

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082303.D
 Acq On : 15 Oct 2015 12:18
 Operator : UM/IZ
 Sample : G4015-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF-8

Quant Time: Oct 16 01:08:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 01:04:42 2015
 Response via : Initial Calibration

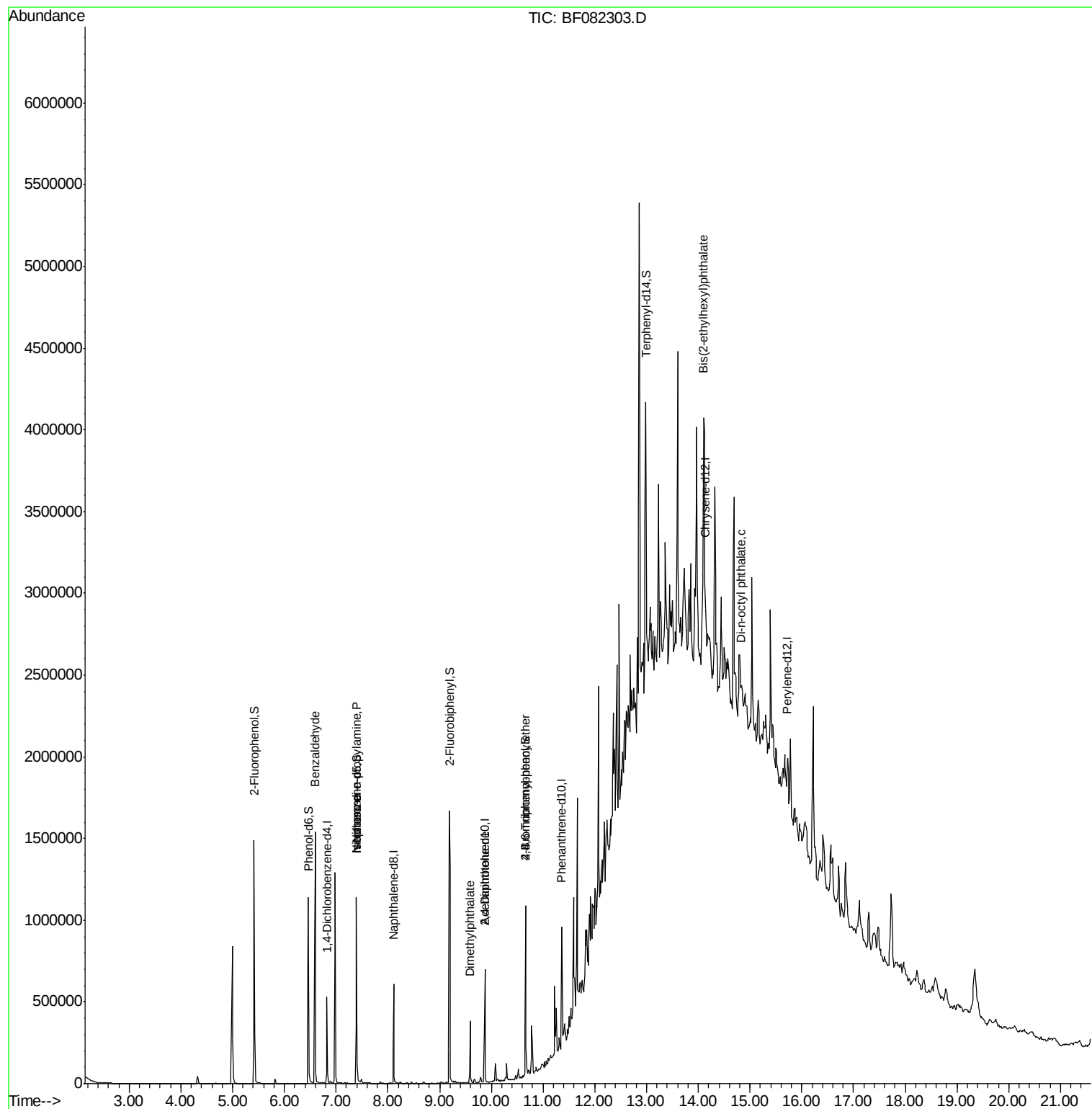
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	83195	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	313319	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	154217	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	279156	20.00	ng	0.00
75) Chrysene-d12	14.13	240	150727	20.00	ng	0.03
86) Perylene-d12	15.73	264	161040	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	416427	101.02	ng	0.00
7) Phenol-d6	6.47	99	642450	119.76	ng	0.00
23) Nitrobenzene-d5	7.39	82	417923	89.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	129360	89.44	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	820416	88.22	ng	-0.01
78) Terphenyl-d14	12.98	244	594660	104.55	ng	0.01
Target Compounds						
9) Benzaldehyde	6.59	77	11104	4.05	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.39	70	56638	15.03	ng	# 78
25) Isophorone	7.39	82	321197	34.11	ng	# 66
49) Dimethylphthalate	9.59	163	150250	13.84	ng	99
56) 2,4-Dinitrotoluene	9.87	165	19535	6.82	ng	# 24
66) 4-Bromophenyl-phenylether	10.66	248	9164	3.28	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.10	149	774645	133.01	ng	99
84) Di-n-octyl phthalate	14.82	149	30025	3.00	ng	# 77

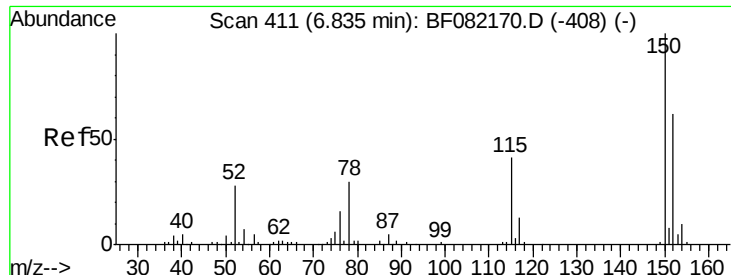
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082303.D
Acq On : 15 Oct 2015 12:18
Operator : UM/IZ
Sample : G4015-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LF-8

Quant Time: Oct 16 01:08:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 01:04:42 2015
Response via : Initial Calibration



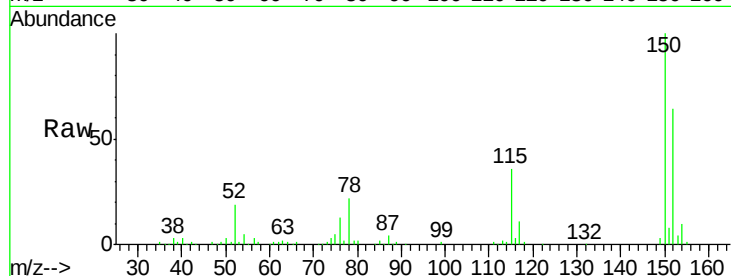


#1

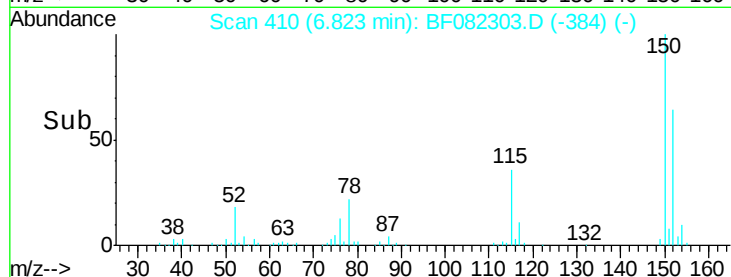
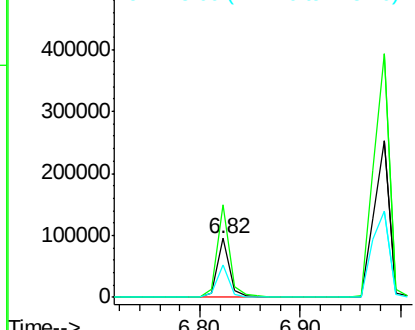
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082303.D
Acq: 15 Oct 2015 12:18

Instrument :
BNA_F
ClientSampleId :
LF-8

Tot Ion:152 Resp: 83195
Ion Ratio Lower Upper
152 100
150 157.1 129.0 193.4
115 55.9 52.1 78.1



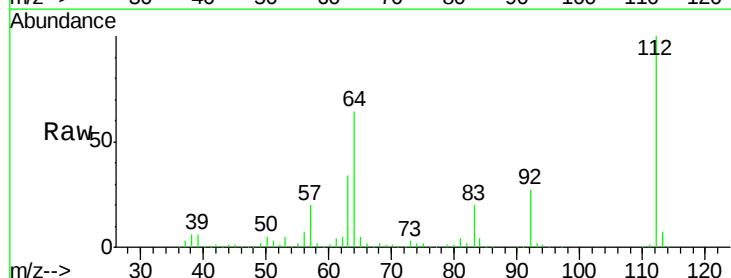
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



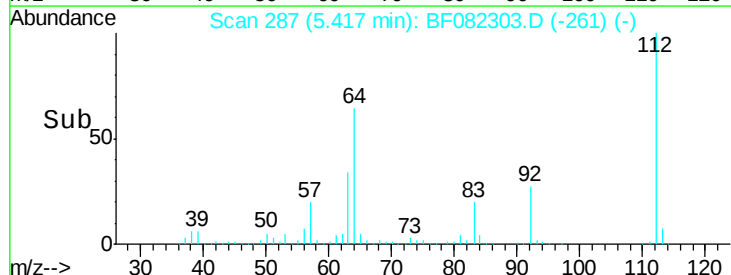
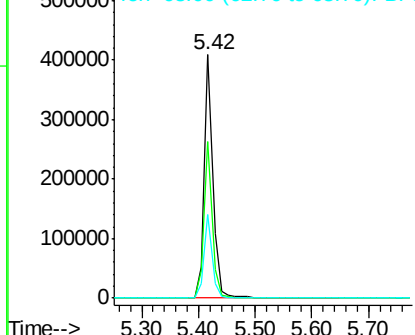
#5

2-Fluorophenol
Concen: 101.02 ng
RT: 5.42 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF082303.D
Acq: 15 Oct 2015 12:18

Tgt Ion:112 Resp: 416427
Ion Ratio Lower Upper
112 100
64 64.1 48.6 73.0
63 34.3 25.1 37.7



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: 119.76 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082303.D

Acq: 15 Oct 2015 12:18

Instrument :

BNA_F

ClientSampled :

LF-8

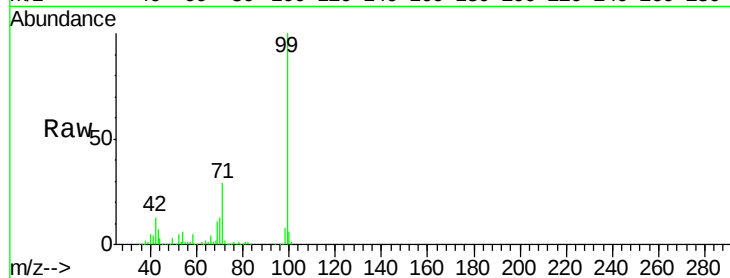
Tot Ion: 99 Resp: 642450

Ion Ratio Lower Upper

99 100

42 12.7 13.2 19.8#

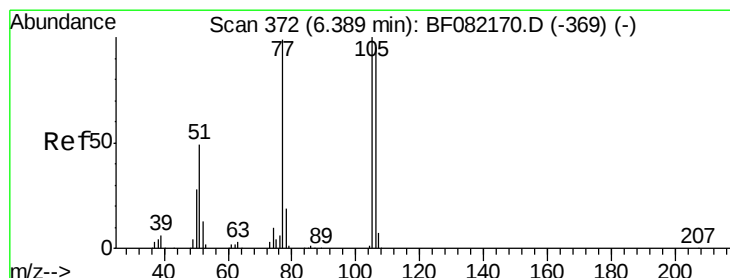
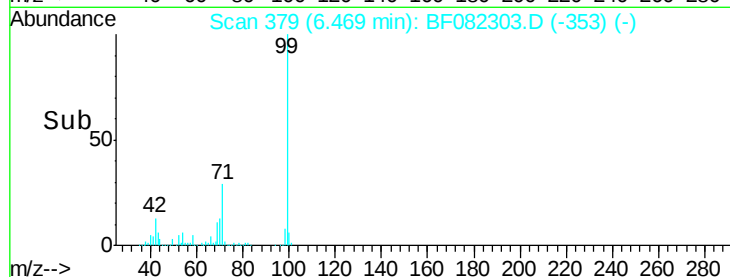
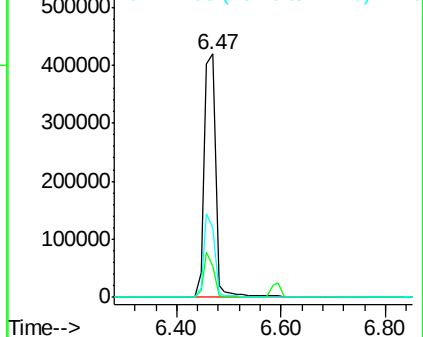
71 28.6 25.6 38.4



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: 4.05 ng

RT: 6.59 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF082303.D

Acq: 15 Oct 2015 12:18

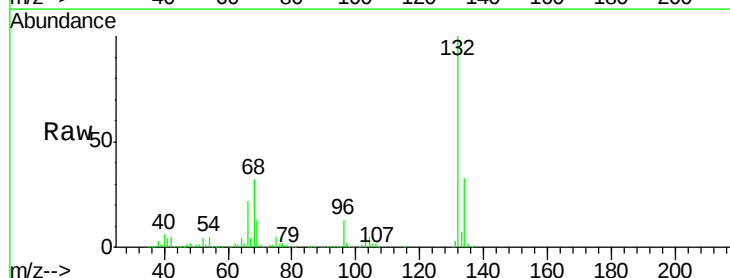
Tgt Ion: 77 Resp: 11104

Ion Ratio Lower Upper

77 100

105 85.3 80.6 120.6

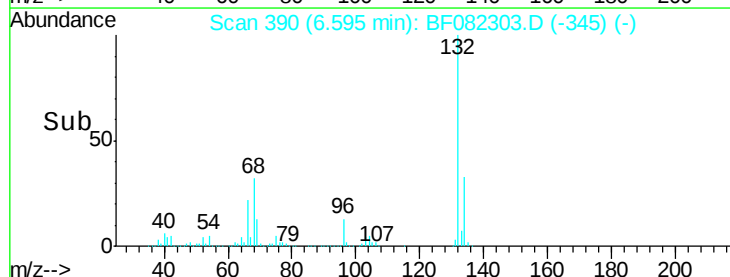
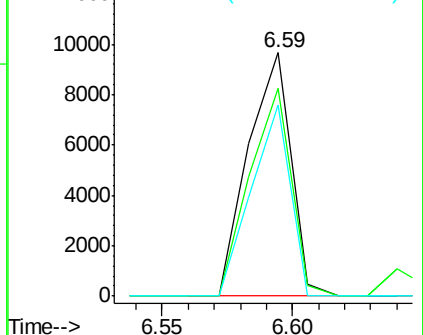
106 78.4 75.5 115.5

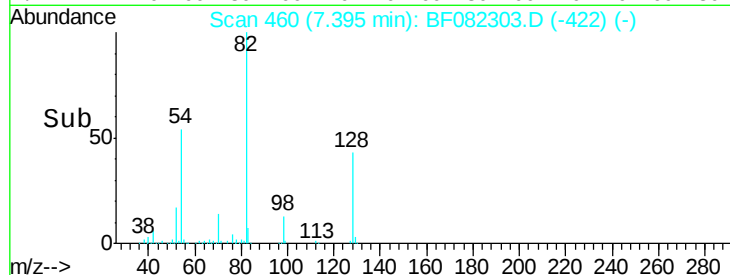
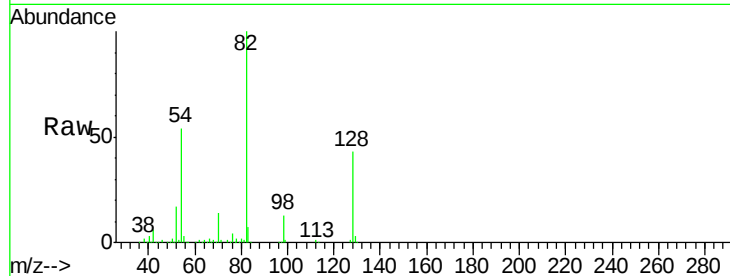
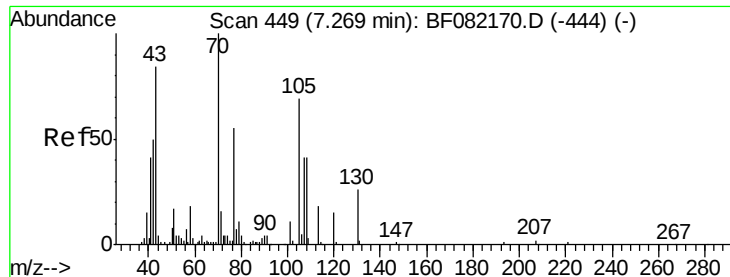


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

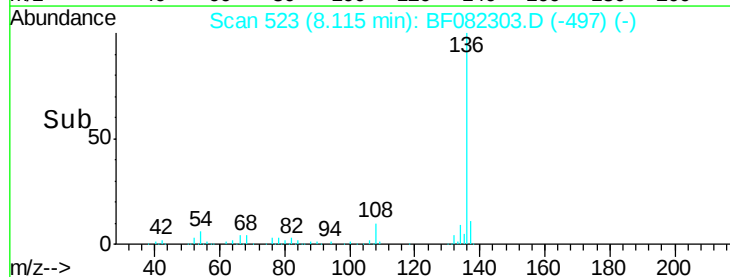
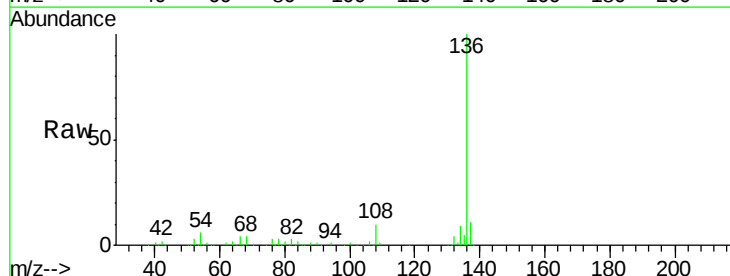
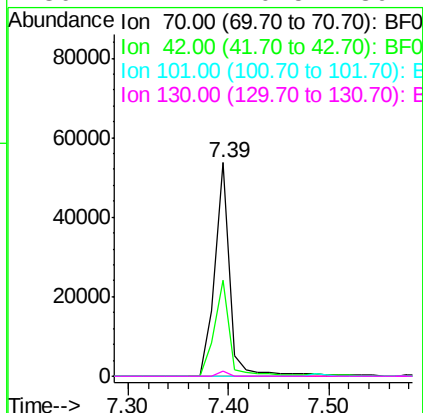




#19
n-Nitroso-di-n-propylamine
Concen: 15.03 ng
RT: 7.39 min Scan# 460
Delta R.T. 0.14 min
Lab File: BF082303.D
Acq: 15 Oct 2015 12:18

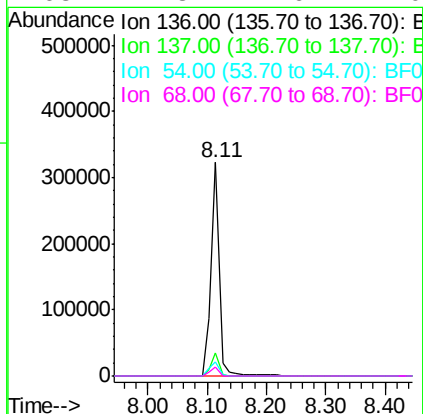
Instrument :
BNA_F
ClientSampleId :
LF-8

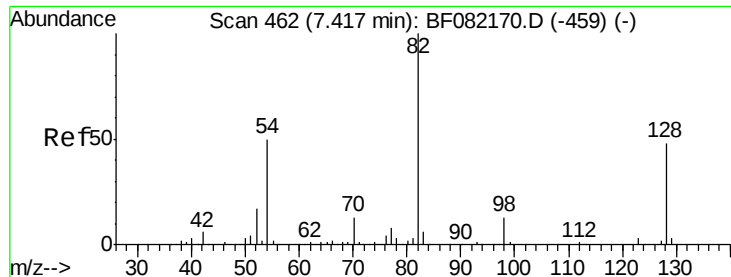
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	44.7	39.8	59.8	
101	0.0	8.6	13.0#	
130	2.2	20.5	30.7#	



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF082303.D
Acq: 15 Oct 2015 12:18

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	10.8	9.0	13.6	
54	6.4	7.5	11.3#	
68	4.3	4.6	7.0#	

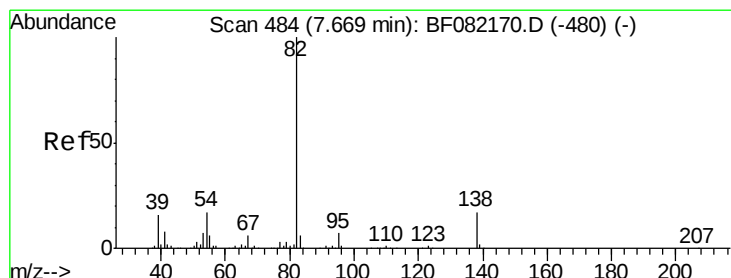
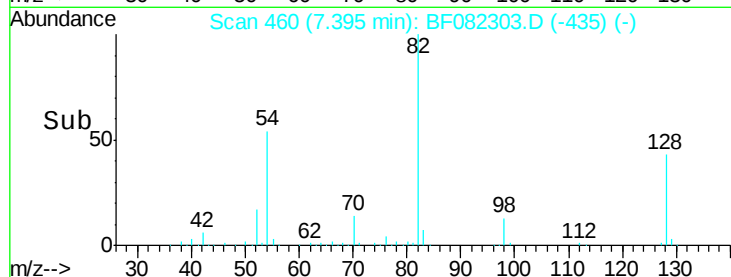
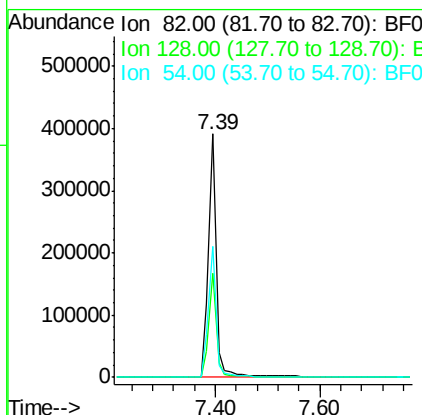
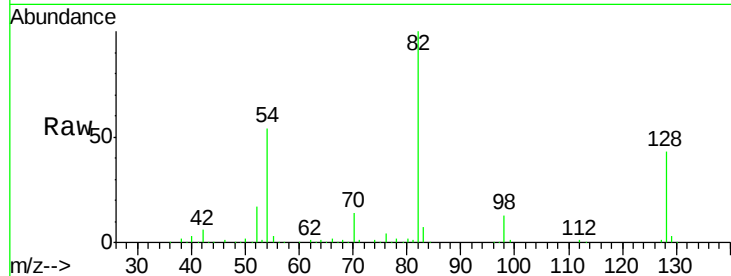




#23
 Nitrobenzene-d5
 Concen: 89.58 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082303.D
 Acq: 15 Oct 2015 12:18

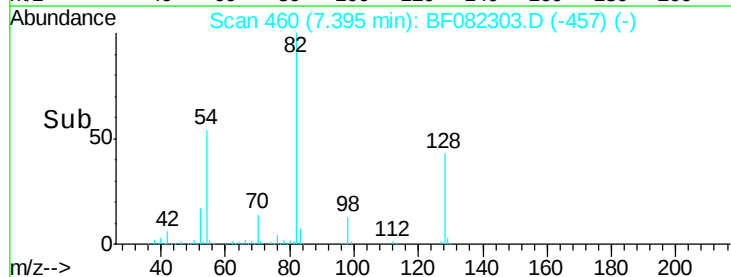
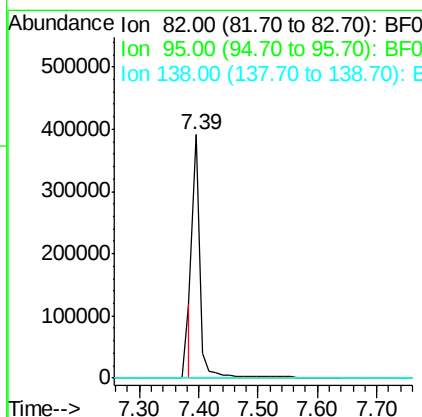
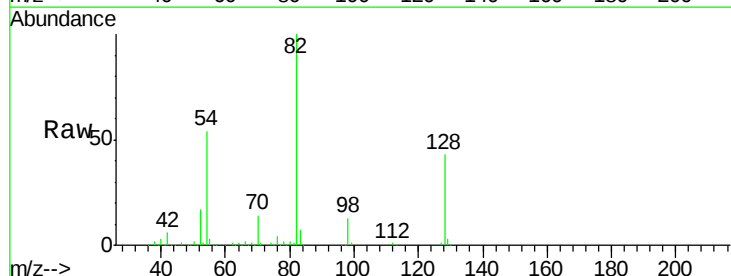
Instrument :
 BNA_F
 ClientSampleId :
 LF-8

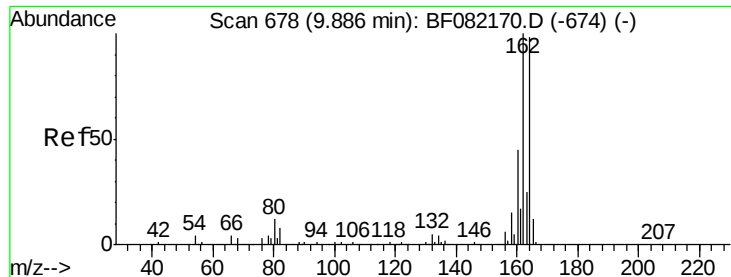
Tot Ion	82	Resp	417923
Ion Ratio	Lower	Upper	
82	100		
128	42.9	38.7	58.1
54	53.8	40.1	60.1



#25
 Isophorone
 Concen: 34.11 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.26 min
 Lab File: BF082303.D
 Acq: 15 Oct 2015 12:18

Tgt Ion	82	Resp	321197
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.6	8.4#
138	0.0	13.6	20.4#

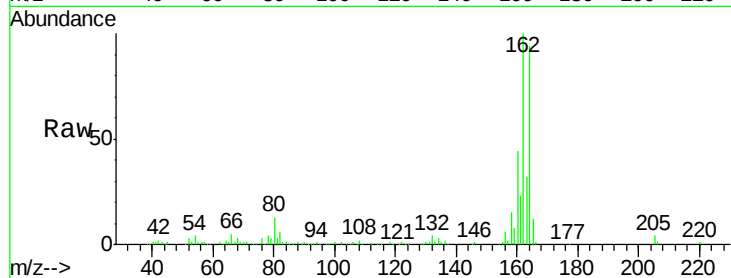




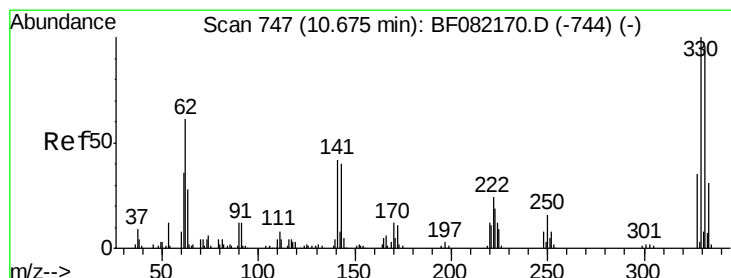
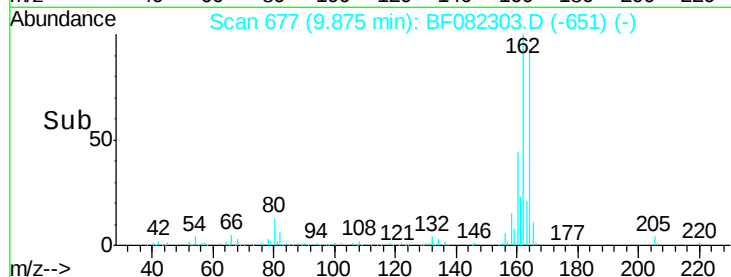
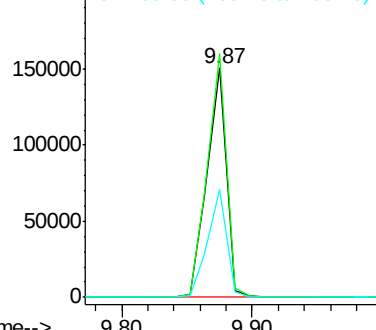
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF082303.D
 Acq: 15 Oct 2015 12:18

Instrument :
 BNA_F
 ClientSampleId :
 LF-8

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.2	81.6	122.4
160	47.0	36.4	54.6

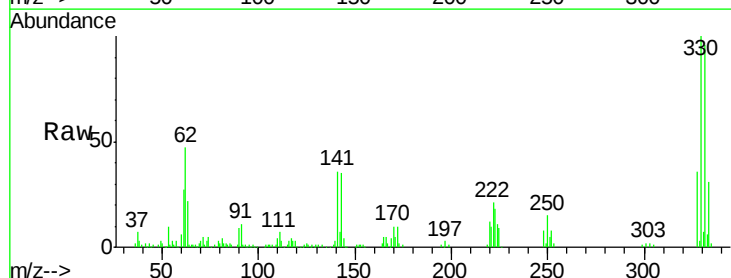


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

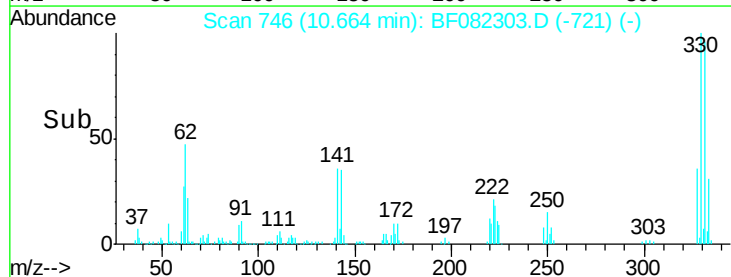
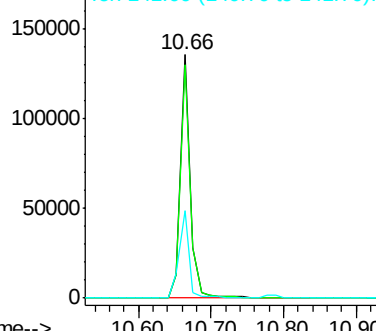


#41
 2,4,6-Tribromophenol
 Concen: 89.44 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082303.D
 Acq: 15 Oct 2015 12:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	37.5	29.8	44.8



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

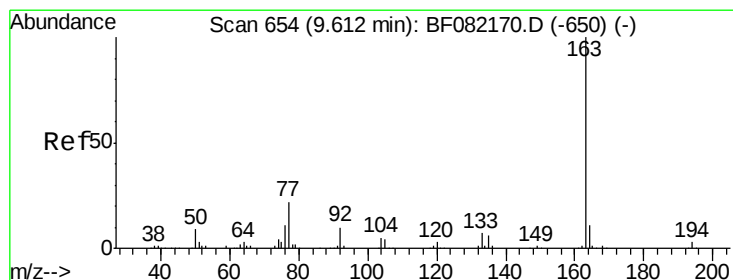
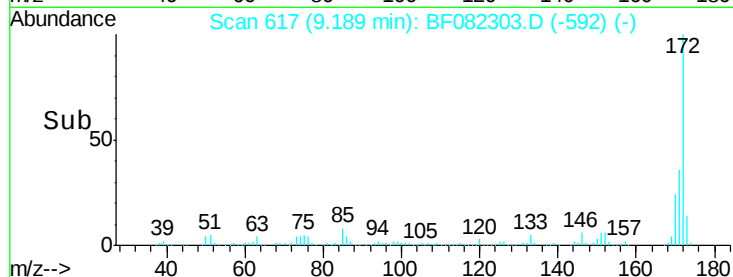
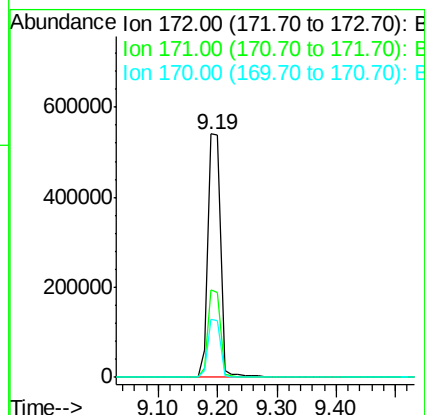
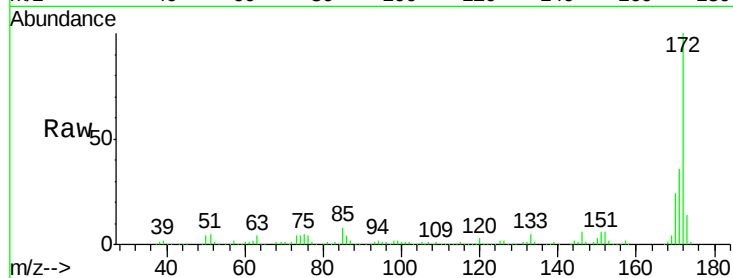




#44
2-Fluorobiphenyl
Concen: 88.22 ng
RT: 9.19 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF082303.D
Acq: 15 Oct 2015 12:18

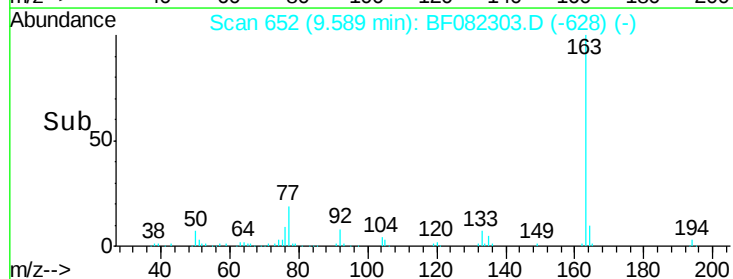
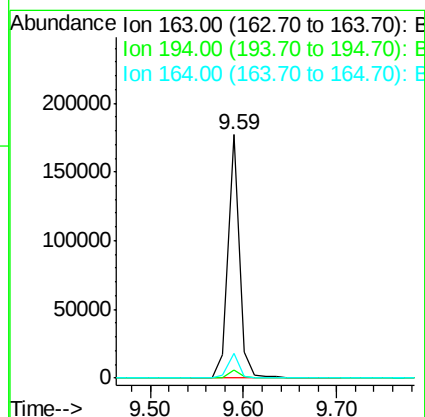
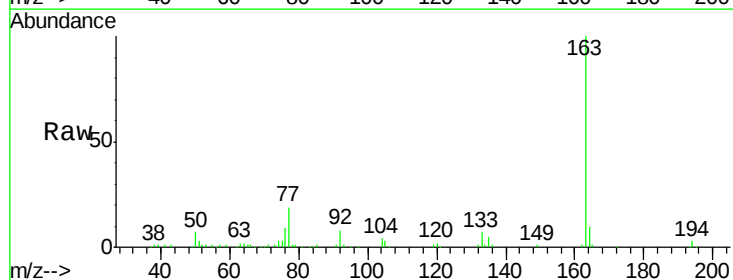
Instrument :
BNA_F
ClientSampleId :
LF-8

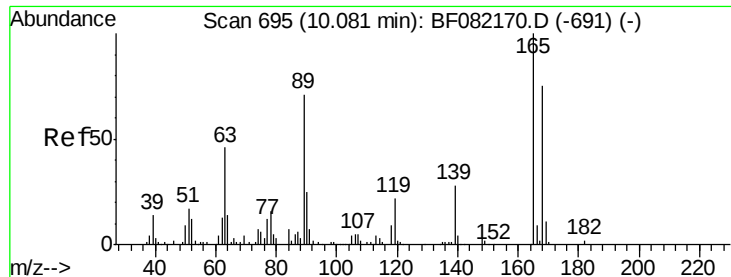
Tot Ion:172 Resp: 820416
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.7 19.7 29.5



#49
Dimethylphthalate
Concen: 13.84 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF082303.D
Acq: 15 Oct 2015 12:18

Tgt Ion:163 Resp: 150250
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.2 8.5 12.7

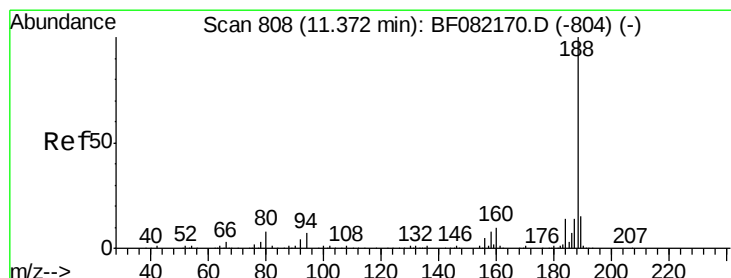
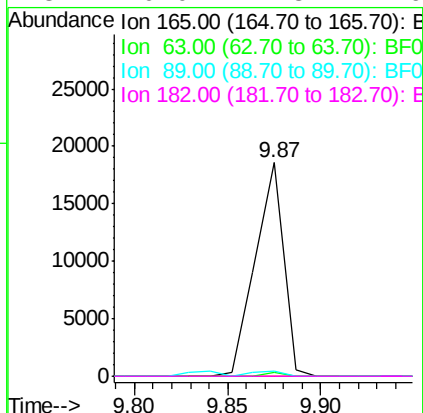
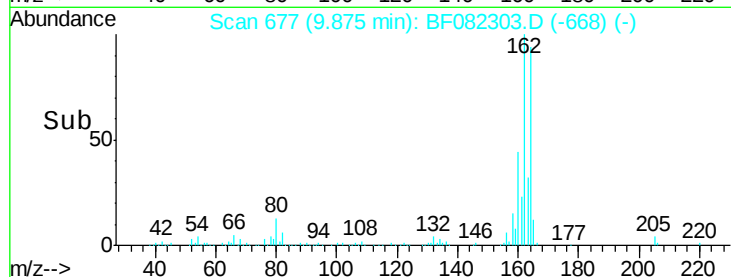
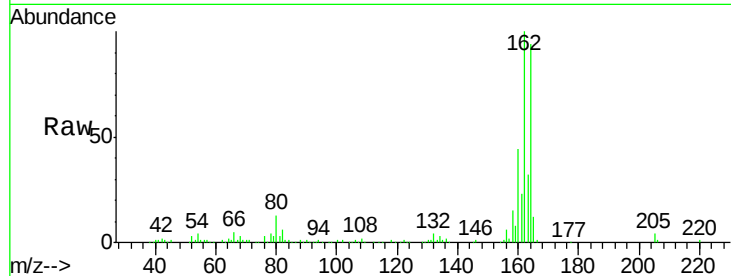




#56
2,4-Dinitrotoluene
Concen: 6.82 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.19 min
Lab File: BF082303.D
Acq: 15 Oct 2015 12:18

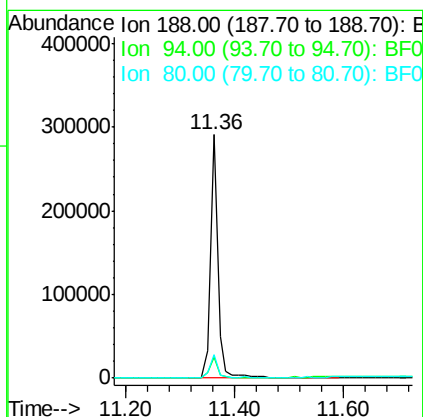
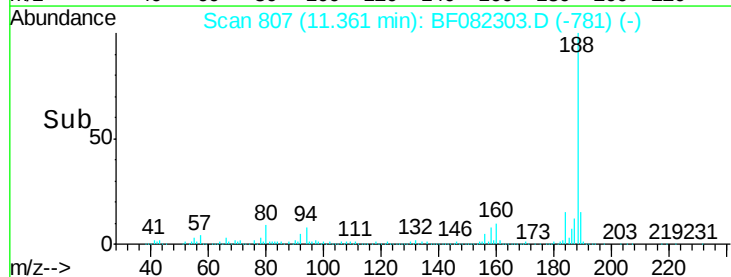
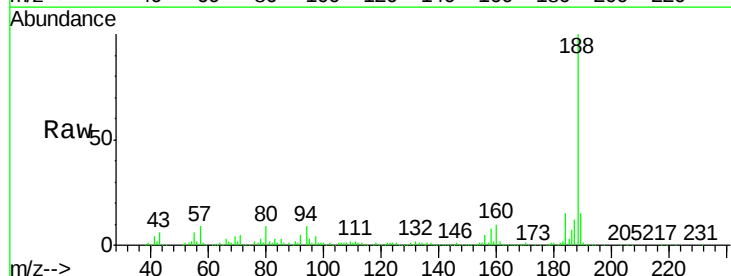
Instrument :
BNA_F
ClientSampled :
LF-8

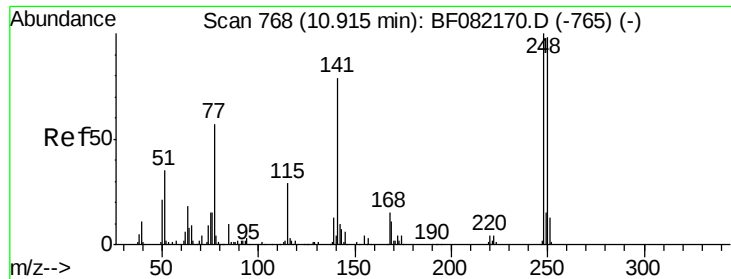
Tot Ion:165 Resp: 19535
Ion Ratio Lower Upper
165 100
63 1.6 38.6 58.0#
89 2.3 57.0 85.6#
182 0.0 1.8 2.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF082303.D
Acq: 15 Oct 2015 12:18

Tgt Ion:188 Resp: 279156
Ion Ratio Lower Upper
188 100
94 8.6 5.8 8.6
80 9.4 6.4 9.6

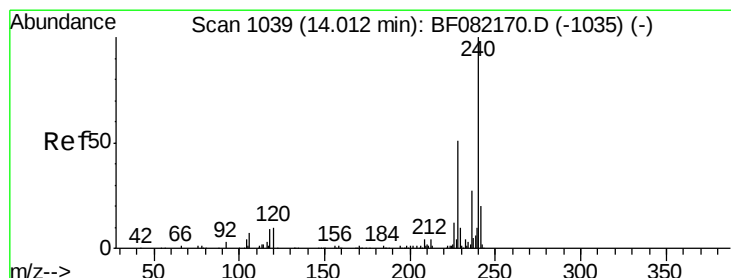
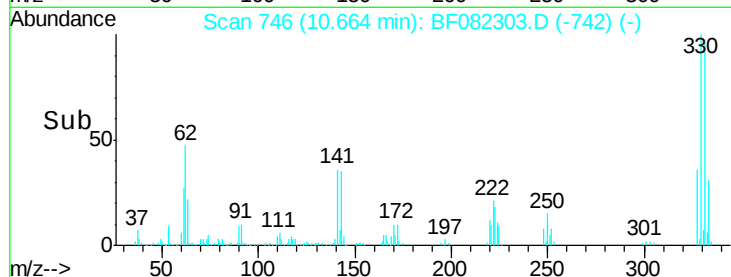
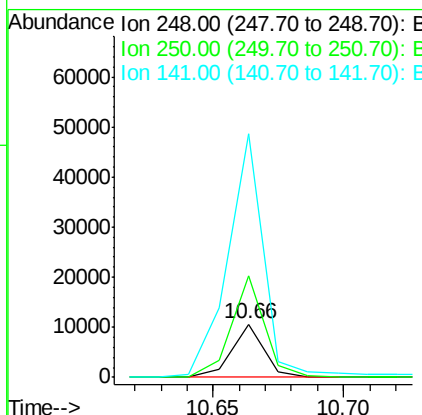
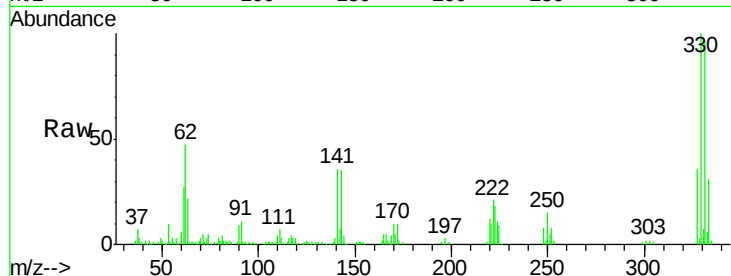




#66
 4-Bromophenyl-phenylether
 Concen: 3.28 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.25 min
 Lab File: BF082303.D
 Acq: 15 Oct 2015 12:18

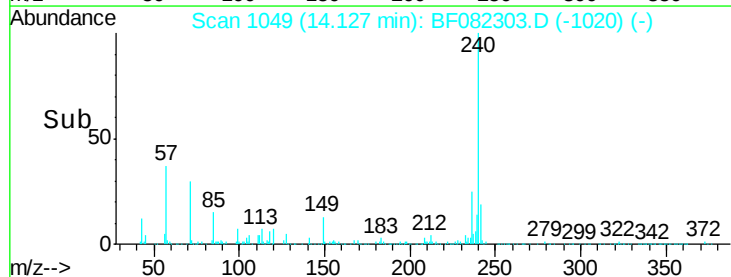
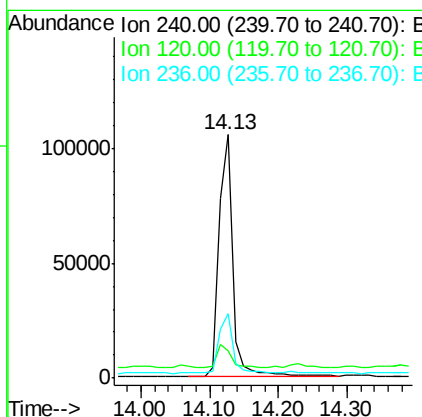
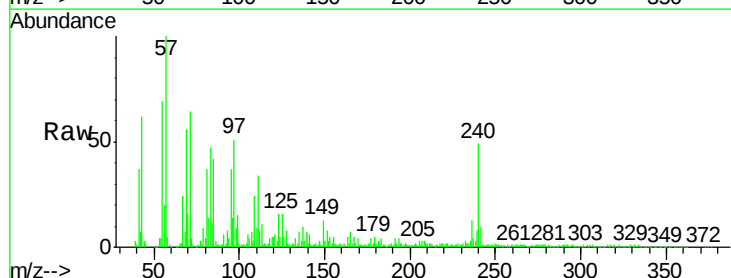
Instrument :
 BNA_F
 ClientSampleId :
 LF-8

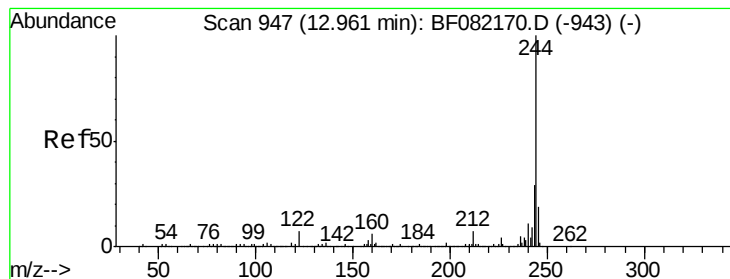
Tot Ion:248 Resp: 9164
 Ion Ratio Lower Upper
 248 100
 250 192.4 78.6 117.8#
 141 460.1 63.3 94.9#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.13 min Scan# 1049
 Delta R.T. 0.03 min
 Lab File: BF082303.D
 Acq: 15 Oct 2015 12:18

Tgt Ion:240 Resp: 150727
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.1 12.1
 236 26.4 21.3 31.9





#78

Terphenyl-d14

Concen: 104.55 ng

RT: 12.98 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF082303.D

Acq: 15 Oct 2015 12:18

Instrument :

BNA_F

ClientSampleId :

LF-8

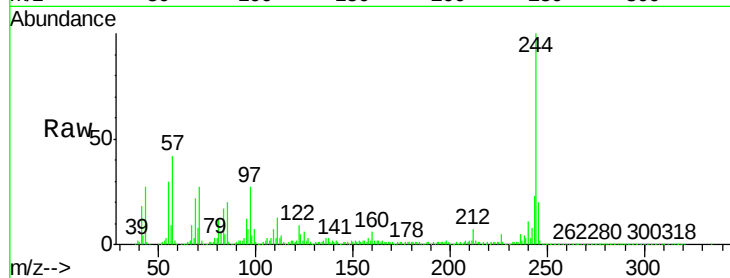
Tot Ion:244 Resp: 594660

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

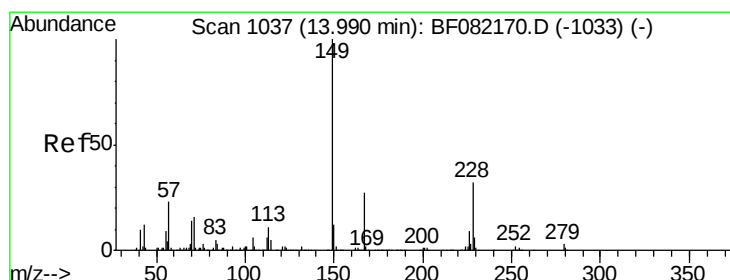
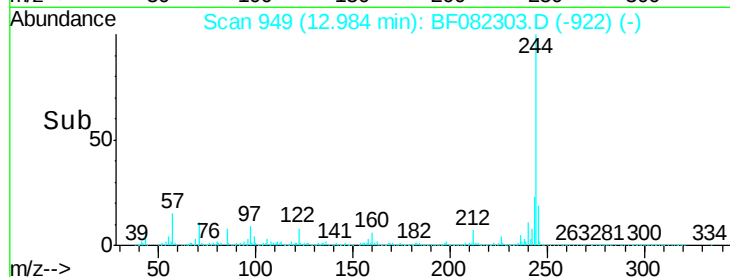
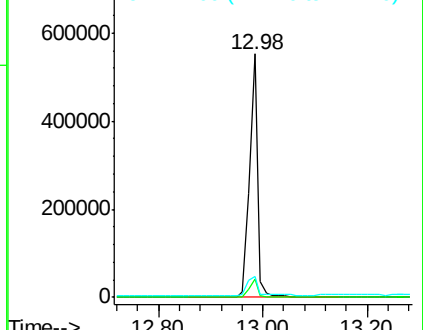
122 8.8 5.9 8.9



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 133.01 ng

RT: 14.10 min Scan# 1047

Delta R.T. 0.03 min

Lab File: BF082303.D

Acq: 15 Oct 2015 12:18

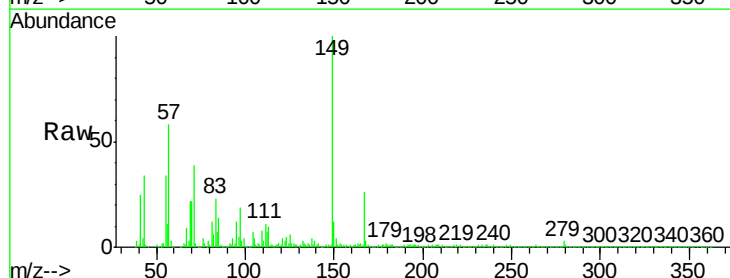
Tgt Ion:149 Resp: 774645

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

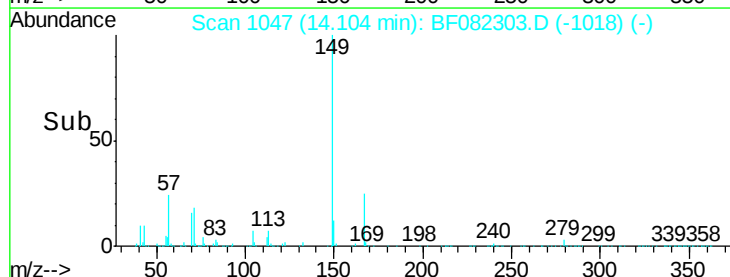
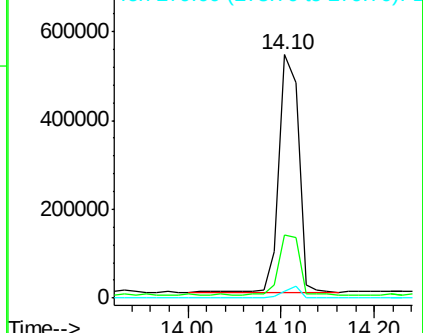
279 2.7 2.6 4.0

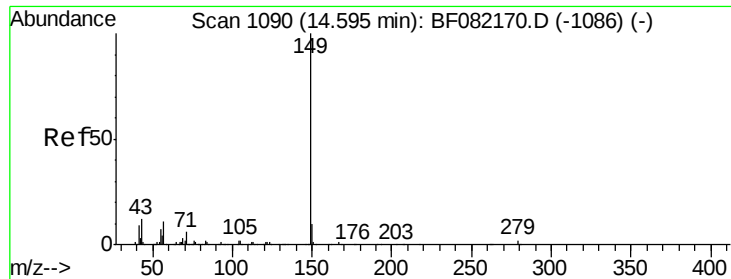


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

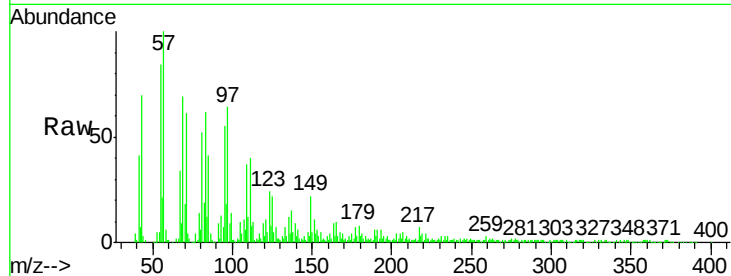




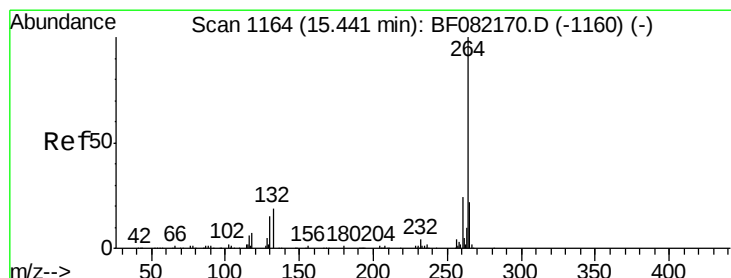
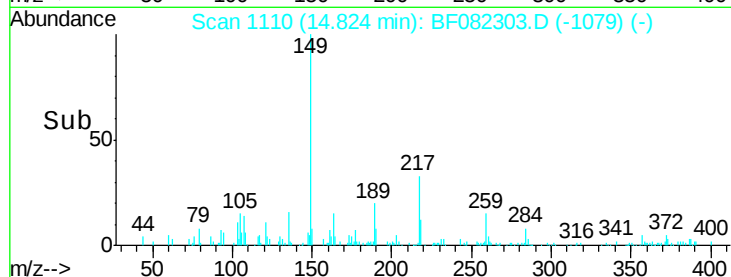
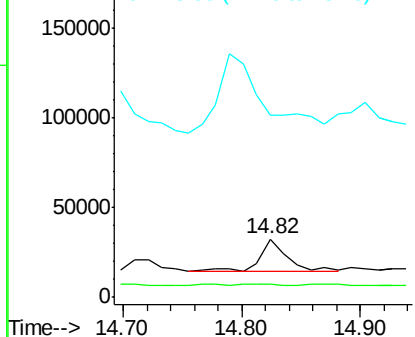
#84
Di-n-octyl phthalate
Concen: 3.00 ng
RT: 14.82 min Scan# 1110
Delta R.T. 0.06 min
Lab File: BF082303.D
Acq: 15 Oct 2015 12:18

Instrument :
BNA_F
ClientSampleId :
LF-8

Tot Ion	Ratio	Lower	Upper
149	100		
167	5.0	1.3	1.9#
43	0.0	7.4	11.2#

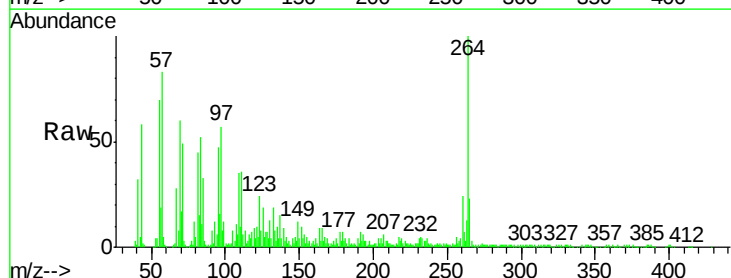


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.73 min Scan# 1189
Delta R.T. 0.07 min
Lab File: BF082303.D
Acq: 15 Oct 2015 12:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	22.7	17.3	25.9



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

