

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070816\
 Data File : BF088837.D
 Acq On : 8 Jul 2016 21:23
 Operator : UM/SJ
 Sample : H3813-07MS 50X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 08 23:23:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

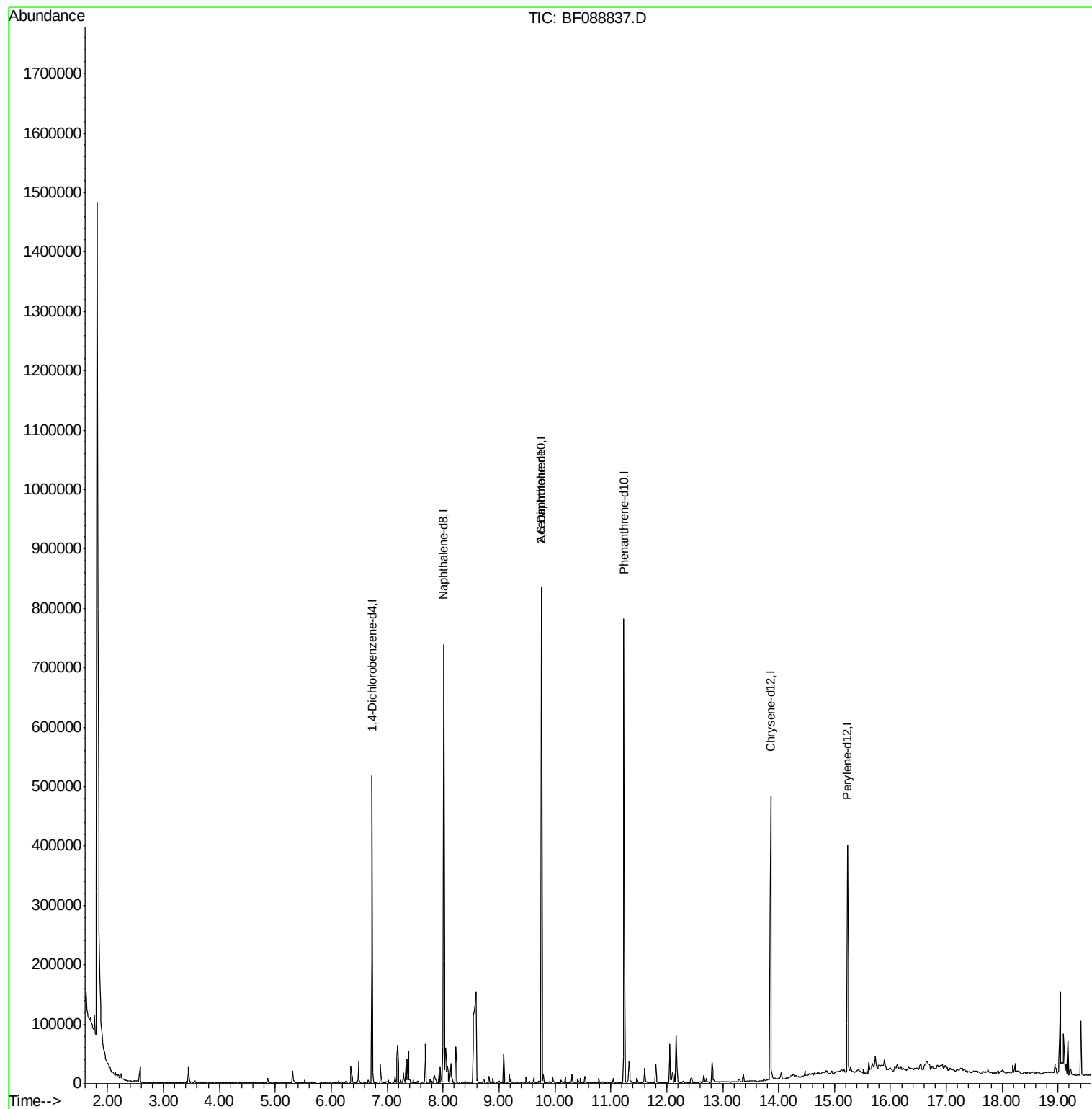
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	84666	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	323838	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	154443	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	285575	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	194057	20.00	ng	-0.01
86) Perylene-d12	15.23	264	167784	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	8591	1.52	ng	-0.01
7) Phenol-d6	6.35	99	12607	1.73	ng	-0.02
23) Nitrobenzene-d5	7.29	82	7578	1.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	2237	1.56	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	15313	1.57	ng	-0.01
78) Terphenyl-d14	12.81	244	13326	1.53	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.76	165	19803	8.12	ng	Qvalue # 39

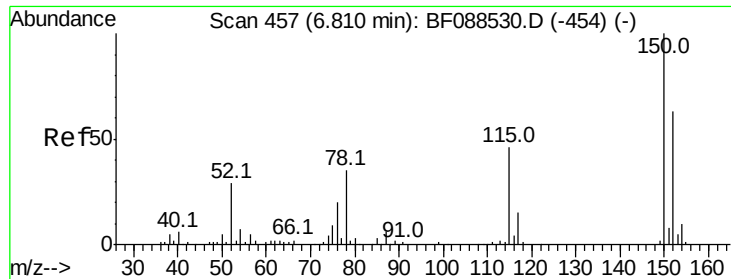
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF088837.D

Acq: 8 Jul 2016 21:23

Instrument :

BNA_F

ClientSampleId :

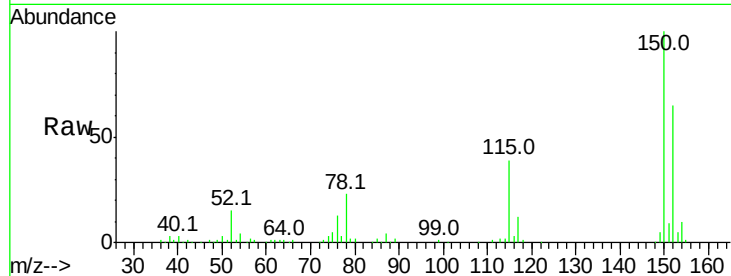
Tot Ion:152 Resp: 84666

Ion Ratio Lower Upper

152 100

150 154.0 123.8 185.6

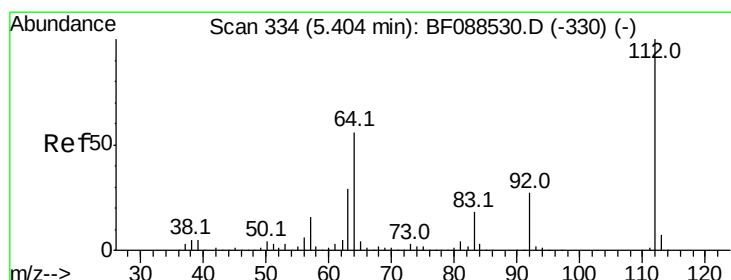
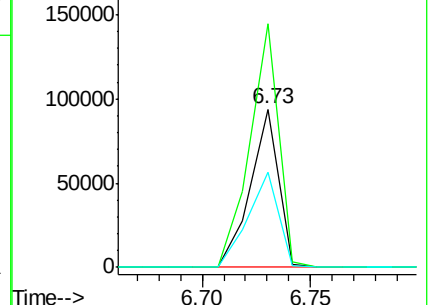
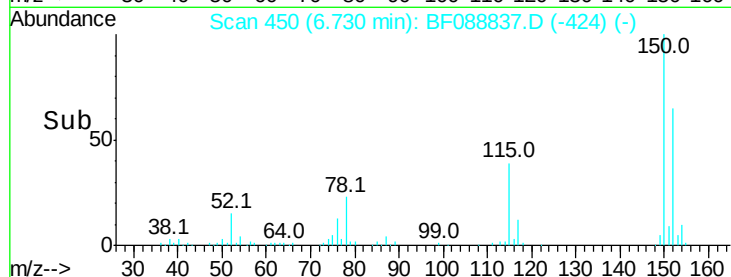
115 59.8 39.6 59.4#



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: 1.52 ng

RT: 5.31 min Scan# 326

Delta R.T. -0.01 min

Lab File: BF088837.D

Acq: 8 Jul 2016 21:23

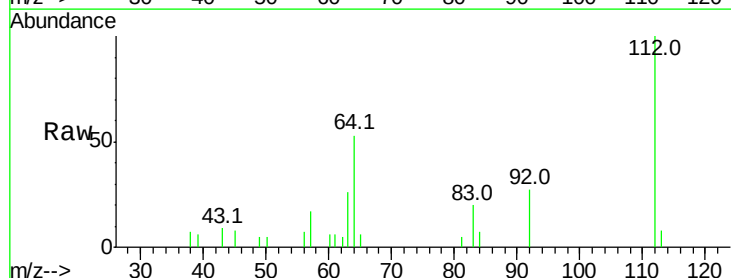
Tgt Ion:112 Resp: 8591

Ion Ratio Lower Upper

112 100

64 52.6 42.2 63.2

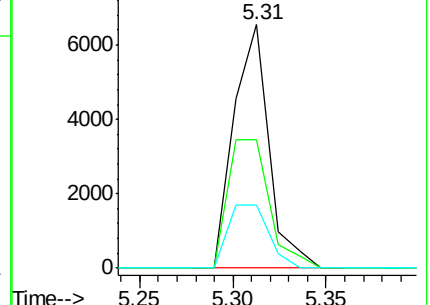
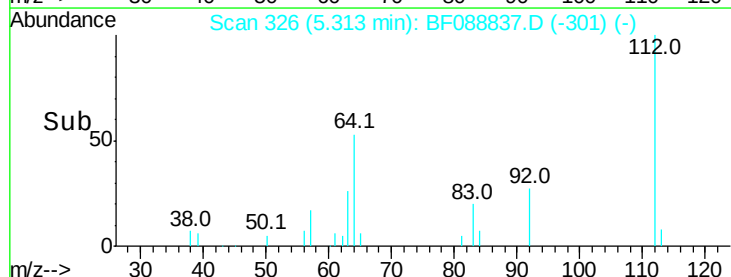
63 25.9 21.8 32.8

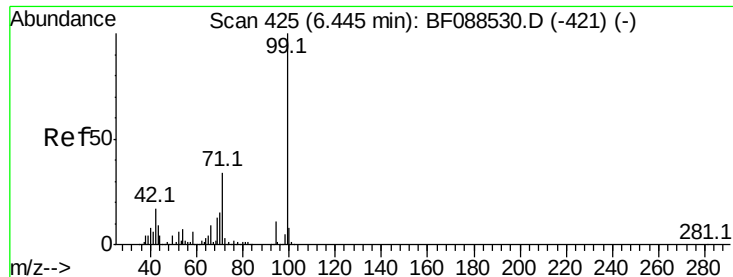


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.73 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF088837.D

Acq: 8 Jul 2016 21:23

Instrument :

BNA_F

ClientSampleId :

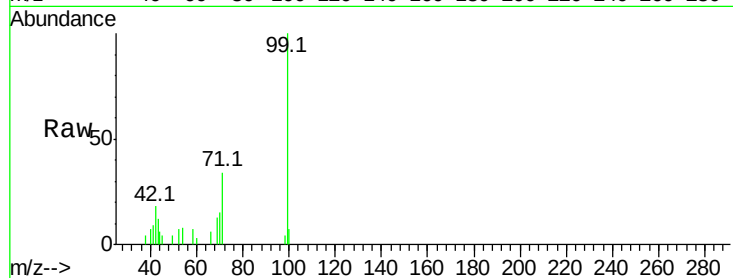
Tot Ion: 99 Resp: 12607

Ion Ratio Lower Upper

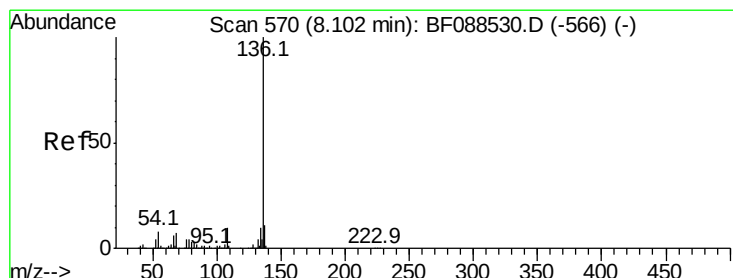
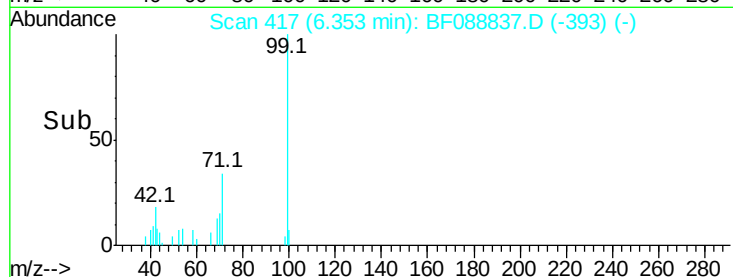
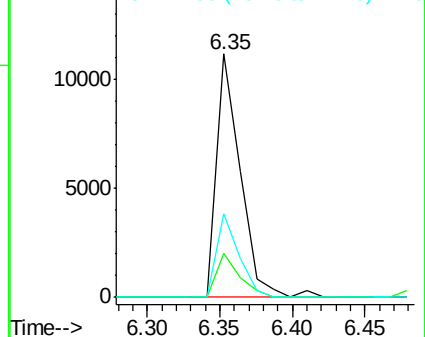
99 100

42 17.9 12.2 18.2

71 34.2 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088837.D

Acq: 8 Jul 2016 21:23

Tgt Ion: 136 Resp: 323838

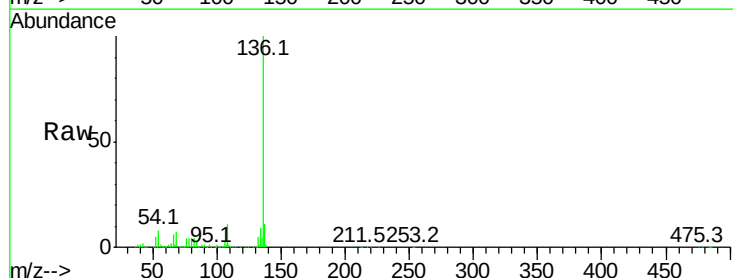
Ion Ratio Lower Upper

136 100

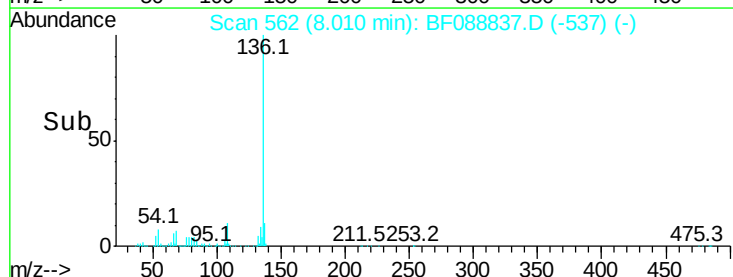
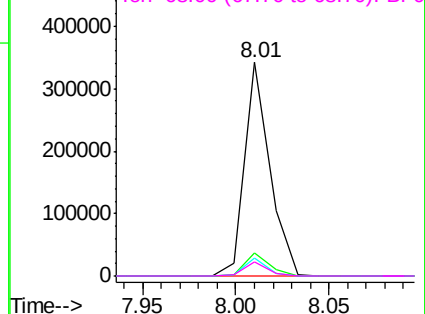
137 11.1 9.1 13.7

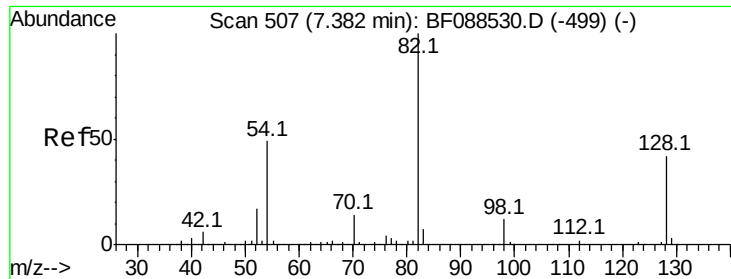
54 8.3 6.6 10.0

68 6.7 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

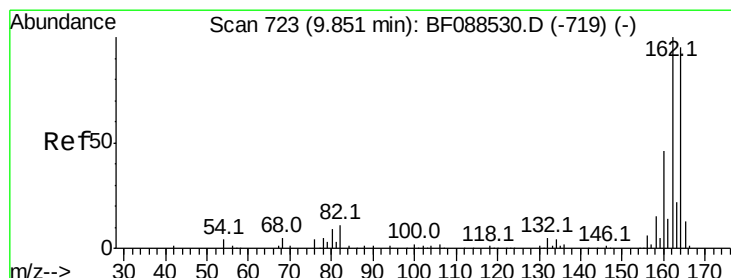
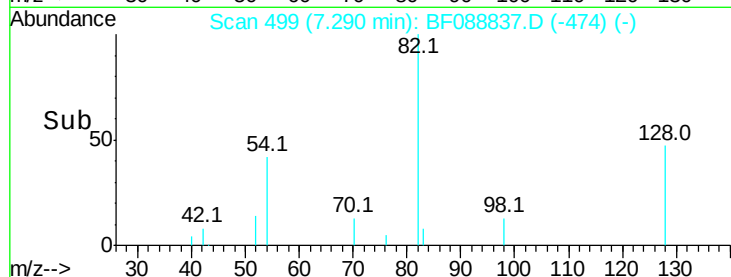
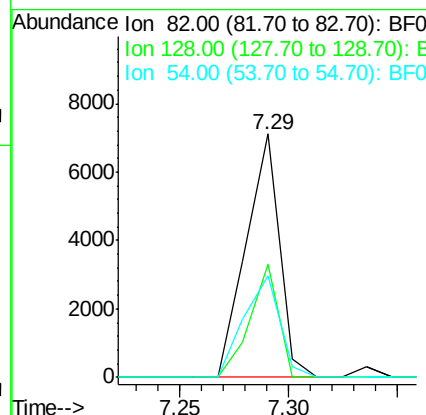
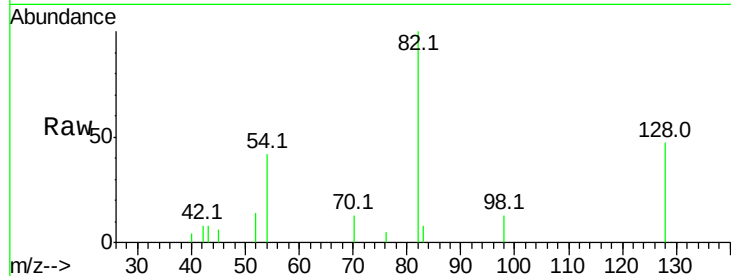




#23
 Nitrobenzene-d5
 Concen: 1.23 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF088837.D
 Acq: 8 Jul 2016 21:23

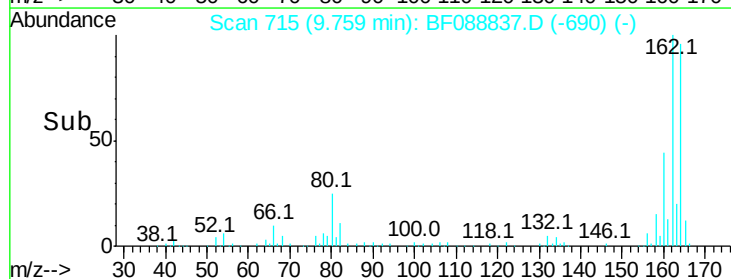
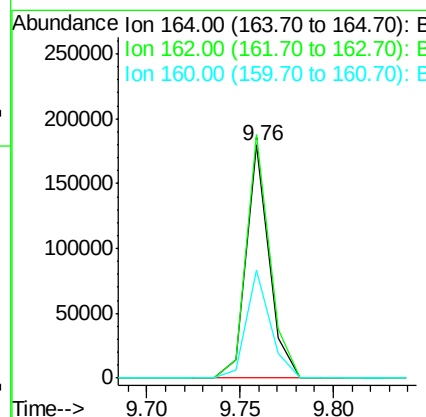
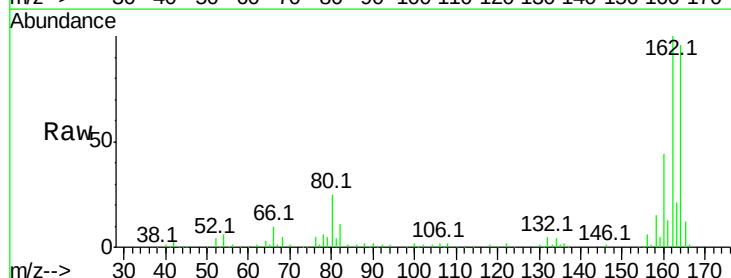
Instrument :
 BNA_F
 ClientSampled :

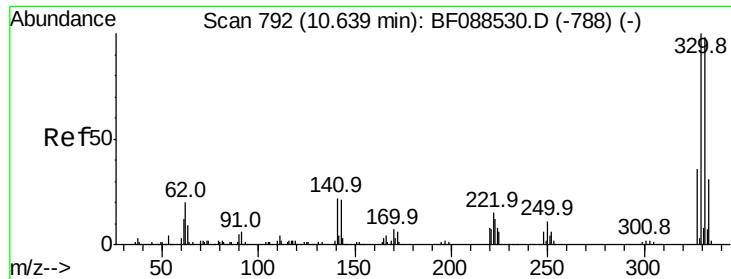
Tot Ion: 82 Resp: 7578
 Ion Ratio Lower Upper
 82 100
 128 46.6 35.9 53.9
 54 41.6 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088837.D
 Acq: 8 Jul 2016 21:23

Tgt Ion:164 Resp: 154443
 Ion Ratio Lower Upper
 164 100
 162 104.6 85.4 128.2
 160 46.5 39.5 59.3





#41

2,4,6-Tribromophenol

Concen: 1.56 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF088837.D

Acq: 8 Jul 2016 21:23

Instrument :

BNA_F

ClientSampled :

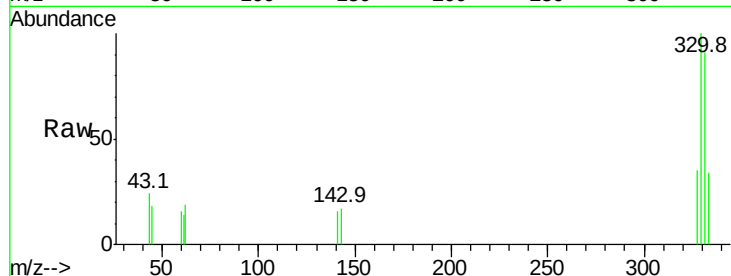
Tot Ion:330 Resp: 2237

Ion Ratio Lower Upper

330 100

332 91.2 0.0 0.0#

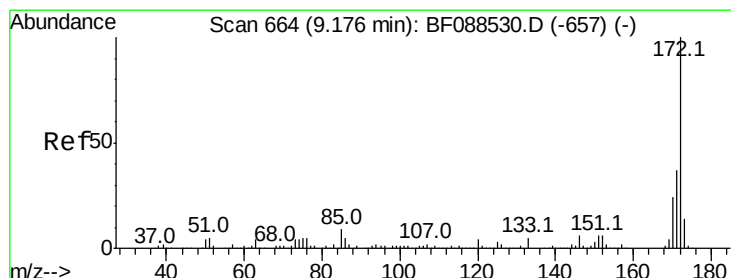
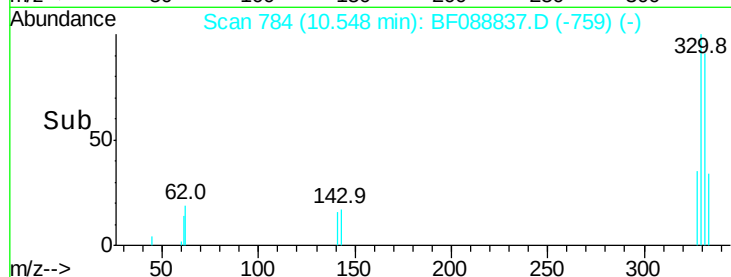
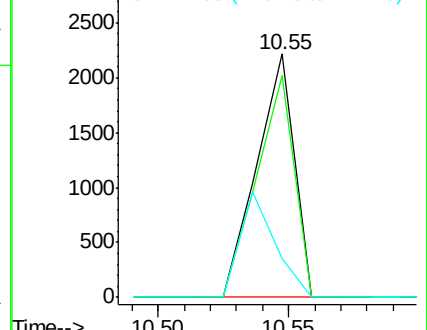
141 40.4 0.0 0.0#



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: 1.57 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF088837.D

Acq: 8 Jul 2016 21:23

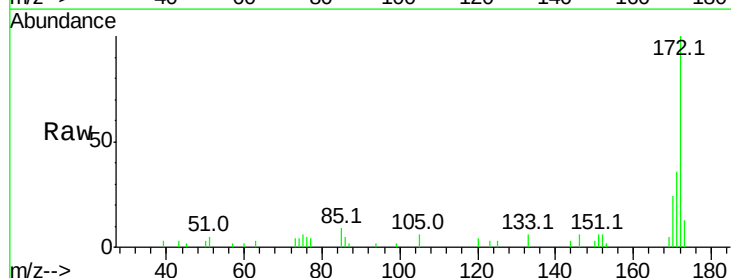
Tgt Ion:172 Resp: 15313

Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

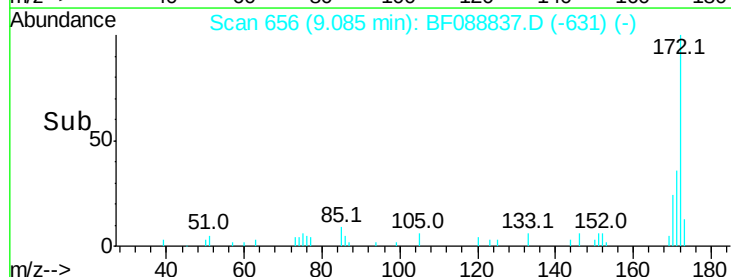
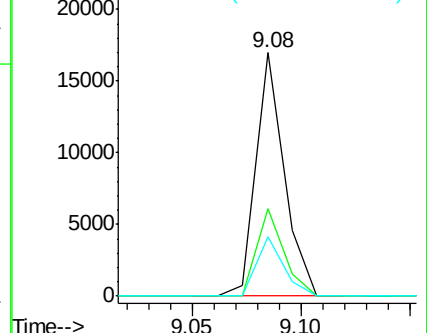
170 24.3 19.2 28.8

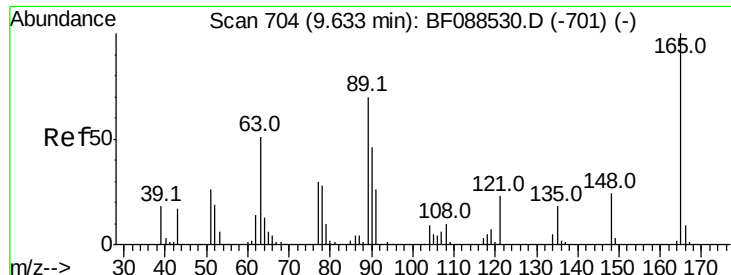


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

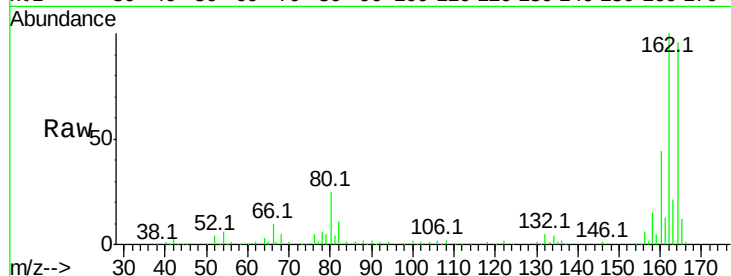




#50
 2,6-Dinitrotoluene
 Concen: 8.12 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.19 min
 Lab File: BF088837.D
 Acq: 8 Jul 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :

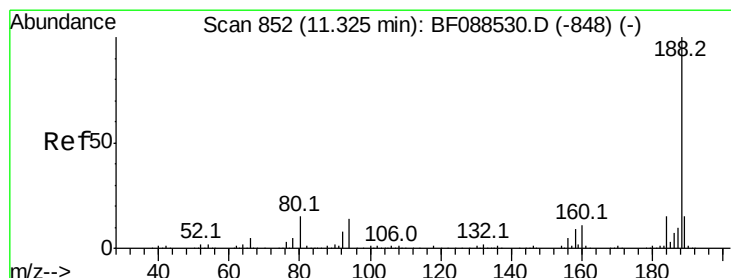
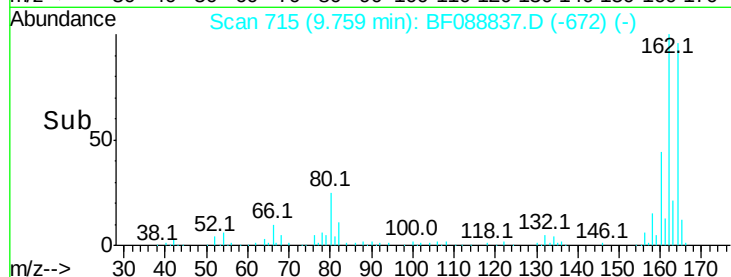
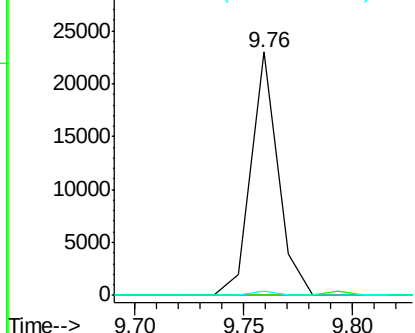
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	1.7	32.2	48.2#



Abundance Ion 165.00 (164.70 to 165.70): E

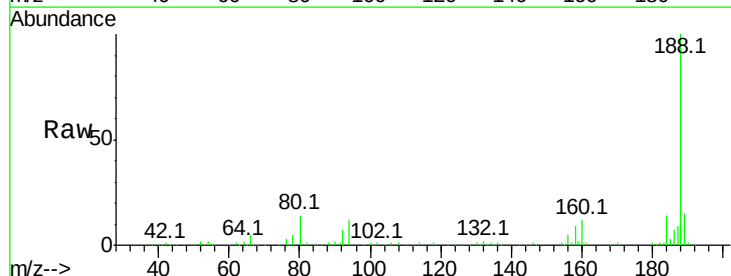
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF088837.D
 Acq: 8 Jul 2016 21:23

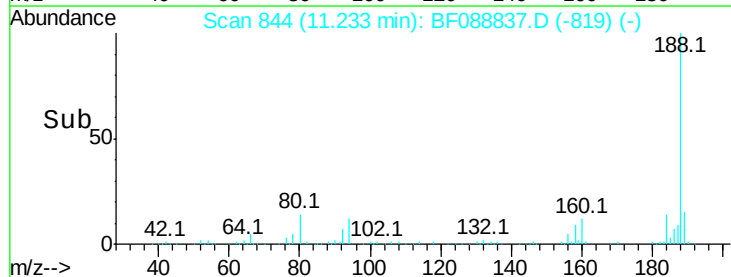
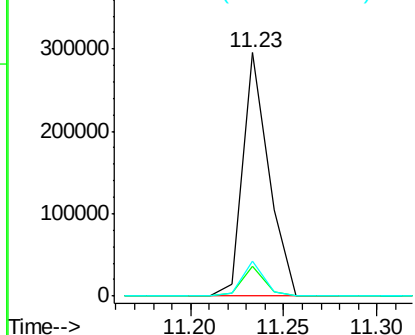
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.0	13.6
80	14.3	10.0	15.0

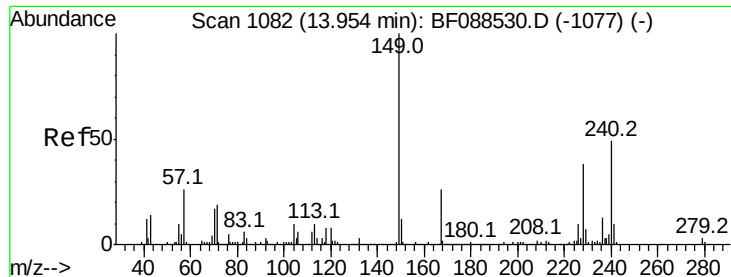


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF088837.D

Acq: 8 Jul 2016 21:23

Instrument :

BNA_F

ClientSampled :

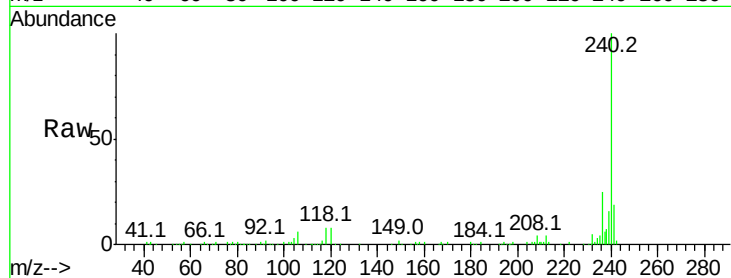
Tot Ion:240 Resp: 194057

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

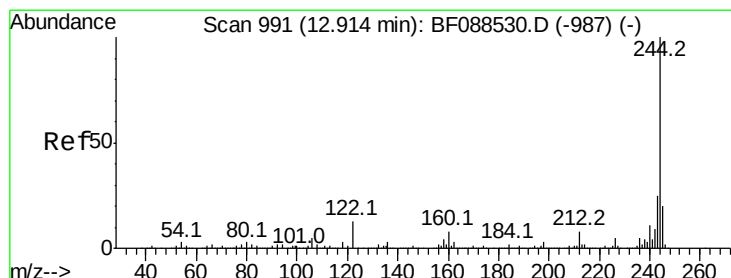
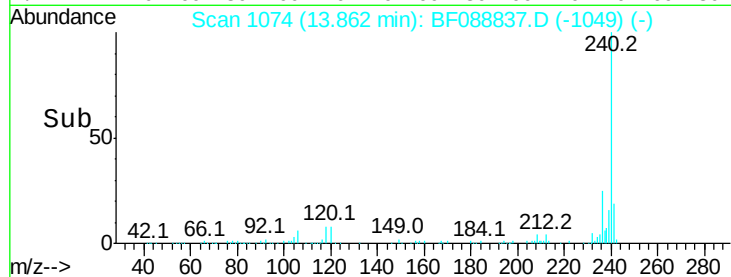
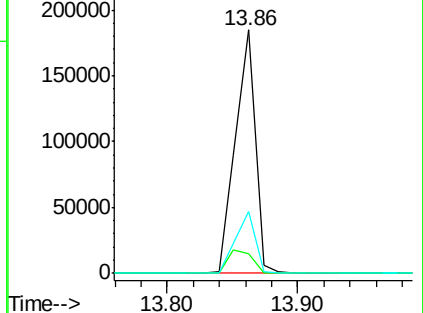
236 25.4 20.2 30.2



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: 1.53 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF088837.D

Acq: 8 Jul 2016 21:23

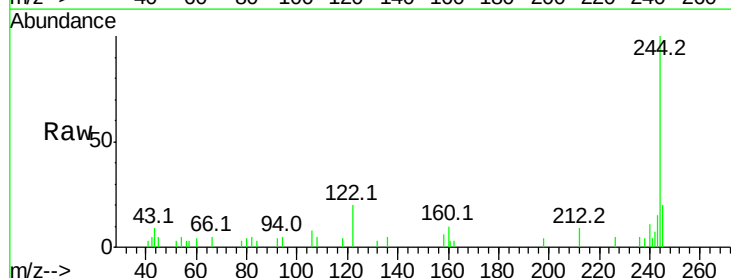
Tgt Ion:244 Resp: 13326

Ion Ratio Lower Upper

244 100

212 8.6 6.0 9.0

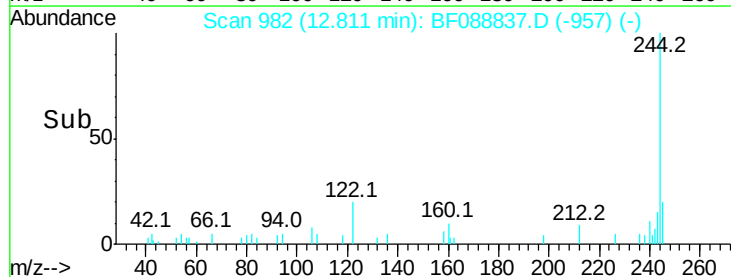
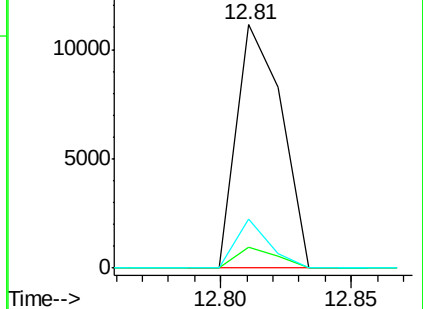
122 19.9 11.2 16.8#

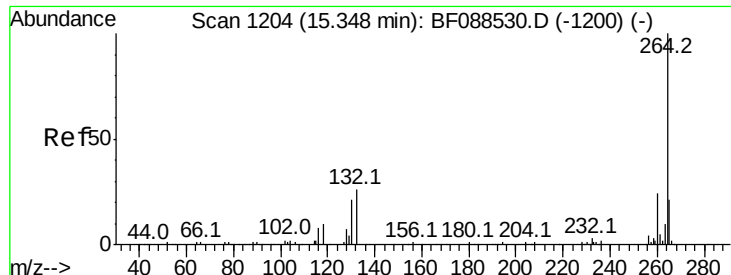


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

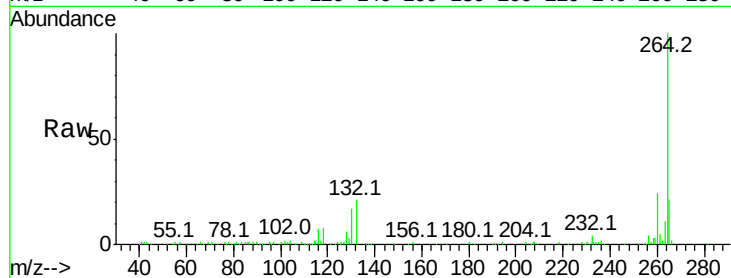




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF088837.D
 Acq: 8 Jul 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.2	16.9	25.3



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

