

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092117\
 Data File : BG028871.D
 Acq On : 21 Sep 2017 23:43
 Operator : SJ/JU
 Sample : I5331-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Sep 22 02:13:12 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	34011	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	131486	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	97530	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	272540	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	308211	20.00	ng	-0.05
86) Perylene-d12	25.45	264	280545	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	313518	152.10	ng	-0.04
7) Phenol-d6	7.44	99	394677	127.18	ng	-0.05
23) Nitrobenzene-d5	9.46	82	290307	105.62	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	248282	153.92	ng	-0.04
44) 2-Fluorobiphenyl	13.52	172	745482	101.92	ng	-0.04
78) Terphenyl-d14	20.25	244	1495988	103.51	ng	-0.04

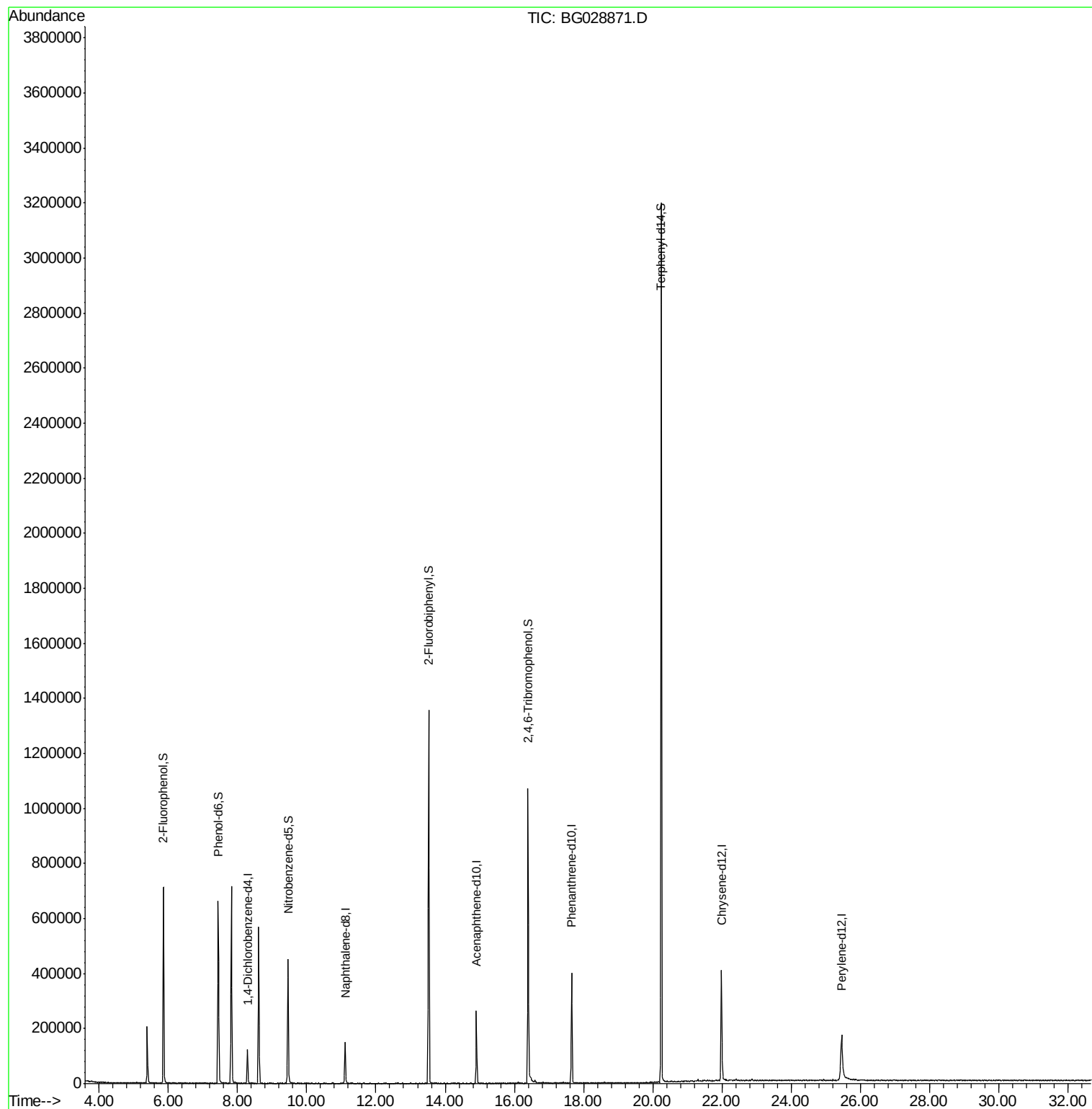
Target Compounds Qvalue

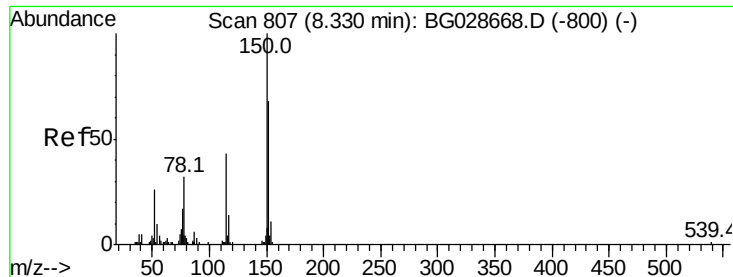
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG028871.D

Acq: 21 Sep 2017 23:43

Instrument :

BNA_G

ClientSampleId :

HR-05-92017-B

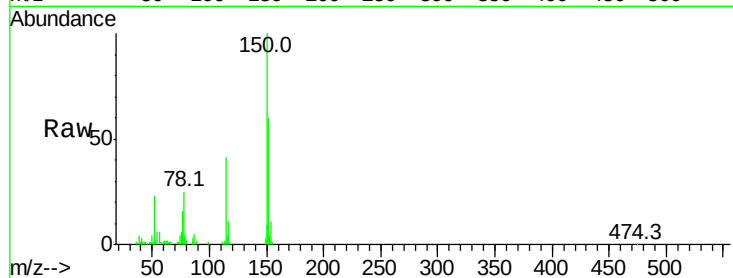
Tot Ion:152 Resp: 34011

Ion Ratio Lower Upper

152 100

150 165.7 114.0 171.0

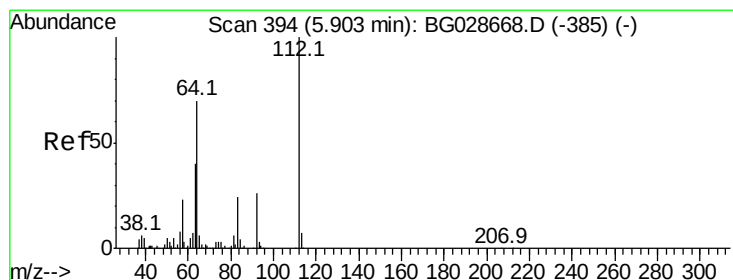
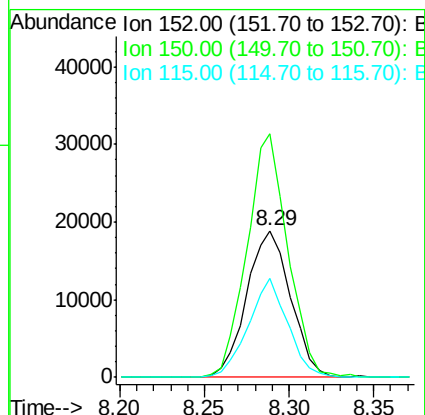
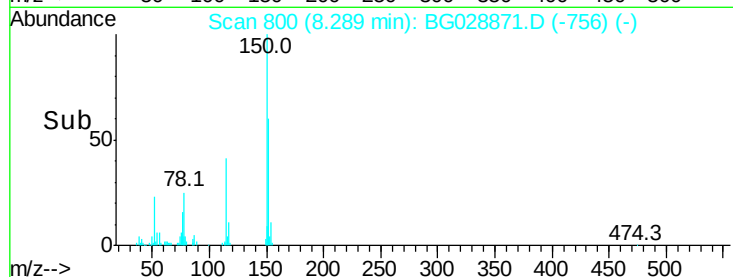
115 67.8 48.1 72.1



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: 152.104 ng

RT: 5.86 min Scan# 387

Delta R.T. -0.04 min

Lab File: BG028871.D

Acq: 21 Sep 2017 23:43

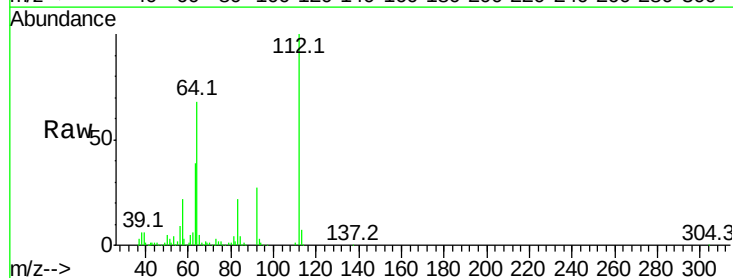
Tgt Ion:112 Resp: 313518

Ion Ratio Lower Upper

112 100

64 68.1 61.8 92.6

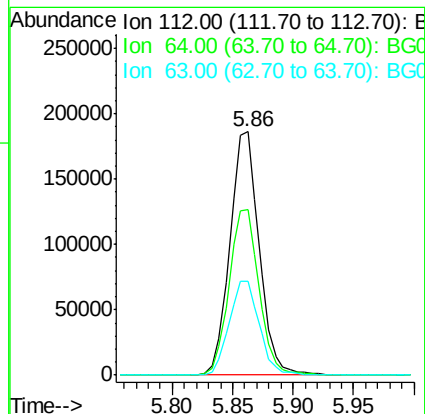
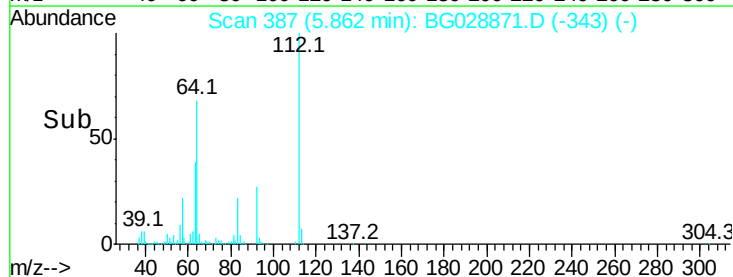
63 38.5 37.2 55.8

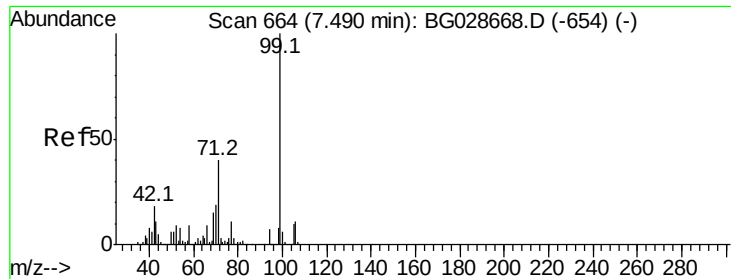


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 127.176 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028871.D

Acq: 21 Sep 2017 23:43

Instrument :

BNA_G

ClientSampleId :

HR-05-92017-B

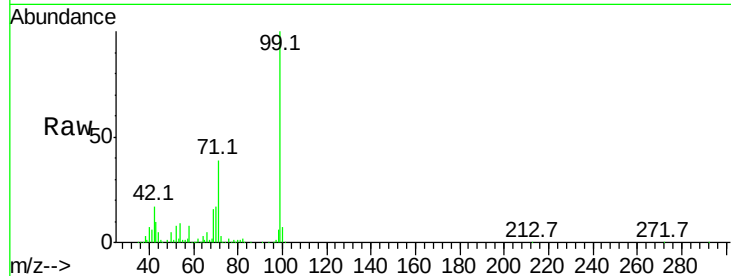
Tot Ion: 99 Resp: 394677

Ion Ratio Lower Upper

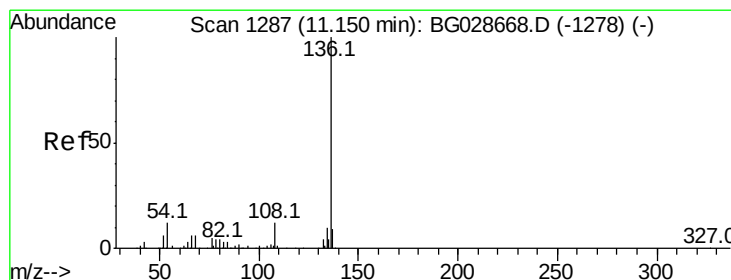
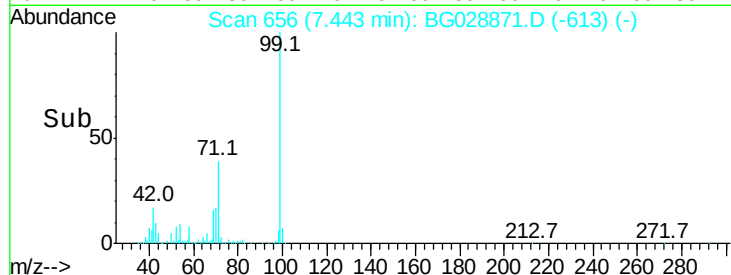
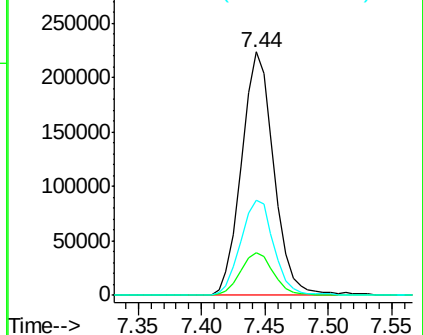
99 100

42 17.3 20.5 30.7#

71 39.0 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: BG028871.D

Acq: 21 Sep 2017 23:43

Tgt Ion: 136 Resp: 131486

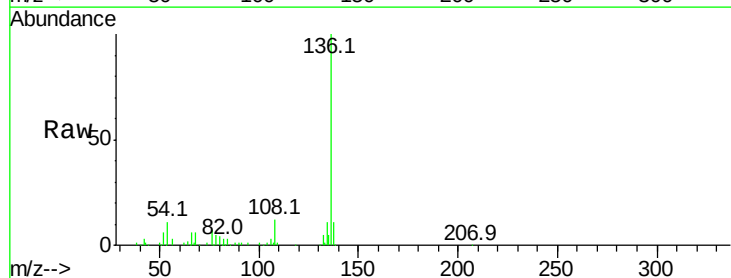
Ion Ratio Lower Upper

136 100

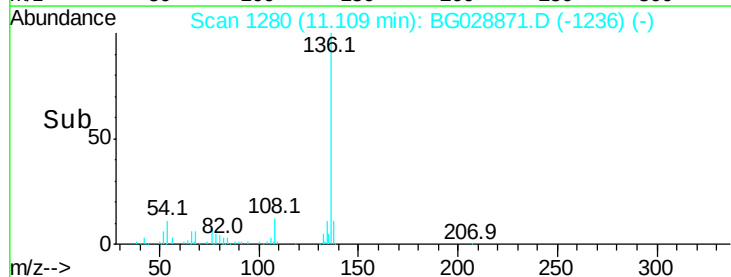
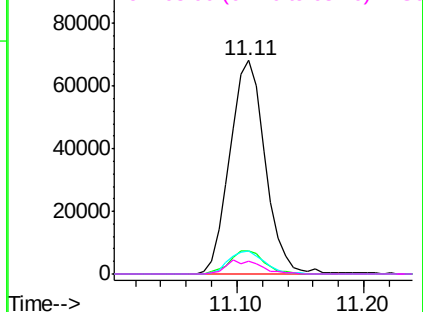
137 10.6 8.9 13.3

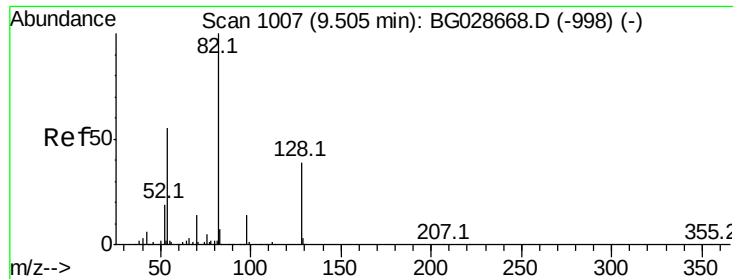
54 10.5 9.3 13.9

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: 105.620 ng

RT: 9.46 min Scan# 999

Delta R.T. -0.05 min

Lab File: BG028871.D

Acq: 21 Sep 2017 23:43

Instrument :

BNA_G

ClientSampleId :

HR-05-92017-B

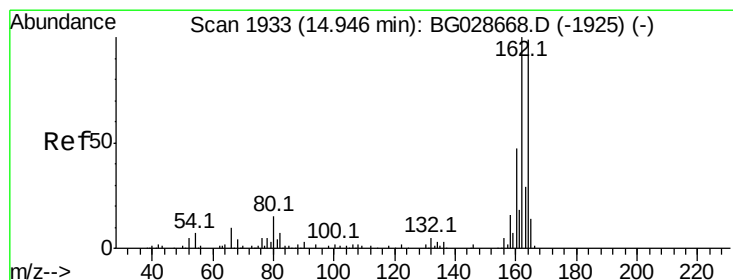
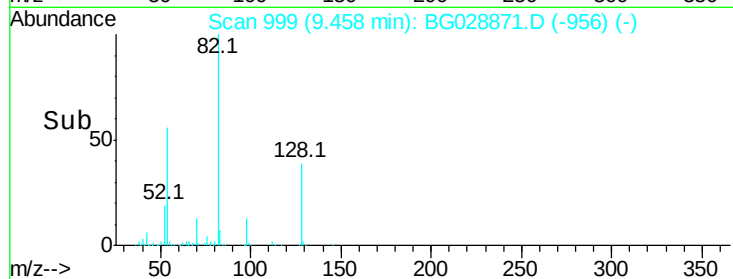
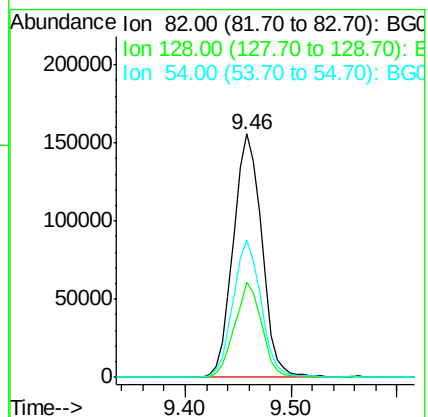
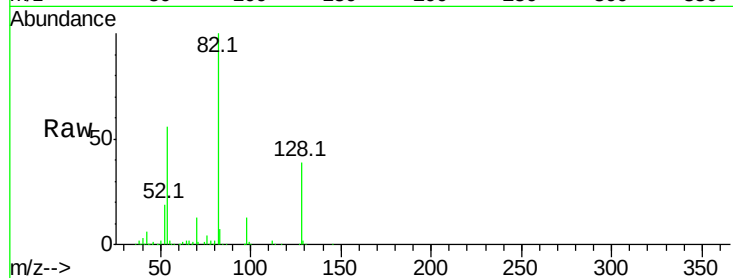
Tot Ion: 82 Resp: 290307

Ion Ratio Lower Upper

82 100

128 39.0 26.4 39.6

54 56.4 49.4 74.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.90 min Scan# 1926

Delta R.T. -0.04 min

Lab File: BG028871.D

Acq: 21 Sep 2017 23:43

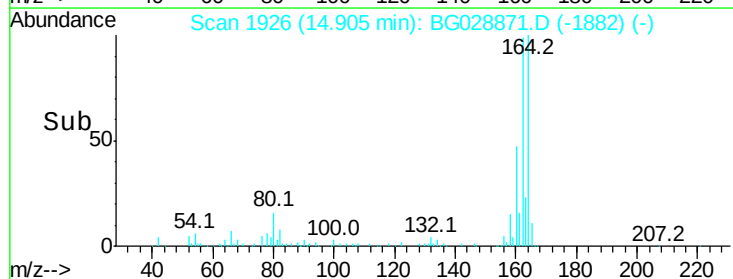
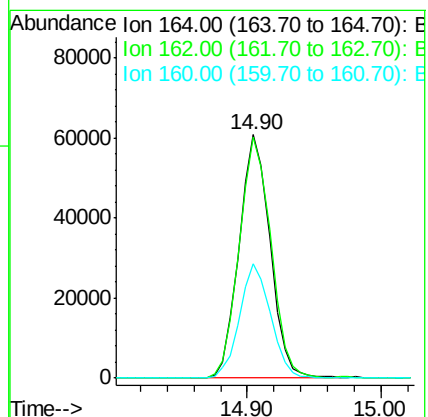
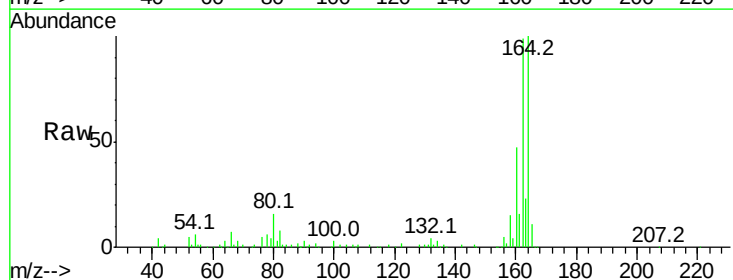
Tgt Ion: 164 Resp: 97530

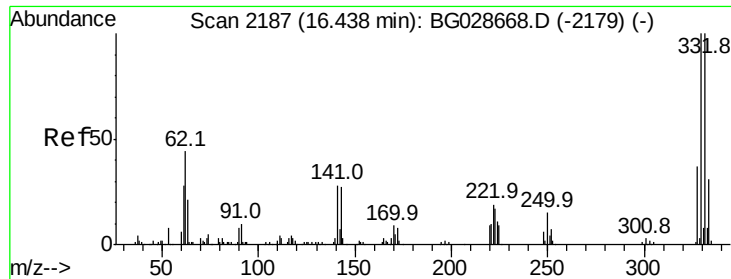
Ion Ratio Lower Upper

164 100

162 98.9 85.1 127.7

160 47.1 34.7 52.1

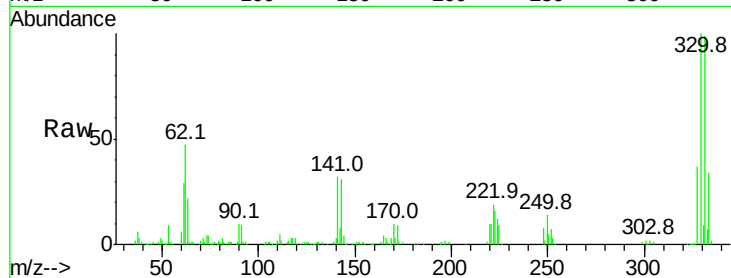




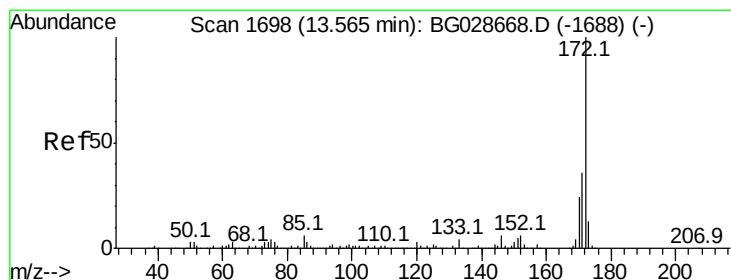
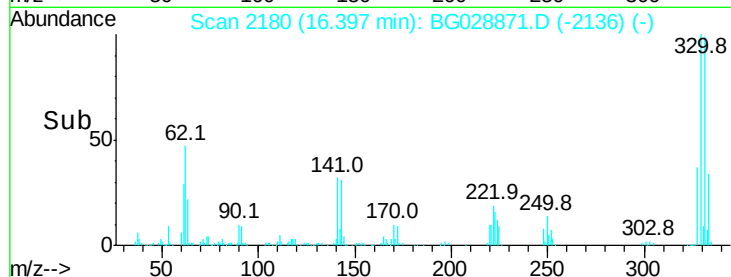
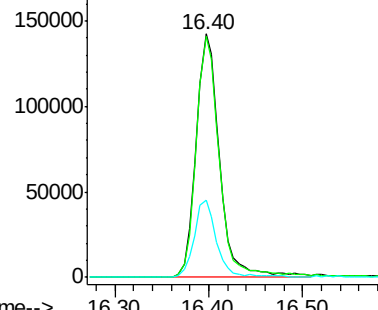
#41
 2,4,6-Tribromophenol
 Concen: 153.917 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028871.D
 Acq: 21 Sep 2017 23:43

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.3	115.9
141	29.7	32.1	48.1#

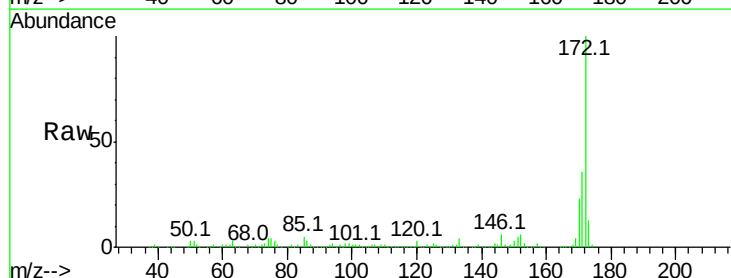


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

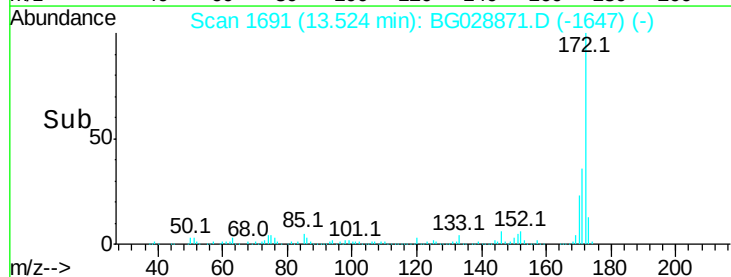
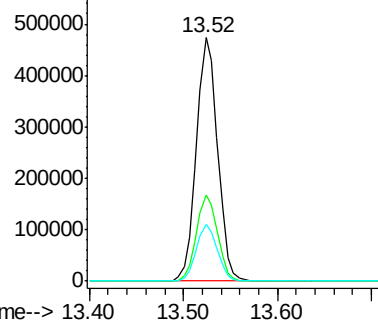


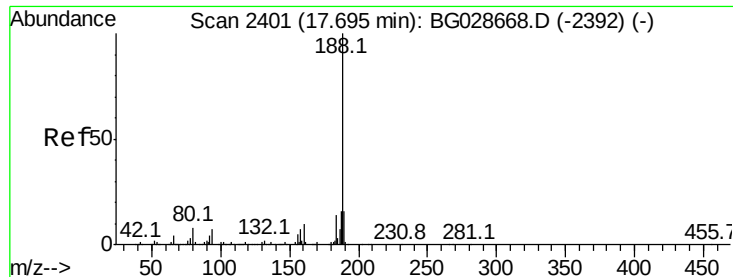
#44
 2-Fluorobiphenyl
 Concen: 101.922 ng
 RT: 13.52 min Scan# 1691
 Delta R.T. -0.04 min
 Lab File: BG028871.D
 Acq: 21 Sep 2017 23:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	32.2	48.2
170	23.2	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: 17.66 min Scan# 2395

Delta R.T. -0.04 min

Lab File: BG028871.D

Acq: 21 Sep 2017 23:43

Instrument :

BNA_G

ClientSampleId :

HR-05-92017-B

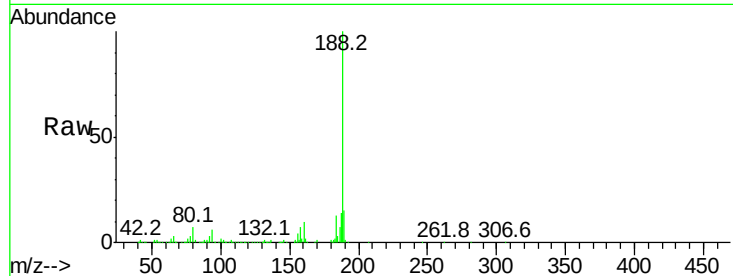
Tot Ion:188 Resp: 272540

Ion Ratio Lower Upper

188 100

94 6.0 5.8 8.8

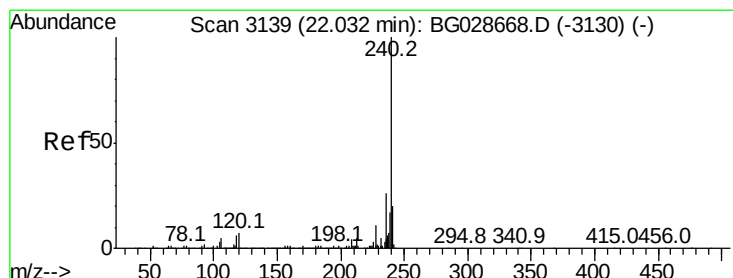
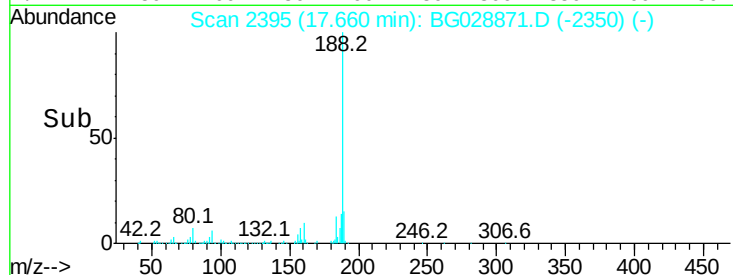
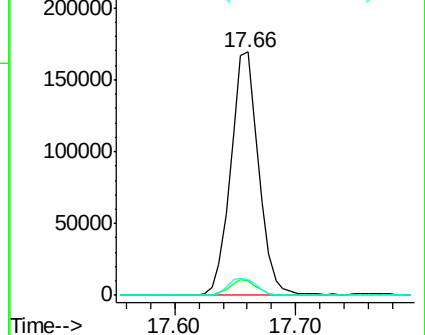
80 6.6 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028871.D

Acq: 21 Sep 2017 23:43

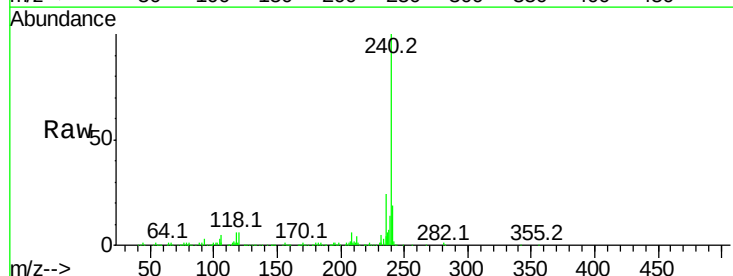
Tgt Ion:240 Resp: 308211

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

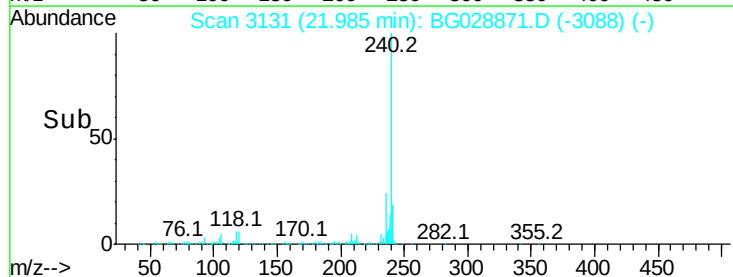
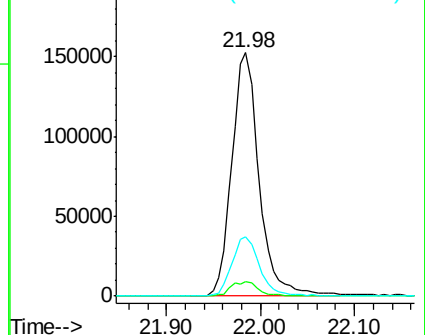
236 24.1 22.2 33.4

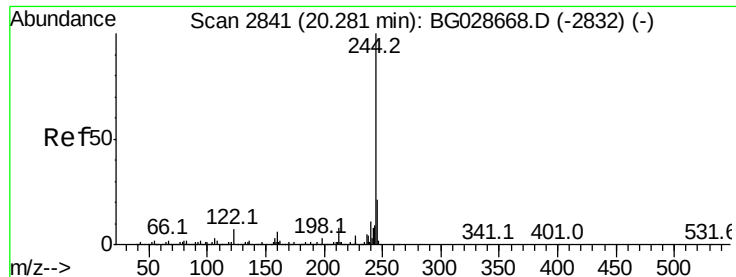


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 103.510 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028871.D

Acq: 21 Sep 2017 23:43

Instrument :

BNA_G

ClientSampleId :

HR-05-92017-B

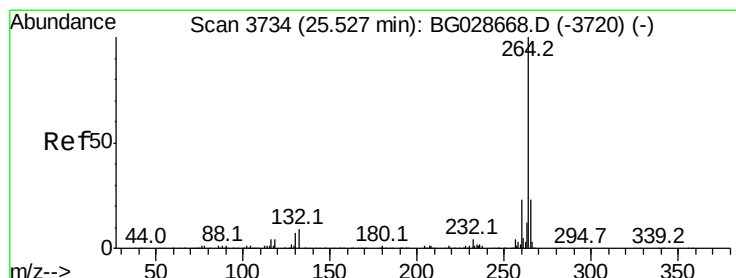
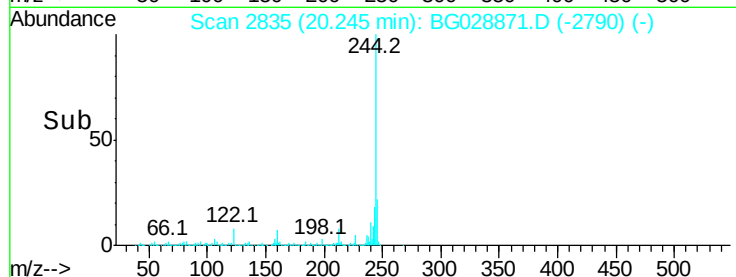
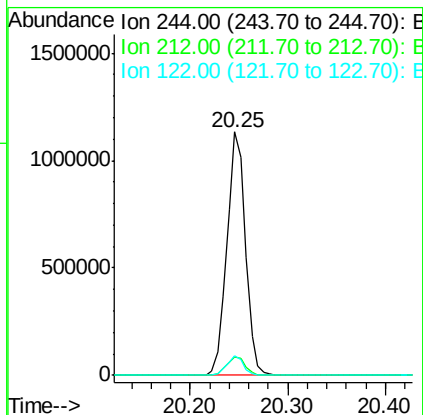
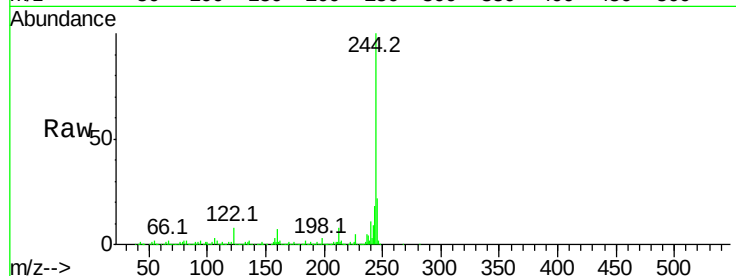
Tot Ion:244 Resp: 1495988

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

122 7.9 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.45 min Scan# 3721

Delta R.T. -0.08 min

Lab File: BG028871.D

Acq: 21 Sep 2017 23:43

Tgt Ion:264 Resp: 280545

Ion Ratio Lower Upper

264 100

260 22.4 21.8 32.8

265 20.3 18.2 27.4

