

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121715\
 Data File : BF083877.D
 Acq On : 17 Dec 2015 9:35
 Operator : UM/SJ
 Sample : G4800-06
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-09

Quant Time: Dec 17 12:34:44 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	84812	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	349975	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	161238	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	298438	20.00	ng	-0.03
75) Chrysene-d12	14.05	240	213620	20.00	ng	-0.02
86) Perylene-d12	15.49	264	177767	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	346049	65.82	ng	-0.02
7) Phenol-d6	6.52	99	261205	39.23	ng	-0.02
23) Nitrobenzene-d5	7.46	82	616953	98.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	266407	162.15	ng	-0.02
44) 2-Fluorobiphenyl	9.25	172	964441	88.88	ng	-0.03
78) Terphenyl-d14	13.00	244	932002	93.85	ng	-0.02

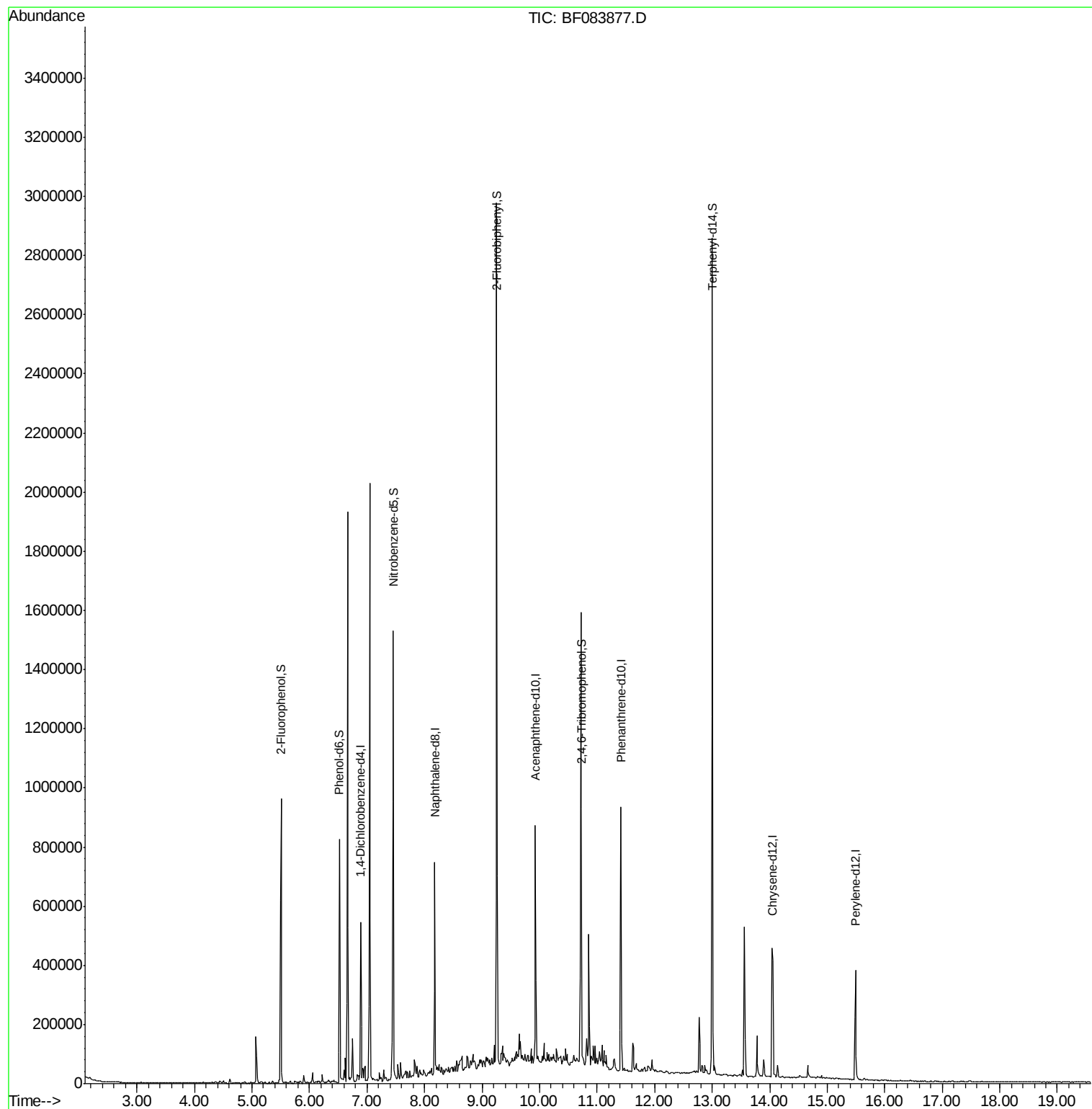
Target Compounds Qvalue

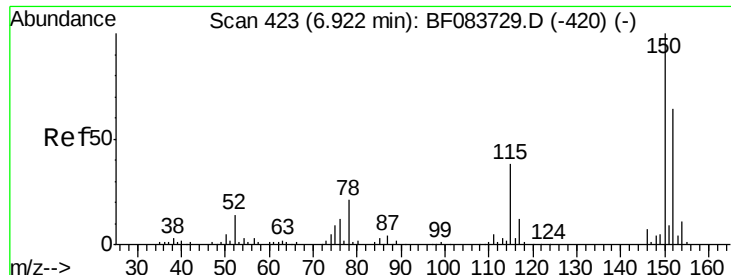
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083877.D

Acq: 17 Dec 2015 9:35

Instrument :

BNA_F

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W-09

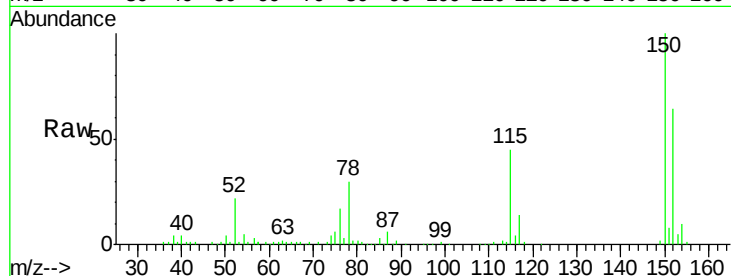
Tot Ion:152 Resp: 84812

Ion Ratio Lower Upper

152 100

150 156.8 126.5 189.7

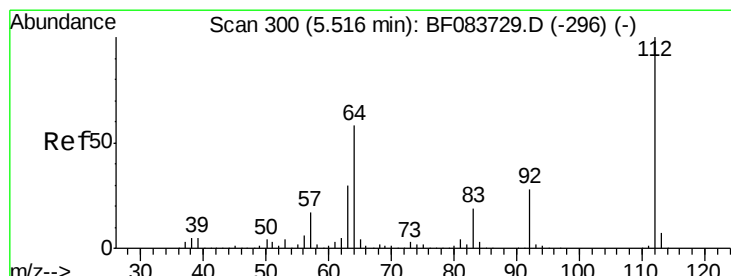
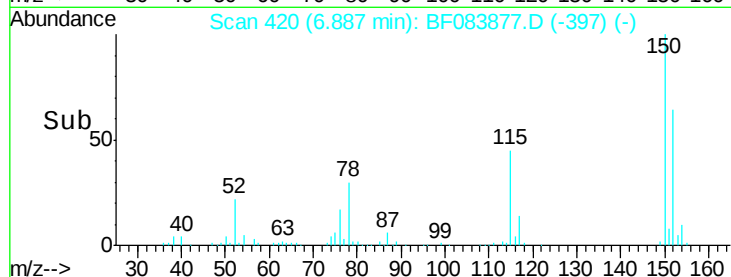
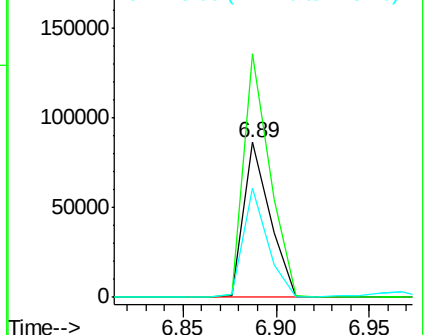
115 70.5 52.3 78.5



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: 65.82 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083877.D

Acq: 17 Dec 2015 9:35

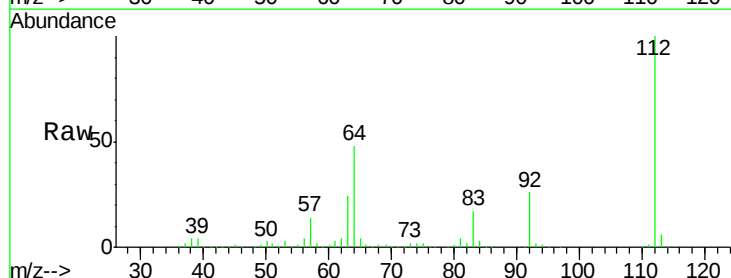
Tgt Ion:112 Resp: 346049

Ion Ratio Lower Upper

112 100

64 47.8 50.5 75.7#

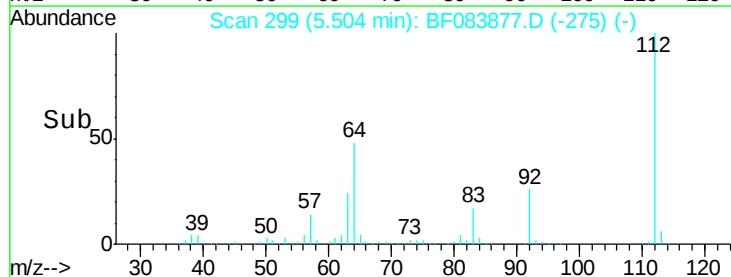
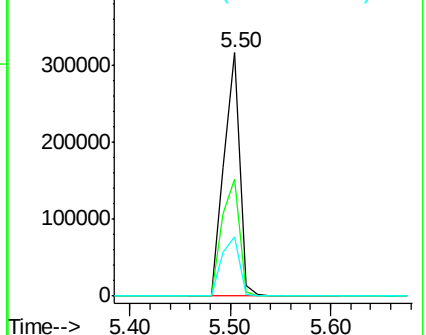
63 24.4 25.8 38.6#

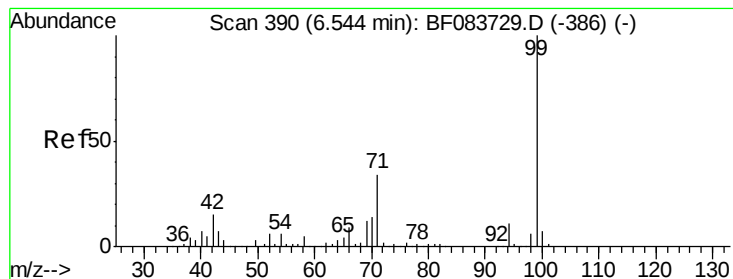


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.23 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083877.D

Acq: 17 Dec 2015 9:35

Instrument :

BNA_F

ClientSampleId :

W-09

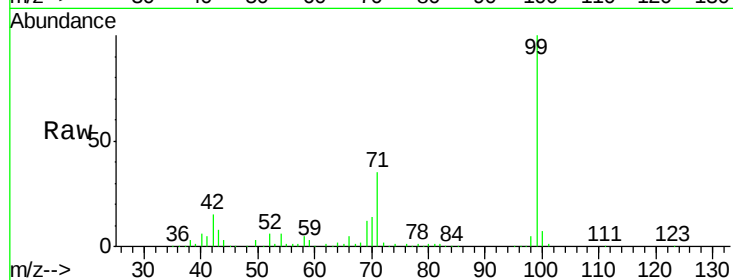
Tot Ion: 99 Resp: 261205

Ion Ratio Lower Upper

99 100

42 15.0 17.3 25.9#

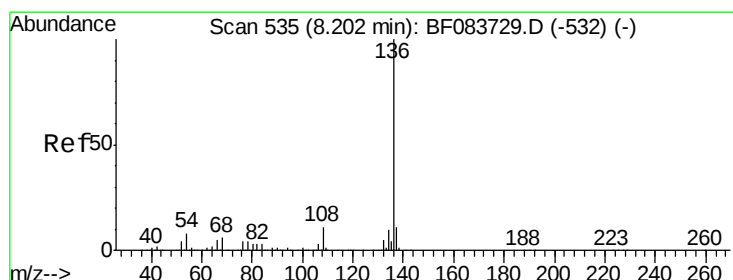
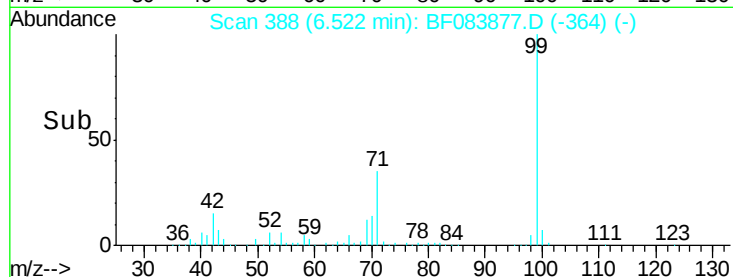
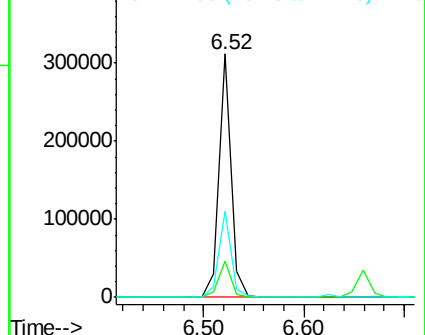
71 35.3 26.6 40.0



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: BF083877.D

Acq: 17 Dec 2015 9:35

Tgt Ion: 136 Resp: 349975

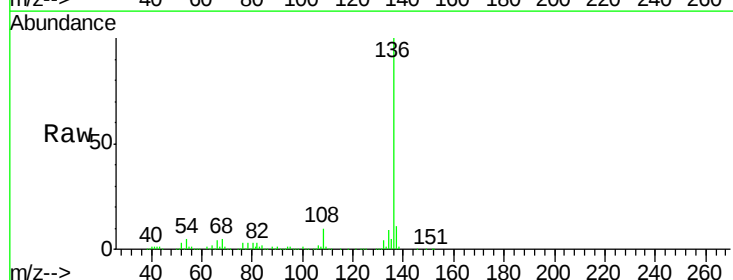
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 5.3 7.8 11.6#

68 4.7 5.7 8.5#

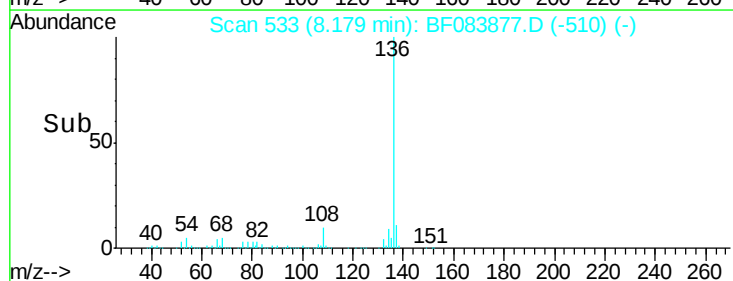
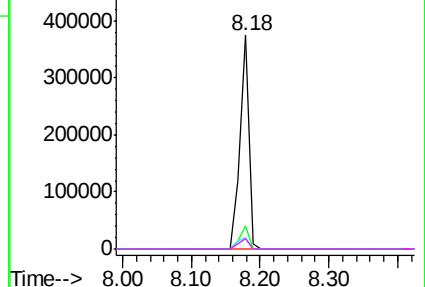


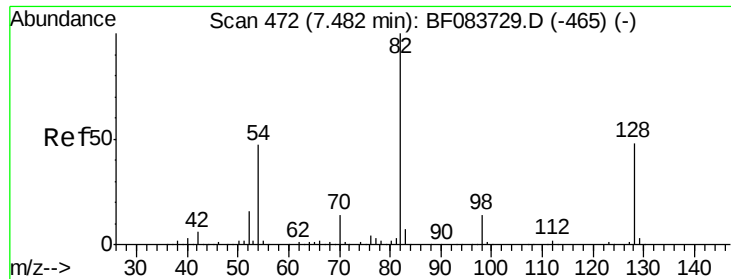
Abundance Ion 136.00 (135.70 to 136.70): E

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

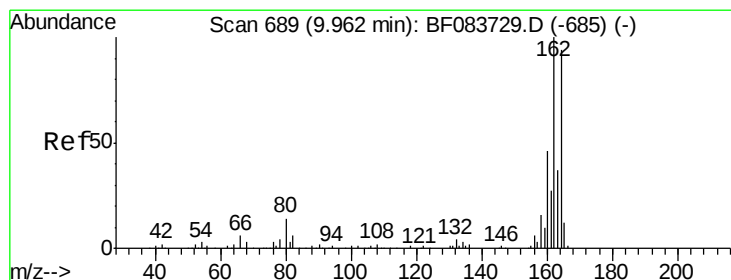
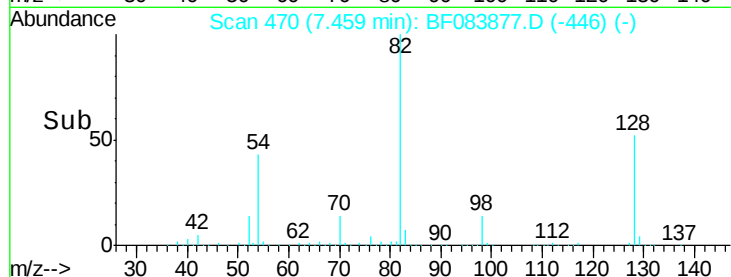
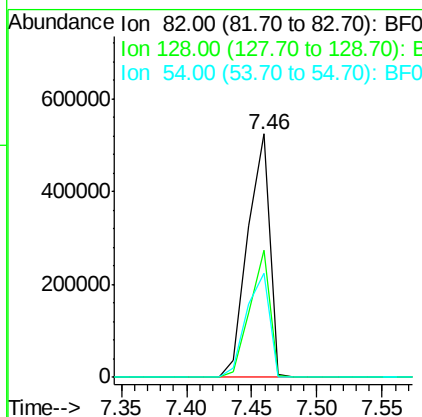
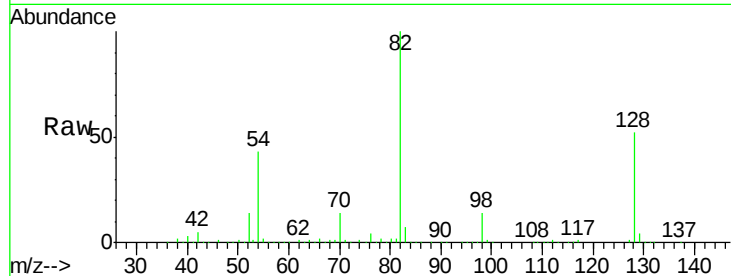




#23
 Nitrobenzene-d5
 Concen: 98.63 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083877.D
 Acq: 17 Dec 2015 9:35

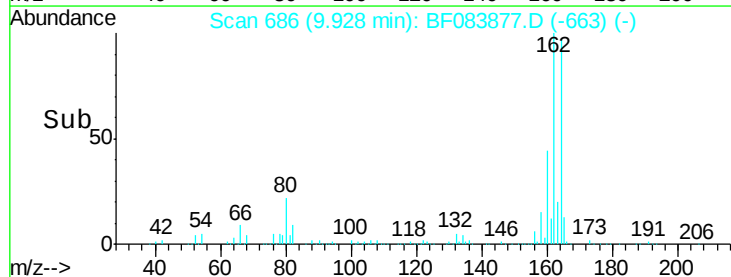
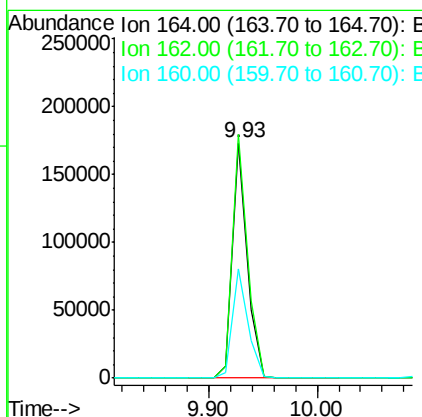
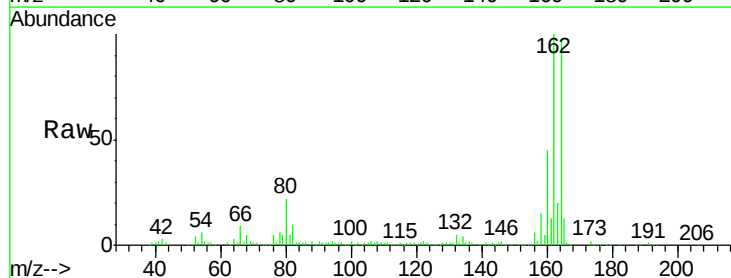
Instrument :
 BNA_F
 ClientSampleId :
 W-09

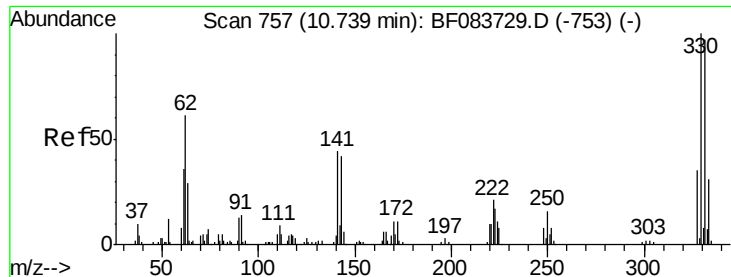
Tot Ion: 82 Resp: 616953
 Ion Ratio Lower Upper
 82 100
 128 52.1 30.7 46.1#
 54 42.8 42.5 63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: BF083877.D
 Acq: 17 Dec 2015 9:35

Tgt Ion:164 Resp: 161238
 Ion Ratio Lower Upper
 164 100
 162 103.6 78.8 118.2
 160 46.4 33.4 50.2

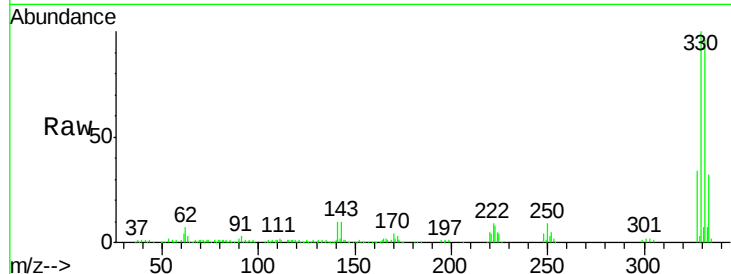




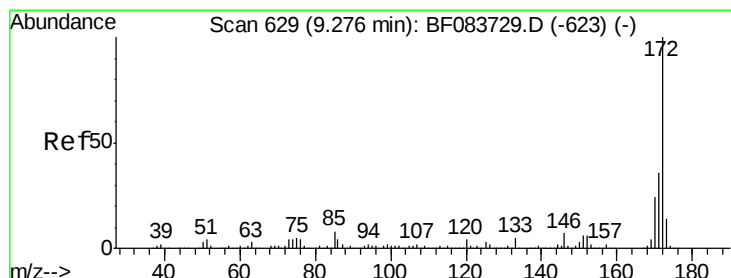
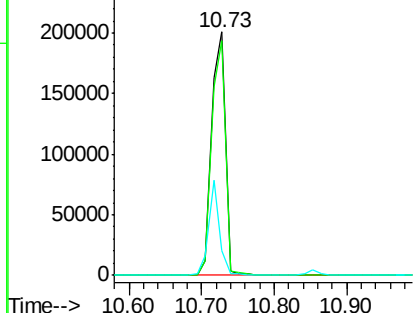
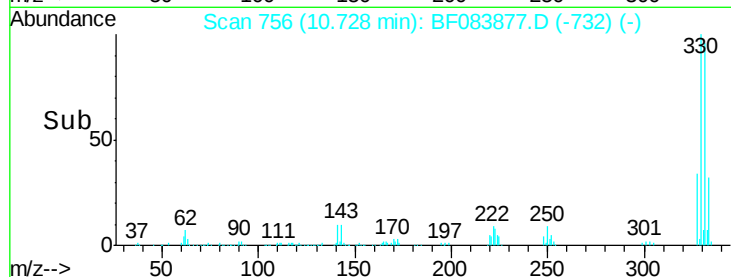
#41
 2,4,6-Tribromophenol
 Concen: 162.15 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083877.D
 Acq: 17 Dec 2015 9:35

Instrument :
 BNA_F
 ClientSampled :
 W-09

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	30.1	0.0	0.0#

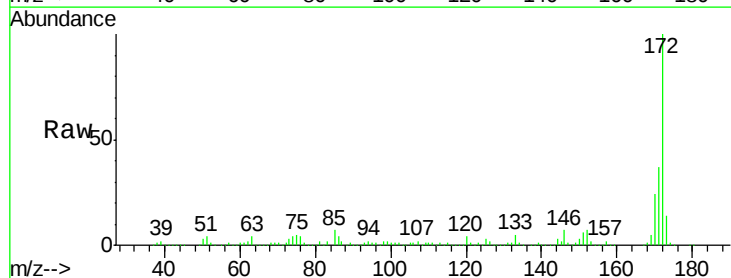


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

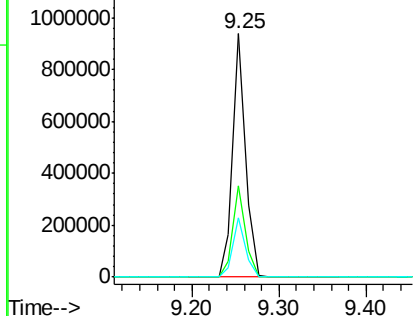
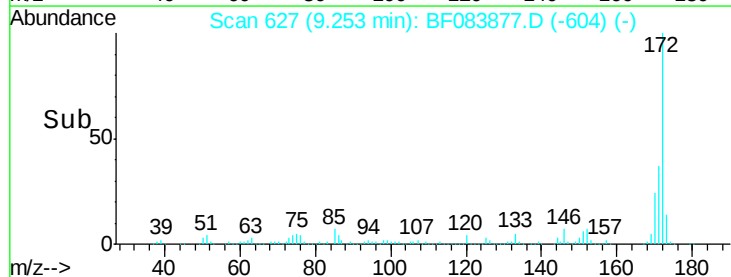


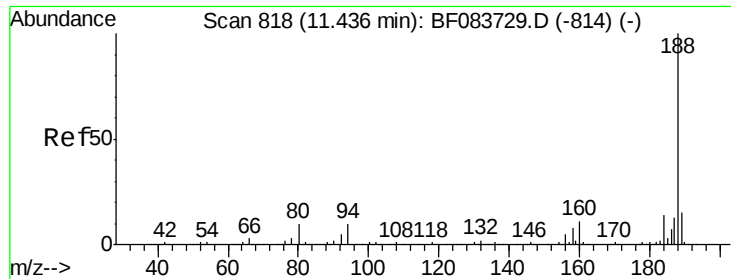
#44
 2-Fluorobiphenyl
 Concen: 88.88 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083877.D
 Acq: 17 Dec 2015 9:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.6	42.8
170	24.4	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

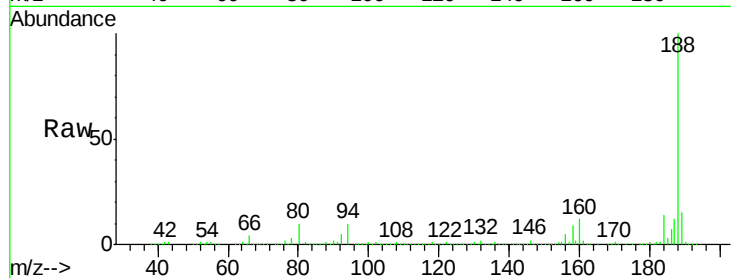




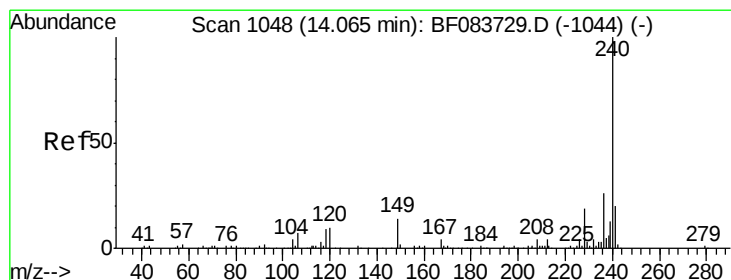
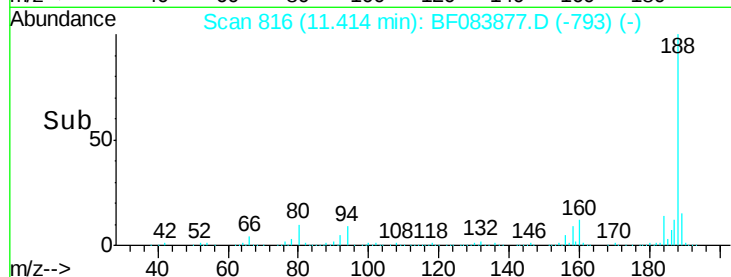
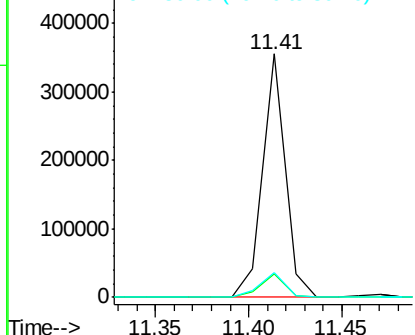
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083877.D
Acq: 17 Dec 2015 9:35

Instrument :
BNA_F
ClientSampleId :
W-09

Tot Ion:188 Resp: 298438
Ion Ratio Lower Upper
188 100
94 9.6 9.4 14.2
80 10.3 10.6 16.0#

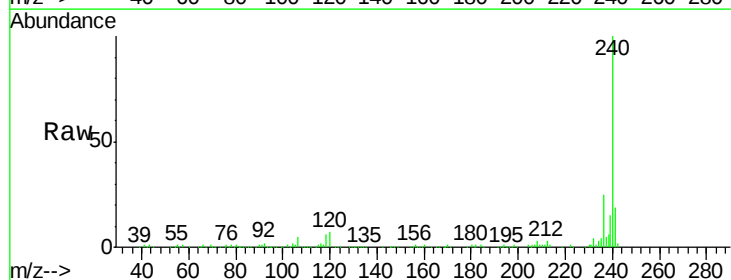


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

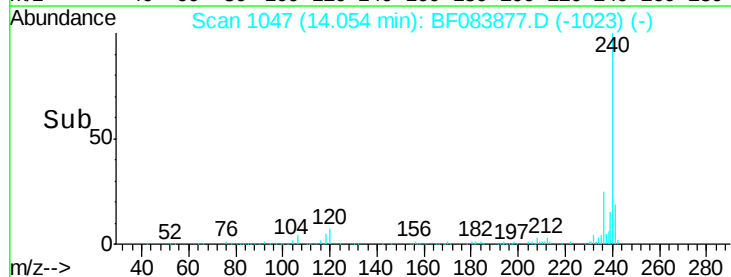
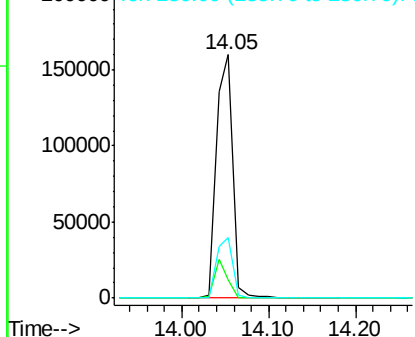


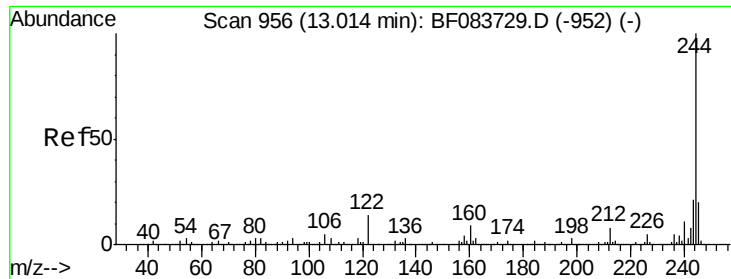
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF083877.D
Acq: 17 Dec 2015 9:35

Tgt Ion:240 Resp: 213620
Ion Ratio Lower Upper
240 100
120 7.3 8.1 12.1#
236 25.0 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

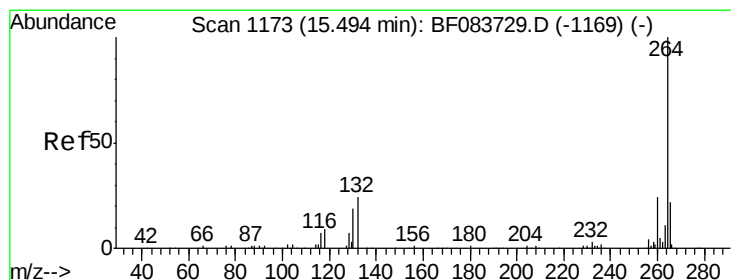
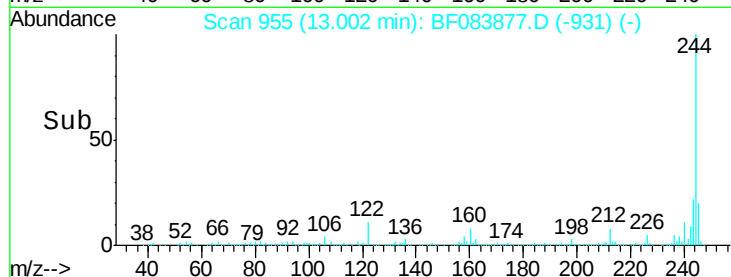
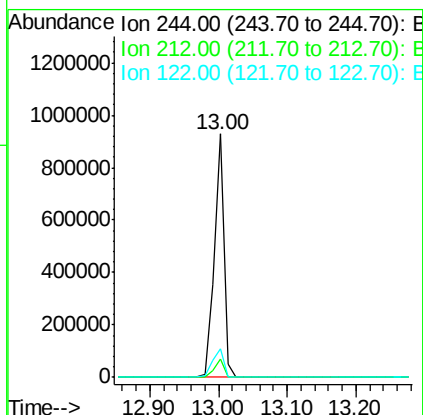
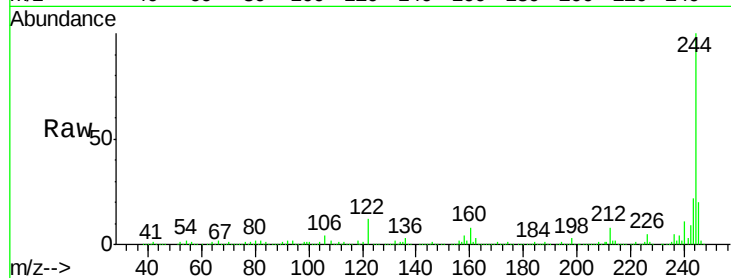




#78
 Terphenyl-d14
 Concen: 93.85 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083877.D
 Acq: 17 Dec 2015 9:35

Instrument :
 BNA_F
 ClientSampleId :
 W-09

Tot Ion:244 Resp: 932002
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 11.5 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: BF083877.D
 Acq: 17 Dec 2015 9:35

Tgt Ion:264 Resp: 177767
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.4 29.0
 265 20.8 17.8 26.6

