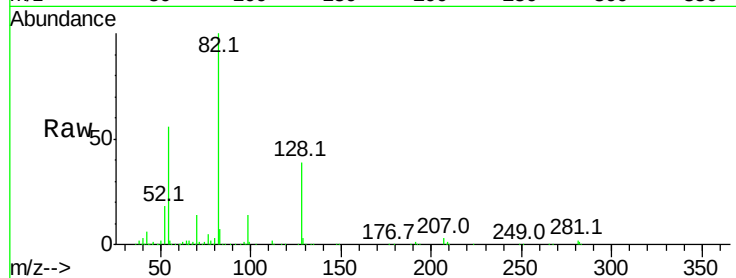
Tot Ion: 82 Resp: 289845

Ion Ratio Lower Upper

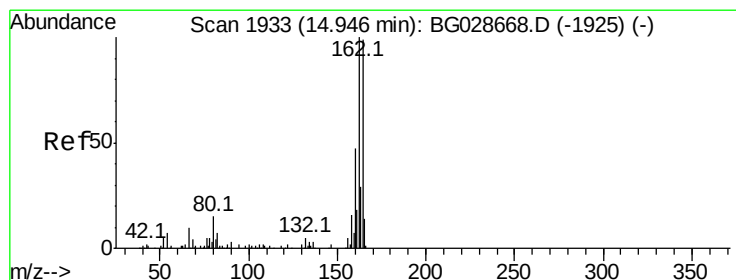
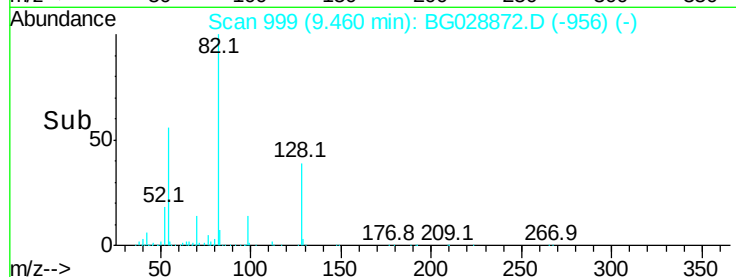
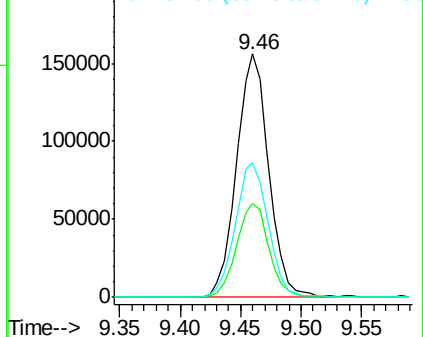
82 100

128 38.7 26.4 39.6

54 55.6 49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.91 min Scan# 1926

Delta R.T. -0.04 min

Lab File: BG028872.D

Acq: 22 Sep 2017 00:22

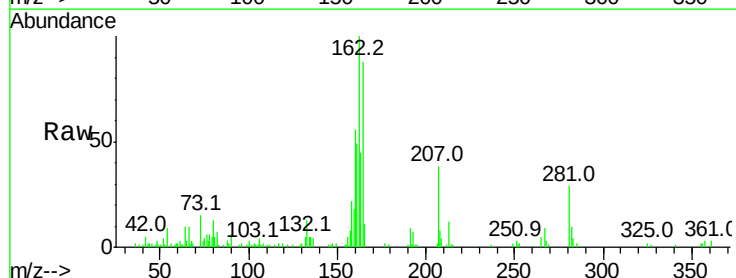
Tgt Ion:164 Resp: 30601

Ion Ratio Lower Upper

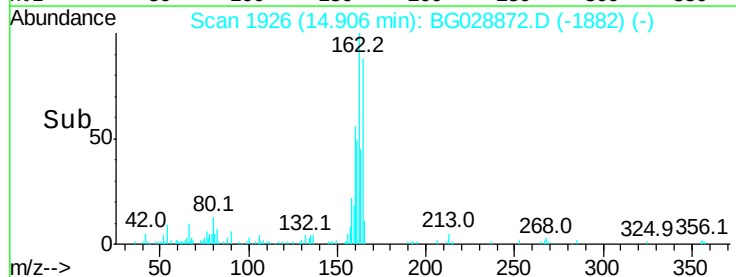
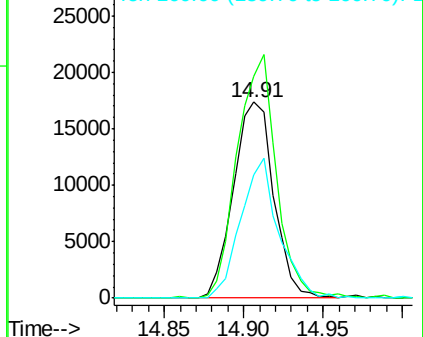
164 100

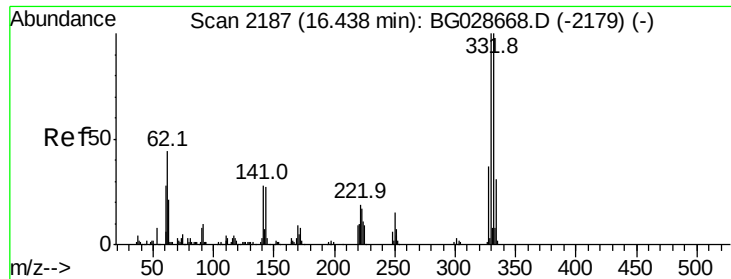
162 113.2 85.1 127.7

160 62.9 34.7 52.1#



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

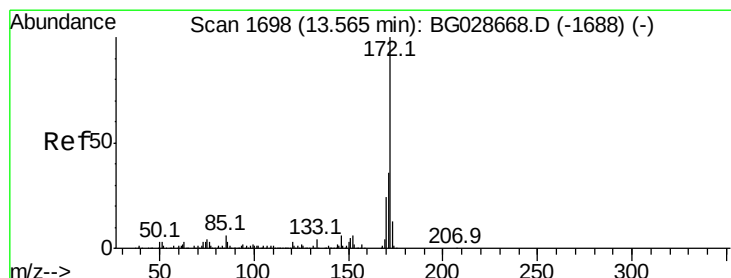
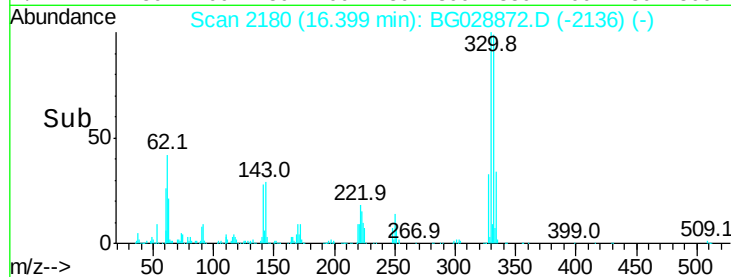
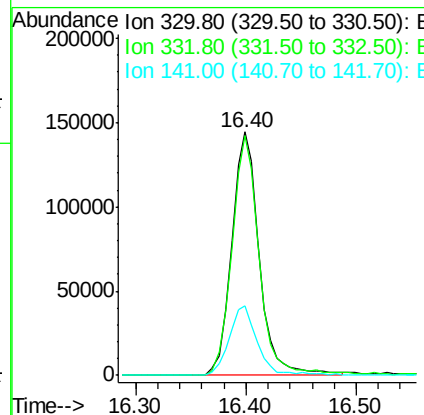
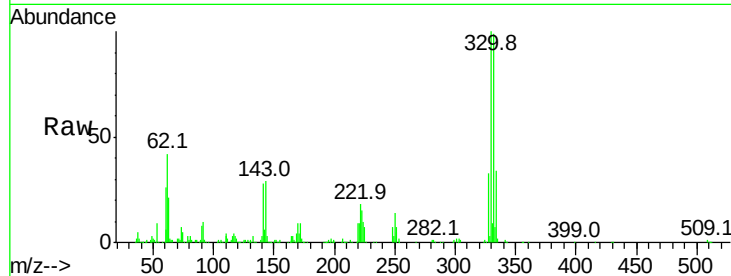




#41
 2,4,6-Tribromophenol
 Concen: 496.025 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028872.D
 Acq: 22 Sep 2017 00:22

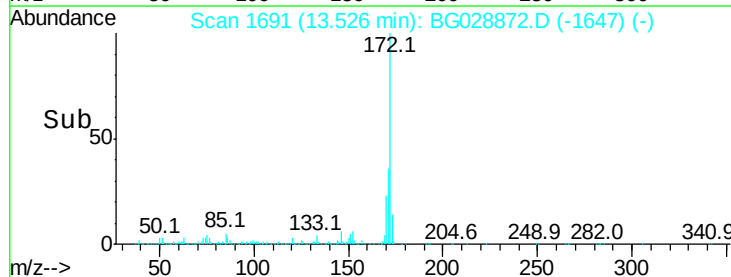
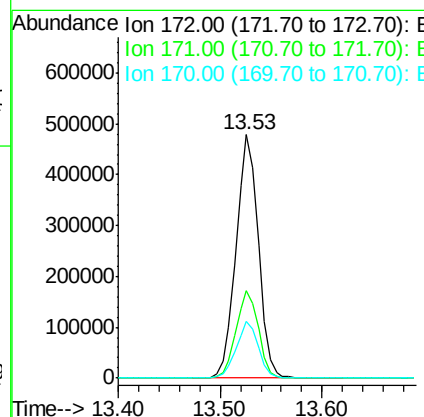
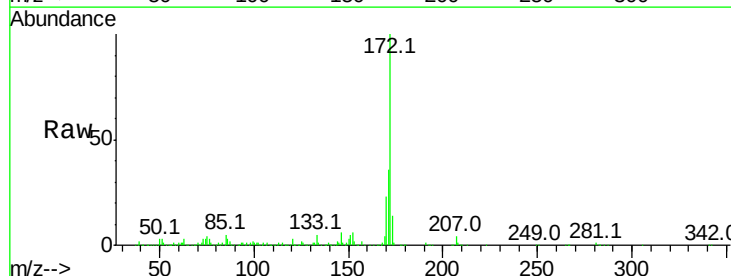
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-92017-C

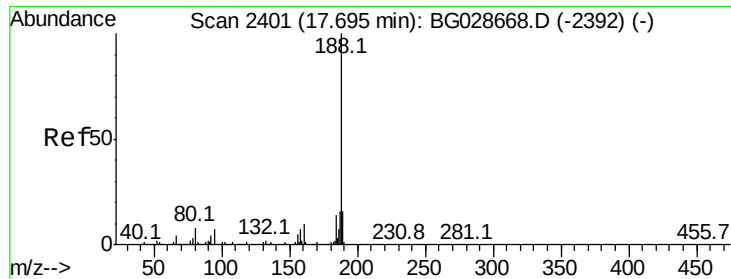
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.3	115.9
141	29.5	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 317.377 ng
 RT: 13.53 min Scan# 1691
 Delta R.T. -0.04 min
 Lab File: BG028872.D
 Acq: 22 Sep 2017 00:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	32.2	48.2
170	23.4	21.8	32.6

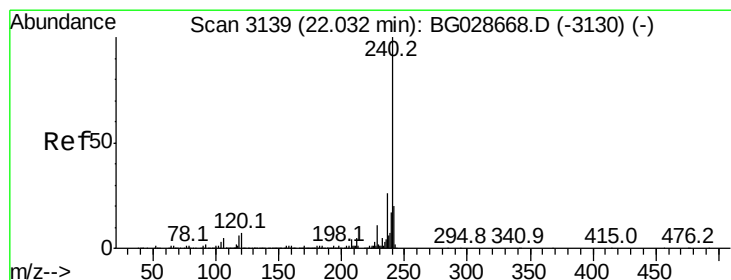
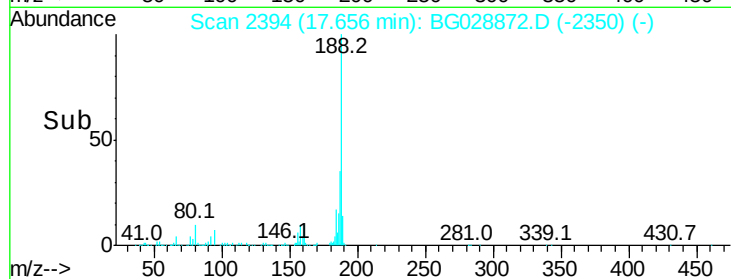
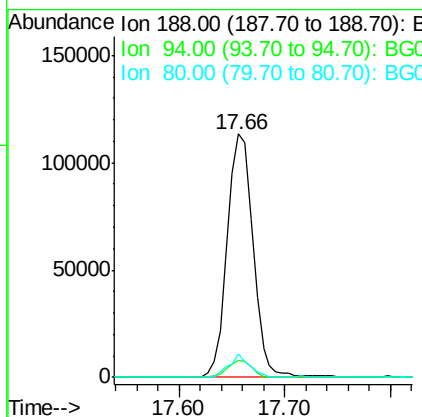
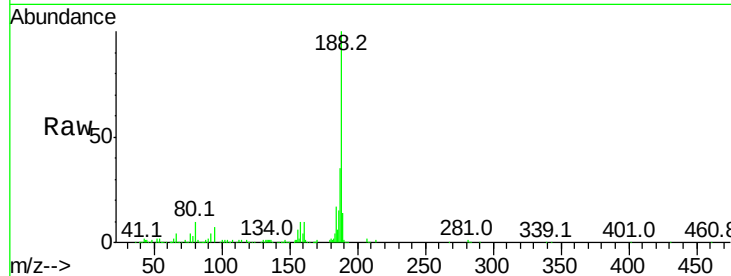




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2394
Delta R.T. -0.04 min
Lab File: BG028872.D
Acq: 22 Sep 2017 00:22

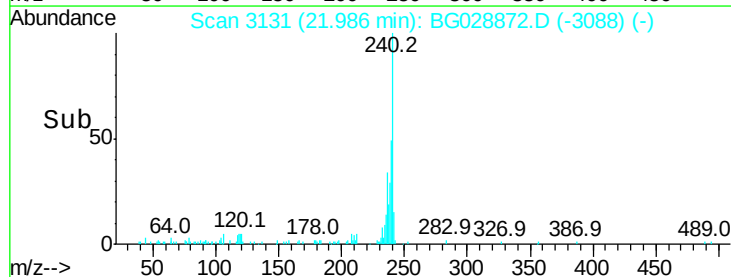
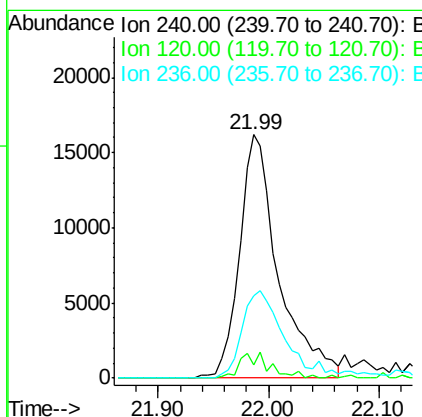
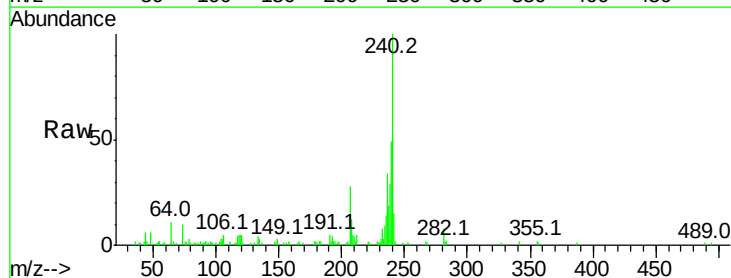
Instrument :
BNA_G
ClientSampleId :
HR-05-92017-C

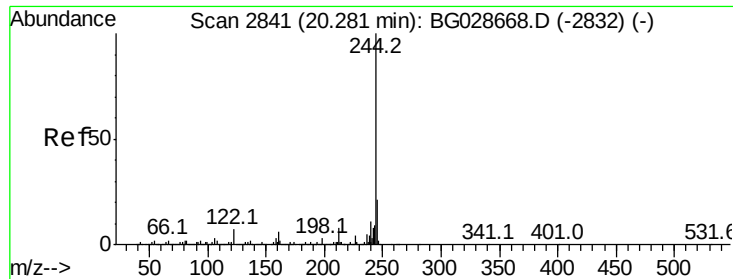
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.8	8.8
80	9.7	7.5	11.3



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.99 min Scan# 3131
Delta R.T. -0.05 min
Lab File: BG028872.D
Acq: 22 Sep 2017 00:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.7	8.5#
236	33.8	22.2	33.4#





#78

Terphenyl-d14

Concen: 219.585 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG028872.D

Acq: 22 Sep 2017 00:22

Instrument :

BNA_G

ClientSampleId :

HR-05-92017-C

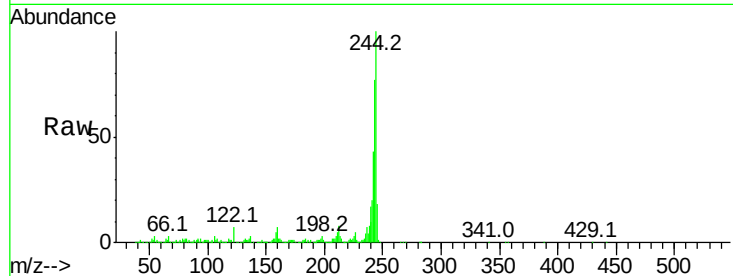
Tot Ion:244 Resp: 412313

Ion Ratio Lower Upper

244 100

212 8.5 10.0 15.0#

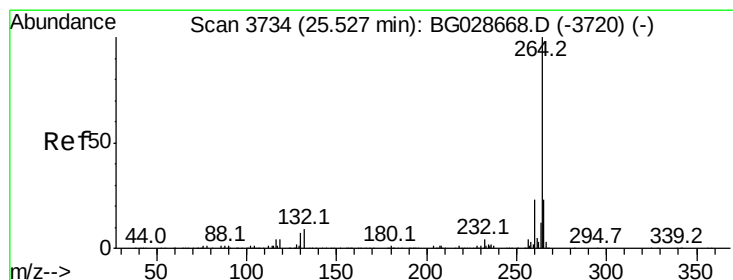
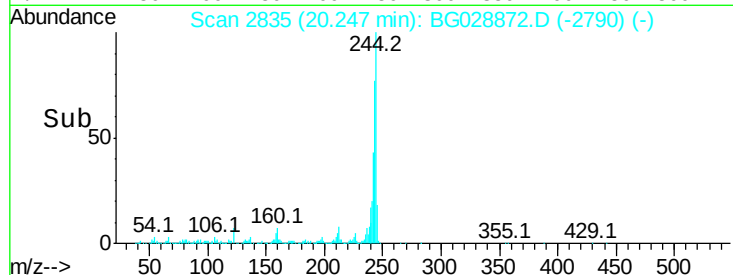
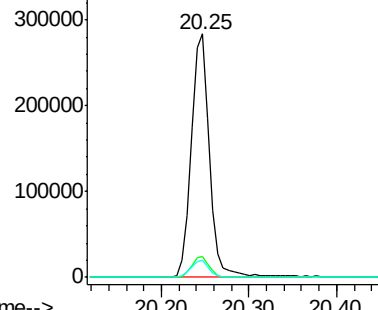
122 7.0 8.6 12.8#



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: 25.47 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG028872.D

Acq: 22 Sep 2017 00:22

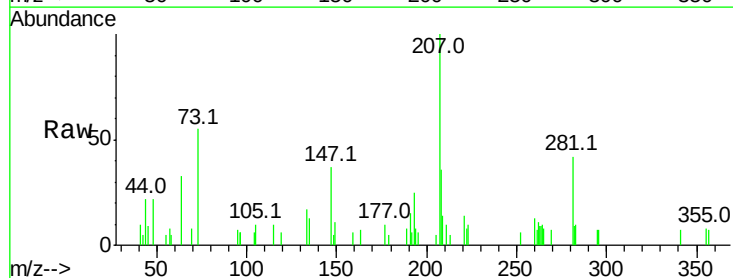
Tgt Ion:264 Resp: 525

Ion Ratio Lower Upper

264 100

260 71.4 21.8 32.8#

265 41.7 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

