

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028805.D
 Acq On : 18 Sep 2017 21:39
 Operator : SJ/JU
 Sample : I5259-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170603-COMP-D

Quant Time: Sep 19 04:03:33 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	30358	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	124097	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	96342	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	269974	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	297412	20.00	ng	-0.05
86) Perylene-d12	25.45	264	311249	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	122797	66.74	ng	-0.04
7) Phenol-d6	7.44	99	122816	44.34	ng	-0.05
23) Nitrobenzene-d5	9.46	82	238226	91.83	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	249056	156.30	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	633764	87.72	ng	-0.04
78) Terphenyl-d14	20.25	244	1185540	85.01	ng	-0.03

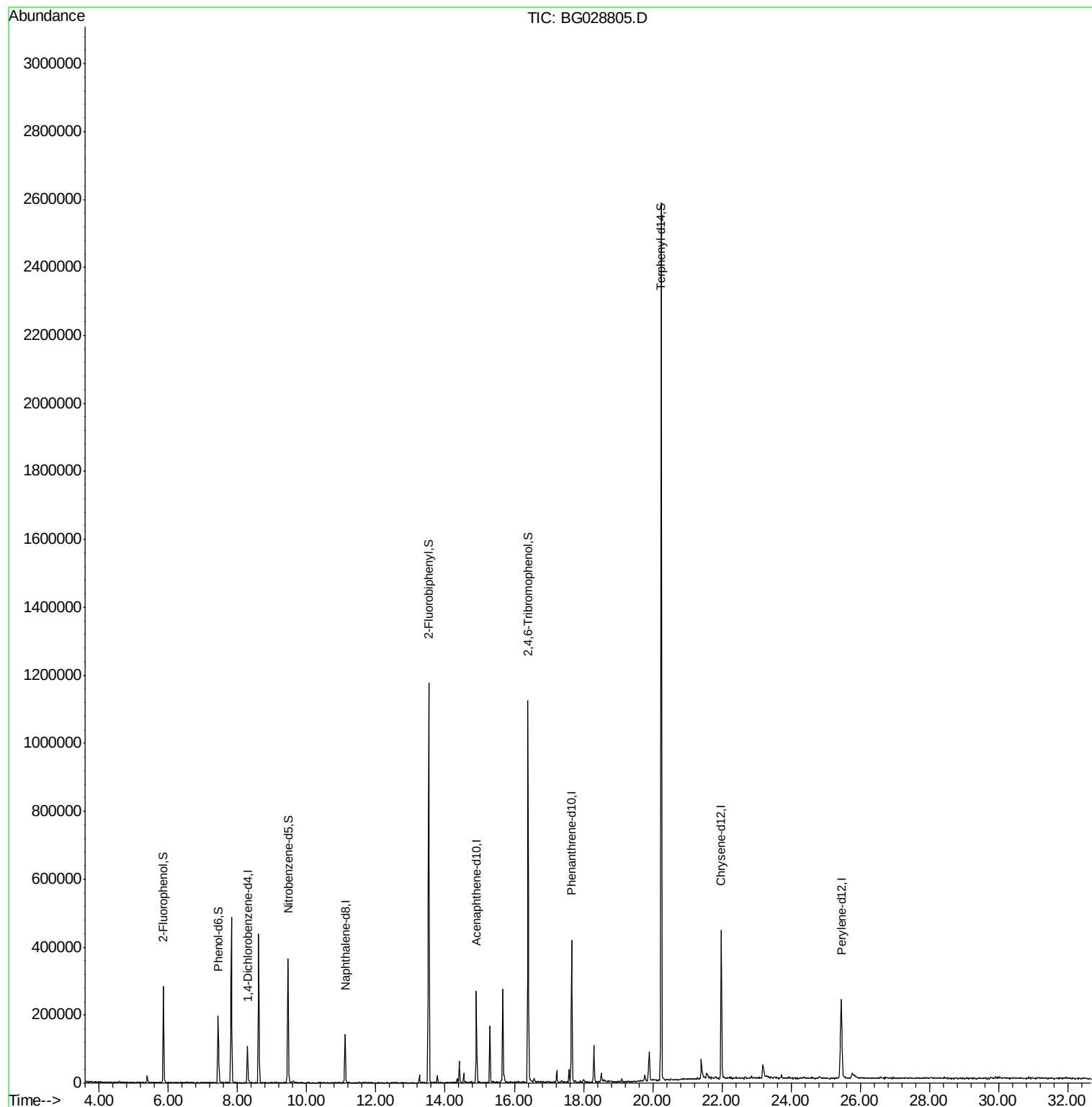
Target Compounds Qvalue

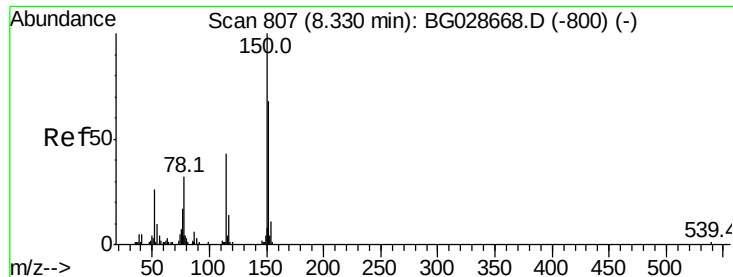
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG028805.D

Acq: 18 Sep 2017 21:39

Instrument :

BNA_G

ClientSampleId :

20170603-COMP-D

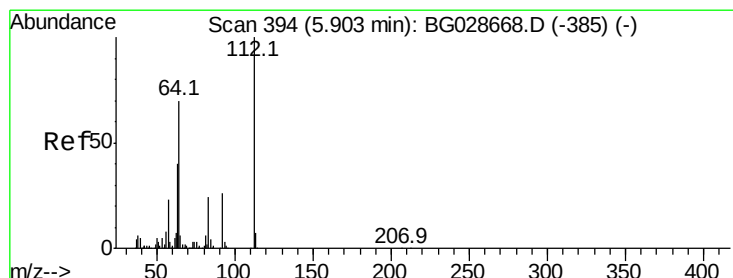
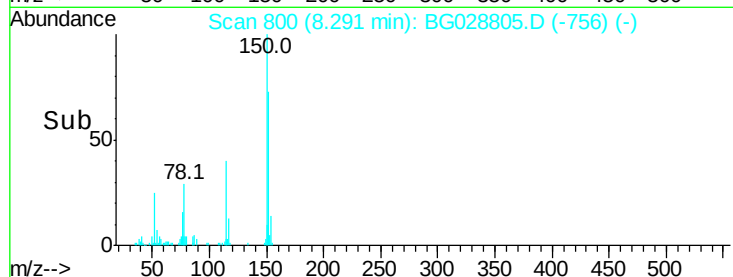
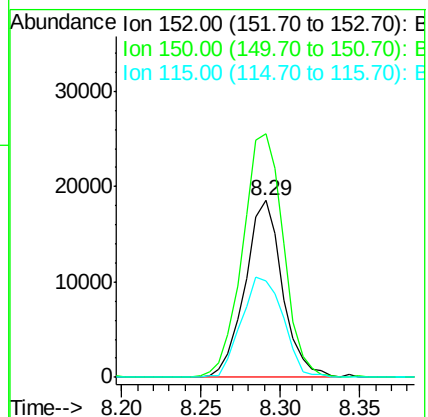
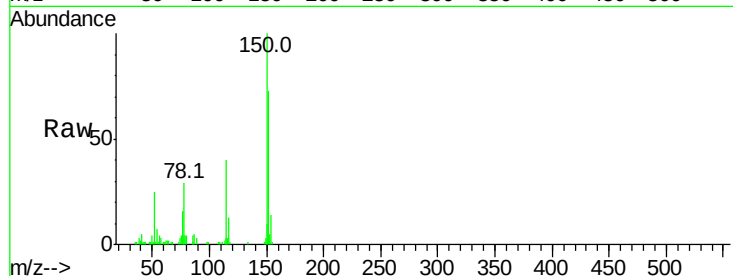
Tot Ion:152 Resp: 30358

Ion Ratio Lower Upper

152 100

150 137.9 114.0 171.0

115 54.5 48.1 72.1



#5

2-Fluorophenol

Concen: 66.744 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.04 min

Lab File: BG028805.D

Acq: 18 Sep 2017 21:39

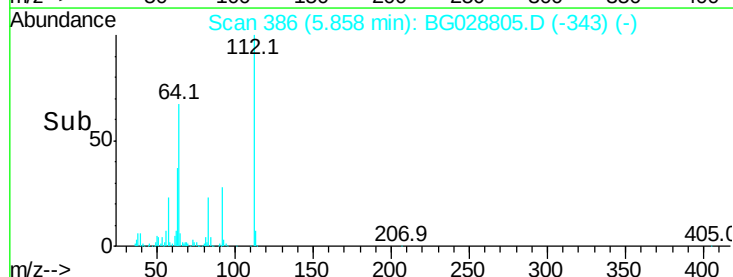
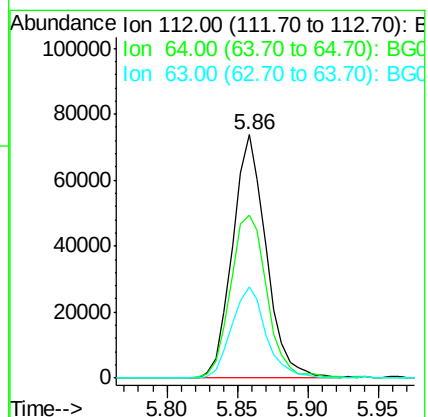
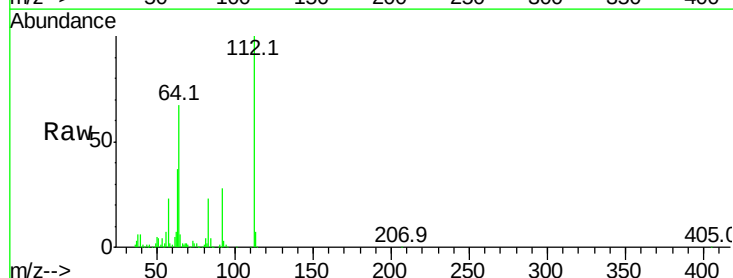
Tgt Ion:112 Resp: 122797

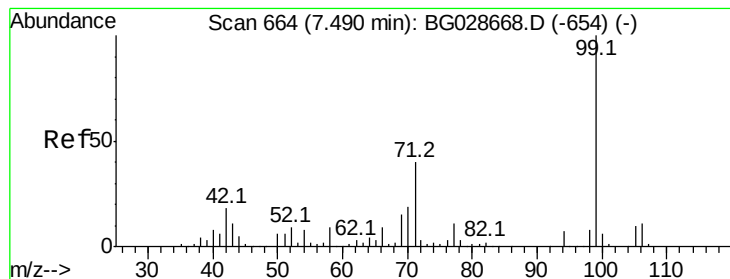
Ion Ratio Lower Upper

112 100

64 66.7 61.8 92.6

63 37.4 37.2 55.8





#7

Phenol-d6

Concen: 44.337 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028805.D

Acq: 18 Sep 2017 21:39

Instrument :

BNA_G

ClientSampleId :

20170603-COMP-D

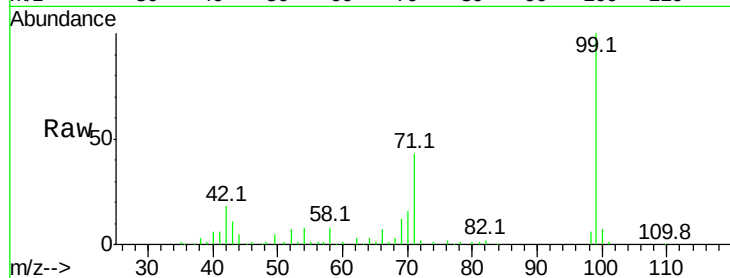
Tot Ion: 99 Resp: 122816

Ion Ratio Lower Upper

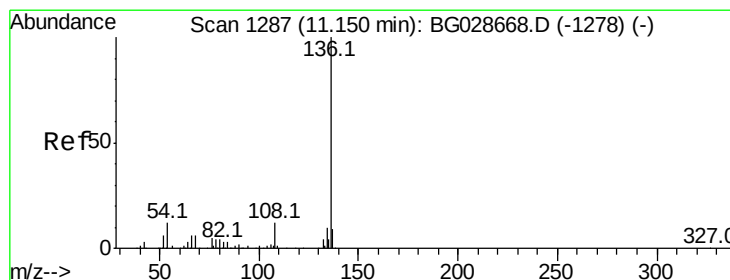
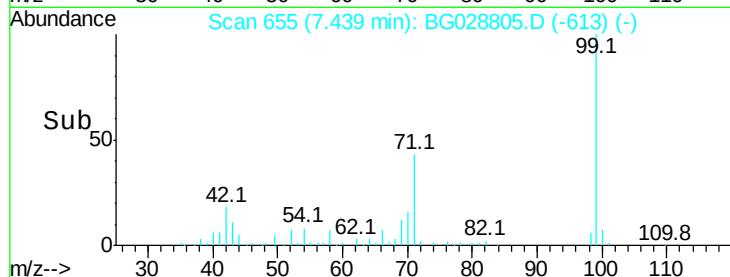
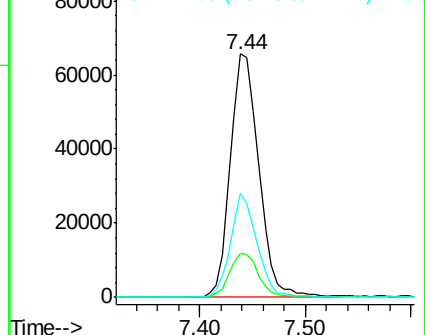
99 100

42 18.1 20.5 30.7#

71 42.5 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: BG028805.D

Acq: 18 Sep 2017 21:39

Tgt Ion: 136 Resp: 124097

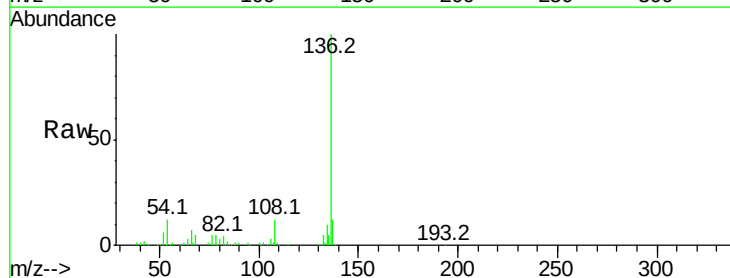
Ion Ratio Lower Upper

136 100

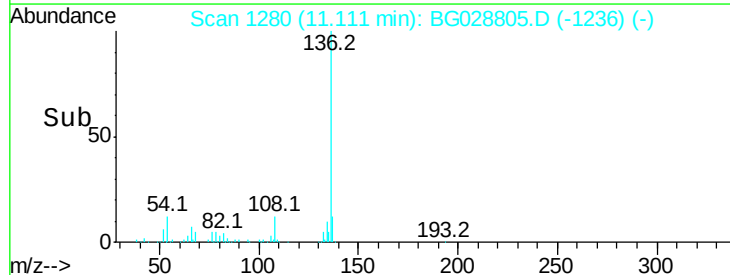
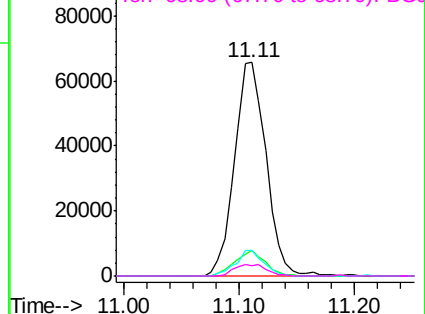
137 11.7 8.9 13.3

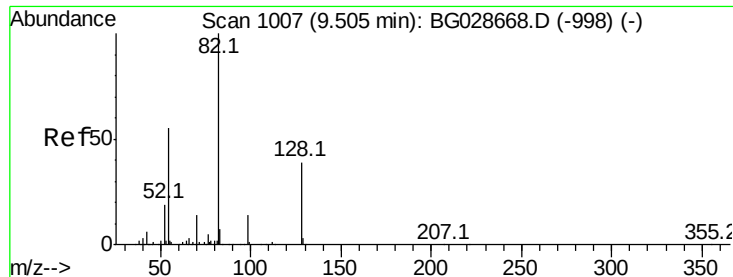
54 12.1 9.3 13.9

68 5.0 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

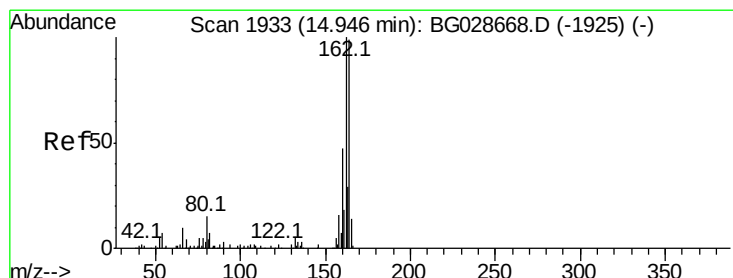
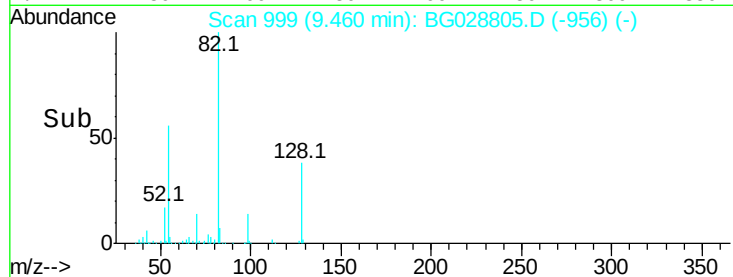
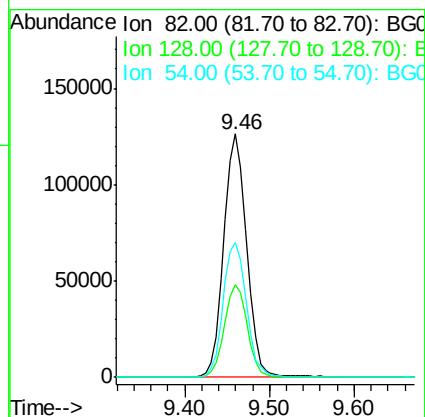
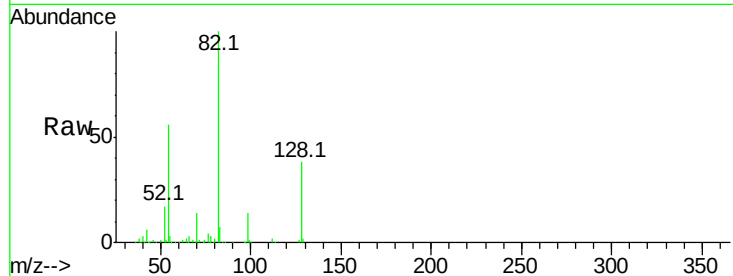




#23
 Nitrobenzene-d5
 Concen: 91.832 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.05 min
 Lab File: BG028805.D
 Acq: 18 Sep 2017 21:39

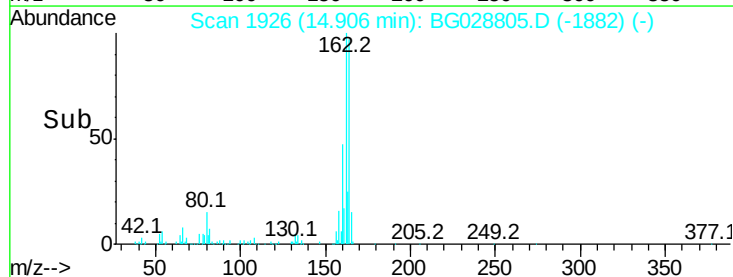
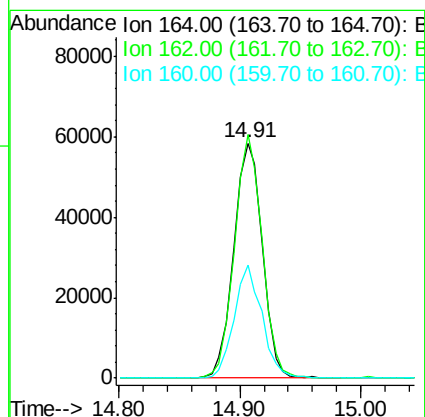
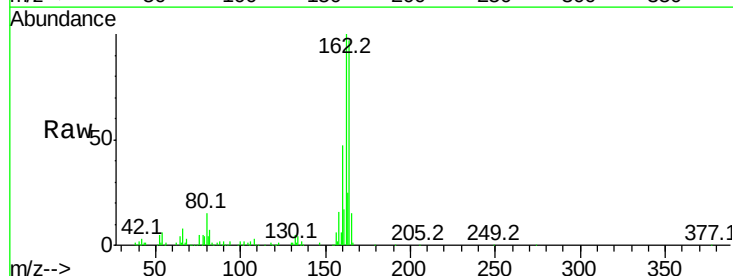
Instrument :
 BNA_G
 ClientSampleId :
 20170603-COMP-D

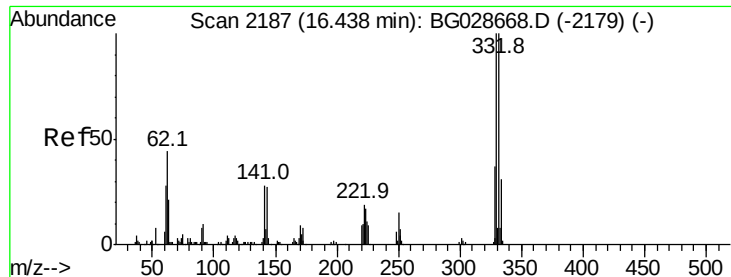
Tot Ion: 82 Resp: 238226
 Ion Ratio Lower Upper
 82 100
 128 38.0 26.4 39.6
 54 55.6 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.91 min Scan# 1926
 Delta R.T. -0.04 min
 Lab File: BG028805.D
 Acq: 18 Sep 2017 21:39

Tgt Ion: 164 Resp: 96342
 Ion Ratio Lower Upper
 164 100
 162 103.5 85.1 127.7
 160 48.3 34.7 52.1

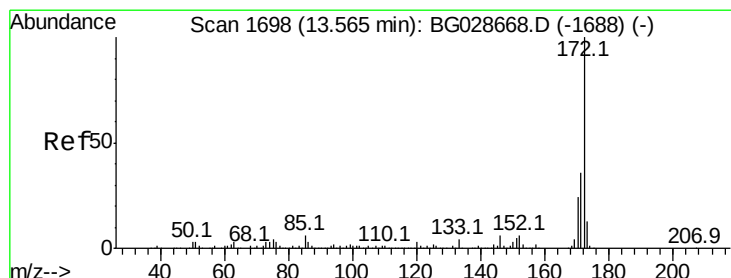
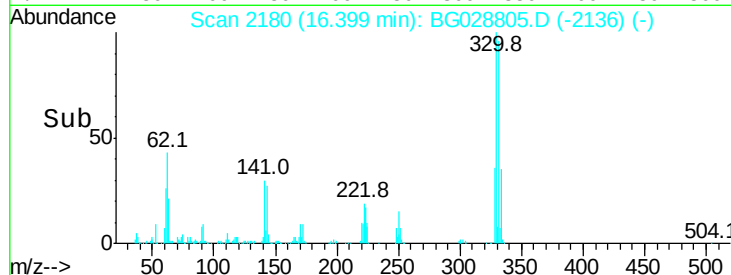
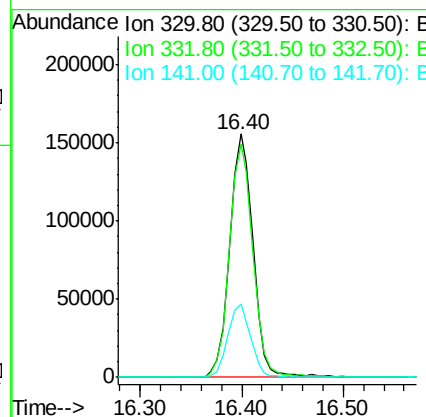
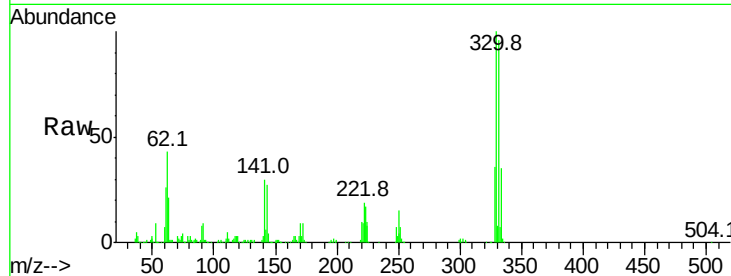




#41
 2,4,6-Tribromophenol
 Concen: 156.301 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028805.D
 Acq: 18 Sep 2017 21:39

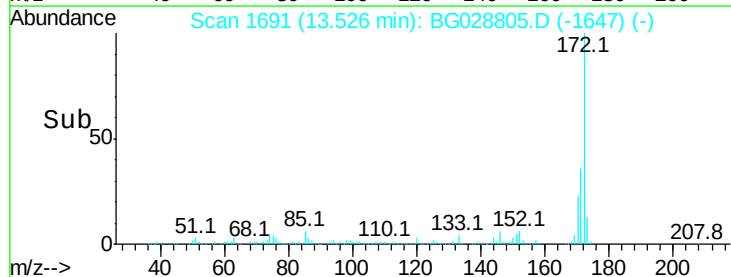
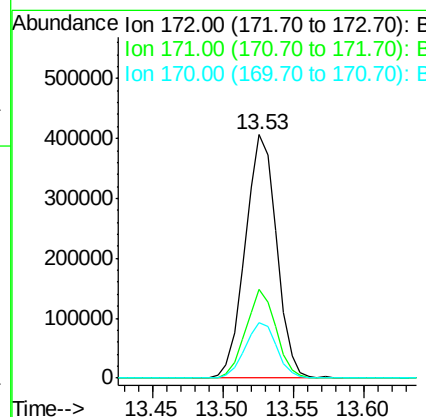
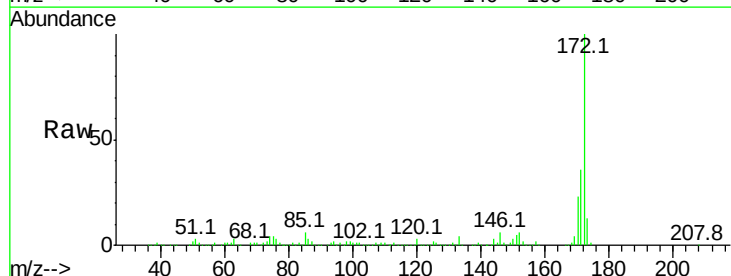
Instrument :
 BNA_G
 ClientSampleId :
 20170603-COMP-D

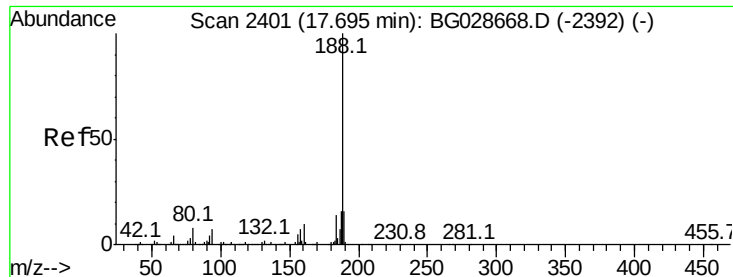
Tot Ion:330 Resp: 249056
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 29.8 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 87.716 ng
 RT: 13.53 min Scan# 1691
 Delta R.T. -0.04 min
 Lab File: BG028805.D
 Acq: 18 Sep 2017 21:39

Tgt Ion:172 Resp: 633764
 Ion Ratio Lower Upper
 172 100
 171 36.3 32.2 48.2
 170 23.0 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: BG028805.D

Acq: 18 Sep 2017 21:39

Instrument :

BNA_G

ClientSampleId :

20170603-COMP-D

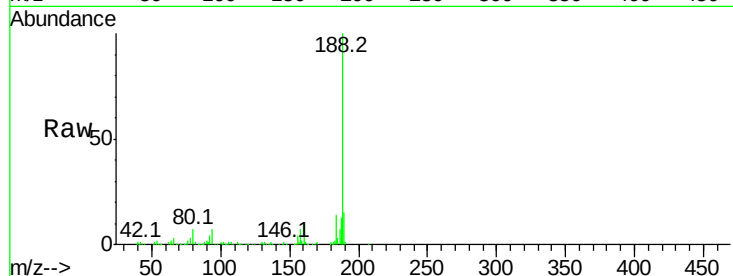
Tot Ion:188 Resp: 269974

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.8

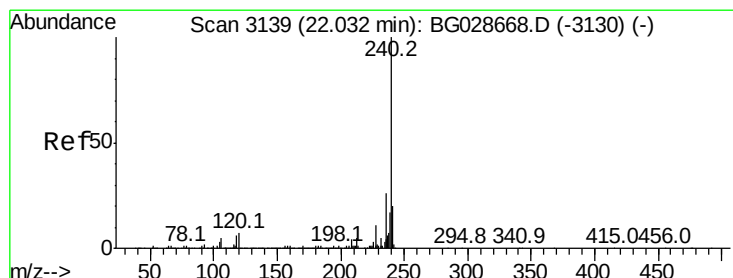
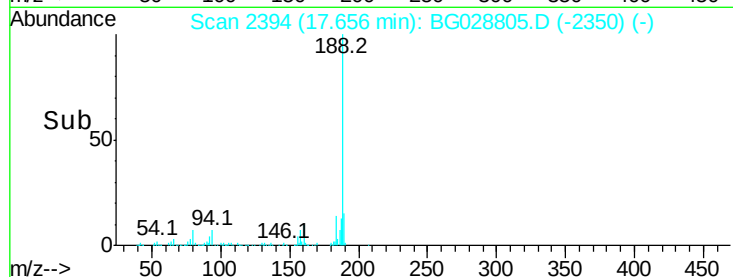
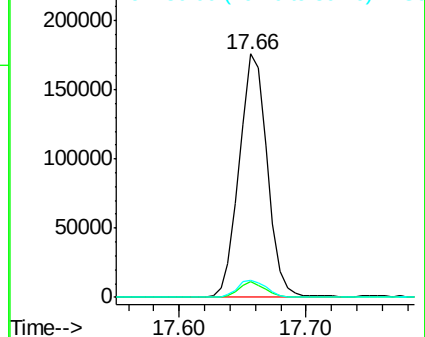
80 7.2 7.5 11.3#



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# 3130

Delta R.T. -0.05 min

Lab File: BG028805.D

Acq: 18 Sep 2017 21:39

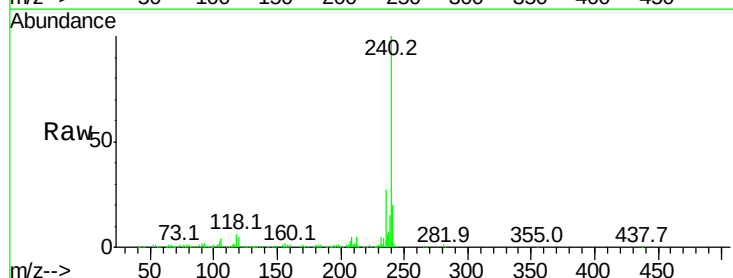
Tgt Ion:240 Resp: 297412

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

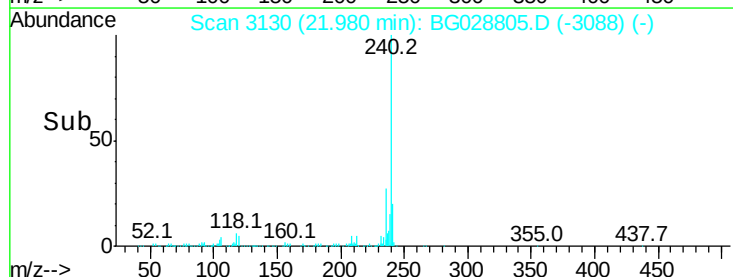
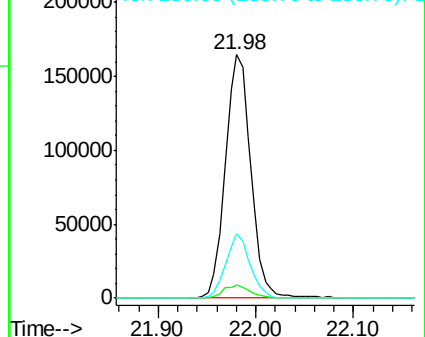
236 26.5 22.2 33.4

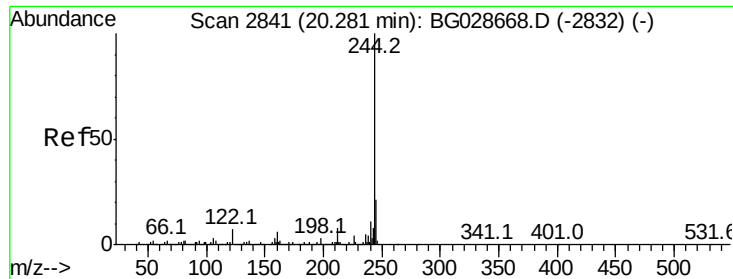


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.008 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG028805.D

Acq: 18 Sep 2017 21:39

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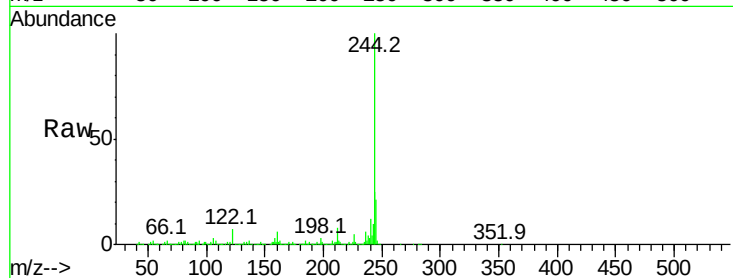
Tot Ion:244 Resp: 1185540

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

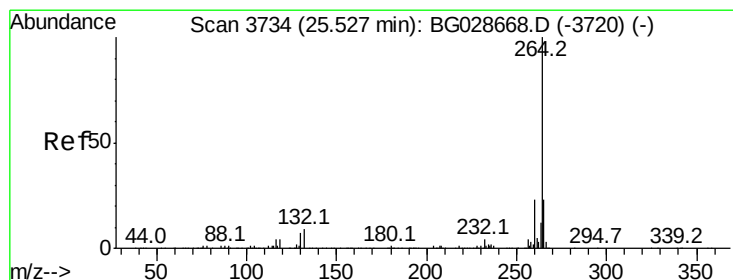
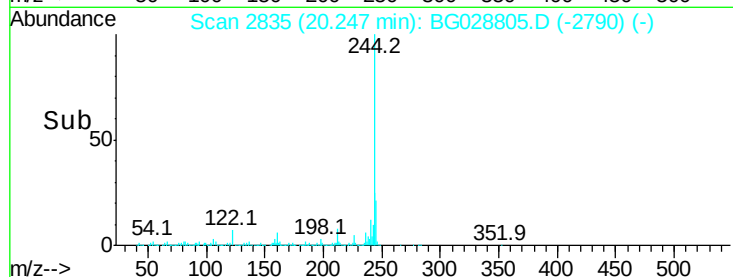
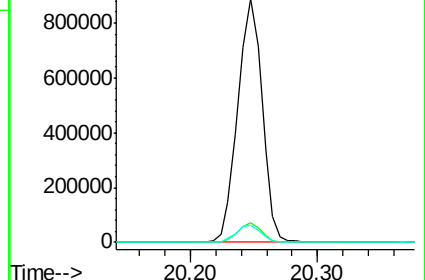
122 7.0 8.6 12.8#



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: 25.45 min Scan# 3720

Delta R.T. -0.08 min

Lab File: BG028805.D

Acq: 18 Sep 2017 21:39

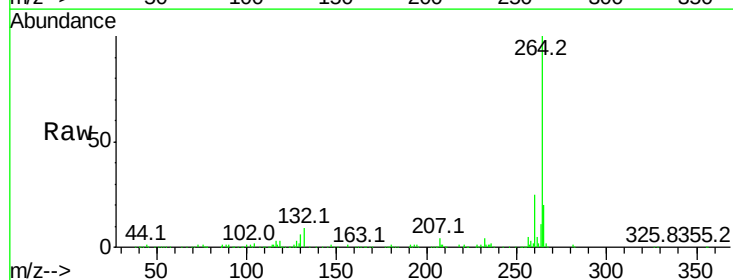
Tgt Ion:264 Resp: 311249

Ion Ratio Lower Upper

264 100

260 24.7 21.8 32.8

265 20.0 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

