

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028815.D
 Acq On : 19 Sep 2017 4:22
 Operator : SJ/JU
 Sample : I5252-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-COMP

Quant Time: Sep 19 06:38:08 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	30950	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	129284	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	95128	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	294462	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	328842	20.00	ng	-0.05
86) Perylene-d12	25.45	264	279497	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	271326	144.65	ng	-0.04
7) Phenol-d6	7.44	99	329965	116.84	ng	-0.05
23) Nitrobenzene-d5	9.46	82	250350	92.63	ng	-0.04
41) 2,4,6-Tribromophenol	16.40	330	259091	164.67	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	653360	91.58	ng	-0.04
78) Terphenyl-d14	20.24	244	1369222	88.80	ng	-0.04

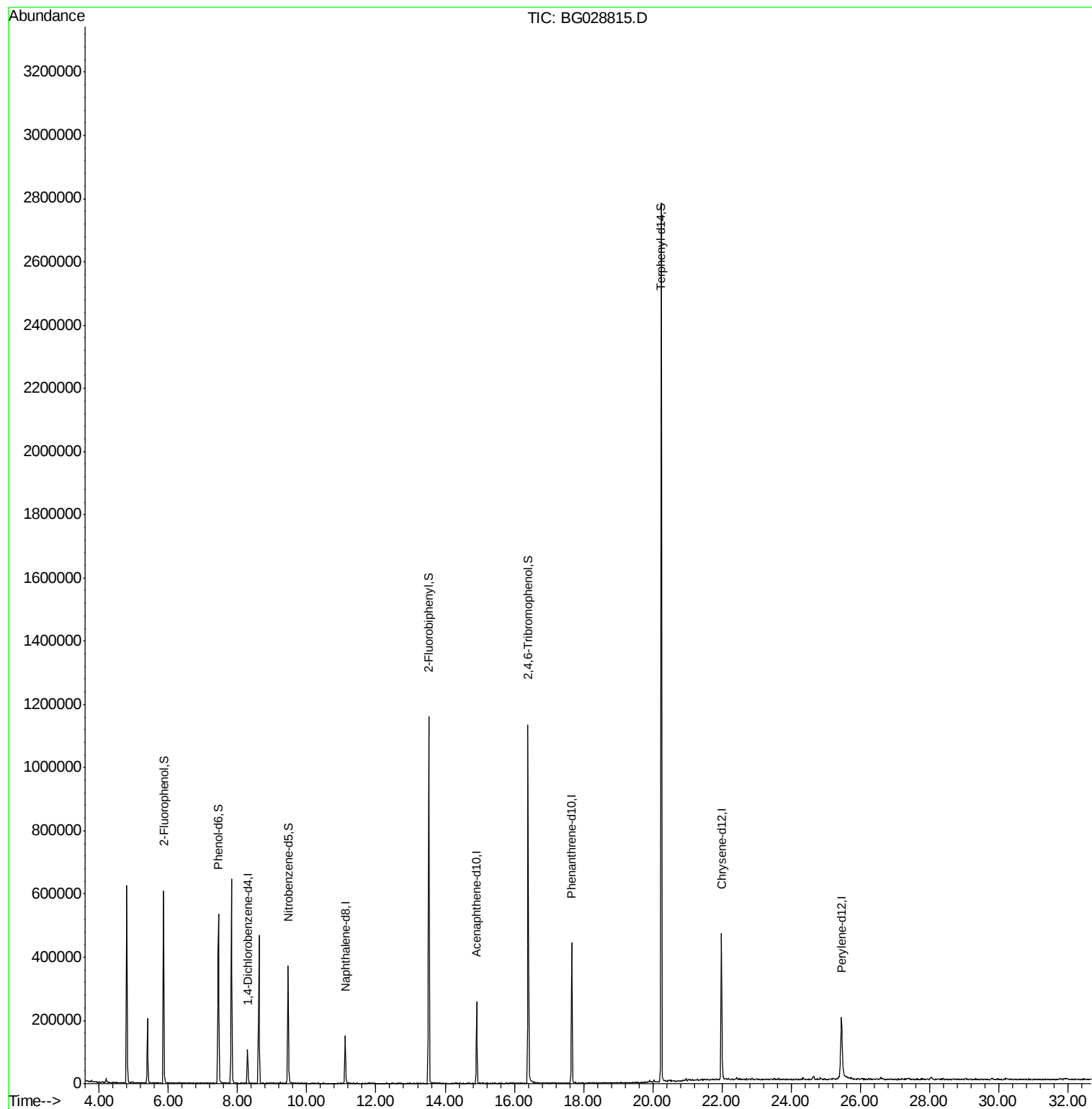
Target Compounds Qvalue

(#) = 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: BG028815.D

Acq: 19 Sep 2017 4:22

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ClientSampleId :

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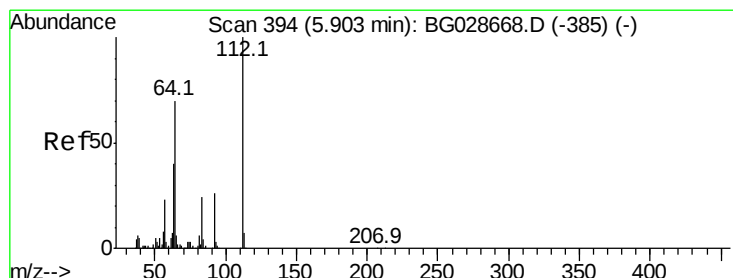
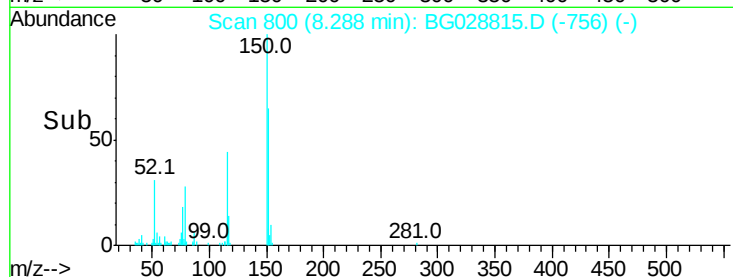
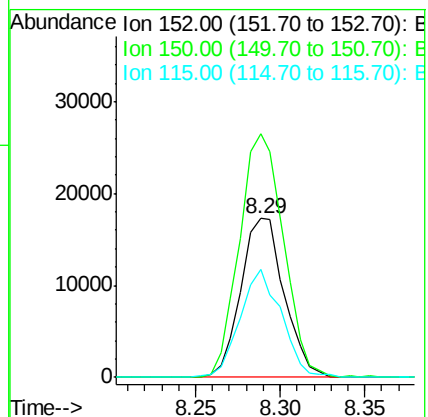
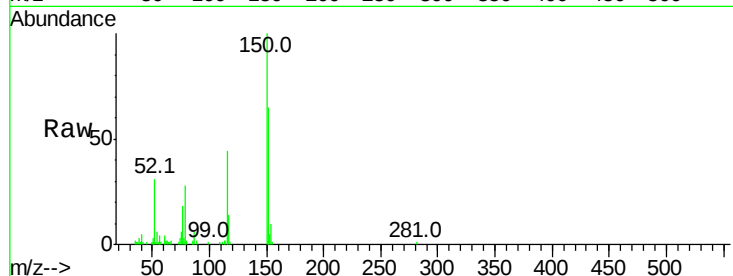
Tot Ion:152 Resp: 30950

Ion Ratio Lower Upper

152 100

150 153.6 114.0 171.0

115 67.7 48.1 72.1



#5

2-Fluorophenol

Concen: 144.653 ng

RT: 5.86 min Scan# 387

Delta R.T. -0.04 min

Lab File: BG028815.D

Acq: 19 Sep 2017 4:22

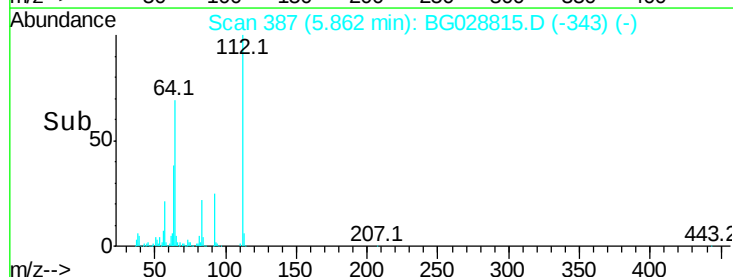
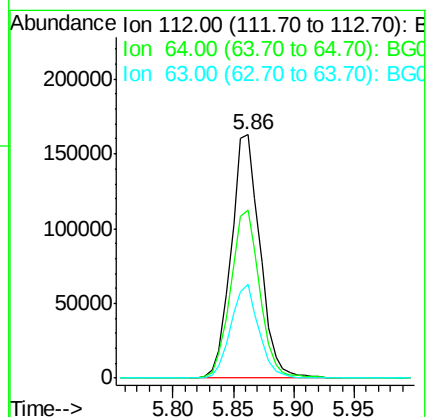
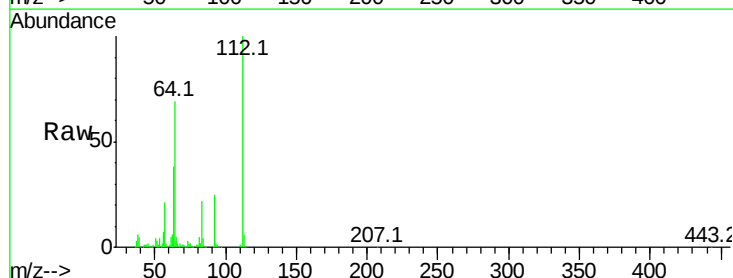
Tgt Ion:112 Resp: 271326

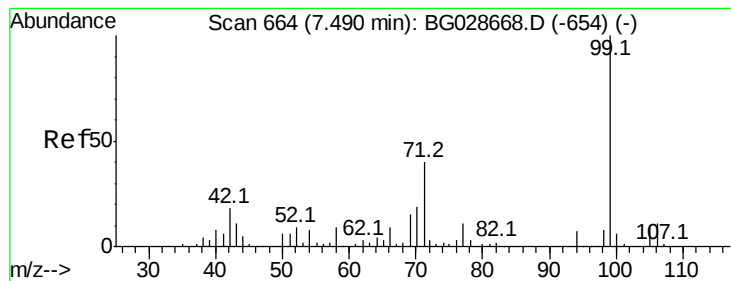
Ion Ratio Lower Upper

112 100

64 69.0 61.8 92.6

63 38.4 37.2 55.8





#7

Phenol-d6

Concen: 116.839 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028815.D

Acq: 19 Sep 2017 4:22

Instrument :

BNA_G

ClientSampleId :

TP-1-COMP

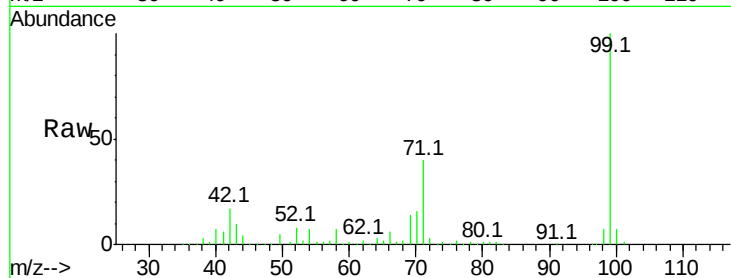
Tot Ion: 99 Resp: 329965

Ion Ratio Lower Upper

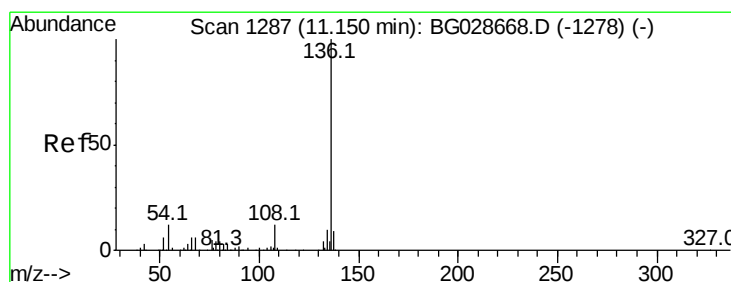
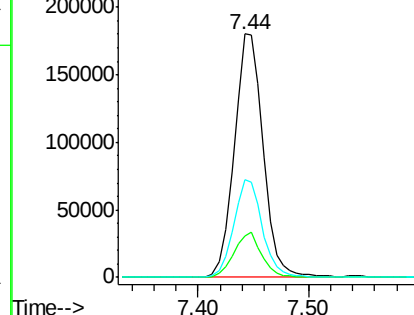
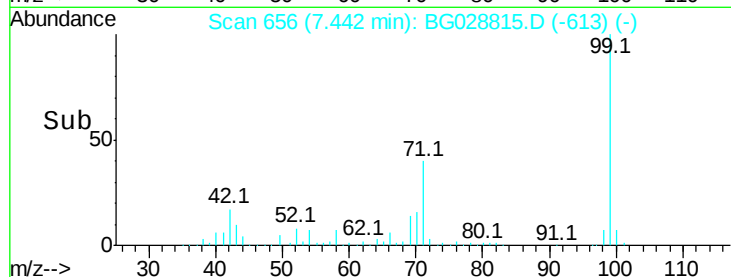
99 100

42 16.9 20.5 30.7#

71 39.9 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: BG028815.D

Acq: 19 Sep 2017 4:22

Tgt Ion: 136 Resp: 129284

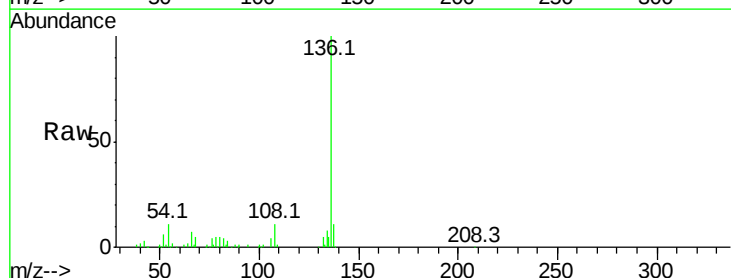
Ion Ratio Lower Upper

136 100

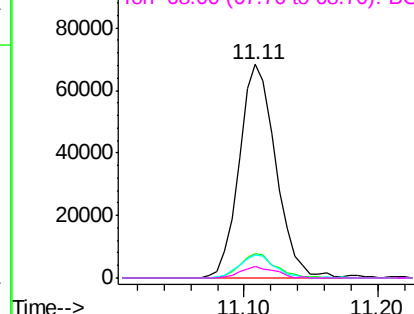
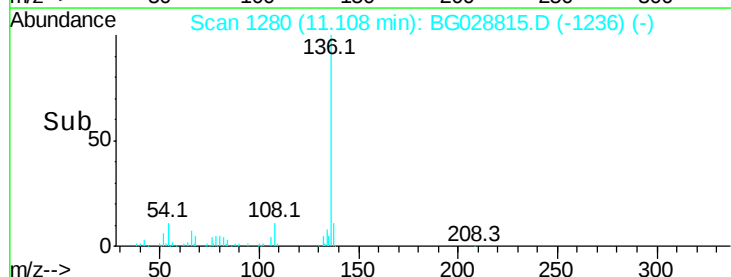
137 11.5 8.9 13.3

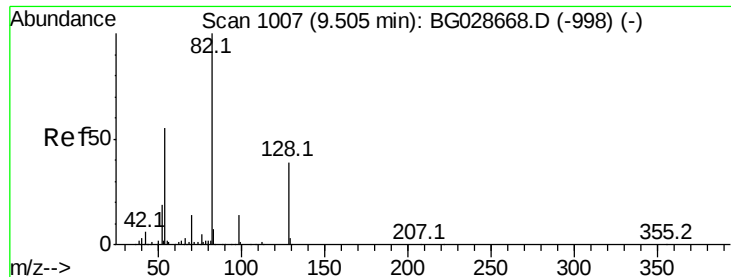
54 11.1 9.3 13.9

68 5.2 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

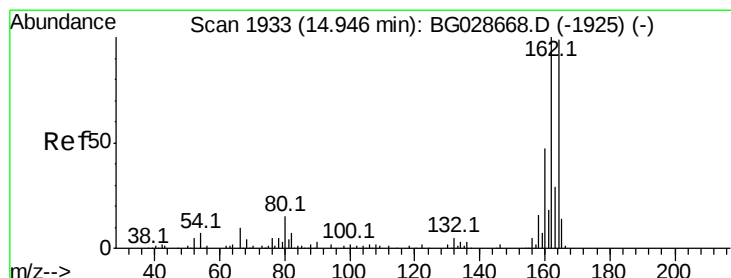
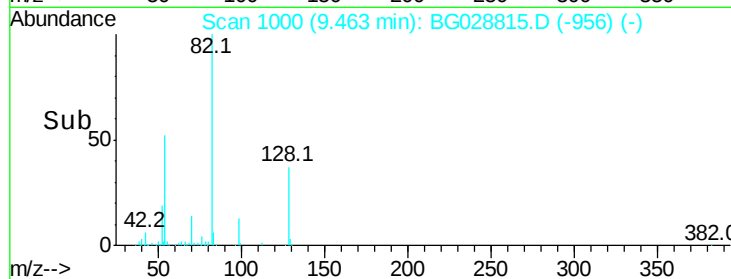
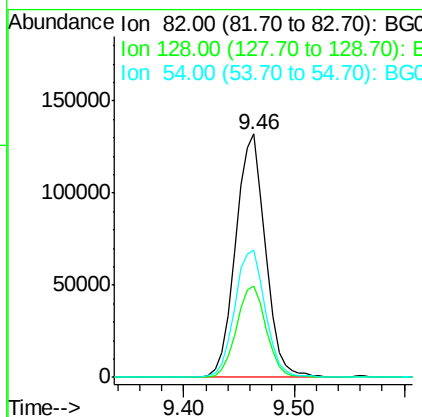
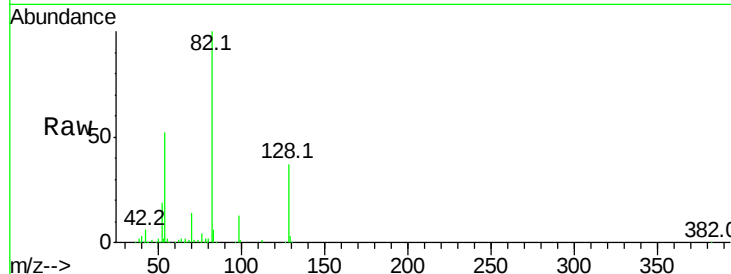




#23
 Nitrobenzene-d5
 Concen: 92.634 ng
 RT: 9.46 min Scan# 1000
 Delta R.T. -0.04 min
 Lab File: BG028815.D
 Acq: 19 Sep 2017 4:22

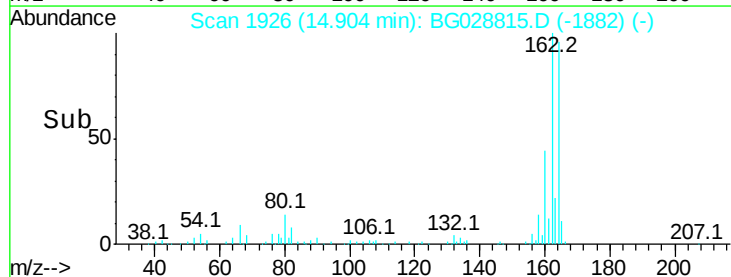
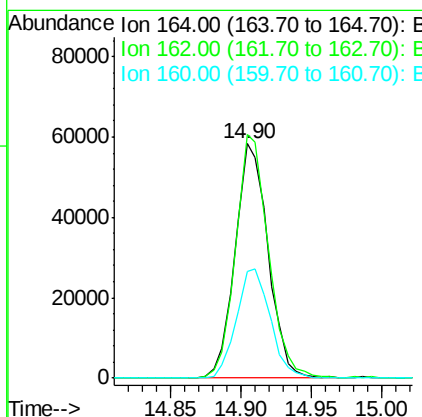
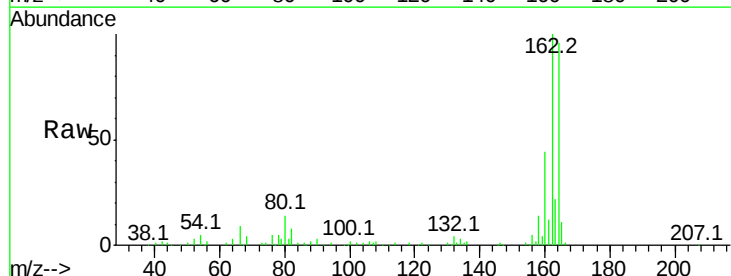
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-COMP

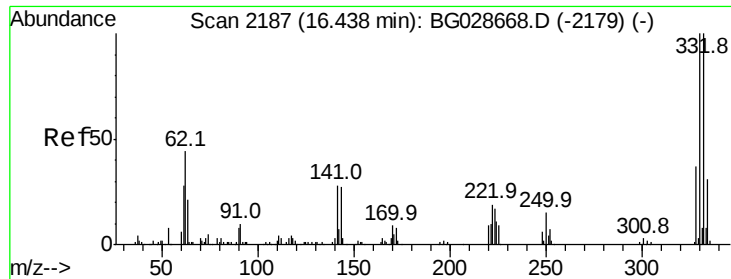
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.5	26.4	39.6
54	52.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.90 min Scan# 1926
 Delta R.T. -0.04 min
 Lab File: BG028815.D
 Acq: 19 Sep 2017 4:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	85.1	127.7
160	45.5	34.7	52.1

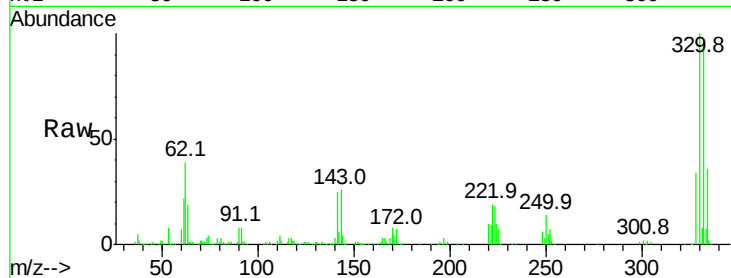




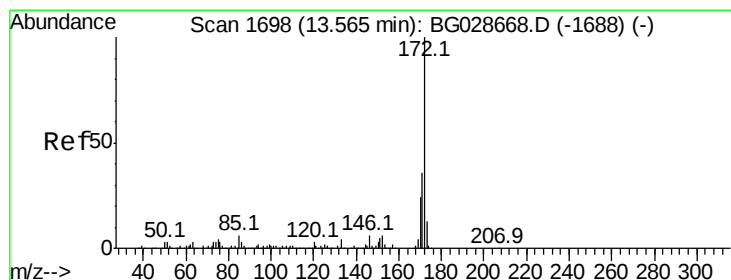
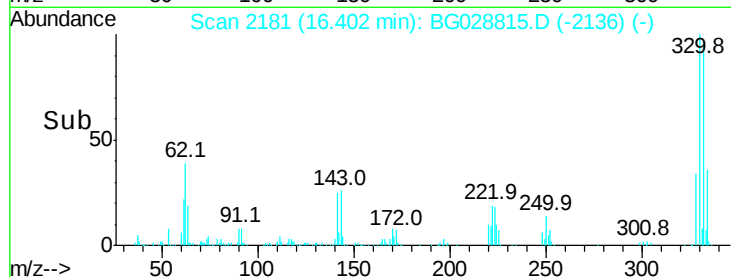
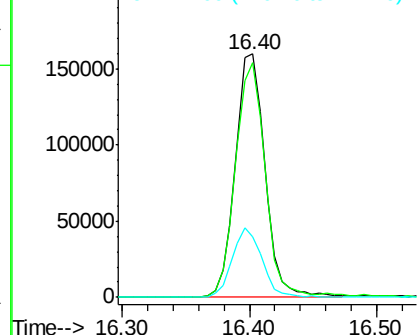
#41
 2,4,6-Tribromophenol
 Concen: 164.674 ng
 RT: 16.40 min Scan# 2181
 Delta R.T. -0.04 min
 Lab File: BG028815.D
 Acq: 19 Sep 2017 4:22

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-COMP

Tot Ion:330 Resp: 259091
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.3 115.9
 141 28.8 32.1 48.1#

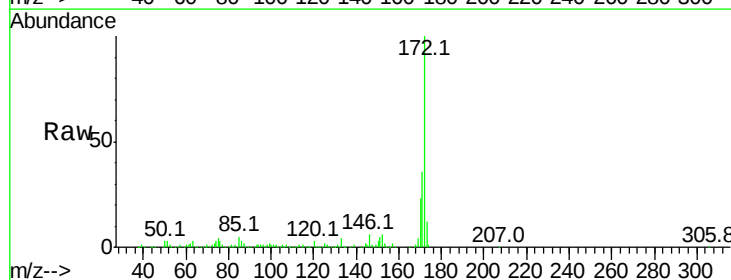


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

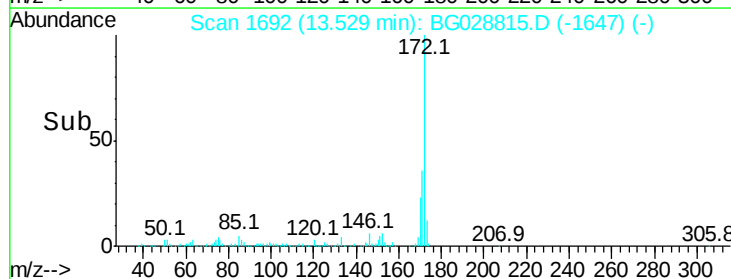
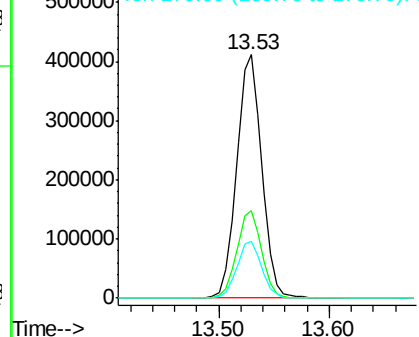


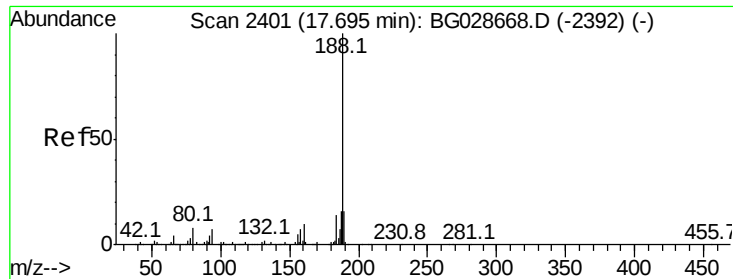
#44
 2-Fluorobiphenyl
 Concen: 91.582 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028815.D
 Acq: 19 Sep 2017 4:22

Tgt Ion:172 Resp: 653360
 Ion Ratio Lower Upper
 172 100
 171 35.9 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: BG028815.D

Acq: 19 Sep 2017 4:22

Instrument :

BNA_G

ClientSampleId :

TP-1-COMP

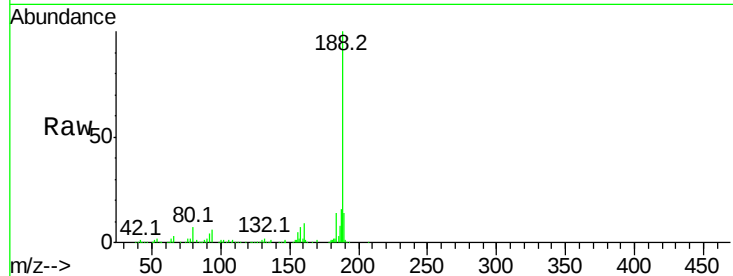
Tot Ion:188 Resp: 294462

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

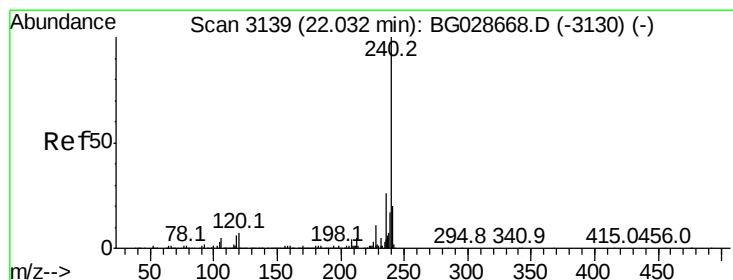
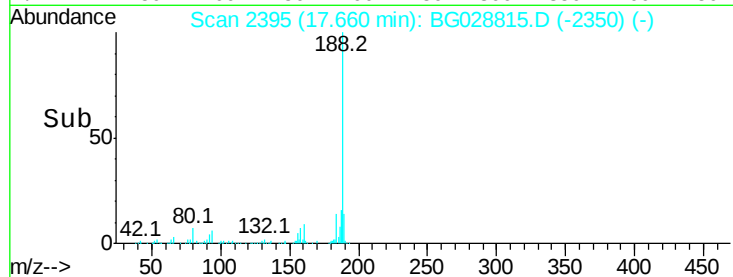
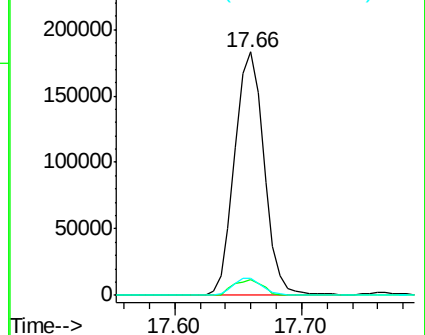
80 7.2 7.5 11.3#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028815.D

Acq: 19 Sep 2017 4:22

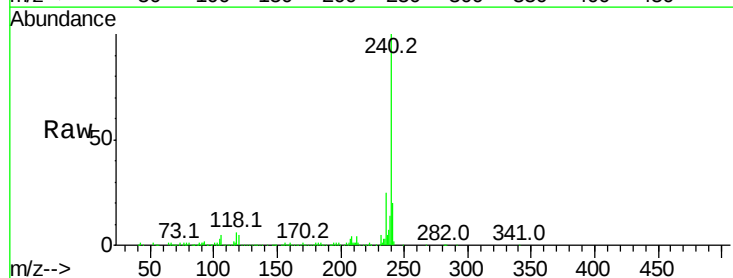
Tgt Ion:240 Resp: 328842

Ion Ratio Lower Upper

240 100

120 5.1 5.7 8.5#

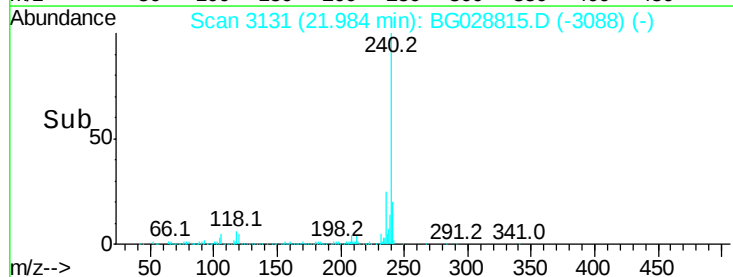
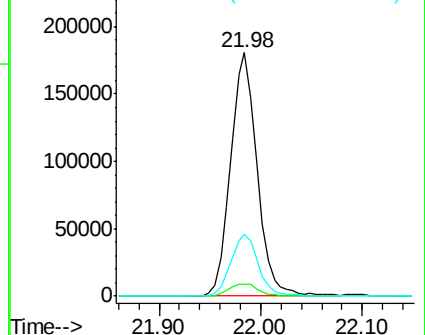
236 25.2 22.2 33.4

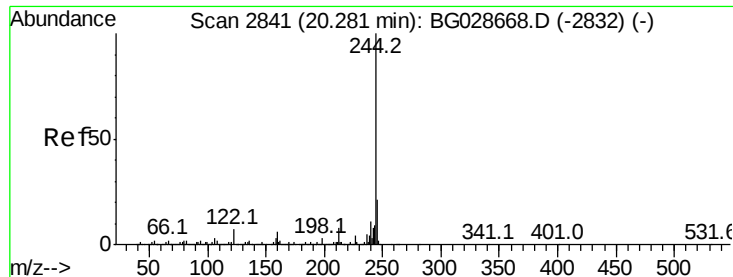


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.795 ng

RT: 20.24 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028815.D

Acq: 19 Sep 2017 4:22

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ClientSampleId :

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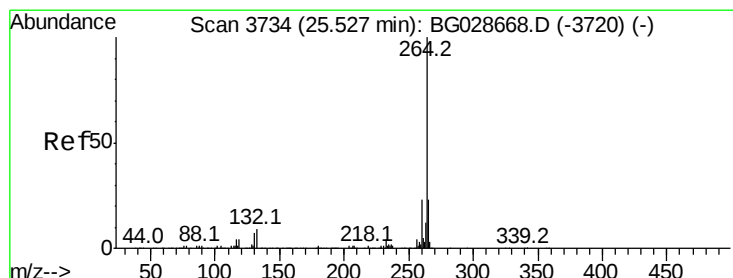
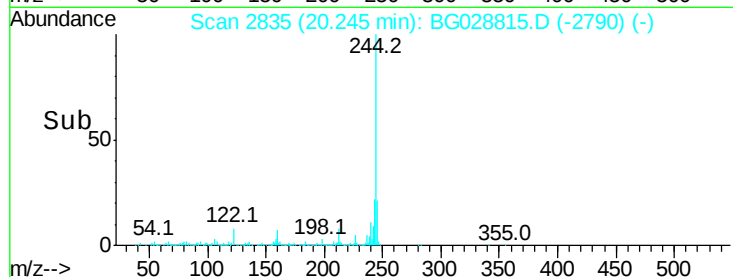
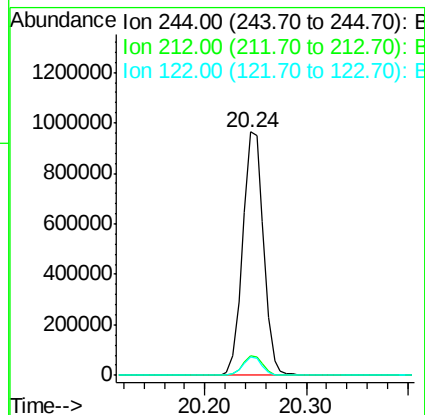
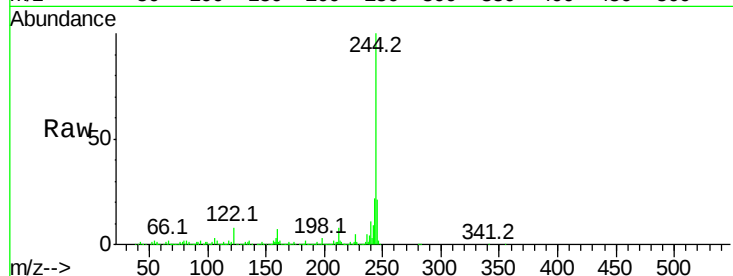
Tot Ion:244 Resp: 1369222

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

122 7.8 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: BG028815.D

Acq: 19 Sep 2017 4:22

Tgt Ion:264 Resp: 279497

Ion Ratio Lower Upper

264 100

260 22.6 21.8 32.8

265 21.8 18.2 27.4

