

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121515\
 Data File : BF083807.D
 Acq On : 15 Dec 2015 9:38
 Operator : UM/IZ
 Sample : G4761-04
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 10:38:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

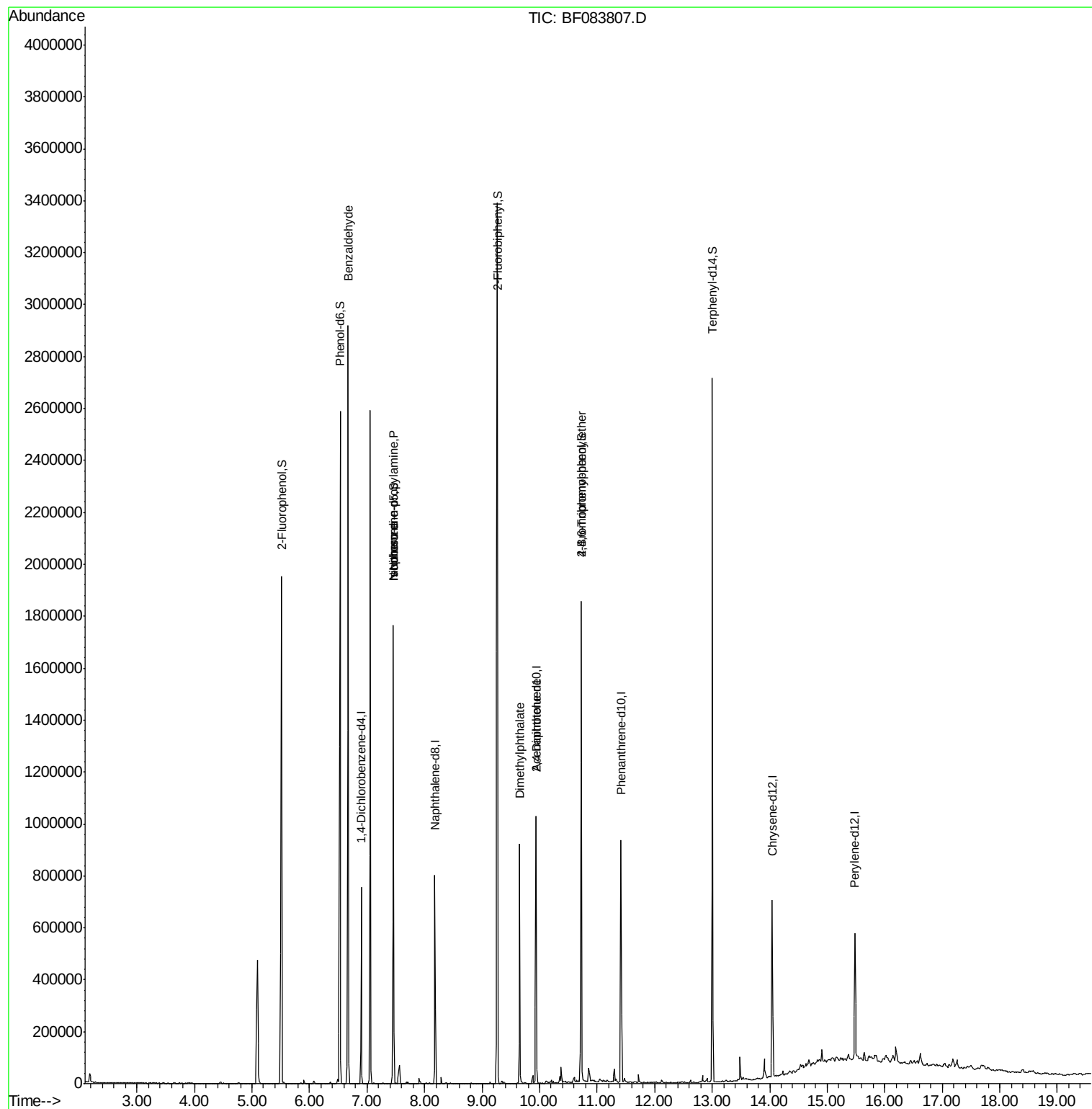
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	108246	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	398354	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	203714	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	337092	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	230481	20.00	ng	-0.03
86) Perylene-d12	15.48	264	222579	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	919170	136.99	ng	-0.01
7) Phenol-d6	6.53	99	1046068	123.11	ng	-0.01
23) Nitrobenzene-d5	7.46	82	622675	87.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	298402	143.75	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1201925	87.10	ng	-0.02
78) Terphenyl-d14	13.00	244	818078	76.35	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	20519	4.50	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.46	70	85728	16.48	ng	# 70
25) Isophorone	7.46	82	615825	44.08	ng	# 69
49) Dimethylphthalate	9.65	163	348412	21.94	ng	99
56) 2,4-Dinitrotoluene	9.94	165	26070	5.92	ng	# 13
66) 4-Bromophenyl-phenylether	10.73	248	21217	5.63	ng	# 1

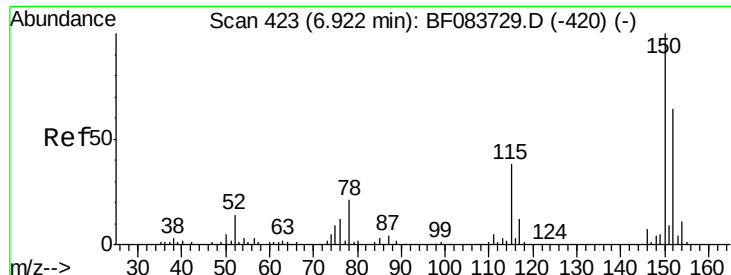
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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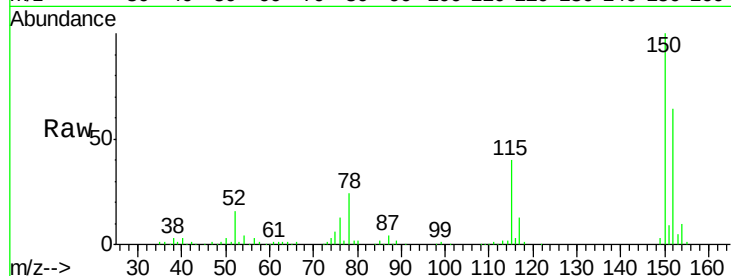


#1

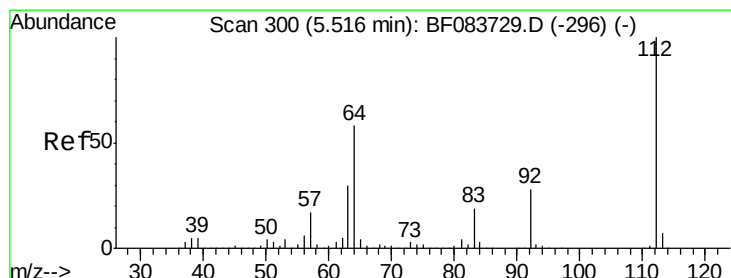
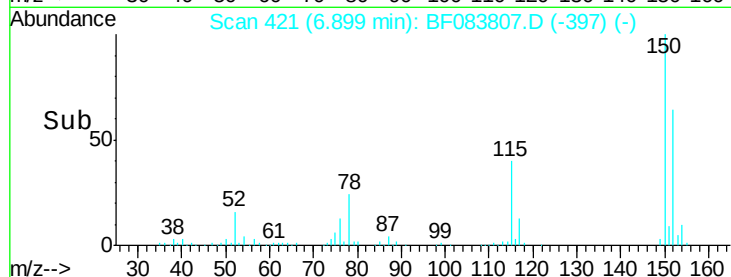
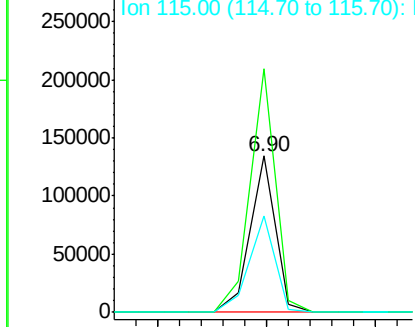
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083807.D
Acq: 15 Dec 2015 9:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 108246
Ion Ratio Lower Upper
152 100
150 156.0 126.5 189.7
115 62.1 52.3 78.5



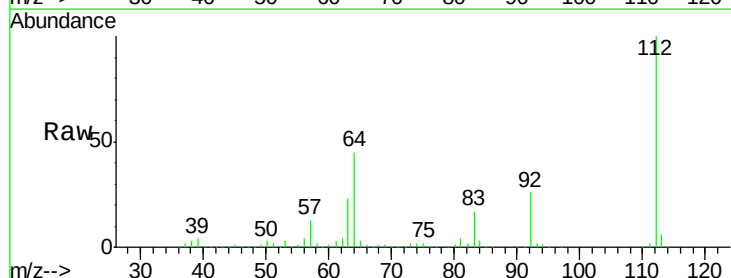
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



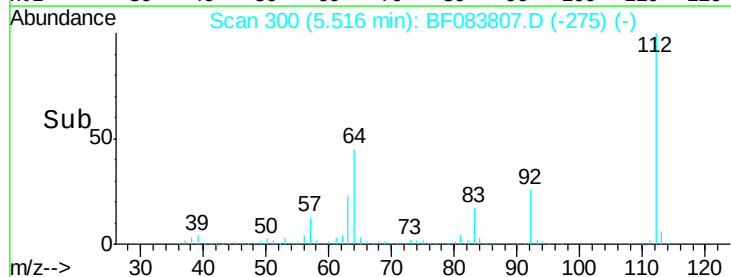
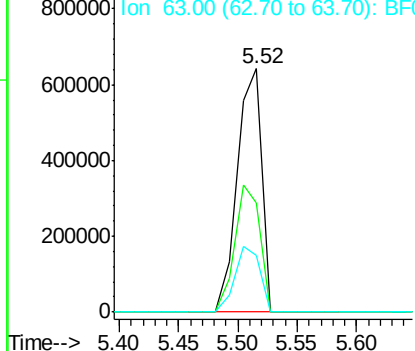
#5

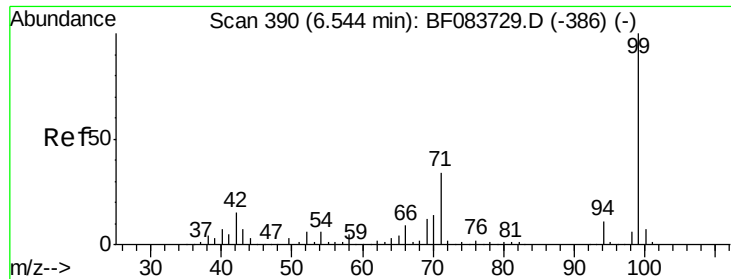
2-Fluorophenol
Concen: 136.99 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083807.D
Acq: 15 Dec 2015 9:38

Tgt Ion:112 Resp: 919170
Ion Ratio Lower Upper
112 100
64 45.0 50.5 75.7#
63 23.4 25.8 38.6#



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: 123.11 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083807.D

Acq: 15 Dec 2015 9:38

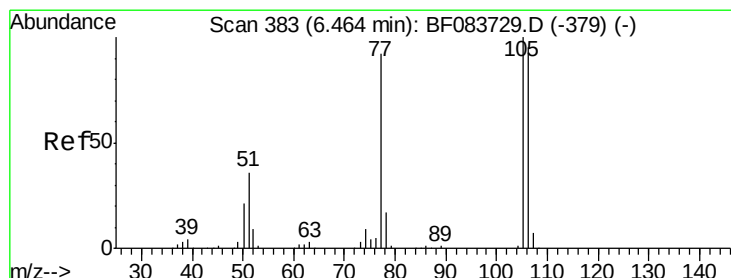
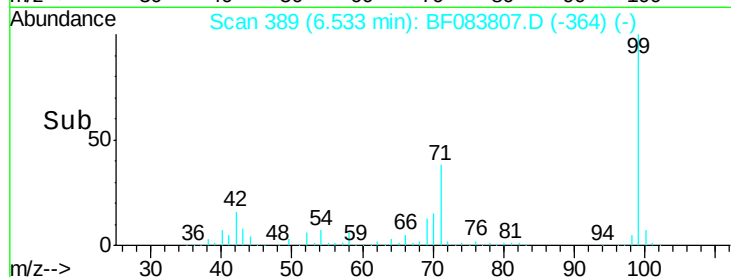
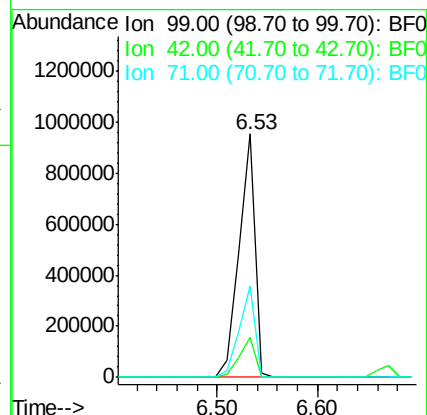
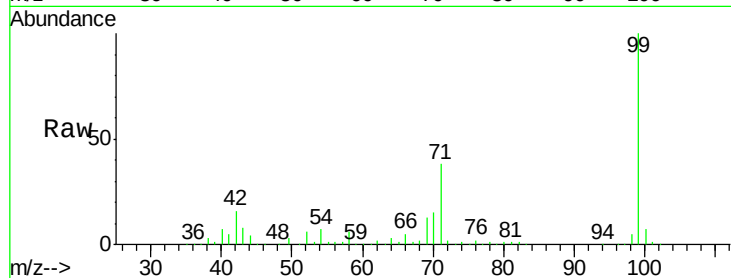
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1046068

Ion	Ratio	Lower	Upper
99	100		
42	16.3	17.3	25.9#
71	37.5	26.6	40.0



#9

Benzaldehyde

Concen: 4.50 ng

RT: 6.67 min Scan# 401

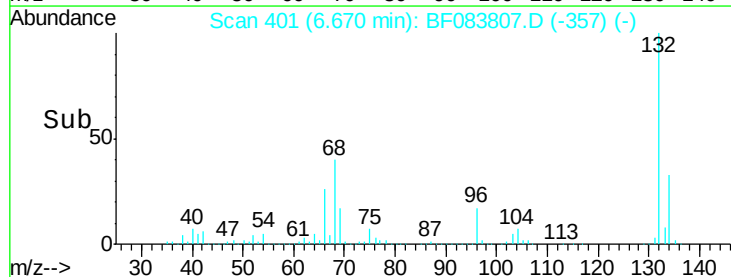
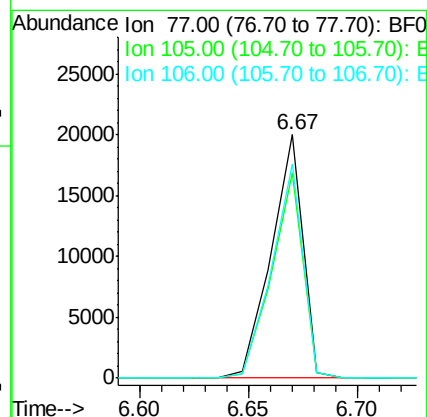
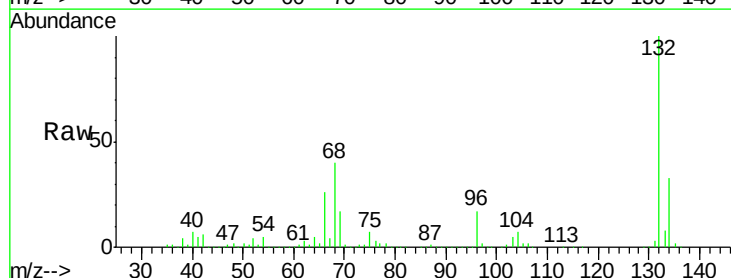
Delta R.T. 0.21 min

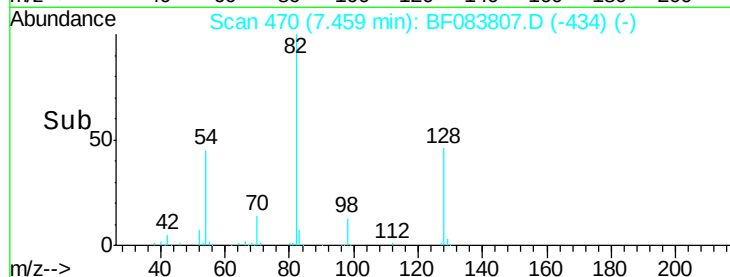
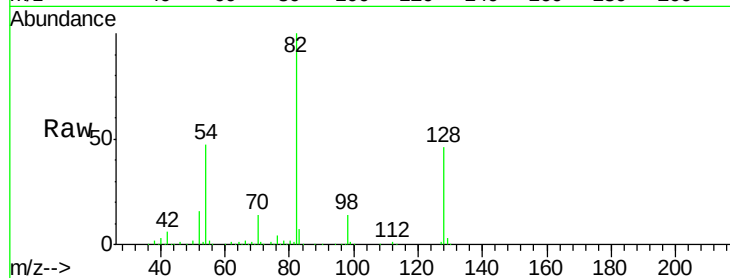
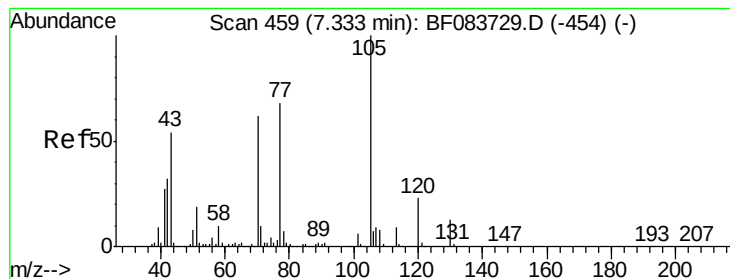
Lab File: BF083807.D

Acq: 15 Dec 2015 9:38

Tgt Ion: 77 Resp: 20519

Ion	Ratio	Lower	Upper
77	100		
105	84.5	71.8	111.8
106	88.0	66.8	106.8





#19

n-Nitroso-di-n-propylamine

Concen: 16.48 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.11 min

Lab File: BF083807.D

Acq: 15 Dec 2015 9:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 85728

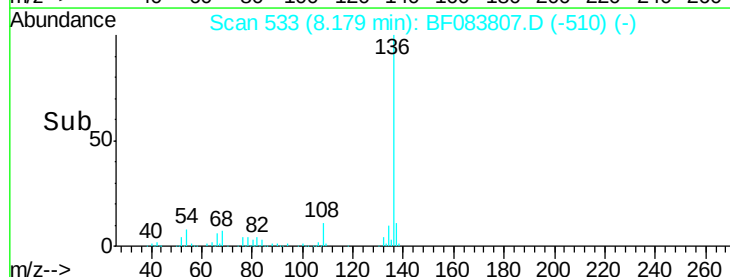
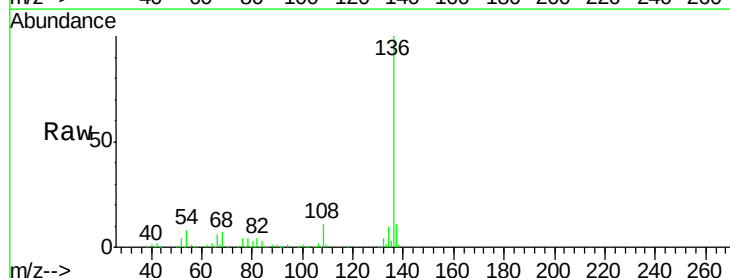
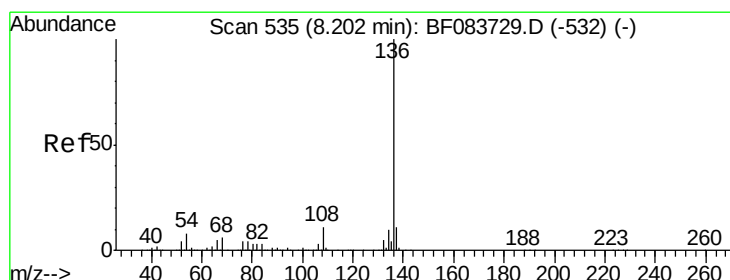
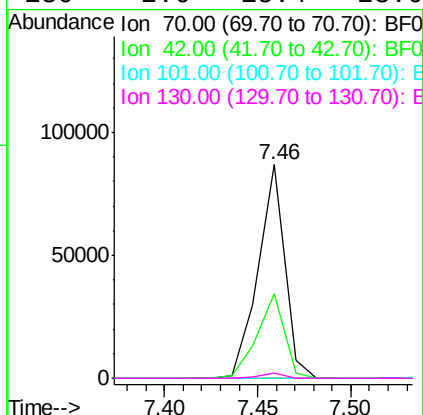
Ion Ratio Lower Upper

70 100

42 39.5 49.2 73.8#

101 0.0 7.1 10.7#

130 2.6 15.4 23.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF083807.D

Acq: 15 Dec 2015 9:38

Tgt Ion: 136 Resp: 398354

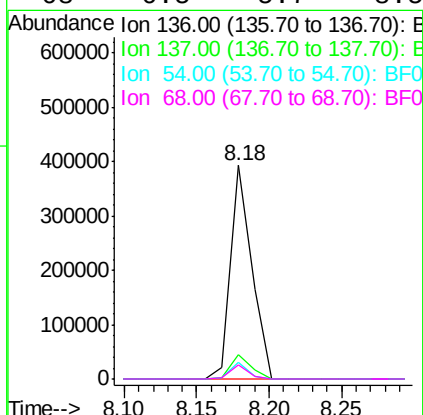
Ion Ratio Lower Upper

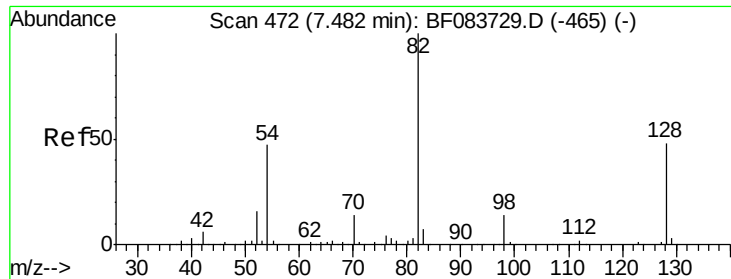
136 100

137 11.3 8.7 13.1

54 8.1 7.8 11.6

68 6.5 5.7 8.5

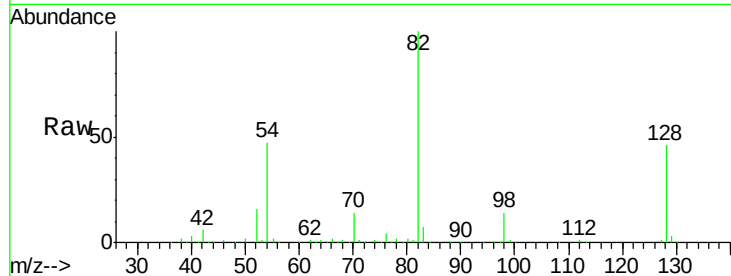




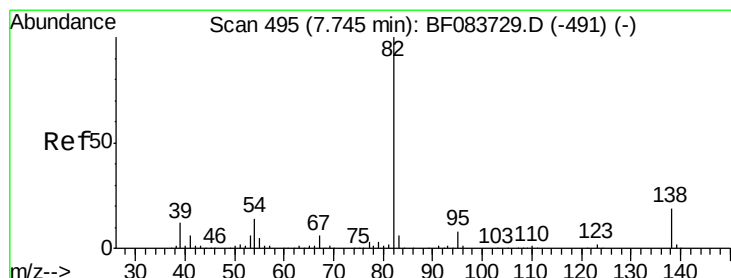
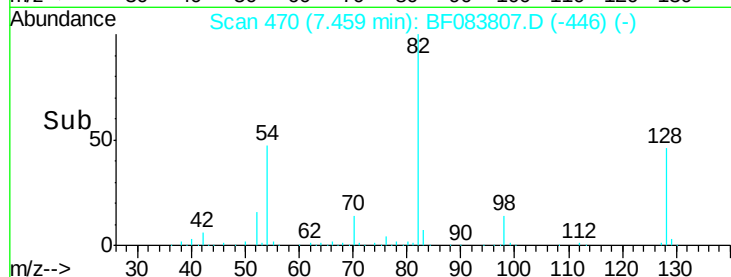
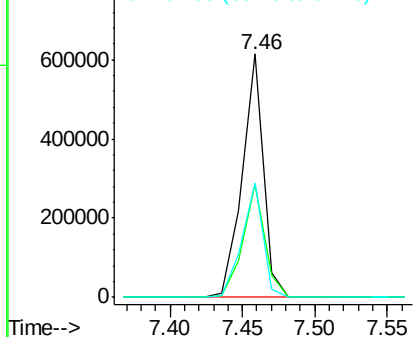
#23
Nitrobenzene-d5
Concen: 87.45 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083807.D
Acq: 15 Dec 2015 9:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	622675
Ion Ratio	100	Lower	Upper
128	46.3	30.7	46.1#
54	46.8	42.5	63.7

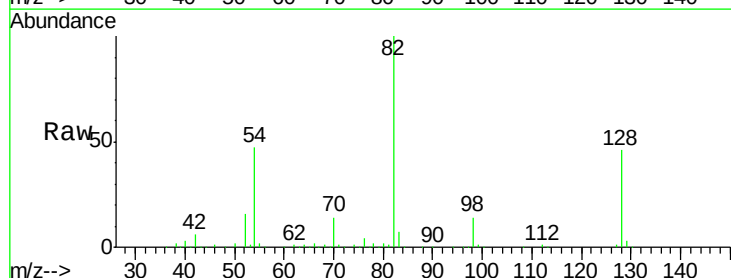


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

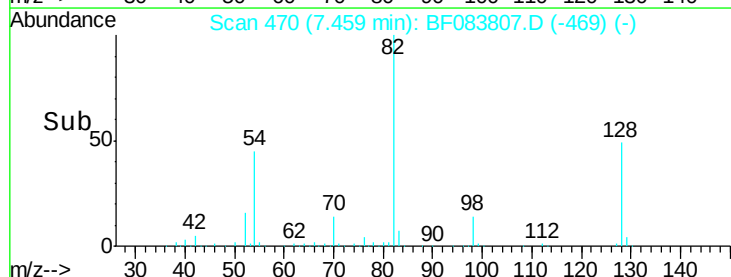
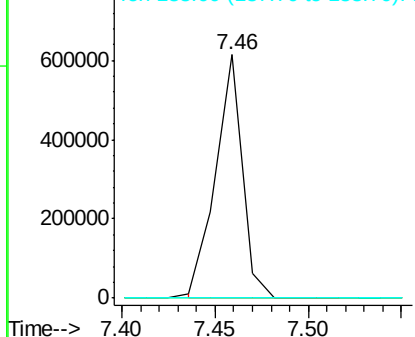


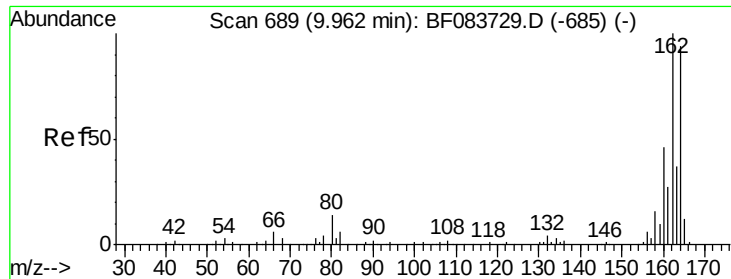
#25
Isophorone
Concen: 44.08 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.29 min
Lab File: BF083807.D
Acq: 15 Dec 2015 9:38

Tgt Ion	82	Resp	615825
Ion Ratio	100	Lower	Upper
95	0.0	5.0	7.4#
138	0.0	12.1	18.1#



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): BF0

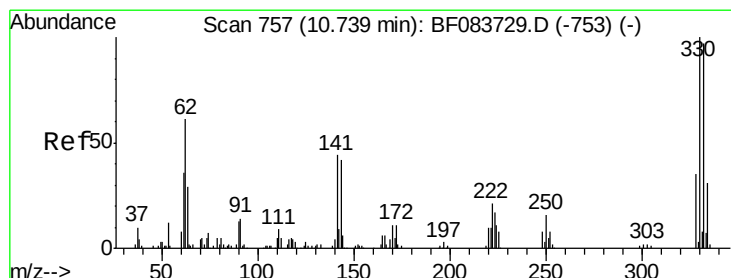
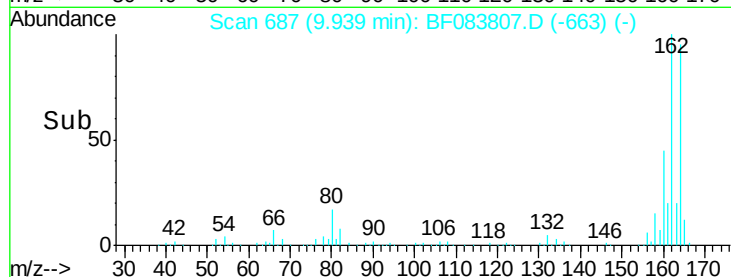
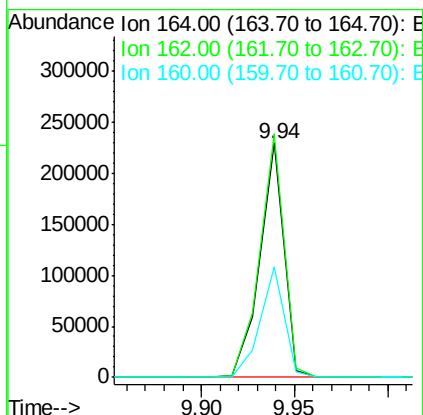
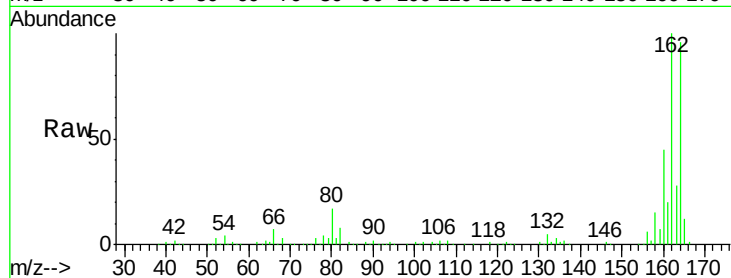




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF083807.D
 Acq: 15 Dec 2015 9:38

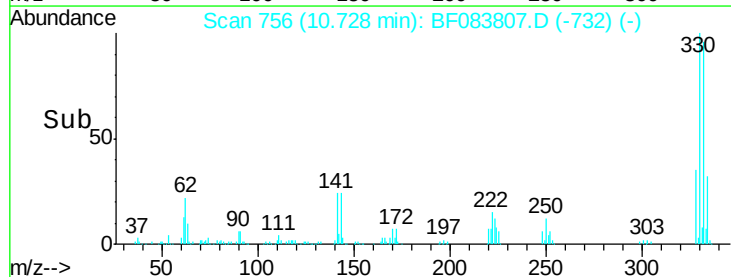
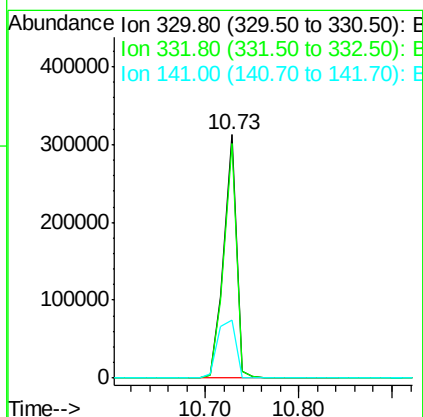
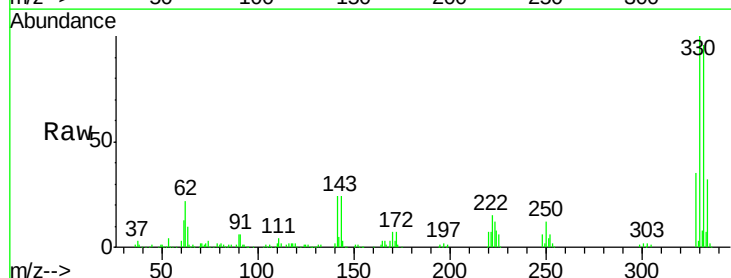
Instrument :
 BNA_F
 ClientSampleId :

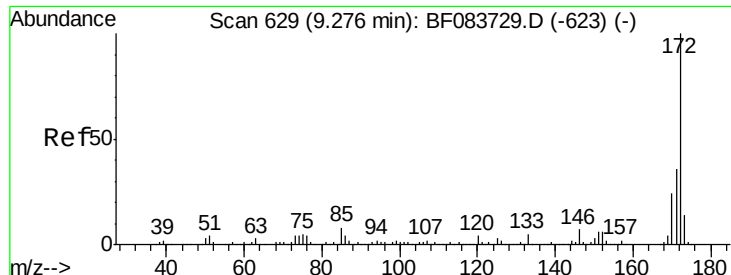
Tot Ion:164 Resp: 203714
 Ion Ratio Lower Upper
 164 100
 162 103.9 78.8 118.2
 160 47.0 33.4 50.2



#41
 2,4,6-Tribromophenol
 Concen: 143.75 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083807.D
 Acq: 15 Dec 2015 9:38

Tgt Ion:330 Resp: 298402
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 34.2 0.0 0.0#

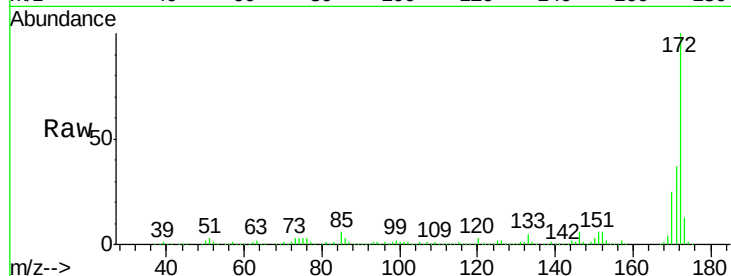




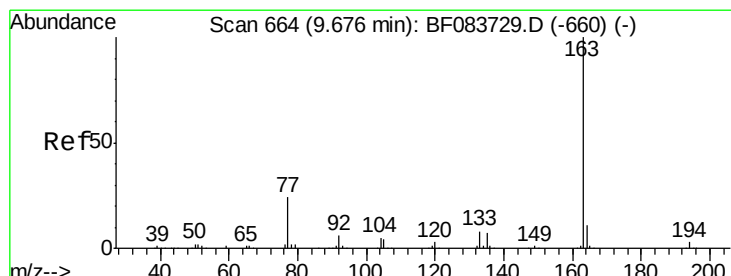
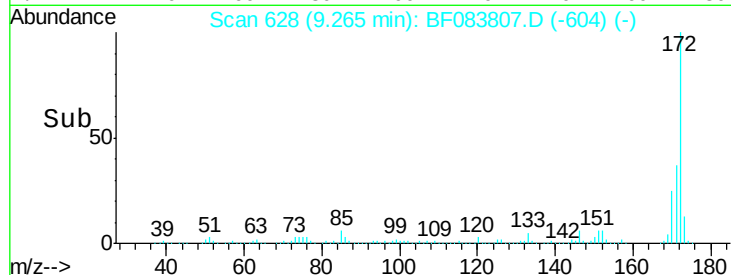
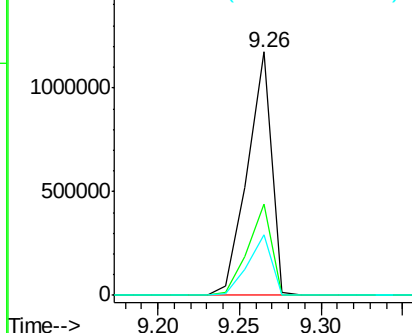
#44
 2-Fluorobiphenyl
 Concen: 87.10 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083807.D
 Acq: 15 Dec 2015 9:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1201925
 Ion Ratio Lower Upper
 172 100
 171 37.5 28.6 42.8
 170 25.1 19.4 29.0

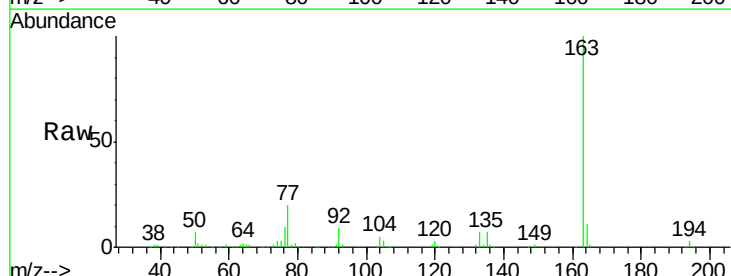


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

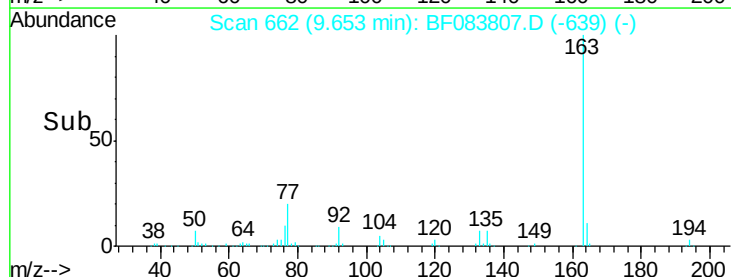
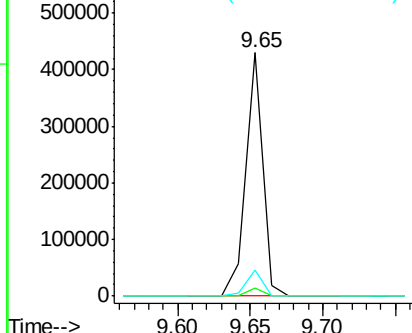


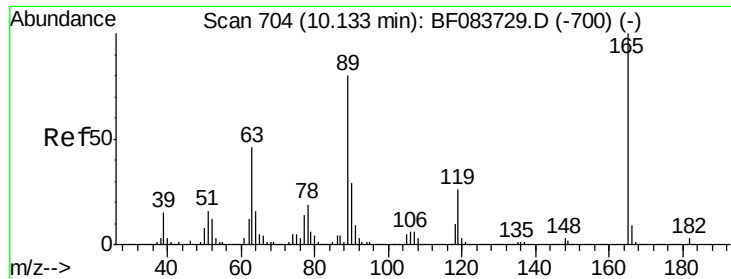
#49
 Dimethylphthalate
 Concen: 21.94 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.03 min
 Lab File: BF083807.D
 Acq: 15 Dec 2015 9:38

Tgt Ion:163 Resp: 348412
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.8 4.2
 164 10.5 8.6 13.0



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: 5.92 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.21 min

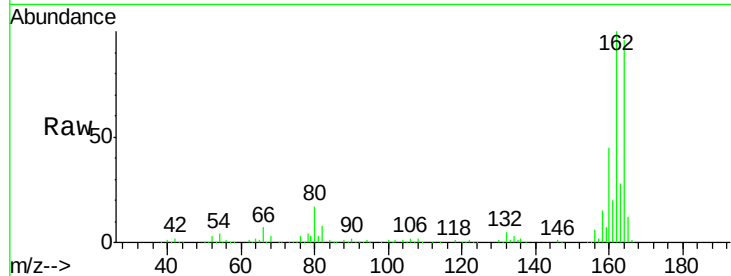
Lab File: BF083807.D

Acq: 15 Dec 2015 9:38

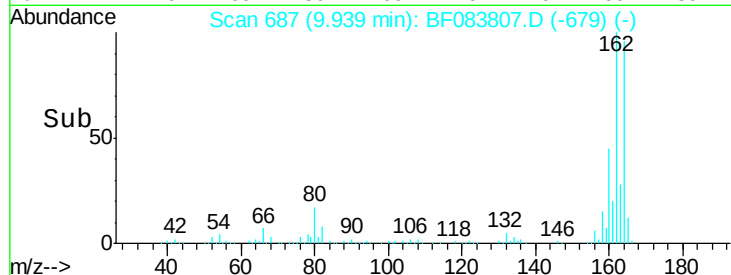
Instrument :

BNA_F

ClientSampleId :



Tot Ion:165	Resp:	26070
Ion Ratio	Lower	Upper
165	100	
63	1.2	51.4 77.2#
89	1.8	72.6 108.8#
182	0.0	1.4 2.0#

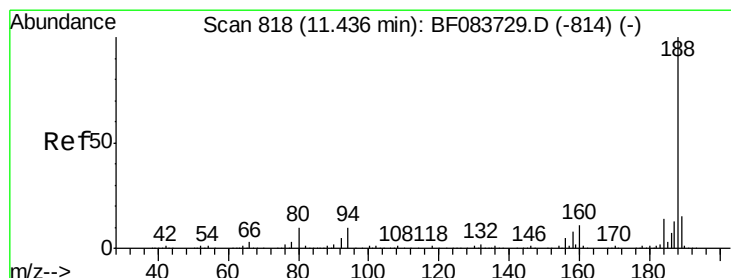
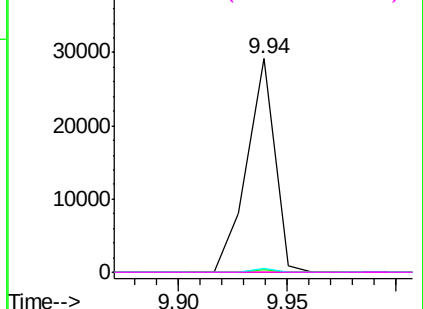


Abundance Ion 165.00 (164.70 to 165.70): E

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

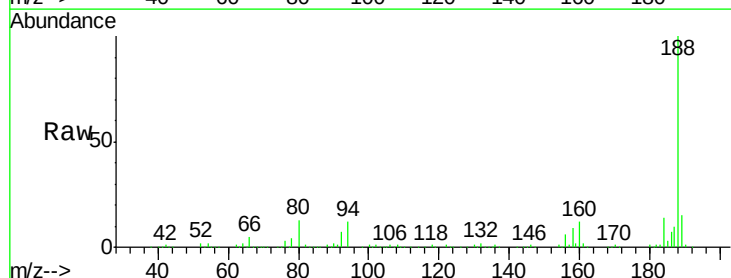
RT: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF083807.D

Acq: 15 Dec 2015 9:38

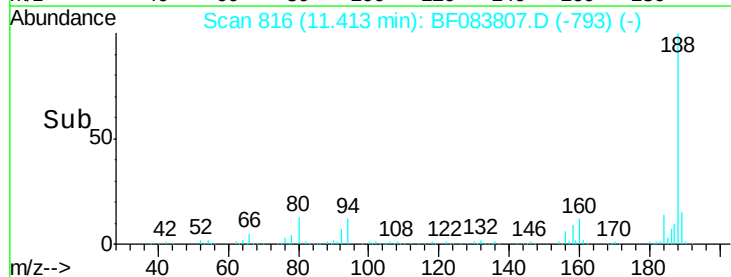
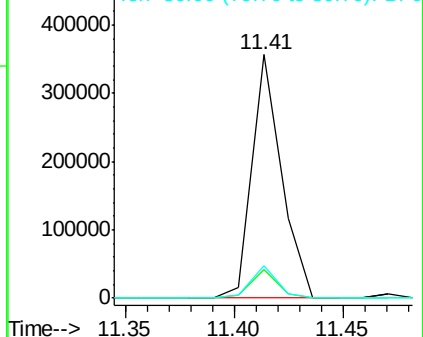
Tgt Ion:188	Resp:	337092
Ion Ratio	Lower	Upper
188	100	
94	12.0	9.4 14.2
80	13.4	10.6 16.0

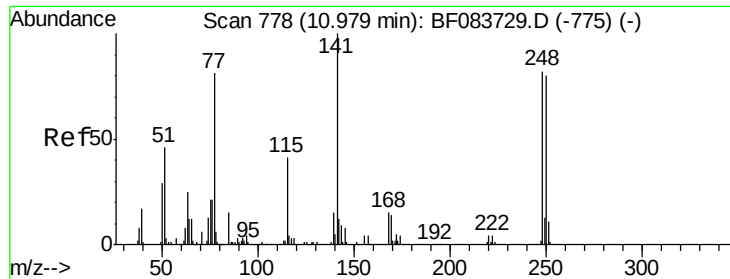


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

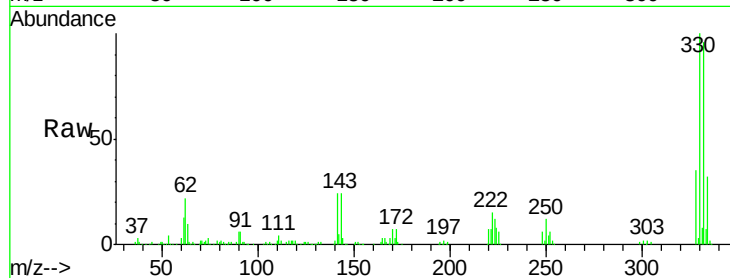




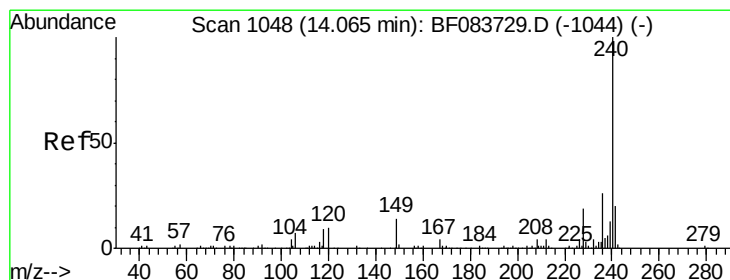
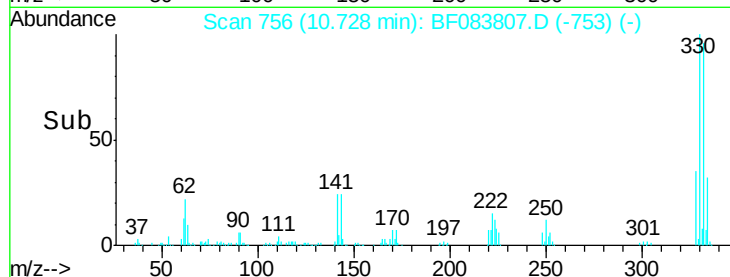
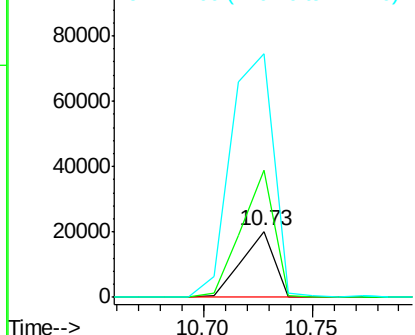
#66
4-Bromophenyl-phenylether
Concen: 5.63 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.26 min
Lab File: BF083807.D
Acq: 15 Dec 2015 9:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 21217
Ion Ratio Lower Upper
248 100
250 193.2 79.2 118.8#
141 368.1 58.2 87.4#

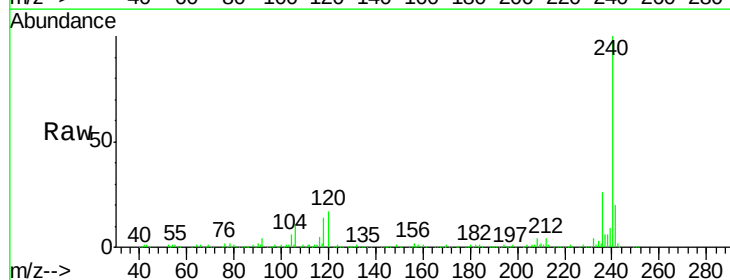


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

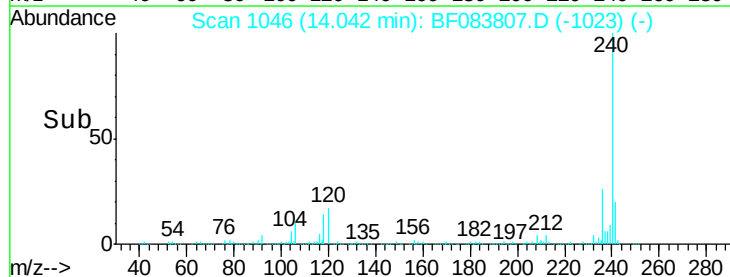
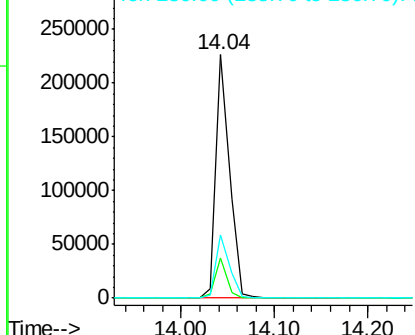


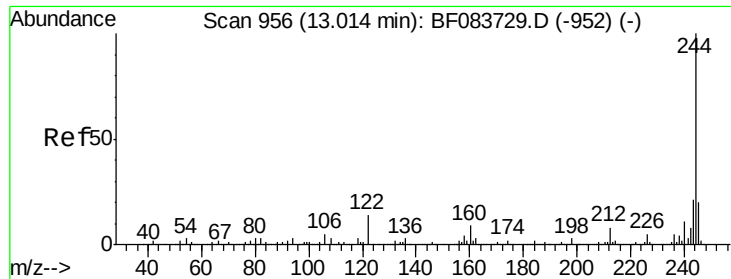
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF083807.D
Acq: 15 Dec 2015 9:38

Tgt Ion:240 Resp: 230481
Ion Ratio Lower Upper
240 100
120 16.5 8.1 12.1#
236 26.0 20.8 31.2



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

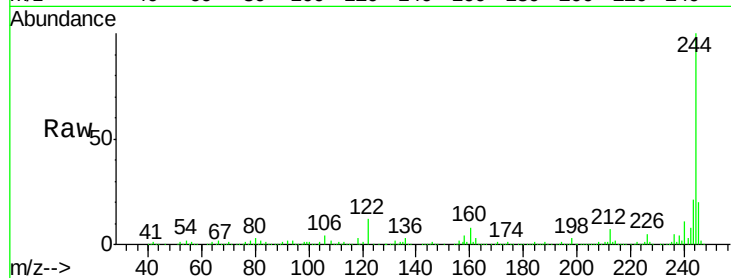




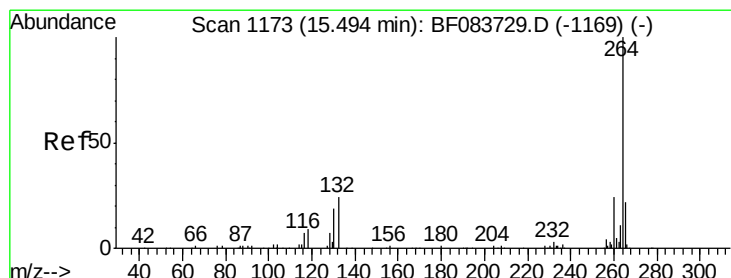
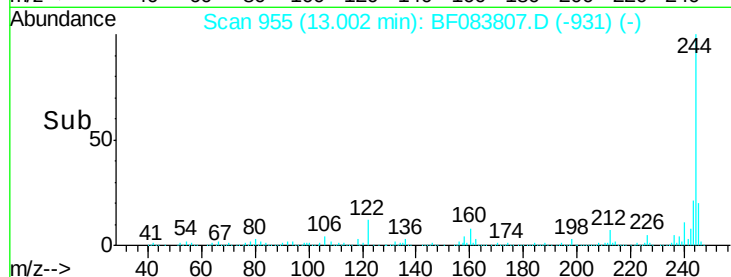
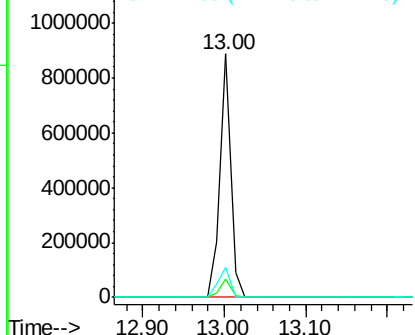
#78
 Terphenyl-d14
 Concen: 76.35 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083807.D
 Acq: 15 Dec 2015 9:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 818078
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 12.4 11.0 16.6

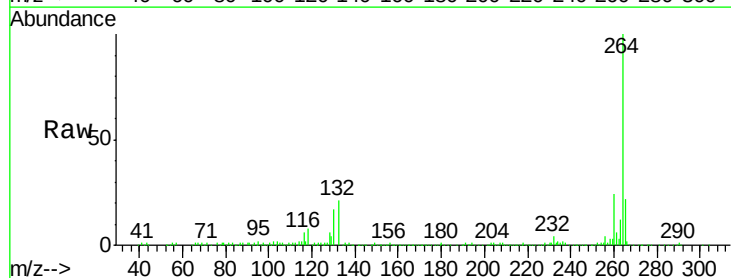


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083807.D
 Acq: 15 Dec 2015 9:38

Tgt Ion:264 Resp: 222579
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.0
 265 22.0 17.8 26.6



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

