

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
 Data File : BF083811.D
 Acq On : 15 Dec 2015 11:30
 Operator : UM/IZ
 Sample : G4743-03RE
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Dec 16 00:43:45 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

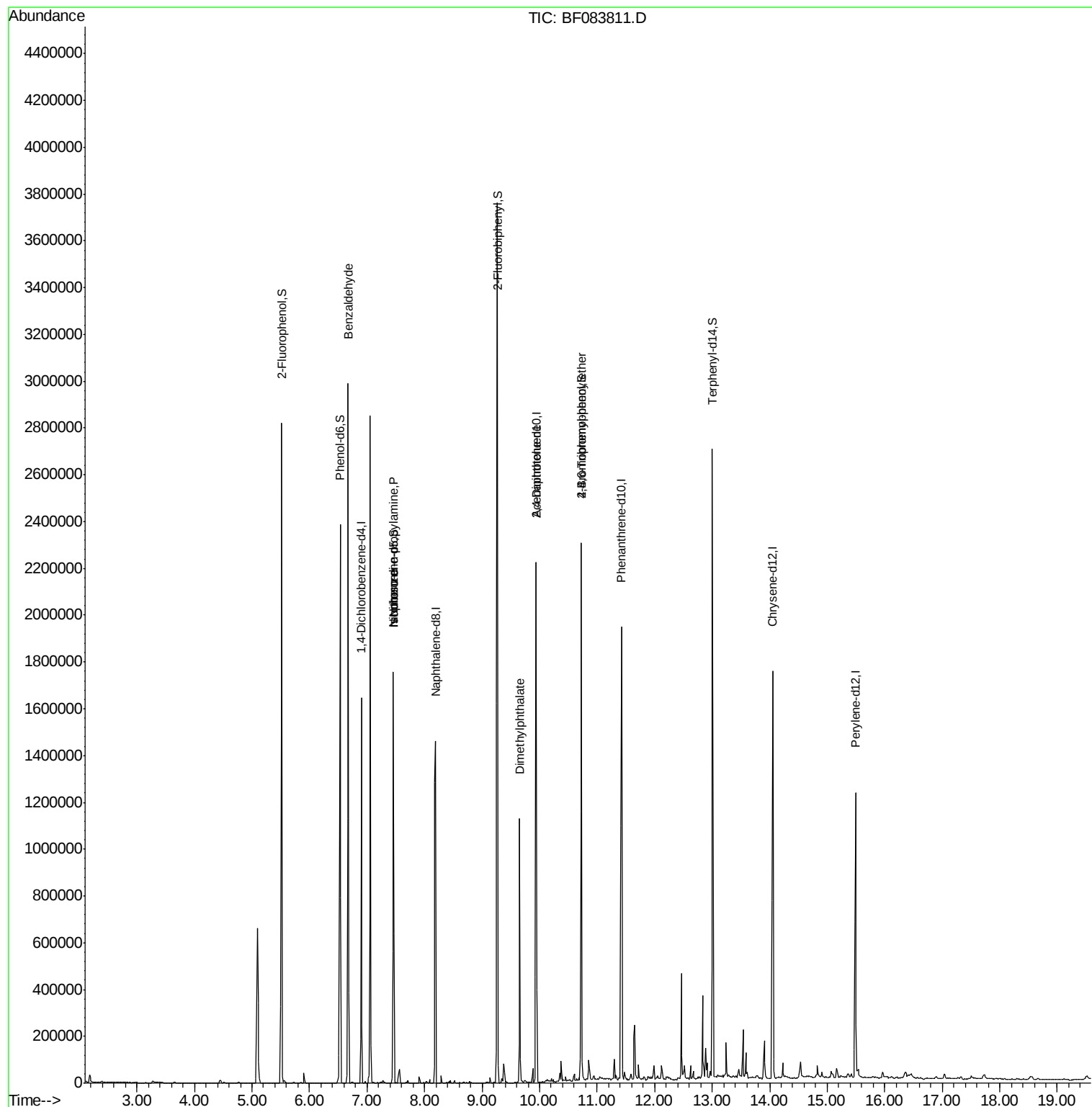
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	233139	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	976026	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	442383	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	833002	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	630876	20.00	ng	-0.02
86) Perylene-d12	15.49	264	545456	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	965723	66.83	ng	-0.01
7) Phenol-d6	6.53	99	1117511	61.06	ng	-0.01
23) Nitrobenzene-d5	7.46	82	707219	40.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	312575	69.34	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1251210	35.50	ng	-0.02
78) Terphenyl-d14	13.00	244	1020302	34.79	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	20700	2.11	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.46	70	93646	8.36	ng	# 71
25) Isophorone	7.46	82	566907	16.56	ng	# 69
49) Dimethylphthalate	9.65	163	428506	12.42	ng	99
56) 2,4-Dinitrotoluene	9.94	165	58842	6.15	ng	# 12
66) 4-Bromophenyl-phenylether	10.73	248	22963	2.47	ng	# 1

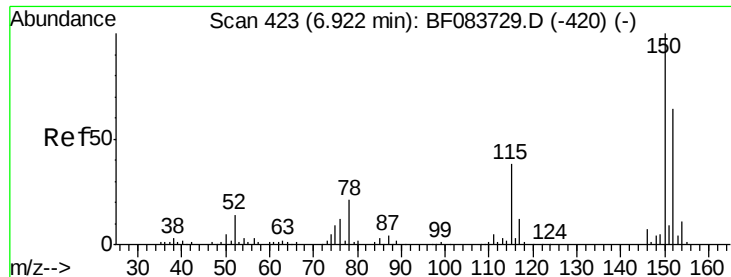
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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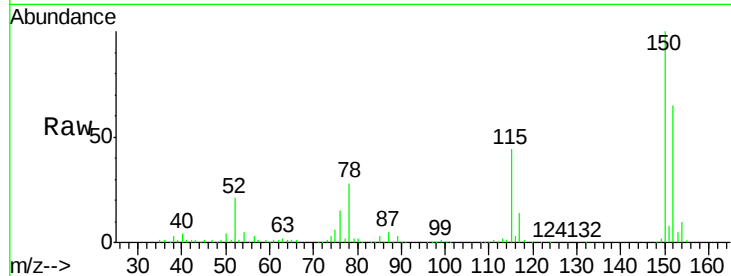


#1

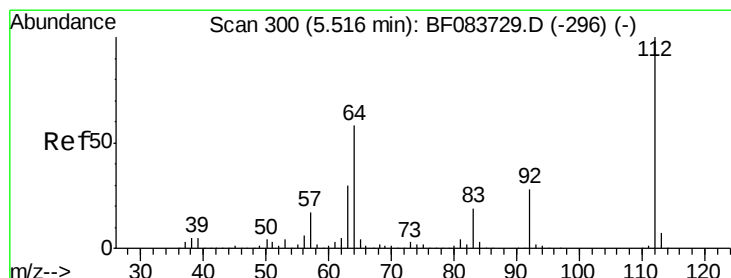
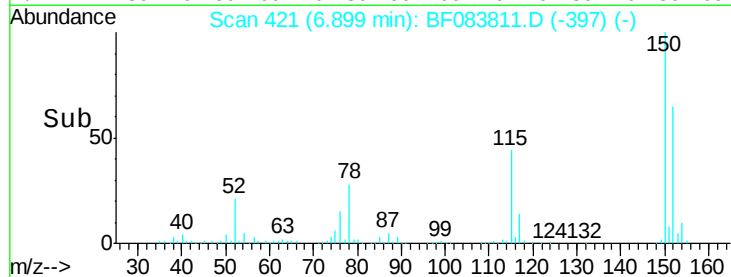
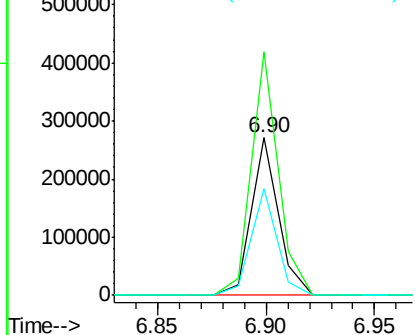
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083811.D
Acq: 15 Dec 2015 11:30

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 233139
Ion Ratio Lower Upper
152 100
150 154.5 126.5 189.7
115 67.5 52.3 78.5



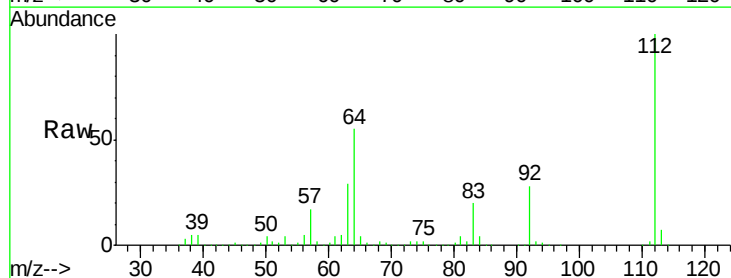
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



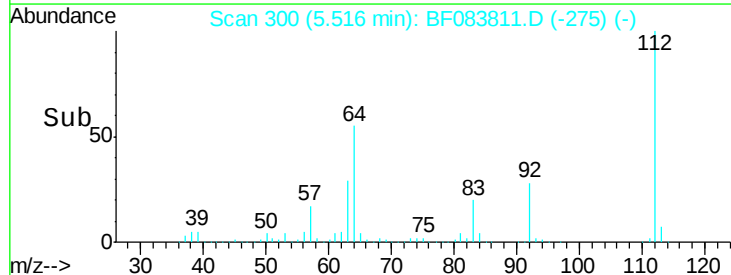
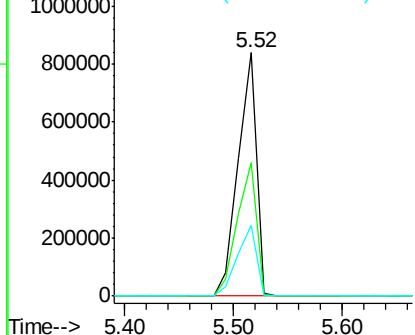
#5

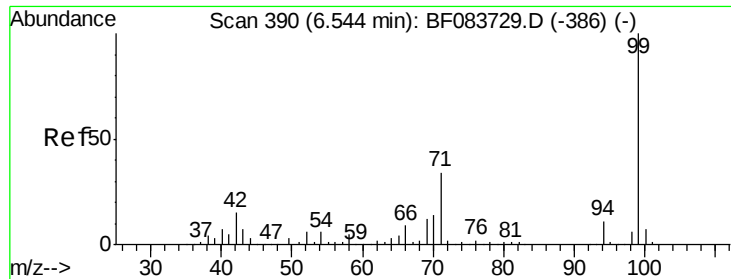
2-Fluorophenol
Concen: 66.83 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083811.D
Acq: 15 Dec 2015 11:30

Tgt Ion:112 Resp: 965723
Ion Ratio Lower Upper
112 100
64 55.1 50.5 75.7
63 28.9 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: 61.06 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083811.D

Acq: 15 Dec 2015 11:30

Instrument :

BNA_F

ClientSampled :

DFTPP

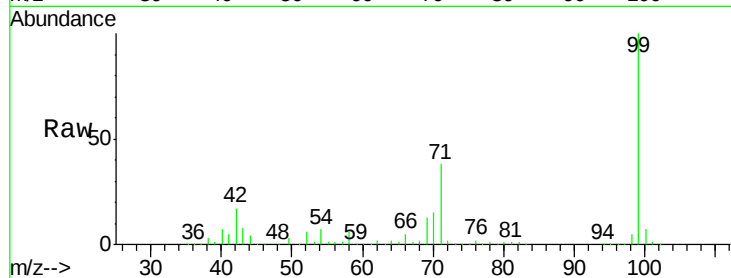
Tgt Ion: 99 Resp: 1117511

Ion Ratio Lower Upper

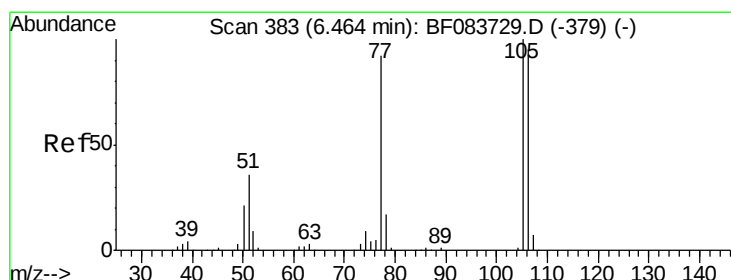
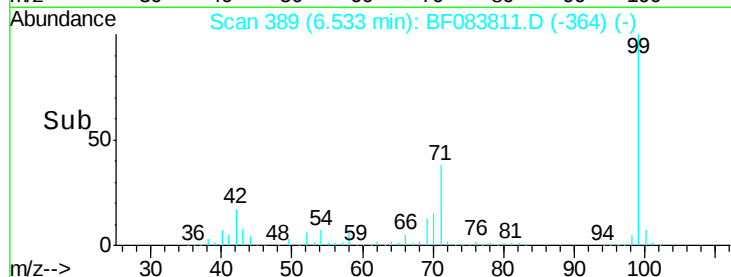
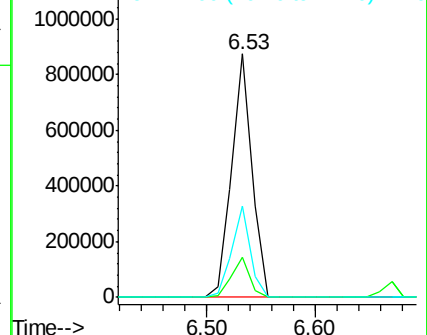
99 100

42 16.7 17.3 25.9#

71 37.5 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



#9

Benzaldehyde

Concen: 2.11 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083811.D

Acq: 15 Dec 2015 11:30

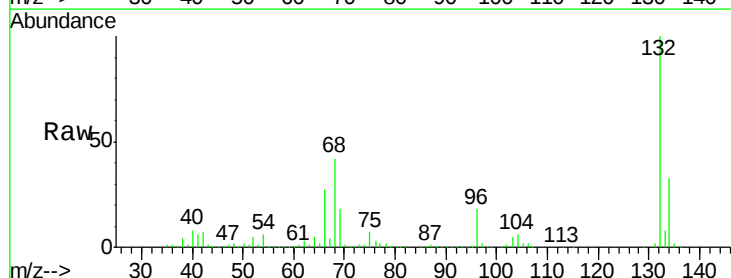
Tgt Ion: 77 Resp: 20700

Ion Ratio Lower Upper

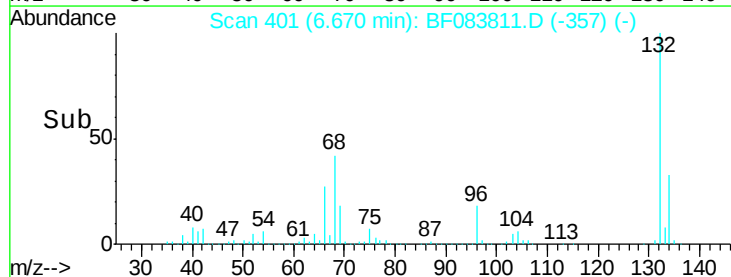
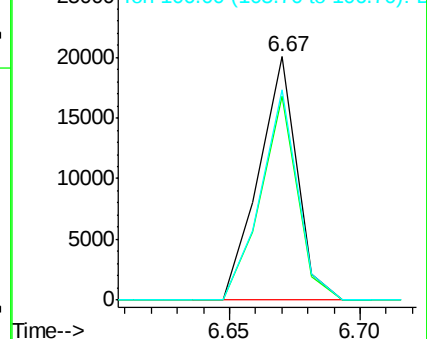
77 100

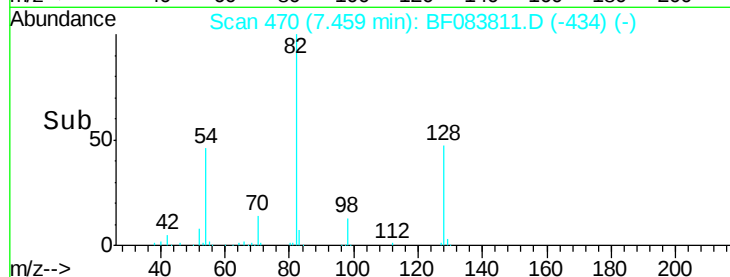
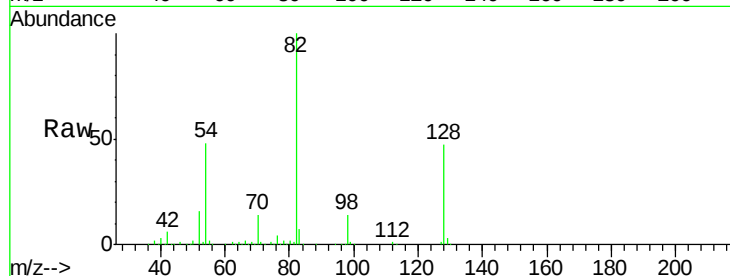
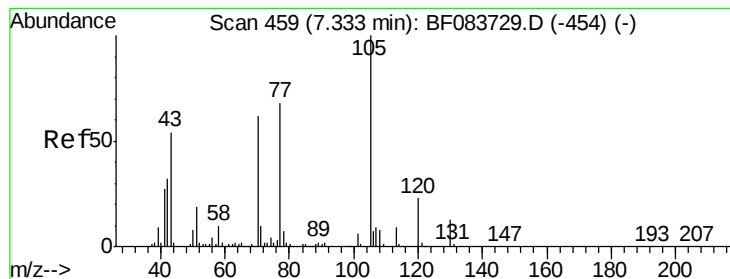
105 83.6 71.8 111.8

106 86.5 66.8 106.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 8.36 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.11 min

Lab File: BF083811.D

Acq: 15 Dec 2015 11:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion: 70 Resp: 93646

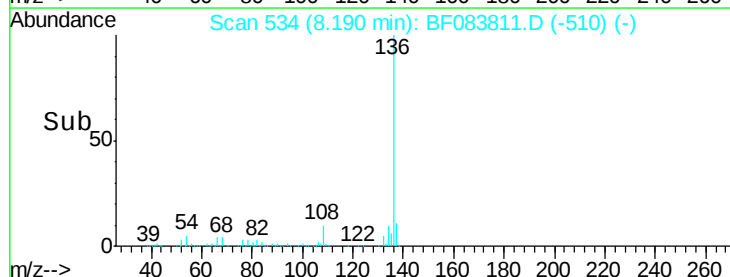
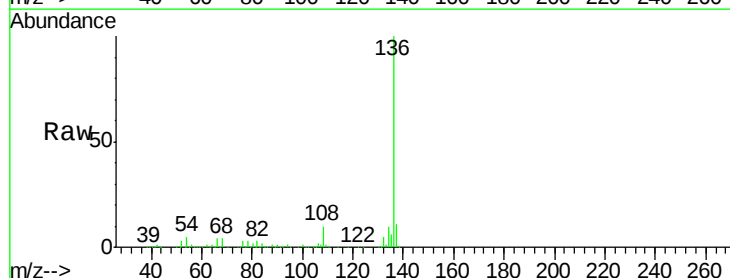
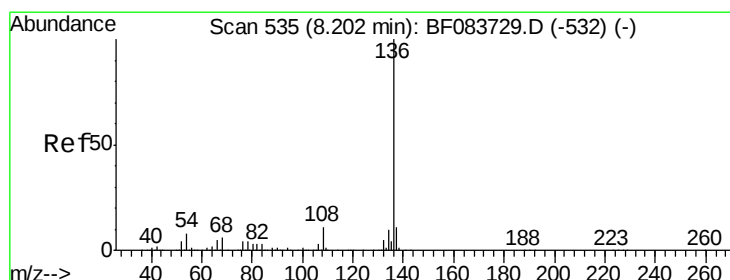
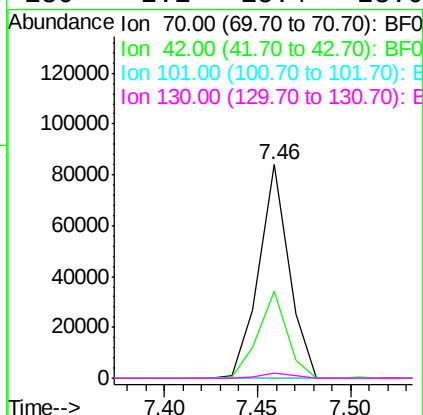
Ion Ratio Lower Upper

70 100

42 40.7 49.2 73.8#

101 0.0 7.1 10.7#

130 2.1 15.4 23.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF083811.D

Acq: 15 Dec 2015 11:30

Tgt Ion: 136 Resp: 976026

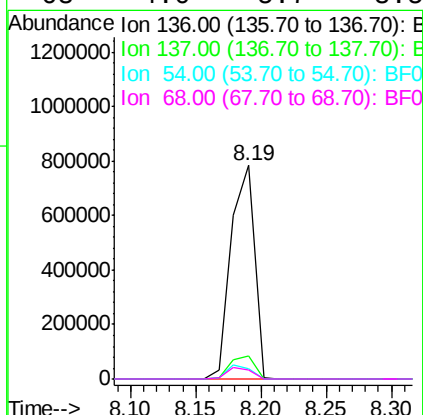
Ion Ratio Lower Upper

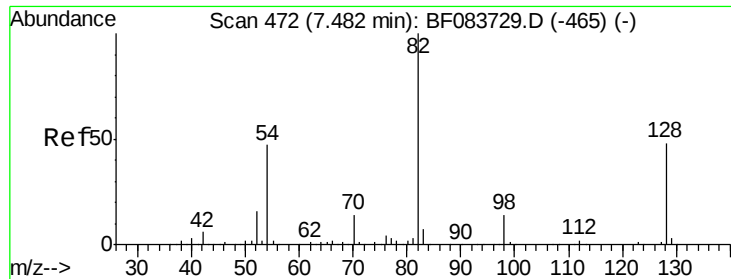
136 100

137 10.9 8.7 13.1

54 4.7 7.8 11.6#

68 4.0 5.7 8.5#

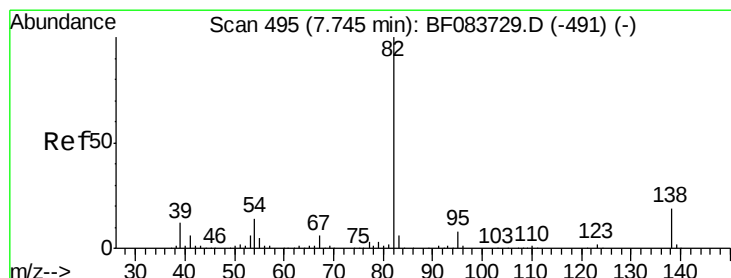
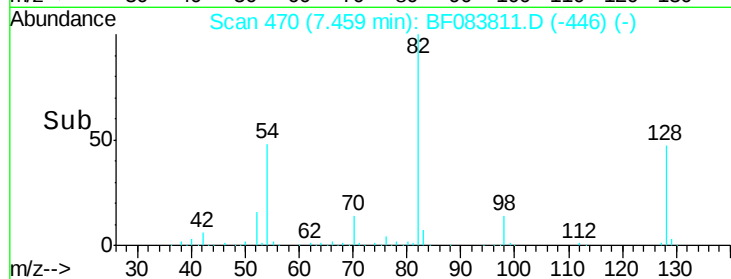
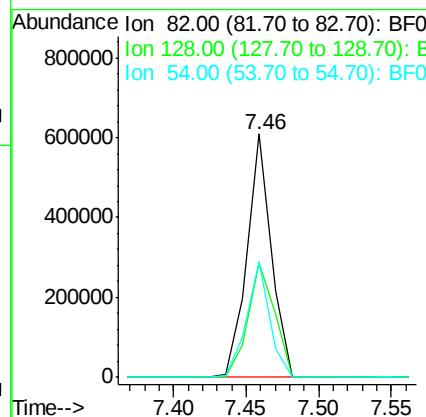
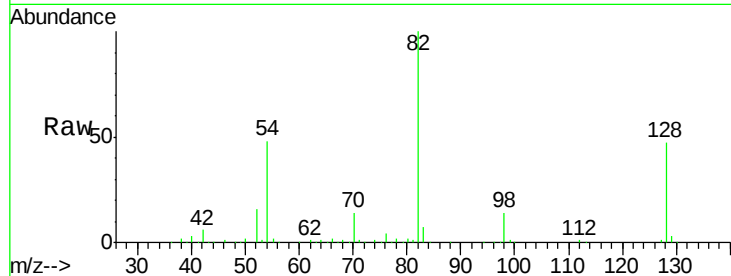




#23
 Nitrobenzene-d5
 Concen: 40.54 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083811.D
 Acq: 15 Dec 2015 11:30

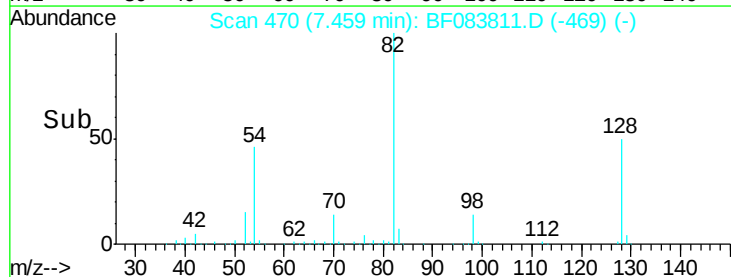
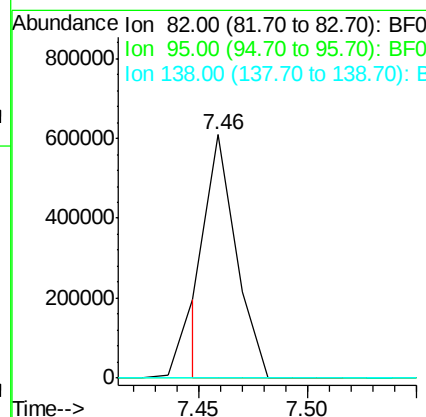
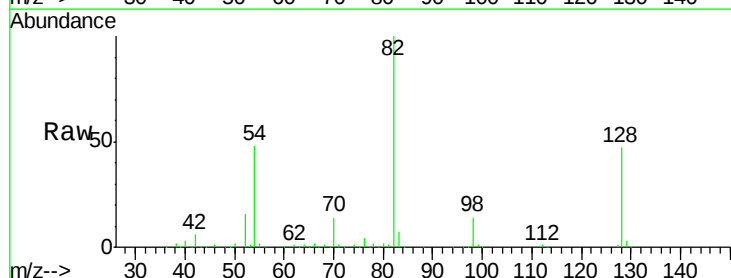
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

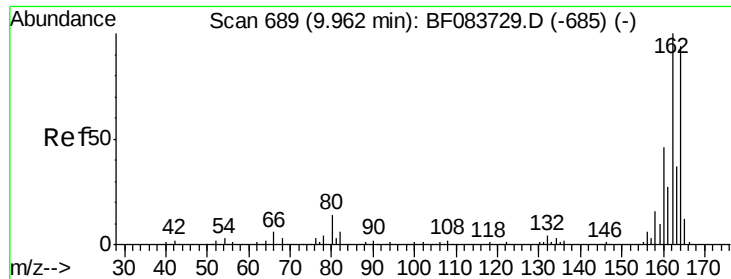
Tgt Ion: 82 Resp: 707219
 Ion Ratio Lower Upper
 82 100
 128 46.7 30.7 46.1#
 54 47.5 42.5 63.7



#25
 Isophorone
 Concen: 16.56 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.29 min
 Lab File: BF083811.D
 Acq: 15 Dec 2015 11:30

Tgt Ion: 82 Resp: 566907
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.0 7.4#
 138 0.0 12.1 18.1#

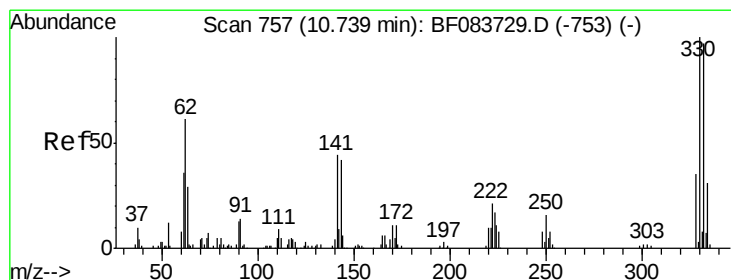
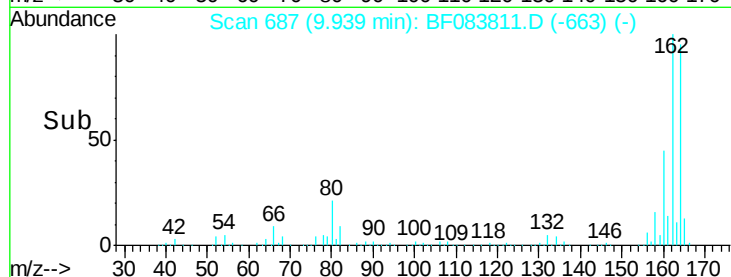
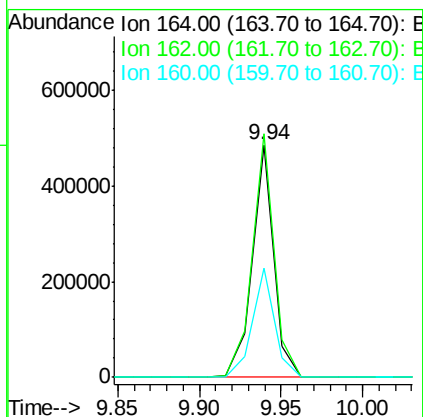
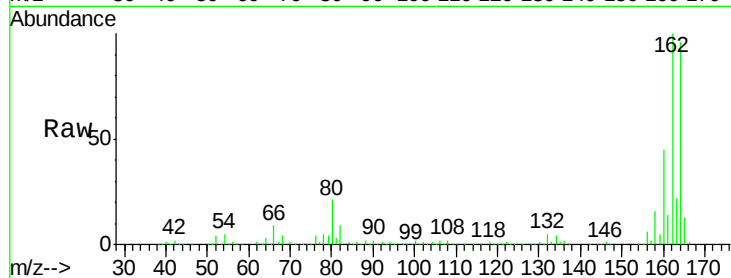




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083811.D
Acq: 15 Dec 2015 11:30

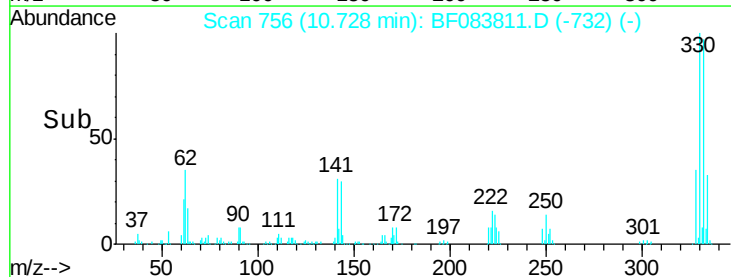
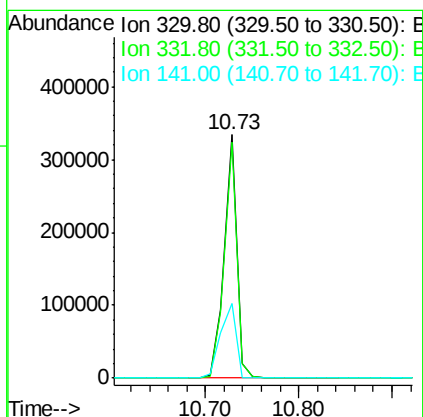
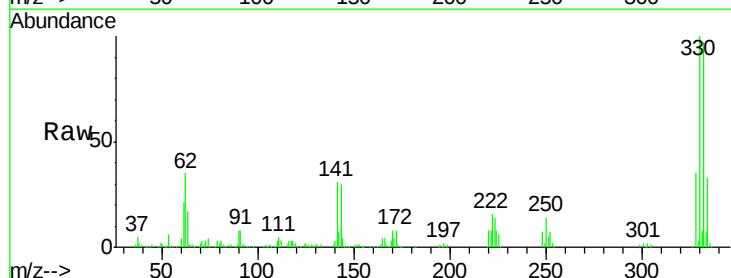
Instrument :
BNA_F
ClientSampleId :
DFTPP

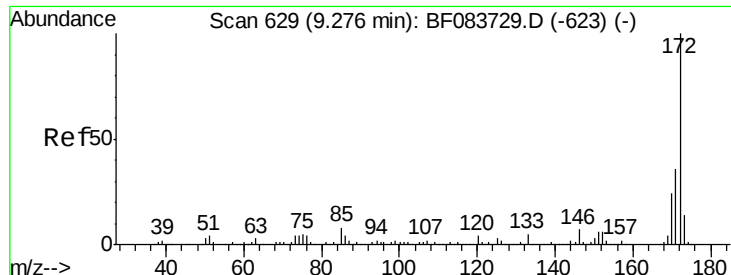
Tgt Ion:164 Resp: 442383
Ion Ratio Lower Upper
164 100
162 104.7 78.8 118.2
160 47.1 33.4 50.2



#41
2,4,6-Tribromophenol
Concen: 69.34 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF083811.D
Acq: 15 Dec 2015 11:30

Tgt Ion:330 Resp: 312575
Ion Ratio Lower Upper
330 100
332 96.9 0.0 0.0#
141 37.9 0.0 0.0#

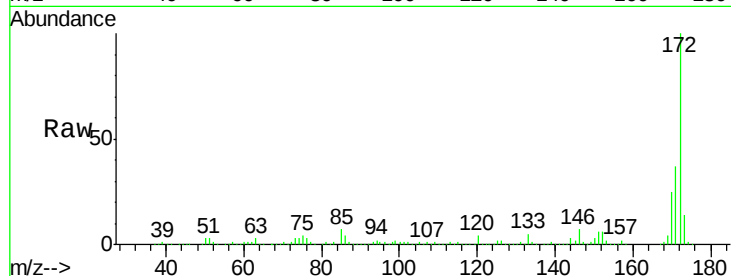




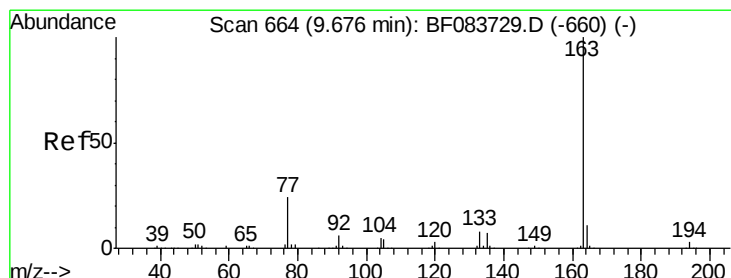
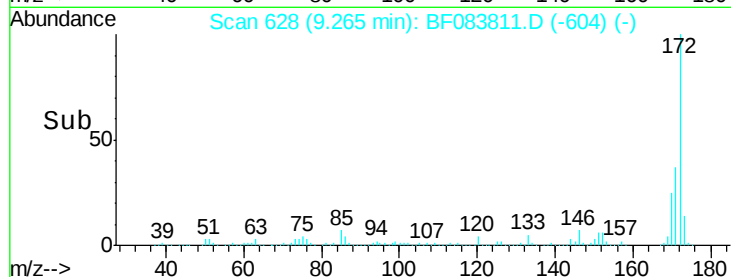
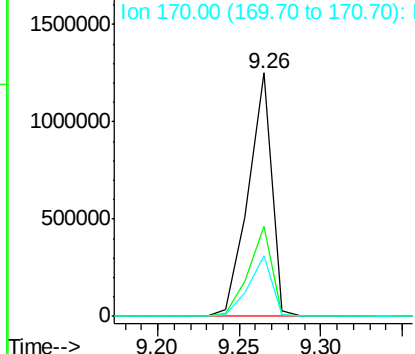
#44
 2-Fluorobiphenyl
 Concen: 35.50 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083811.D
 Acq: 15 Dec 2015 11:30

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:172 Resp: 1251210
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.6 42.8
 170 24.8 19.4 29.0

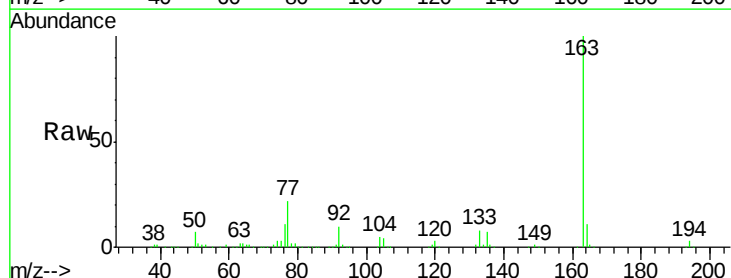


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

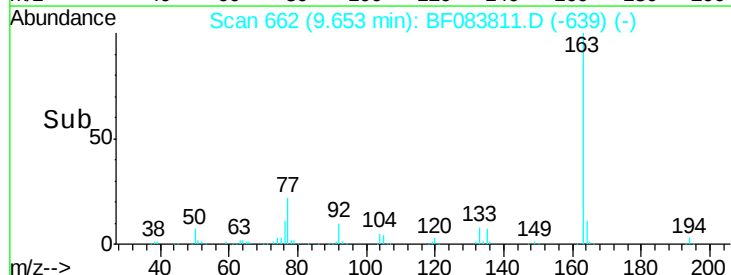
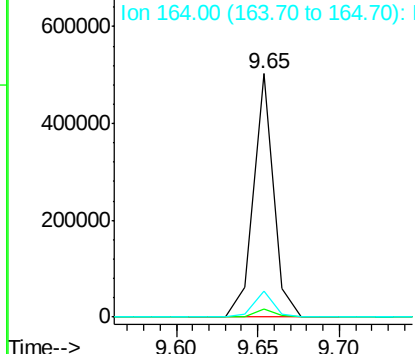


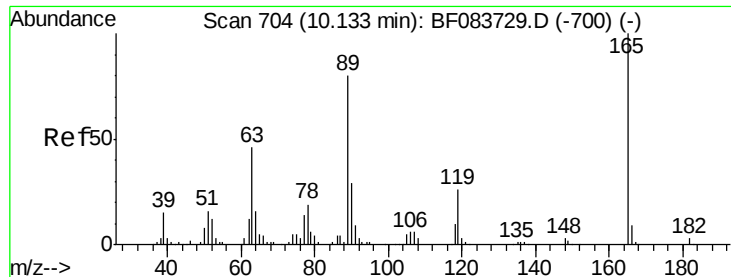
#49
 Dimethylphthalate
 Concen: 12.42 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.03 min
 Lab File: BF083811.D
 Acq: 15 Dec 2015 11:30

Tgt Ion:163 Resp: 428506
 Ion Ratio Lower Upper
 163 100
 194 3.2 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





#56

2,4-Dinitrotoluene

Concen: 6.15 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.20 min

Lab File: BF083811.D

Acq: 15 Dec 2015 11:30

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion:165 Resp: 58842

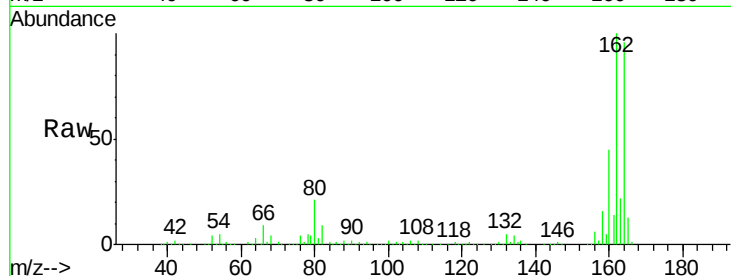
Ion Ratio Lower Upper

165 100

63 1.1 51.4 77.2#

89 1.5 72.6 108.8#

182 0.0 1.4 2.0#

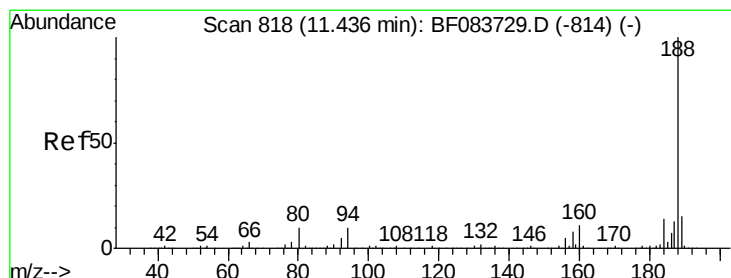
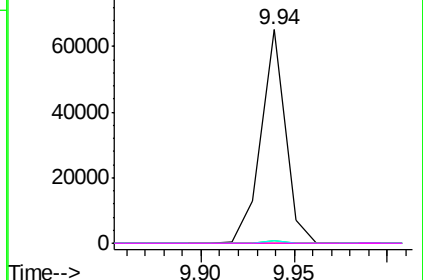
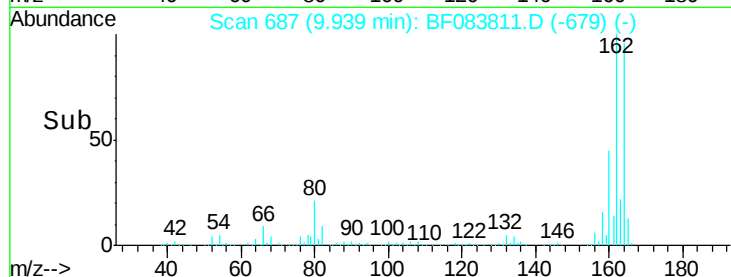


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF083811.D

Acq: 15 Dec 2015 11:30

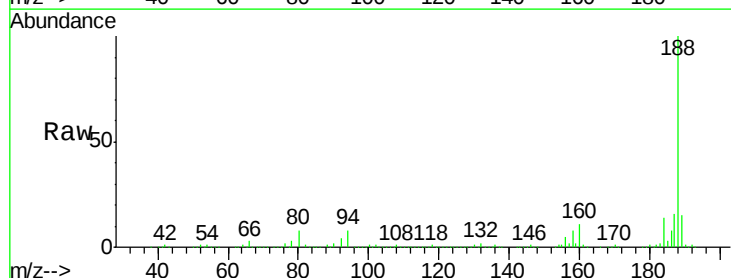
Tgt Ion:188 Resp: 833002

Ion Ratio Lower Upper

188 100

94 7.8 9.4 14.2#

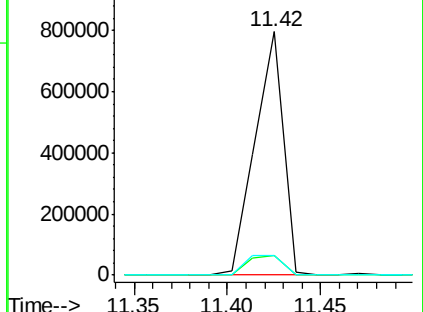
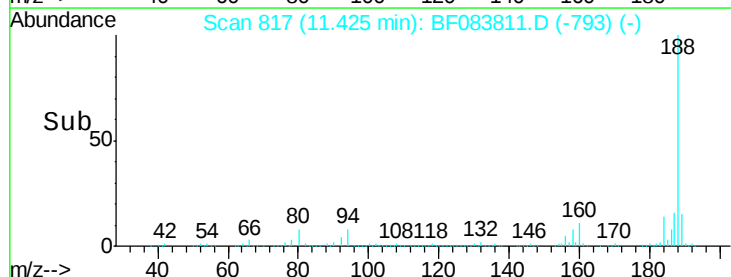
80 8.0 10.6 16.0#

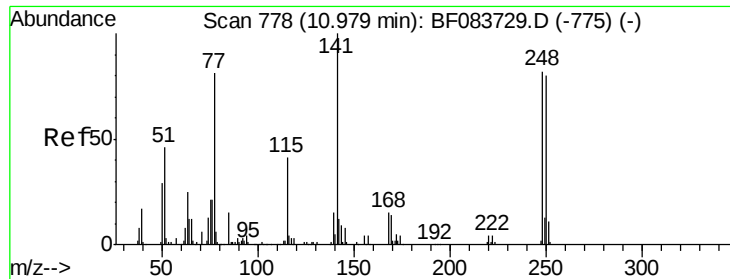


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

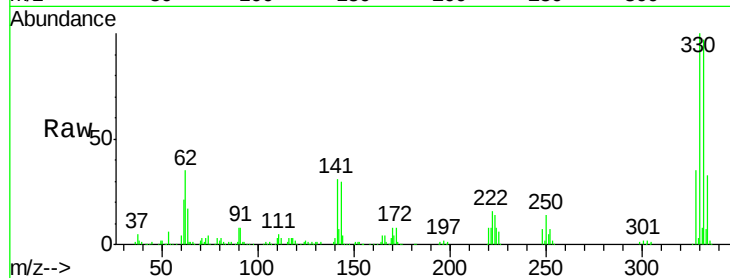




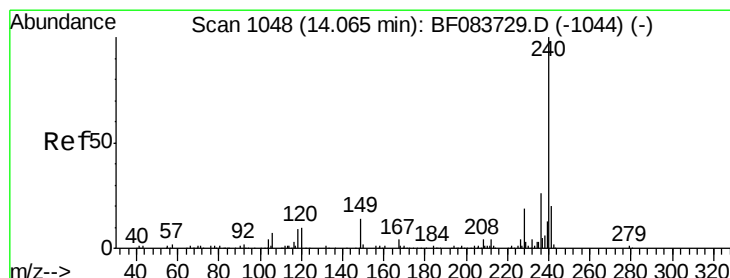
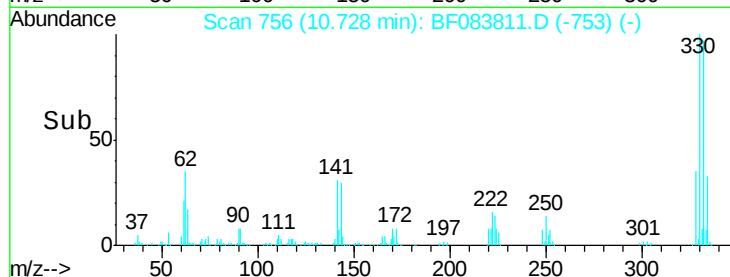
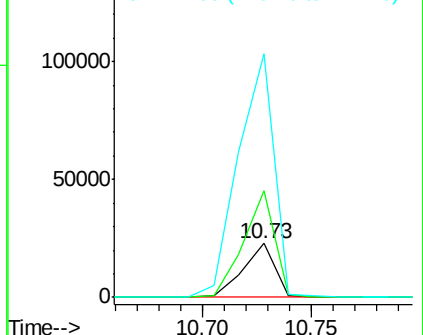
#66
 4-Bromophenyl-phenylether
 Concen: 2.47 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.26 min
 Lab File: BF083811.D
 Acq: 15 Dec 2015 11:30

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:248 Resp: 22963
 Ion Ratio Lower Upper
 248 100
 250 197.0 79.2 118.8#
 141 450.0 58.2 87.4#

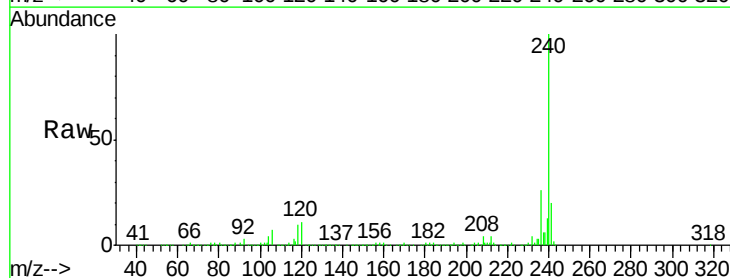


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

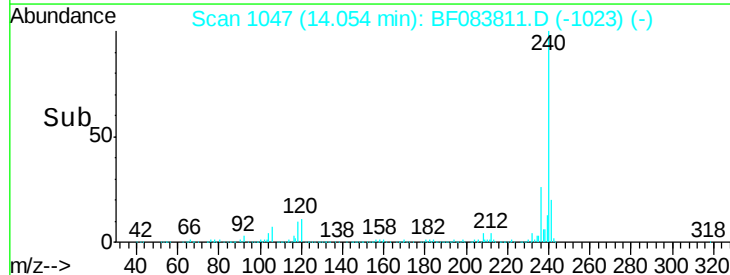
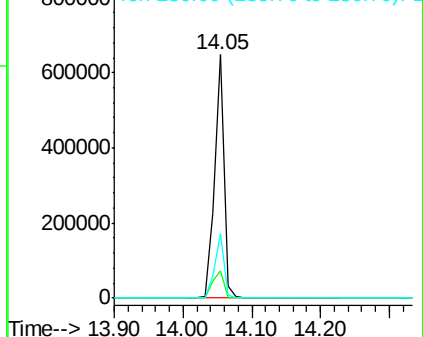


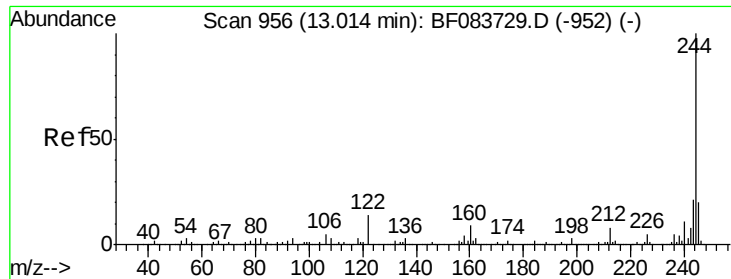
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF083811.D
 Acq: 15 Dec 2015 11:30

Tgt Ion:240 Resp: 630876
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.1 12.1
 236 26.2 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

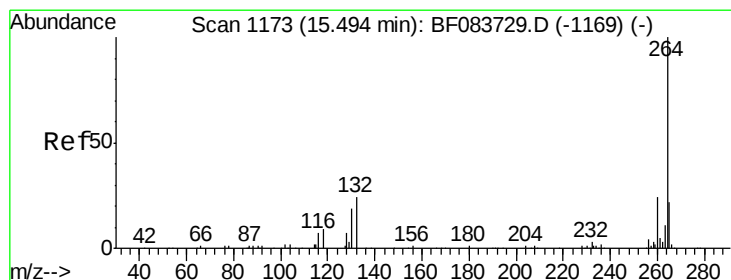
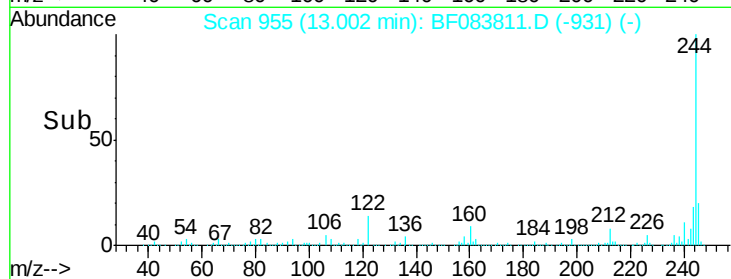
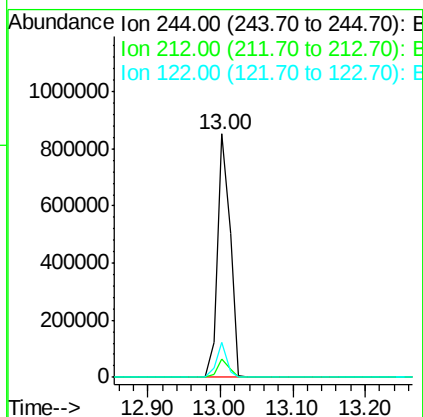
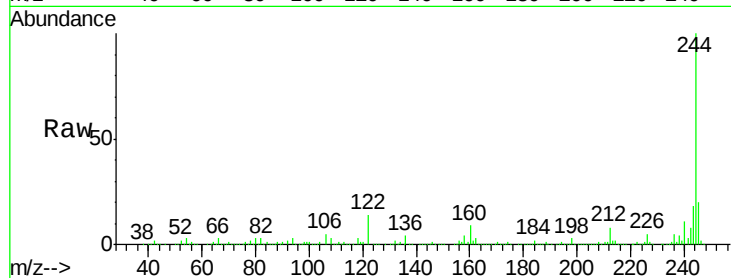




#78
 Terphenyl-d14
 Concen: 34.79 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083811.D
 Acq: 15 Dec 2015 11:30

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:244 Resp: 1020302
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 14.4 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: BF083811.D
 Acq: 15 Dec 2015 11:30

Tgt Ion:264 Resp: 545456
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 21.9 17.8 26.6

