

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121715\
 Data File : BF083876.D
 Acq On : 17 Dec 2015 9:08
 Operator : UM/SJ
 Sample : G4800-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-08

Quant Time: Dec 17 12:33:09 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	83460	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	339629	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	159177	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	298514	20.00	ng	-0.03
75) Chrysene-d12	14.05	240	193394	20.00	ng	-0.02
86) Perylene-d12	15.49	264	160137	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	337557	65.25	ng	-0.02
7) Phenol-d6	6.52	99	261437	39.90	ng	-0.02
23) Nitrobenzene-d5	7.46	82	592832	97.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	238190	146.85	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	954659	89.24	ng	-0.03
78) Terphenyl-d14	13.00	244	892410	99.26	ng	-0.02

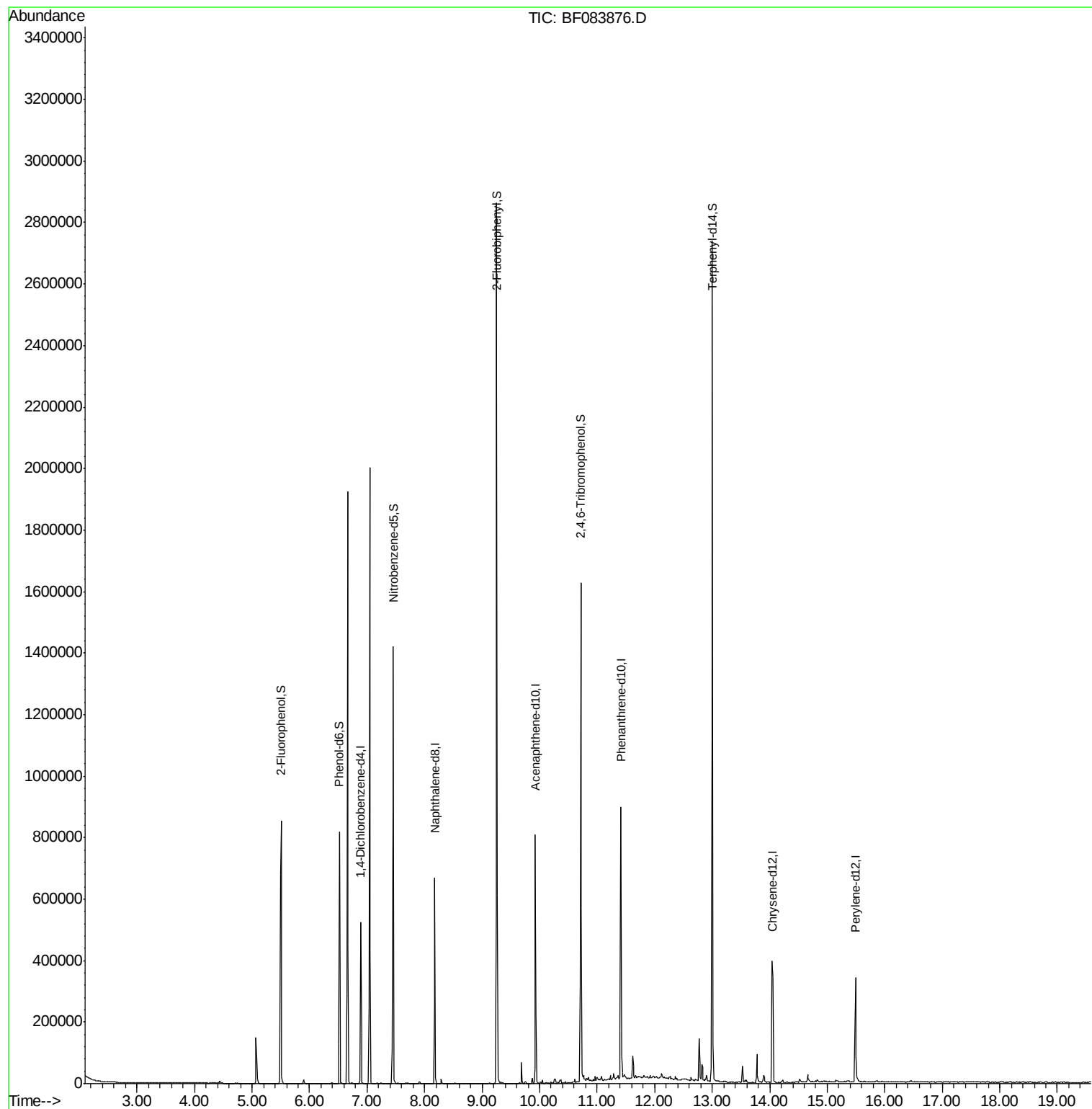
Target Compounds Qvalue

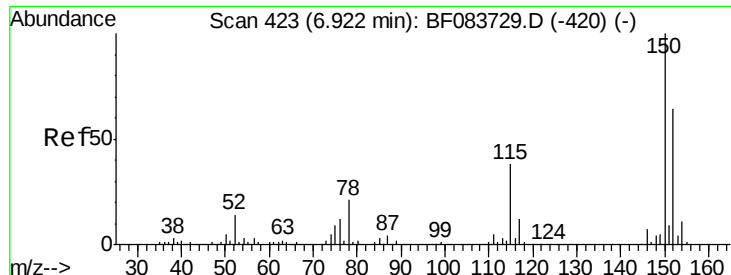
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083876.D

Acq: 17 Dec 2015 9:08

Instrument :

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W-08

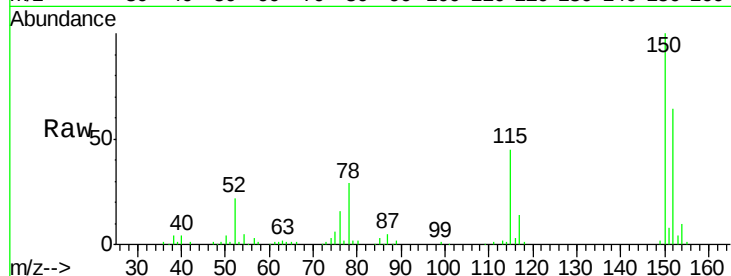
Tot Ion:152 Resp: 83460

Ion Ratio Lower Upper

152 100

150 155.7 126.5 189.7

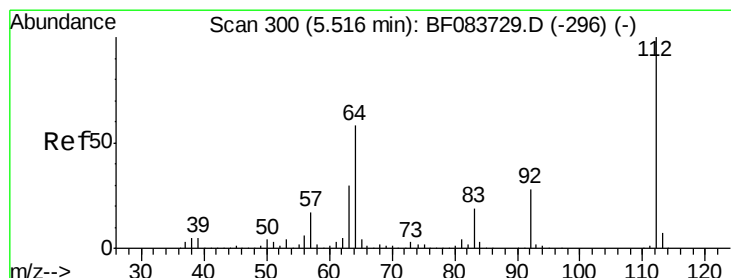
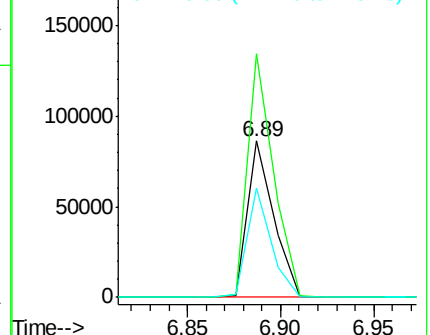
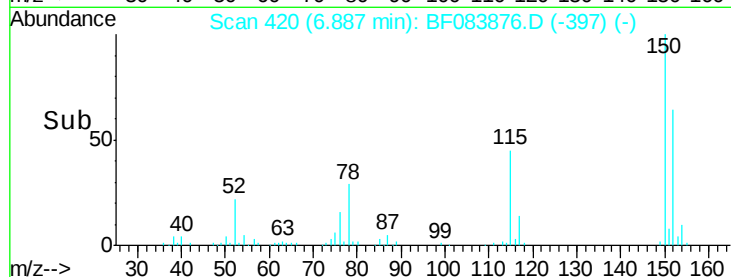
115 70.1 52.3 78.5



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: 65.25 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083876.D

Acq: 17 Dec 2015 9:08

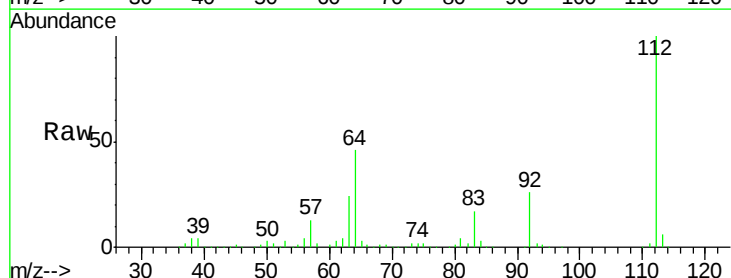
Tgt Ion:112 Resp: 337557

Ion Ratio Lower Upper

112 100

64 46.2 50.5 75.7#

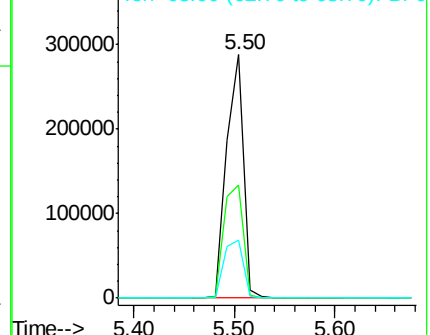
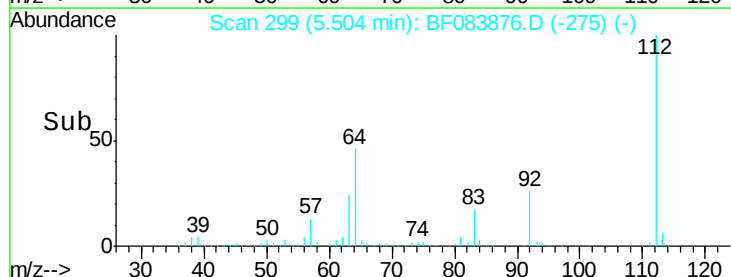
63 24.1 25.8 38.6#

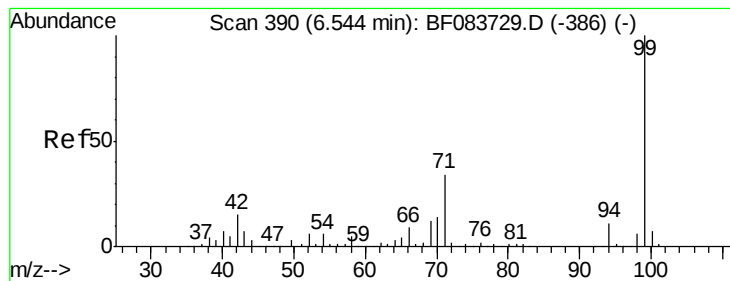


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.90 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083876.D

Acq: 17 Dec 2015 9:08

Instrument :

BNA_F

ClientSampleId :

W-08

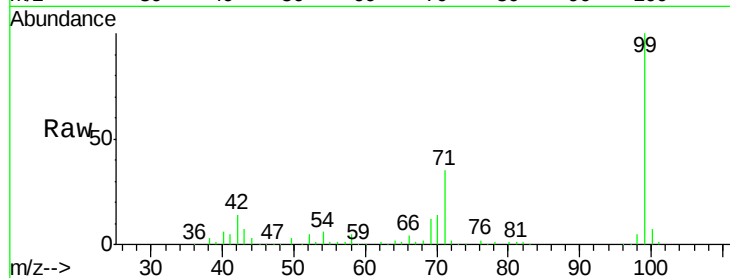
Tot Ion: 99 Resp: 261437

Ion Ratio Lower Upper

99 100

42 14.5 17.3 25.9#

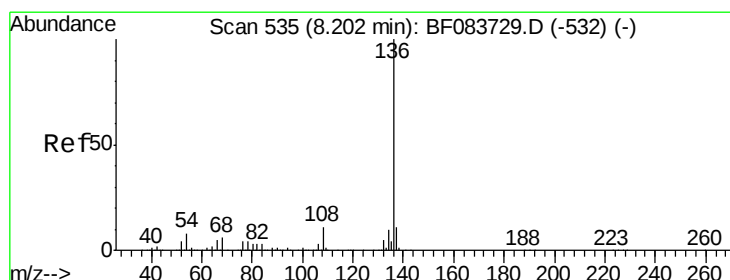
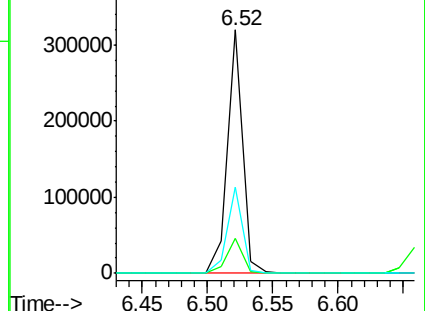
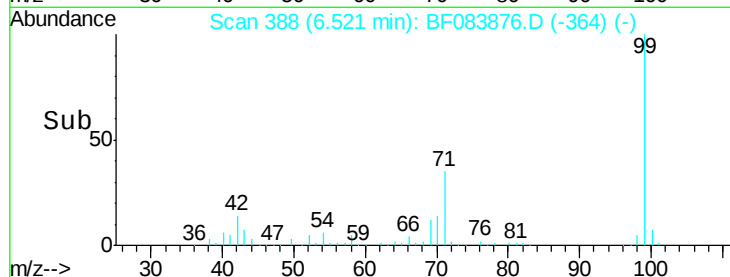
71 35.1 26.6 40.0



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: BF083876.D

Acq: 17 Dec 2015 9:08

Tgt Ion: 136 Resp: 339629

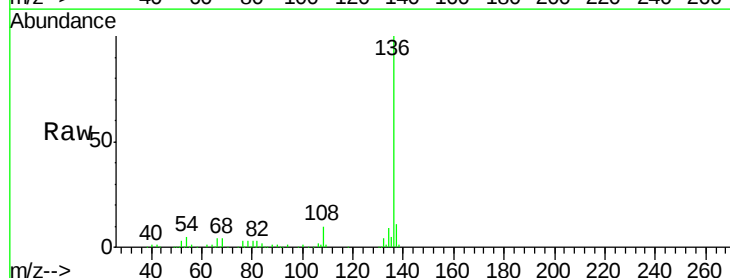
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 5.2 7.8 11.6#

68 4.3 5.7 8.5#

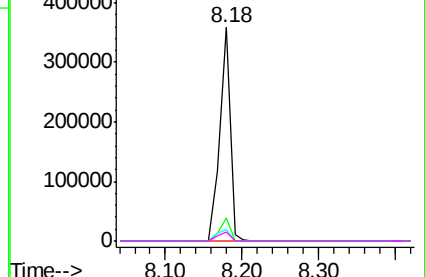
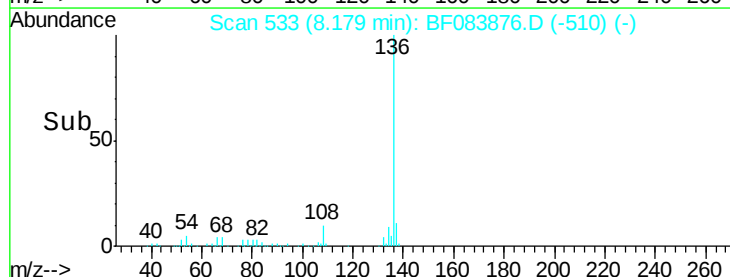


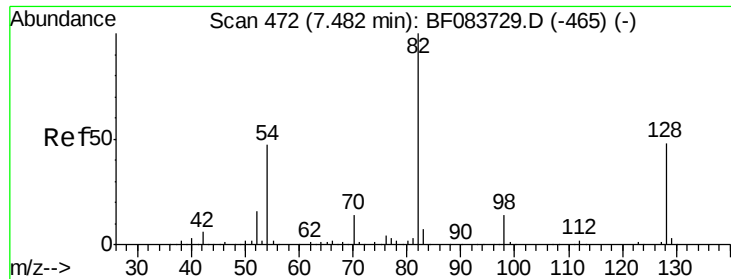
Abundance Ion 136.00 (135.70 to 136.70): E

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

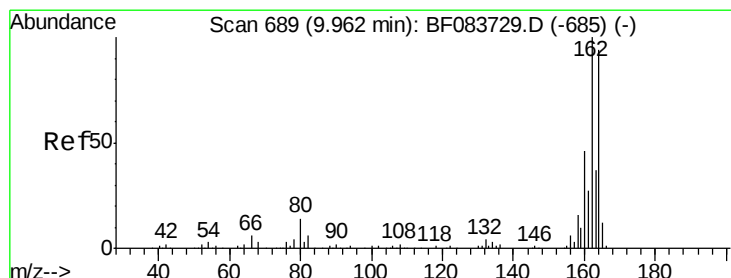
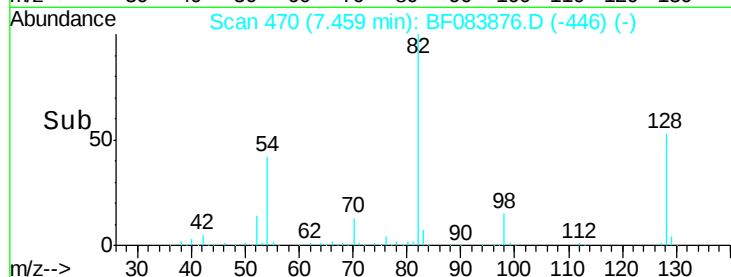
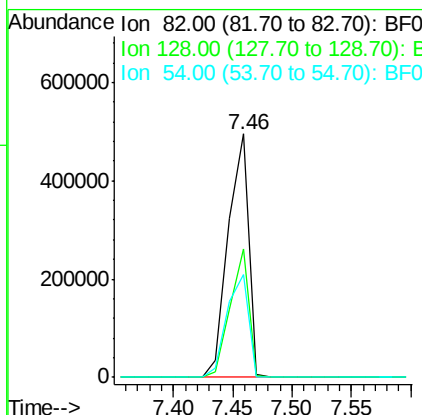
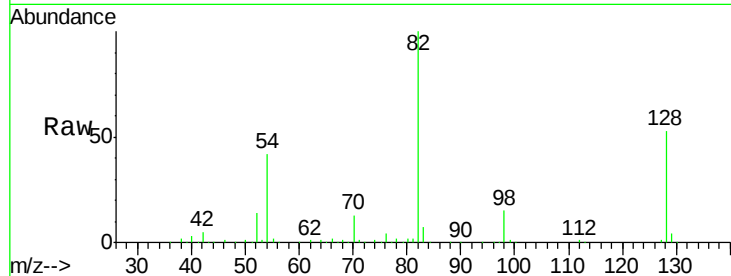




#23
 Nitrobenzene-d5
 Concen: 97.66 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083876.D
 Acq: 17 Dec 2015 9:08

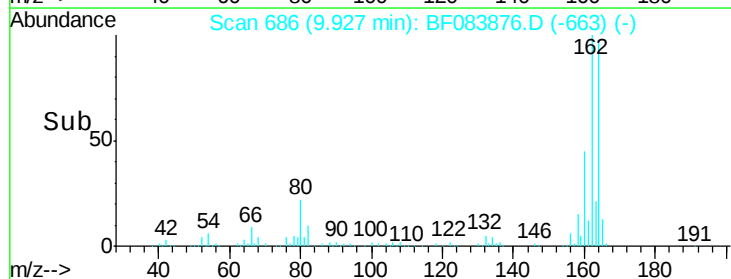
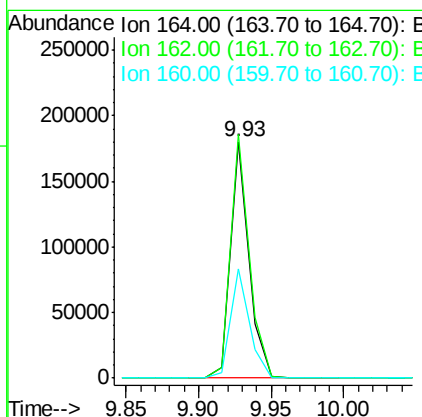
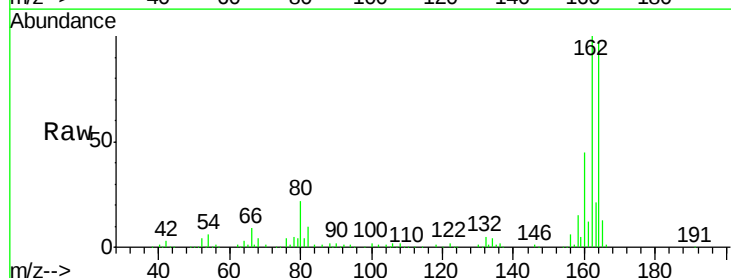
Instrument :
 BNA_F
 ClientSampleId :
 W-08

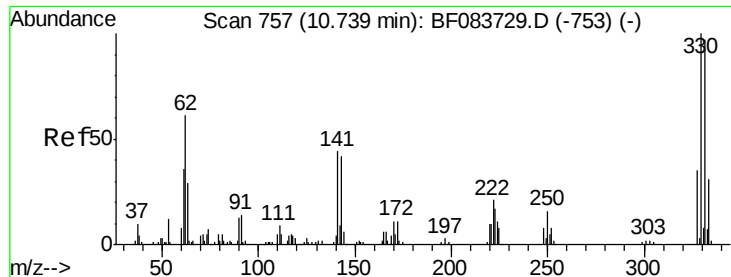
Tot Ion: 82 Resp: 592832
 Ion Ratio Lower Upper
 82 100
 128 52.7 30.7 46.1#
 54 42.2 42.5 63.7#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: BF083876.D
 Acq: 17 Dec 2015 9:08

Tgt Ion:164 Resp: 159177
 Ion Ratio Lower Upper
 164 100
 162 103.1 78.8 118.2
 160 46.2 33.4 50.2

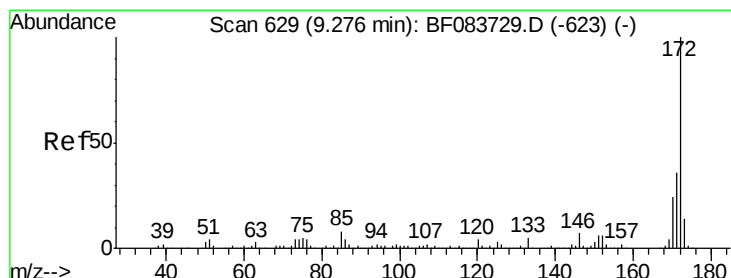
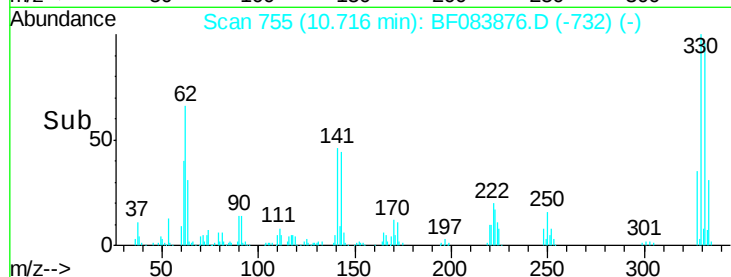
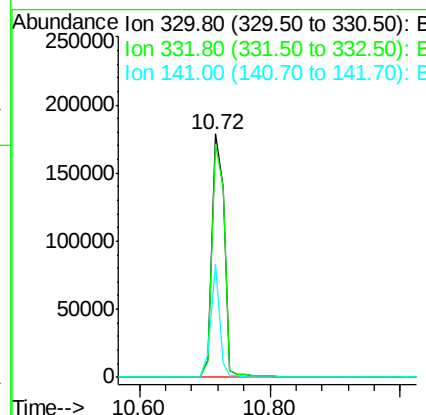
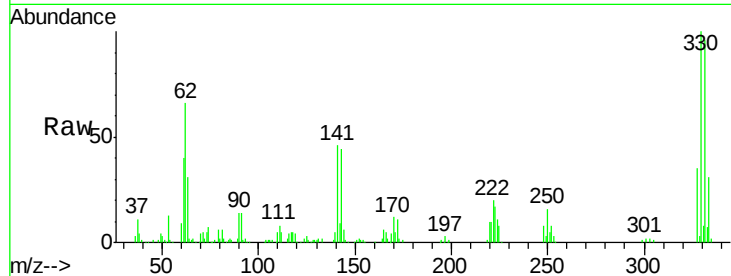




#41
 2,4,6-Tribromophenol
 Concen: 146.85 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.03 min
 Lab File: BF083876.D
 Acq: 17 Dec 2015 9:08

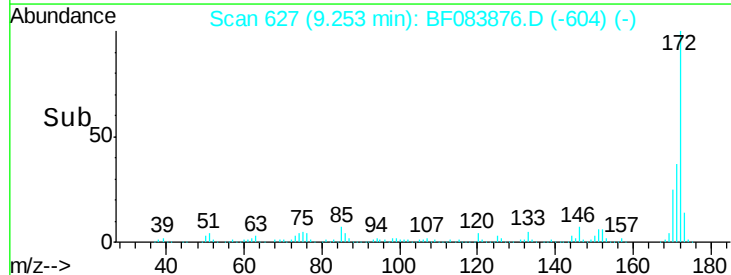
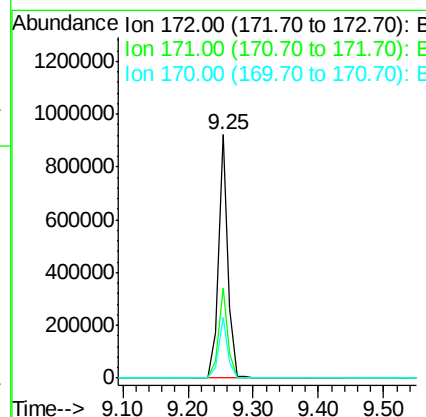
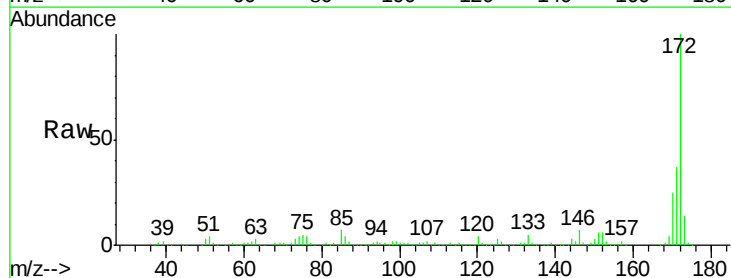
Instrument :
 BNA_F
 ClientSampled :
 W-08

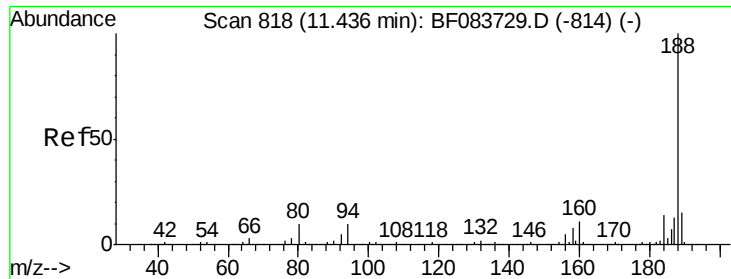
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	34.1	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 89.24 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083876.D
 Acq: 17 Dec 2015 9:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.6	42.8
170	24.6	19.4	29.0

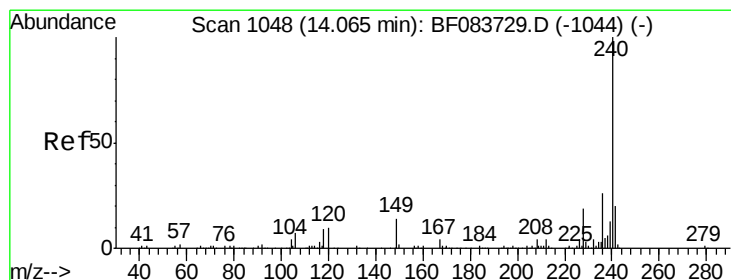
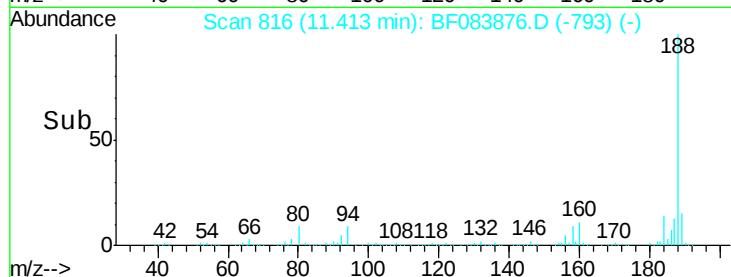
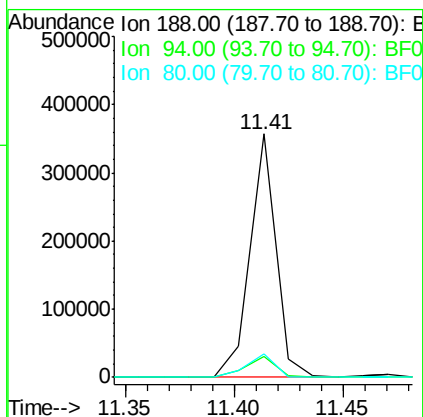
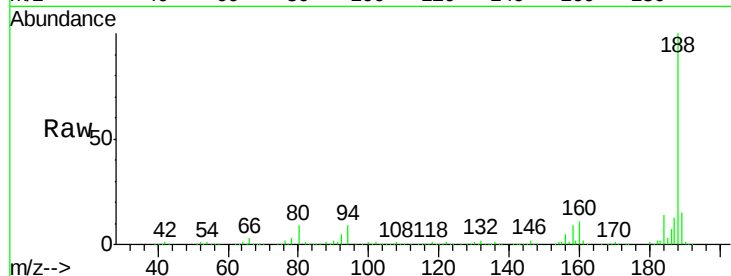




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083876.D
Acq: 17 Dec 2015 9:08

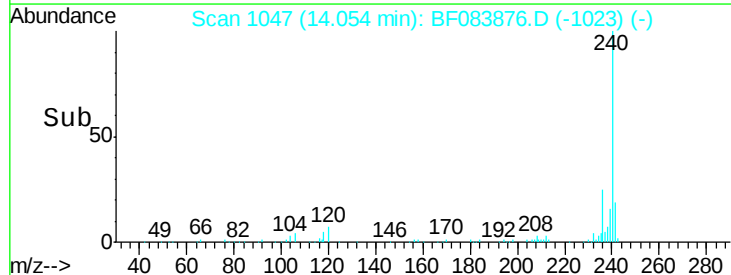
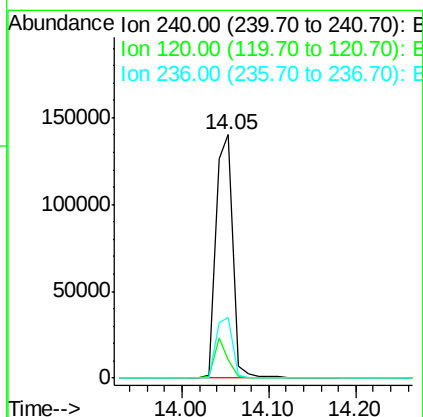
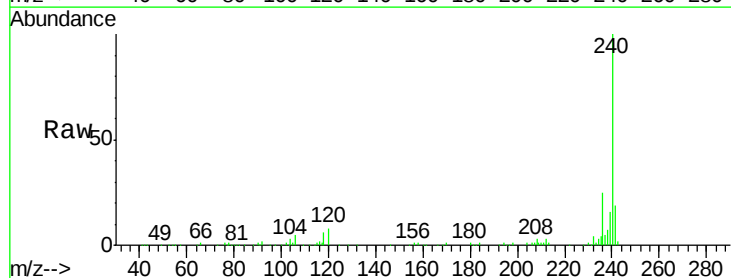
Instrument :
BNA_F
ClientSampleId :
W-08

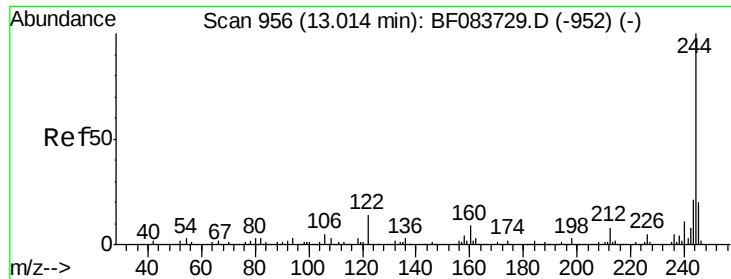
Tot Ion:188 Resp: 298514
Ion Ratio Lower Upper
188 100
94 8.6 9.4 14.2#
80 9.4 10.6 16.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF083876.D
Acq: 17 Dec 2015 9:08

Tgt Ion:240 Resp: 193394
Ion Ratio Lower Upper
240 100
120 7.5 8.1 12.1#
236 24.7 20.8 31.2

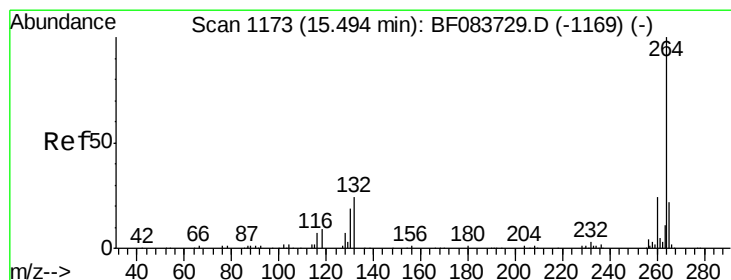
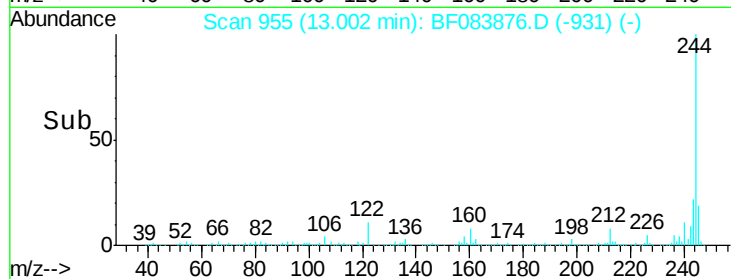
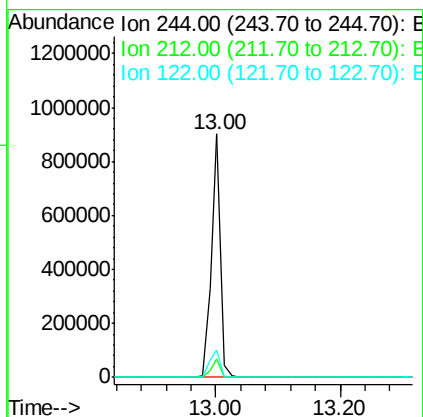
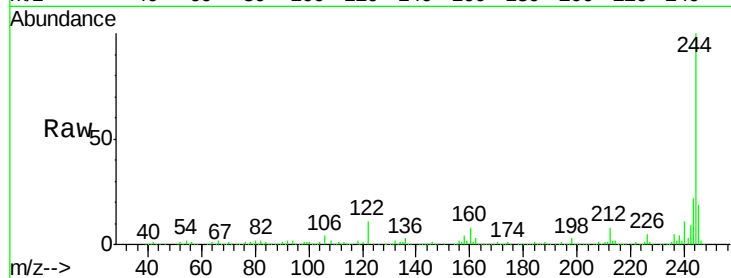




#78
 Terphenyl-d14
 Concen: 99.26 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083876.D
 Acq: 17 Dec 2015 9:08

Instrument :
 BNA_F
 ClientSampleId :
 W-08

Tot Ion:244 Resp: 892410
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 11.4 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF083876.D
 Acq: 17 Dec 2015 9:08

Tgt Ion:264 Resp: 160137
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 21.6 17.8 26.6

