

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082717.D
 Acq On : 4 Nov 2015 23:06
 Operator : UM/IZ
 Sample : G4261-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3WS

Quant Time: Nov 05 04:48:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

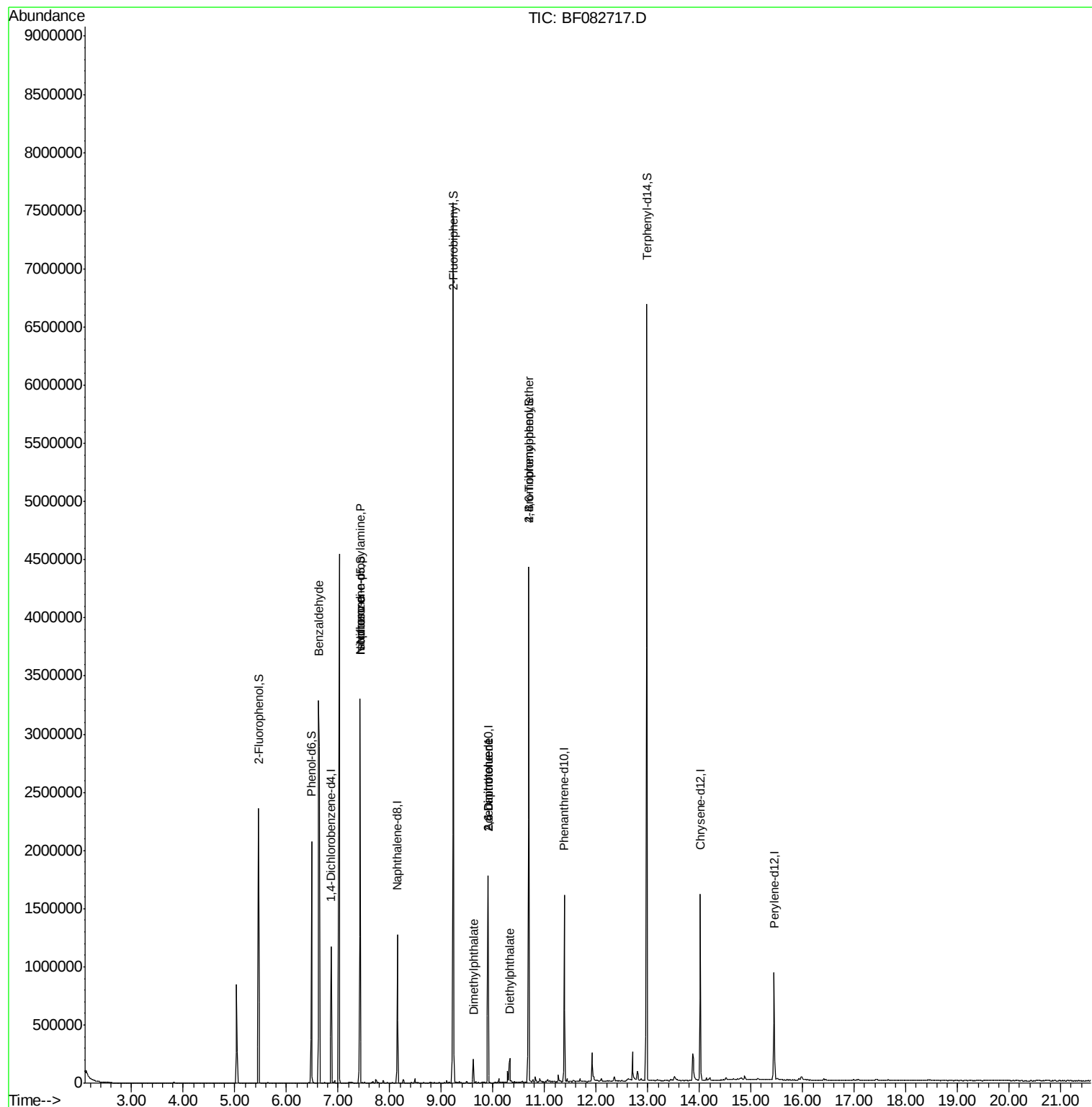
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	175721	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	620144	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	358118	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	621851	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	615092	20.00	ng	-0.03
86) Perylene-d12	15.45	264	438006	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	617075	52.89	ng	-0.01
7) Phenol-d6	6.49	99	580189	37.43	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1199951	79.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	565325	144.24	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	2137879	84.76	ng	-0.02
78) Terphenyl-d14	12.98	244	2366032	84.18	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	33674	3.18	ng	83
19) n-Nitroso-di-n-propylamine	7.42	70	167969	14.30	ng	# 72
25) Isophorone	7.42	82	871083	31.18	ng	# 69
49) Dimethylphthalate	9.62	163	74049	2.53	ng	98
50) 2,6-Dinitrotoluene	9.90	165	44987	7.42	ng	# 17
56) 2,4-Dinitrotoluene	9.90	165	44990	5.49	ng	# 16
59) Diethylphthalate	10.33	149	110979	3.73	ng	96
66) 4-Bromophenyl-phenylether	10.69	248	40084	5.69	ng	# 1

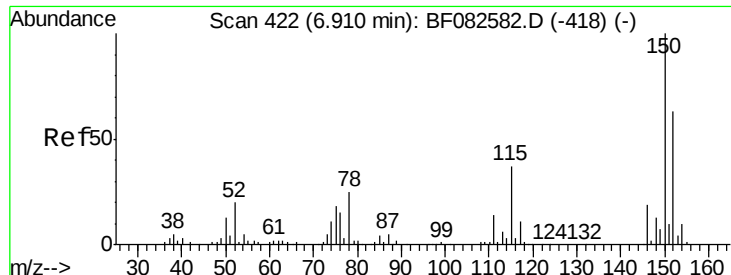
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 03 12:27:47 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082717.D

Acq: 4 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

SB-3WS

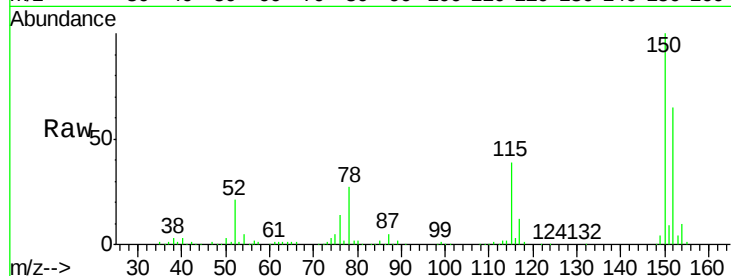
Tgt Ion:152 Resp: 175721

Ion Ratio Lower Upper

152 100

150 154.0 127.0 190.4

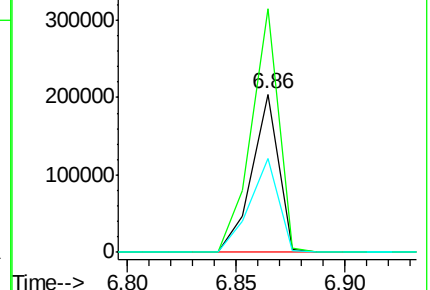
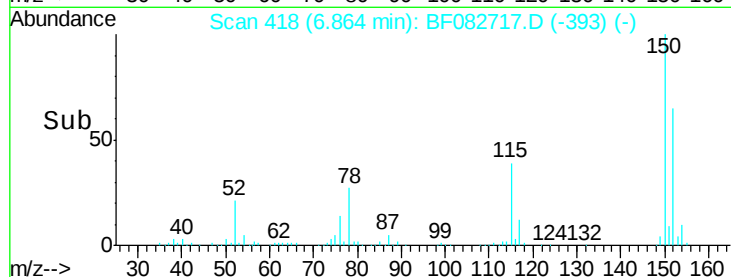
115 59.3 47.0 70.6



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: 52.89 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.01 min

Lab File: BF082717.D

Acq: 4 Nov 2015 23:06

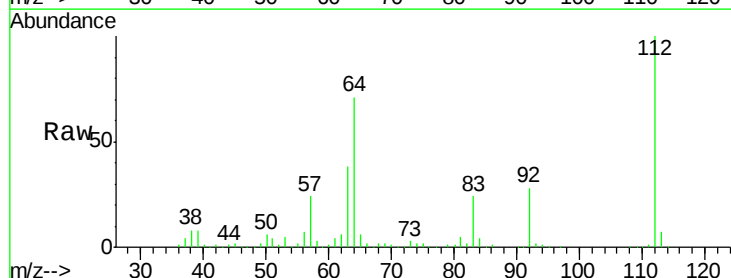
Tgt Ion:112 Resp: 617075

Ion Ratio Lower Upper

112 100

64 71.2 48.9 73.3

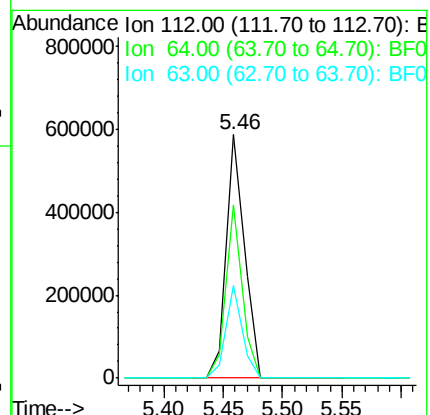
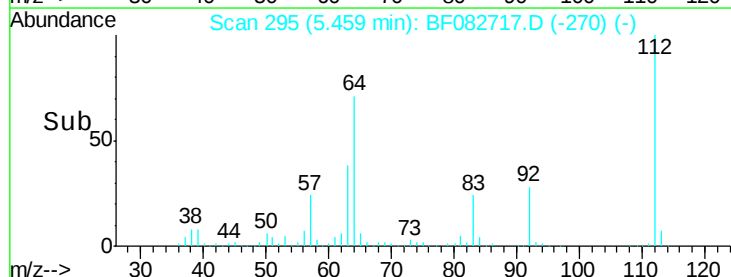
63 38.0 28.1 42.1



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: 37.43 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF082717.D

Acq: 4 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

SB-3WS

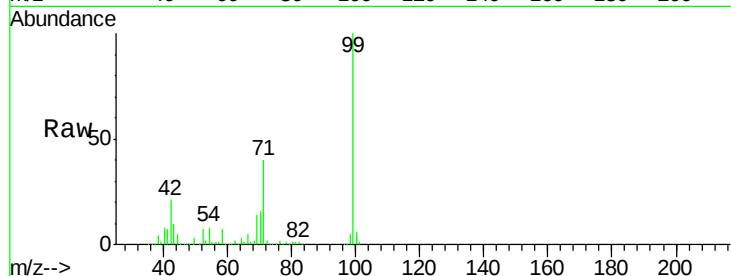
Tgt Ion: 99 Resp: 580189

Ion Ratio Lower Upper

99 100

42 20.5 19.2 28.8

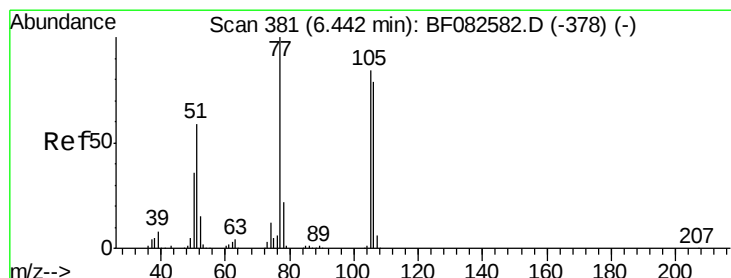
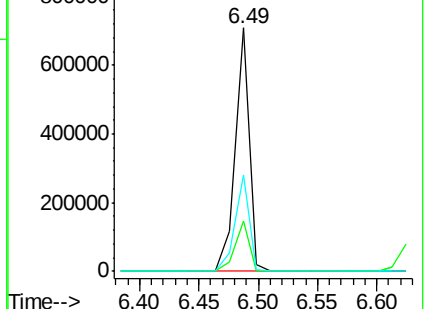
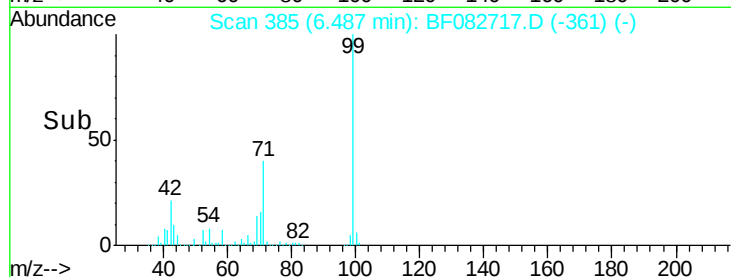
71 39.5 35.0 52.4



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: 3.18 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.21 min

Lab File: BF082717.D

Acq: 4 Nov 2015 23:06

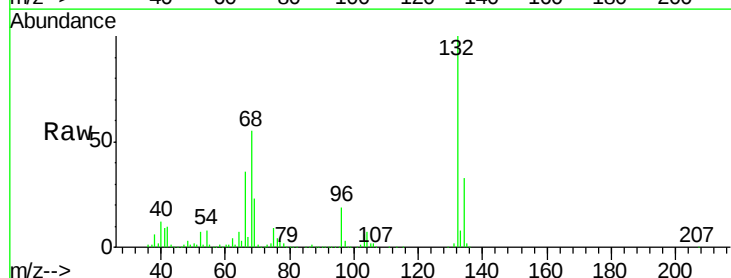
Tgt Ion: 77 Resp: 33674

Ion Ratio Lower Upper

77 100

105 70.3 63.5 103.5

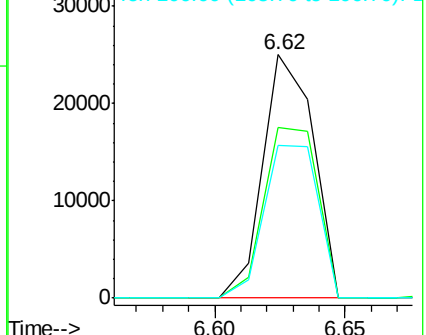
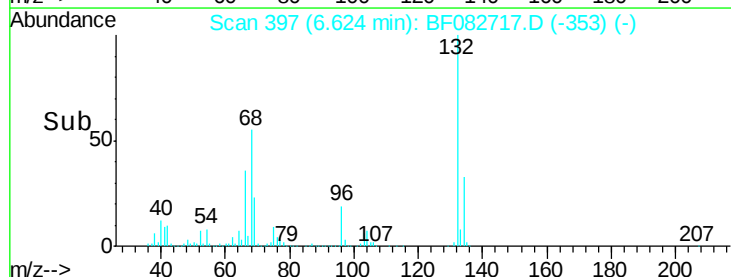
106 62.6 59.3 99.3

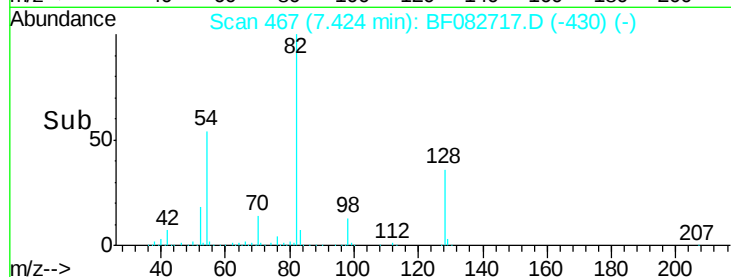
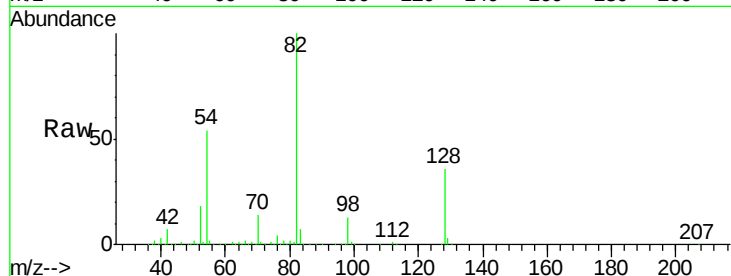
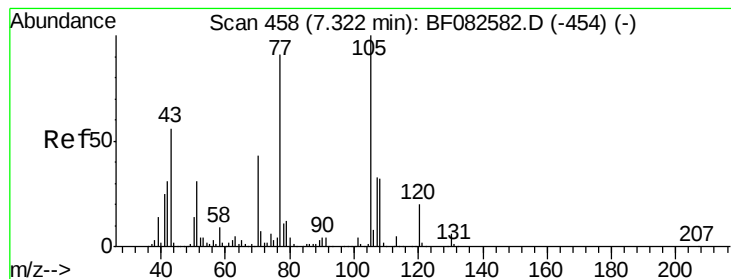


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 14.30 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082717.D

Acq: 4 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

SB-3WS

Tgt Ion: 70 Resp: 167969

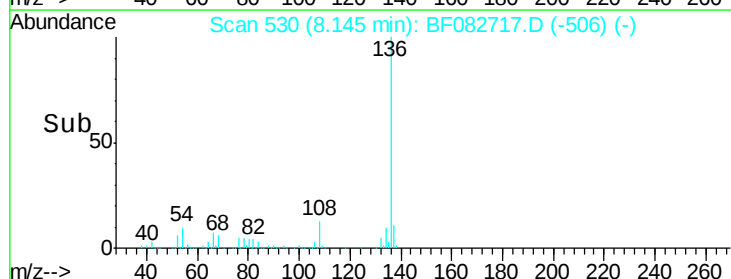
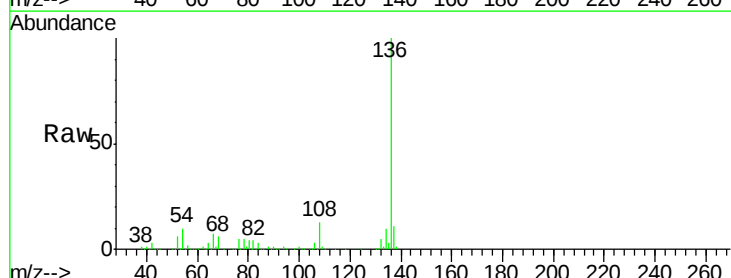
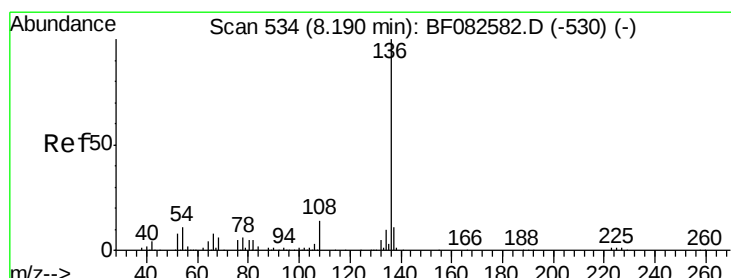
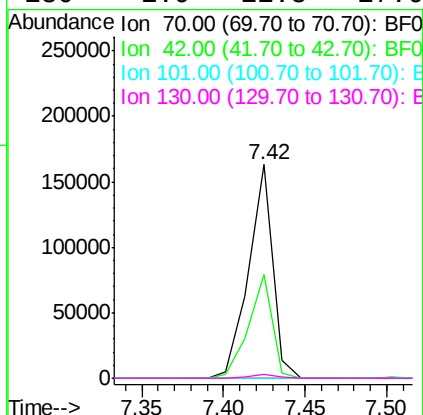
Ion Ratio Lower Upper

70 100

42 48.6 57.7 86.5#

101 0.0 7.0 10.6#

130 1.9 11.8 17.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF082717.D

Acq: 4 Nov 2015 23:06

Tgt Ion: 136 Resp: 620144

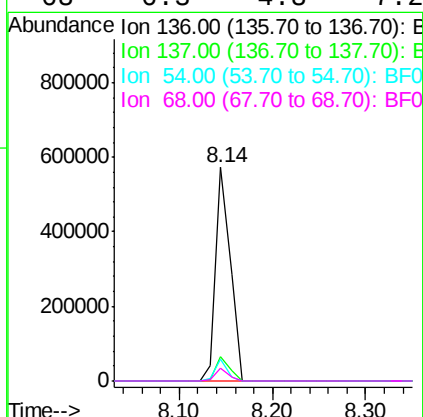
Ion Ratio Lower Upper

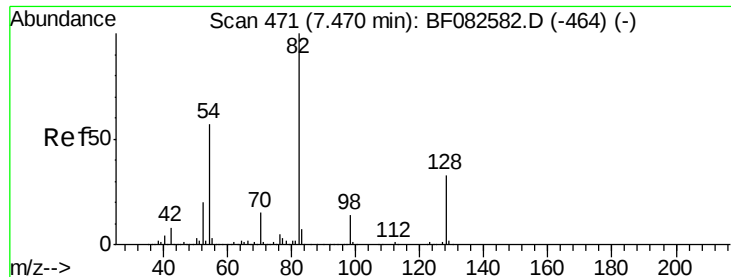
136 100

137 11.5 9.1 13.7

54 10.0 9.1 13.7

68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 79.01 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF082717.D

Acq: 4 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

SB-3WS

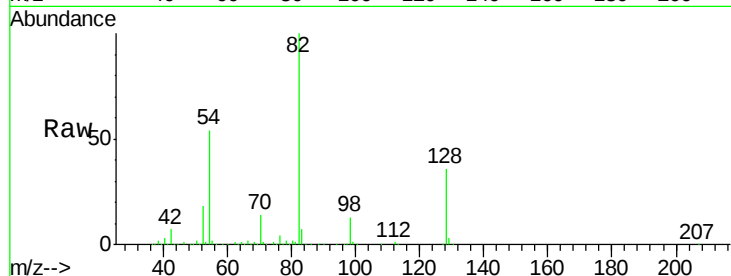
Tgt Ion: 82 Resp: 1199951

Ion Ratio Lower Upper

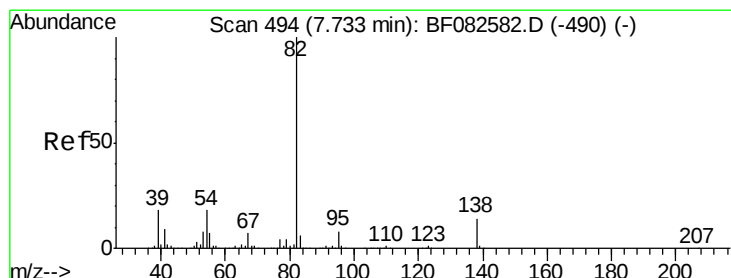
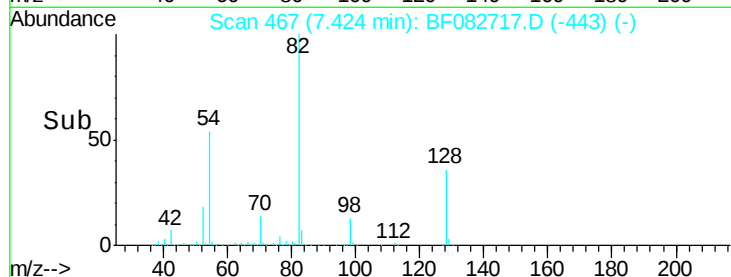
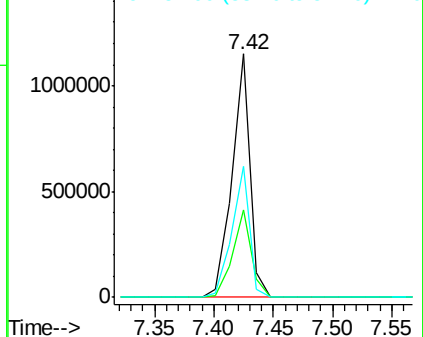
82 100

128 35.8 26.8 40.2

54 53.9 45.7 68.5



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: 31.18 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.29 min

Lab File: BF082717.D

Acq: 4 Nov 2015 23:06

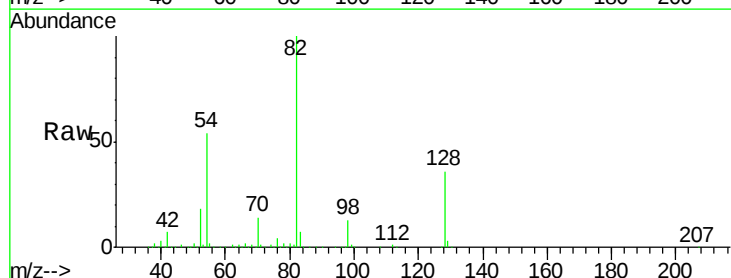
Tgt Ion: 82 Resp: 871083

Ion Ratio Lower Upper

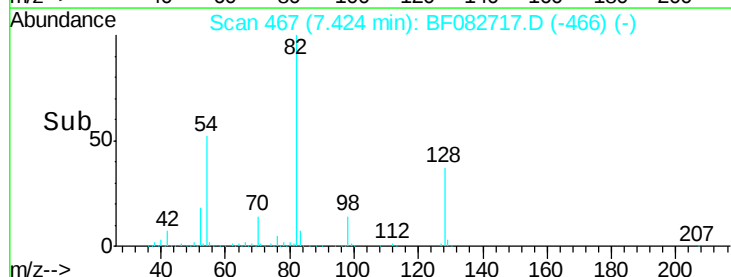
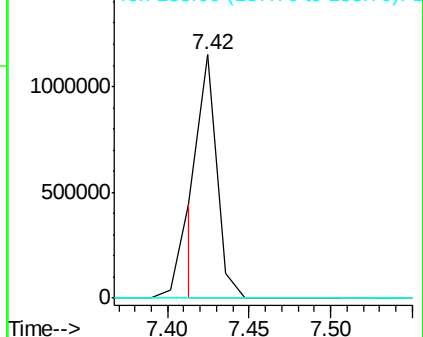
82 100

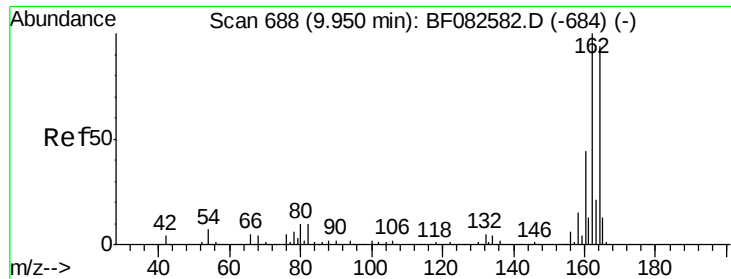
95 0.0 6.6 9.8#

138 0.0 11.4 17.0#



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

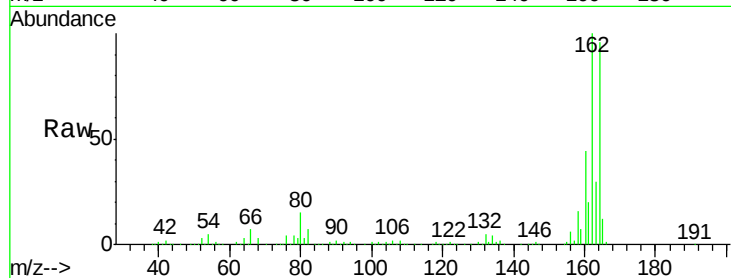




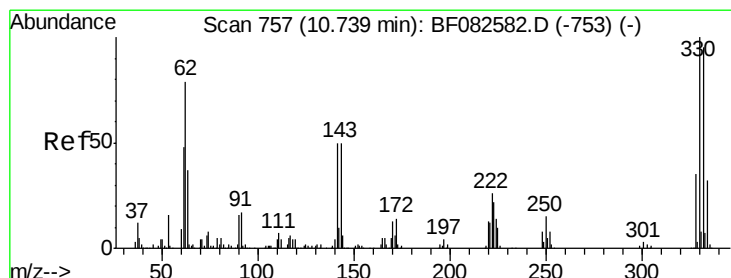
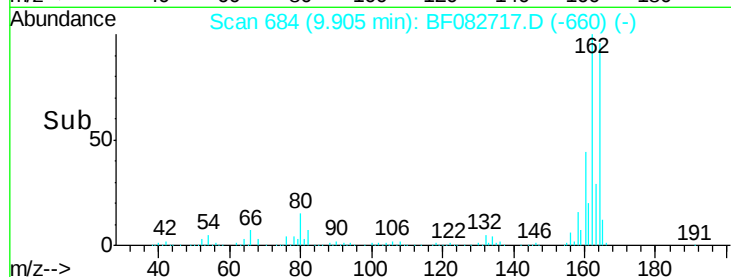
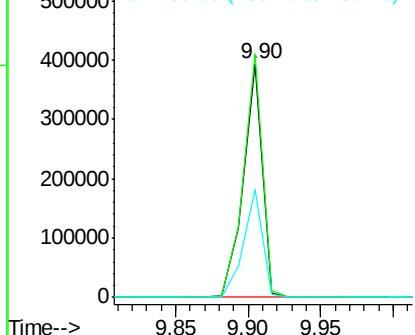
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082717.D
 Acq: 4 Nov 2015 23:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-3WS

Tgt Ion:164 Resp: 358118
 Ion Ratio Lower Upper
 164 100
 162 104.3 84.9 127.3
 160 46.3 37.5 56.3

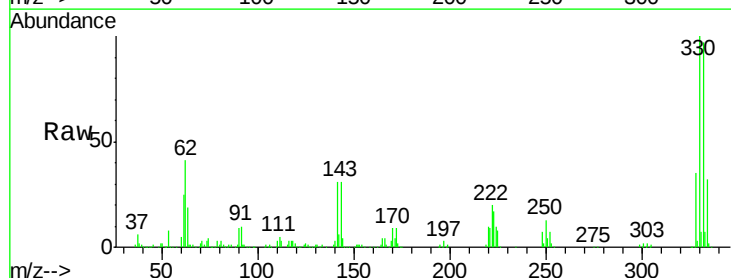


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

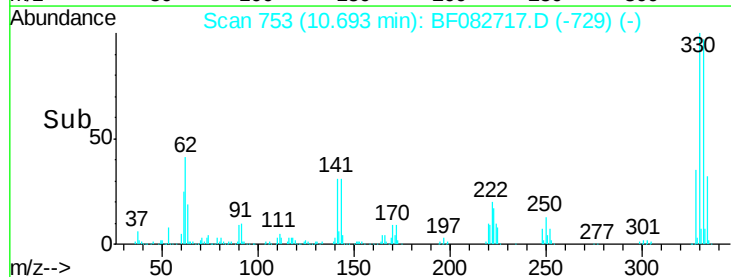
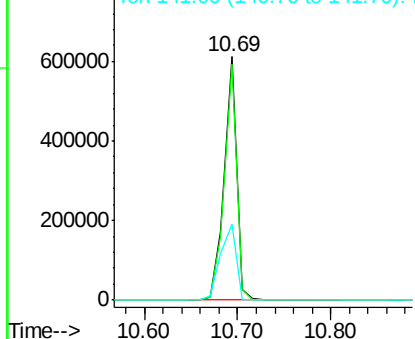


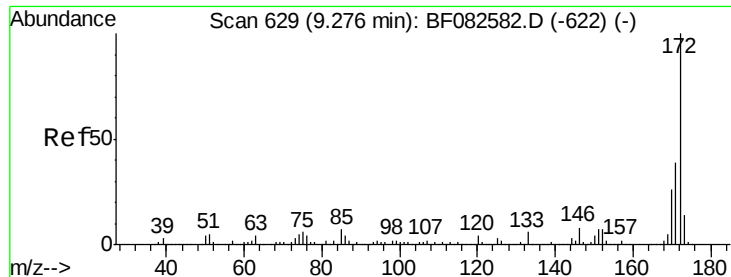
#41
 2,4,6-Tribromophenol
 Concen: 144.24 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082717.D
 Acq: 4 Nov 2015 23:06

Tgt Ion:330 Resp: 565325
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 39.2 41.2 61.8#



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

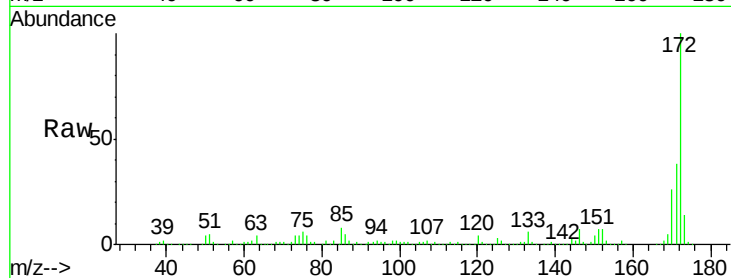




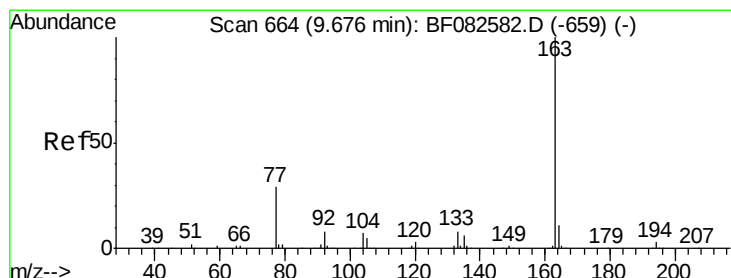
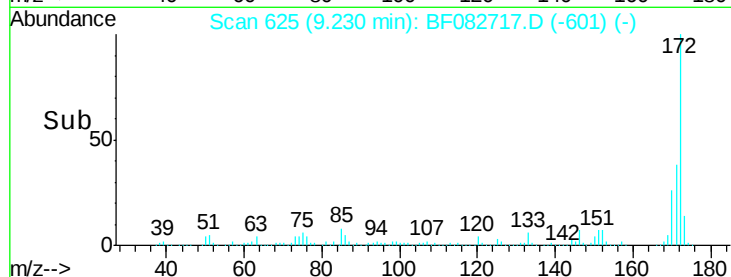
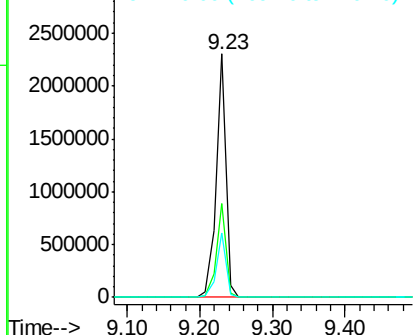
#44
 2-Fluorobiphenyl
 Concen: 84.76 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082717.D
 Acq: 4 Nov 2015 23:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-3WS

Tgt Ion:172 Resp: 2137879
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.8 46.2
 170 26.3 21.2 31.8

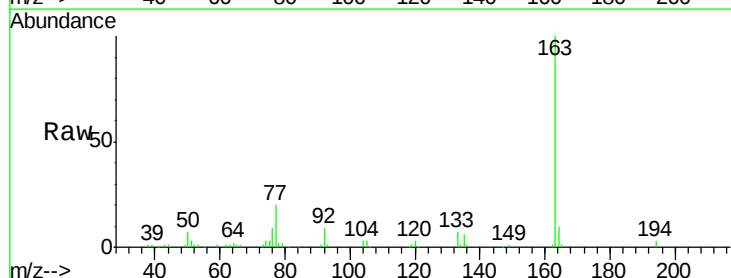


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

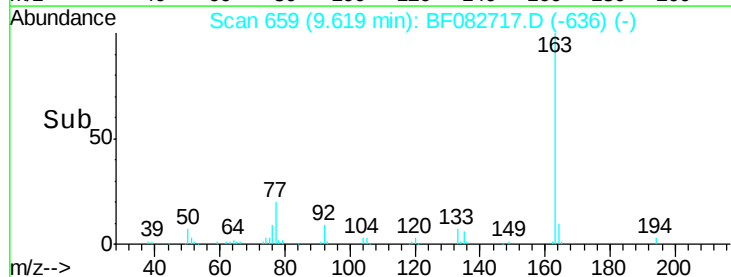
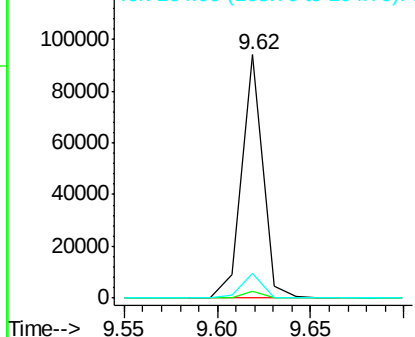


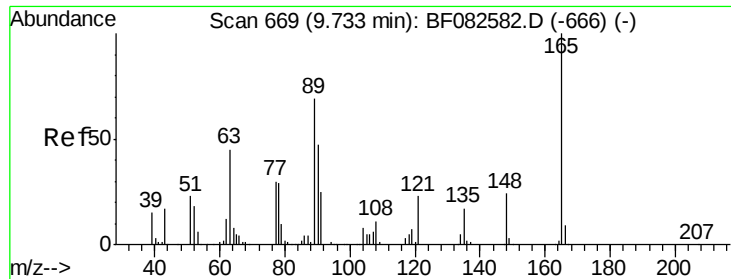
#49
 Dimethylphthalate
 Concen: 2.53 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.03 min
 Lab File: BF082717.D
 Acq: 4 Nov 2015 23:06

Tgt Ion:163 Resp: 74049
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.6 4.0
 164 10.0 8.7 13.1



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

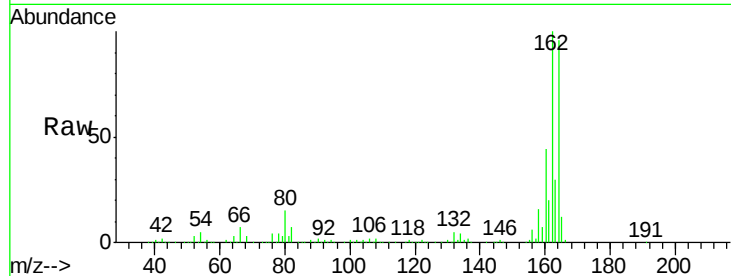




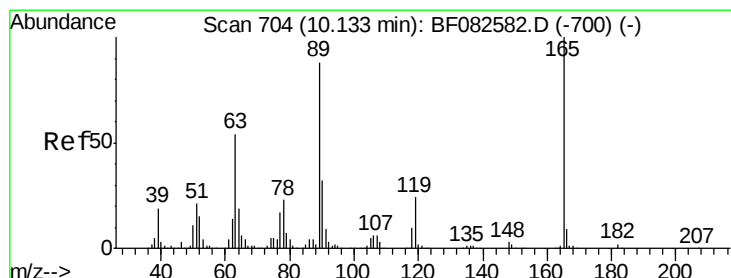
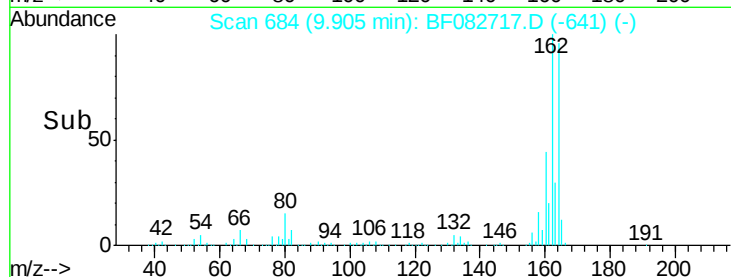
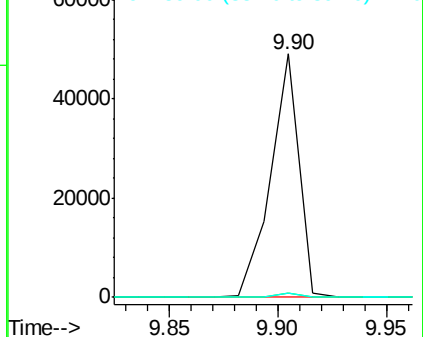
#50
 2,6-Dinitrotoluene
 Concen: 7.42 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.19 min
 Lab File: BF082717.D
 Acq: 4 Nov 2015 23:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-3WS

Tgt Ion:165 Resp: 44987
 Ion Ratio Lower Upper
 165 100
 63 1.6 55.5 83.3#
 89 1.6 55.0 82.6#

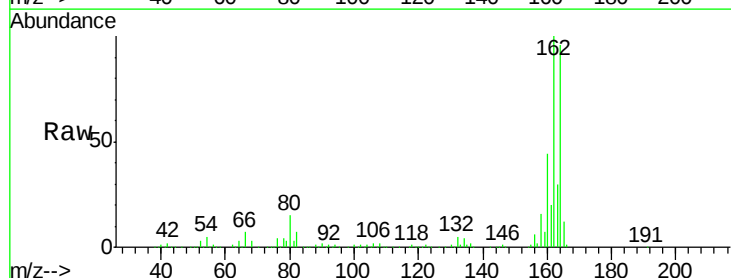


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

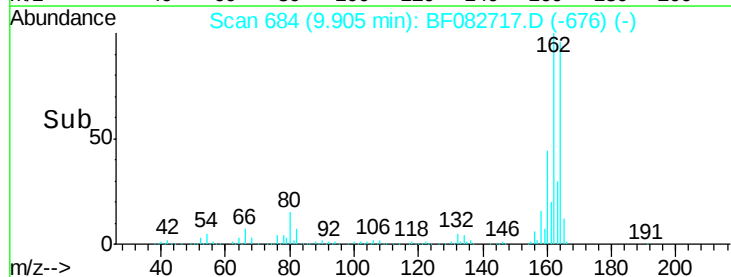
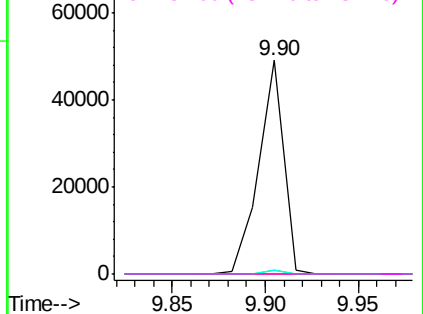


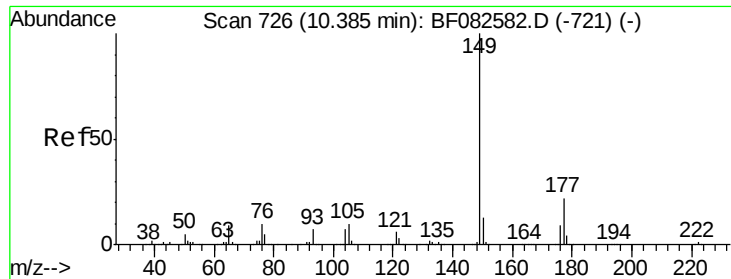
#56
 2,4-Dinitrotoluene
 Concen: 5.49 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.21 min
 Lab File: BF082717.D
 Acq: 4 Nov 2015 23:06

Tgt Ion:165 Resp: 44990
 Ion Ratio Lower Upper
 165 100
 63 1.6 43.4 65.0#
 89 1.6 70.6 106.0#
 182 0.0 1.5 2.3#



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

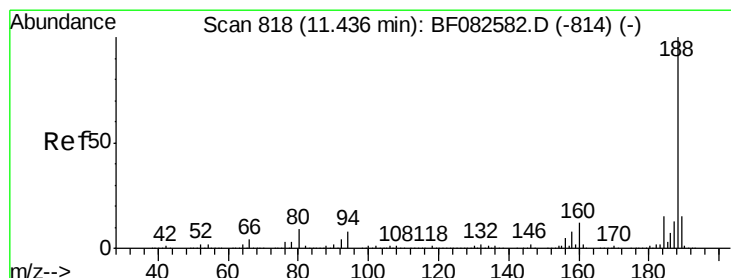
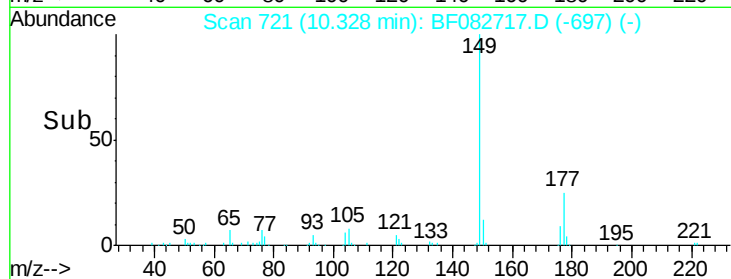
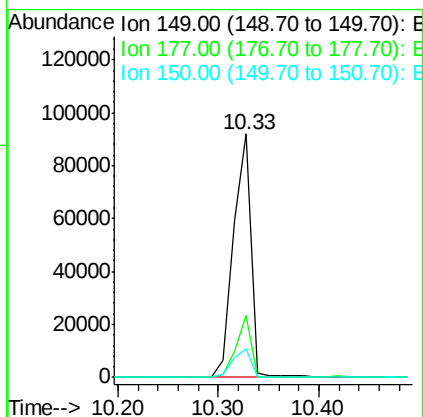
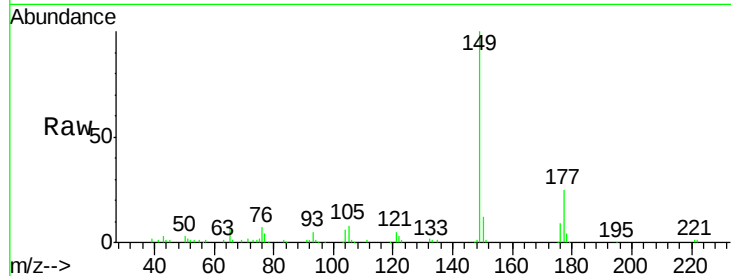




#59
Diethylphthalate
Concen: 3.73 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF082717.D
Acq: 4 Nov 2015 23:06

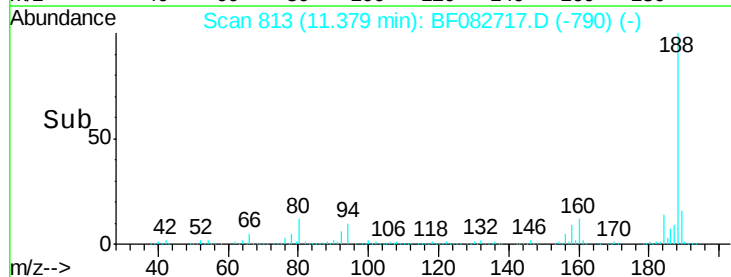
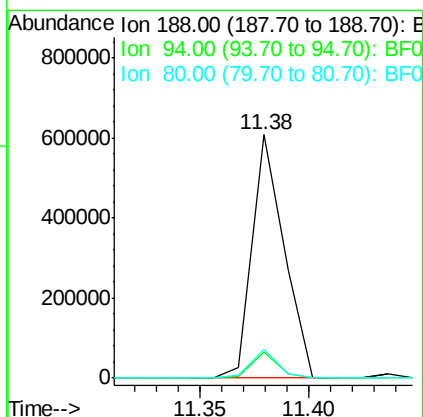
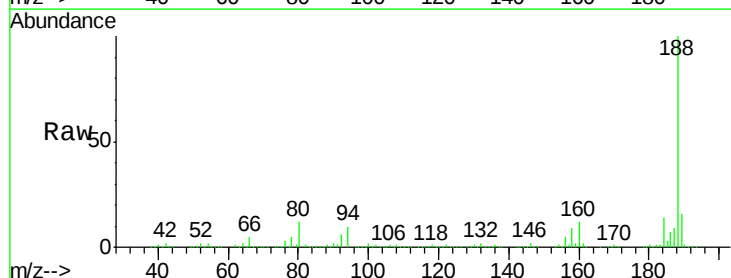
Instrument :
BNA_F
ClientSampleId :
SB-3WS

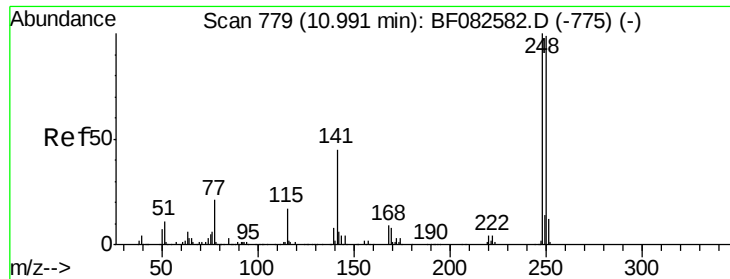
Tgt Ion:149 Resp: 110979
Ion Ratio Lower Upper
149 100
177 25.2 17.9 26.9
150 11.8 10.1 15.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082717.D
Acq: 4 Nov 2015 23:06

Tgt Ion:188 Resp: 621851
Ion Ratio Lower Upper
188 100
94 10.4 6.1 9.1#
80 11.8 7.0 10.6#

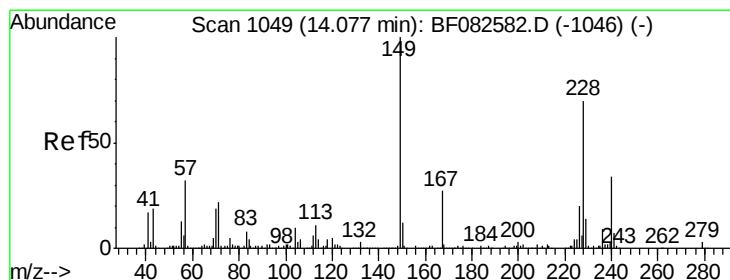
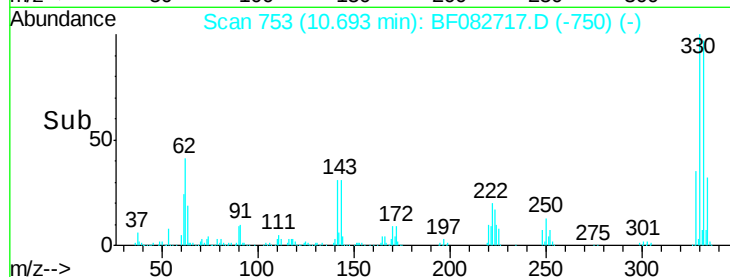
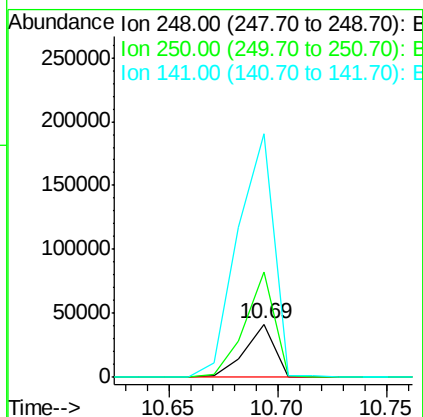
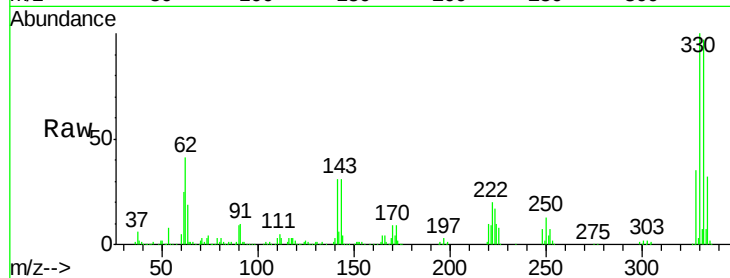




#66
4-Bromophenyl-phenylether
Concen: 5.69 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF082717.D
Acq: 4 Nov 2015 23:06

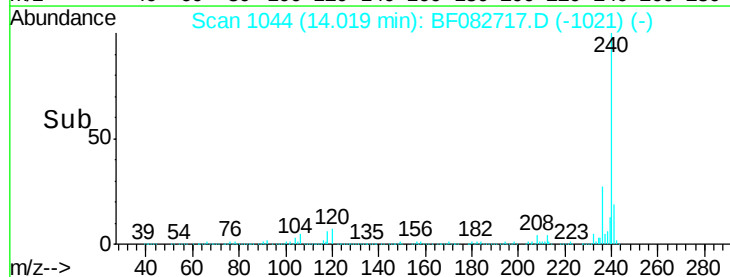
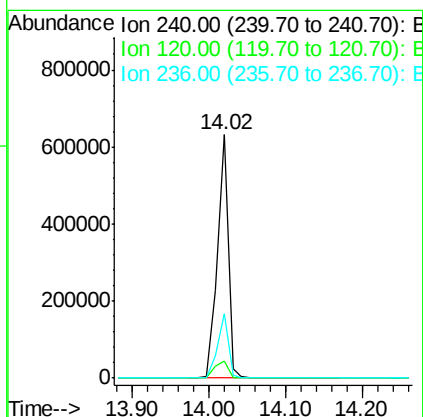
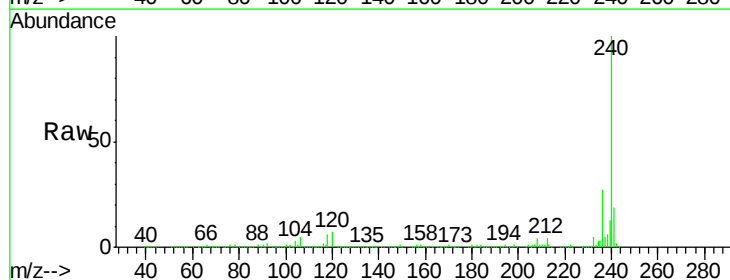
Instrument :
BNA_F
ClientSampleId :
SB-3WS

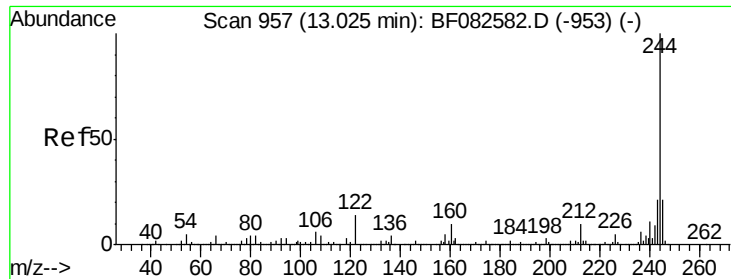
Tgt Ion:248 Resp: 40084
Ion Ratio Lower Upper
248 100
250 196.7 79.4 119.2#
141 455.0 36.3 54.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF082717.D
Acq: 4 Nov 2015 23:06

Tgt Ion:240 Resp: 615092
Ion Ratio Lower Upper
240 100
120 6.8 10.9 16.3#
236 26.7 21.6 32.4

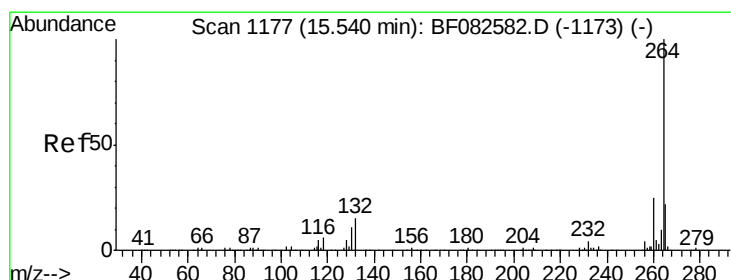
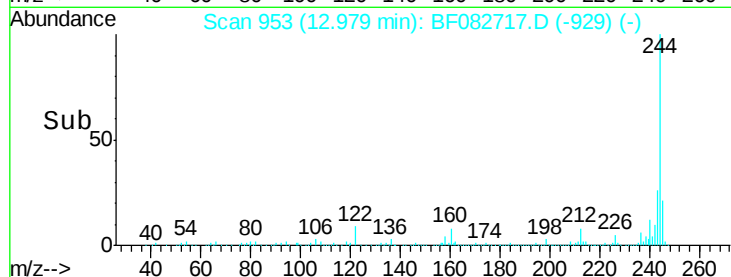
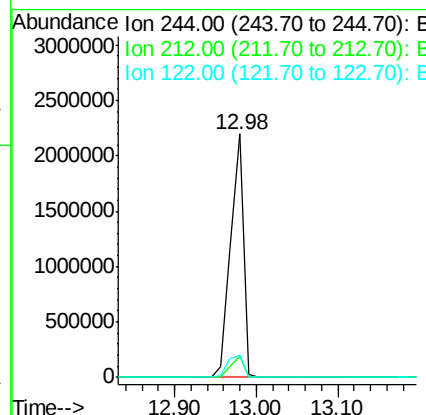
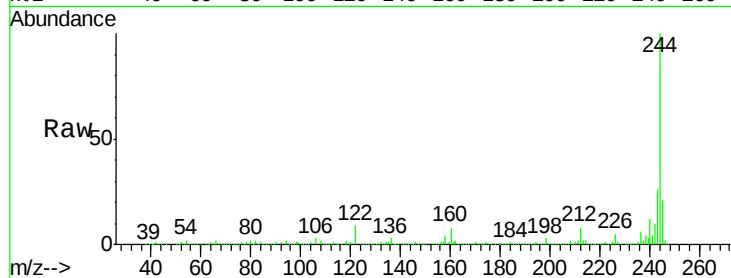




#78
 Terphenyl-d14
 Concen: 84.18 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.02 min
 Lab File: BF082717.D
 Acq: 4 Nov 2015 23:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-3WS

Tgt Ion:244 Resp: 2366032
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.6 11.4
 122 9.4 11.3 16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF082717.D
 Acq: 4 Nov 2015 23:06

Tgt Ion:264 Resp: 438006
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.6
 265 21.8 17.4 26.0

