

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110315\
 Data File : BF082674.D
 Acq On : 3 Nov 2015 21:44
 Operator : UM/IZ
 Sample : G4240-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(14-16)

Quant Time: Nov 04 03:21:26 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

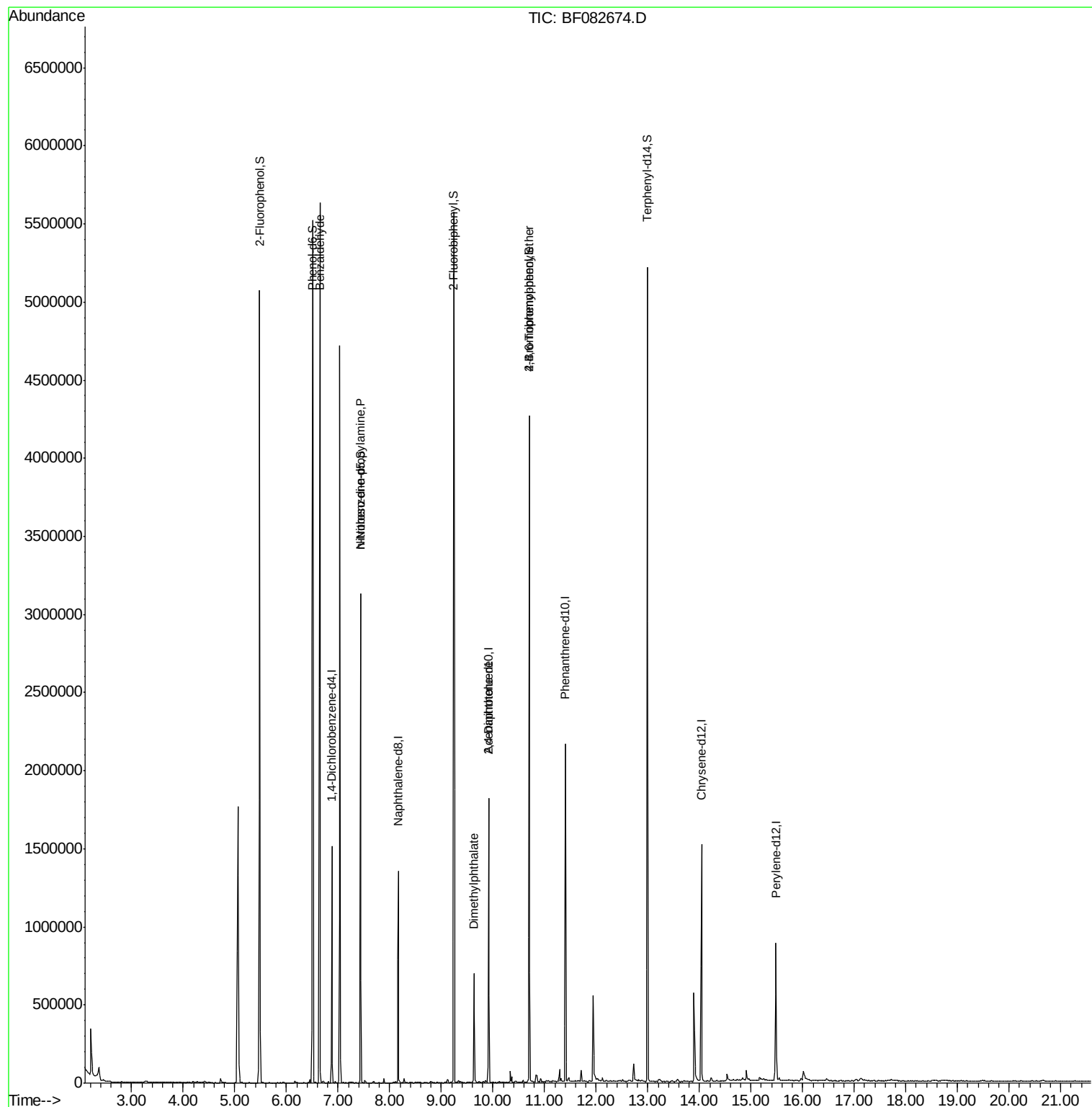
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	186104	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	707112	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	354682	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	718062	20.00	ng	-0.01
75) Chrysene-d12	14.04	240	572121	20.00	ng	-0.01
86) Perylene-d12	15.48	264	446452	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1265229	102.40	ng	0.01
7) Phenol-d6	6.51	99	1963283	119.60	ng	0.00
23) Nitrobenzene-d5	7.44	82	1094265	63.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	442888	114.10	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1848172	73.98	ng	-0.01
78) Terphenyl-d14	12.99	244	1987099	76.01	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.65	77	44238	3.95	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.44	70	153258	12.32	ng	# 72
49) Dimethylphthalate	9.63	163	352170	12.16	ng	98
56) 2,4-Dinitrotoluene	9.92	165	44529	5.48	ng	# 16
66) 4-Bromophenyl-phenylether	10.70	248	29983	3.68	ng	# 1

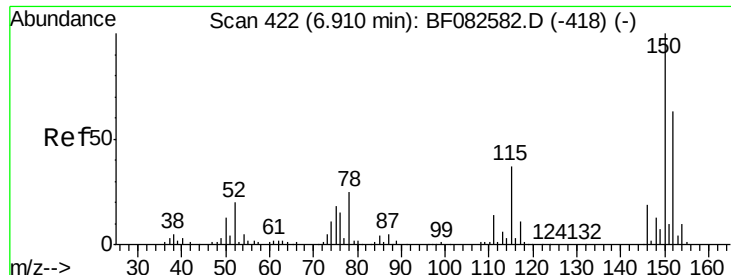
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110315\
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Acq On : 3 Nov 2015 21:44
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ALS Vial : 21 Sample Multiplier: 1

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SB-06(14-16)

Quant Time: Nov 04 03:21:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
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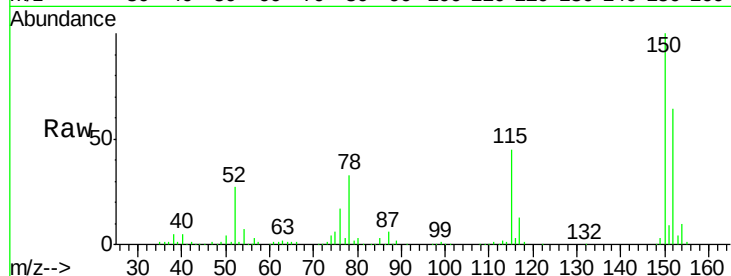


#1

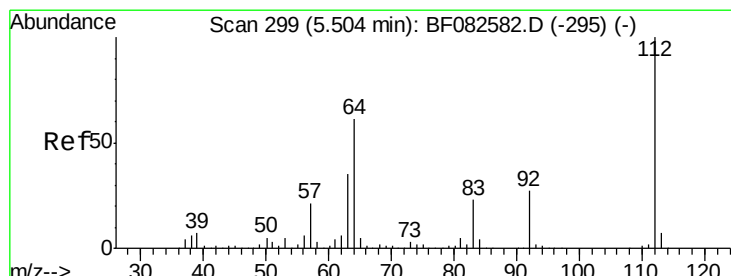
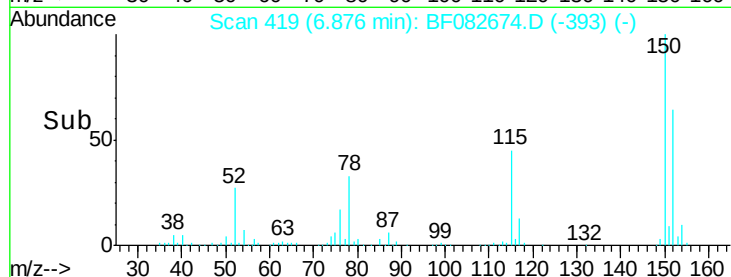
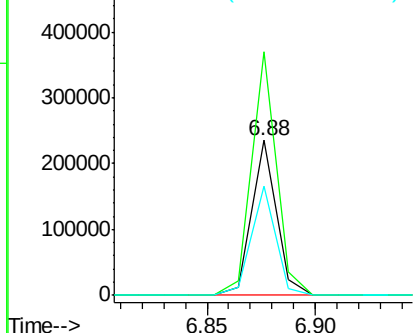
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF082674.D
Acq: 3 Nov 2015 21:44

Instrument :
BNA_F
ClientSampleId :
SB-06(14-16)

Tgt Ion:152 Resp: 186104
Ion Ratio Lower Upper
152 100
150 157.1 127.0 190.4
115 70.2 47.0 70.6



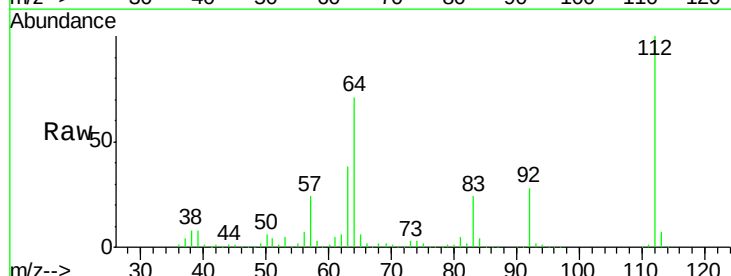
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



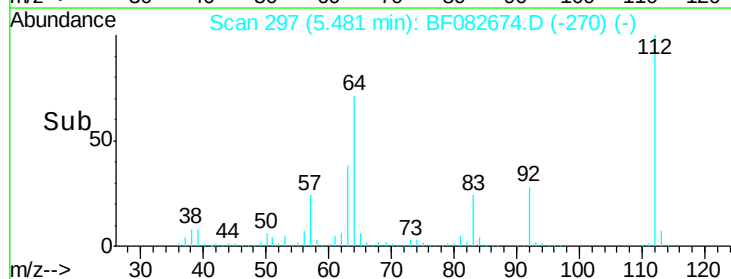
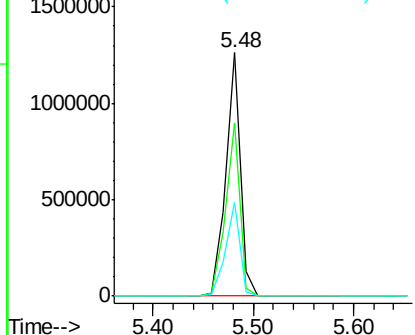
#5

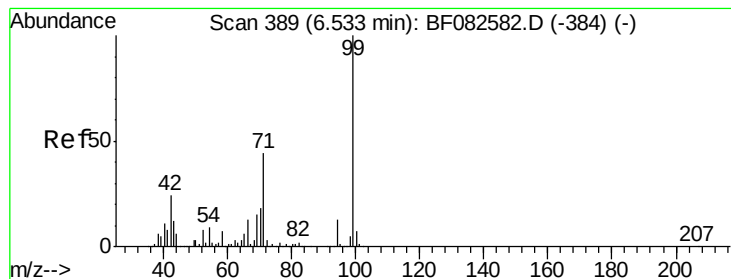
2-Fluorophenol
Concen: 102.40 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.01 min
Lab File: BF082674.D
Acq: 3 Nov 2015 21:44

Tgt Ion:112 Resp: 1265229
Ion Ratio Lower Upper
112 100
64 71.0 48.9 73.3
63 38.4 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: 119.60 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082674.D

Acq: 3 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

SB-06(14-16)

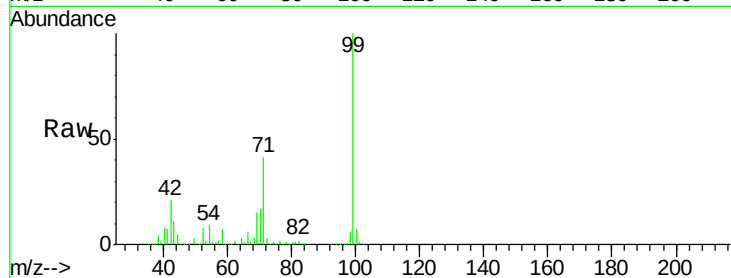
Tgt Ion: 99 Resp: 1963283

Ion Ratio Lower Upper

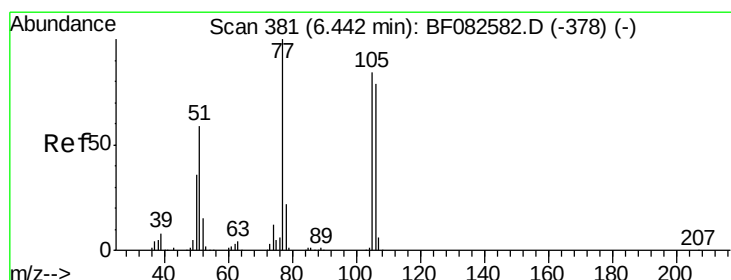
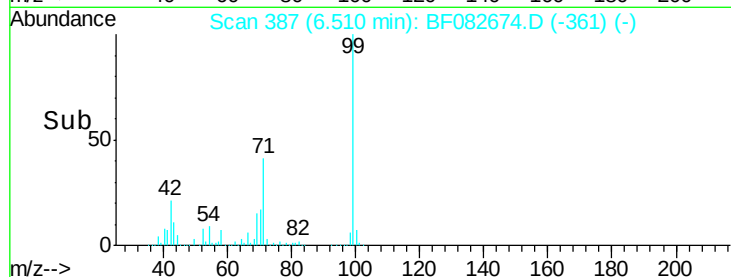
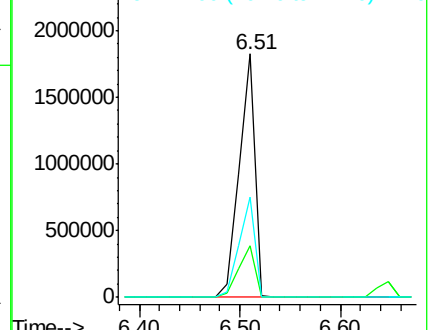
99 100

42 21.1 19.2 28.8

71 41.0 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: 3.95 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.23 min

Lab File: BF082674.D

Acq: 3 Nov 2015 21:44

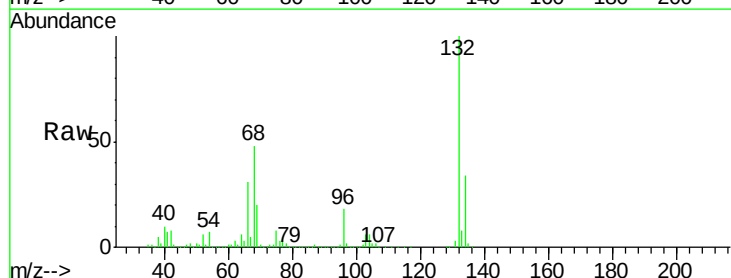
Tgt Ion: 77 Resp: 44238

Ion Ratio Lower Upper

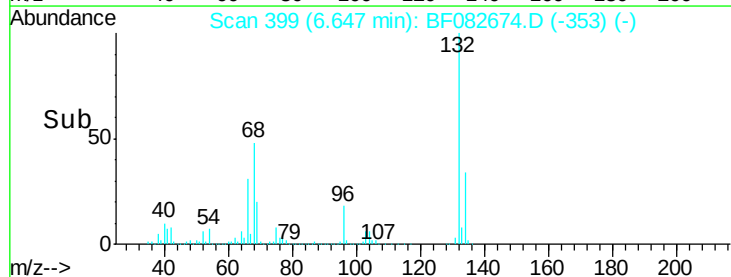
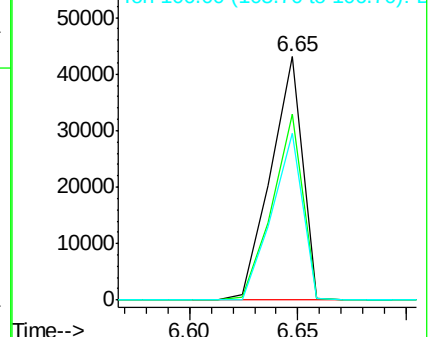
77 100

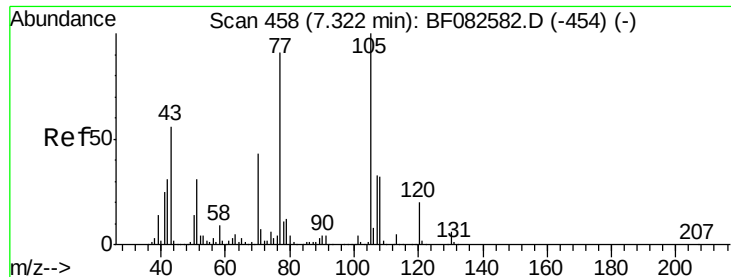
105 76.1 63.5 103.5

106 68.6 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

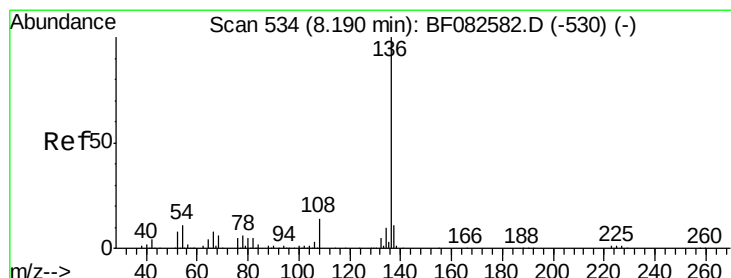
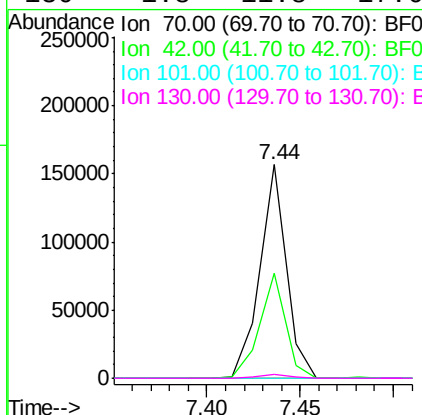
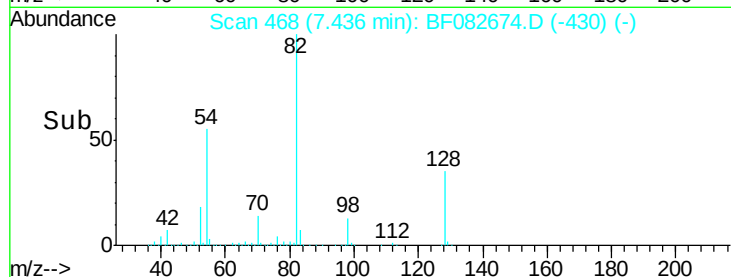
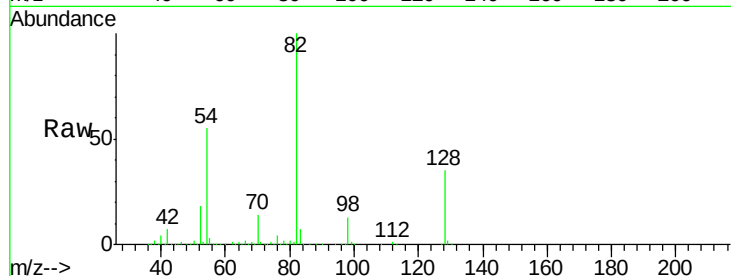




#19
n-Nitroso-di-n-propylamine
Concen: 12.32 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.14 min
Lab File: BF082674.D
Acq: 3 Nov 2015 21:44

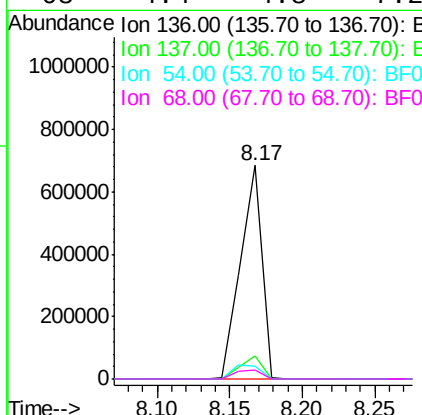
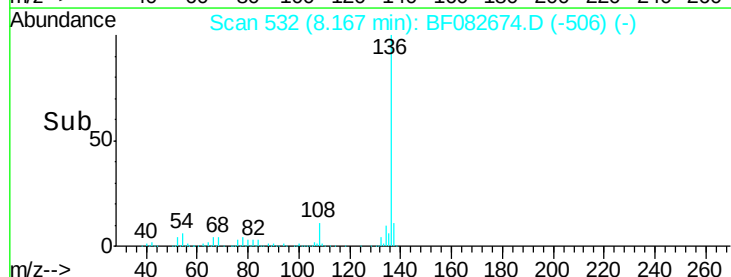
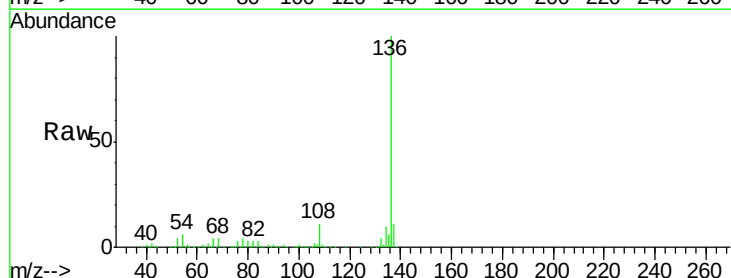
Instrument :
BNA_F
ClientSampleId :
SB-06(14-16)

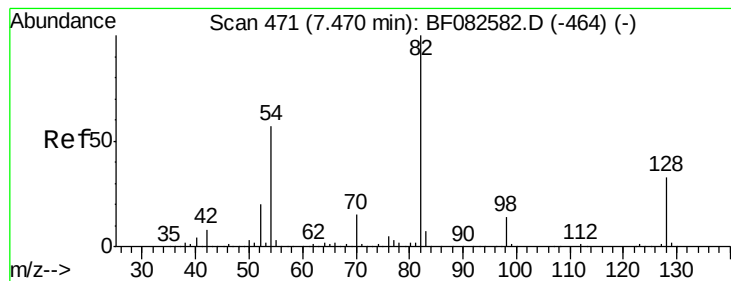
Tgt Ion: 70 Resp: 153258
Ion Ratio Lower Upper
70 100
42 49.1 57.7 86.5#
101 0.0 7.0 10.6#
130 1.8 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF082674.D
Acq: 3 Nov 2015 21:44

Tgt Ion: 136 Resp: 707112
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.1 9.1 13.7#
68 4.4 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 63.19 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF082674.D

Acq: 3 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

SB-06(14-16)

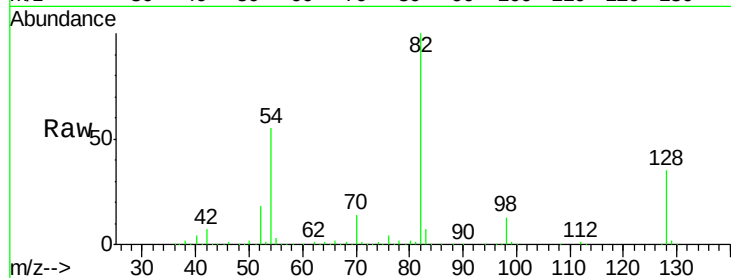
Tgt Ion: 82 Resp: 1094265

Ion Ratio Lower Upper

82 100

128 35.2 26.8 40.2

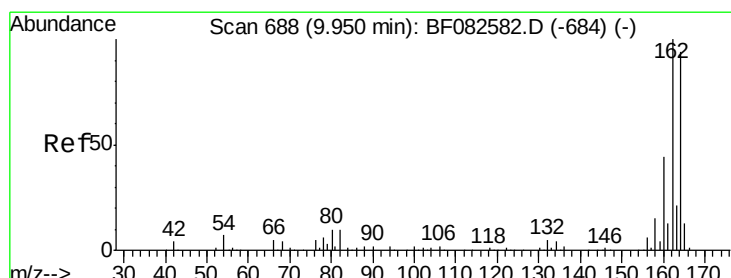
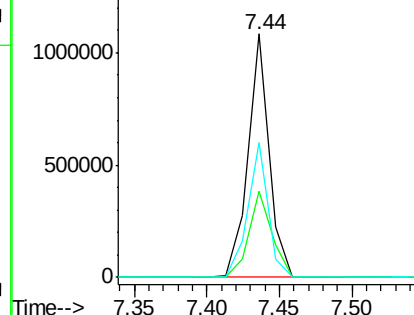
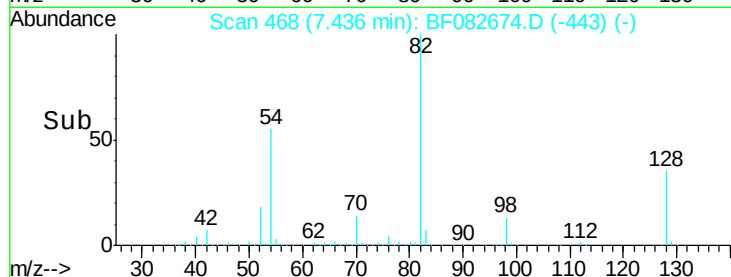
54 55.4 45.7 68.5



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF082674.D

Acq: 3 Nov 2015 21:44

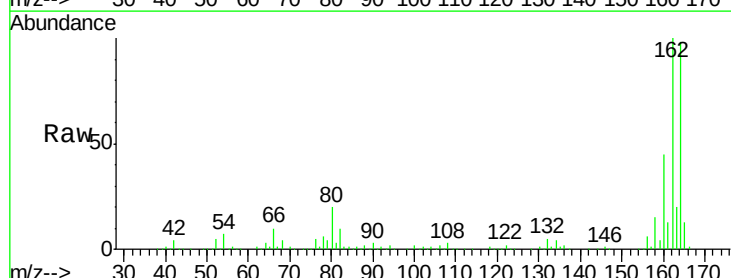
Tgt Ion: 164 Resp: 354682

Ion Ratio Lower Upper

164 100

162 102.3 84.9 127.3

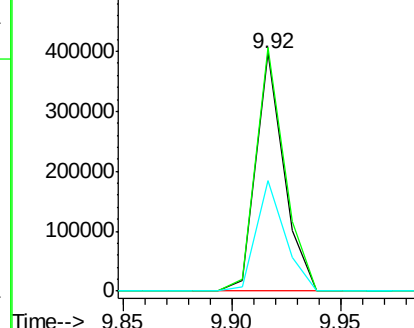
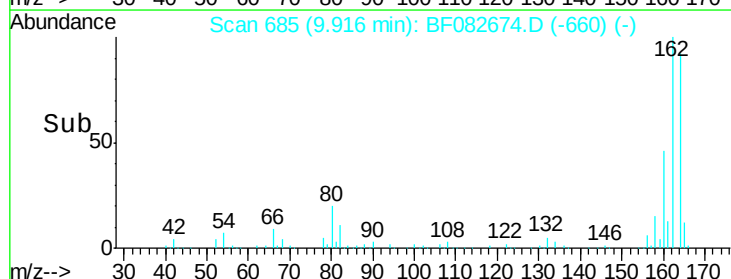
160 46.3 37.5 56.3

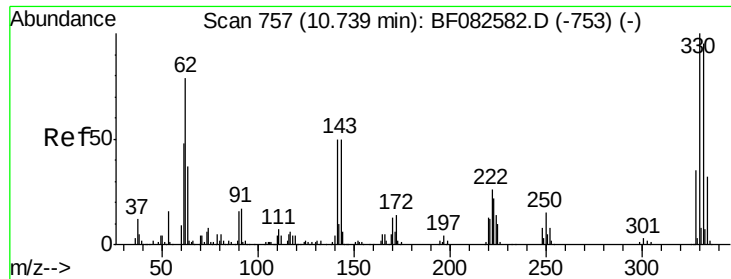


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

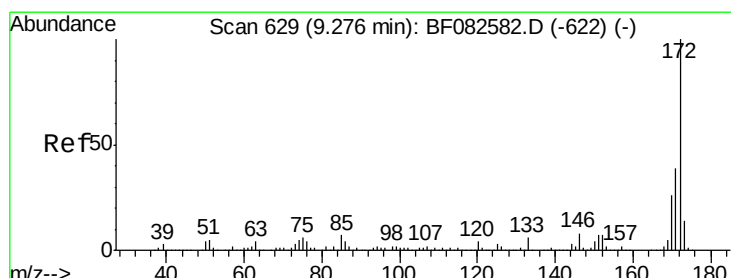
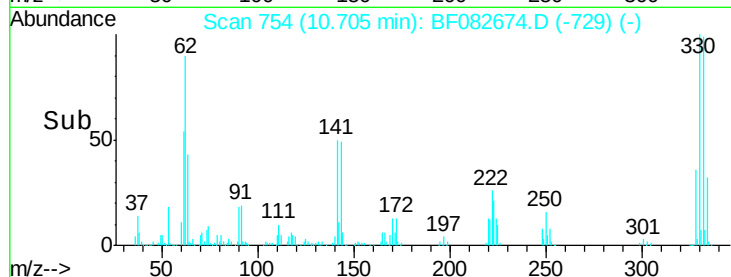
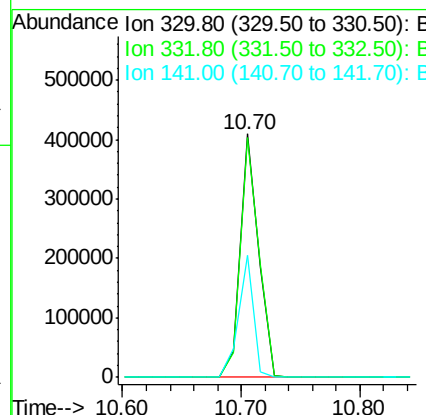
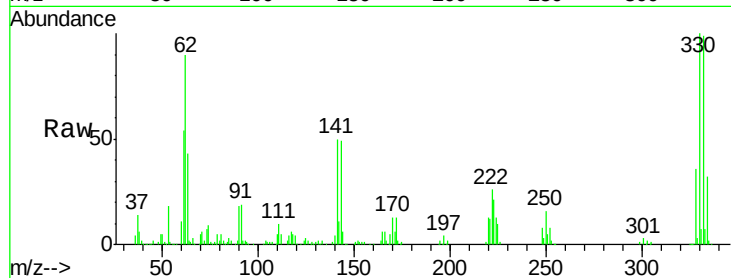




#41
 2,4,6-Tribromophenol
 Concen: 114.10 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF082674.D
 Acq: 3 Nov 2015 21:44

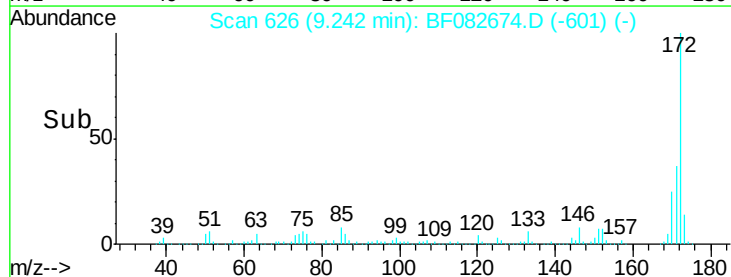
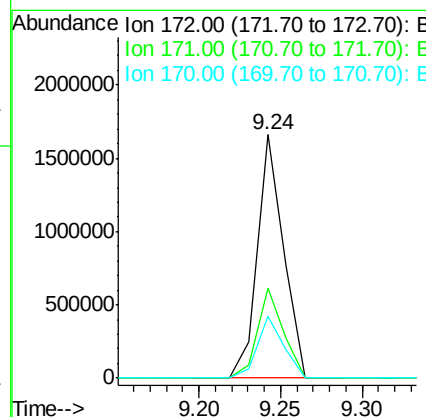
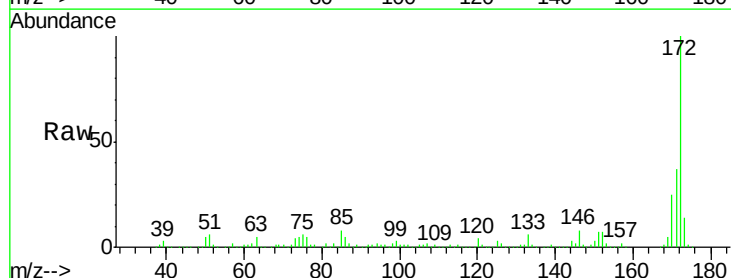
Instrument :
 BNA_F
 ClientSampleId :
 SB-06(14-16)

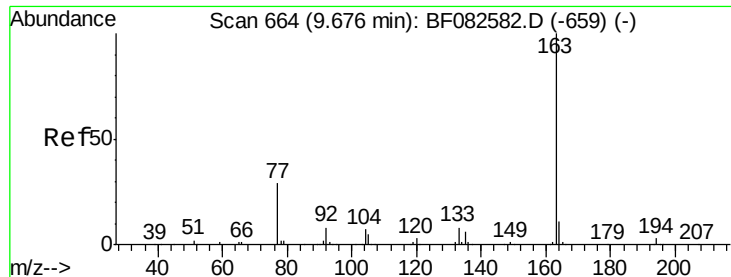
Tgt Ion:330 Resp: 442888
 Ion Ratio Lower Upper
 330 100
 332 99.5 76.6 114.8
 141 41.4 41.2 61.8



#44
 2-Fluorobiphenyl
 Concen: 73.98 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF082674.D
 Acq: 3 Nov 2015 21:44

Tgt Ion:172 Resp: 1848172
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 25.4 21.2 31.8





#49

Dimethylphthalate

Concen: 12.16 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF082674.D

Acq: 3 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

SB-06(14-16)

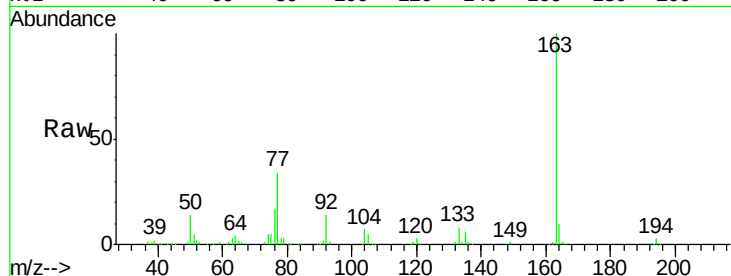
Tgt Ion:163 Resp: 352170

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

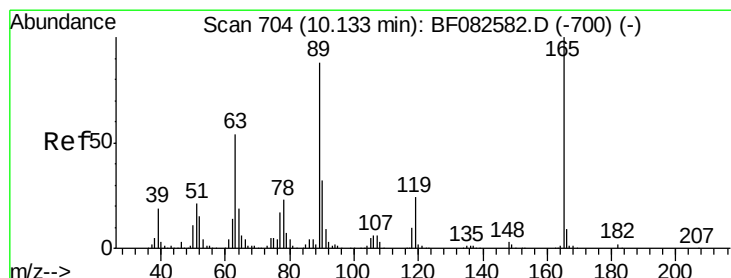
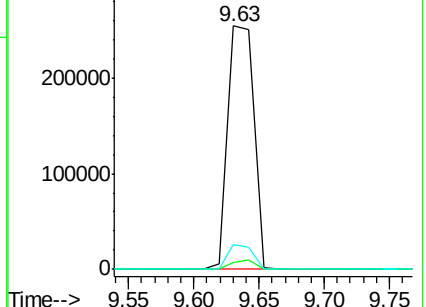
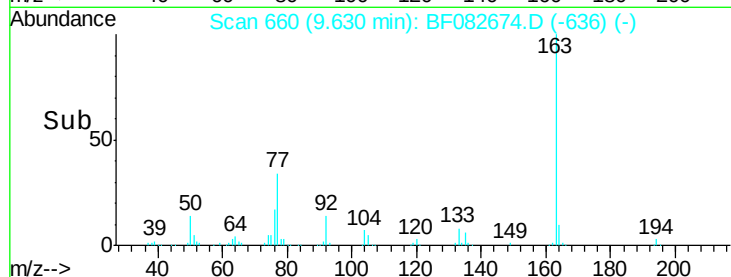
164 10.2 8.7 13.1



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: 5.48 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.19 min

Lab File: BF082674.D

Acq: 3 Nov 2015 21:44

Tgt Ion:165 Resp: 44529

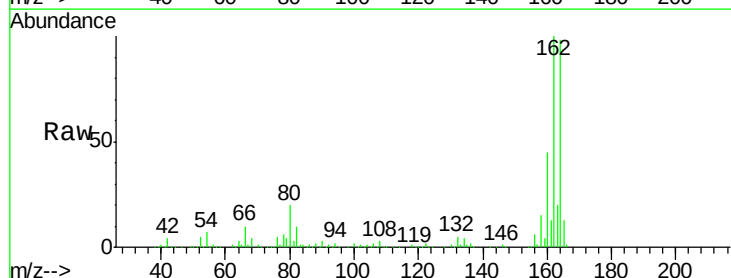
Ion Ratio Lower Upper

165 100

63 1.5 43.4 65.0#

89 1.7 70.6 106.0#

182 0.0 1.5 2.3#

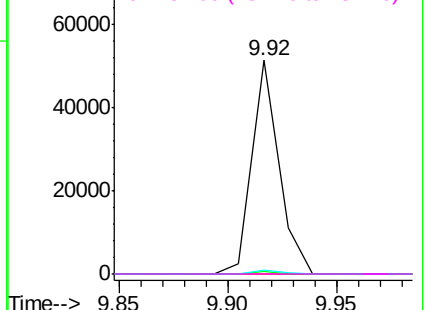
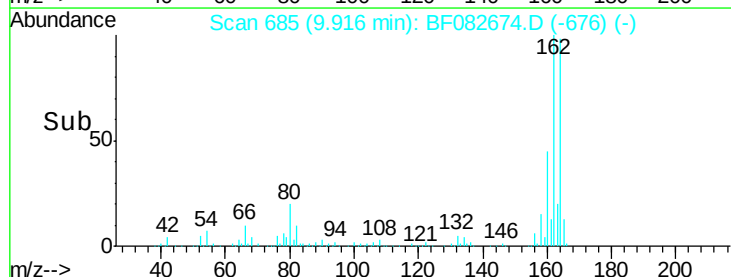


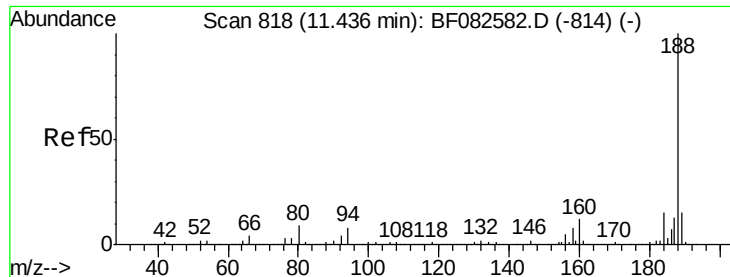
Abundance Ion 165.00 (164.70 to 165.70): E

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

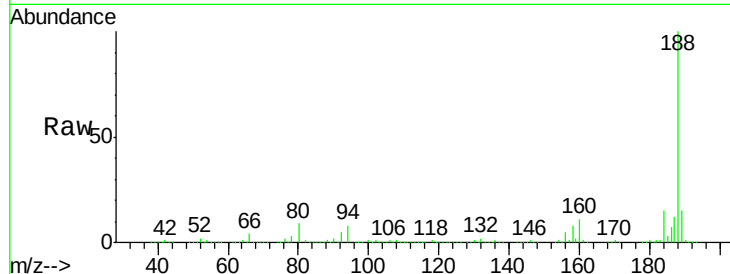




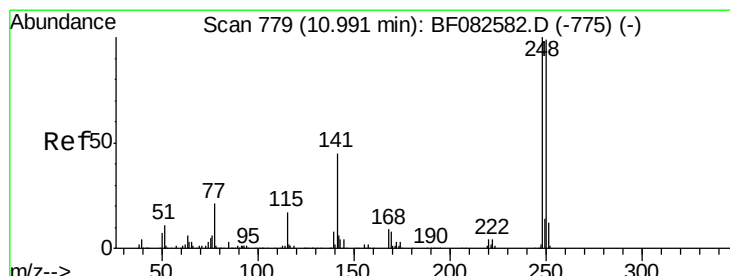
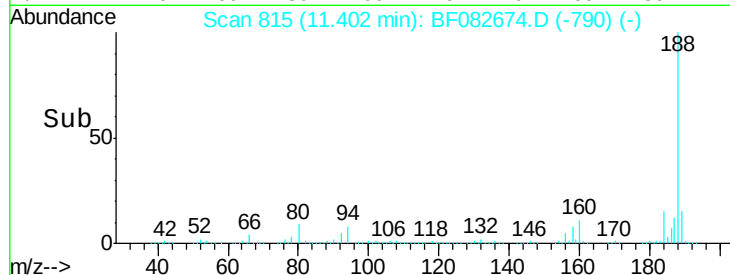
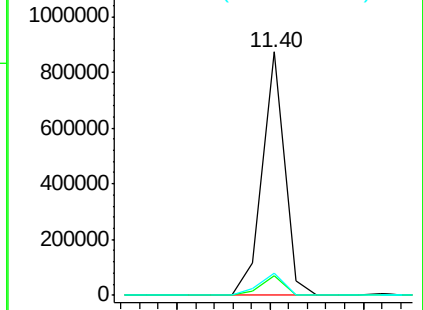
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF082674.D
 Acq: 3 Nov 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(14-16)

Tgt Ion:188 Resp: 718062
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.1 9.1
 80 9.0 7.0 10.6

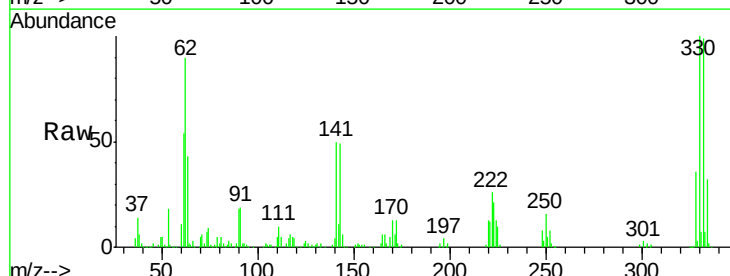


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

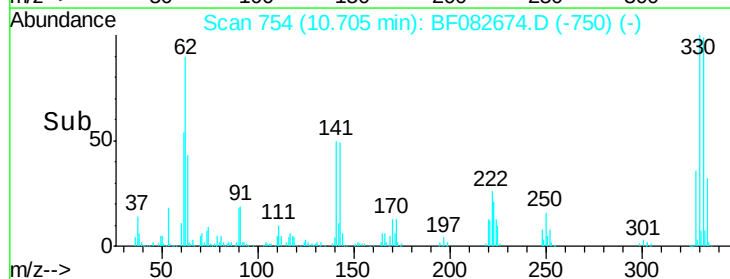
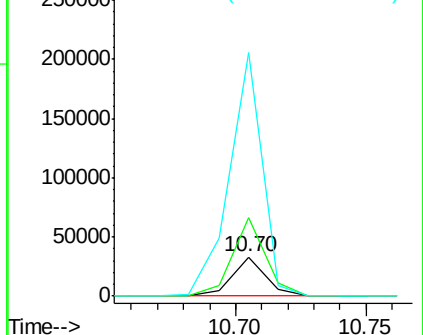


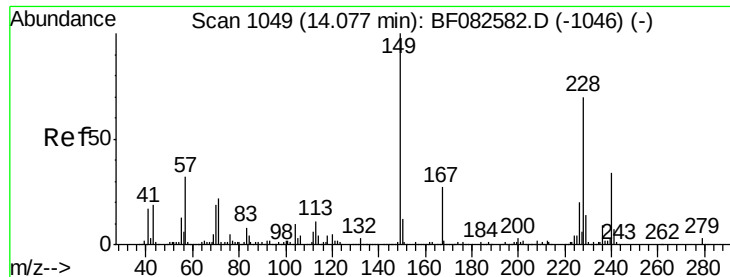
#66
 4-Bromophenyl-phenylether
 Concen: 3.68 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.25 min
 Lab File: BF082674.D
 Acq: 3 Nov 2015 21:44

Tgt Ion:248 Resp: 29983
 Ion Ratio Lower Upper
 248 100
 250 200.2 79.4 119.2#
 141 623.5 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: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF082674.D

Acq: 3 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

SB-06(14-16)

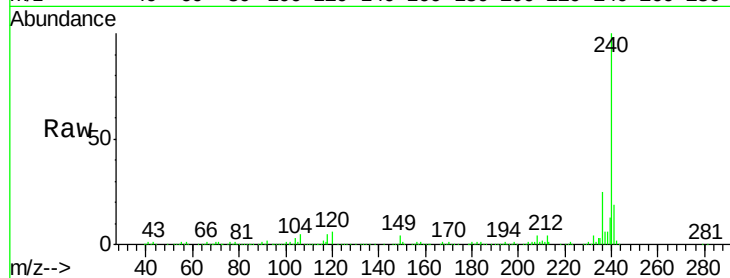
Tgt Ion:240 Resp: 572121

Ion Ratio Lower Upper

240 100

120 5.9 10.9 16.3#

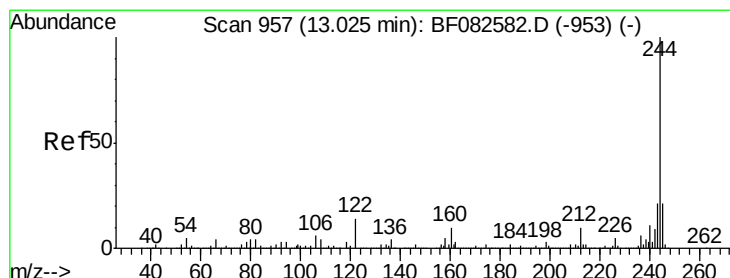
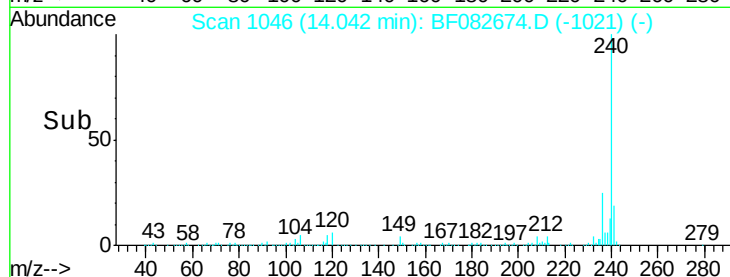
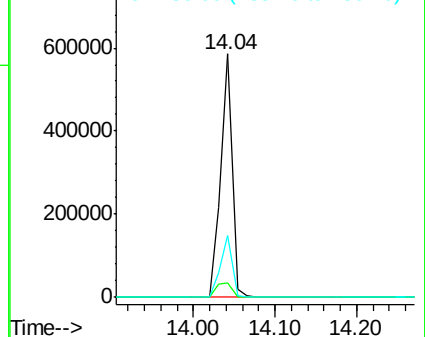
236 25.4 21.6 32.4



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: 76.01 ng

RT: 12.99 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF082674.D

Acq: 3 Nov 2015 21:44

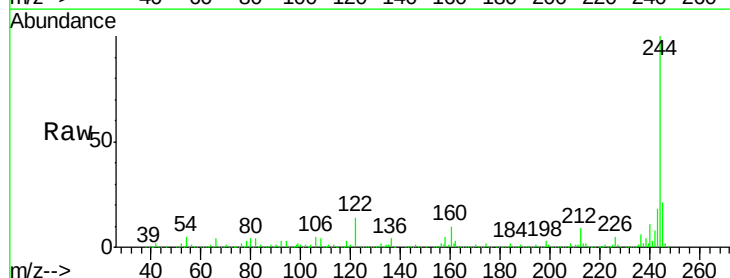
Tgt Ion:244 Resp: 1987099

Ion Ratio Lower Upper

244 100

212 8.8 7.6 11.4

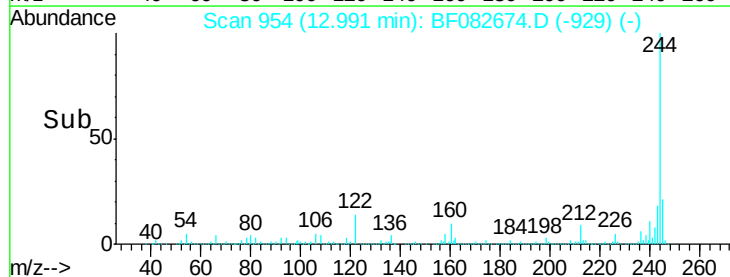
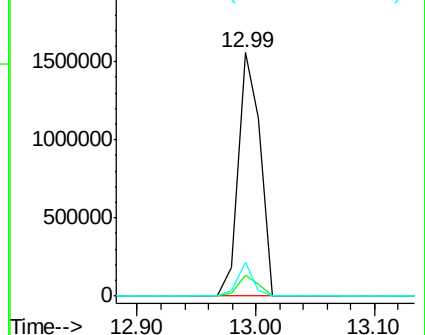
122 14.0 11.3 16.9

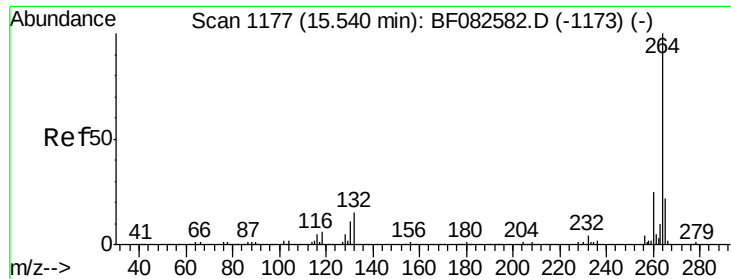


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF082674.D
 Acq: 3 Nov 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(14-16)

Tgt Ion:	264	Resp:	446452
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.6
265	22.1	17.4	26.0

