

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
 Data File : BF083855.D
 Acq On : 16 Dec 2015 18:29
 Operator : UM/SJ
 Sample : G4795-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-MILLSTONE

Quant Time: Dec 17 04:09:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

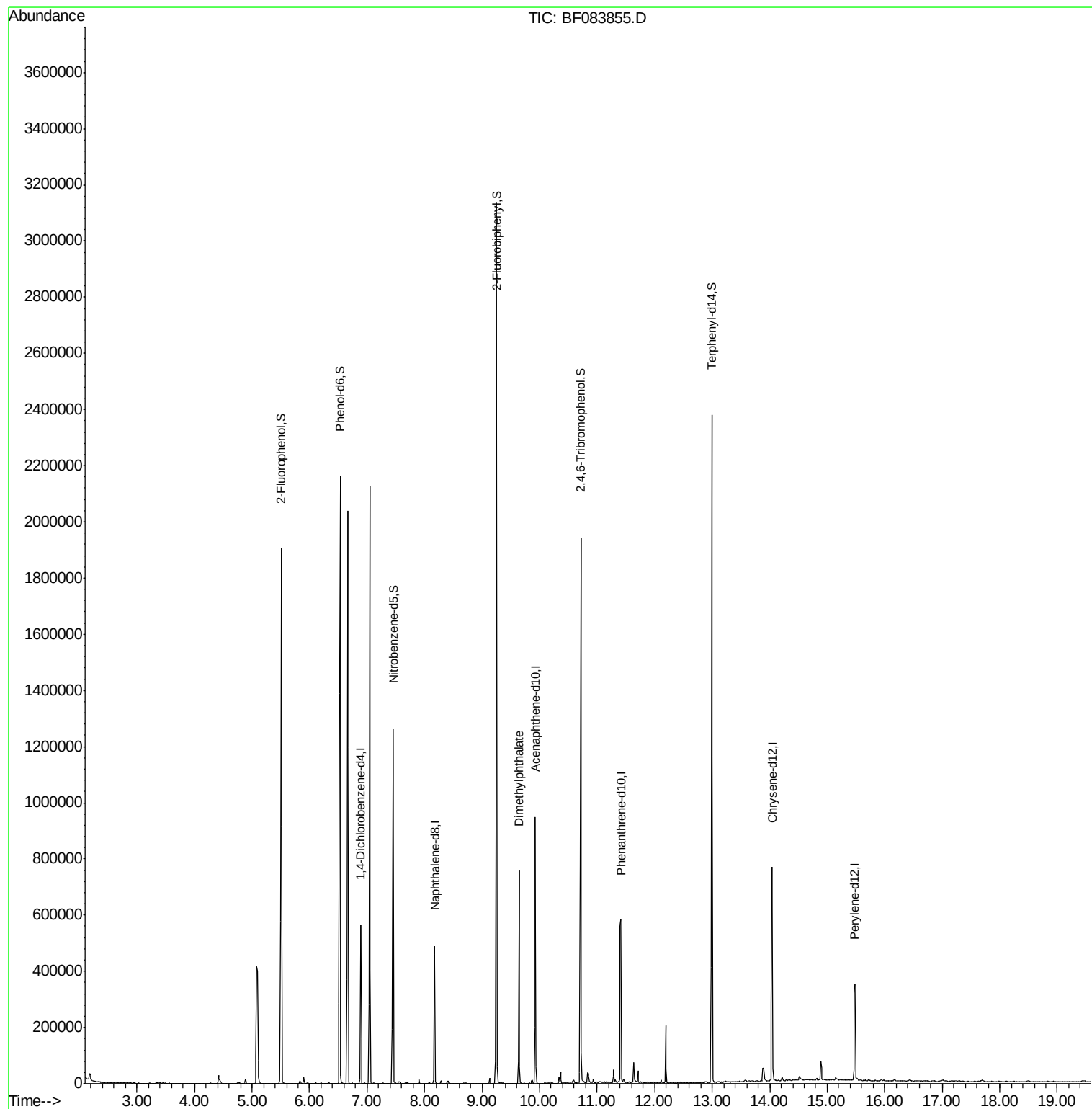
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	86883	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	343544	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	180658	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	317778	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	272558	20.00	ng	-0.03
86) Perylene-d12	15.48	264	191468	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	733183	136.14	ng	-0.02
7) Phenol-d6	6.53	99	987090	144.73	ng	-0.01
23) Nitrobenzene-d5	7.46	82	623285	101.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	250083	135.85	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	1041155	84.19	ng	-0.03
78) Terphenyl-d14	12.99	244	914400	72.17	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.64	163	284406	20.19	ng	Qvalue 99

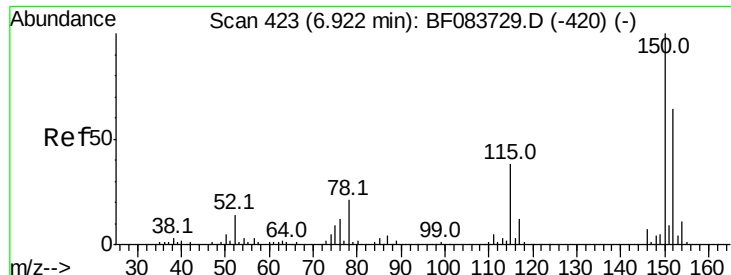
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 14 01:30:12 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF083855.D

Acq: 16 Dec 2015 18:29

Instrument :

BNA_F

ClientSampleId :

NC-MILLSTONE

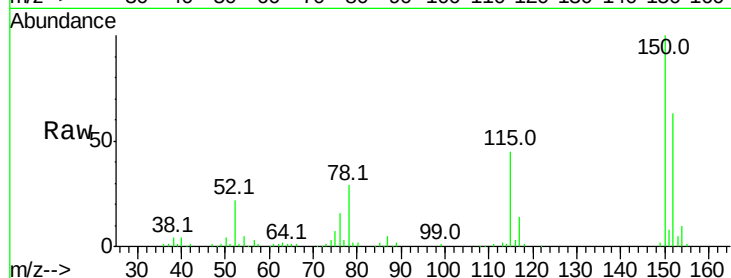
Tot Ion:152 Resp: 86883

Ion Ratio Lower Upper

152 100

150 159.4 126.5 189.7

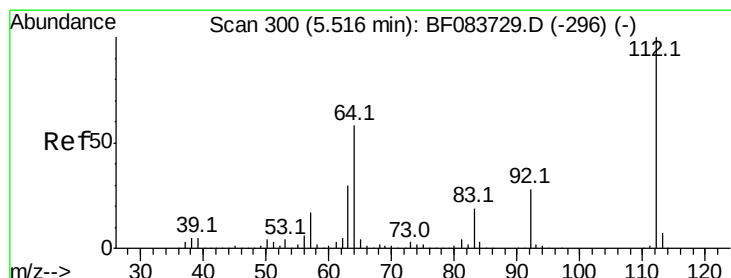
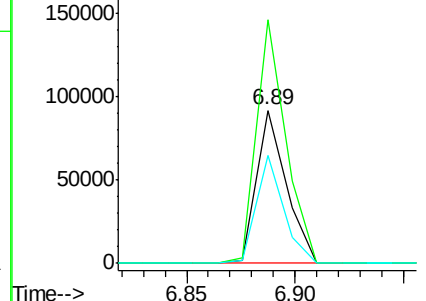
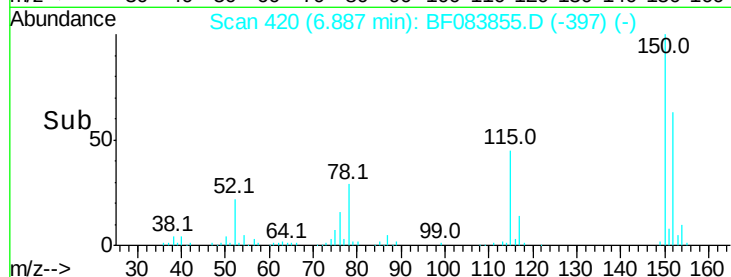
115 71.1 52.3 78.5



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: 136.14 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083855.D

Acq: 16 Dec 2015 18:29

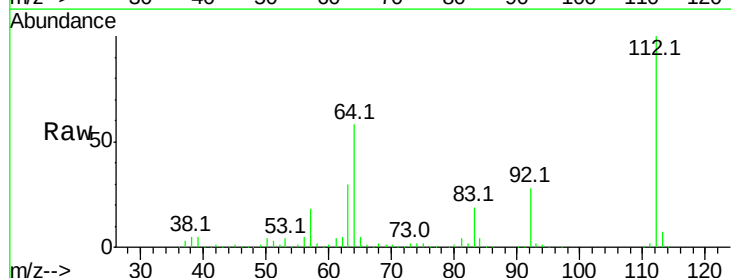
Tgt Ion:112 Resp: 733183

Ion Ratio Lower Upper

112 100

64 57.8 50.5 75.7

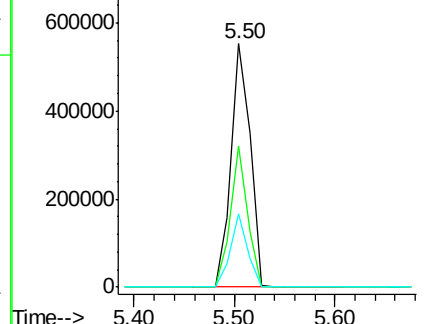
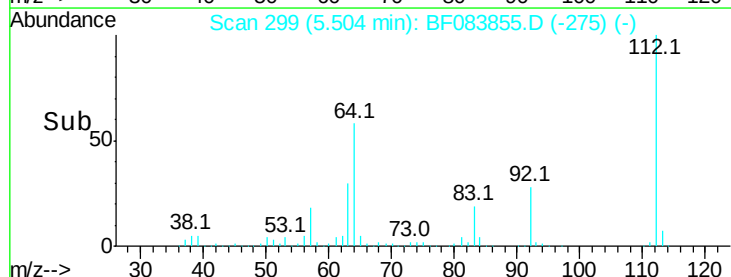
63 30.0 25.8 38.6

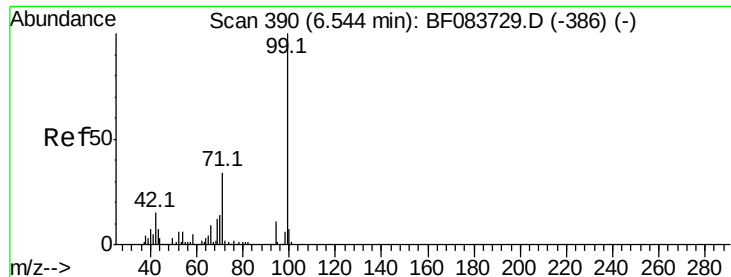


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 144.73 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083855.D

Acq: 16 Dec 2015 18:29

Instrument :

BNA_F

ClientSampleId :

NC-MILLSTONE

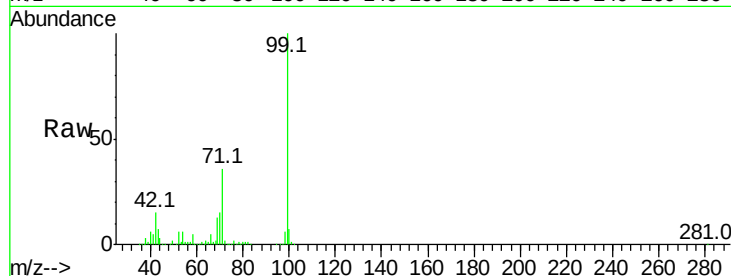
Tot Ion: 99 Resp: 987090

Ion Ratio Lower Upper

99 100

42 15.1 17.3 25.9#

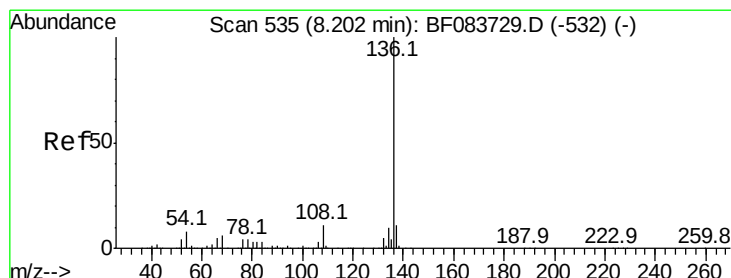
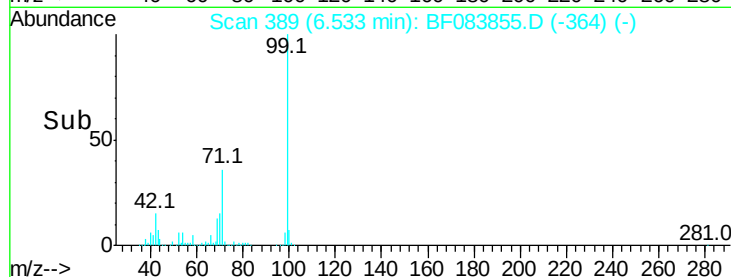
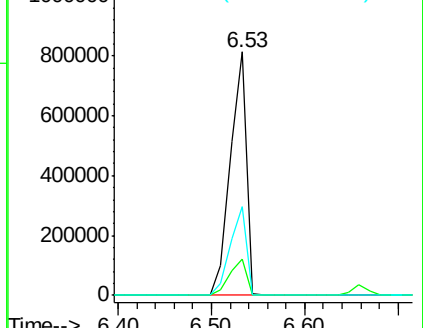
71 36.5 26.6 40.0



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: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF083855.D

Acq: 16 Dec 2015 18:29

Tgt Ion: 136 Resp: 343544

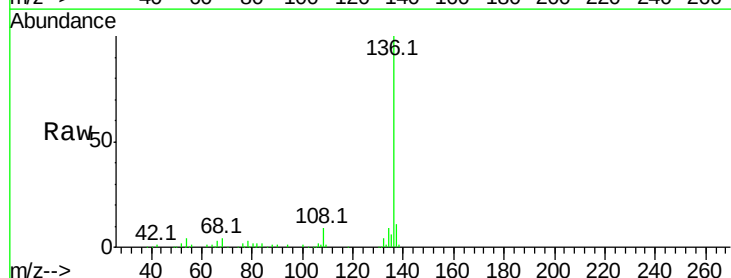
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 4.4 7.8 11.6#

68 3.9 5.7 8.5#

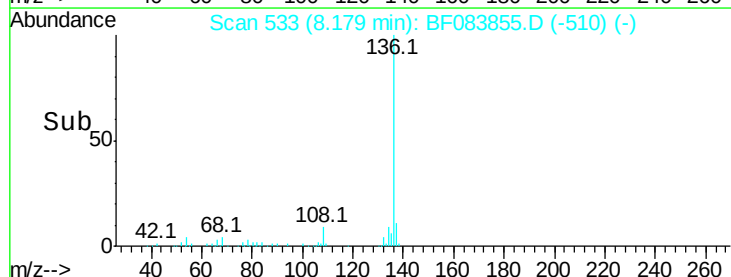
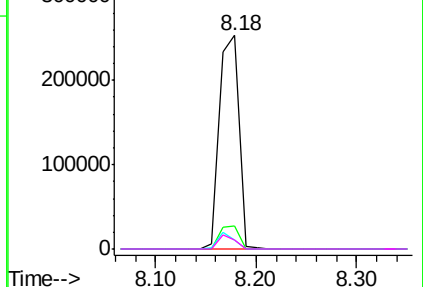


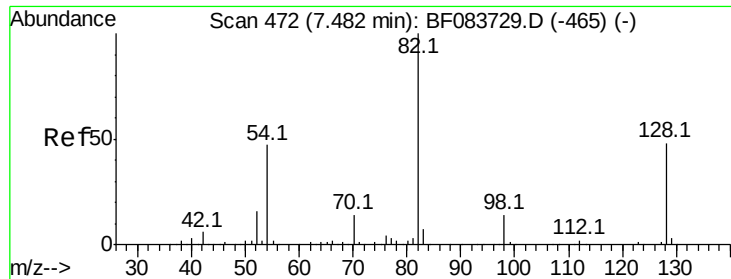
Abundance Ion 136.00 (135.70 to 136.70): E

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

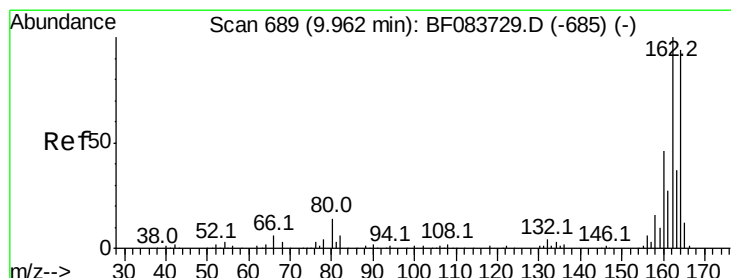
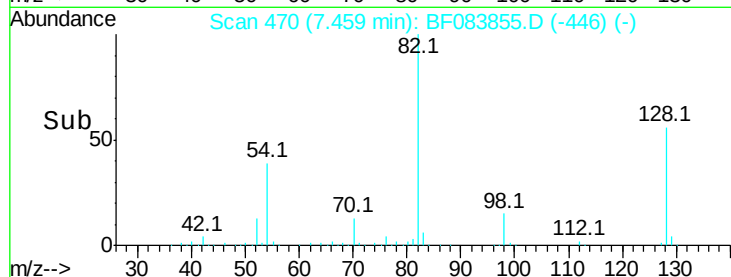
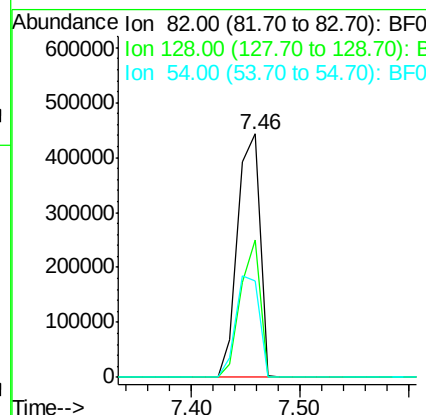
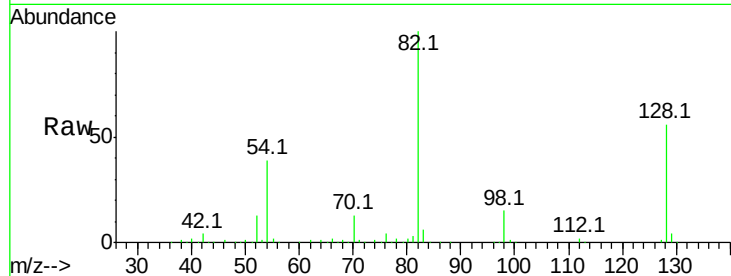




#23
 Nitrobenzene-d5
 Concen: 101.50 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083855.D
 Acq: 16 Dec 2015 18:29

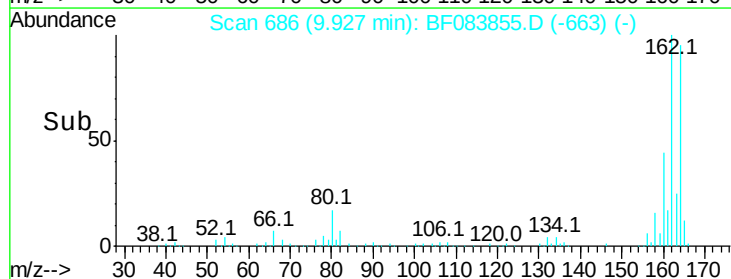
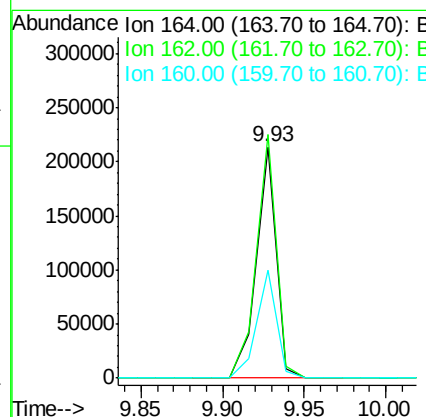
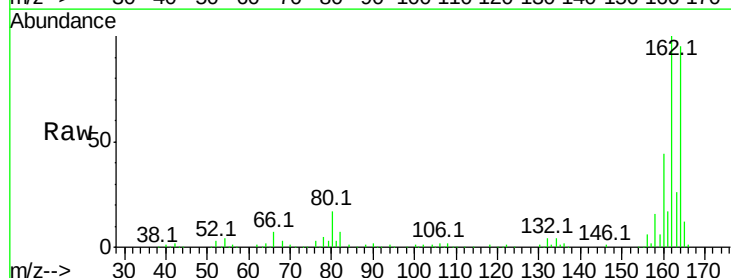
Instrument :
 BNA_F
 ClientSampleId :
 NC-MILLSTONE

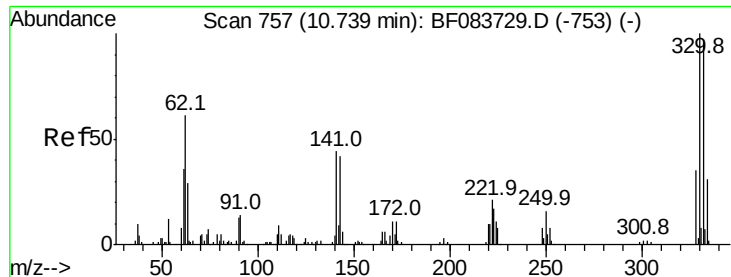
Tot Ion: 82 Resp: 623285
 Ion Ratio Lower Upper
 82 100
 128 56.5 30.7 46.1#
 54 39.4 42.5 63.7#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: BF083855.D
 Acq: 16 Dec 2015 18:29

Tgt Ion:164 Resp: 180658
 Ion Ratio Lower Upper
 164 100
 162 105.4 78.8 118.2
 160 46.9 33.4 50.2

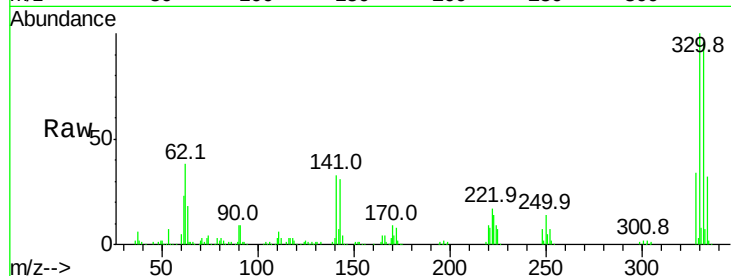




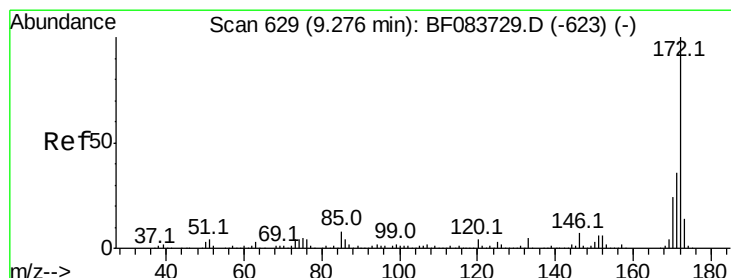
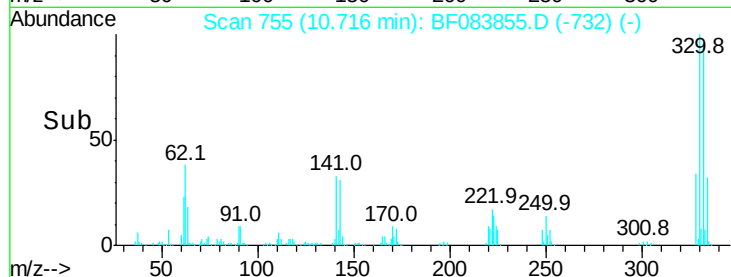
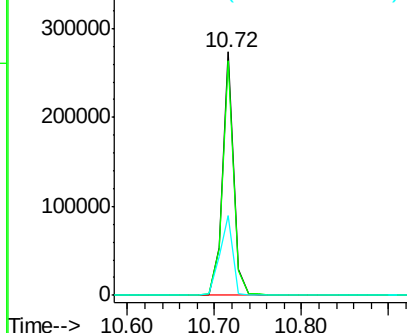
#41
 2,4,6-Tribromophenol
 Concen: 135.85 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.03 min
 Lab File: BF083855.D
 Acq: 16 Dec 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 NC-MILLSTONE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	38.2	0.0	0.0#

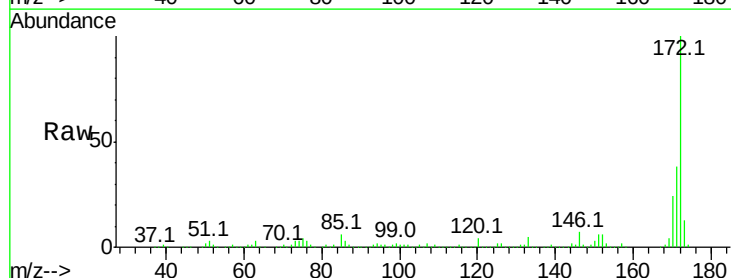


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

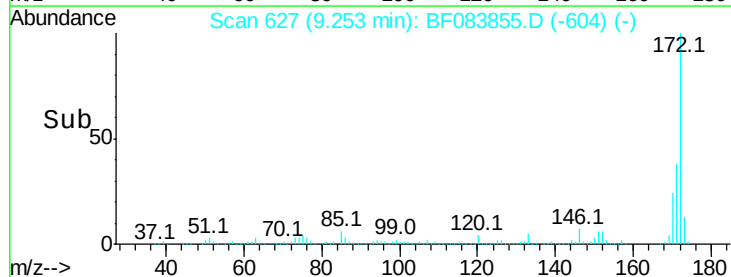
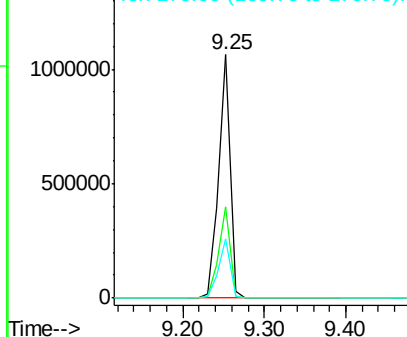


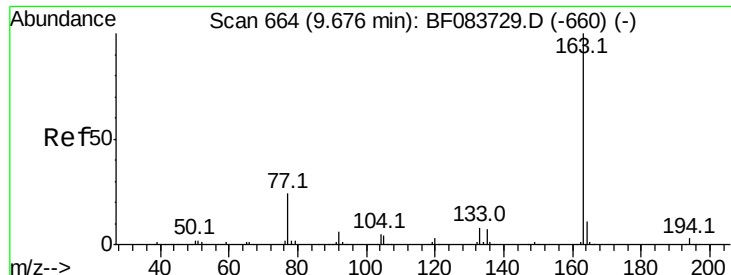
#44
 2-Fluorobiphenyl
 Concen: 84.19 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083855.D
 Acq: 16 Dec 2015 18:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.6	42.8
170	24.5	19.4	29.0



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





#49

Dimethylphthalate

Concen: 20.19 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.05 min

Lab File: BF083855.D

Acq: 16 Dec 2015 18:29

Instrument :

BNA_F

ClientSampleId :

NC-MILLSTONE

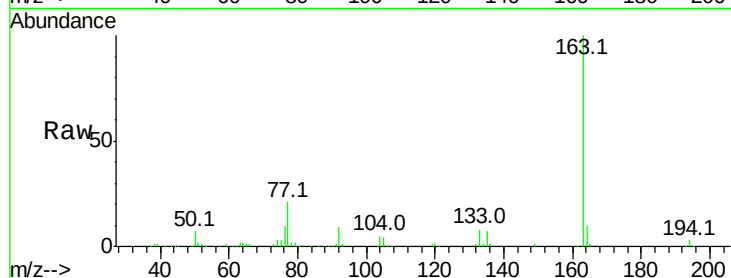
Tot Ion:163 Resp: 284406

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

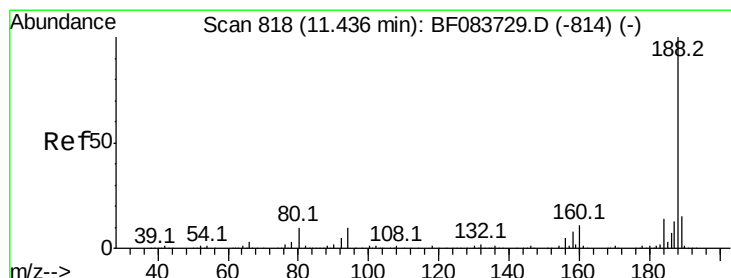
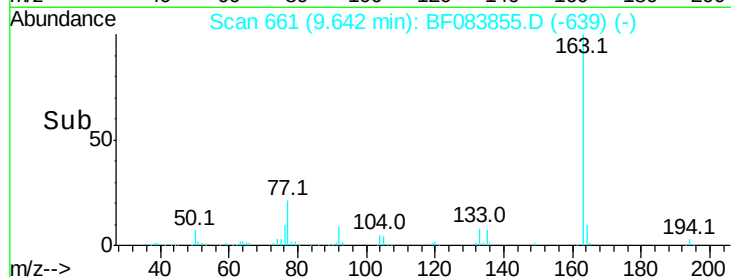
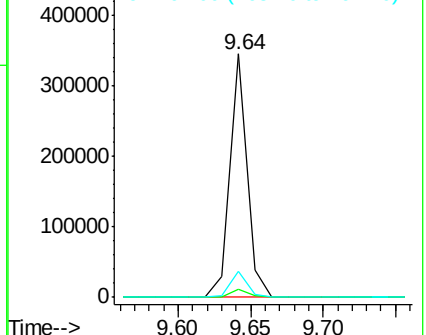
164 10.5 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF083855.D

Acq: 16 Dec 2015 18:29

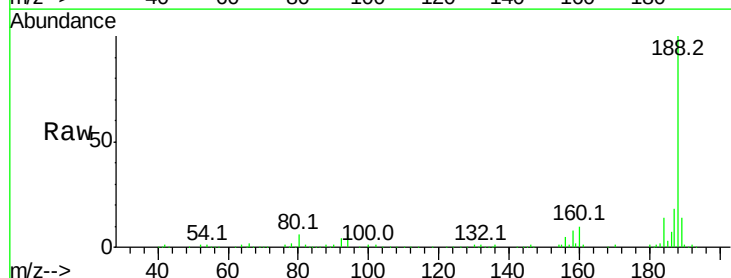
Tgt Ion:188 Resp: 317778

Ion Ratio Lower Upper

188 100

94 6.1 9.4 14.2#

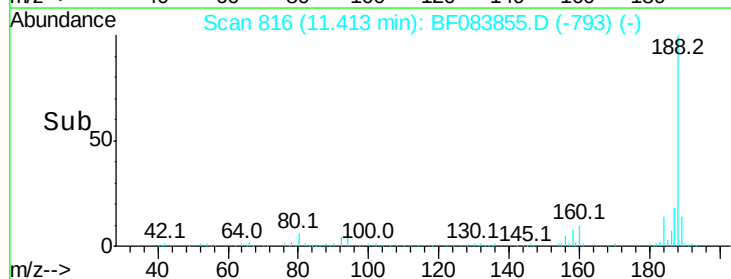
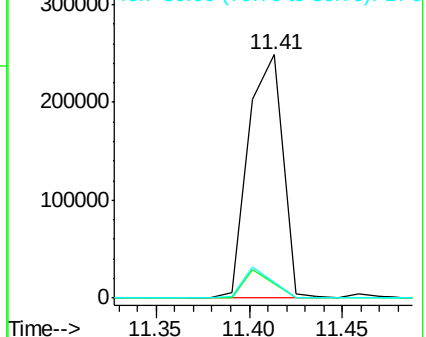
80 6.3 10.6 16.0#

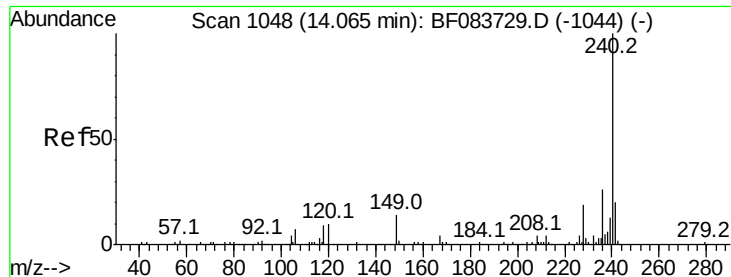


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BF083855.D

Acq: 16 Dec 2015 18:29

Instrument :

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ClientSampleId :

NC-MILLSTONE

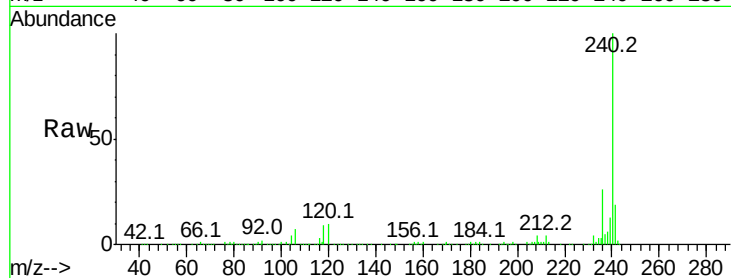
Tot Ion:240 Resp: 272558

Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

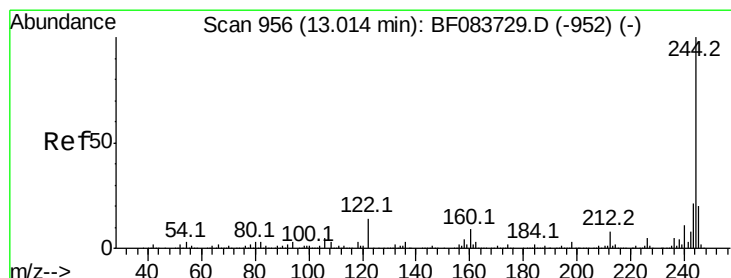
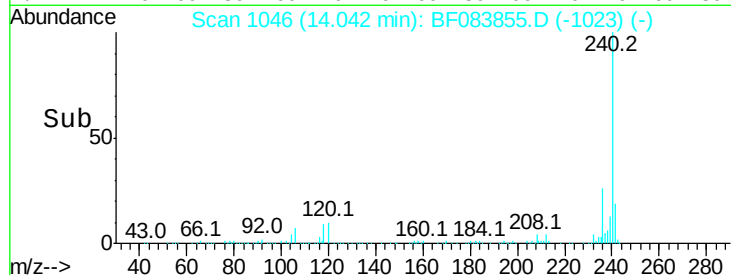
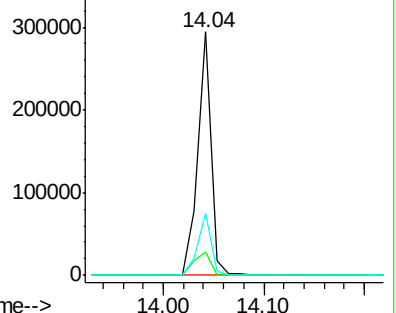
236 25.6 20.8 31.2



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: 72.17 ng

RT: 12.99 min Scan# 954

Delta R.T. -0.03 min

Lab File: BF083855.D

Acq: 16 Dec 2015 18:29

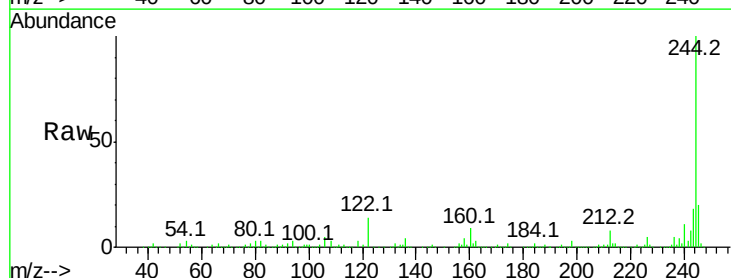
Tgt Ion:244 Resp: 914400

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

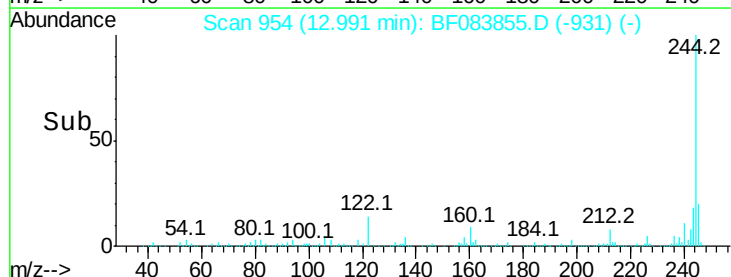
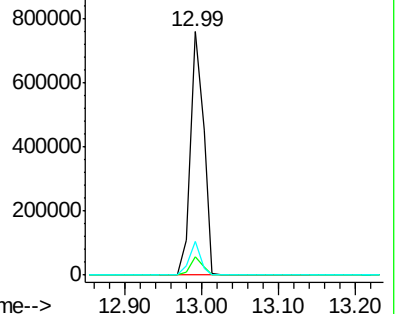
122 13.7 11.0 16.6

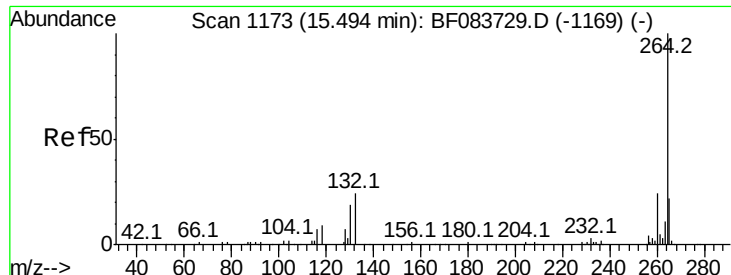


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

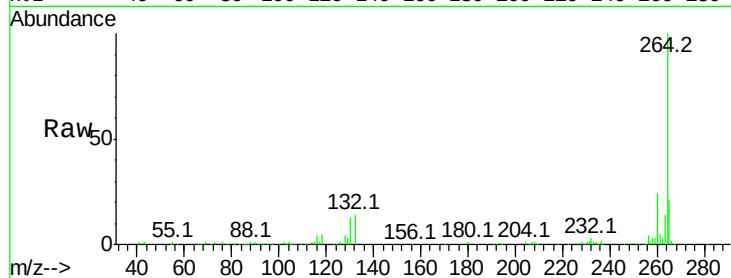




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083855.D
 Acq: 16 Dec 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 NC-MILLSTONE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	20.7	17.8	26.6



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

