

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092117\
 Data File : BG028875.D
 Acq On : 22 Sep 2017 2:22
 Operator : SJ/JU
 Sample : I5335-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-COMP

Quant Time: Sep 22 04:20:21 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	34963	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	127713	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	97197	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	263294	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	277988	20.00	ng	-0.05
86) Perylene-d12	25.46	264	197409	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	313684	148.04	ng	-0.04
7) Phenol-d6	7.45	99	390494	122.40	ng	-0.04
23) Nitrobenzene-d5	9.46	82	289953	108.61	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	271609	168.96	ng	-0.04
44) 2-Fluorobiphenyl	13.52	172	755942	103.71	ng	-0.04
78) Terphenyl-d14	20.25	244	1457030	111.78	ng	-0.04

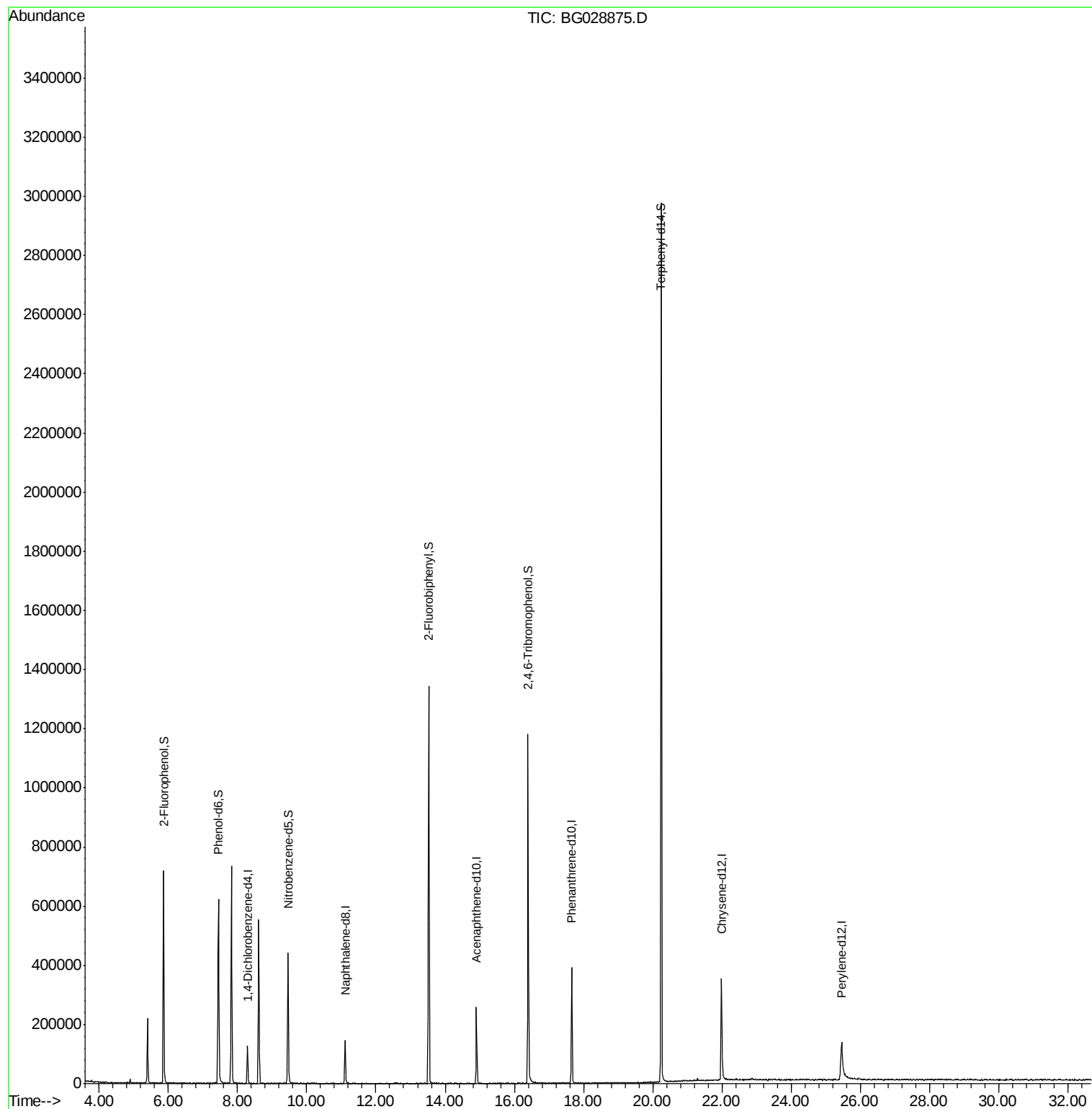
Target Compounds Qvalue

(#) = 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: BG028875.D

Acq: 22 Sep 2017 2:22

Instrument :

BNA_G

ClientSampleId :

SP-COMP

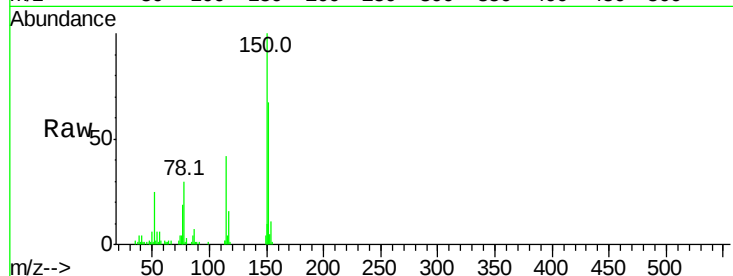
Tot Ion:152 Resp: 34963

Ion Ratio Lower Upper

152 100

150 148.9 114.0 171.0

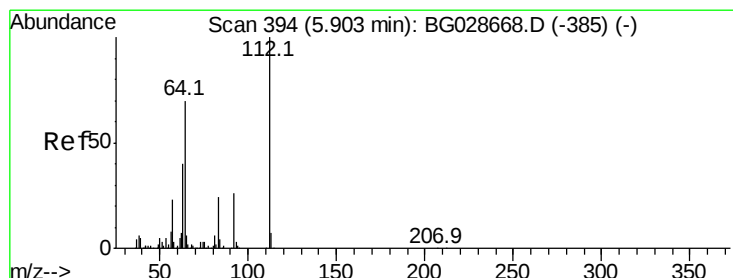
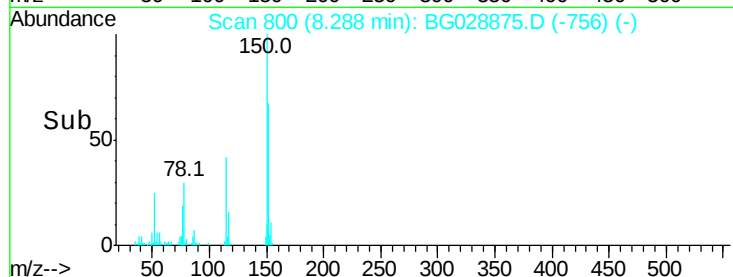
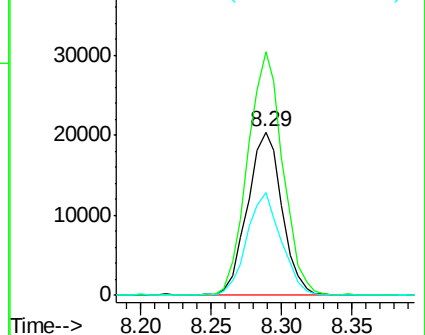
115 63.2 48.1 72.1



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: 148.040 ng

RT: 5.86 min Scan# 387

Delta R.T. -0.04 min

Lab File: BG028875.D

Acq: 22 Sep 2017 2:22

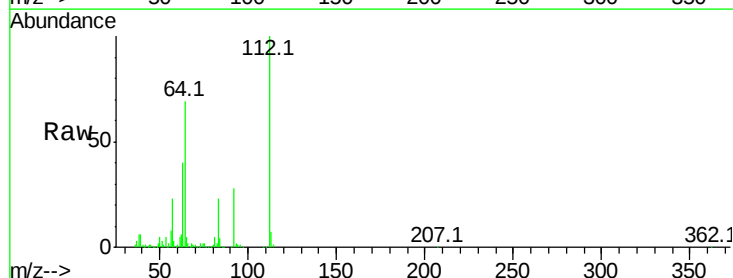
Tgt Ion:112 Resp: 313684

Ion Ratio Lower Upper

112 100

64 68.7 61.8 92.6

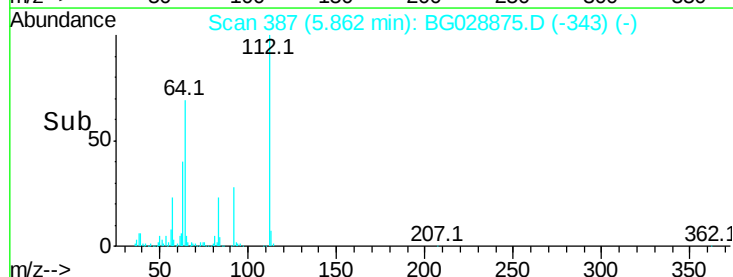
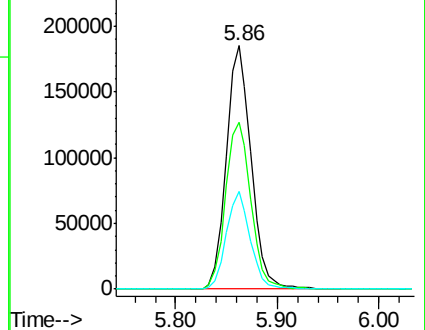
63 40.3 37.2 55.8

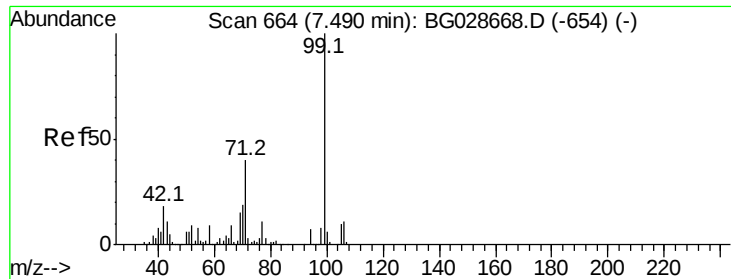


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.402 ng

RT: 7.45 min Scan# 657

Delta R.T. -0.04 min

Lab File: BG028875.D

Acq: 22 Sep 2017 2:22

Instrument :

BNA_G

ClientSampleId :

SP-COMP

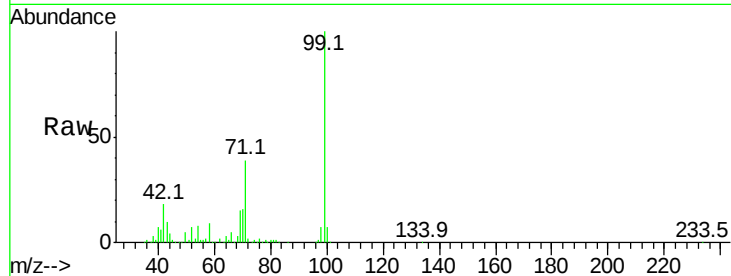
Tot Ion: 99 Resp: 390494

Ion Ratio Lower Upper

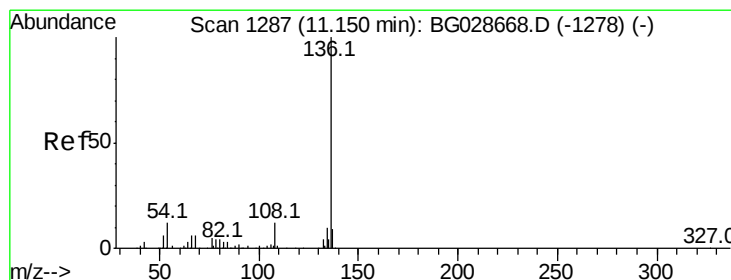
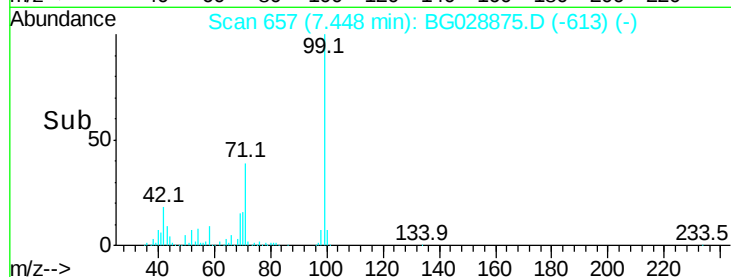
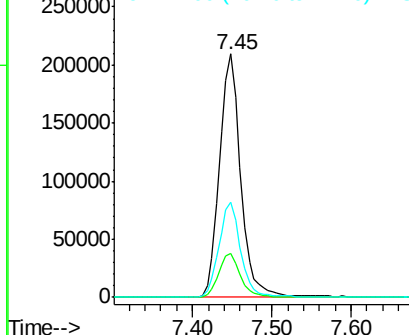
99 100

42 18.0 20.5 30.7#

71 38.9 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: BG028875.D

Acq: 22 Sep 2017 2:22

Tgt Ion: 136 Resp: 127713

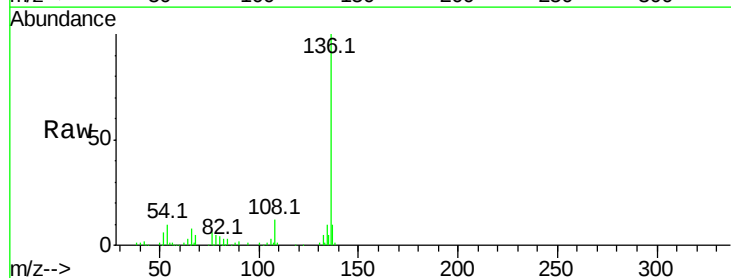
Ion Ratio Lower Upper

136 100

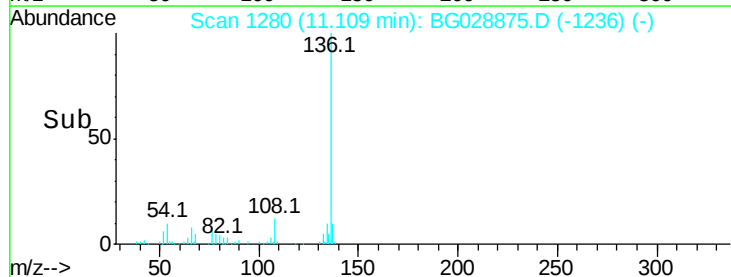
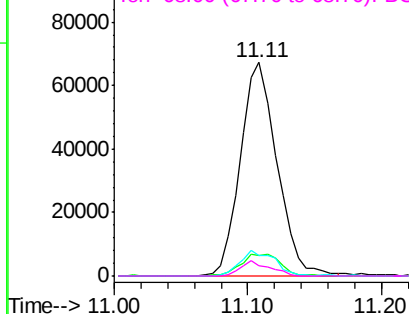
137 9.8 8.9 13.3

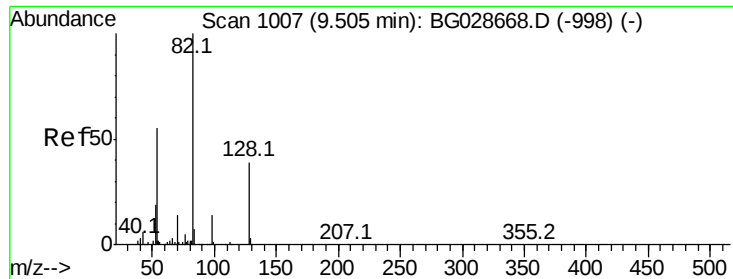
54 9.8 9.3 13.9

68 4.6 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

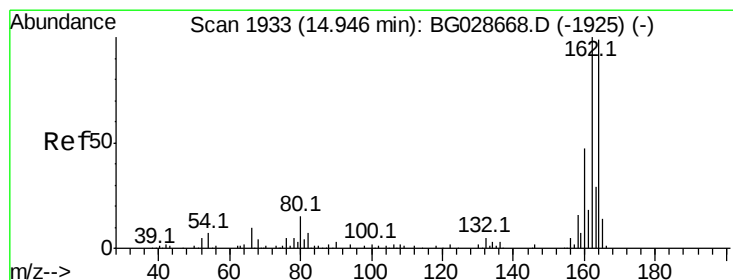
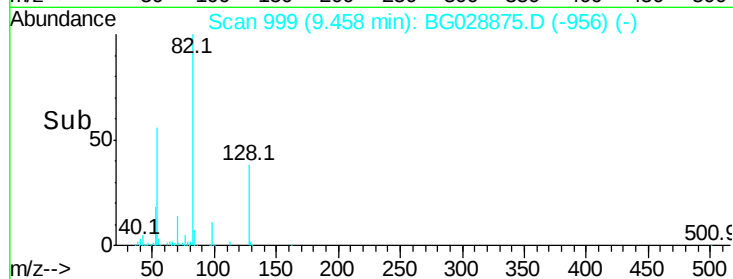
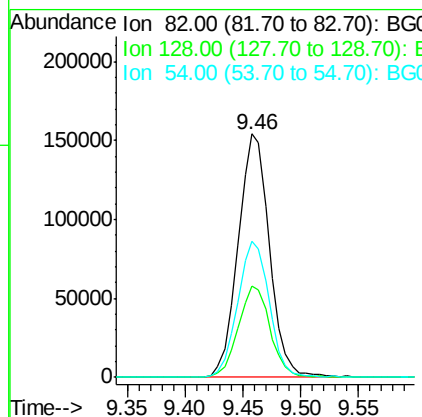
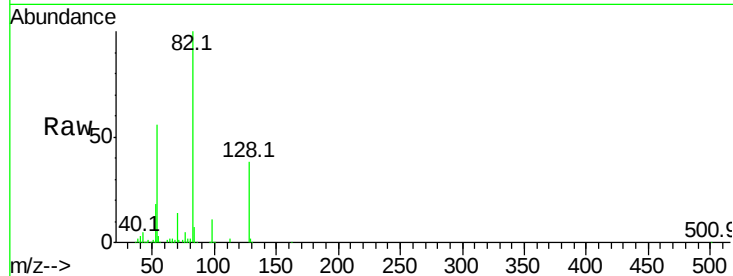




#23
 Nitrobenzene-d5
 Concen: 108.608 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.05 min
 Lab File: BG028875.D
 Acq: 22 Sep 2017 2:22

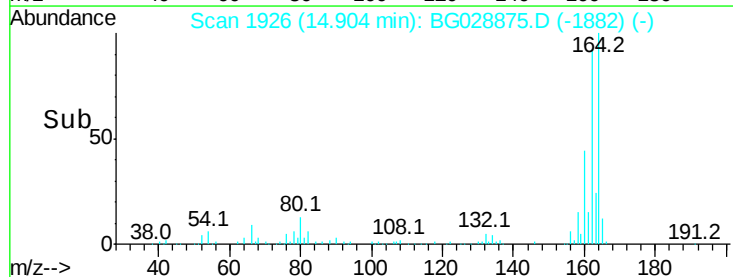
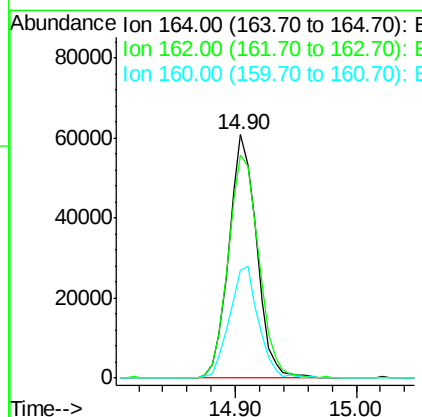
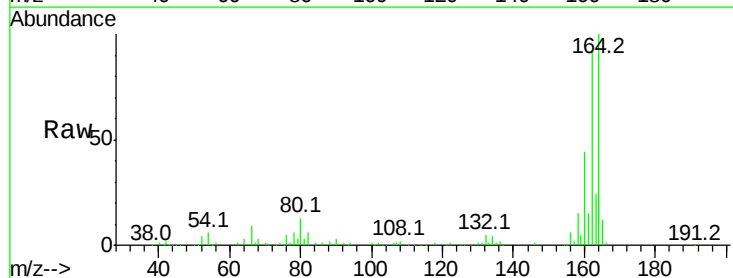
Instrument :
 BNA_G
 ClientSampleId :
 SP-COMP

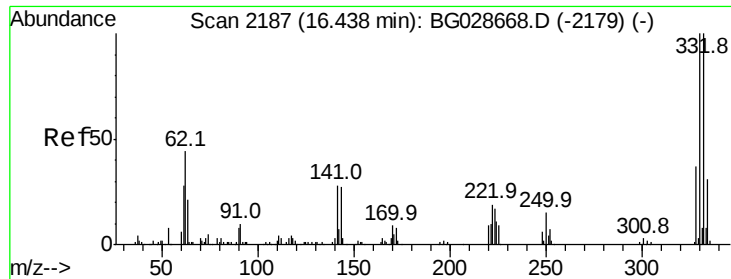
Tot Ion	82	Resp	289953
Ion Ratio	100	Lower	Upper
128	37.7	26.4	39.6
54	55.8	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.90 min Scan# 1926
 Delta R.T. -0.04 min
 Lab File: BG028875.D
 Acq: 22 Sep 2017 2:22

Tgt Ion	164	Resp	97197
Ion Ratio	100	Lower	Upper
162	91.7	85.1	127.7
160	44.4	34.7	52.1

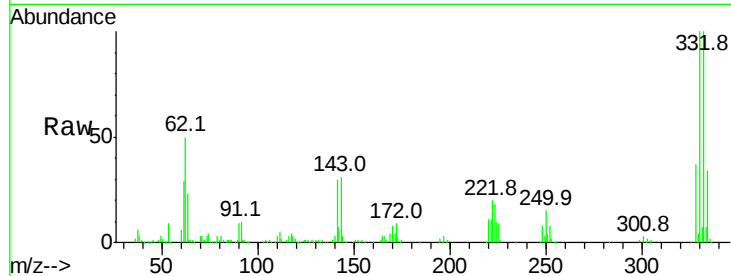




#41
 2,4,6-Tribromophenol
 Concen: 168.955 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028875.D
 Acq: 22 Sep 2017 2:22

Instrument :
 BNA_G
 ClientSampleId :
 SP-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.3	115.9
141	28.9	32.1	48.1#

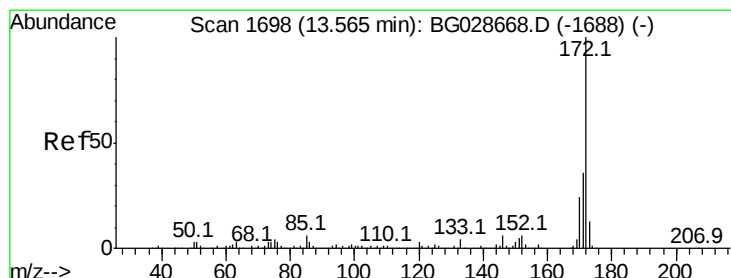
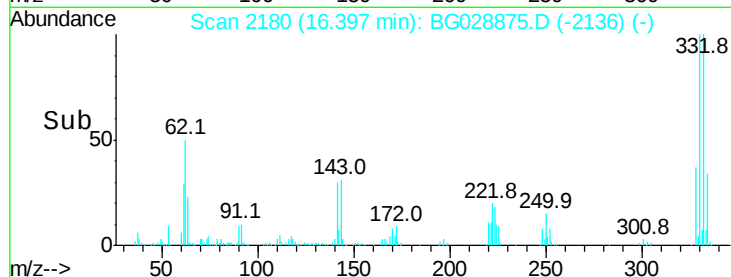
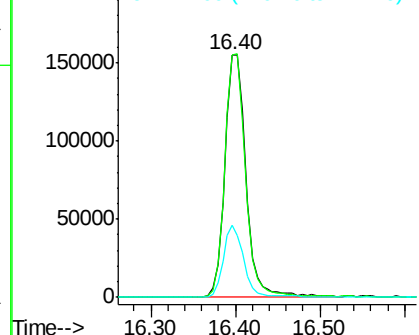


Abundance

Ion 329.80 (329.50 to 330.50): E

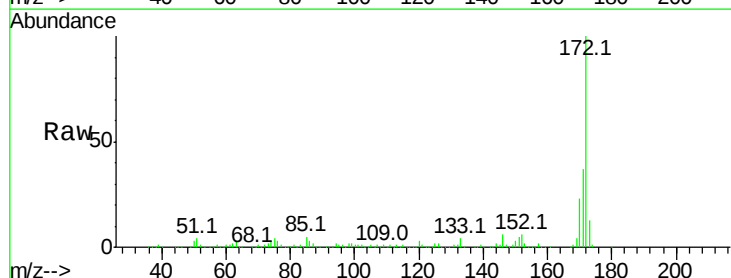
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.706 ng
 RT: 13.52 min Scan# 1691
 Delta R.T. -0.04 min
 Lab File: BG028875.D
 Acq: 22 Sep 2017 2:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	32.2	48.2
170	23.1	21.8	32.6

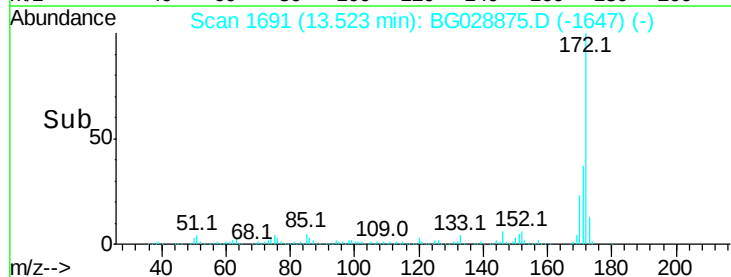
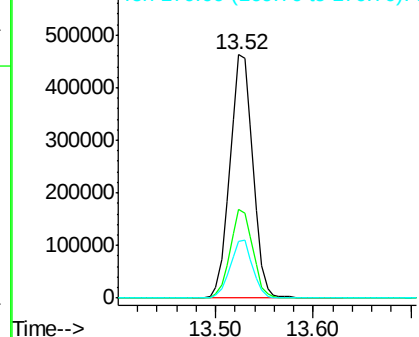


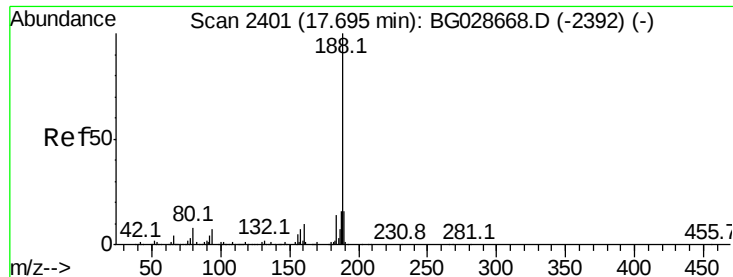
Abundance

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: BG028875.D

Acq: 22 Sep 2017 2:22

Instrument :

BNA_G

ClientSampleId :

SP-COMP

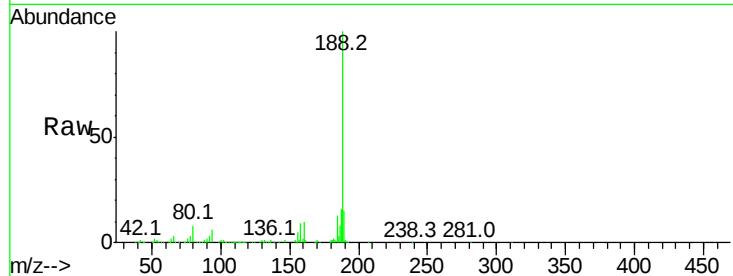
Tot Ion:188 Resp: 263294

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

80 8.1 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

200000

150000

100000

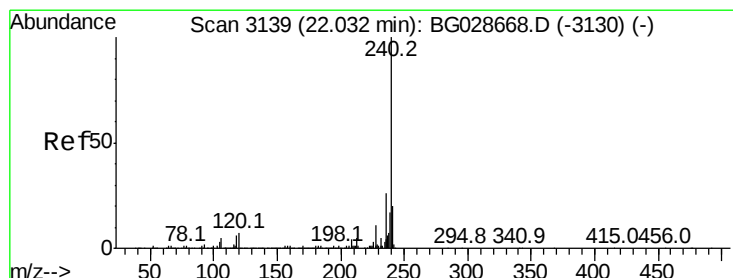
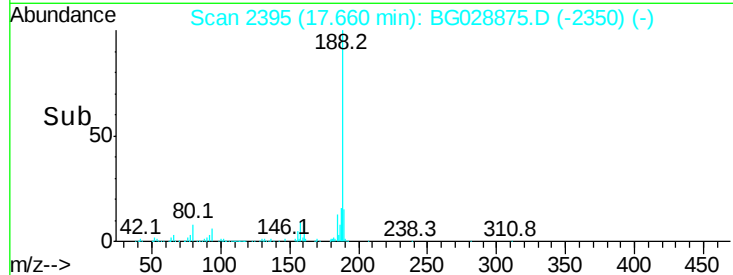
50000

0

17.66

17.60 17.65 17.70 17.75

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028875.D

Acq: 22 Sep 2017 2:22

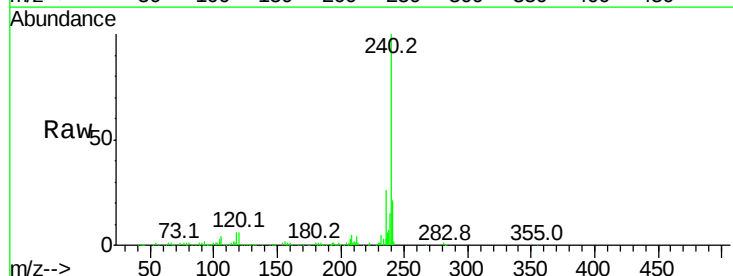
Tgt Ion:240 Resp: 277988

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

236 25.9 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

150000

100000

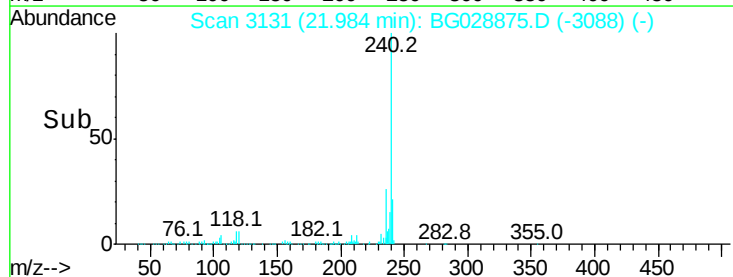
50000

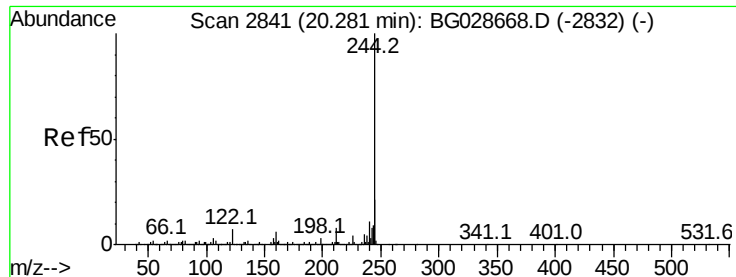
0

21.98

22.00 22.20

Time-->





#78

Terphenyl-d14

Concen: 111.775 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028875.D

Acq: 22 Sep 2017 2:22

Instrument :

BNA_G

ClientSampleId :

SP-COMP

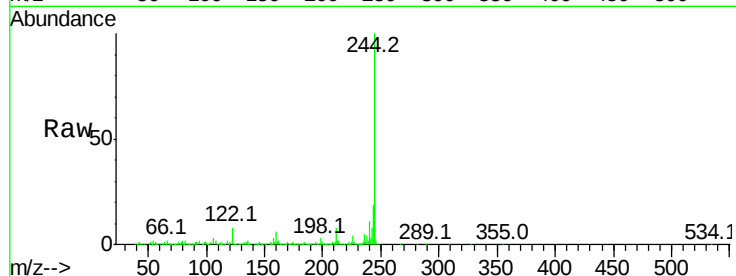
Tot Ion:244 Resp: 1457030

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

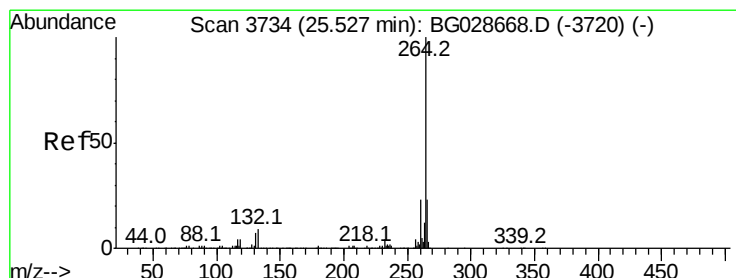
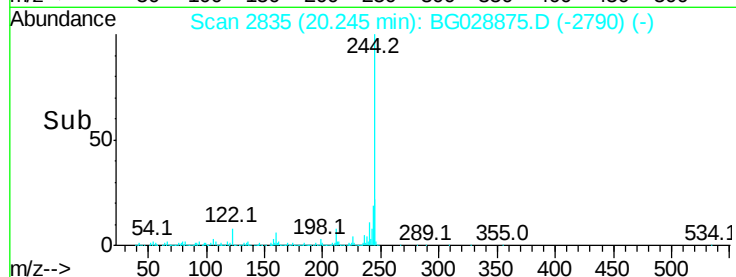
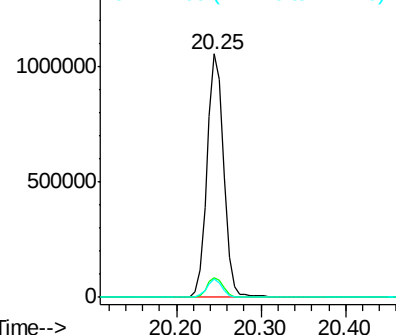
122 7.5 8.6 12.8#



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: BG028875.D

Acq: 22 Sep 2017 2:22

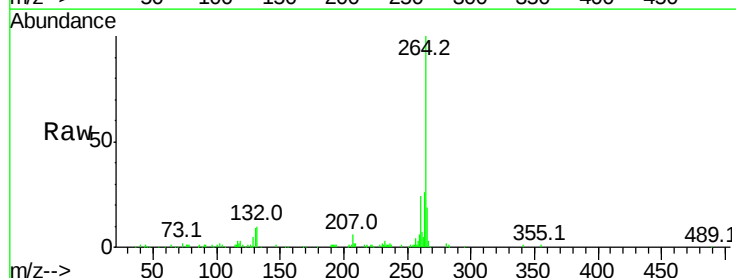
Tgt Ion:264 Resp: 197409

Ion Ratio Lower Upper

264 100

260 24.5 21.8 32.8

265 19.1 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

