

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
 Data File : BF083487.D
 Acq On : 4 Dec 2015 4:59
 Operator : UM/IZ
 Sample : G4588-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Quant Time: Dec 04 06:21:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

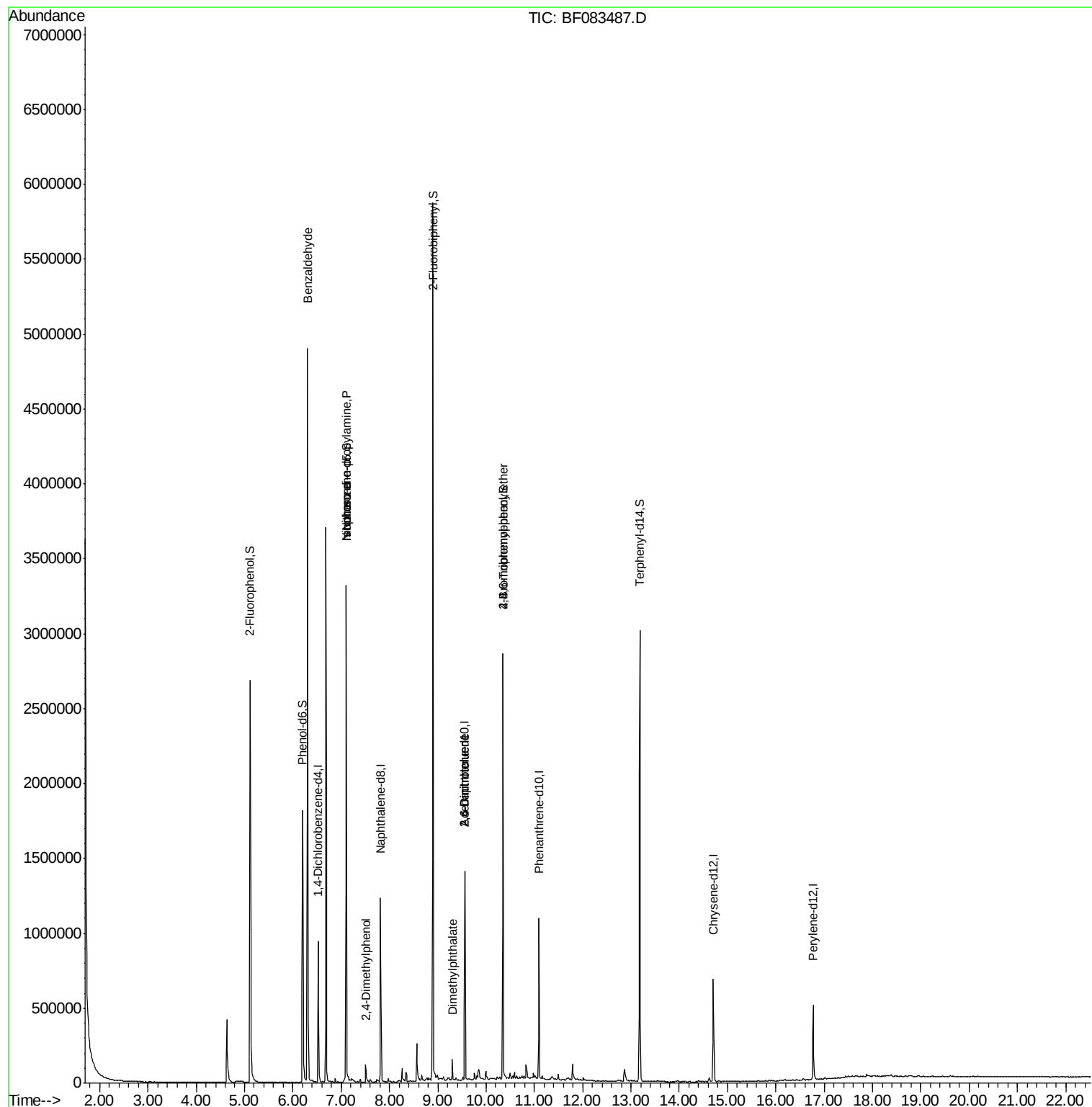
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	164628	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	593619	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	283851	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	432326	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	336009	20.00	ng	-0.06
86) Perylene-d12	16.77	264	265528	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	825186	75.21	ng	-0.01
7) Phenol-d6	6.20	99	740236	49.29	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1257709	93.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	312550	109.69	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1794355	90.08	ng	-0.02
78) Terphenyl-d14	13.19	244	1334799	94.74	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.30	77	34025	2.83	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.10	70	176758	16.47	ng	# 81
25) Isophorone	7.10	82	924330	35.34	ng	# 70
27) 2,4-Dimethylphenol	7.50	122	31931	3.24	ng	97
49) Dimethylphthalate	9.30	163	56779	2.46	ng	97
50) 2,6-Dinitrotoluene	9.56	165	36403	7.39	ng	# 19
56) 2,4-Dinitrotoluene	9.56	165	36404	5.82	ng	# 6
66) 4-Bromophenyl-phenylether	10.35	248	21876	4.63	ng	# 1

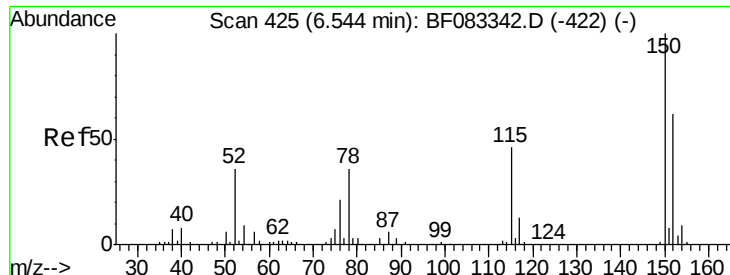
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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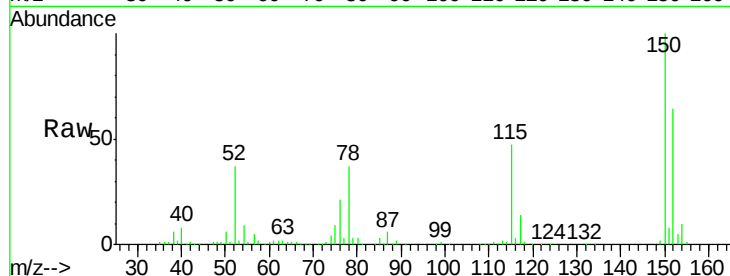




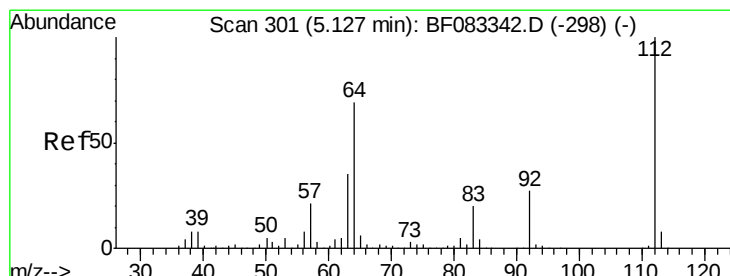
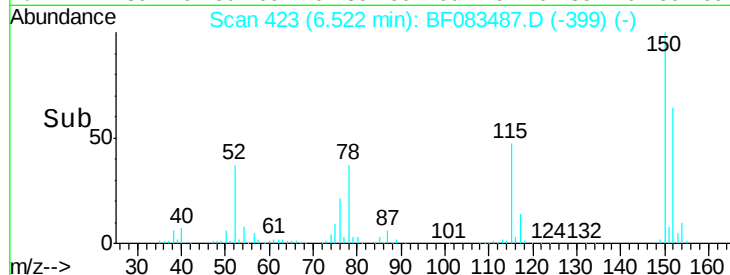
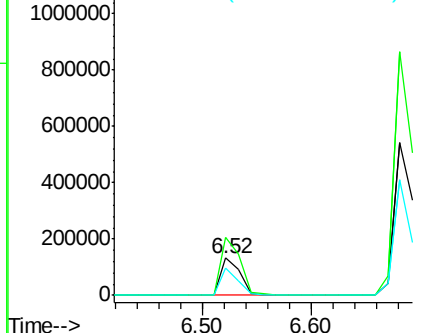
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.52 min Scan# 423
 Delta R.T. -0.02 min
 Lab File: BF083487.D
 Acq: 4 Dec 2015 4:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tgt Ion:152 Resp: 164628
 Ion Ratio Lower Upper
 152 100
 150 157.2 129.8 194.8
 115 73.5 59.2 88.8

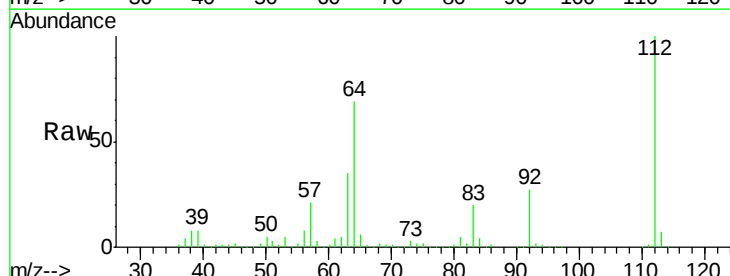


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

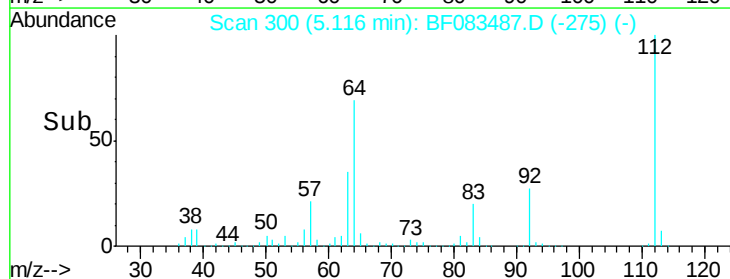
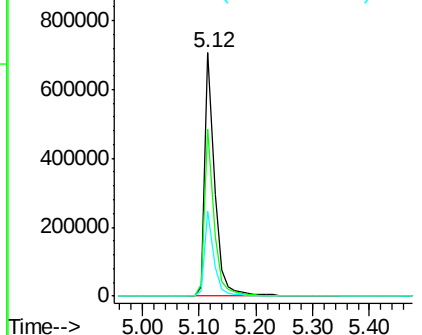


#5
 2-Fluorophenol
 Concen: 75.21 ng
 RT: 5.12 min Scan# 300
 Delta R.T. -0.01 min
 Lab File: BF083487.D
 Acq: 4 Dec 2015 4:59

Tgt Ion:112 Resp: 825186
 Ion Ratio Lower Upper
 112 100
 64 68.6 55.6 83.4
 63 35.0 28.2 42.2



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: 49.29 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083487.D

Acq: 4 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

MW-15

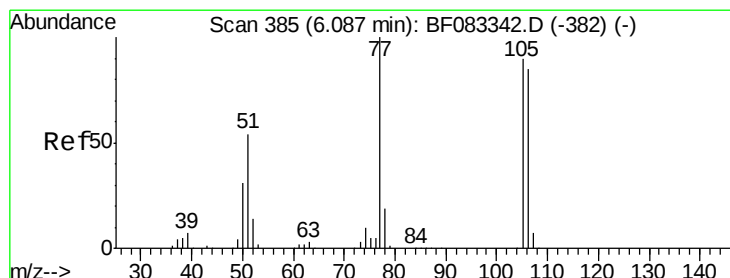
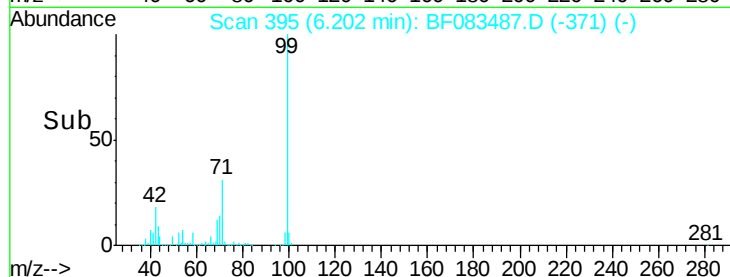
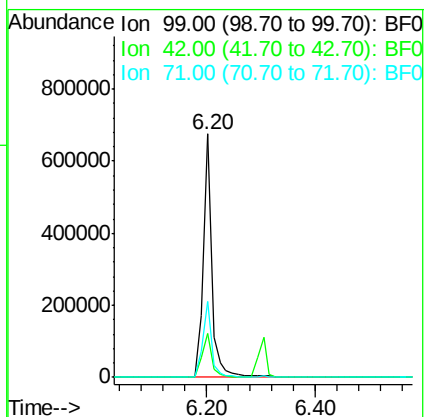
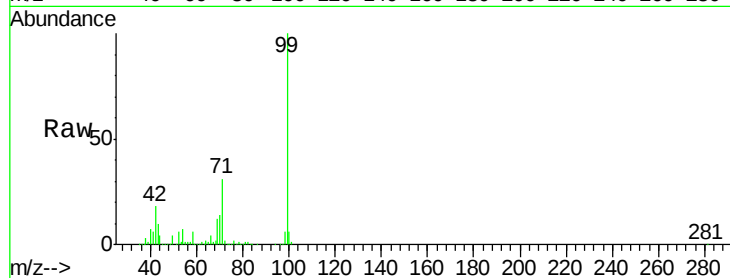
Tgt Ion: 99 Resp: 740236

Ion Ratio Lower Upper

99 100

42 18.2 14.9 22.3

71 31.2 24.7 37.1



#9

Benzaldehyde

Concen: 2.83 ng

RT: 6.30 min Scan# 404

Delta R.T. 0.22 min

Lab File: BF083487.D

Acq: 4 Dec 2015 4:59

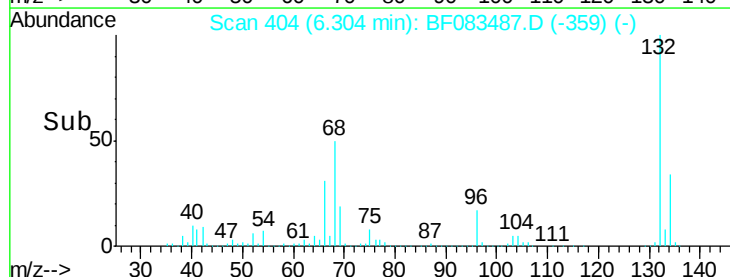
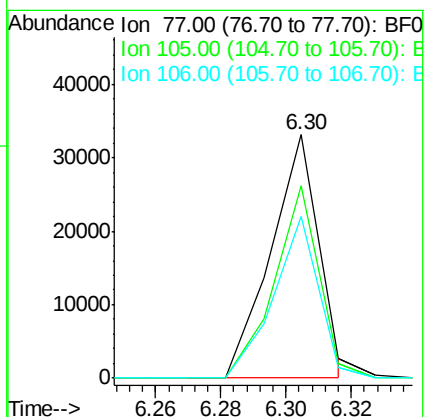
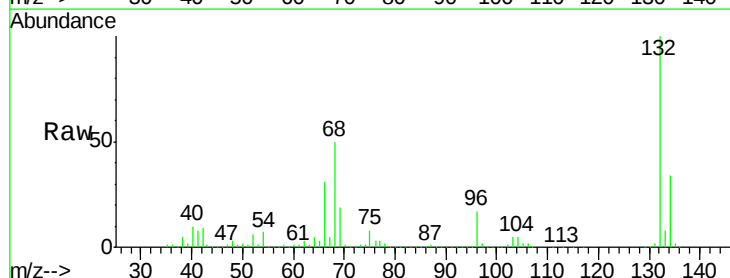
Tgt Ion: 77 Resp: 34025

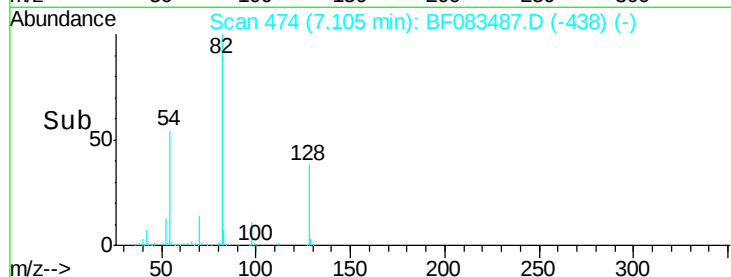
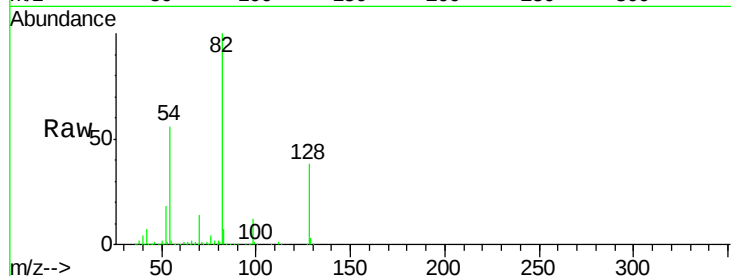
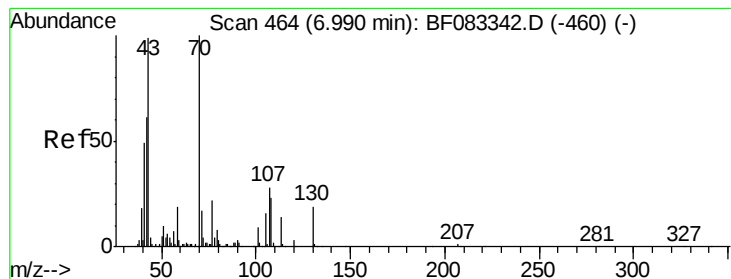
Ion Ratio Lower Upper

77 100

105 78.8 70.0 110.0

106 66.5 65.0 105.0





#19

n-Nitroso-di-n-propylamine

Concen: 16.47 ng

RT: 7.10 min Scan# 474

Delta R.T. 0.11 min

Lab File: BF083487.D

Acq: 4 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

MW-15

Tgt Ion: 70 Resp: 176758

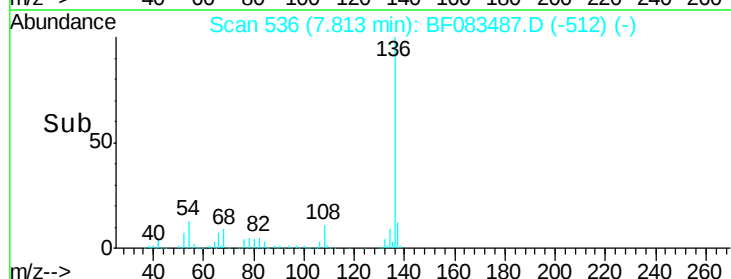
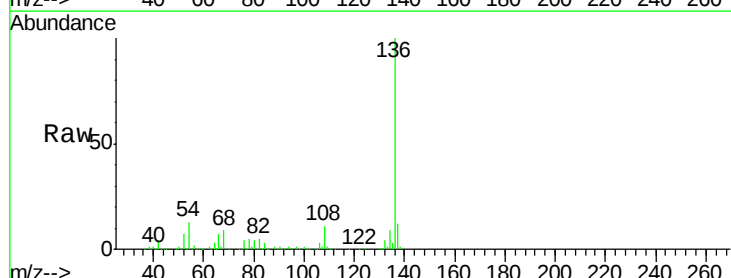
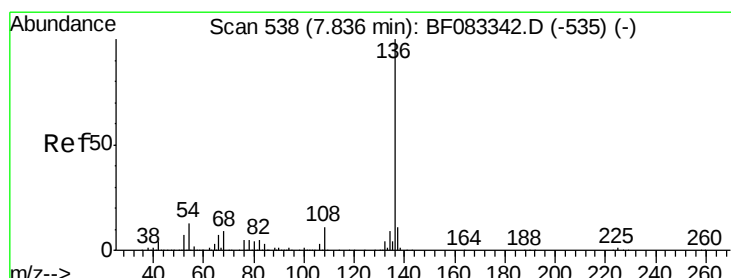
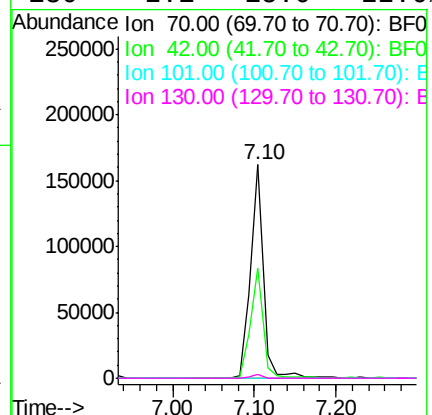
Ion Ratio Lower Upper

70 100

42 51.4 48.8 73.2

101 0.0 7.1 10.7#

130 2.1 15.0 22.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF083487.D

Acq: 4 Dec 2015 4:59

Tgt Ion:136 Resp: 593619

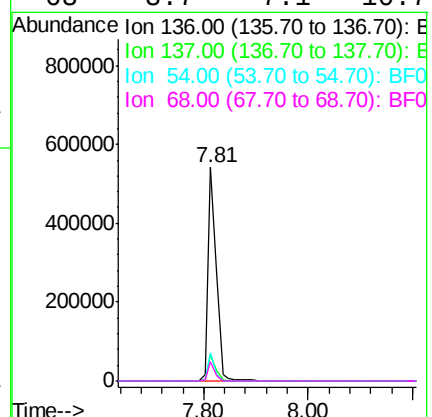
Ion Ratio Lower Upper

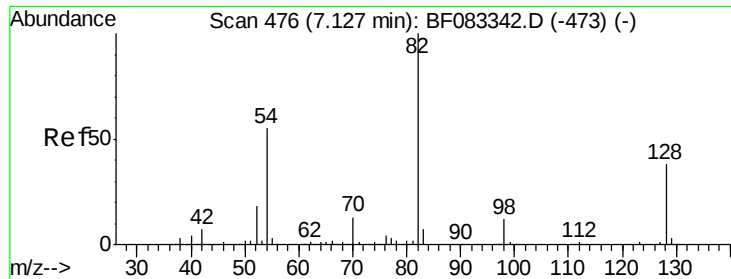
136 100

137 11.7 9.0 13.4

54 12.9 10.1 15.1

68 8.7 7.1 10.7

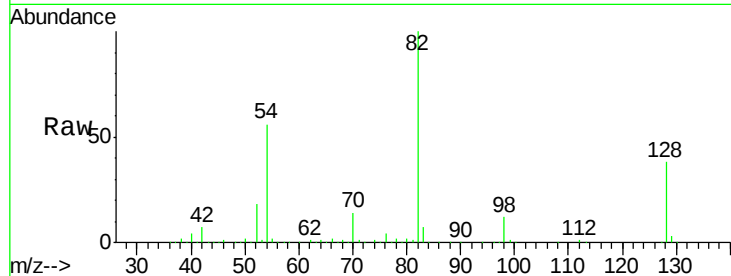




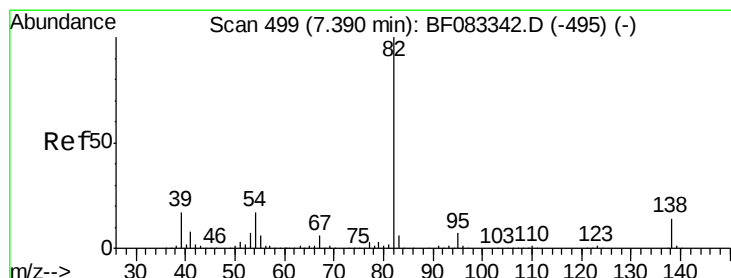
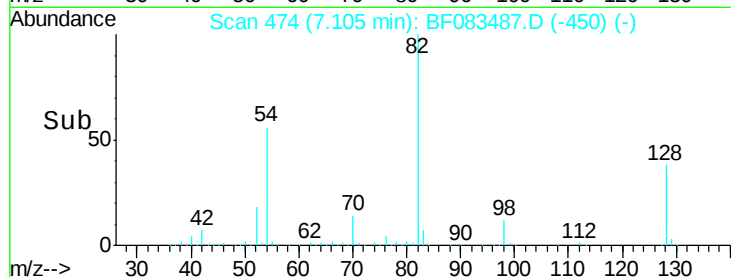
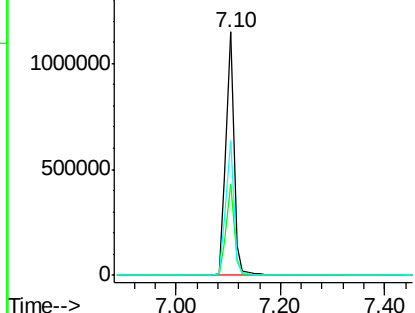
#23
 Nitrobenzene-d5
 Concen: 93.14 ng
 RT: 7.10 min Scan# 474
 Delta R.T. -0.02 min
 Lab File: BF083487.D
 Acq: 4 Dec 2015 4:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tgt Ion: 82 Resp: 1257709
 Ion Ratio Lower Upper
 82 100
 128 37.6 30.6 46.0
 54 55.5 43.8 65.6

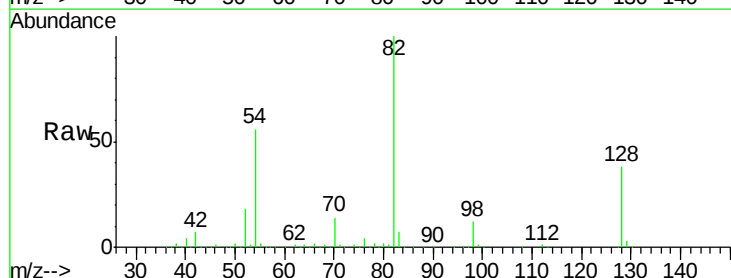


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

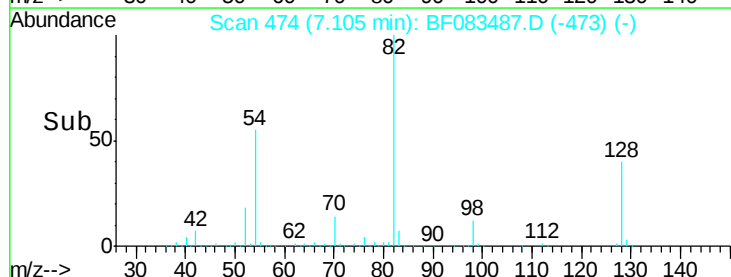
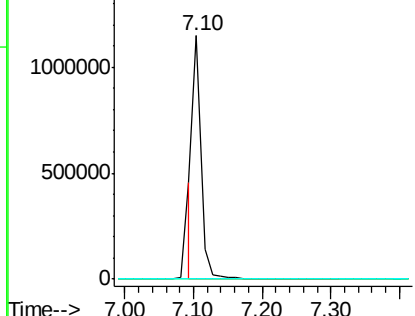


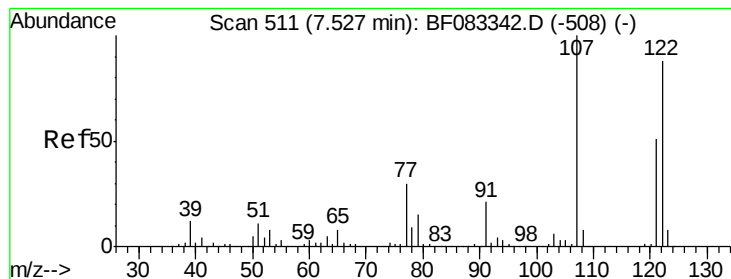
#25
 Isophorone
 Concen: 35.34 ng
 RT: 7.10 min Scan# 474
 Delta R.T. -0.29 min
 Lab File: BF083487.D
 Acq: 4 Dec 2015 4:59

Tgt Ion: 82 Resp: 924330
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 11.6 17.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

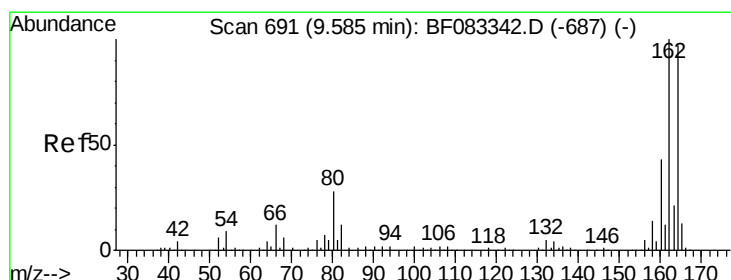
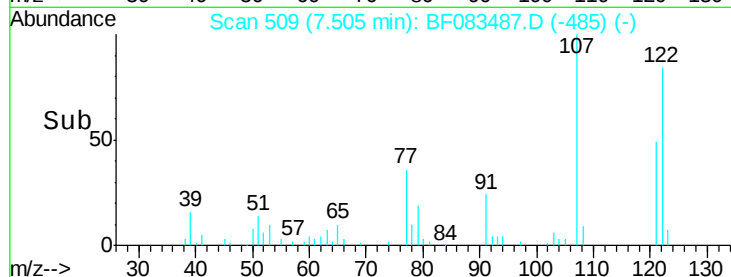
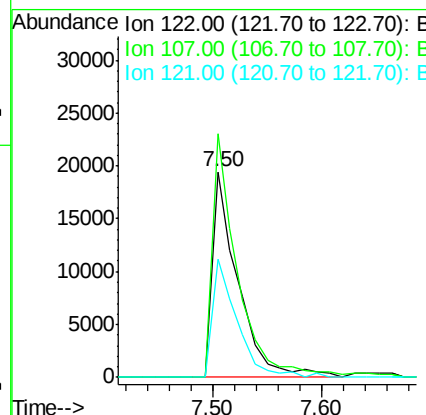
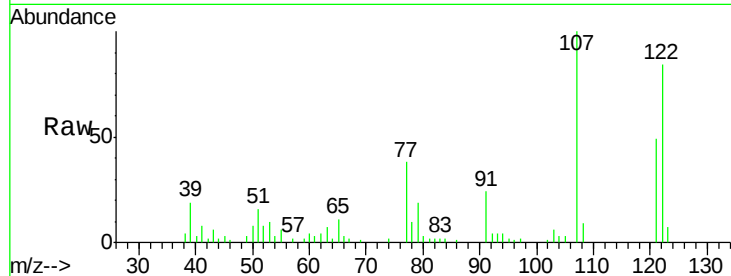




#27
 2,4-Dimethylphenol
 Concen: 3.24 ng
 RT: 7.50 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF083487.D
 Acq: 4 Dec 2015 4:59

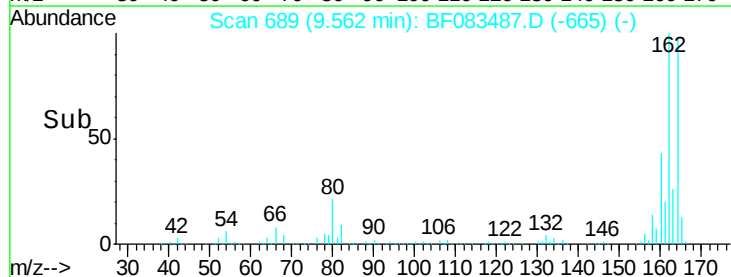
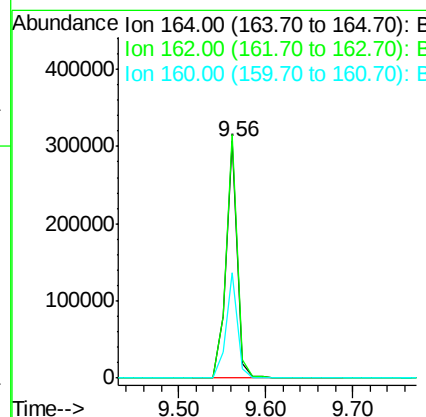
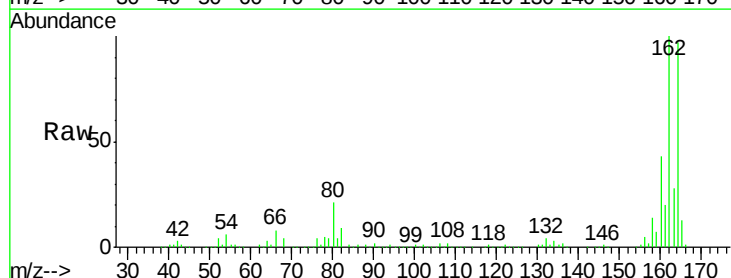
Instrument :
 BNA_F
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 MW-15

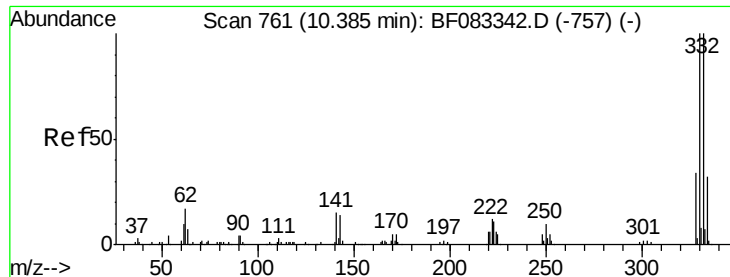
Tgt Ion:122 Resp: 31931
 Ion Ratio Lower Upper
 122 100
 107 118.6 91.2 136.8
 121 57.6 46.4 69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF083487.D
 Acq: 4 Dec 2015 4:59

Tgt Ion:164 Resp: 283851
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.6 123.8
 160 44.6 35.3 52.9

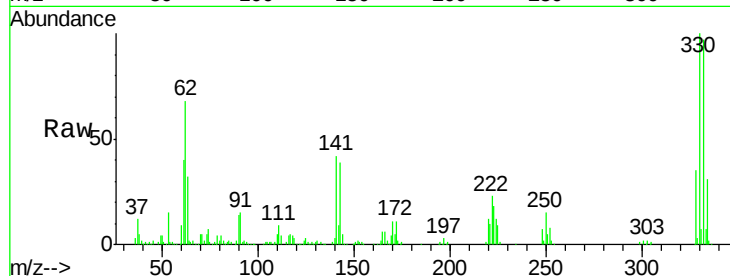




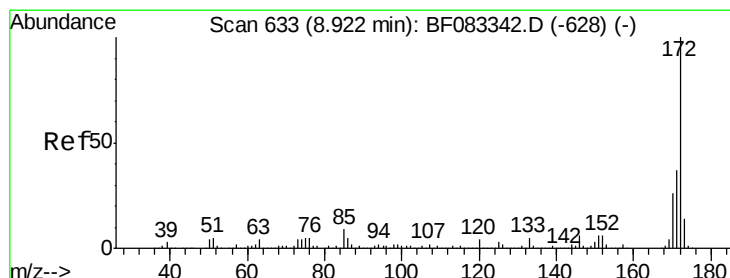
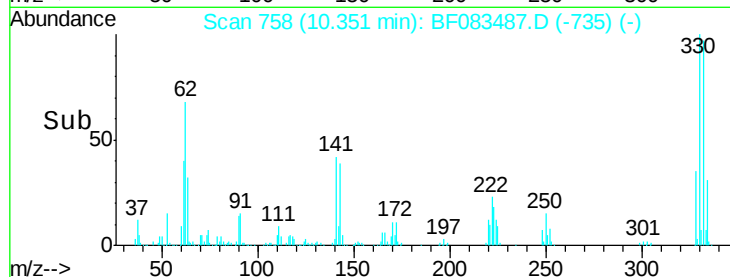
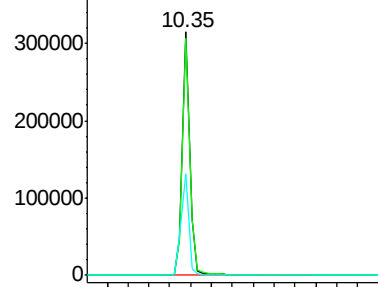
#41
 2,4,6-Tribromophenol
 Concen: 109.69 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF083487.D
 Acq: 4 Dec 2015 4:59

Instrument :
 BNA_F
 ClientSampled :
 MW-15

Tgt Ion:330 Resp: 312550
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.8 116.6
 141 43.3 29.4 44.0

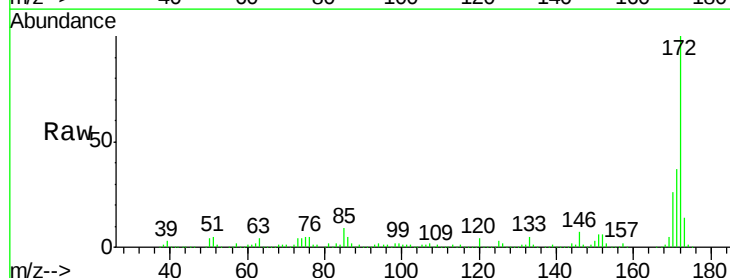


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

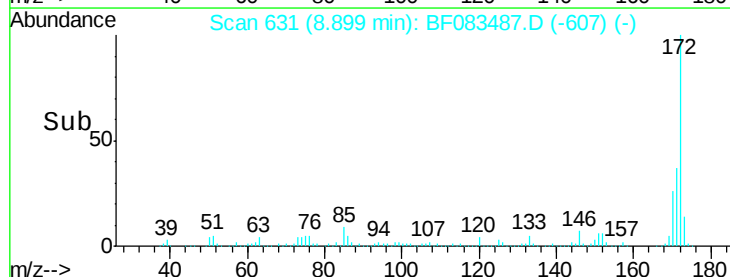
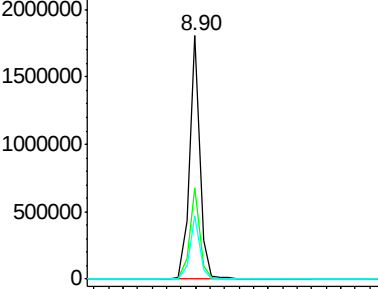


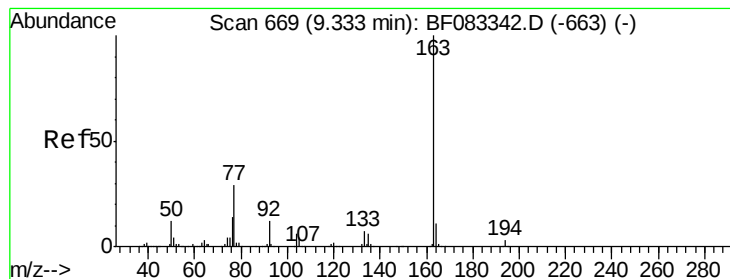
#44
 2-Fluorobiphenyl
 Concen: 90.08 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083487.D
 Acq: 4 Dec 2015 4:59

Tgt Ion:172 Resp: 1794355
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.4 44.0
 170 25.7 20.4 30.6



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: 2.46 ng

RT: 9.30 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF083487.D

Acq: 4 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

MW-15

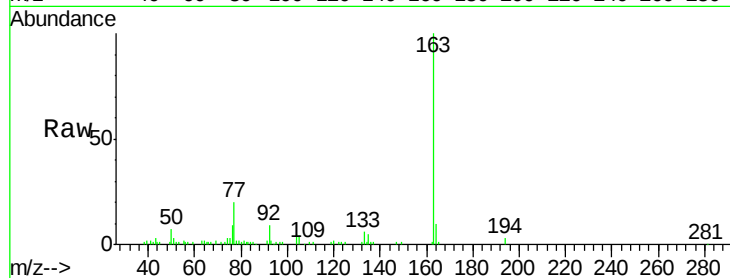
Tgt Ion:163 Resp: 56779

Ion Ratio Lower Upper

163 100

194 2.8 2.7 4.1

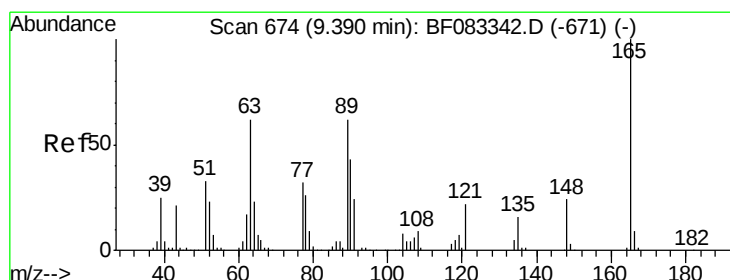
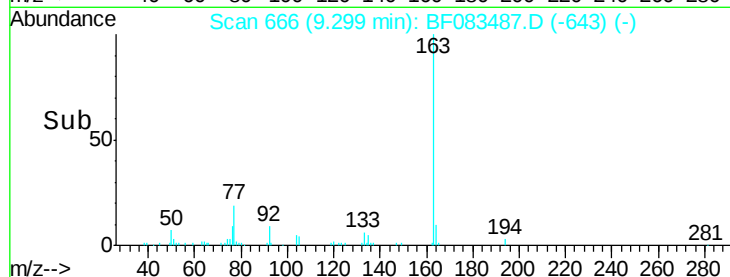
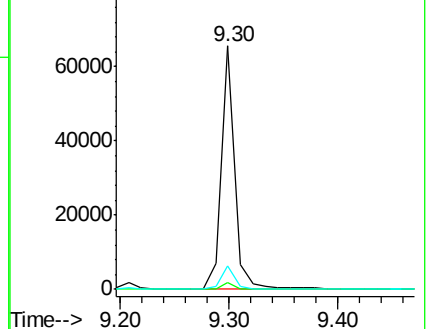
164 9.7 8.8 13.2



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



#50

2,6-Dinitrotoluene

Concen: 7.39 ng

RT: 9.56 min Scan# 689

Delta R.T. 0.17 min

Lab File: BF083487.D

Acq: 4 Dec 2015 4:59

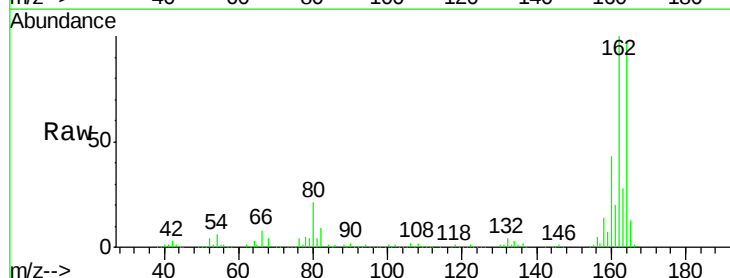
Tgt Ion:165 Resp: 36403

Ion Ratio Lower Upper

165 100

63 1.6 56.0 84.0#

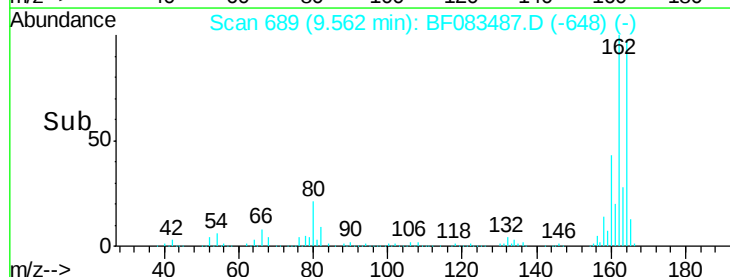
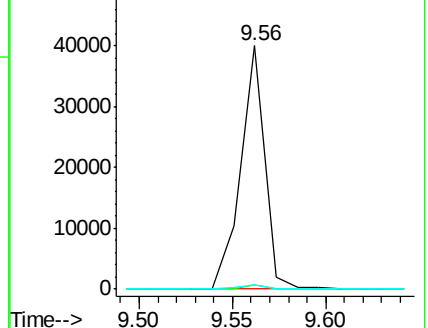
89 1.8 49.8 74.8#

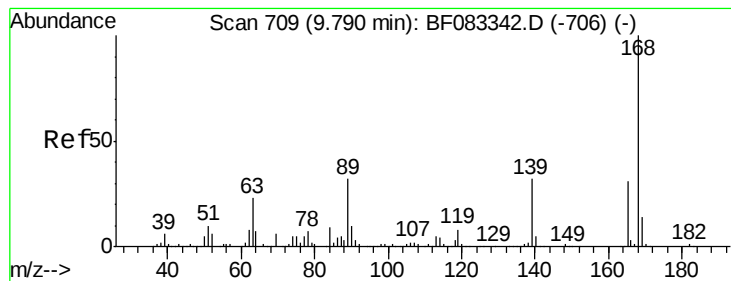


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 5.82 ng

RT: 9.56 min Scan# 689

Delta R.T. -0.23 min

Lab File: BF083487.D

Acq: 4 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

MW-15

Tgt Ion:165 Resp: 36404

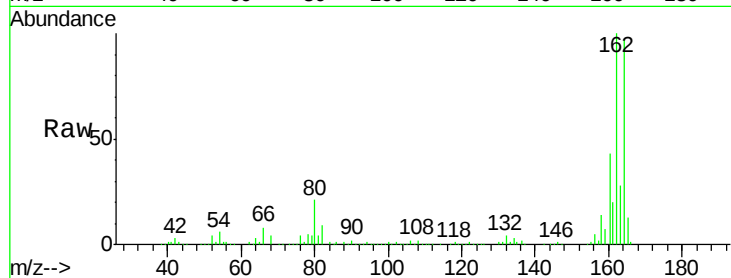
Ion Ratio Lower Upper

165 100

63 1.6 65.4 98.0#

89 1.8 81.2 121.8#

182 0.0 1.8 2.8#

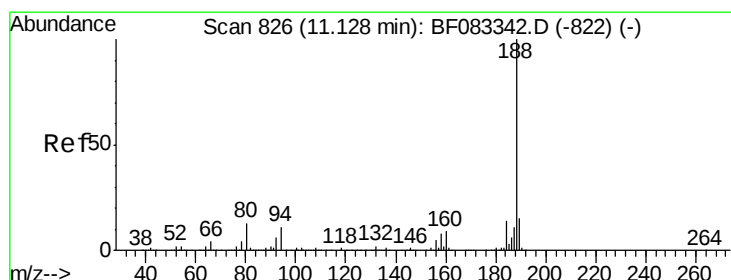
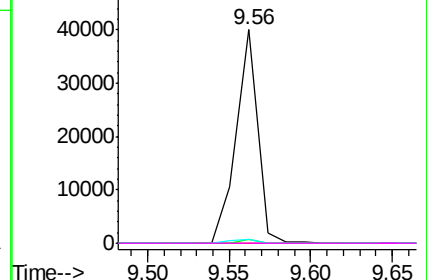
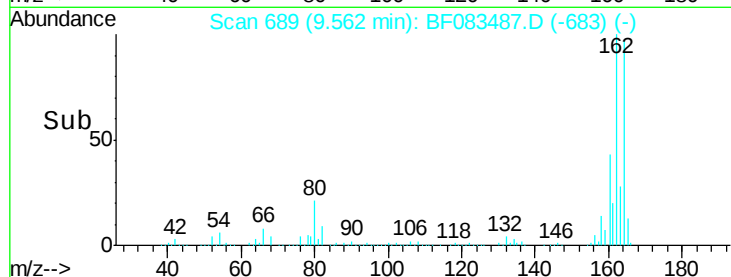


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.09 min Scan# 823

Delta R.T. -0.03 min

Lab File: BF083487.D

Acq: 4 Dec 2015 4:59

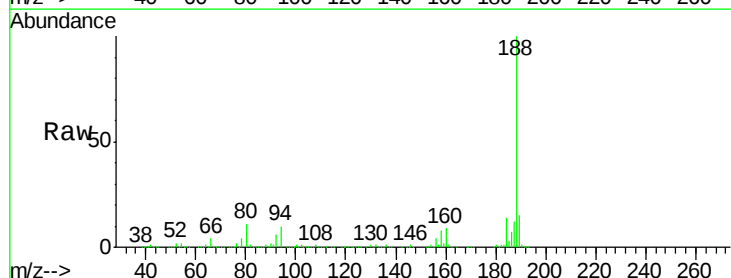
Tgt Ion:188 Resp: 432326

Ion Ratio Lower Upper

188 100

94 9.9 8.7 13.1

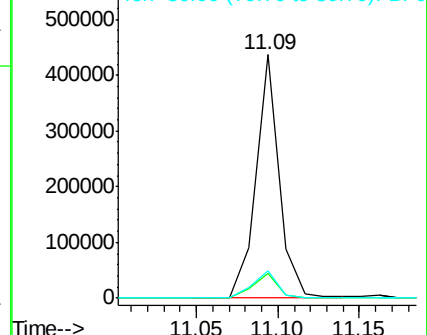
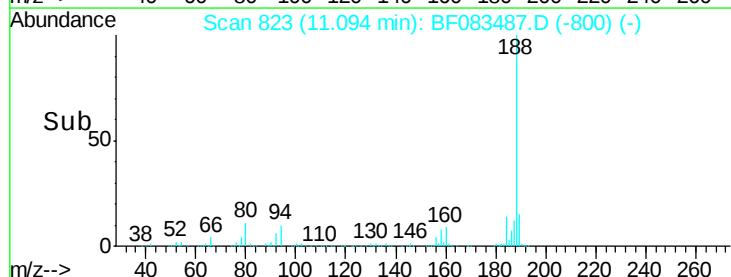
80 11.3 10.3 15.5

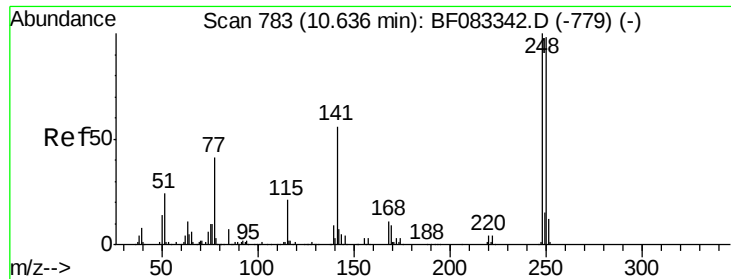


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

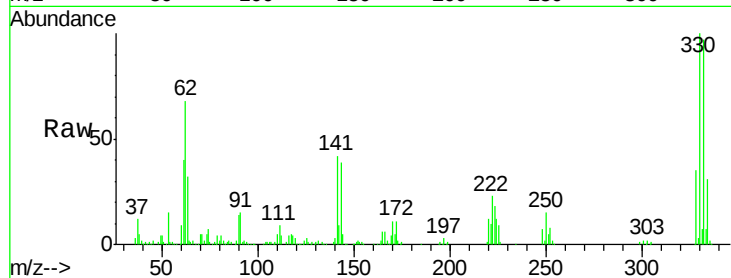




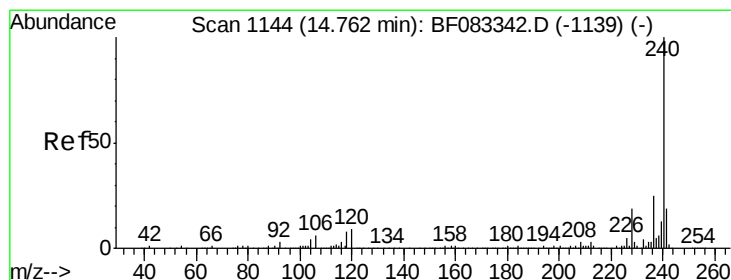
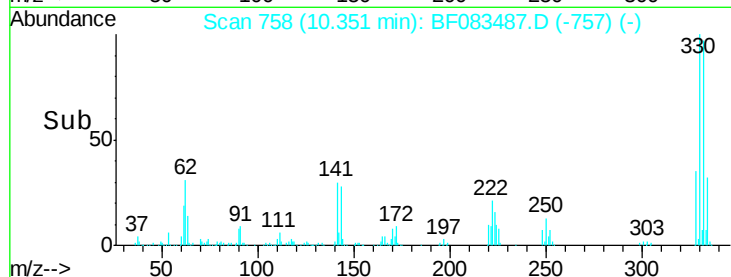
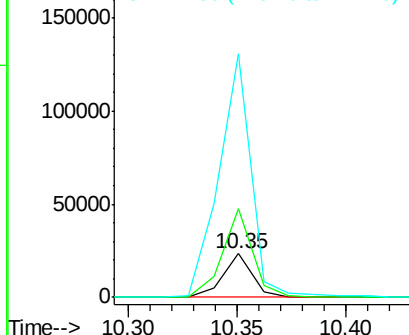
#66
 4-Bromophenyl-phenylether
 Concen: 4.63 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.29 min
 Lab File: BF083487.D
 Acq: 4 Dec 2015 4:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tgt Ion:248 Resp: 21876
 Ion Ratio Lower Upper
 248 100
 250 202.8 78.6 118.0#
 141 558.2 44.4 66.6#

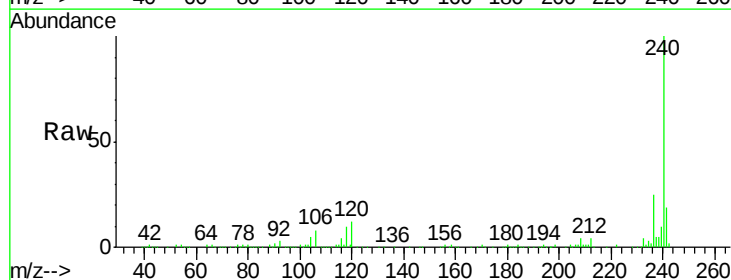


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

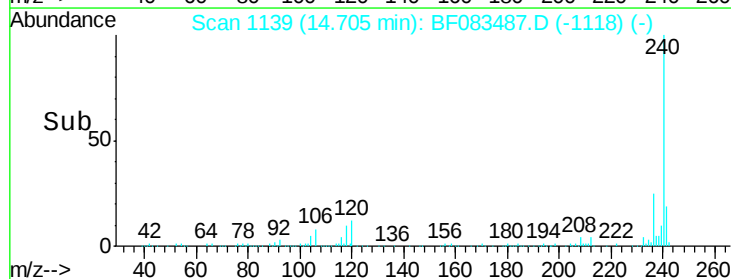
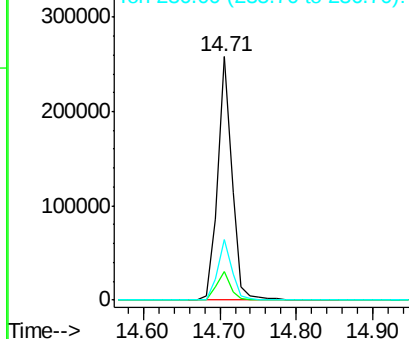


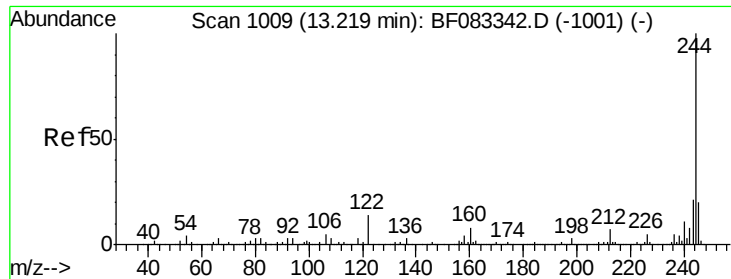
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1139
 Delta R.T. -0.06 min
 Lab File: BF083487.D
 Acq: 4 Dec 2015 4:59

Tgt Ion:240 Resp: 336009
 Ion Ratio Lower Upper
 240 100
 120 11.7 6.9 10.3#
 236 24.8 19.8 29.6



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

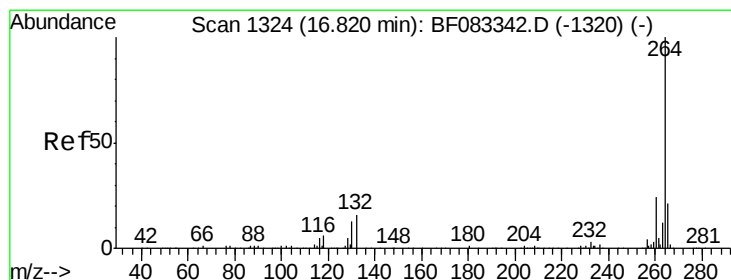
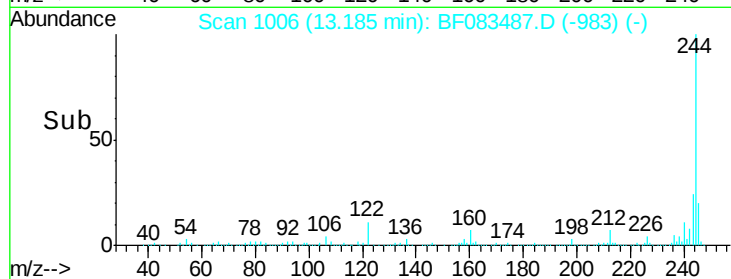
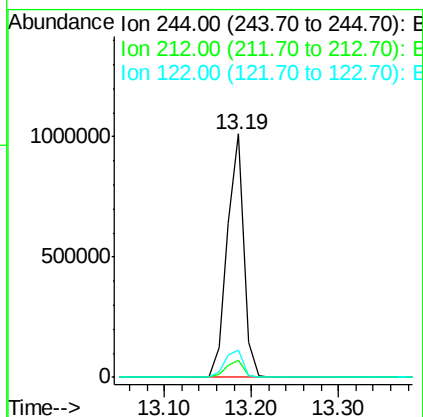
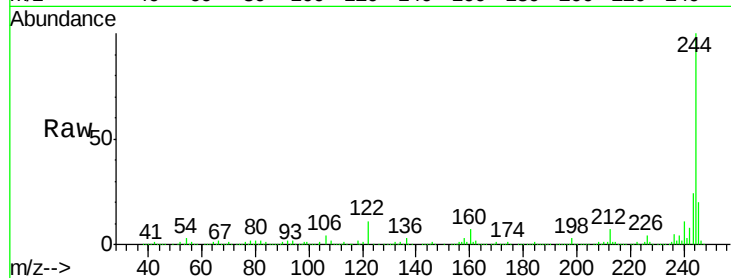




#78
 Terphenyl-d14
 Concen: 94.74 ng
 RT: 13.19 min Scan# 1006
 Delta R.T. -0.03 min
 Lab File: BF083487.D
 Acq: 4 Dec 2015 4:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tgt Ion:244 Resp: 1334799
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 11.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1320
 Delta R.T. -0.05 min
 Lab File: BF083487.D
 Acq: 4 Dec 2015 4:59

Tgt Ion:264 Resp: 265528
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.4
 265 20.8 16.8 25.2

