

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
 Data File : BF082067.D
 Acq On : 6 Oct 2015 2:31
 Operator : UM/IZ
 Sample : G3891-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-10(0-24)

Quant Time: Oct 06 03:08:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 17:58:12 2015
 Response via : Initial Calibration

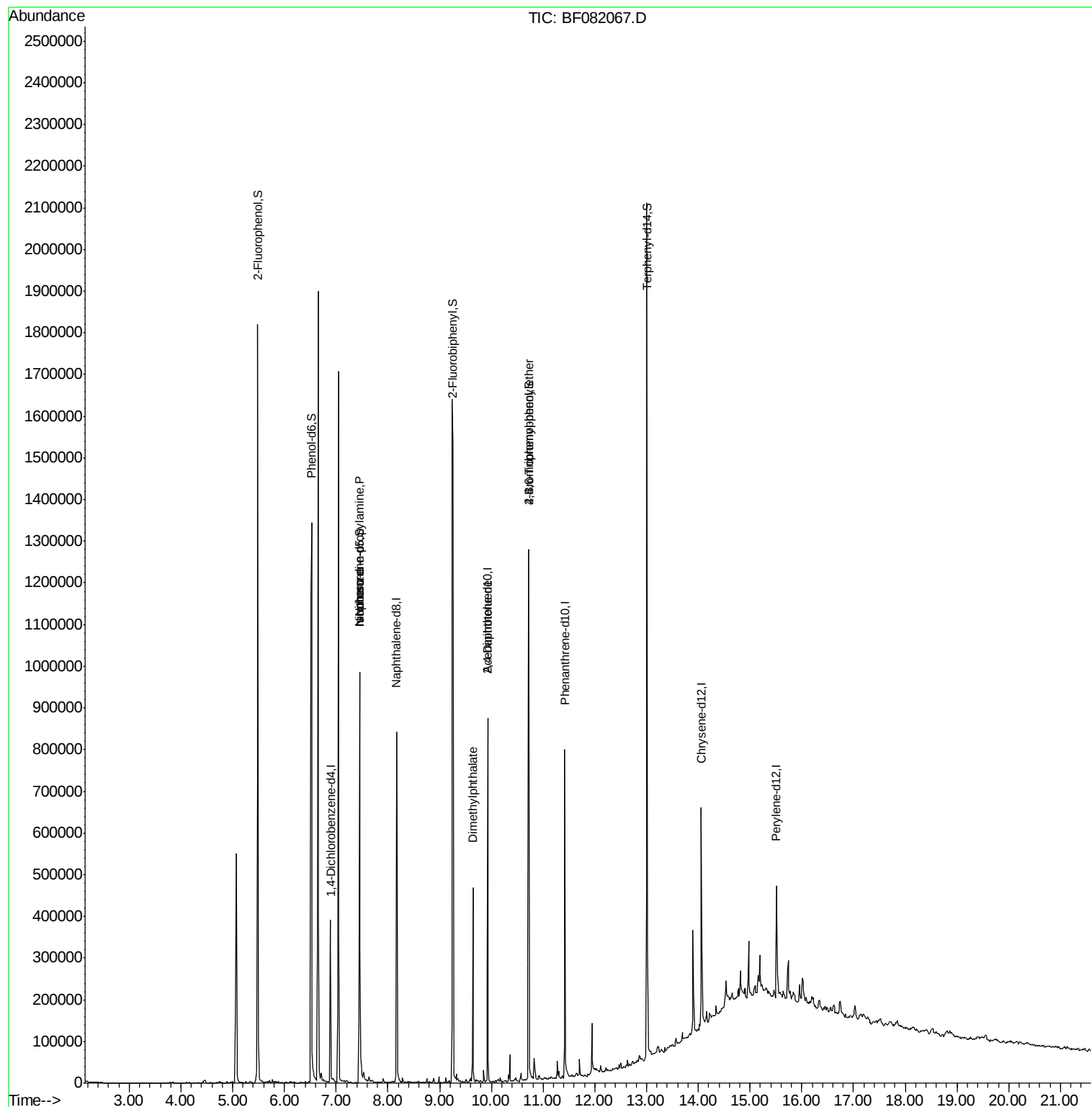
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	93987	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	374370	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	180435	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	306149	20.00	ng	0.00
75) Chrysene-d12	14.06	240	228711	20.00	ng	0.00
86) Perylene-d12	15.51	264	162402	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	529702	102.31	ng	0.01
7) Phenol-d6	6.53	99	754510	115.81	ng	0.01
23) Nitrobenzene-d5	7.45	82	393858	70.13	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	156677	85.74	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	860363	78.64	ng	0.01
78) Terphenyl-d14	13.01	244	674094	100.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	51619	13.04	ng	# 57
25) Isophorone	7.45	82	347924	31.26	ng	# 58
49) Dimethylphthalate	9.65	163	179874	14.44	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	22725	6.59	ng	# 33
57) Fluorene	10.48	166	228	Below Cal	#	71
66) 4-Bromophenyl-phenylether	10.72	248	10553	3.42	ng	# 1
70) Phenanthrene	11.44	178	6851	Below Cal	#	94
73) Di-n-butylphthalate	11.98	149	4007	Below Cal	#	79

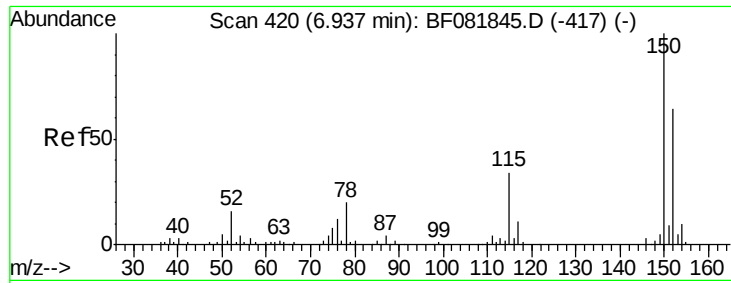
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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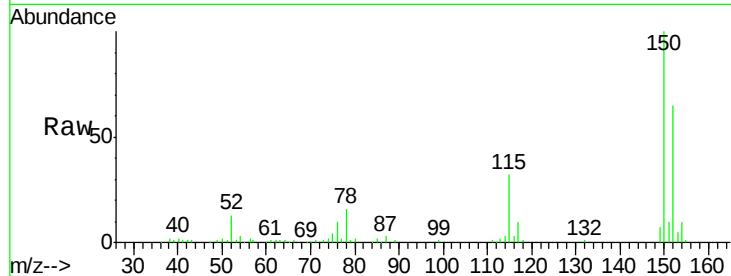


#1

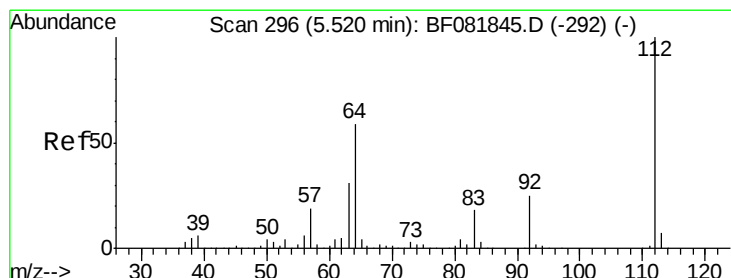
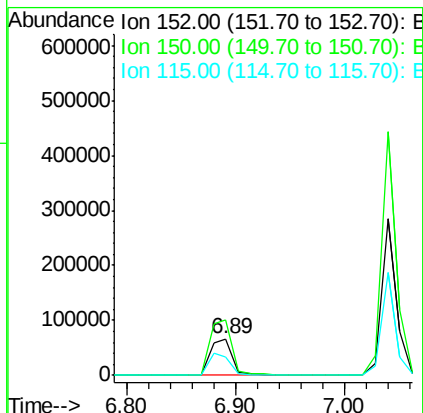
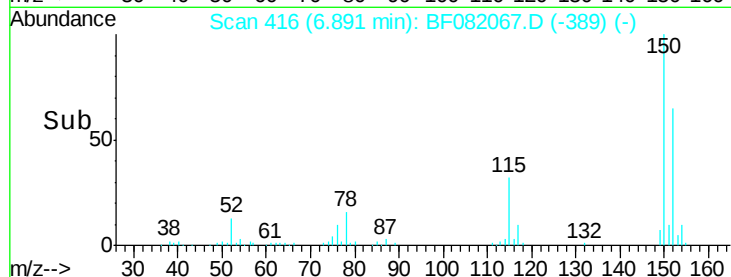
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 416
 Delta R.T. 0.01 min
 Lab File: BF082067.D
 Acq: 6 Oct 2015 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SS-10(0-24)

Tgt Ion:152 Resp: 93987
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.7 187.1
 115 48.8 39.0 58.4



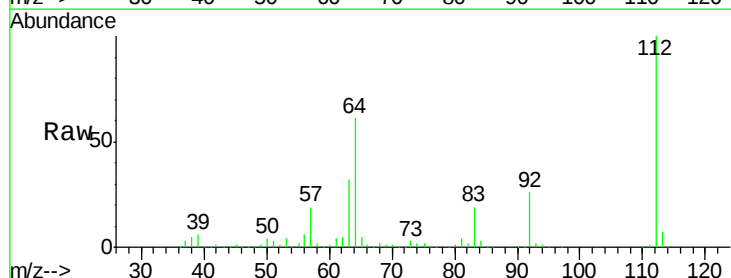
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



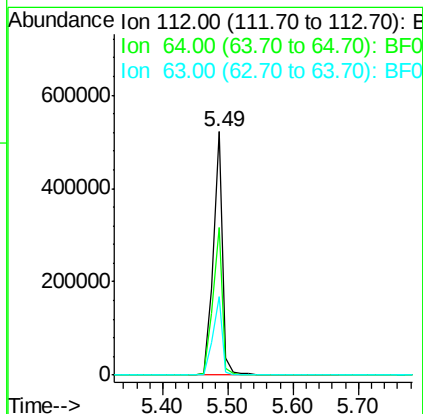
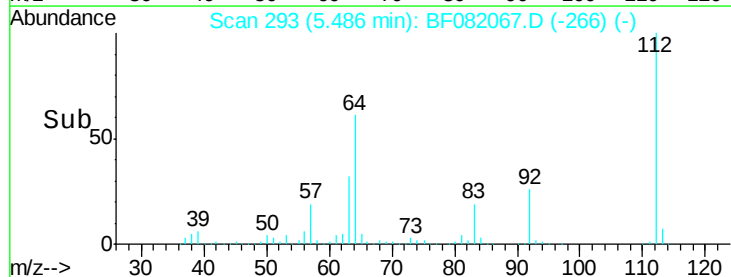
#5

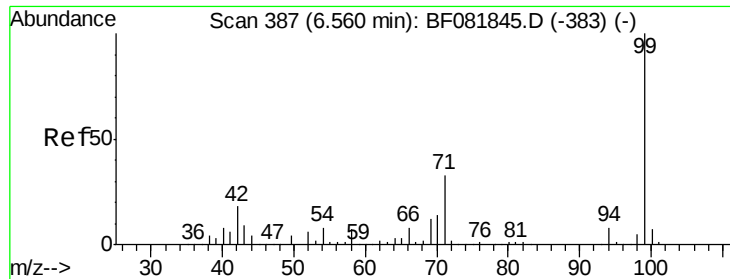
2-Fluorophenol
 Concen: 102.31 ng
 RT: 5.49 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: BF082067.D
 Acq: 6 Oct 2015 2:31

Tgt Ion:112 Resp: 529702
 Ion Ratio Lower Upper
 112 100
 64 60.7 39.7 59.5#
 63 32.0 17.4 26.0#



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: 115.81 ng

RT: 6.53 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF082067.D

Acq: 6 Oct 2015 2:31

Instrument :

BNA_F

ClientSampleId :

SS-10(0-24)

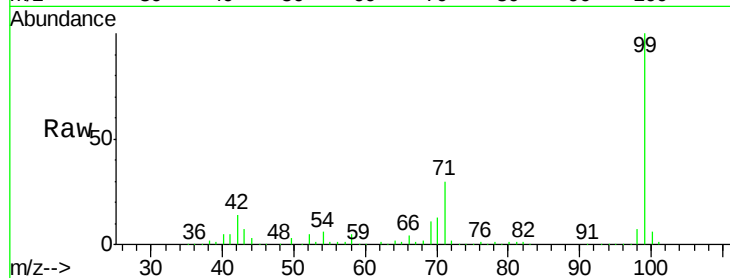
Tgt Ion: 99 Resp: 754510

Ion Ratio Lower Upper

99 100

42 13.6 13.7 20.5#

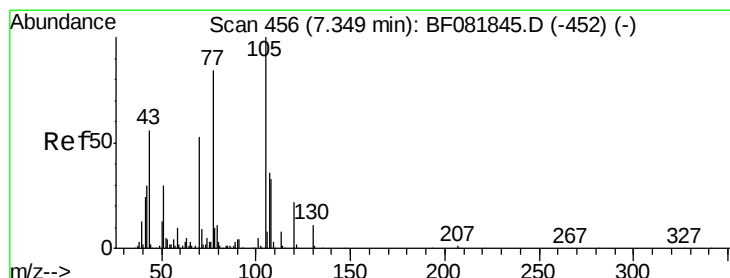
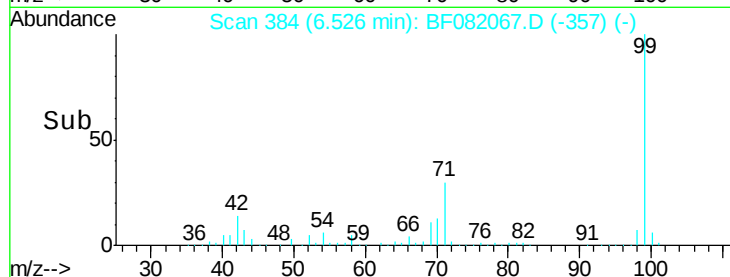
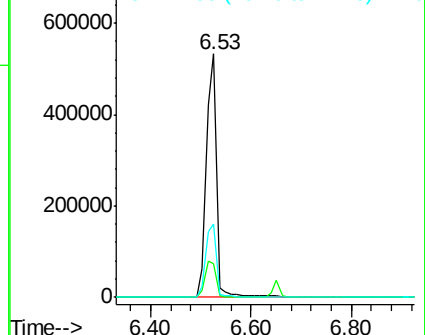
71 29.9 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.04 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.15 min

Lab File: BF082067.D

Acq: 6 Oct 2015 2:31

Tgt Ion: 70 Resp: 51619

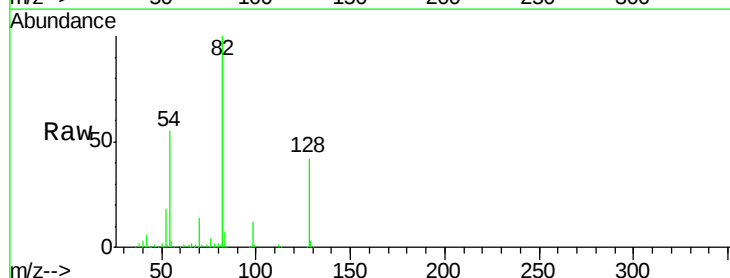
Ion Ratio Lower Upper

70 100

42 45.0 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

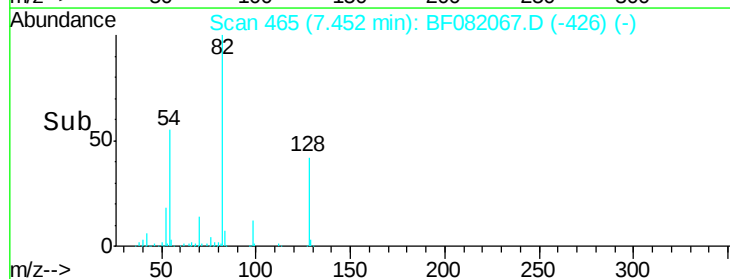
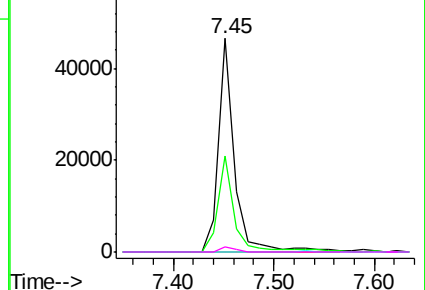


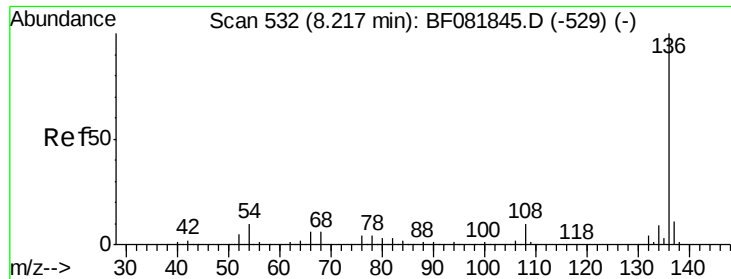
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

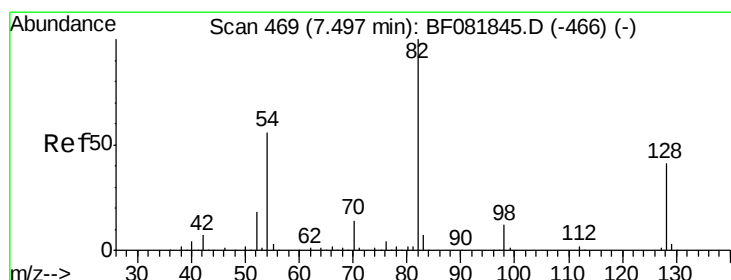
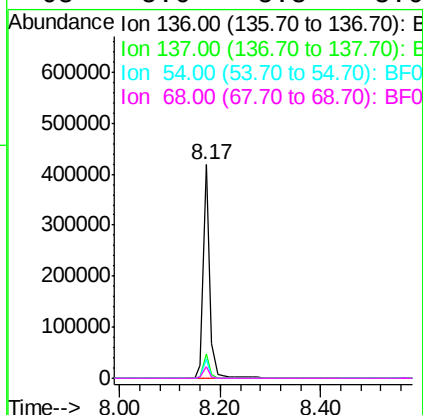
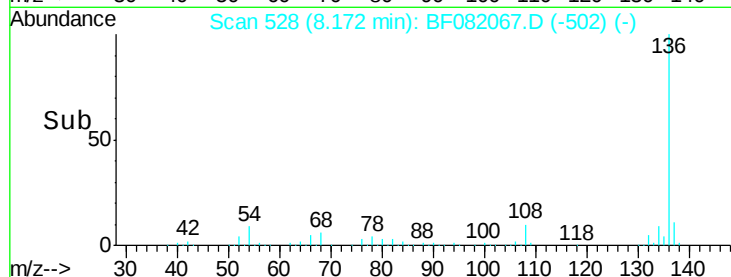
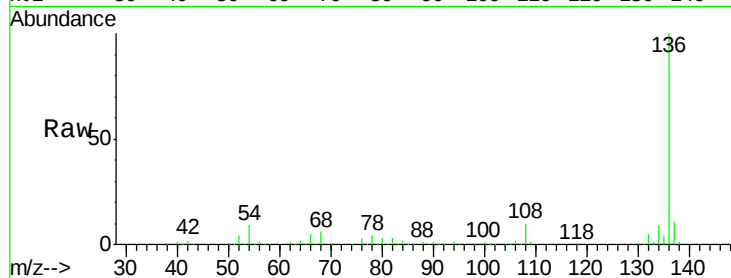




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082067.D
Acq: 6 Oct 2015 2:31

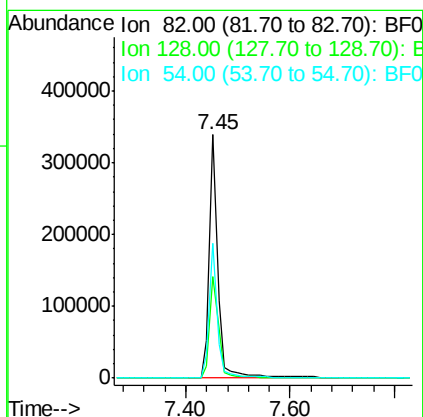
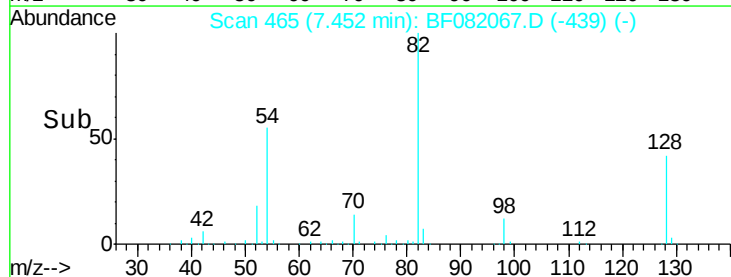
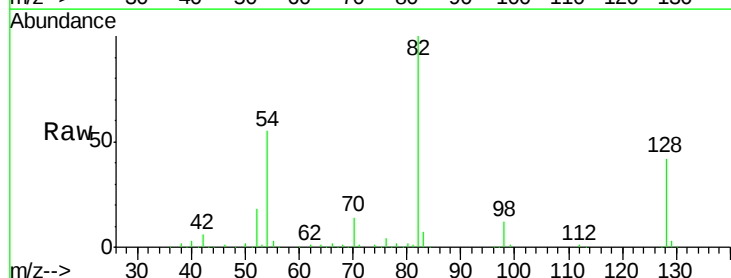
Instrument :
BNA_F
ClientSampleId :
SS-10(0-24)

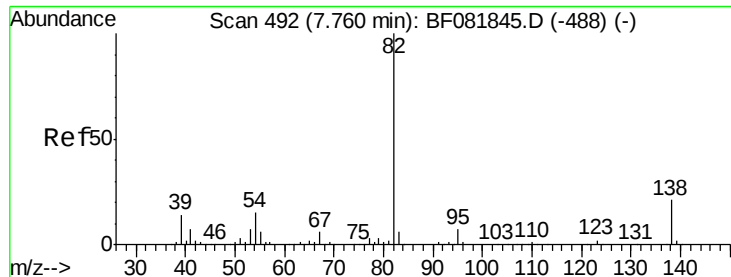
Tgt Ion:	136	Resp:	374370
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	8.8	8.2	12.2
68	5.6	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 70.13 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF082067.D
Acq: 6 Oct 2015 2:31

Tgt Ion:	82	Resp:	393858
Ion	Ratio	Lower	Upper
82	100		
128	41.8	51.0	76.6#
54	55.2	47.5	71.3





#25

Isophorone

Concen: 31.26 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.26 min

Lab File: BF082067.D

Acq: 6 Oct 2015 2:31

Instrument :

BNA_F

ClientSampleId :

SS-10(0-24)

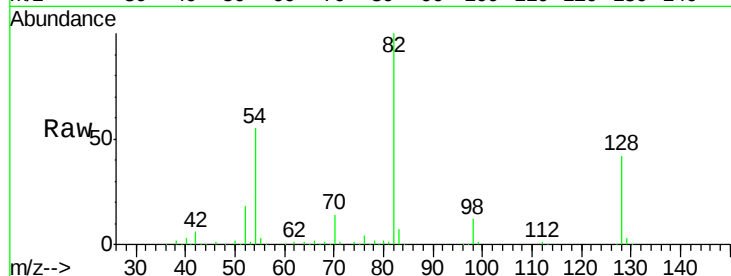
Tgt Ion: 82 Resp: 347924

Ion Ratio Lower Upper

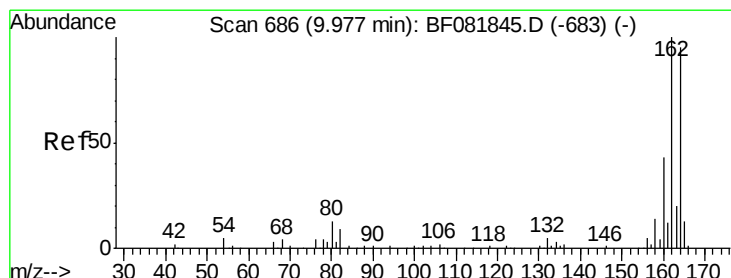
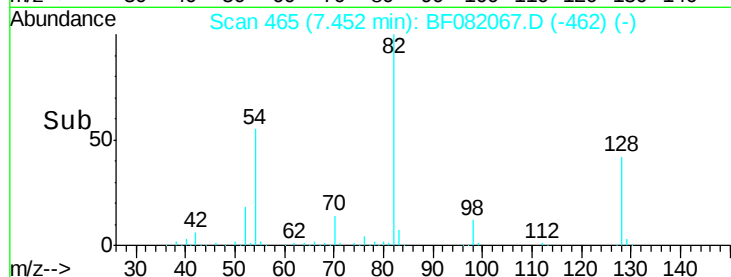
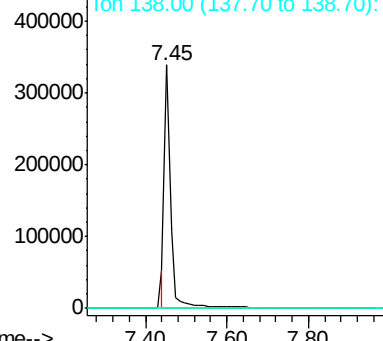
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF082067.D

Acq: 6 Oct 2015 2:31

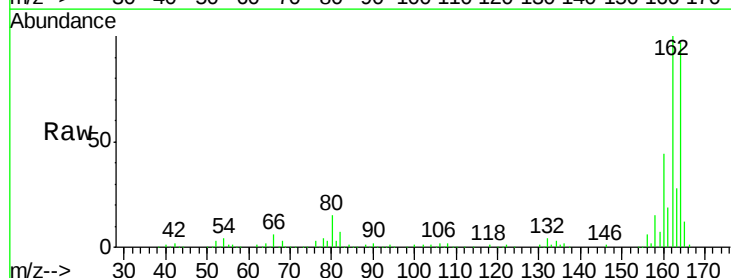
Tgt Ion:164 Resp: 180435

Ion Ratio Lower Upper

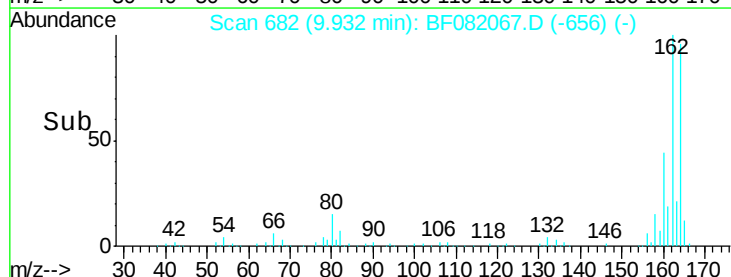
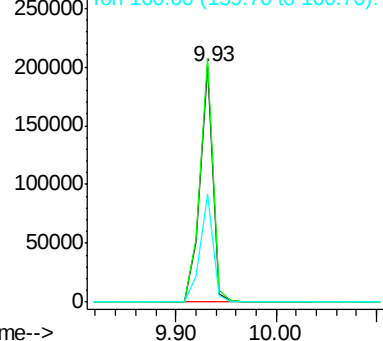
164 100

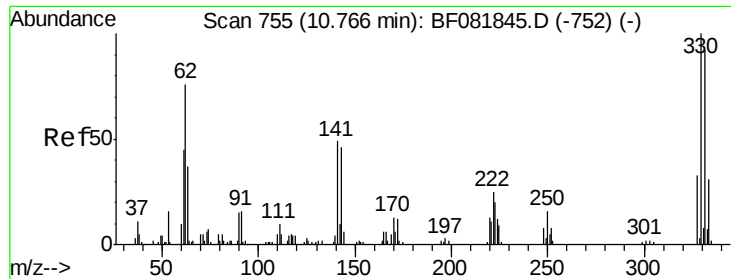
162 103.3 75.2 112.8

160 45.9 31.5 47.3



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

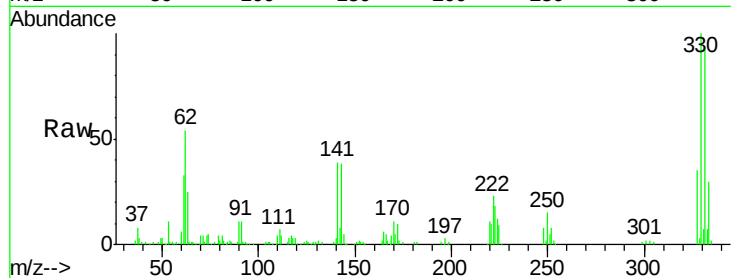




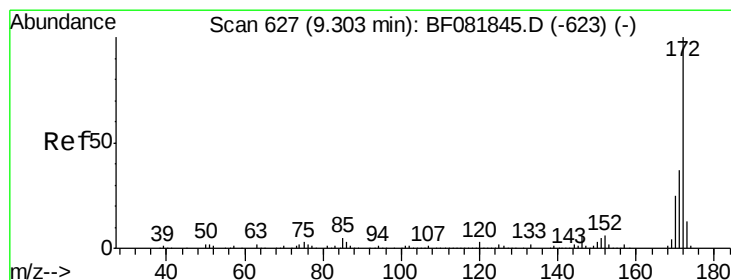
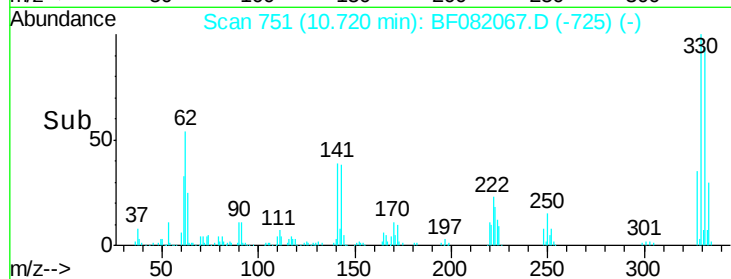
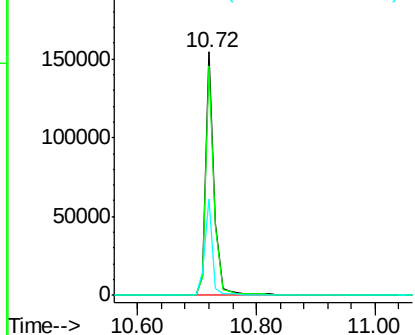
#41
 2,4,6-Tribromophenol
 Concen: 85.74 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082067.D
 Acq: 6 Oct 2015 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SS-10(0-24)

Tgt Ion:330 Resp: 156677
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 37.4 29.7 44.5

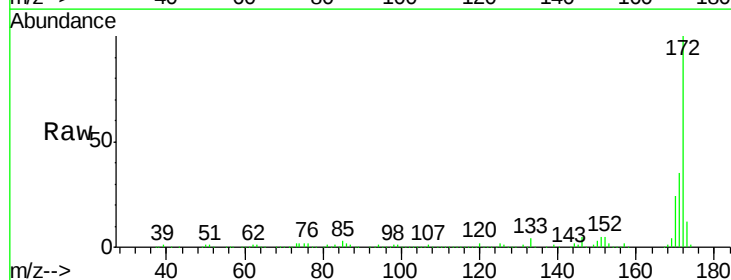


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

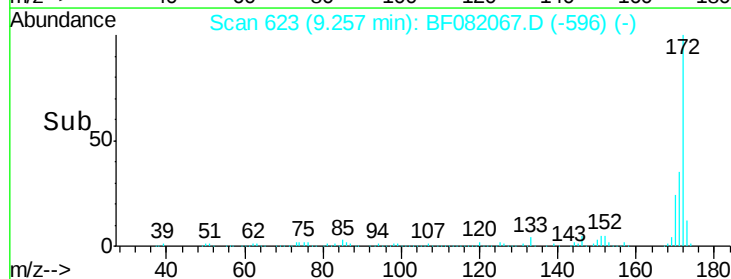
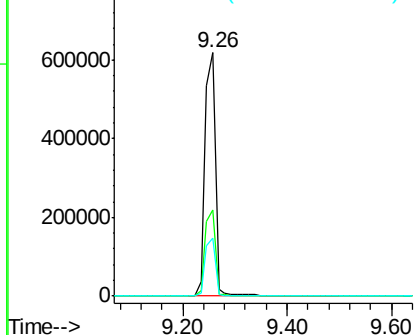


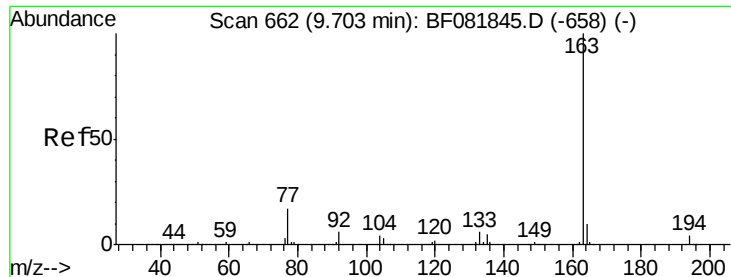
#44
 2-Fluorobiphenyl
 Concen: 78.64 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF082067.D
 Acq: 6 Oct 2015 2:31

Tgt Ion:172 Resp: 860363
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 23.9 17.4 26.2



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

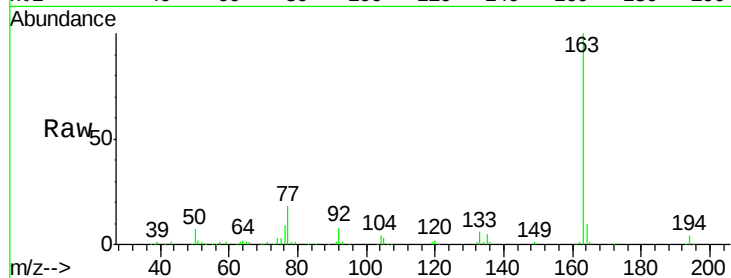




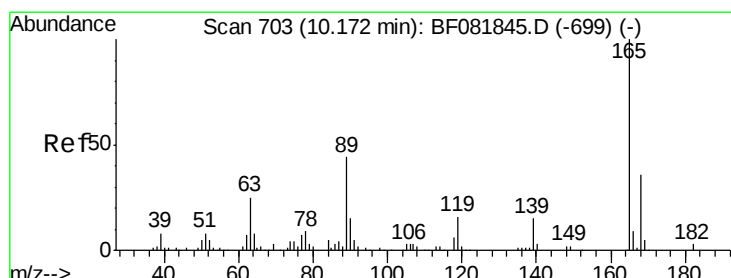
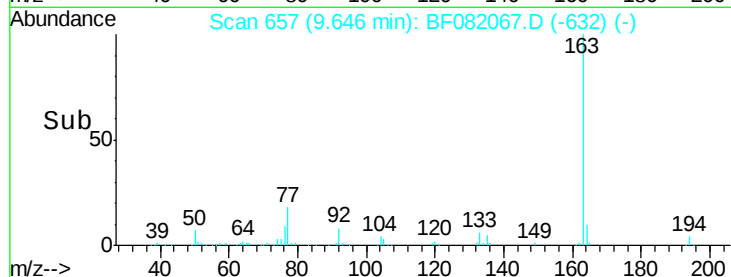
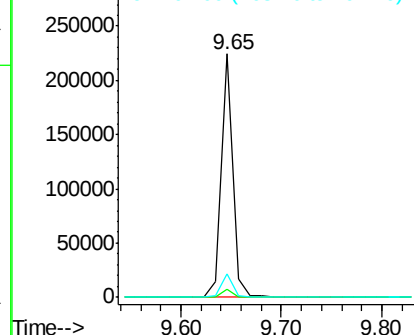
#49
Dimethylphthalate
Concen: 14.44 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082067.D
Acq: 6 Oct 2015 2:31

Instrument :
BNA_F
ClientSampleId :
SS-10(0-24)

Tgt Ion:163 Resp: 179874
Ion Ratio Lower Upper
163 100
194 3.5 4.4 6.6#
164 9.7 8.3 12.5

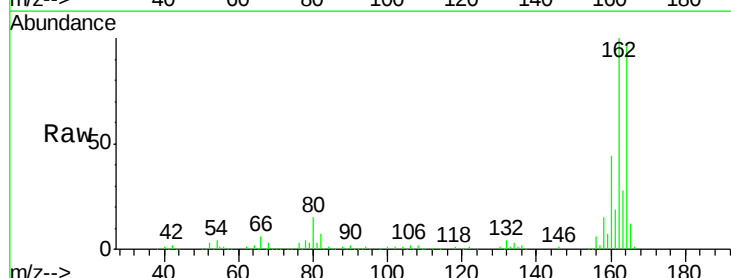


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

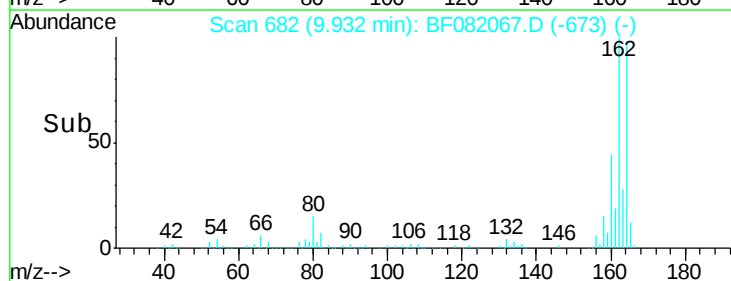
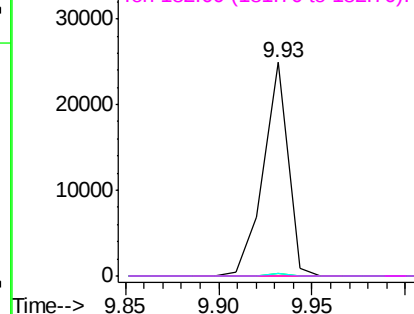


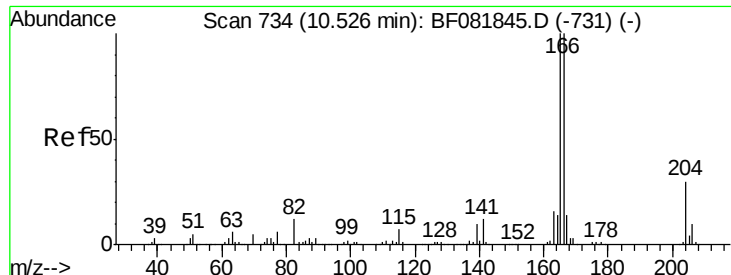
#56
2,4-Dinitrotoluene
Concen: 6.59 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF082067.D
Acq: 6 Oct 2015 2:31

Tgt Ion:165 Resp: 22725
Ion Ratio Lower Upper
165 100
63 1.3 29.8 44.6#
89 1.2 44.5 66.7#
182 0.0 3.0 4.4#



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

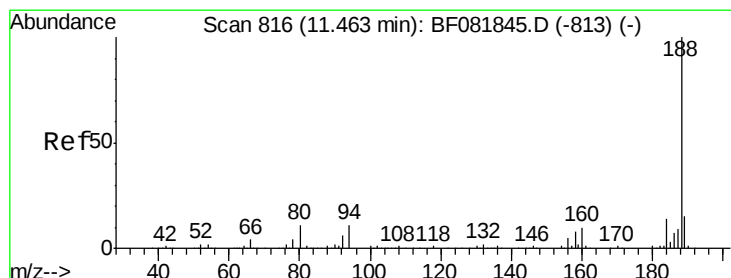
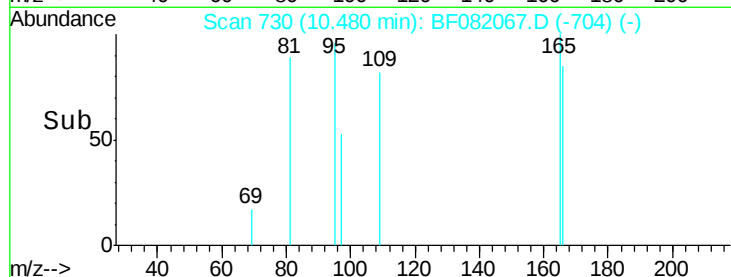
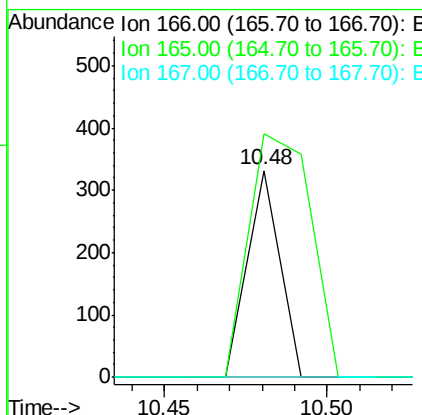
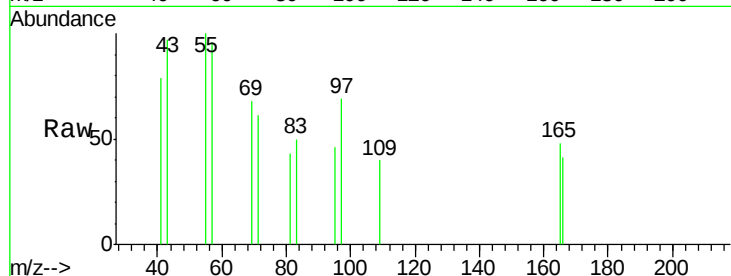




#57
 Fluorene
 Concen: Below Cal
 RT: 10.48 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF082067.D
 Acq: 6 Oct 2015 2:31

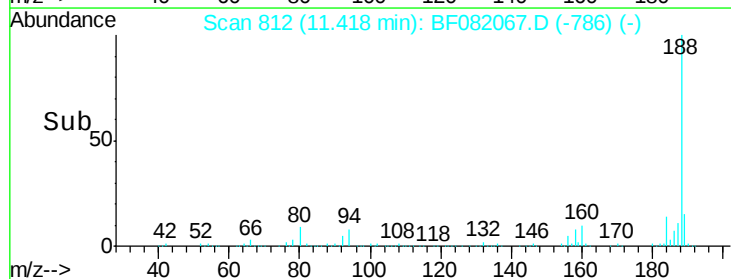
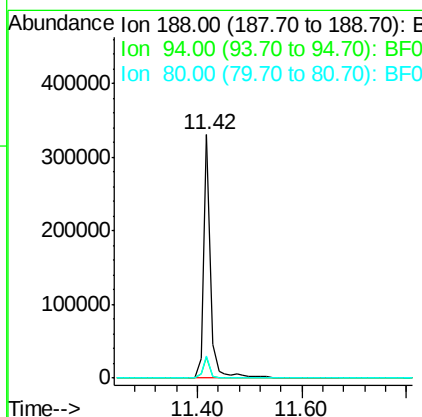
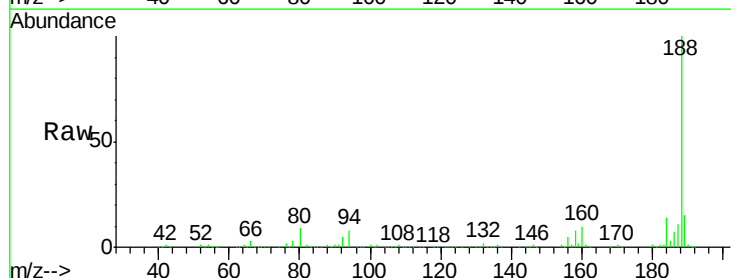
Instrument :
 BNA_F
 ClientSampleId :
 SS-10(0-24)

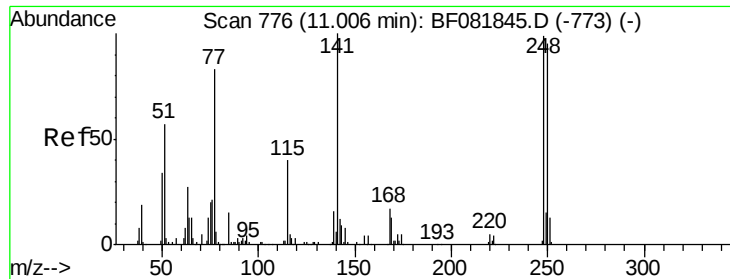
Tgt Ion:166 Resp: 228
 Ion Ratio Lower Upper
 166 100
 165 117.8 72.6 109.0#
 167 0.0 10.6 16.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF082067.D
 Acq: 6 Oct 2015 2:31

Tgt Ion:188 Resp: 306149
 Ion Ratio Lower Upper
 188 100
 94 8.4 11.1 16.7#
 80 8.9 11.0 16.4#

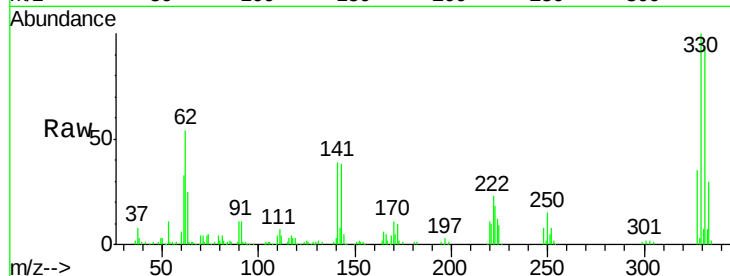




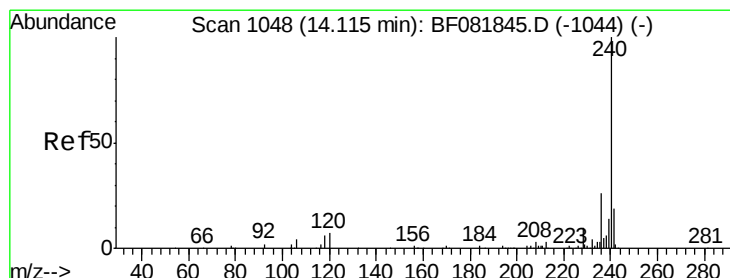
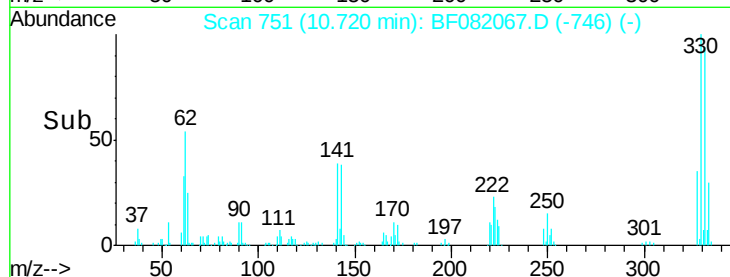
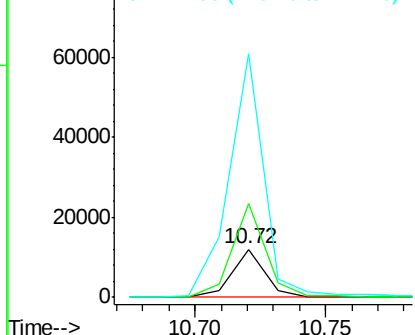
#66
 4-Bromophenyl-phenylether
 Concen: 3.42 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.24 min
 Lab File: BF082067.D
 Acq: 6 Oct 2015 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SS-10(0-24)

Tgt Ion:248 Resp: 10553
 Ion Ratio Lower Upper
 248 100
 250 195.7 78.5 117.7#
 141 504.5 59.0 88.6#

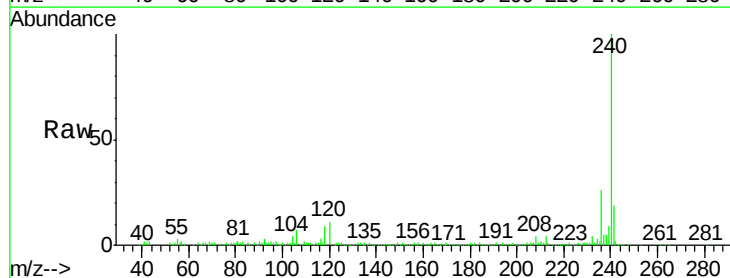


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

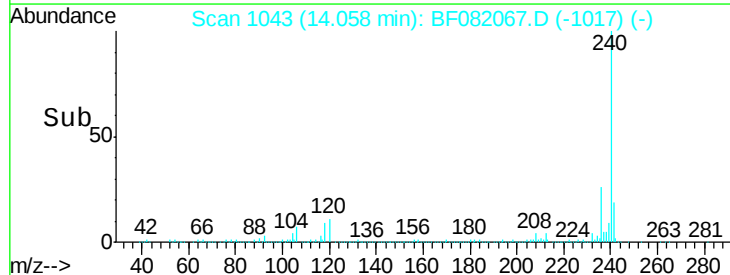
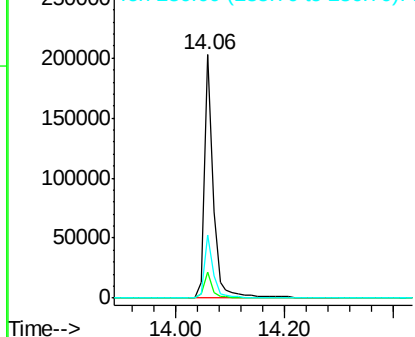


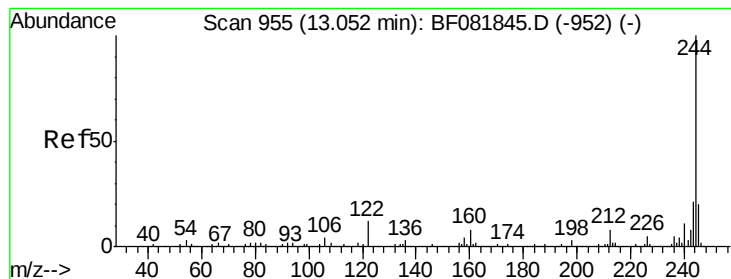
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF082067.D
 Acq: 6 Oct 2015 2:31

Tgt Ion:240 Resp: 228711
 Ion Ratio Lower Upper
 240 100
 120 10.8 16.2 24.2#
 236 25.8 18.4 27.6



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: 100.01 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF082067.D

Acq: 6 Oct 2015 2:31

Instrument :

BNA_F

ClientSampleId :

SS-10(0-24)

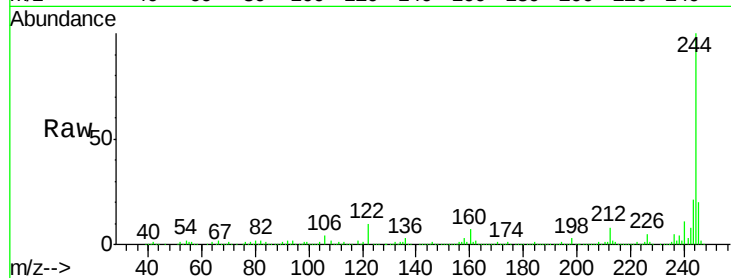
Tgt Ion:244 Resp: 674094

Ion Ratio Lower Upper

244 100

212 7.5 4.3 6.5#

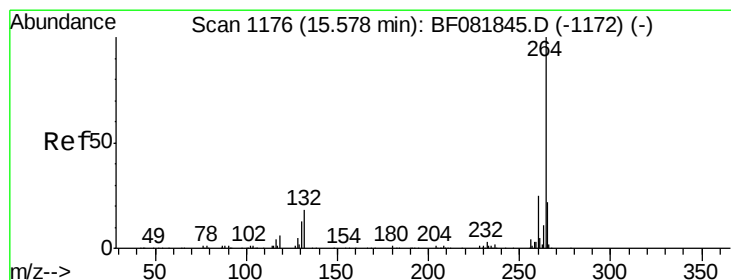
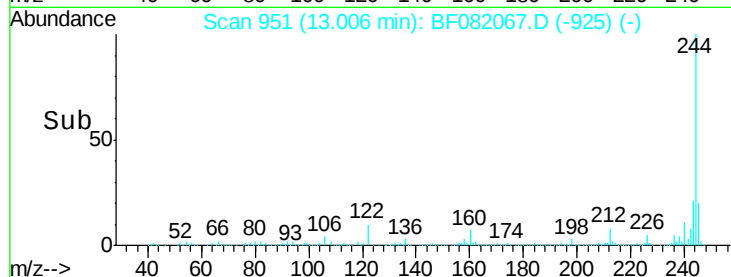
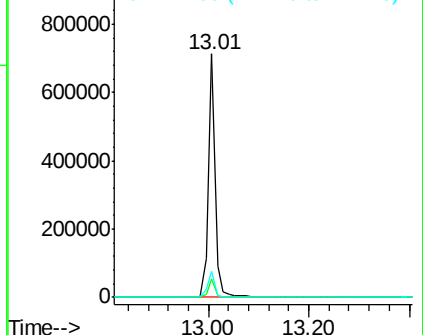
122 10.5 17.4 26.2#



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: 15.51 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF082067.D

Acq: 6 Oct 2015 2:31

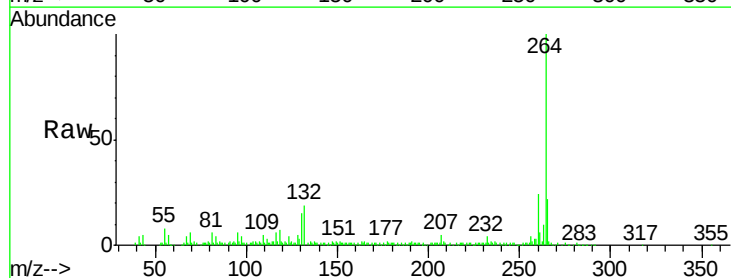
Tgt Ion:264 Resp: 162402

Ion Ratio Lower Upper

264 100

260 23.8 16.7 25.1

265 22.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

