

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
 Data File : BF083618.D
 Acq On : 9 Dec 2015 2:50
 Operator : UM/IZ
 Sample : G4650-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Dec 09 05:57:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

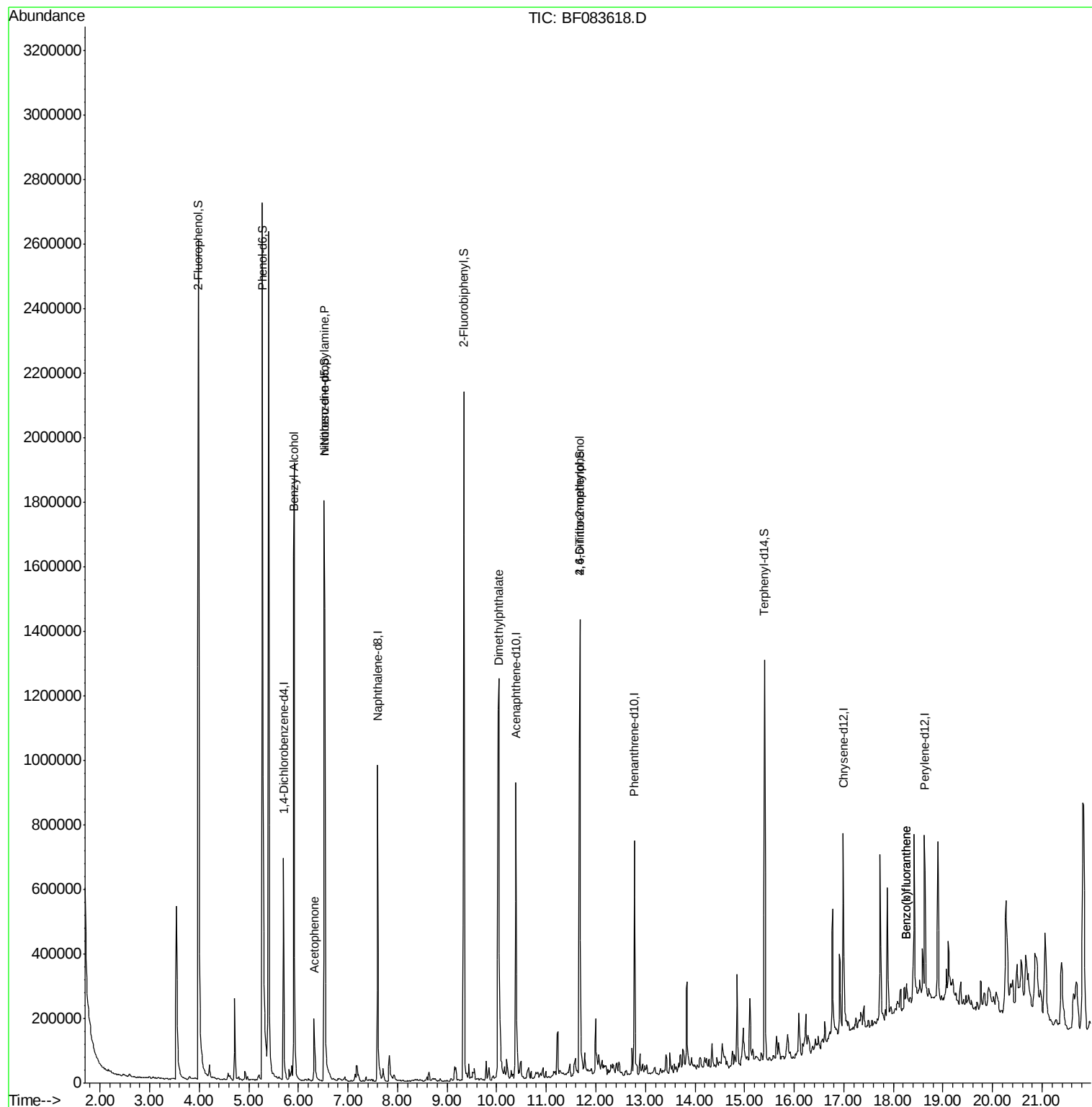
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	156118	20.00	ng	0.00
21) Naphthalene-d8	7.60	136	596557	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	268147	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	405361	20.00	ng	-0.01
75) Chrysene-d12	16.99	240	284724	20.00	ng	0.00
86) Perylene-d12	18.63	264	280635	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.98	112	1106296	107.48	ng	0.01
7) Phenol-d6	5.28	99	1542668	112.17	ng	0.00
23) Nitrobenzene-d5	6.52	82	946462	74.03	ng	-0.01
41) 2,4,6-Tribromophenol	11.68	330	232306	97.24	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1060498	55.66	ng	-0.01
78) Terphenyl-d14	15.40	244	539057	44.55	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	5.90	79	19720	2.02	ng	# 42
19) n-Nitroso-di-n-propylamine	6.52	70	121555	12.66	ng	# 80
22) Acetophenone	6.32	105	103889	6.21	ng	# 98
49) Dimethylphthalate	10.03	163	325599	15.25	ng	# 97
64) 4,6-Dinitro-2-methylphenol	11.68	198	347	2.07	ng	# 1
87) Benzo(b)fluoranthene	18.26	252	44573	2.79	ng	# 89
88) Benzo(k)fluoranthene	18.26	252	44573	2.53	ng	# 93

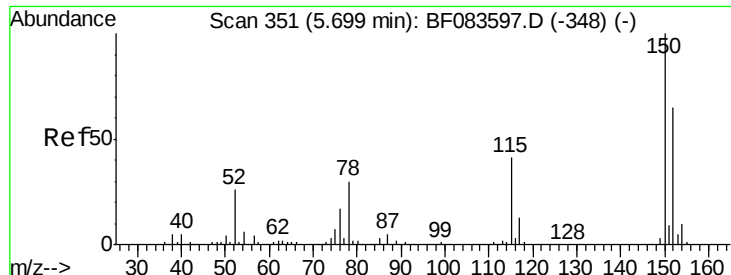
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 09 00:23:35 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.70 min Scan# 351

Delta R.T. 0.00 min

Lab File: BF083618.D

Acq: 9 Dec 2015 2:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

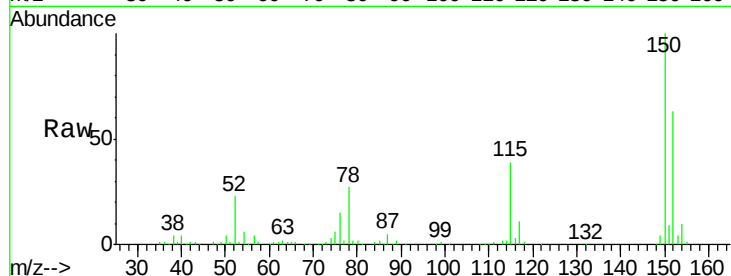
Tgt Ion:152 Resp: 156118

Ion Ratio Lower Upper

152 100

150 159.5 126.5 189.7

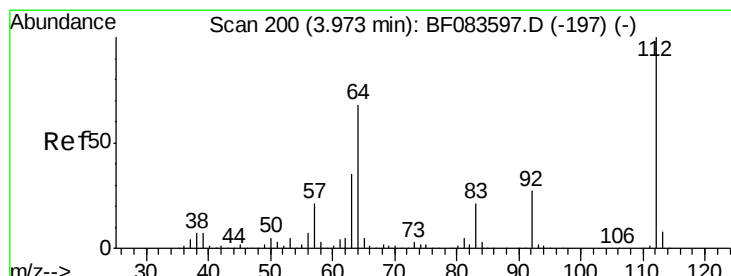
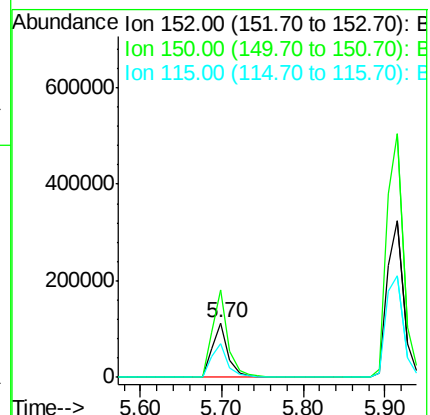
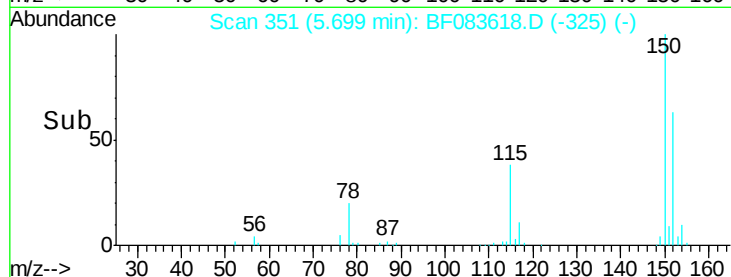
115 61.9 52.3 78.5



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: 107.48 ng

RT: 3.98 min Scan# 201

Delta R.T. 0.01 min

Lab File: BF083618.D

Acq: 9 Dec 2015 2:50

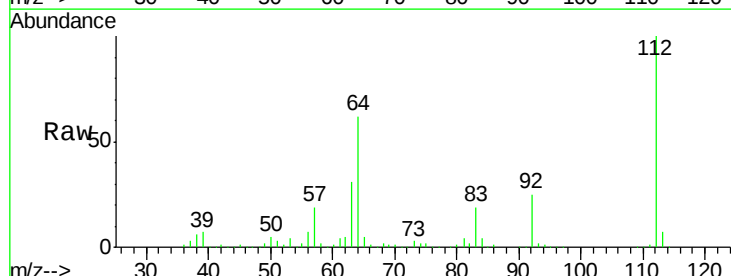
Tgt Ion:112 Resp: 1106296

Ion Ratio Lower Upper

112 100

64 62.4 50.5 75.7

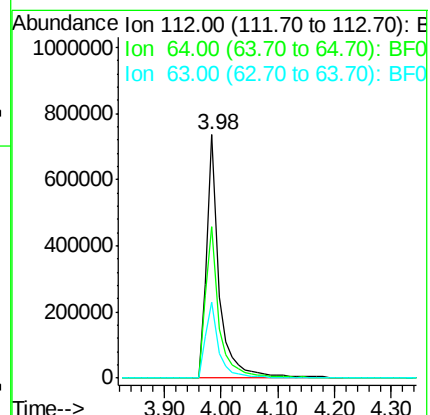
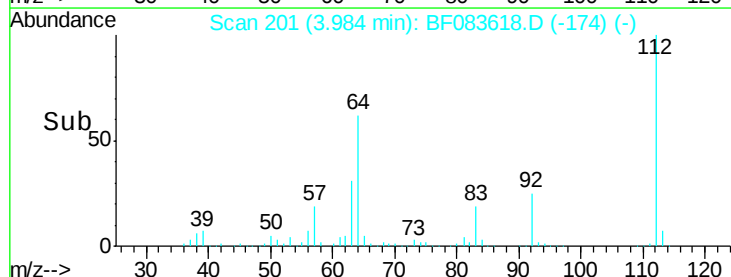
63 31.2 25.8 38.6

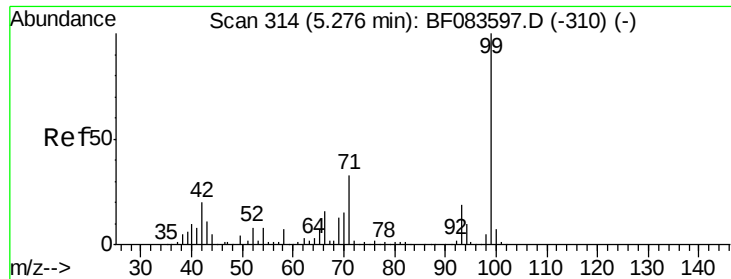


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.17 ng

RT: 5.28 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF083618.D

Acq: 9 Dec 2015 2:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

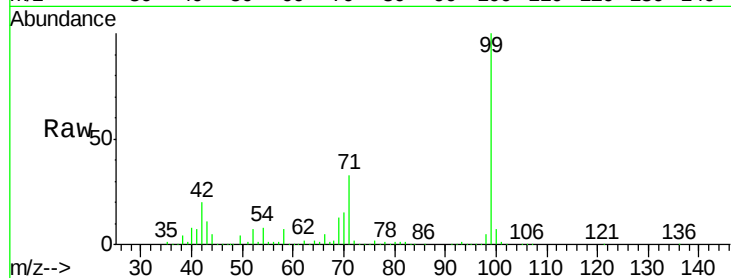
Tgt Ion: 99 Resp: 1542668

Ion Ratio Lower Upper

99 100

42 20.1 17.3 25.9

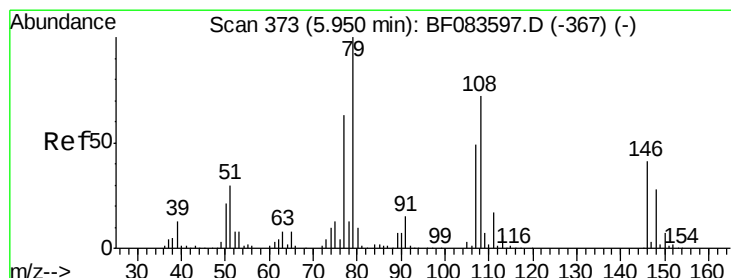
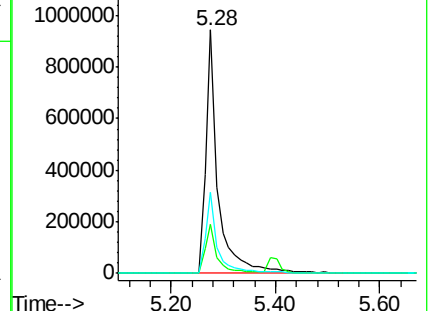
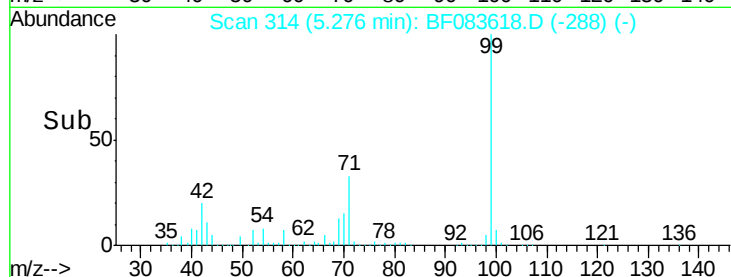
71 33.4 26.6 40.0



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



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 5.90 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF083618.D

Acq: 9 Dec 2015 2:50

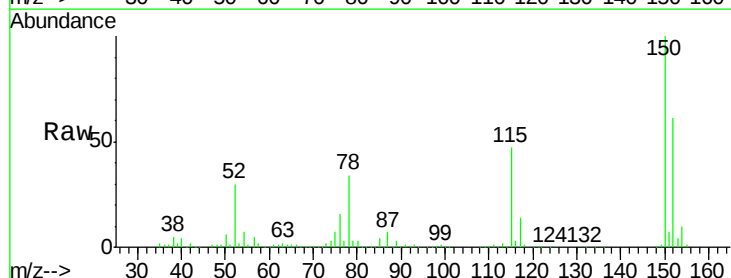
Tgt Ion: 79 Resp: 19720

Ion Ratio Lower Upper

79 100

108 18.9 59.6 89.4#

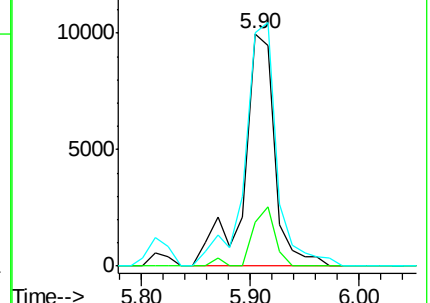
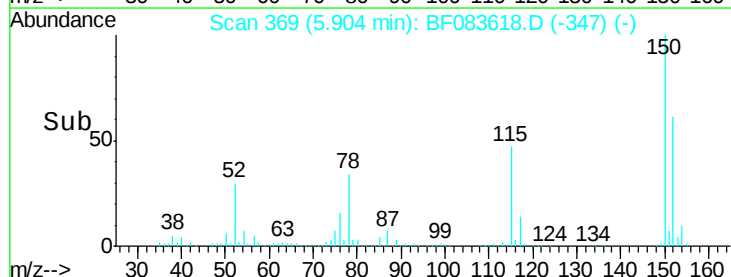
77 100.4 49.8 74.6#

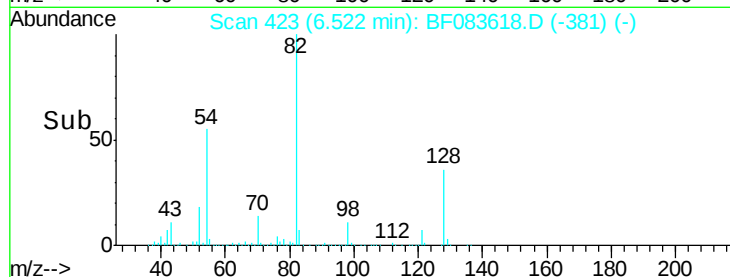
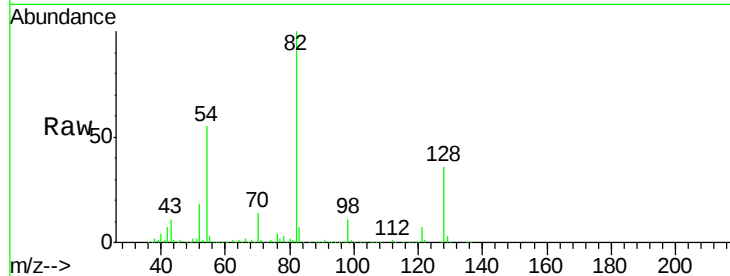
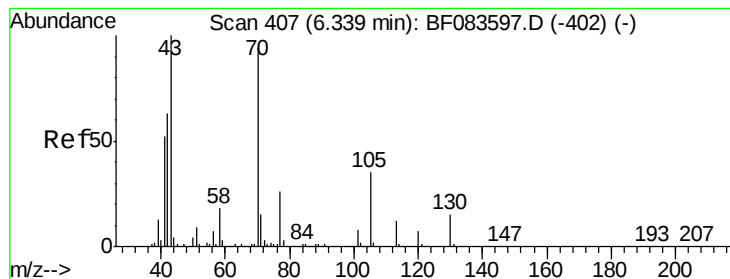


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): B

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 12.66 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.18 min

Lab File: BF083618.D

Acq: 9 Dec 2015 2:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion: 70 Resp: 121555

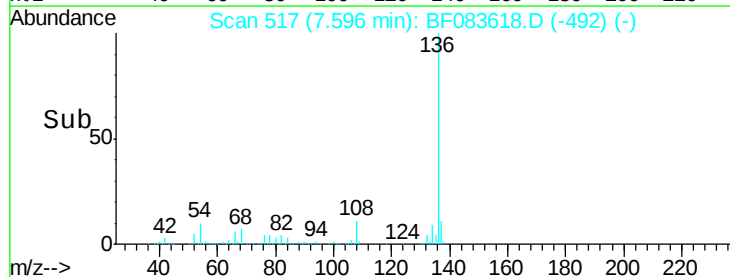
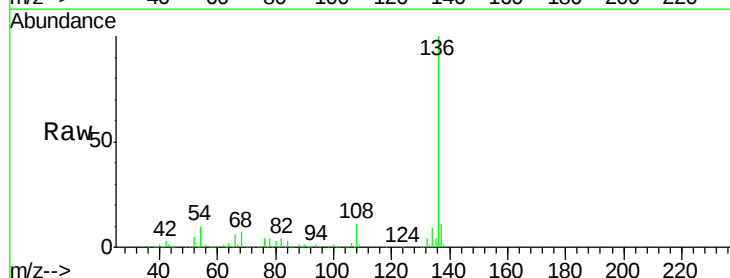
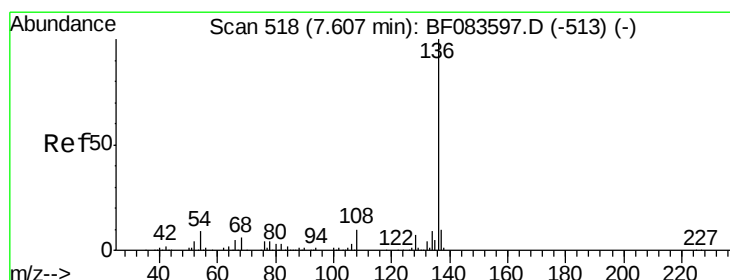
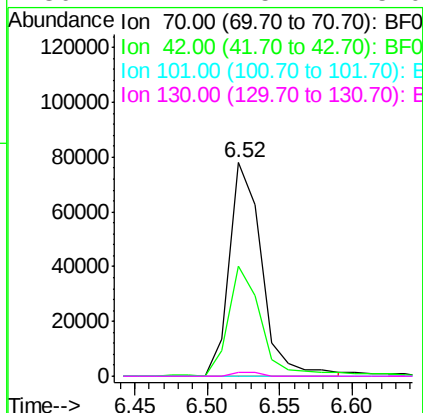
Ion Ratio Lower Upper

70 100

42 51.7 49.2 73.8

101 0.0 7.1 10.7#

130 1.7 15.4 23.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.60 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF083618.D

Acq: 9 Dec 2015 2:50

Tgt Ion: 136 Resp: 596557

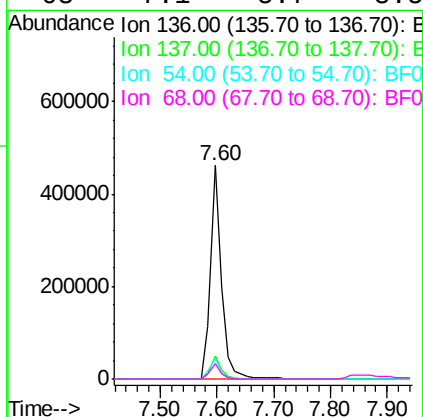
Ion Ratio Lower Upper

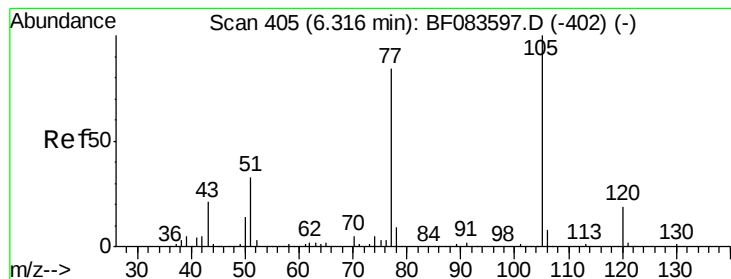
136 100

137 11.0 8.7 13.1

54 9.6 7.8 11.6

68 7.1 5.7 8.5





#22

Acetophenone

Concen: 6.21 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF083618.D

Acq: 9 Dec 2015 2:50

Instrument :

BNA_F

ClientSampled :

DFTPP

Tgt Ion: 105 Resp: 103889

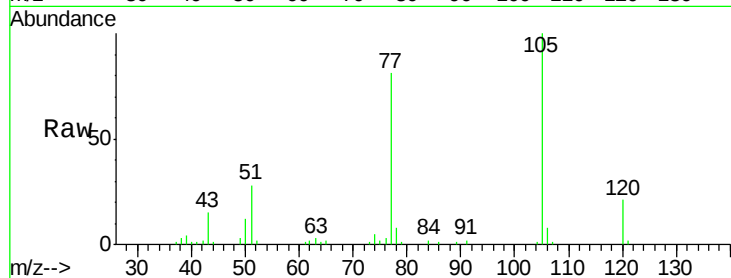
Ion Ratio Lower Upper

105 100

71 0.0 1.3 1.9#

51 28.2 23.8 35.8

120 20.6 16.7 25.1

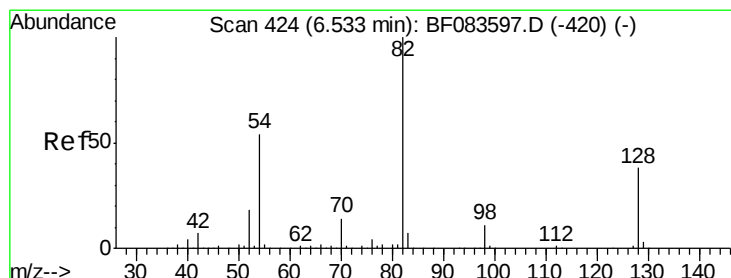
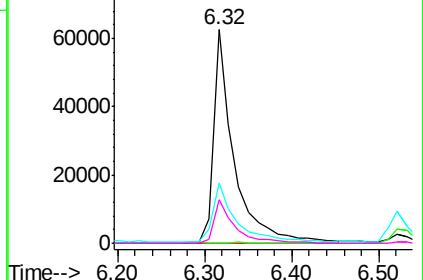
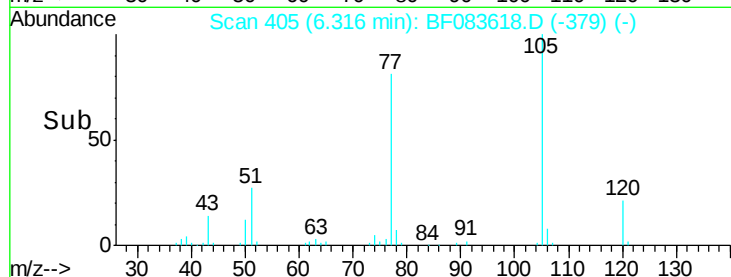


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 74.03 ng

RT: 6.52 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF083618.D

Acq: 9 Dec 2015 2:50

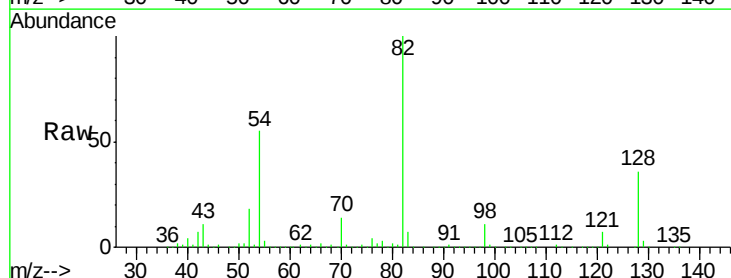
Tgt Ion: 82 Resp: 946462

Ion Ratio Lower Upper

82 100

128 36.3 30.7 46.1

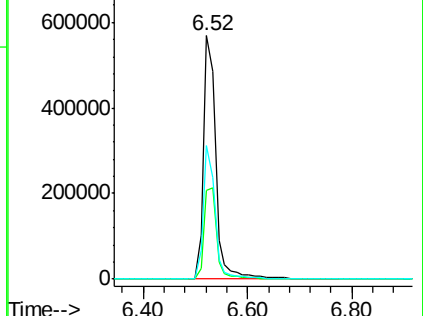
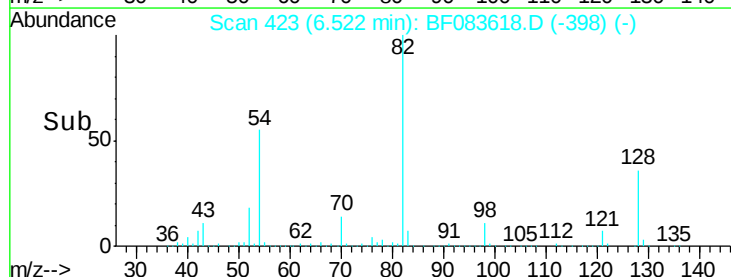
54 55.0 42.5 63.7

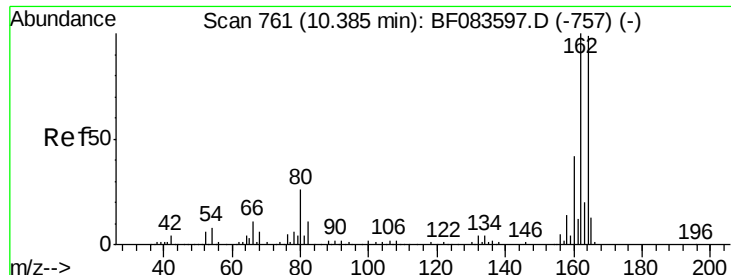


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.38 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF083618.D

Acq: 9 Dec 2015 2:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

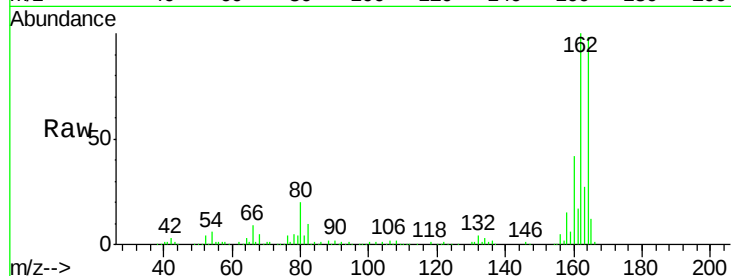
Tgt Ion:164 Resp: 268147

Ion Ratio Lower Upper

164 100

162 101.6 78.8 118.2

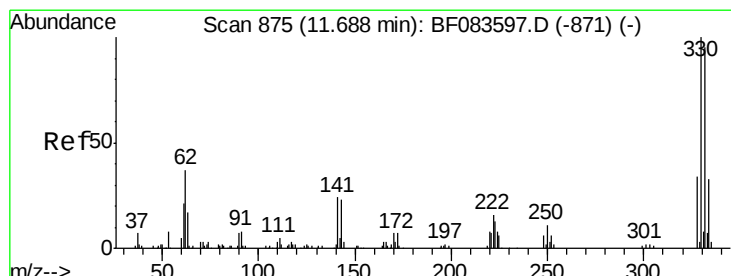
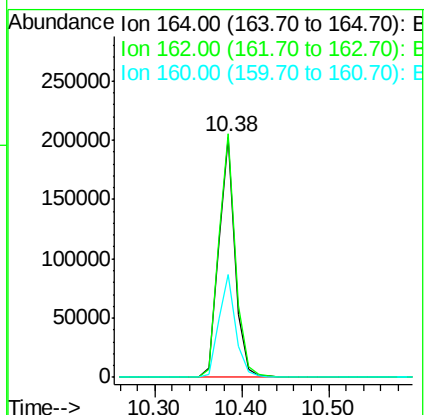
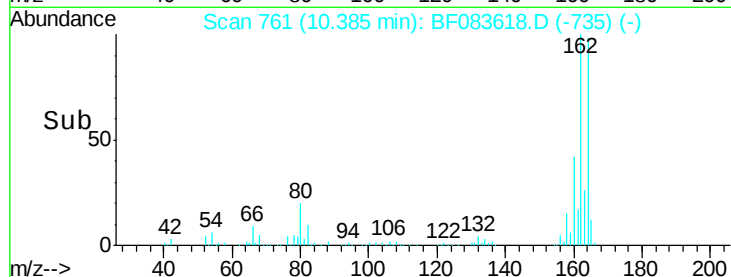
160 43.1 33.4 50.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 97.24 ng

RT: 11.68 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF083618.D

Acq: 9 Dec 2015 2:50

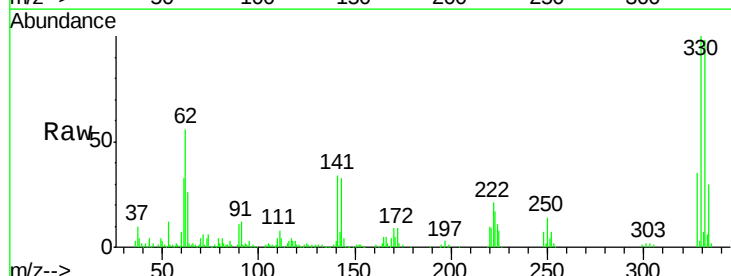
Tgt Ion:330 Resp: 232306

Ion Ratio Lower Upper

330 100

332 97.5 0.0 0.0#

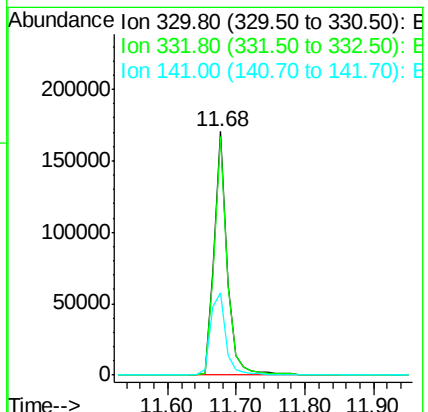
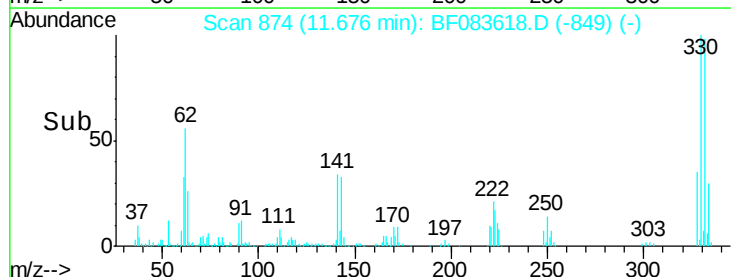
141 39.3 0.0 0.0#

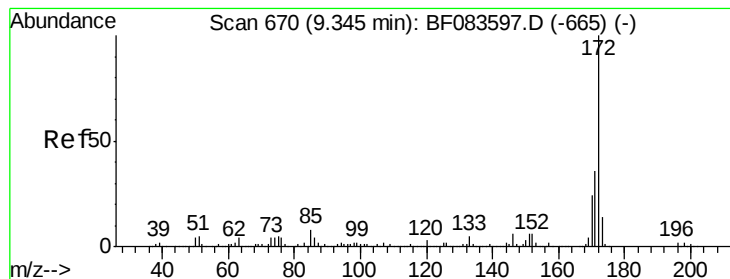


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

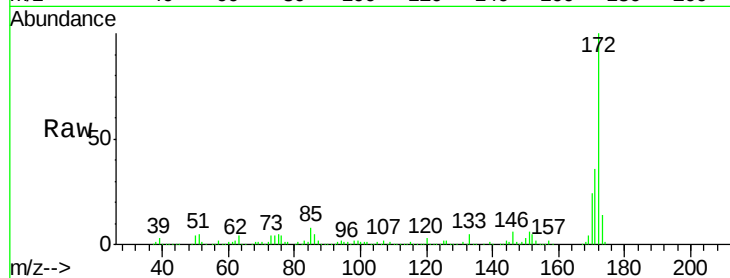




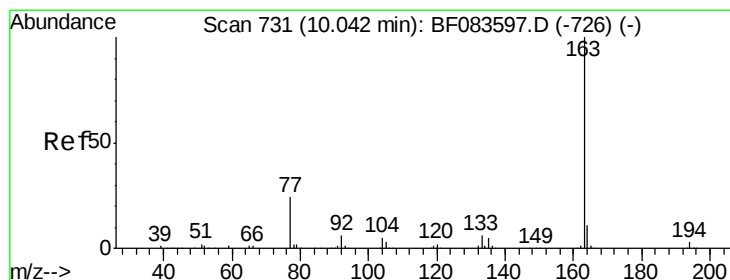
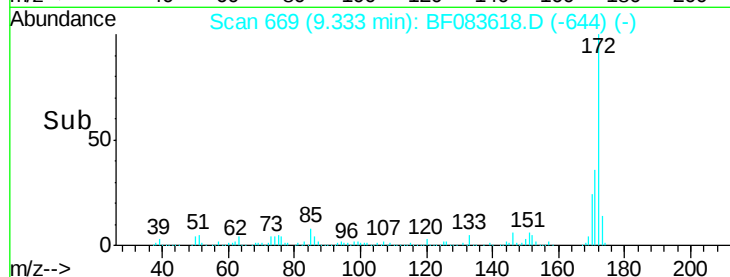
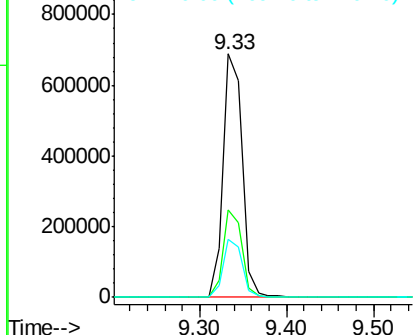
#44
 2-Fluorobiphenyl
 Concen: 55.66 ng
 RT: 9.33 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF083618.D
 Acq: 9 Dec 2015 2:50

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:172 Resp: 1060498
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 42.8
 170 23.7 19.4 29.0

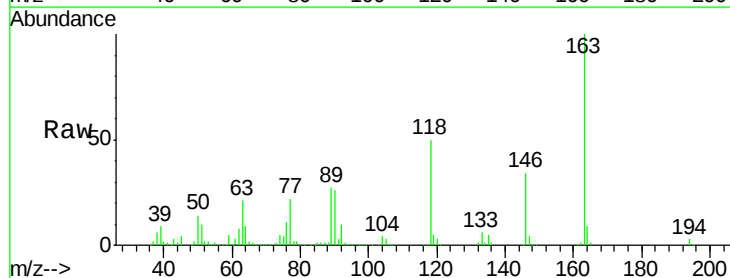


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

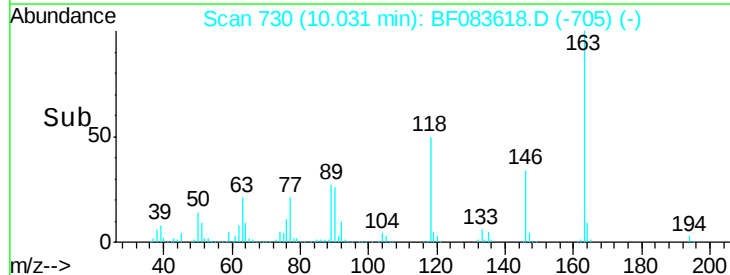
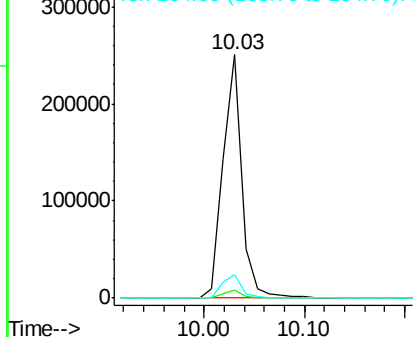


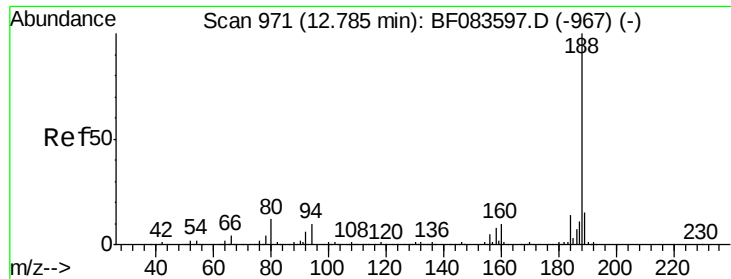
#49
 Dimethylphthalate
 Concen: 15.25 ng
 RT: 10.03 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF083618.D
 Acq: 9 Dec 2015 2:50

Tgt Ion:163 Resp: 325599
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.8 4.2
 164 9.4 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

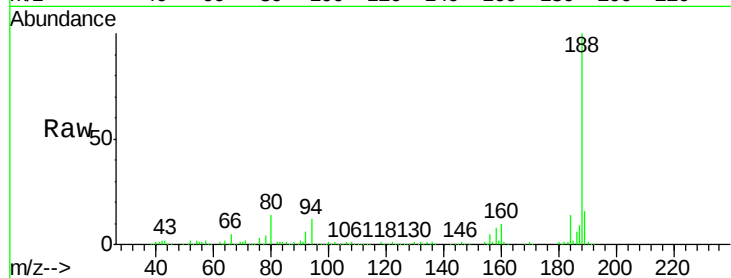




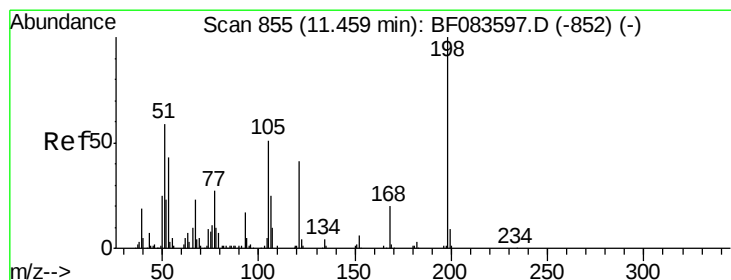
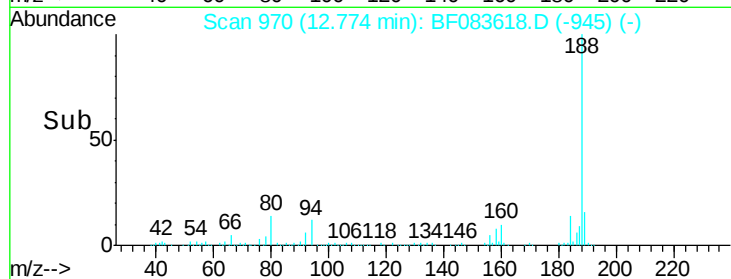
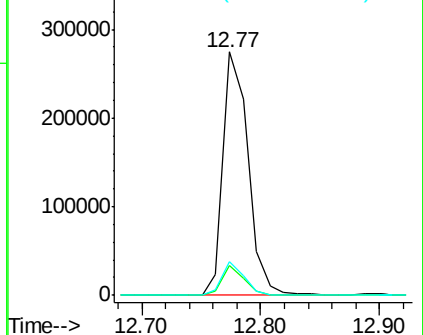
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:188 Resp: 405361
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 13.7 10.6 16.0

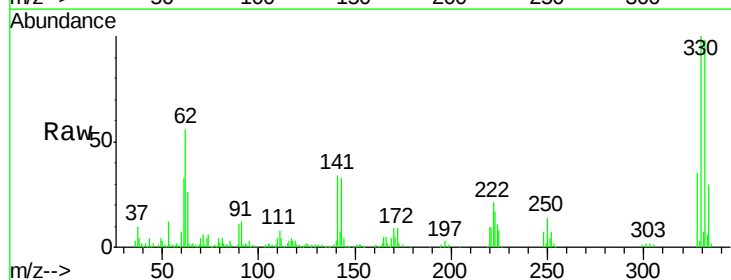


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

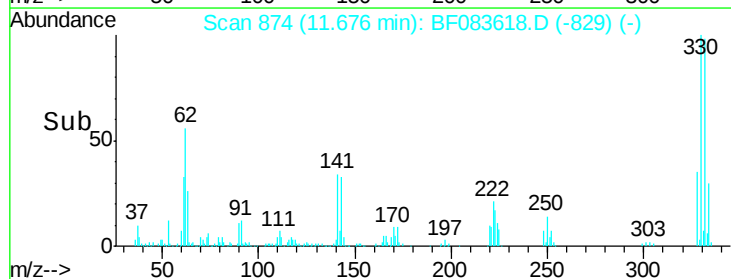
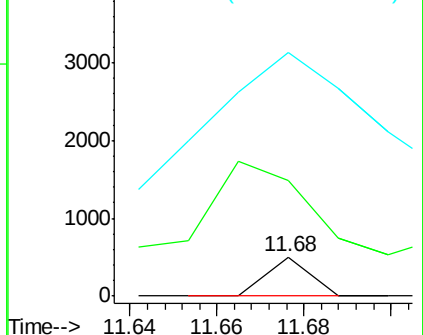


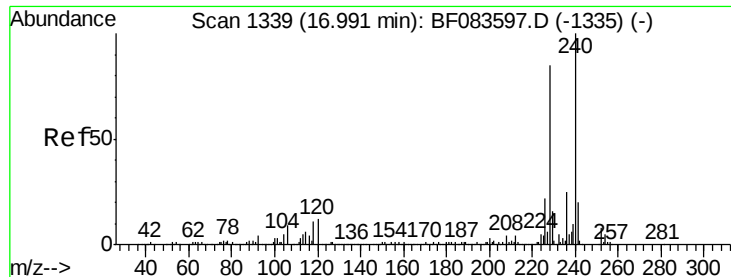
#64
4,6-Dinitro-2-methylphenol
Concen: 2.07 ng
RT: 11.68 min Scan# 874
Delta R.T. 0.22 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Tgt Ion:198 Resp: 347
Ion Ratio Lower Upper
198 100
51 292.9 53.8 93.8#
105 619.0 38.6 78.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.99 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF083618.D

Acq: 9 Dec 2015 2:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

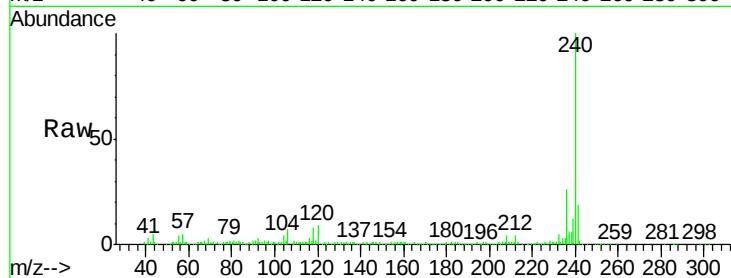
Tgt Ion:240 Resp: 284724

Ion Ratio Lower Upper

240 100

120 9.5 8.1 12.1

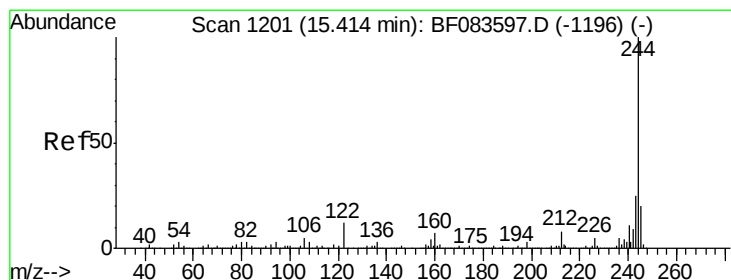
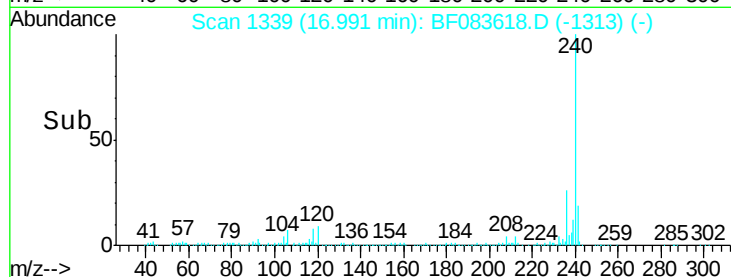
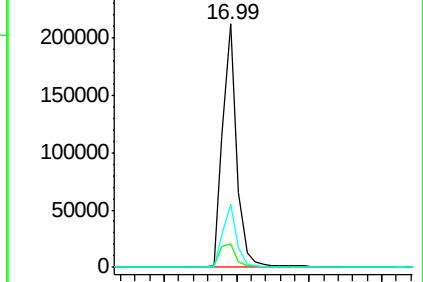
236 25.7 20.8 31.2



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: 44.55 ng

RT: 15.40 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF083618.D

Acq: 9 Dec 2015 2:50

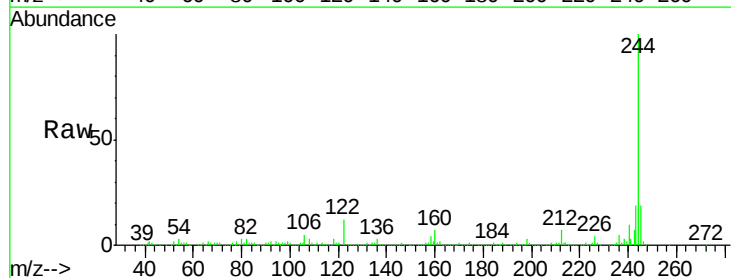
Tgt Ion:244 Resp: 539057

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

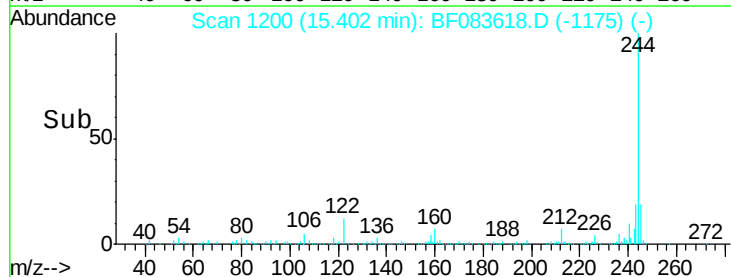
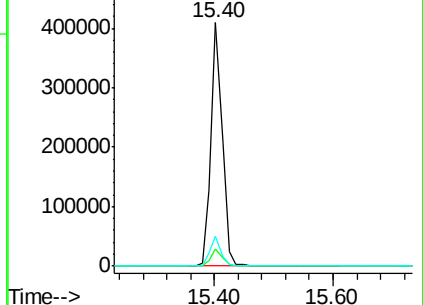
122 12.0 11.0 16.6

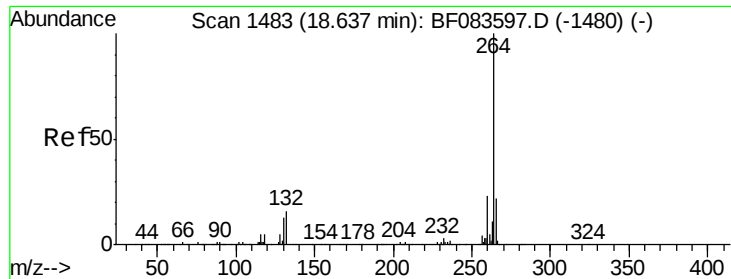


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

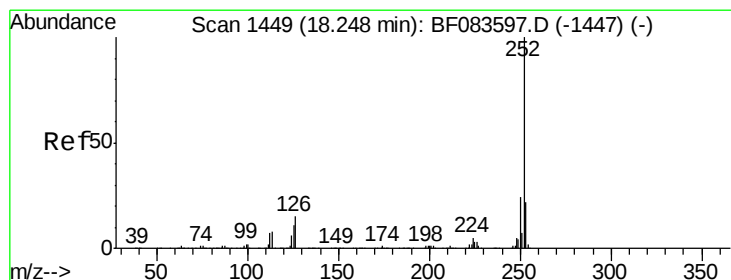
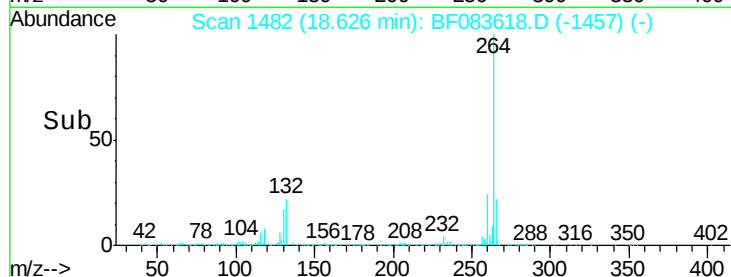
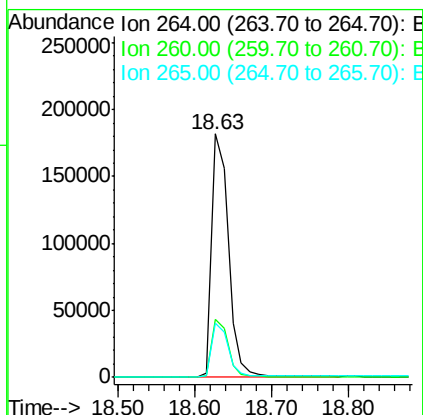
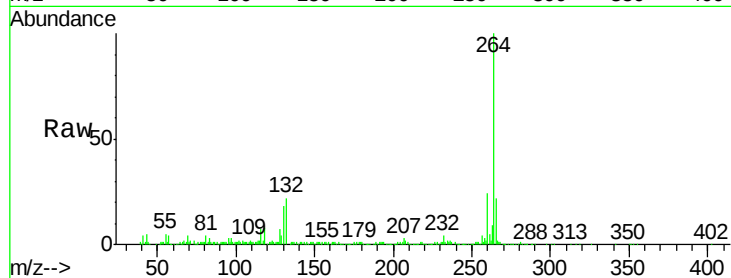




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

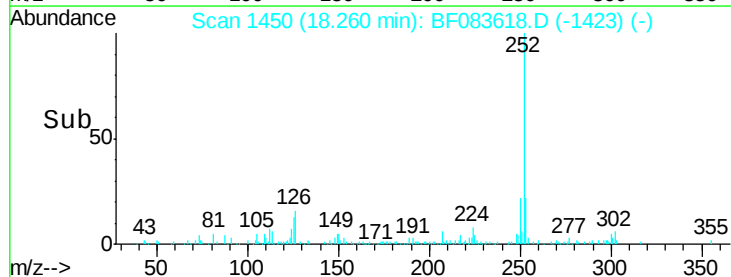
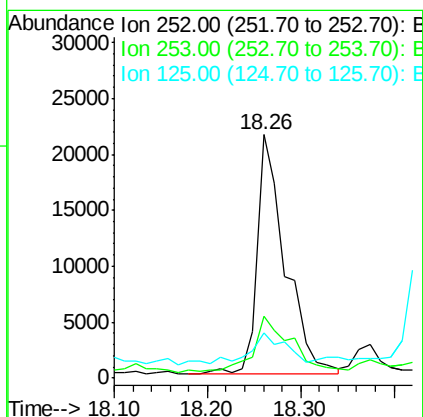
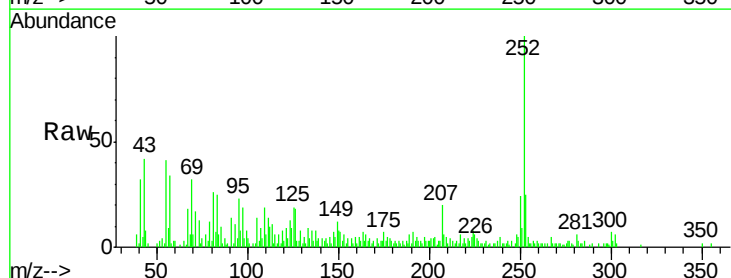
Instrument :
BNA_F
ClientSampleId :
DFTPP

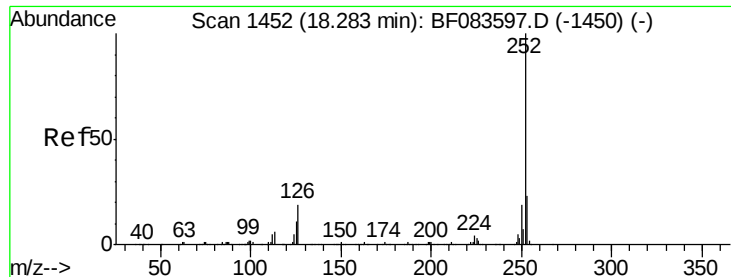
Tgt Ion: 264 Resp: 280635
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.0
265 22.2 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 2.79 ng
RT: 18.26 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Tgt Ion: 252 Resp: 44573
Ion Ratio Lower Upper
252 100
253 25.3 18.2 27.4
125 18.6 8.2 12.4#

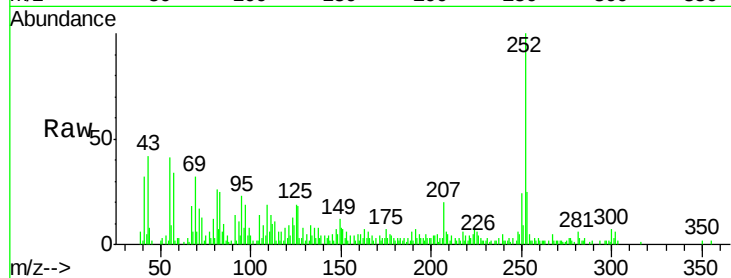




#88
Benzo(k)fluoranthene
Concen: 2.53 ng
RT: 18.26 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.6	27.8
125	18.6	11.5	17.3



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

