

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
 Data File : BF082738.D
 Acq On : 5 Nov 2015 19:30
 Operator : UM/IZ
 Sample : G4261-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-1

Quant Time: Nov 06 01:17:19 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

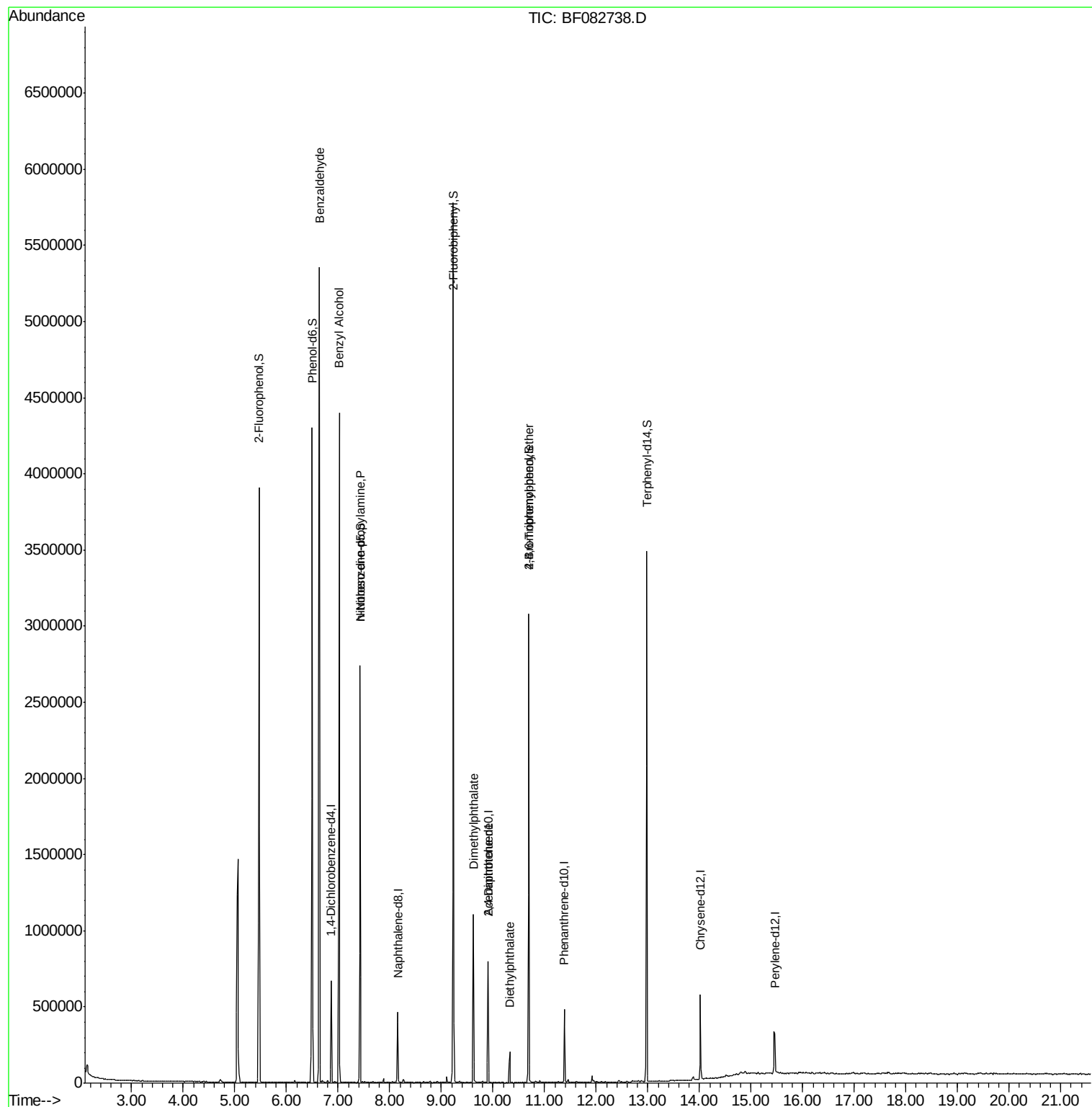
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	83876	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	288030	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	147454	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	237898	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	178705	20.00	ng	-0.03
86) Perylene-d12	15.46	264	168594	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1241049	222.85	ng	0.00
7) Phenol-d6	6.50	99	1526365	206.31	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1035666	146.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	364150	225.66	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1613282	155.34	ng	-0.02
78) Terphenyl-d14	12.98	244	1306694	160.02	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.64	77	38968	7.72	ng	91
15) Benzyl Alcohol	7.02	79	21792	3.16	ng	# 55
19) n-Nitroso-di-n-propylamine	7.42	70	139777	24.92	ng	# 72
49) Dimethylphthalate	9.62	163	397198	32.98	ng	99
56) 2,4-Dinitrotoluene	9.90	165	18546	5.49	ng	# 14
59) Diethylphthalate	10.33	149	94153	7.68	ng	98
66) 4-Bromophenyl-phenylether	10.69	248	26608	9.87	ng	# 1

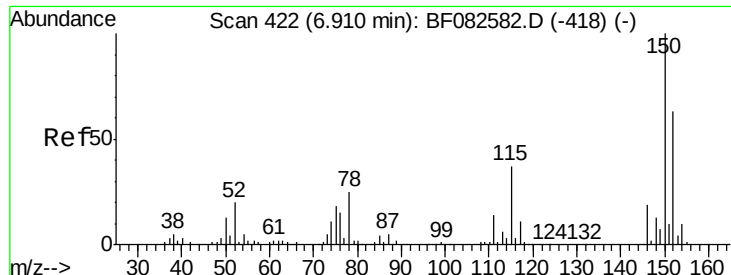
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082738.D

Acq: 5 Nov 2015 19:30

Instrument :

BNA_F

ClientSampleId :

DW-1

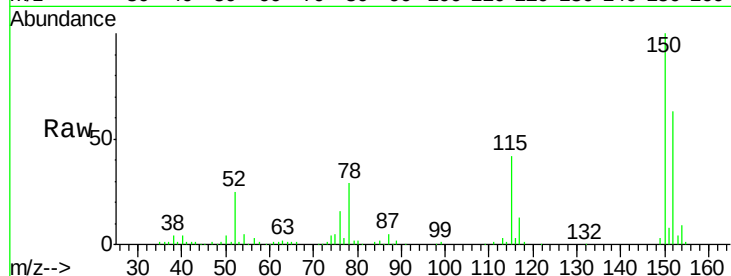
Tgt Ion:152 Resp: 83876

Ion Ratio Lower Upper

152 100

150 159.4 127.0 190.4

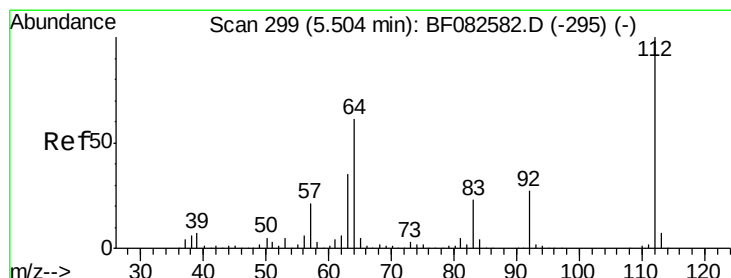
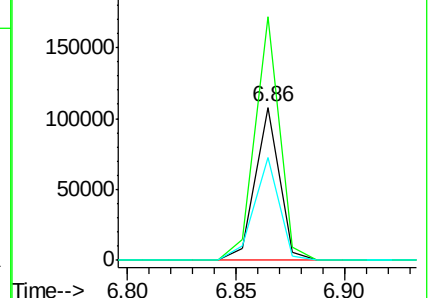
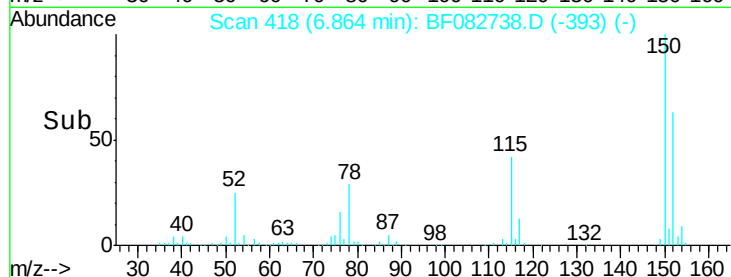
115 67.6 47.0 70.6



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: 222.85 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF082738.D

Acq: 5 Nov 2015 19:30

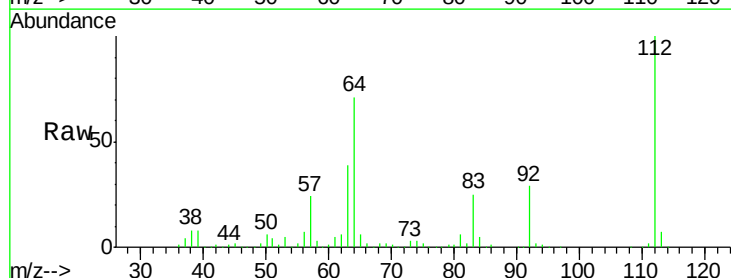
Tgt Ion:112 Resp: 1241049

Ion Ratio Lower Upper

112 100

64 71.4 48.9 73.3

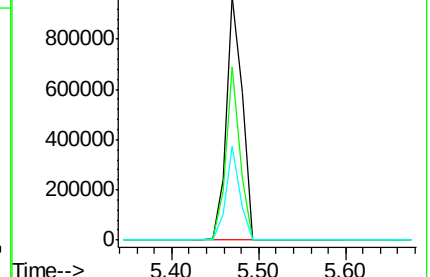
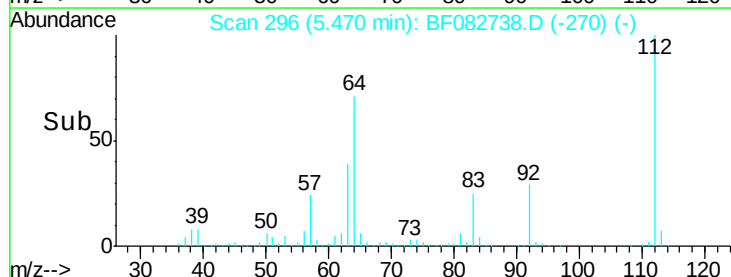
63 38.8 28.1 42.1

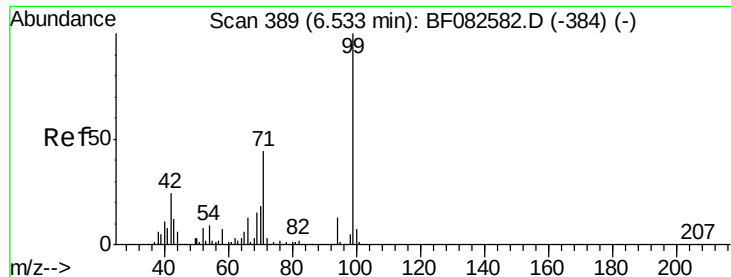


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 206.31 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082738.D

Acq: 5 Nov 2015 19:30

Instrument :

BNA_F

ClientSampleId :

DW-1

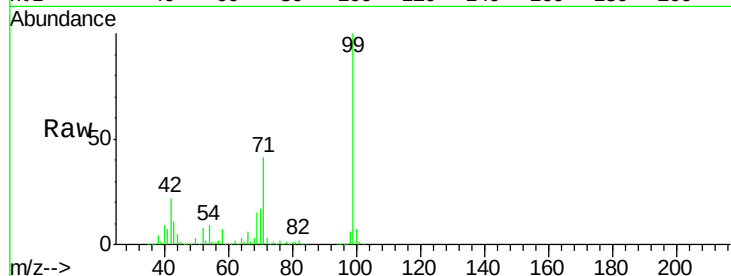
Tgt Ion: 99 Resp: 1526365

Ion Ratio Lower Upper

99 100

42 21.7 19.2 28.8

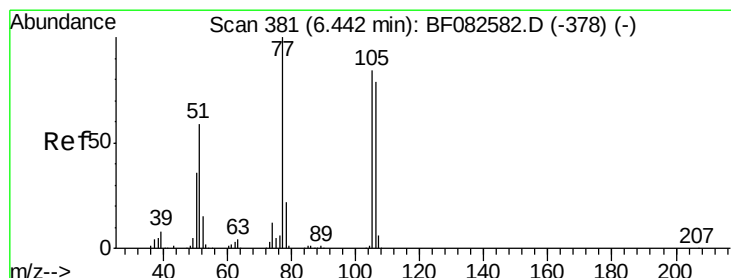
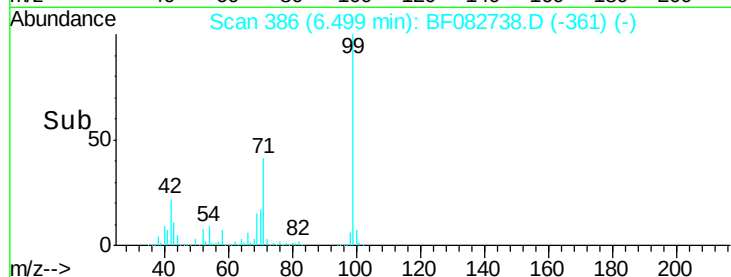
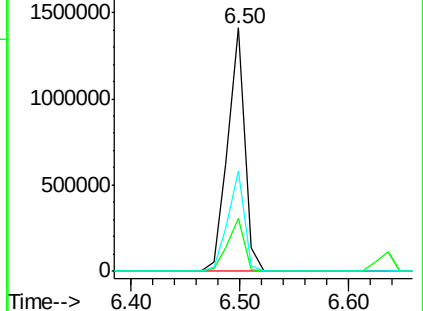
71 41.2 35.0 52.4



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: 7.72 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082738.D

Acq: 5 Nov 2015 19:30

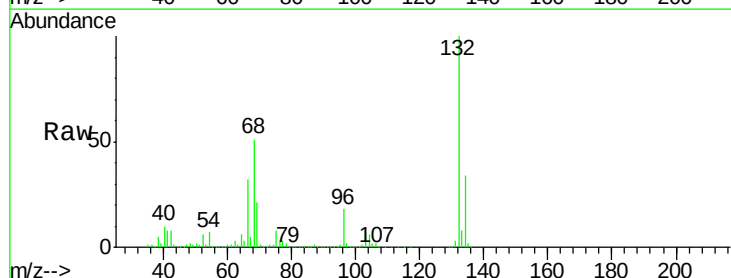
Tgt Ion: 77 Resp: 38968

Ion Ratio Lower Upper

77 100

105 77.6 63.5 103.5

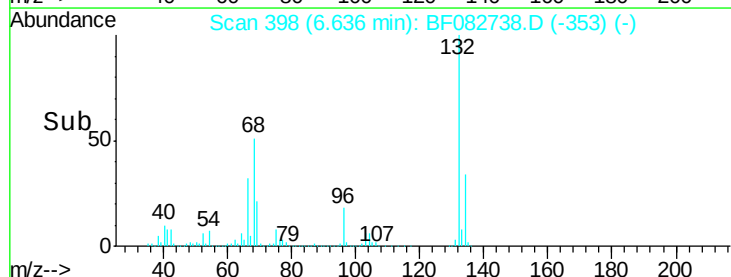
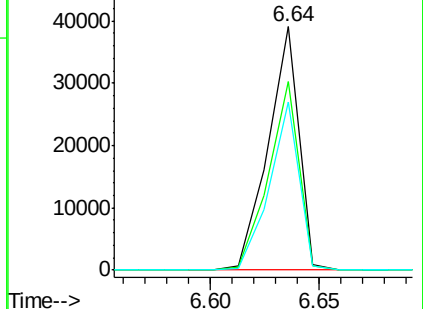
106 68.8 59.3 99.3

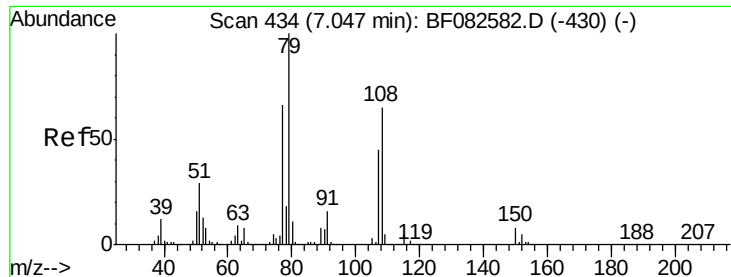


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 3.16 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF082738.D

Acq: 5 Nov 2015 19:30

Instrument :

BNA_F

ClientSampleId :

DW-1

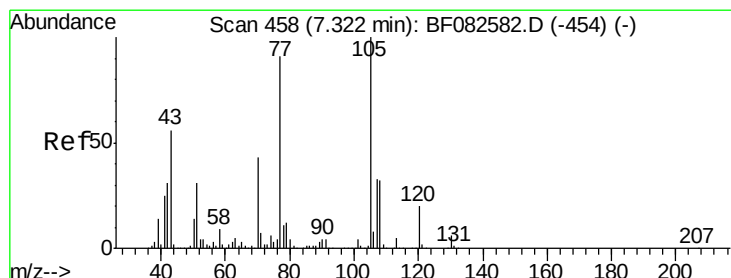
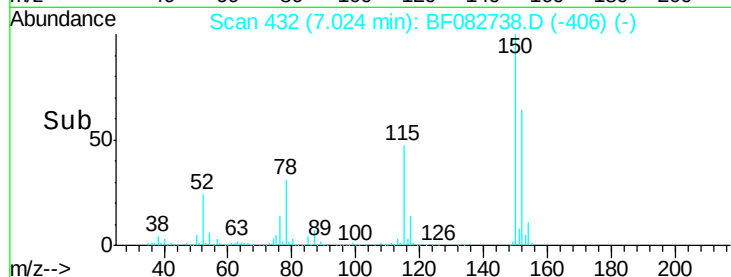
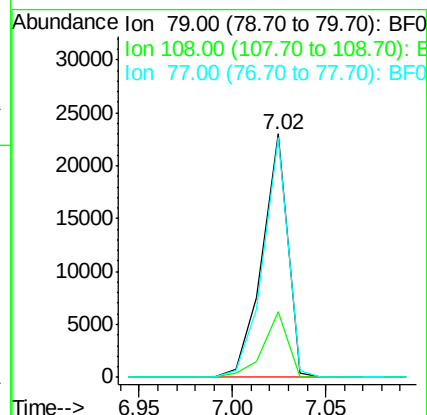
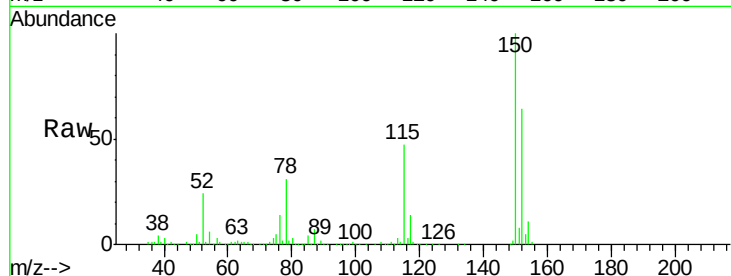
Tgt Ion: 79 Resp: 21792

Ion Ratio Lower Upper

79 100

108 26.8 52.2 78.4#

77 98.7 52.7 79.1#



#19

n-Nitroso-di-n-propylamine

Concen: 24.92 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082738.D

Acq: 5 Nov 2015 19:30

Tgt Ion: 70 Resp: 139777

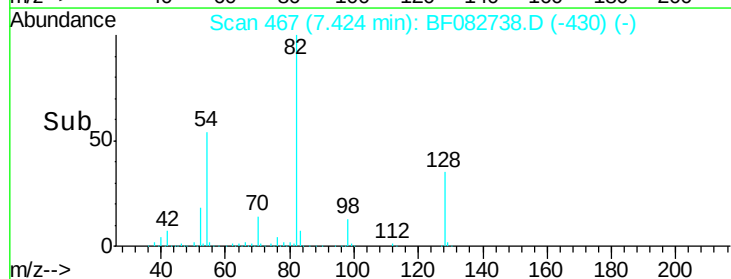
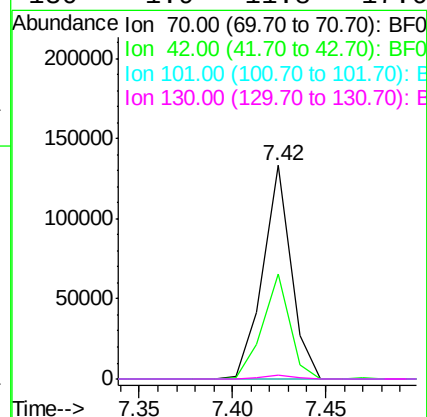
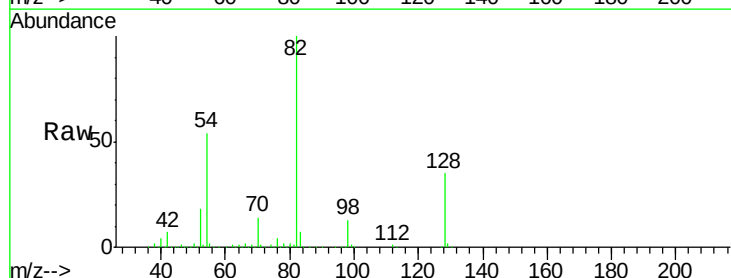
Ion Ratio Lower Upper

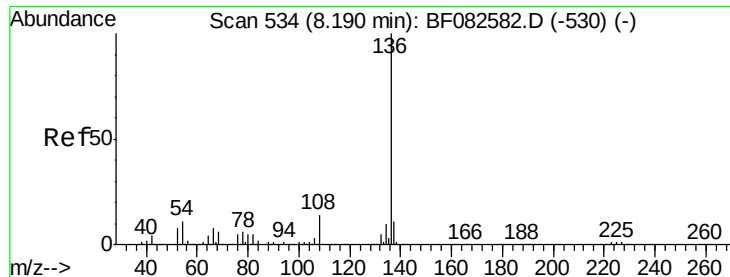
70 100

42 49.5 57.7 86.5#

101 0.0 7.0 10.6#

130 1.9 11.8 17.6#

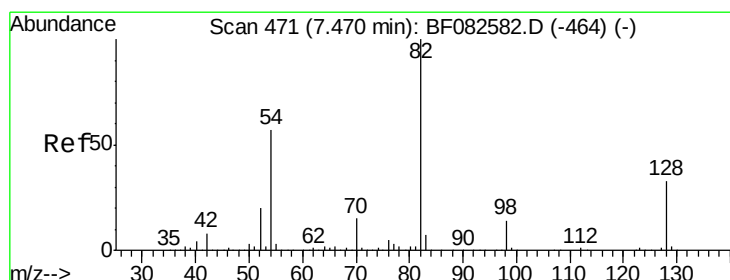
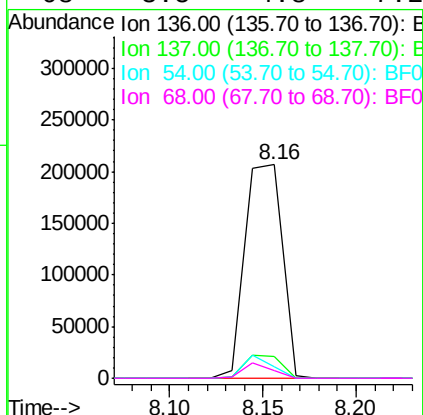
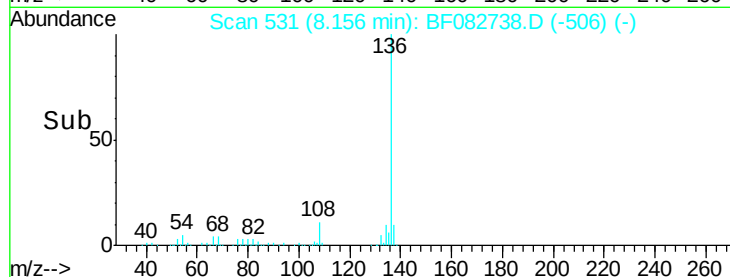
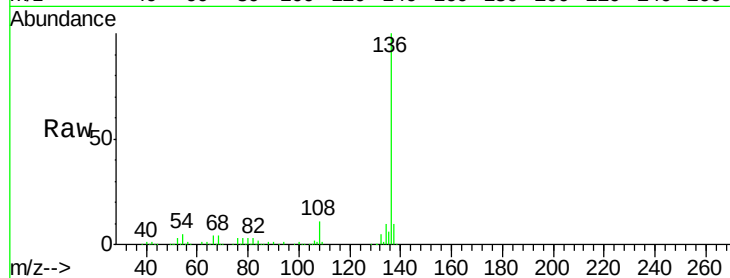




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF082738.D
Acq: 5 Nov 2015 19:30

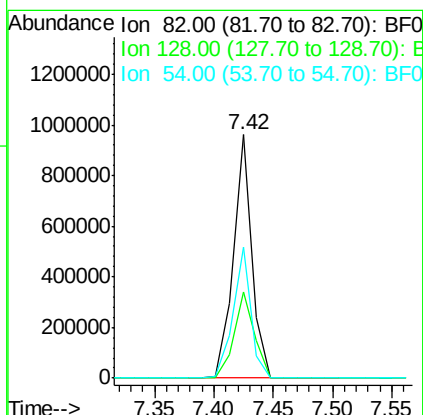
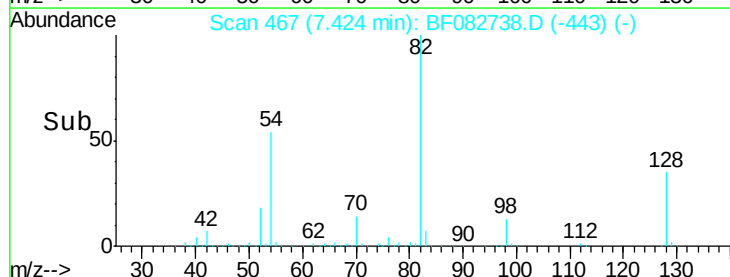
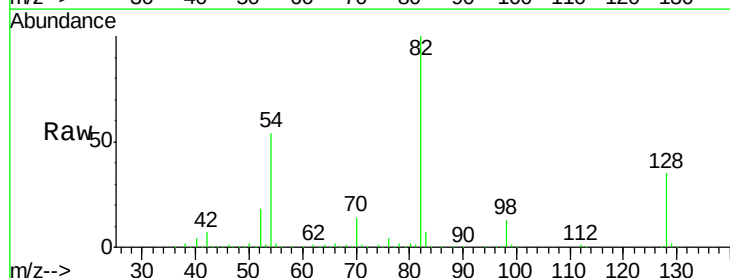
Instrument :
BNA_F
ClientSampleId :
DW-1

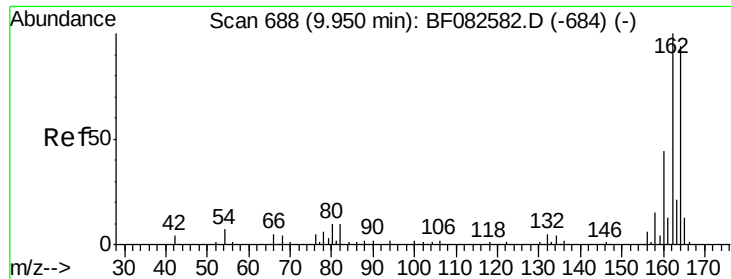
Tgt Ion:	136	Resp:	288030
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	5.3	9.1	13.7#
68	3.5	4.8	7.2#



#23
Nitrobenzene-d5
Concen: 146.83 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF082738.D
Acq: 5 Nov 2015 19:30

Tgt Ion:	82	Resp:	1035666
Ion	Ratio	Lower	Upper
82	100		
128	35.4	26.8	40.2
54	53.9	45.7	68.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082738.D

Acq: 5 Nov 2015 19:30

Instrument :

BNA_F

ClientSampleId :

DW-1

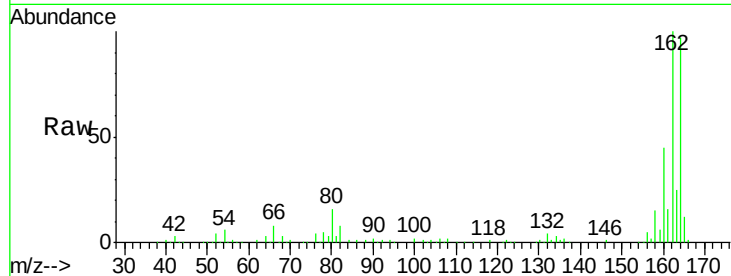
Tgt Ion:164 Resp: 147454

Ion Ratio Lower Upper

164 100

162 102.9 84.9 127.3

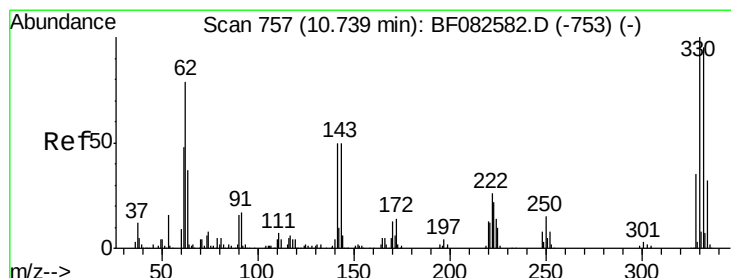
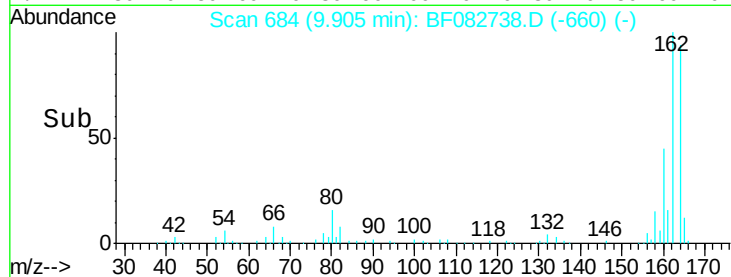
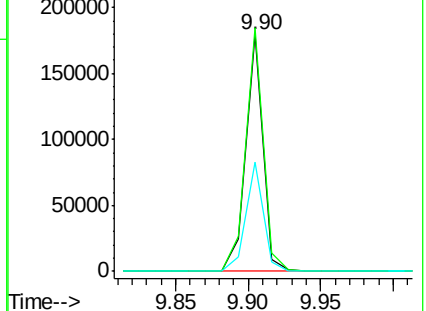
160 46.2 37.5 56.3



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: 225.66 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF082738.D

Acq: 5 Nov 2015 19:30

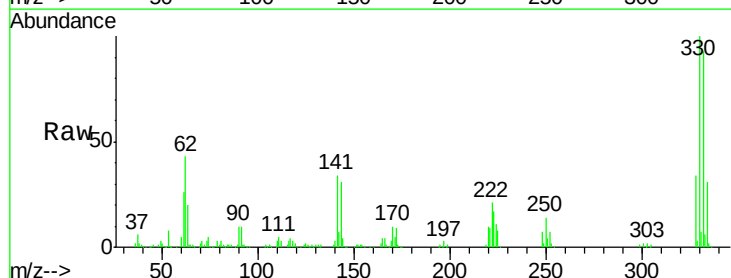
Tgt Ion:330 Resp: 364150

Ion Ratio Lower Upper

330 100

332 93.9 76.6 114.8

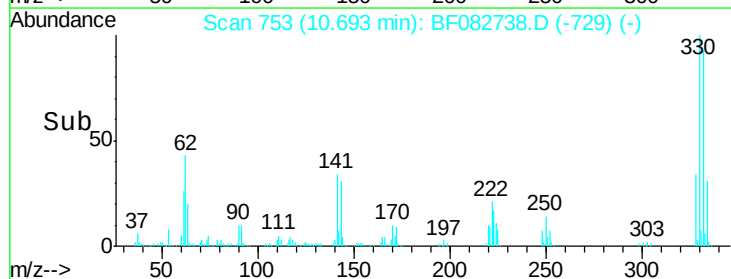
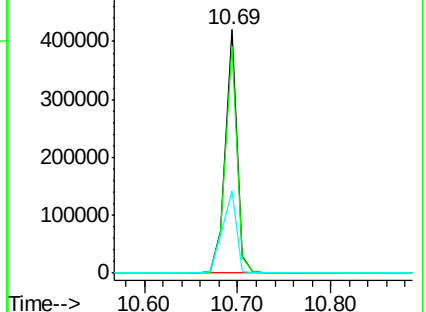
141 40.1 41.2 61.8#

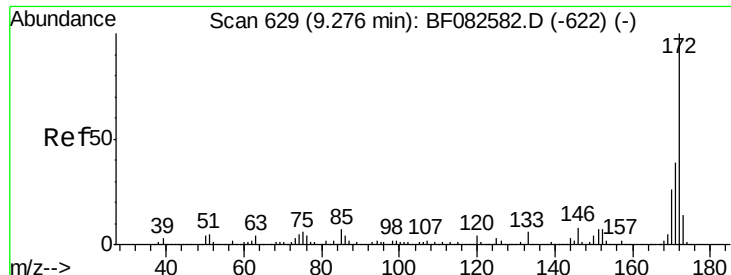


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

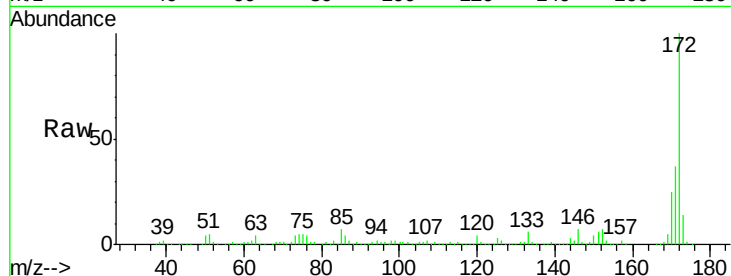




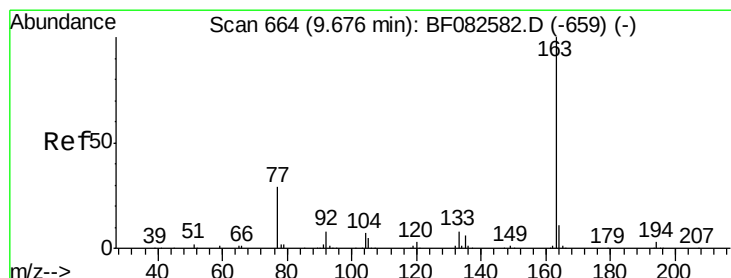
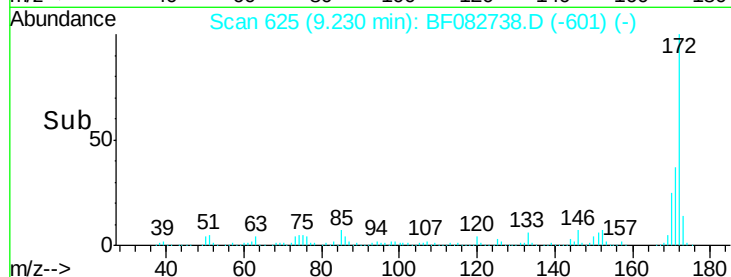
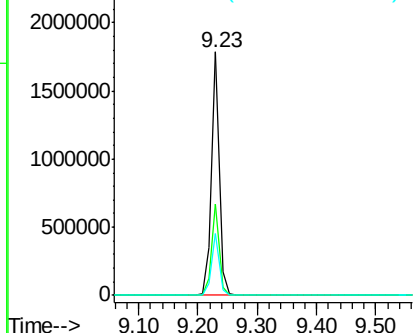
#44
 2-Fluorobiphenyl
 Concen: 155.34 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082738.D
 Acq: 5 Nov 2015 19:30

Instrument :
 BNA_F
 ClientSampleId :
 DW-1

Tgt Ion:172 Resp: 1613282
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.3 21.2 31.8

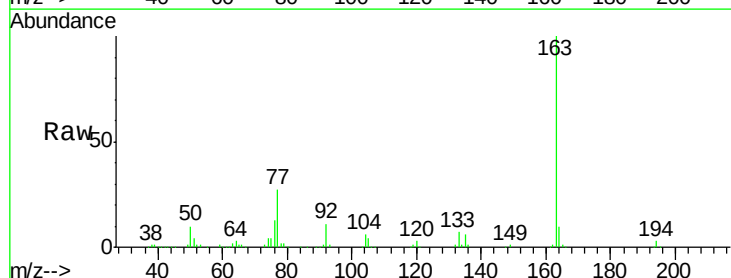


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

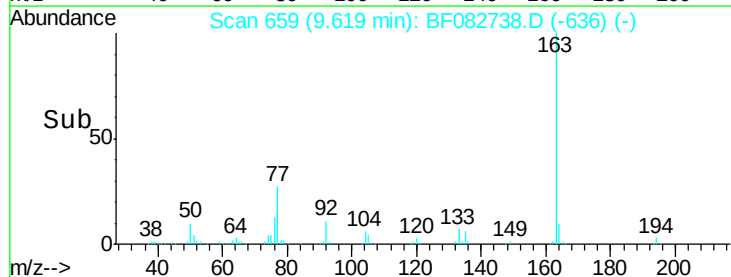
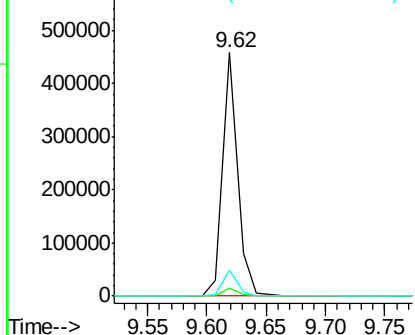


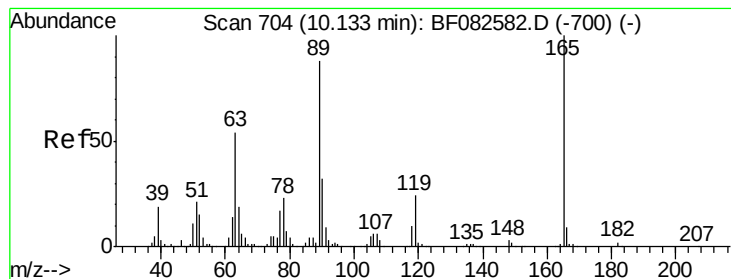
#49
 Dimethylphthalate
 Concen: 32.98 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.03 min
 Lab File: BF082738.D
 Acq: 5 Nov 2015 19:30

Tgt Ion:163 Resp: 397198
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.4 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





#56

2,4-Dinitrotoluene

Concen: 5.49 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.21 min

Lab File: BF082738.D

Acq: 5 Nov 2015 19:30

Instrument :

BNA_F

ClientSampleId :

DW-1

Tgt Ion:165 Resp: 18546

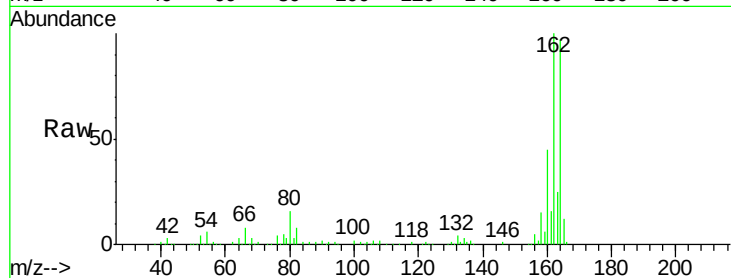
Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.0#

89 0.0 70.6 106.0#

182 0.0 1.5 2.3#

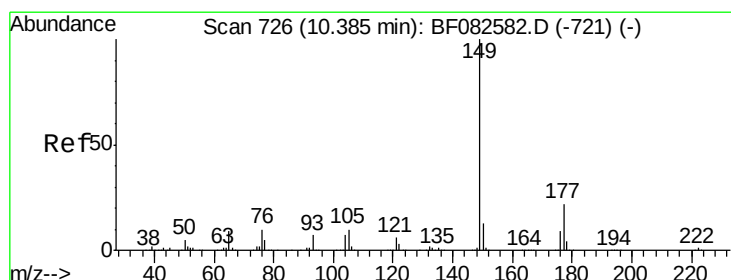
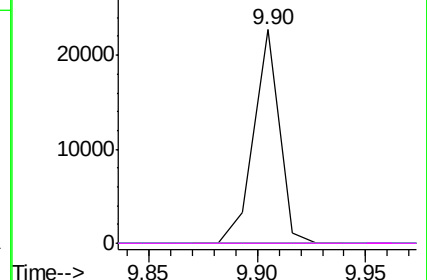
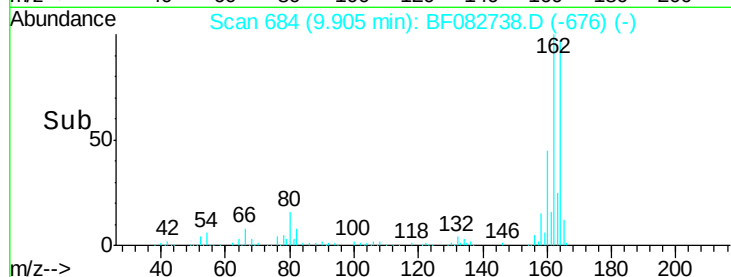


Abundance Ion 165.00 (164.70 to 165.70): E

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: 7.68 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF082738.D

Acq: 5 Nov 2015 19:30

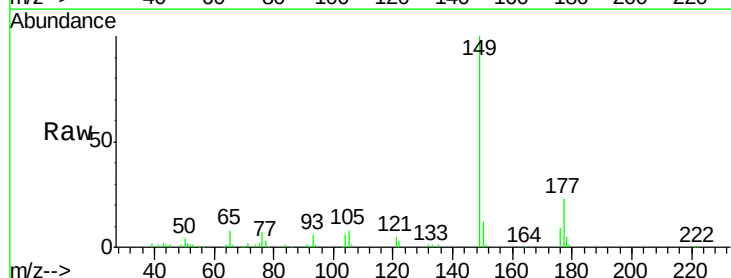
Tgt Ion:149 Resp: 94153

Ion Ratio Lower Upper

149 100

177 22.9 17.9 26.9

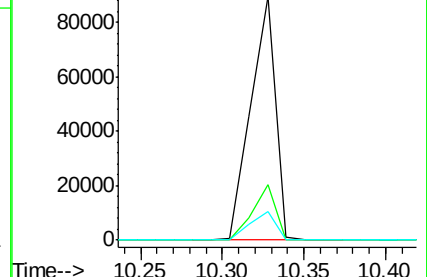
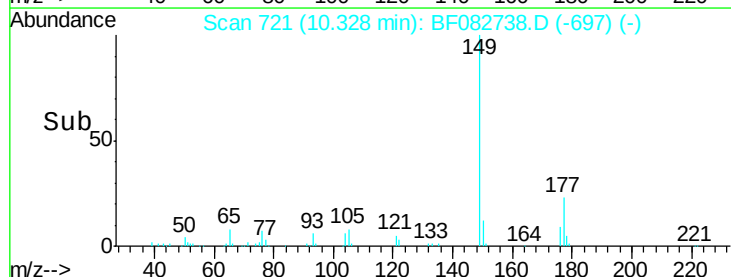
150 11.5 10.1 15.1

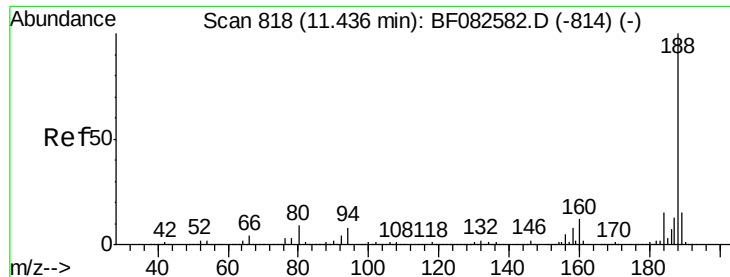


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

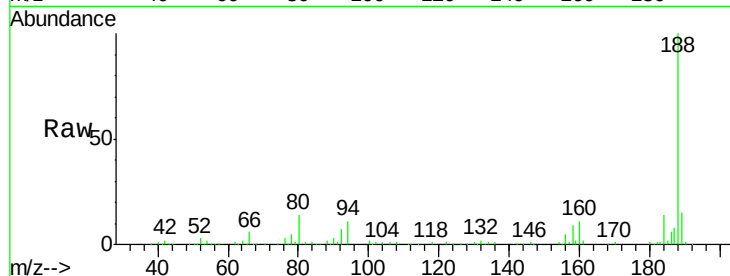




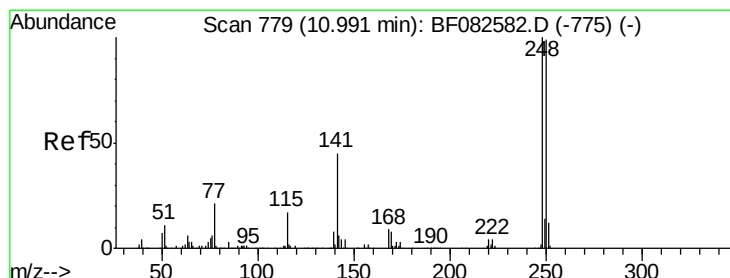
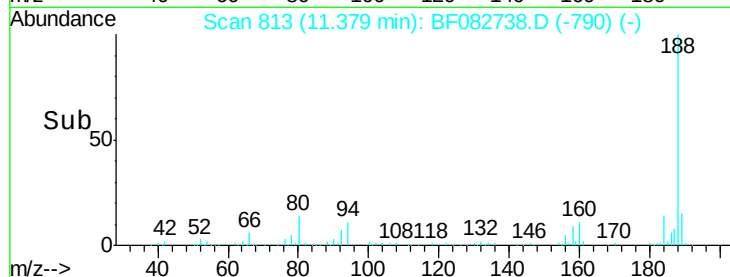
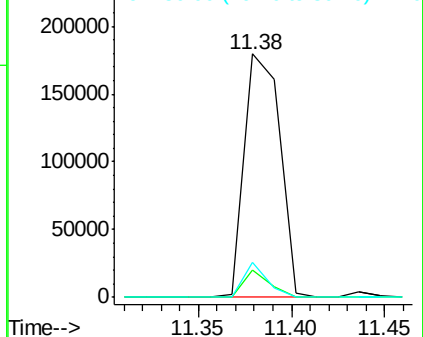
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF082738.D
 Acq: 5 Nov 2015 19:30

Instrument :
 BNA_F
 ClientSampleId :
 DW-1

Tgt Ion:188 Resp: 237898
 Ion Ratio Lower Upper
 188 100
 94 11.1 6.1 9.1#
 80 14.4 7.0 10.6#

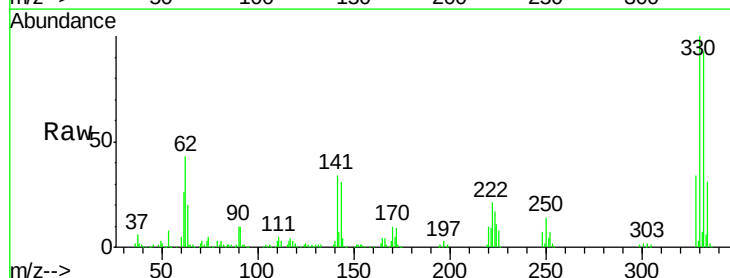


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

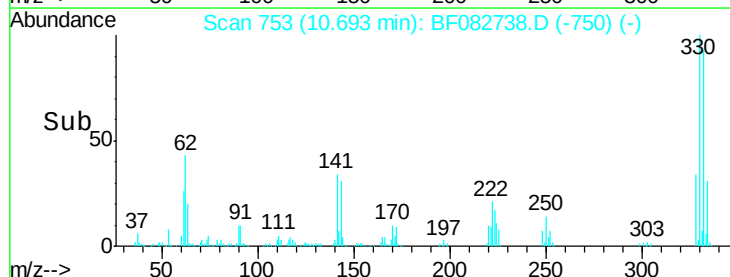
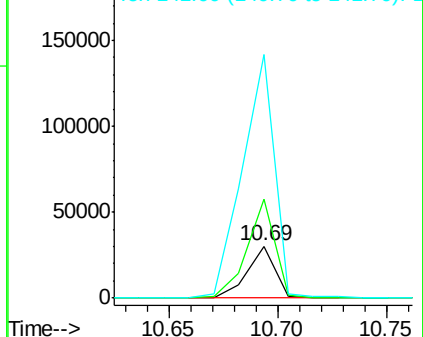


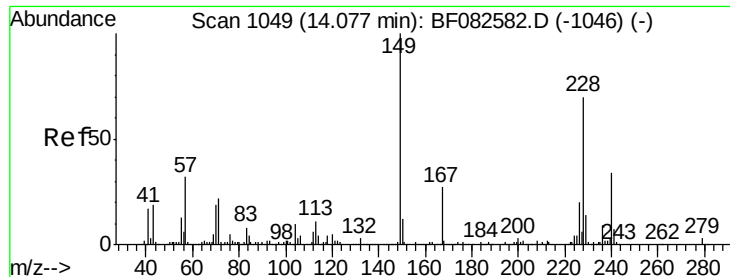
#66
 4-Bromophenyl-phenylether
 Concen: 9.87 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.26 min
 Lab File: BF082738.D
 Acq: 5 Nov 2015 19:30

Tgt Ion:248 Resp: 26608
 Ion Ratio Lower Upper
 248 100
 250 192.1 79.4 119.2#
 141 470.7 36.3 54.5#



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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082738.D

Acq: 5 Nov 2015 19:30

Instrument :

BNA_F

ClientSampleId :

DW-1

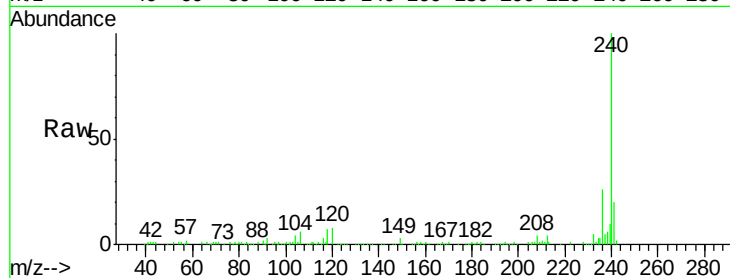
Tgt Ion:240 Resp: 178705

Ion Ratio Lower Upper

240 100

120 7.9 10.9 16.3#

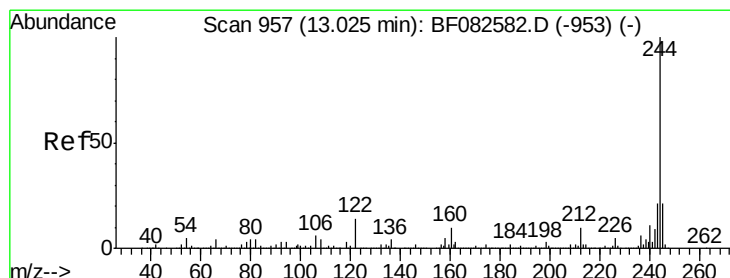
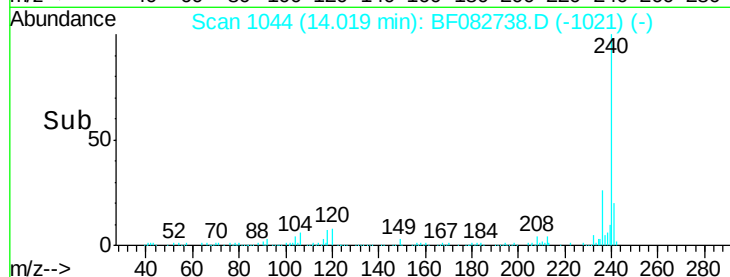
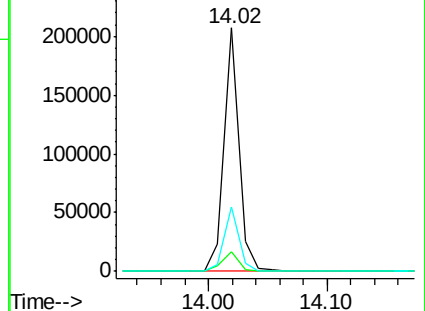
236 26.2 21.6 32.4



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: 160.02 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082738.D

Acq: 5 Nov 2015 19:30

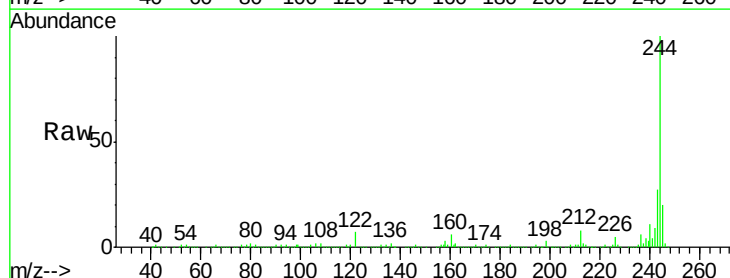
Tgt Ion:244 Resp: 1306694

Ion Ratio Lower Upper

244 100

212 7.5 7.6 11.4#

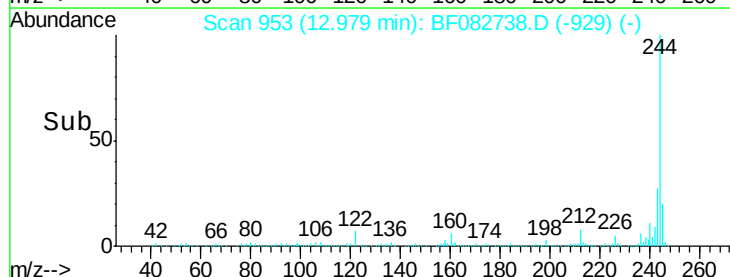
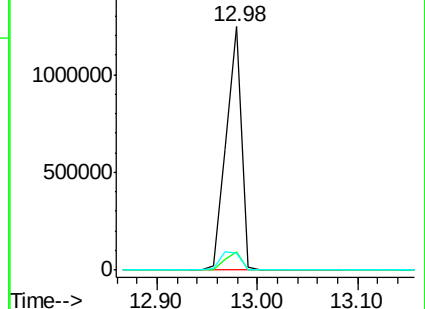
122 7.1 11.3 16.9#

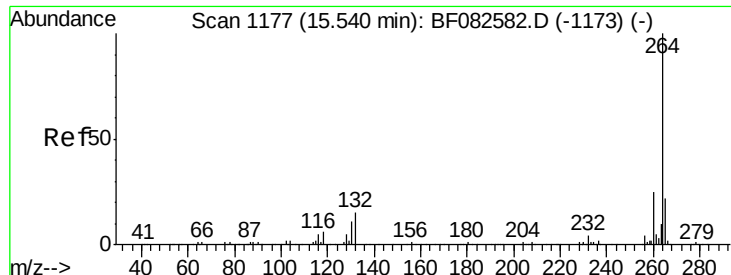


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF082738.D
Acq: 5 Nov 2015 19:30

Instrument :
BNA_F
ClientSampleId :
DW-1

Tgt Ion:	264	Resp:	168594
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	20.0	17.4	26.0

