

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085221.D
 Acq On : 4 Mar 2016 23:53
 Operator : SJ/IZ
 Sample : H1645-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELP-8

Quant Time: Mar 05 01:30:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

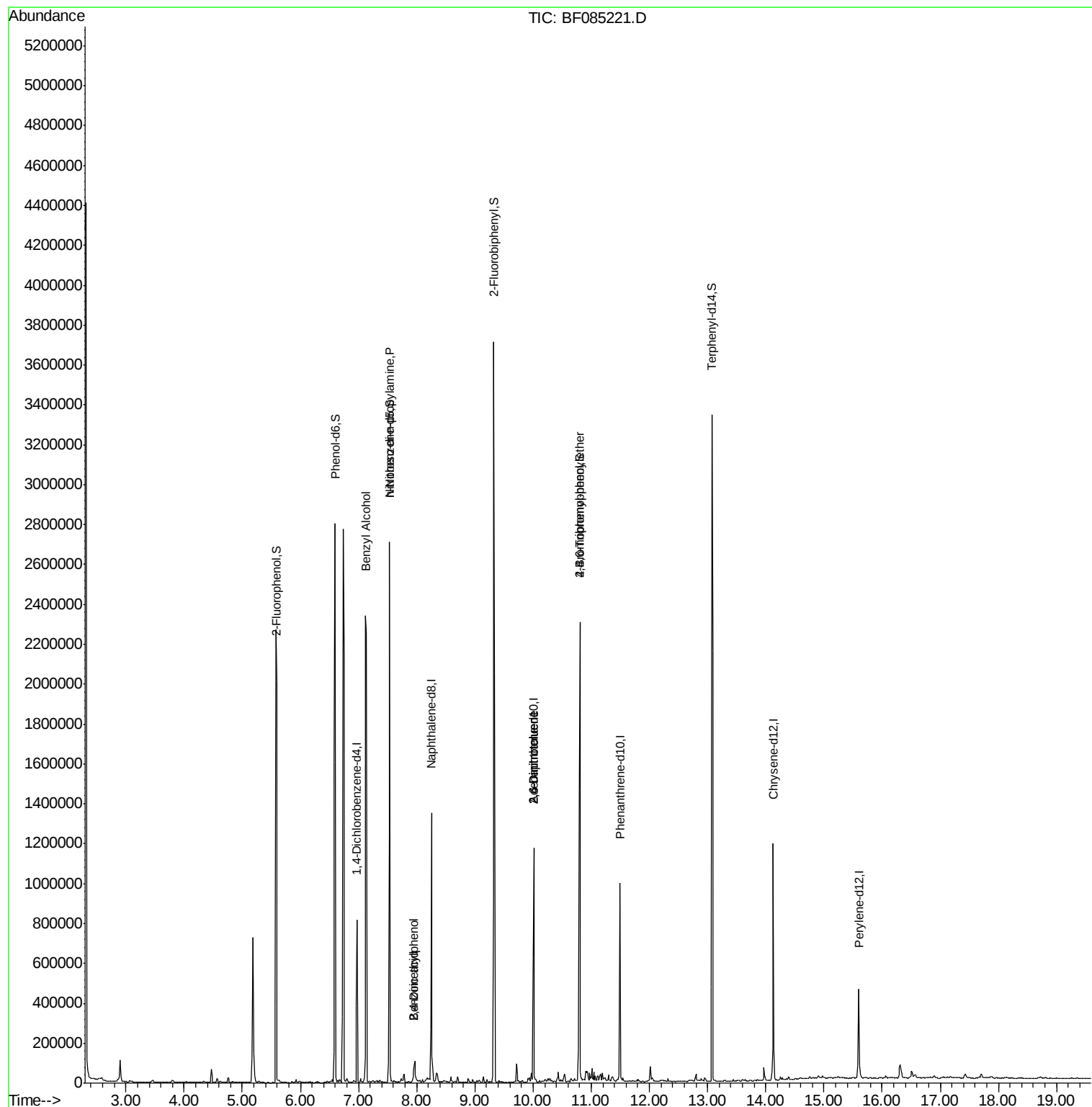
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	141177	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	572143	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	270978	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	518300	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	361727	20.00	ng	-0.02
86) Perylene-d12	15.60	264	246685	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1000341	118.86	ng	0.01
7) Phenol-d6	6.60	99	1212910	110.00	ng	-0.01
23) Nitrobenzene-d5	7.53	82	989296	92.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	350220	151.04	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1569525	88.09	ng	-0.02
78) Terphenyl-d14	13.08	244	1382602	88.73	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.52	77	1874	Below Cal		Qvalue 94
15) Benzyl Alcohol	7.12	79	17079	2.11 ng	#	50
19) n-Nitroso-di-n-propylamine	7.53	70	135245	18.82 ng	#	77
27) 2,4-Dimethylphenol	7.96	122	39001	4.04 ng	#	6
32) Benzoic acid	7.96	122	39001	6.08 ng		99
50) 2,6-Dinitrotoluene	10.01	165	34116	7.67 ng	#	26
56) 2,4-Dinitrotoluene	10.01	165	34118	5.99 ng	#	22
66) 4-Bromophenyl-phenylether	10.80	248	25281	5.02 ng	#	1

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

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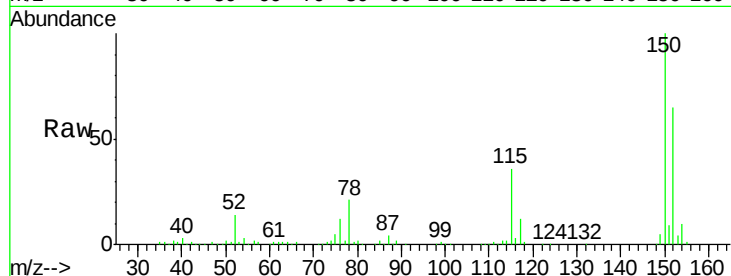


#1

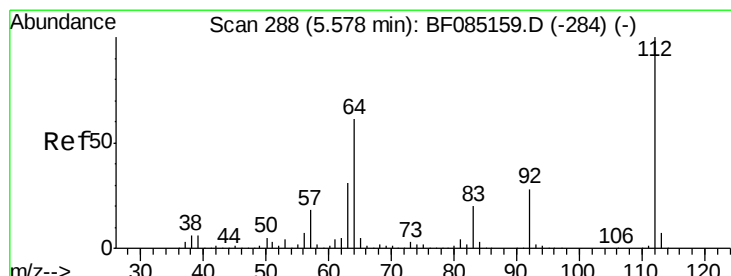
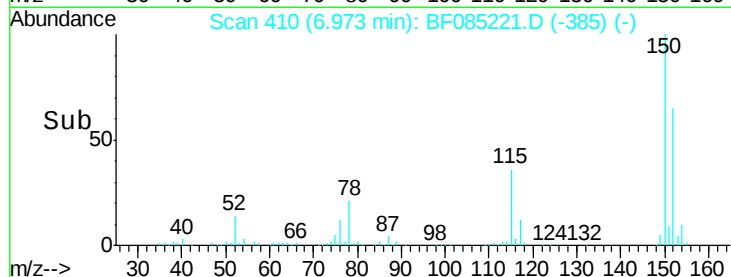
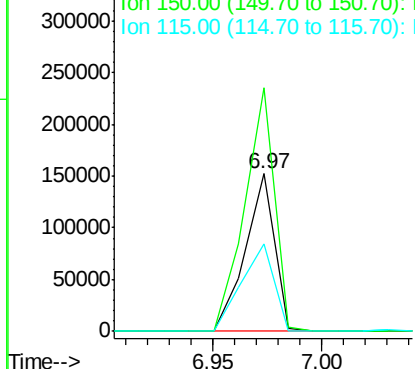
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085221.D
Acq: 4 Mar 2016 23:53

Instrument :
BNA_F
ClientSampleId :
ELP-8

Tgt Ion:152 Resp: 141177
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 55.8 46.6 70.0



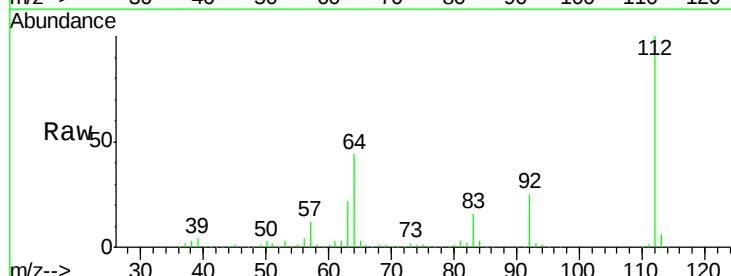
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



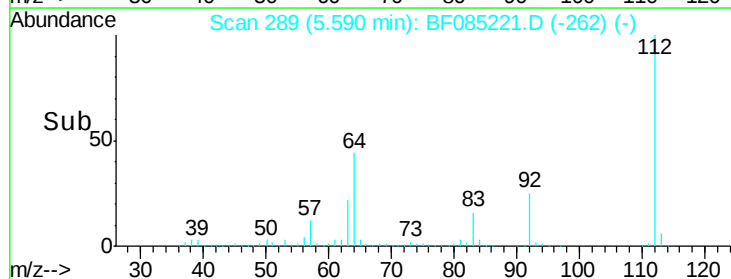
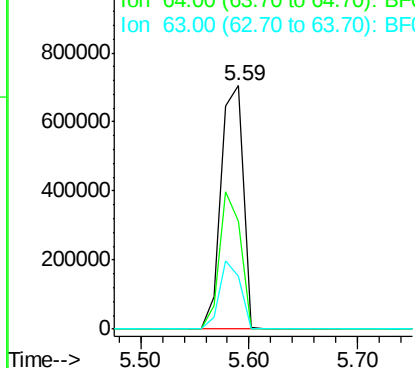
#5

2-Fluorophenol
Concen: 118.86 ng
RT: 5.59 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF085221.D
Acq: 4 Mar 2016 23:53

Tgt Ion:112 Resp: 1000341
Ion Ratio Lower Upper
112 100
64 44.3 49.0 73.4#
63 22.0 24.8 37.2#



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: 110.00 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085221.D

Acq: 4 Mar 2016 23:53

Instrument :

BNA_F

ClientSampled :

ELP-8

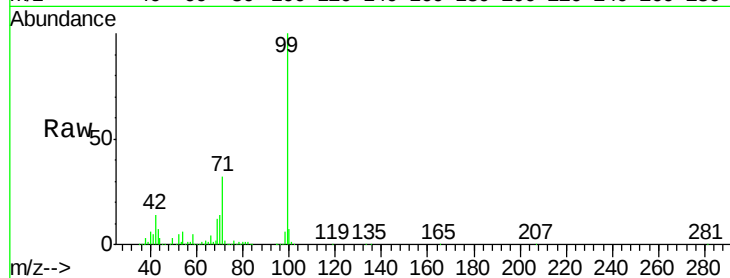
Tgt Ion: 99 Resp: 1212910

Ion Ratio Lower Upper

99 100

42 14.0 13.6 20.4

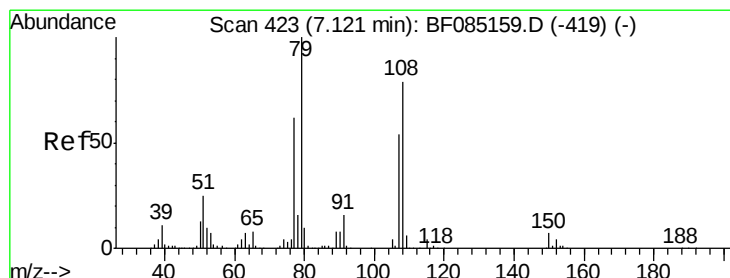
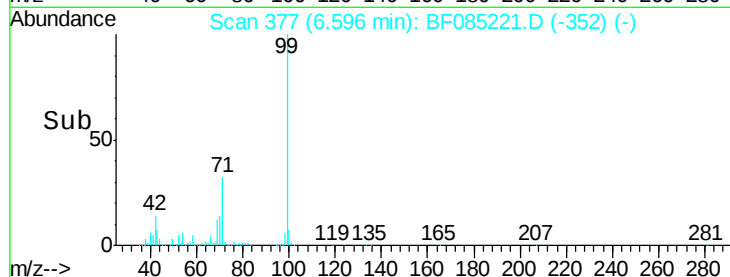
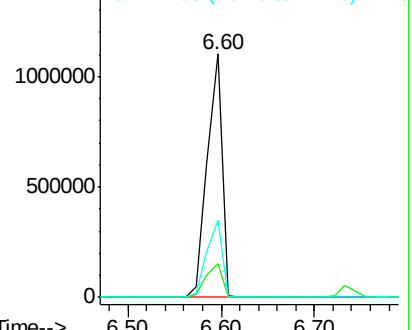
71 31.7 26.7 40.1



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



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 7.12 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF085221.D

Acq: 4 Mar 2016 23:53

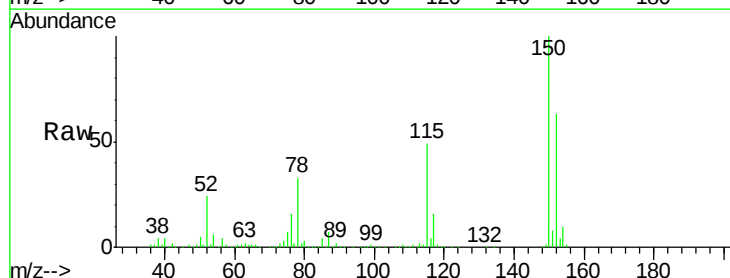
Tgt Ion: 79 Resp: 17079

Ion Ratio Lower Upper

79 100

108 29.1 62.9 94.3#

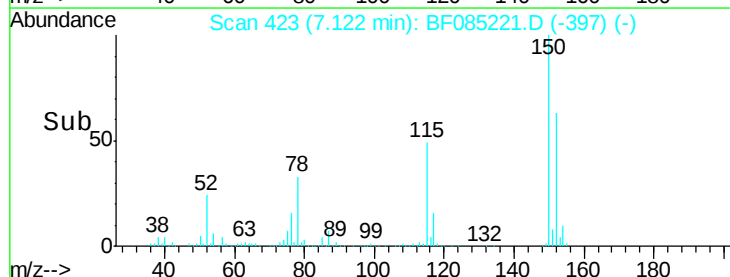
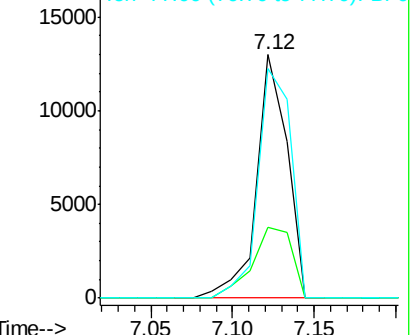
77 94.1 49.5 74.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

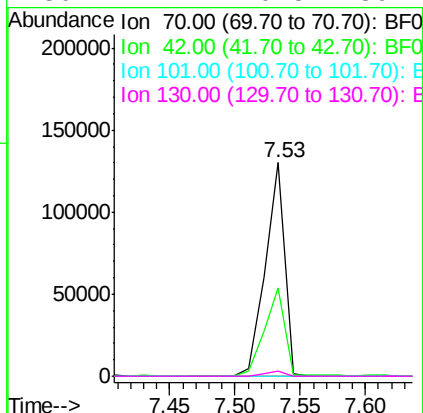
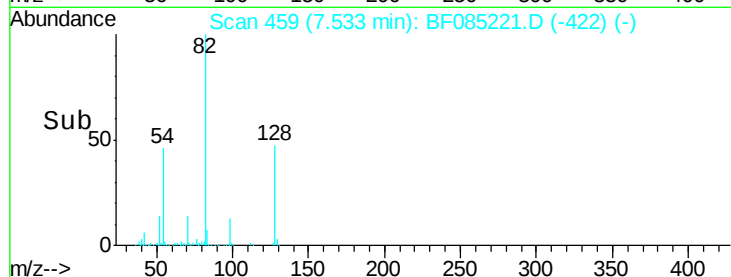
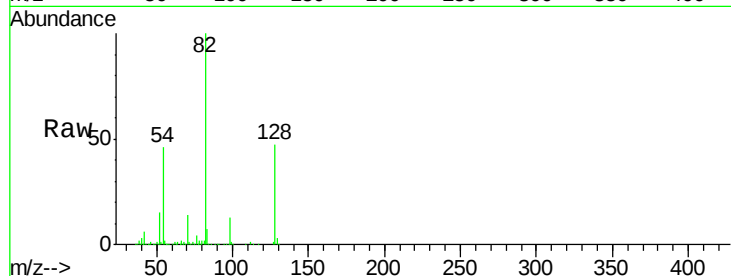




#19
n-Nitroso-di-n-propylamine
Concen: 18.82 ng
RT: 7.53 min Scan# 459
Delta R.T. 0.13 min
Lab File: BF085221.D
Acq: 4 Mar 2016 23:53

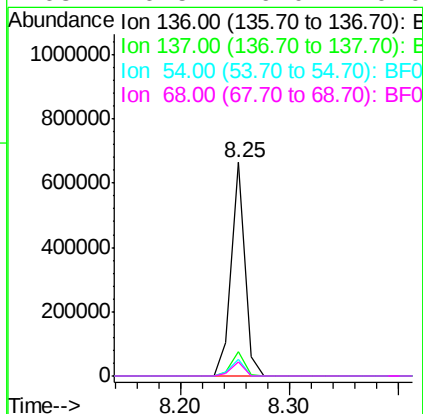
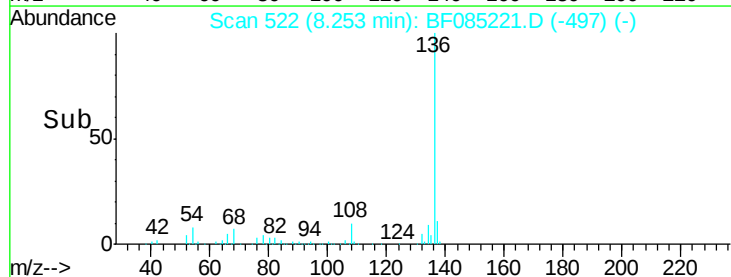
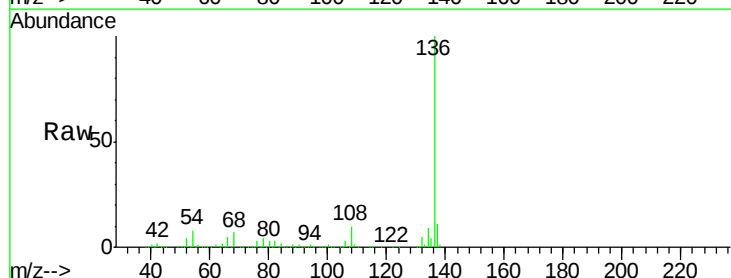
Instrument :
BNA_F
ClientSampleId :
ELP-8

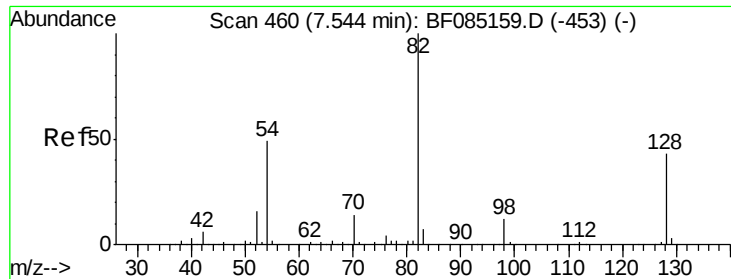
Tgt Ion: 70 Resp: 135245
Ion Ratio Lower Upper
70 100
42 41.2 37.7 56.5
101 0.0 8.2 12.4#
130 2.2 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085221.D
Acq: 4 Mar 2016 23:53

Tgt Ion: 136 Resp: 572143
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 7.7 7.4 11.2
68 6.5 6.0 9.0

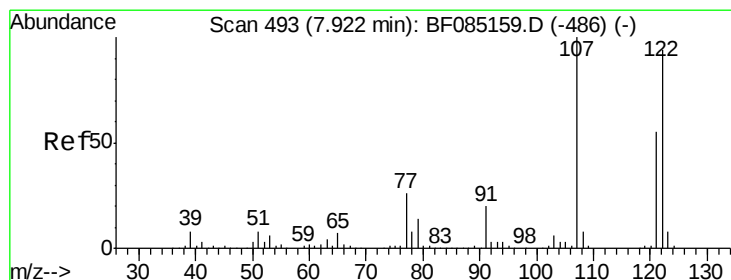
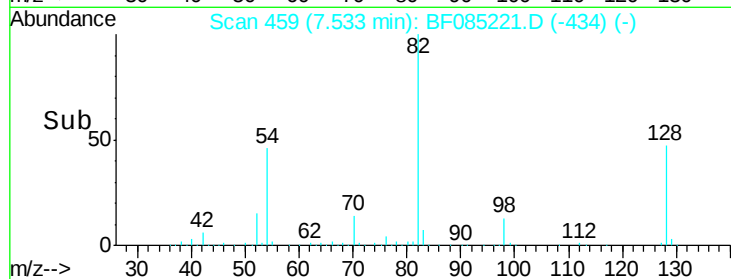
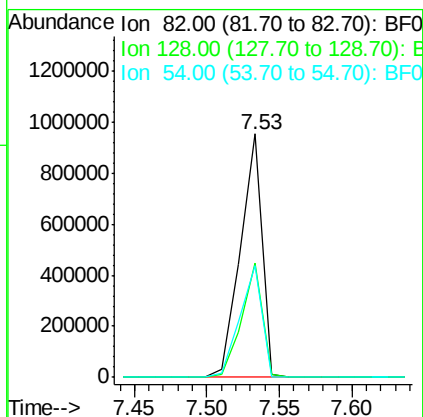
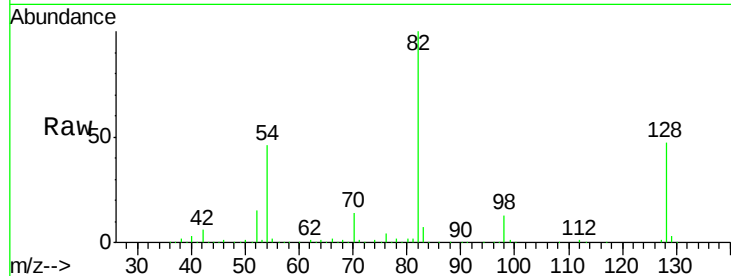




#23
 Nitrobenzene-d5
 Concen: 92.53 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085221.D
 Acq: 4 Mar 2016 23:53

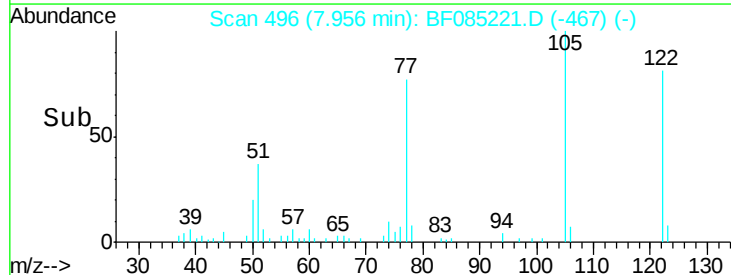
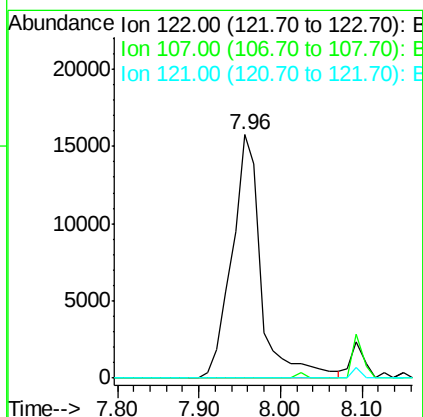
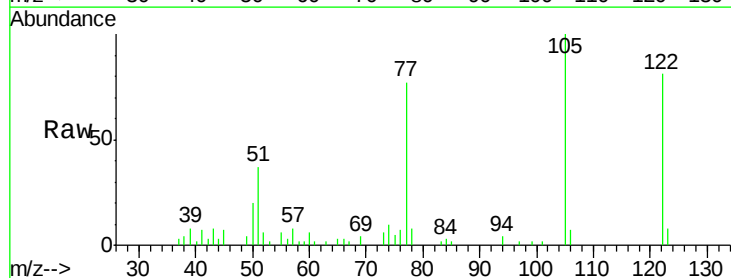
Instrument :
 BNA_F
 ClientSampleId :
 ELP-8

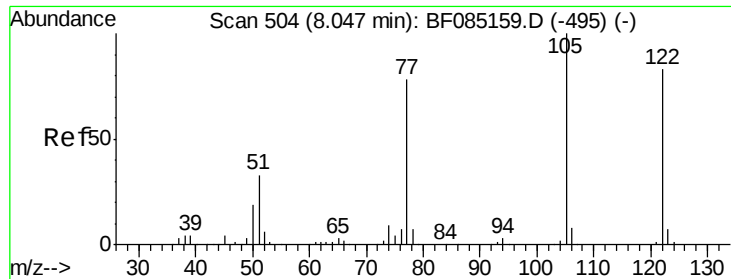
Tgt Ion: 82 Resp: 989296
 Ion Ratio Lower Upper
 82 100
 128 47.1 34.5 51.7
 54 45.8 39.3 58.9



#27
 2,4-Dimethylphenol
 Concen: 4.04 ng
 RT: 7.96 min Scan# 496
 Delta R.T. 0.03 min
 Lab File: BF085221.D
 Acq: 4 Mar 2016 23:53

Tgt Ion: 122 Resp: 39001
 Ion Ratio Lower Upper
 122 100
 107 0.0 84.8 127.2#
 121 0.0 47.0 70.6#





#32

Benzoic acid

Concen: 6.08 ng

RT: 7.96 min Scan# 496

Delta R.T. -0.09 min

Lab File: BF085221.D

Acq: 4 Mar 2016 23:53

Instrument :

BNA_F

ClientSampled :

ELP-8

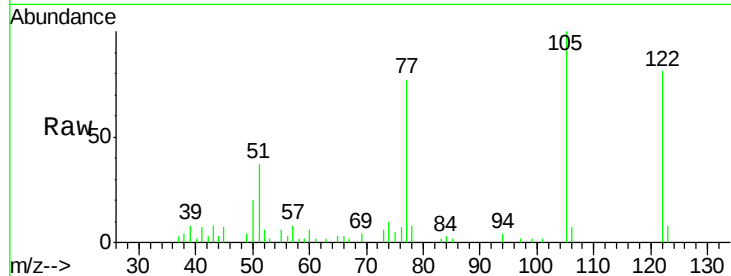
Tgt Ion:122 Resp: 39001

Ion Ratio Lower Upper

122 100

105 122.9 101.3 141.3

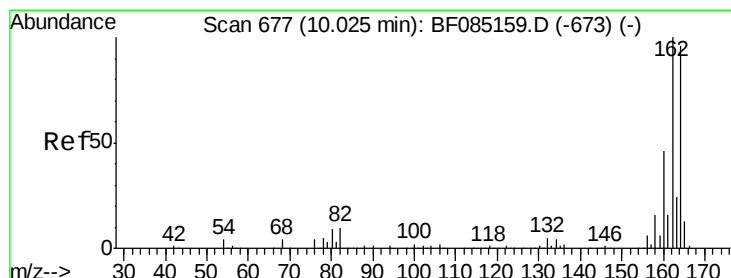
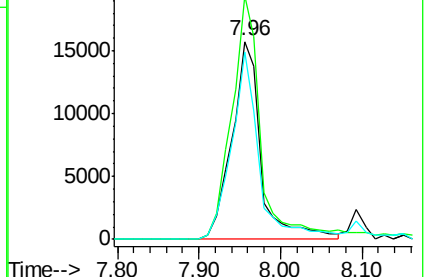
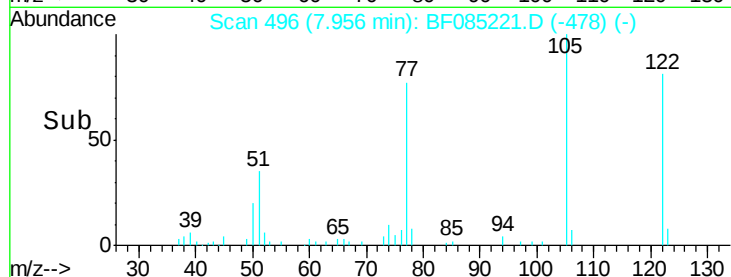
77 94.3 74.7 114.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF085221.D

Acq: 4 Mar 2016 23:53

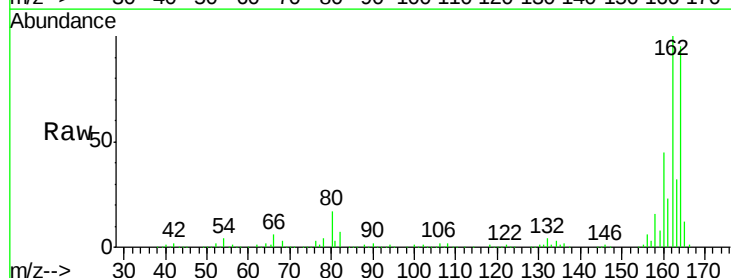
Tgt Ion:164 Resp: 270978

Ion Ratio Lower Upper

164 100

162 105.5 83.3 124.9

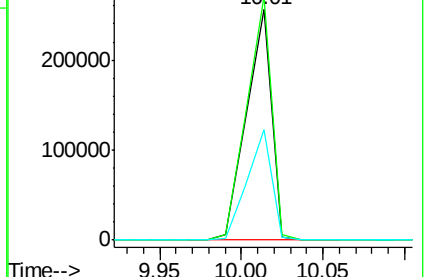
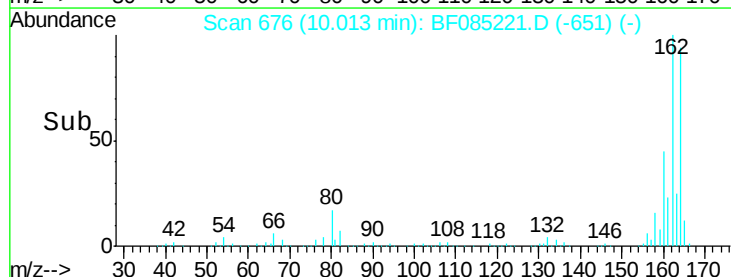
160 47.8 37.9 56.9

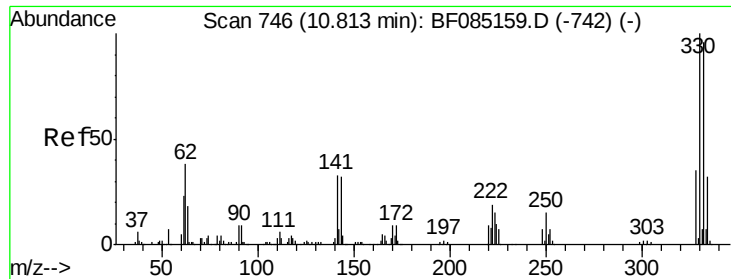


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

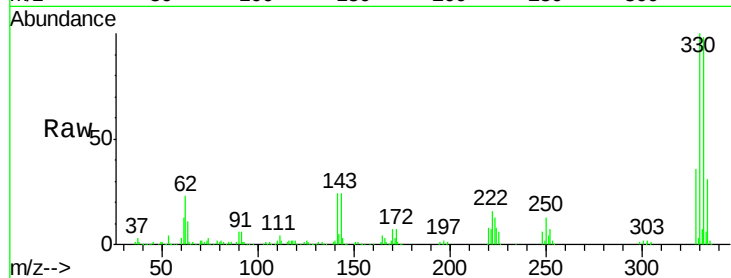




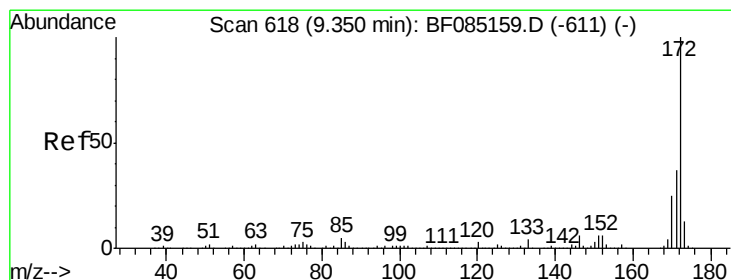
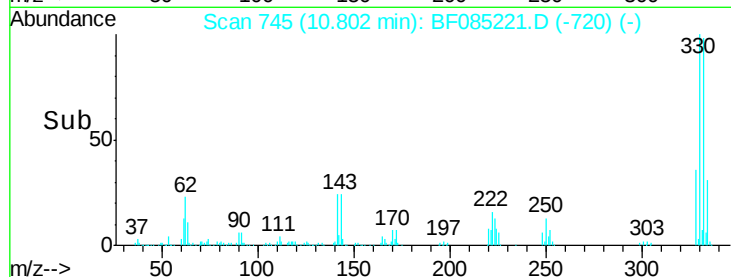
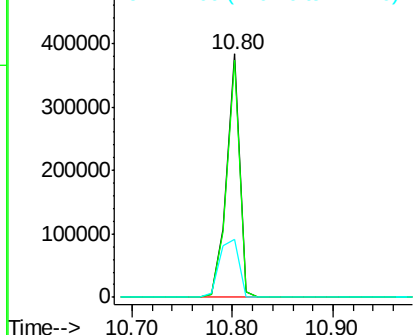
#41
 2,4,6-Tribromophenol
 Concen: 151.04 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085221.D
 Acq: 4 Mar 2016 23:53

Instrument :
 BNA_F
 ClientSampleId :
 ELP-8

Tgt Ion:330 Resp: 350220
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.1 115.7
 141 36.1 35.0 52.6

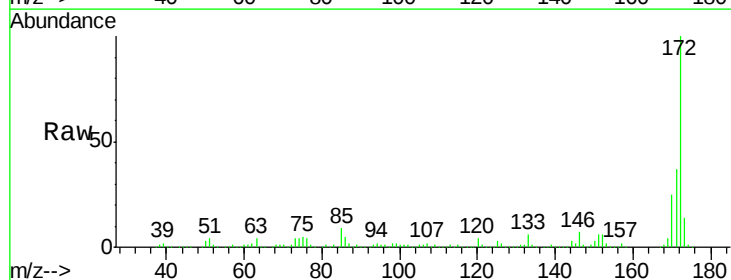


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

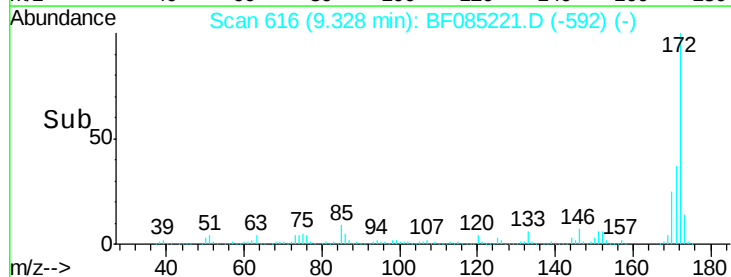
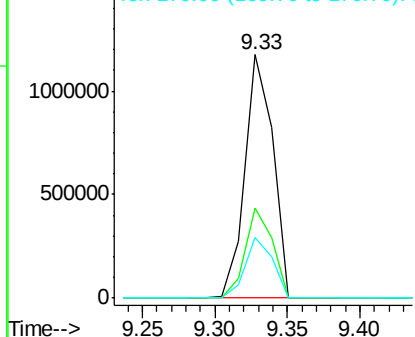


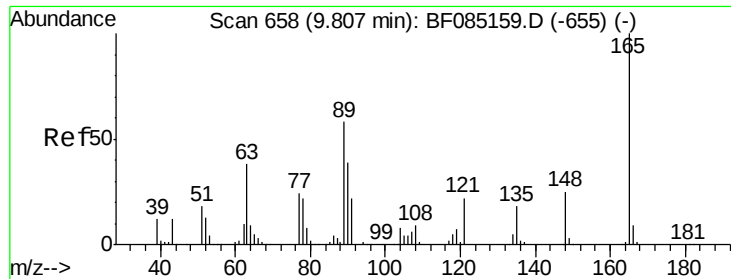
#44
 2-Fluorobiphenyl
 Concen: 88.09 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085221.D
 Acq: 4 Mar 2016 23:53

Tgt Ion:172 Resp: 1569525
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.3 43.9
 170 24.8 20.0 30.0



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

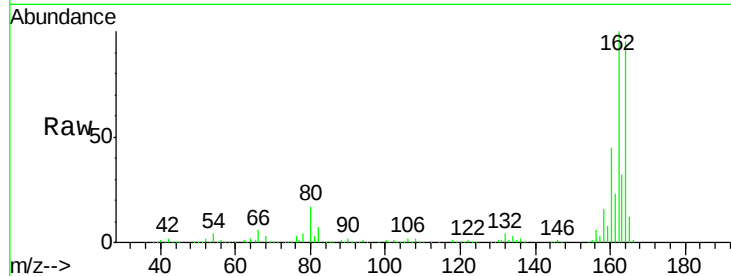




#50
 2,6-Dinitrotoluene
 Concen: 7.67 ng
 RT: 10.01 min Scan# 676
 Delta R.T. 0.21 min
 Lab File: BF085221.D
 Acq: 4 Mar 2016 23:53

Instrument :
 BNA_F
 ClientSampleId :
 ELP-8

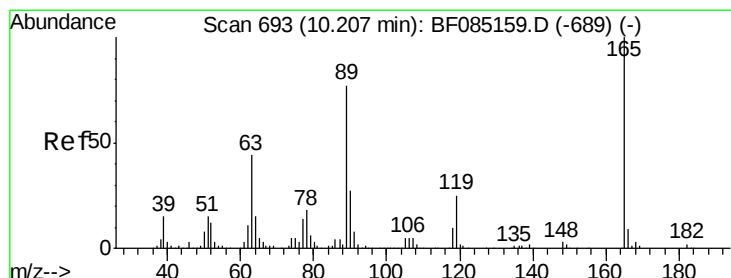
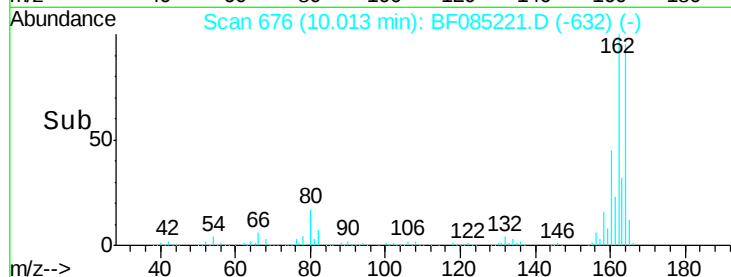
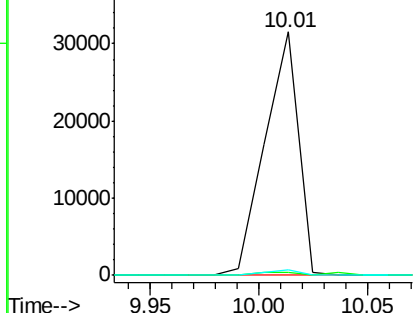
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	41.8	62.8#
89	2.0	46.7	70.1#



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: 5.99 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.19 min
 Lab File: BF085221.D
 Acq: 4 Mar 2016 23:53

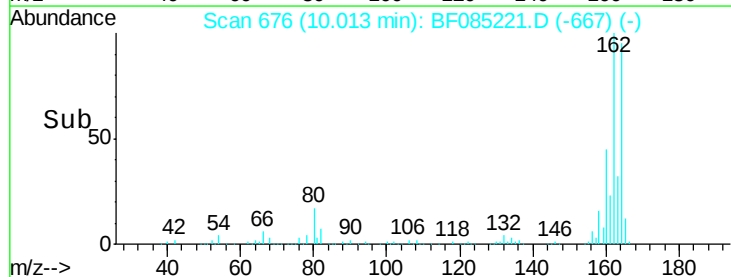
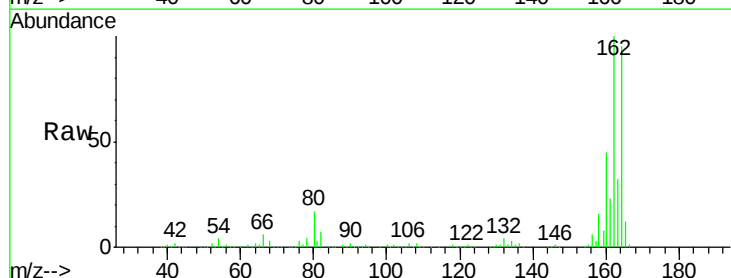
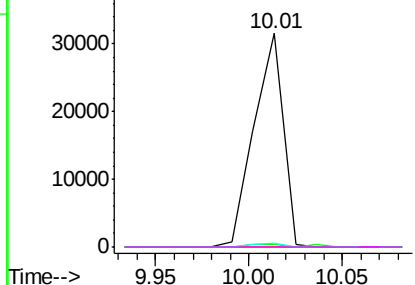
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	35.4	53.0#
89	2.0	61.9	92.9#
182	0.0	1.9	2.9#

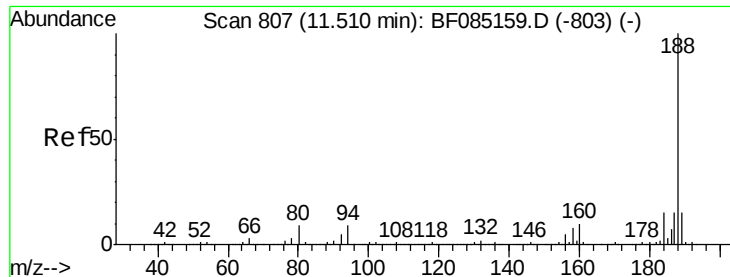
Abundance Ion 165.00 (164.70 to 165.70): E

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

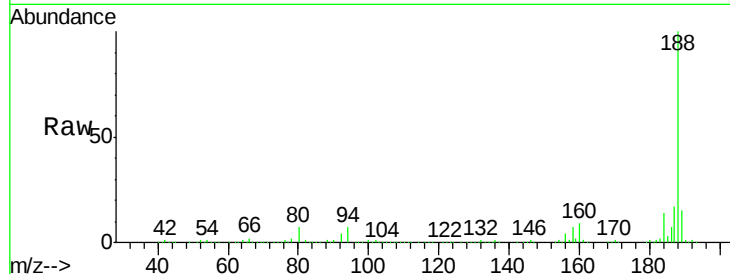




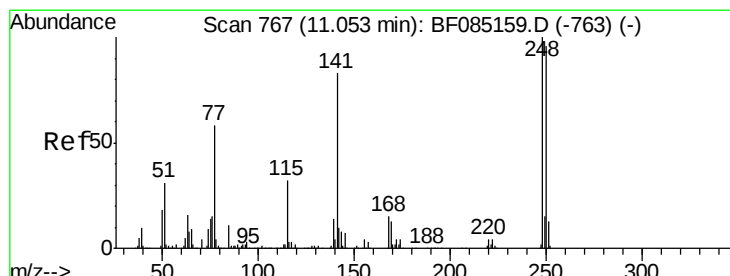
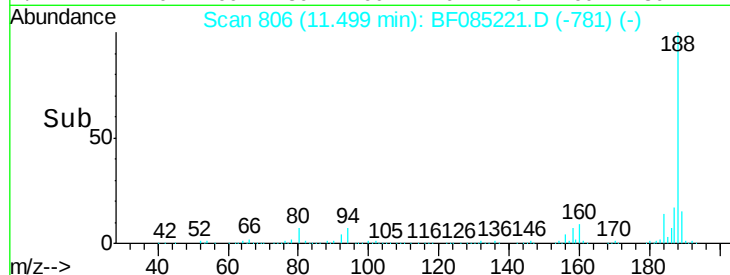
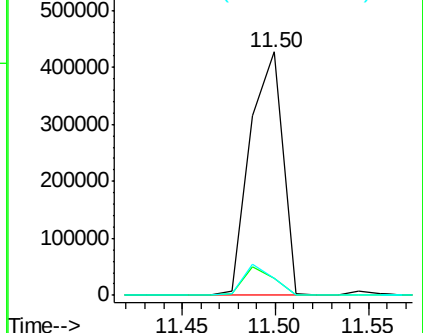
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF085221.D
 Acq: 4 Mar 2016 23:53

Instrument :
 BNA_F
 ClientSampled :
 ELP-8

Tgt Ion:188 Resp: 518300
 Ion Ratio Lower Upper
 188 100
 94 6.7 7.0 10.6#
 80 6.9 7.4 11.0#

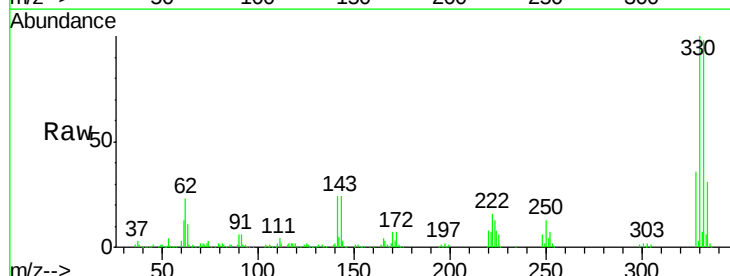


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

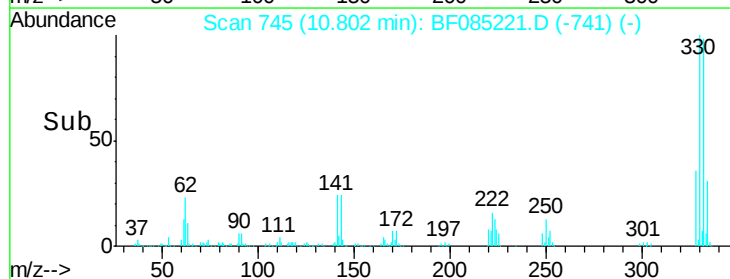
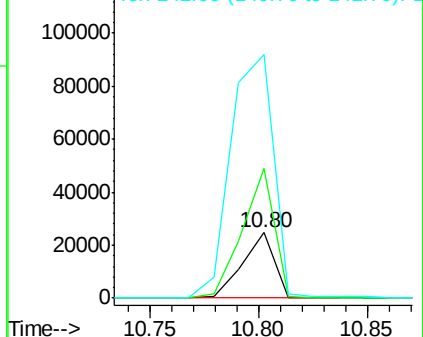


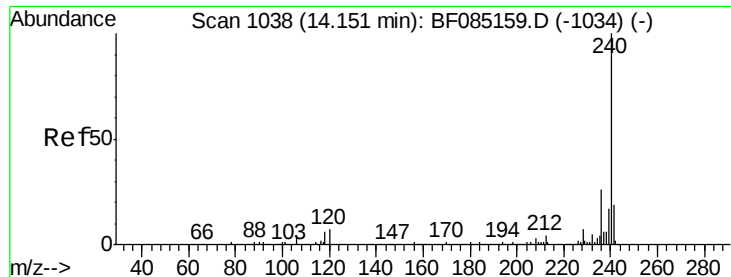
#66
 4-Bromophenyl-phenylether
 Concen: 5.02 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.25 min
 Lab File: BF085221.D
 Acq: 4 Mar 2016 23:53

Tgt Ion:248 Resp: 25281
 Ion Ratio Lower Upper
 248 100
 250 197.8 77.1 115.7#
 141 370.8 66.2 99.2#



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: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085221.D

Acq: 4 Mar 2016 23:53

Instrument :

BNA_F

ClientSampleId :

ELP-8

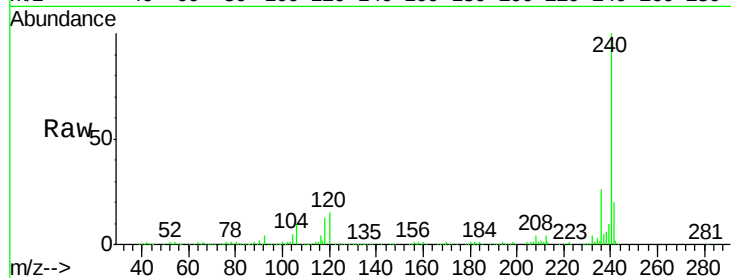
Tgt Ion:240 Resp: 361727

Ion Ratio Lower Upper

240 100

120 14.6 5.3 7.9#

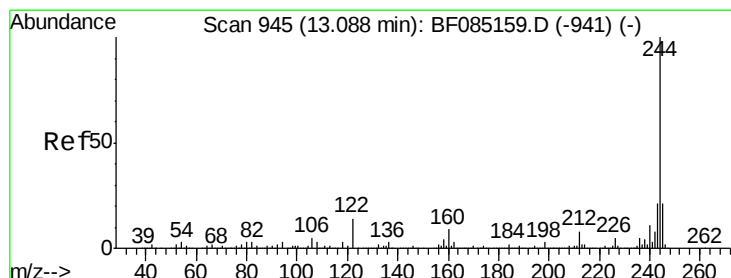
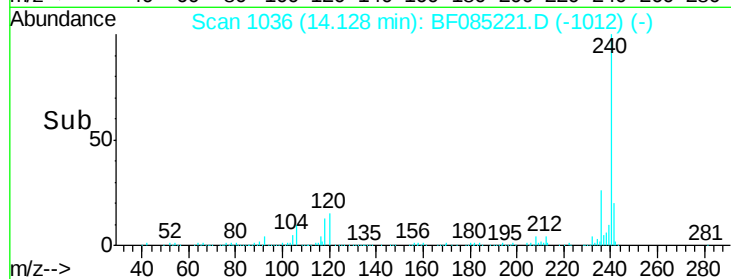
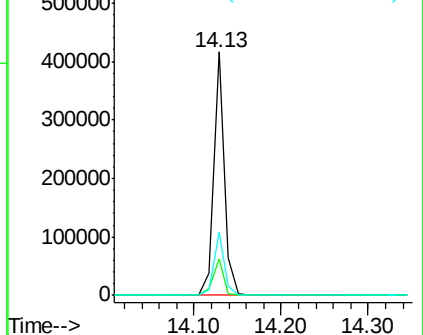
236 26.1 20.7 31.1



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: 88.73 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085221.D

Acq: 4 Mar 2016 23:53

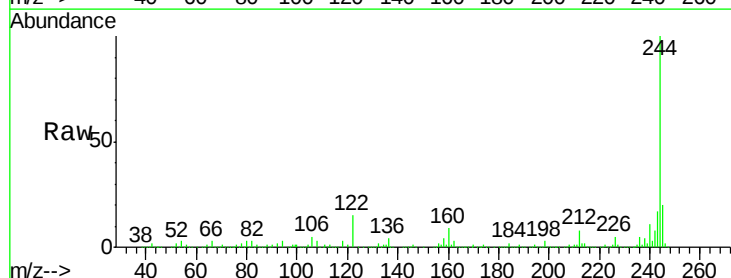
Tgt Ion:244 Resp: 1382602

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

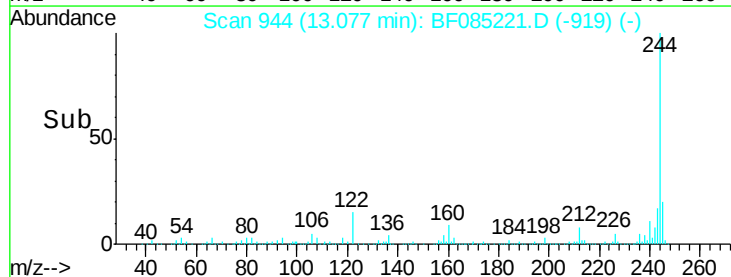
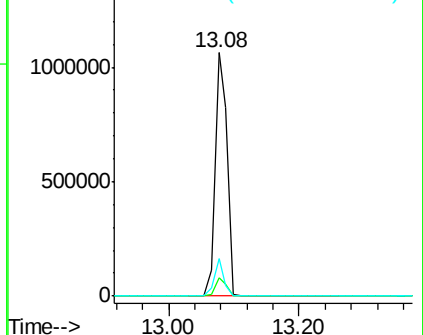
122 15.3 11.4 17.2

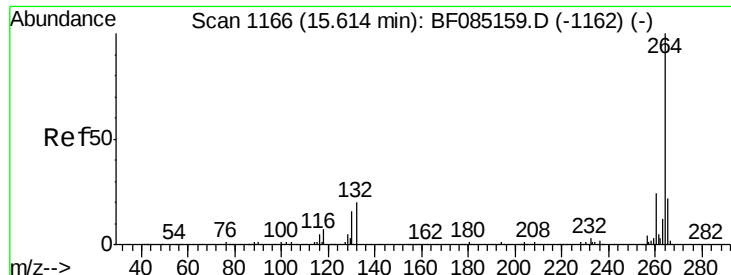


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085221.D
Acq: 4 Mar 2016 23:53

Instrument :
BNA_F
ClientSampleId :
ELP-8

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.1	17.3	25.9

