

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 :
 SOUTH-SIDEWALL

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

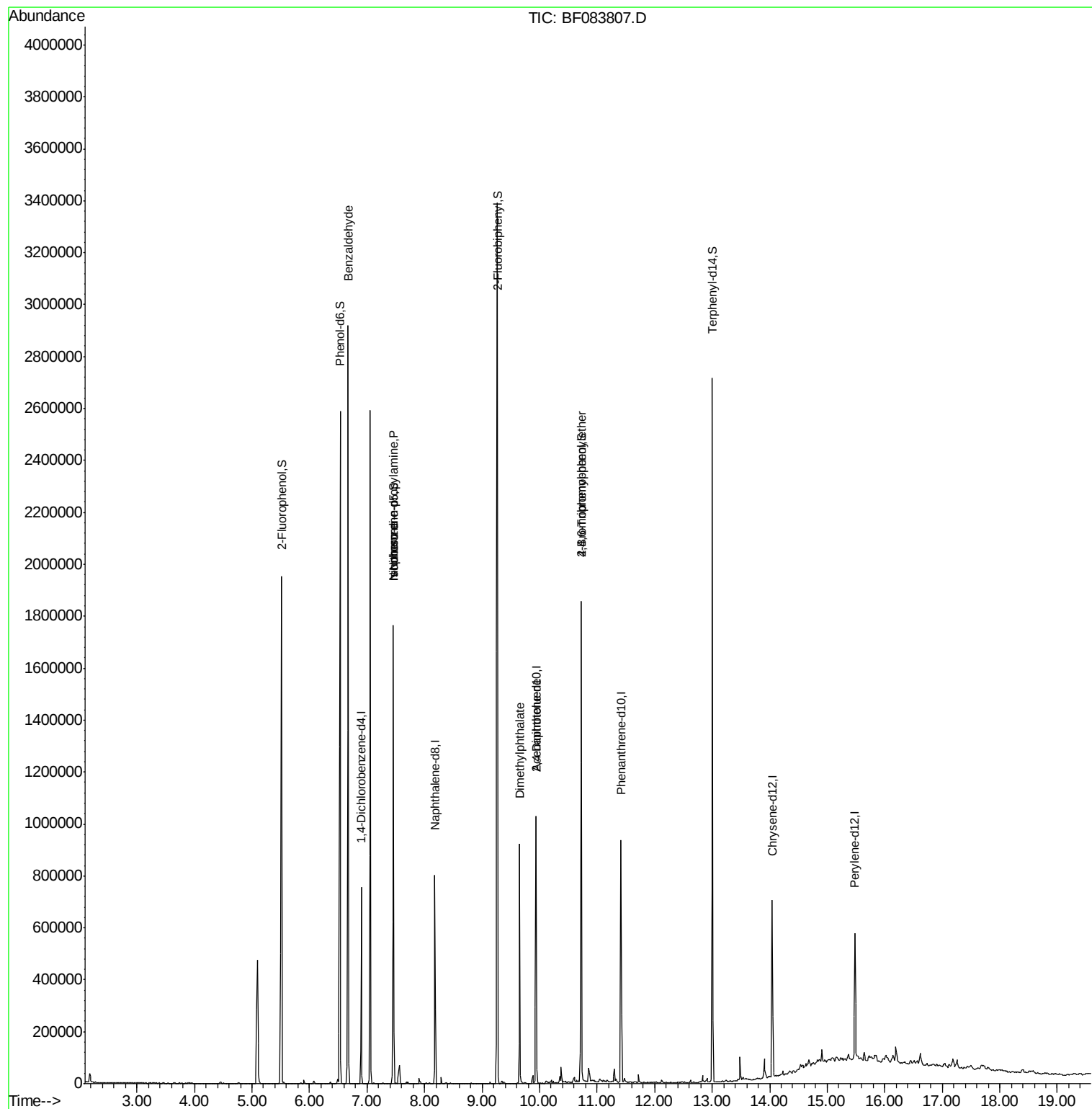
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	108246	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	398354	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	203714	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	337092	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	230481	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

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BNA_F

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SOUTH-SIDEWALL

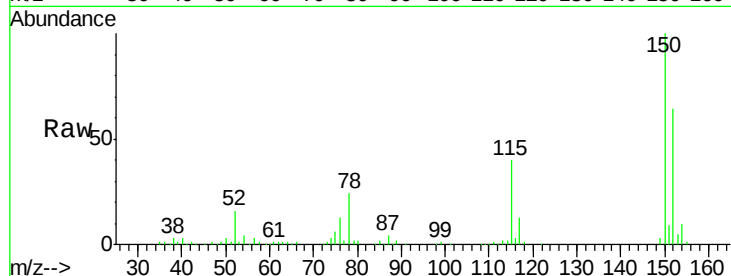
Tot Ion:152 Resp: 108246

Ion Ratio Lower Upper

152 100

150 156.0 126.5 189.7

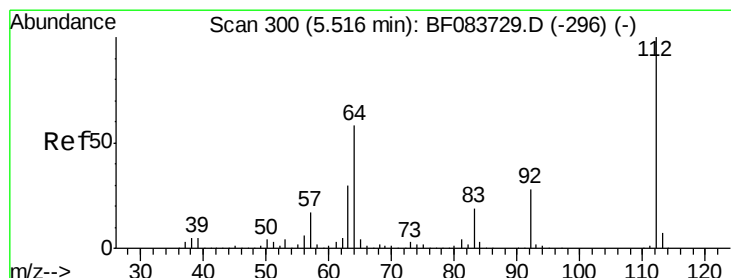
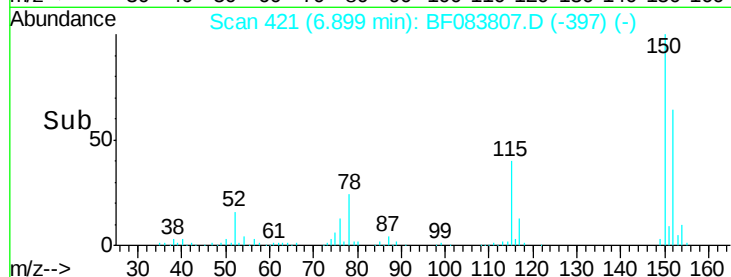
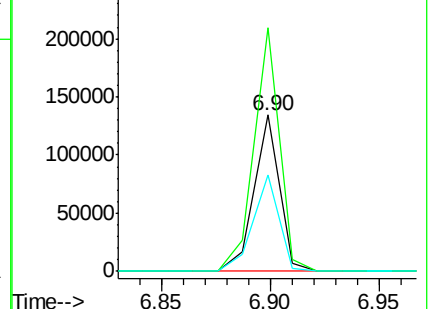
115 62.1 52.3 78.5



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

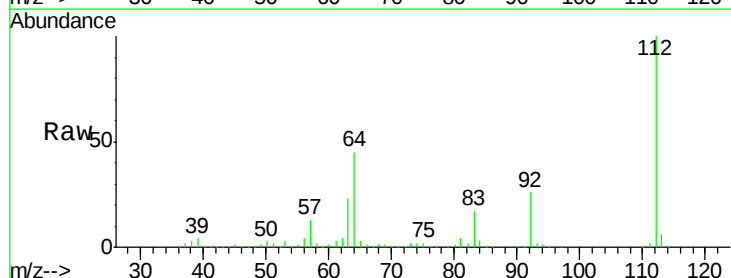
Tgt Ion:112 Resp: 919170

Ion Ratio Lower Upper

112 100

64 45.0 50.5 75.7#

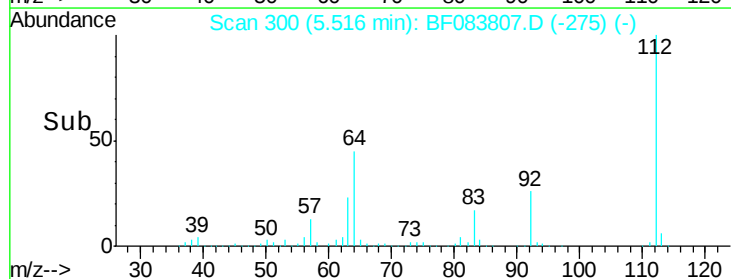
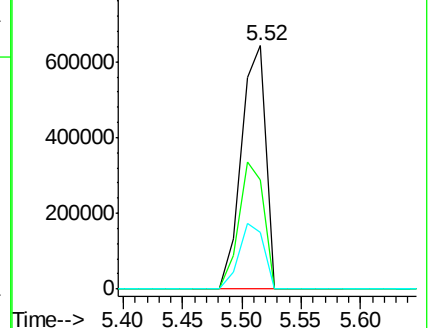
63 23.4 25.8 38.6#

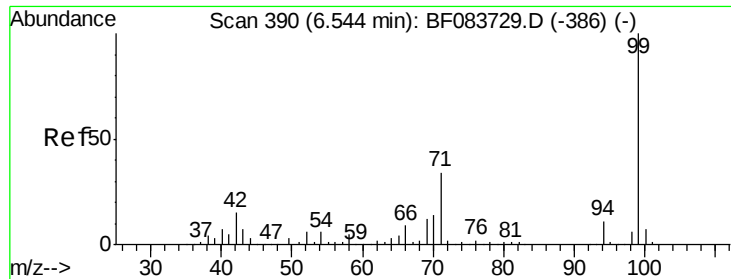


Abundance Ion 112.00 (111.70 to 112.70): E

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 :

SOUTH-SIDEWALL

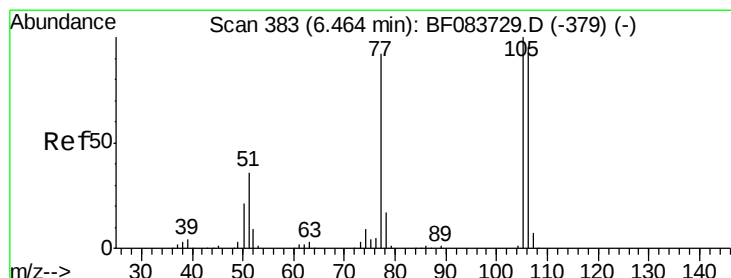
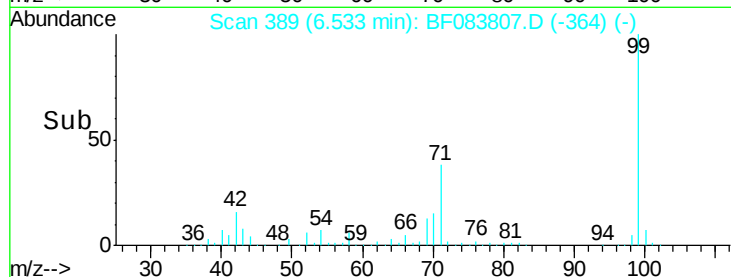
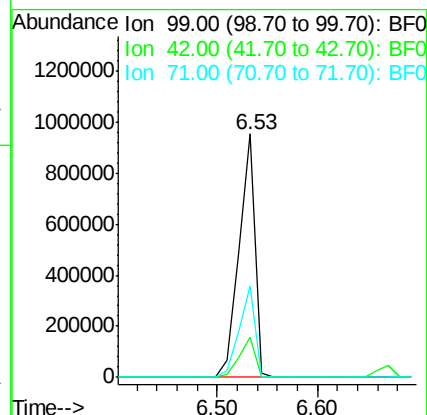
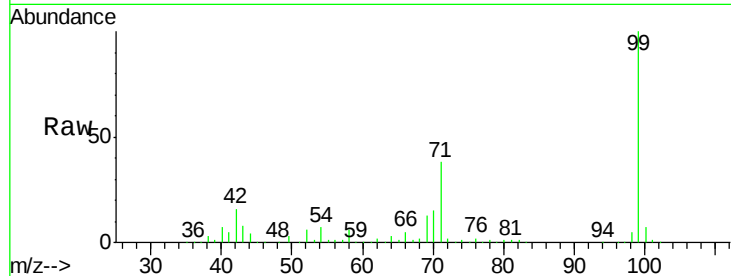
Tot Ion: 99 Resp: 1046068

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

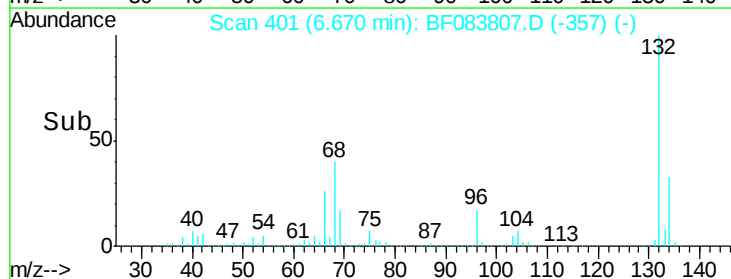
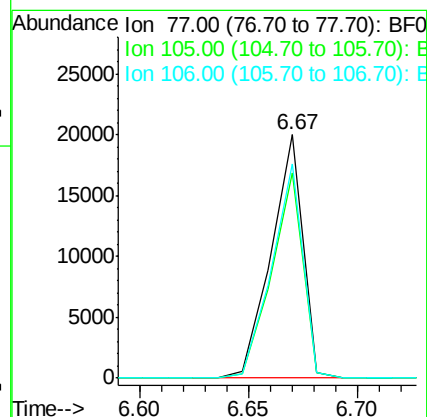
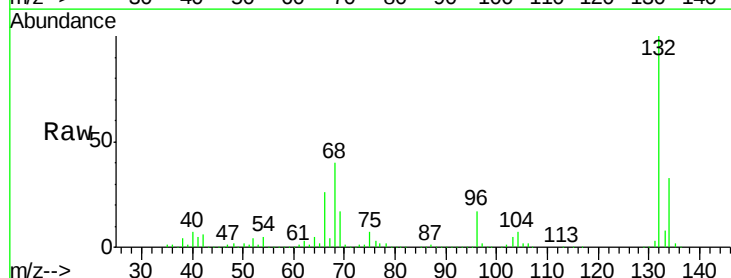
Tgt Ion: 77 Resp: 20519

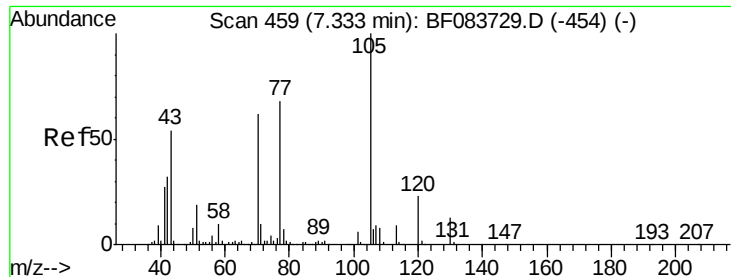
Ion Ratio Lower Upper

77 100

105 84.5 71.8 111.8

106 88.0 66.8 106.8

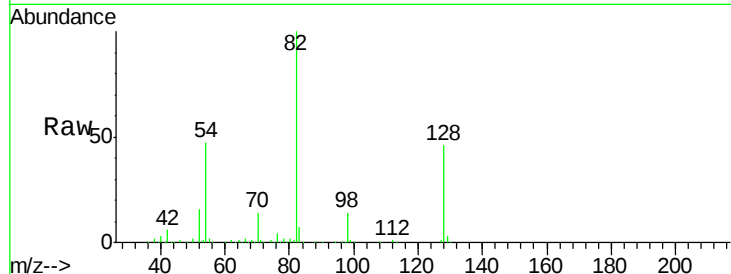




#19
n-Nitroso-di-n-propylamine
Concen: 16.48 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083807.D
Acq: 15 Dec 2015 9:38

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL

Tot 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#



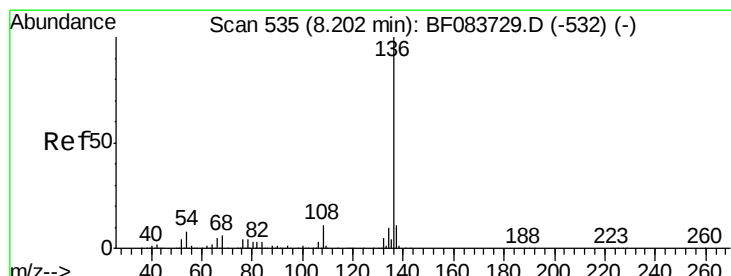
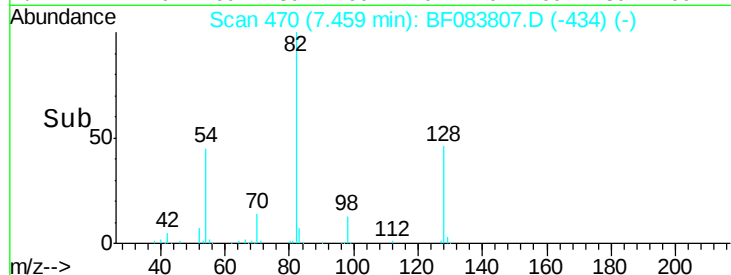
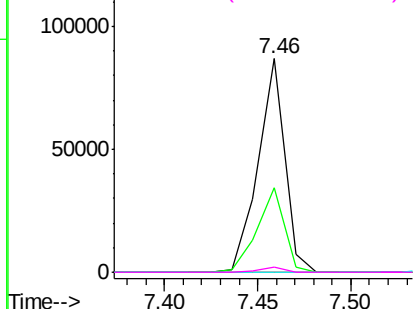
Abundance

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: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083807.D
Acq: 15 Dec 2015 9:38

Tgt 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

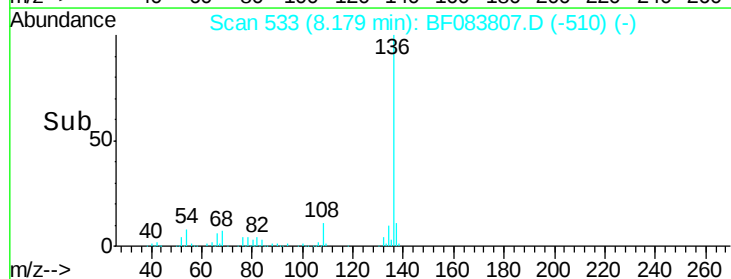
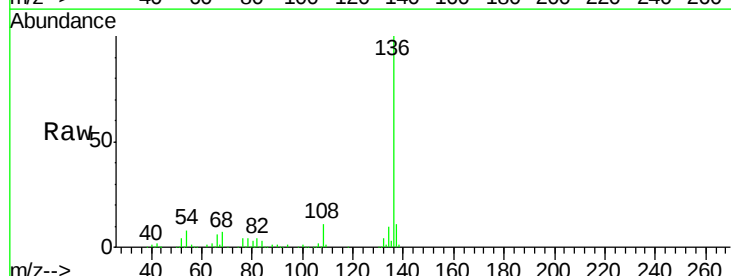
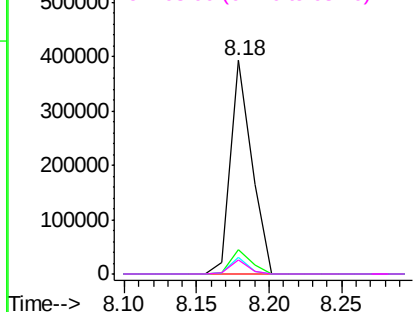
Abundance

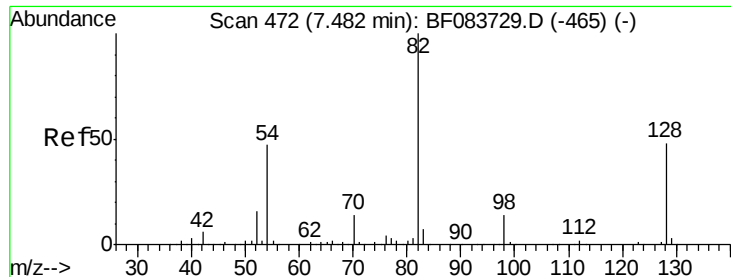
Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

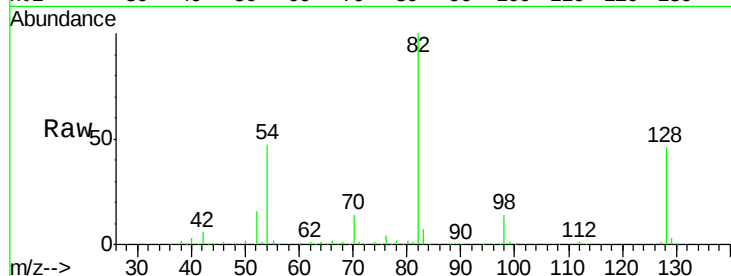




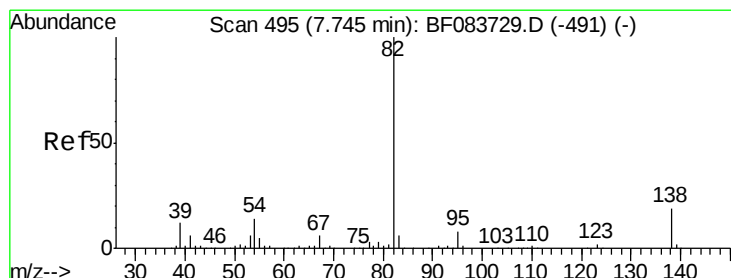
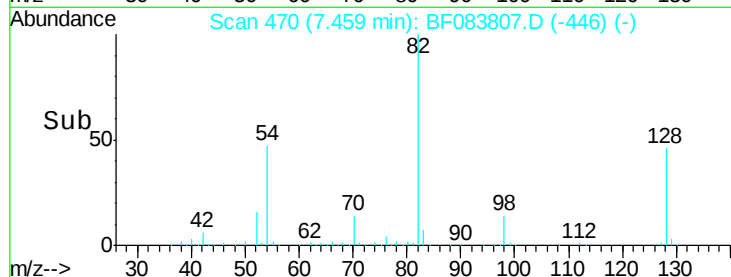
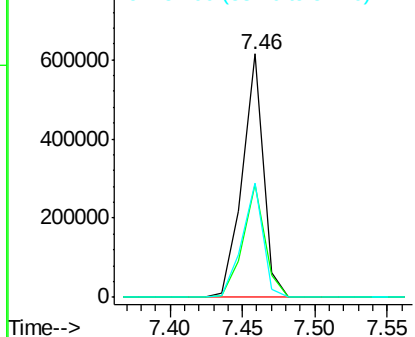
#23
 Nitrobenzene-d5
 Concen: 87.45 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083807.D
 Acq: 15 Dec 2015 9:38

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL

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

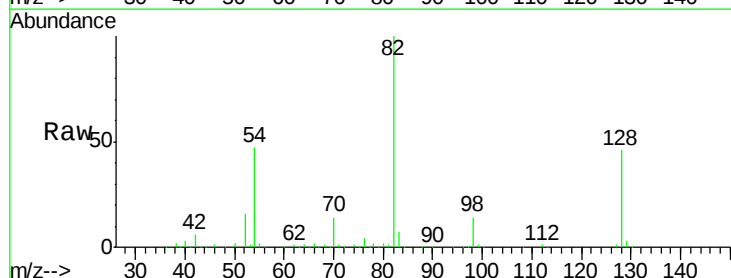


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

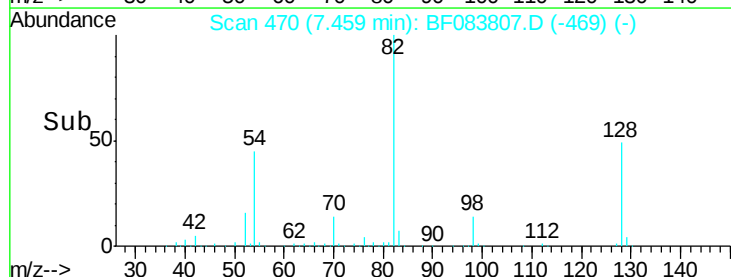
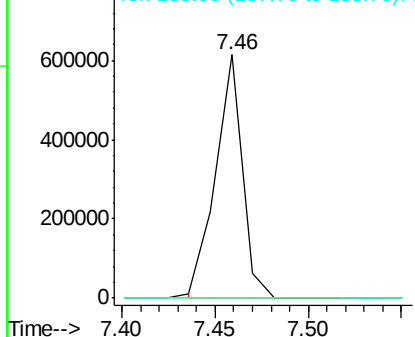


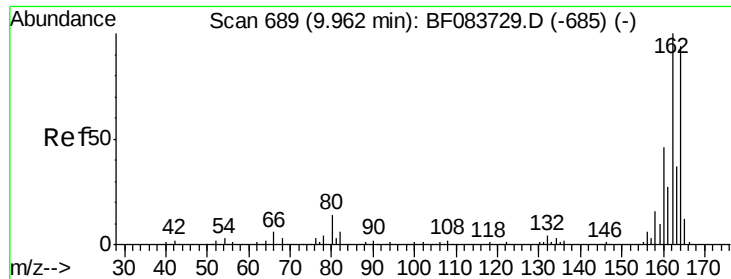
#25
 Isophorone
 Concen: 44.08 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.29 min
 Lab File: BF083807.D
 Acq: 15 Dec 2015 9:38

Tgt Ion	82	Resp	615825
Ion Ratio	100	Lower	Upper
82	100		
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 :

SOUTH-SIDEWALL

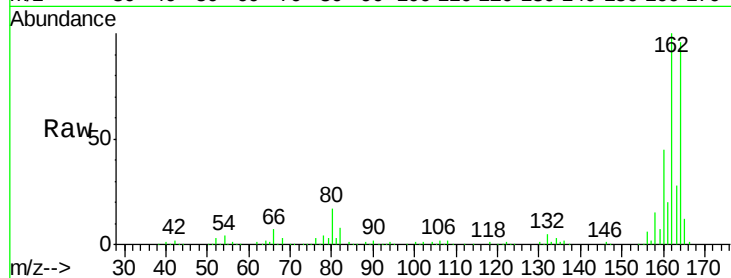
Tot Ion:164 Resp: 203714

Ion Ratio Lower Upper

164 100

162 103.9 78.8 118.2

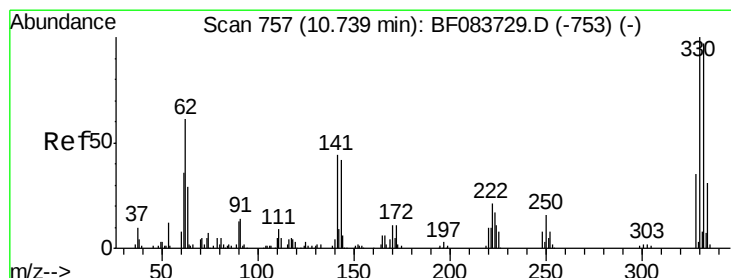
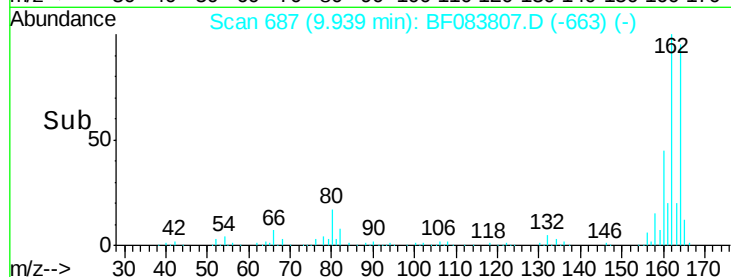
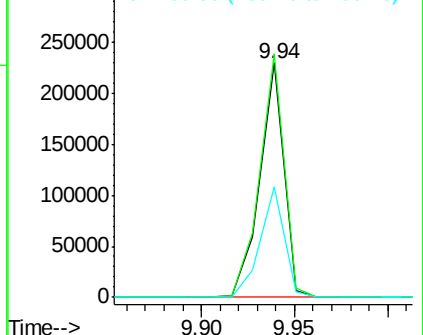
160 47.0 33.4 50.2



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: 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

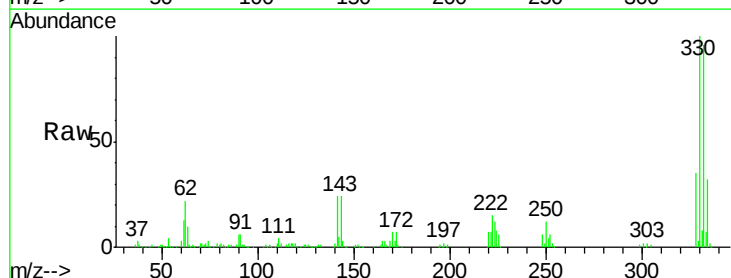
Tgt Ion:330 Resp: 298402

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

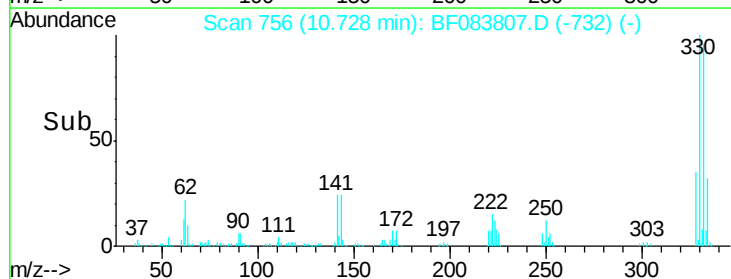
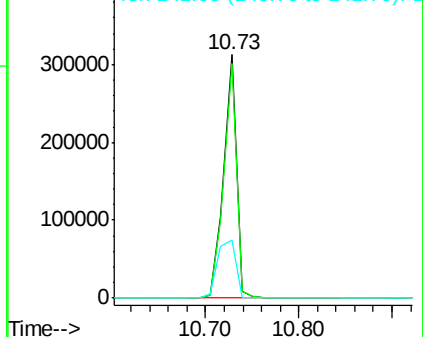
141 34.2 0.0 0.0#

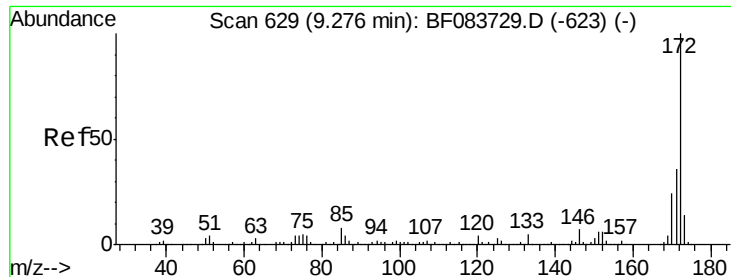


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

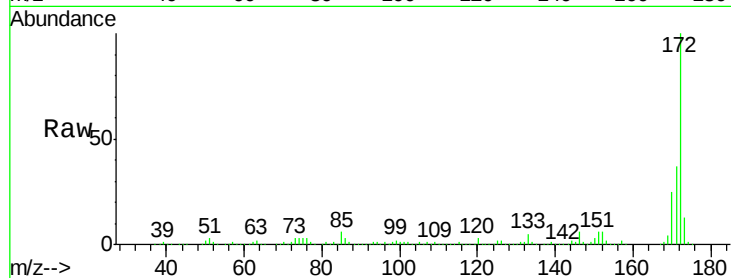




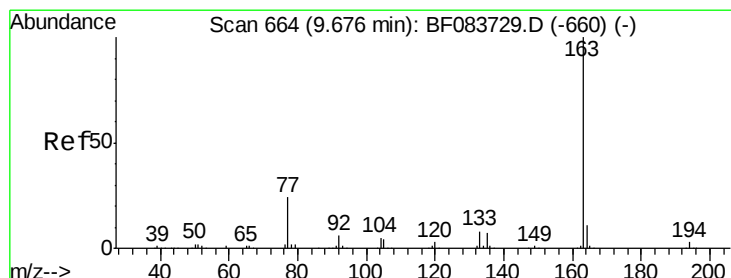
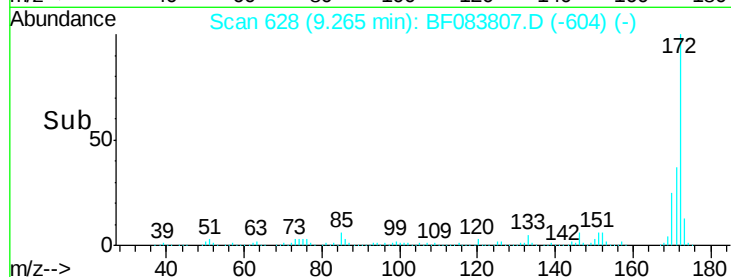
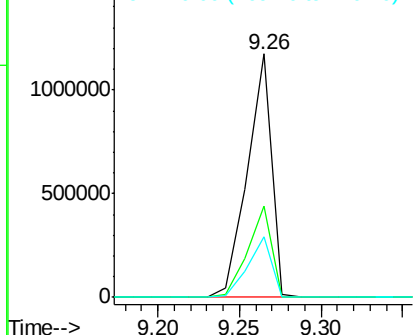
#44
2-Fluorobiphenyl
Concen: 87.10 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.02 min
Lab File: BF083807.D
Acq: 15 Dec 2015 9:38

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL

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

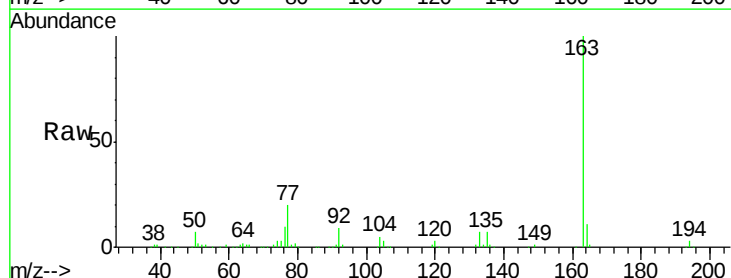


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

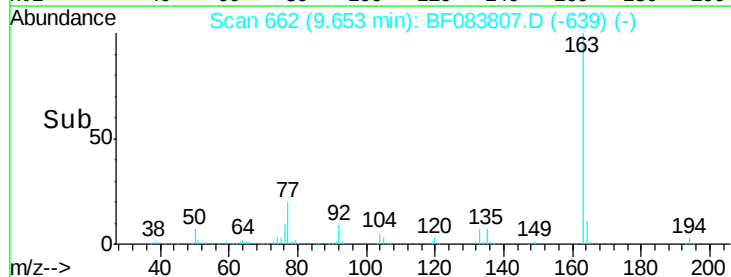
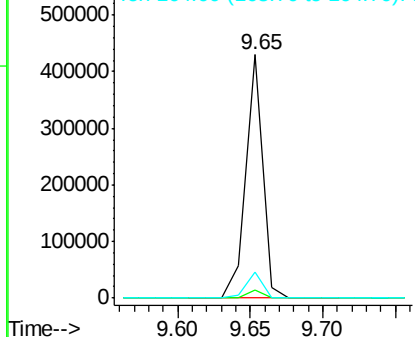


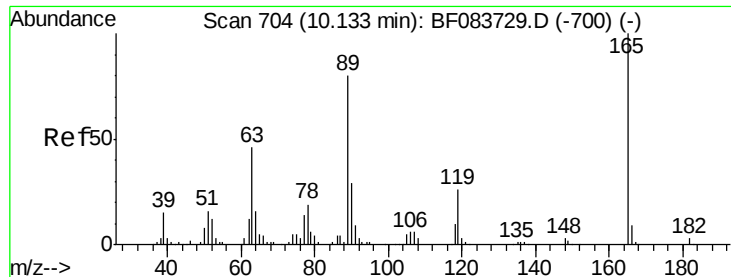
#49
Dimethylphthalate
Concen: 21.94 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF083807.D
Acq: 15 Dec 2015 9:38

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

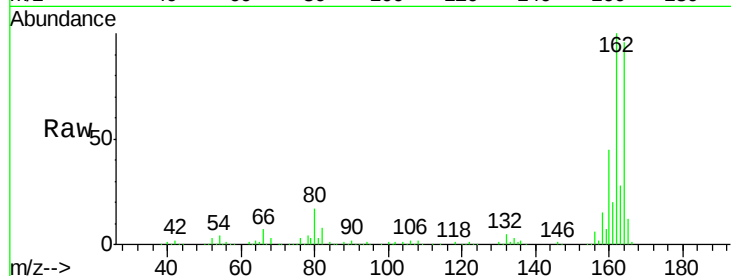




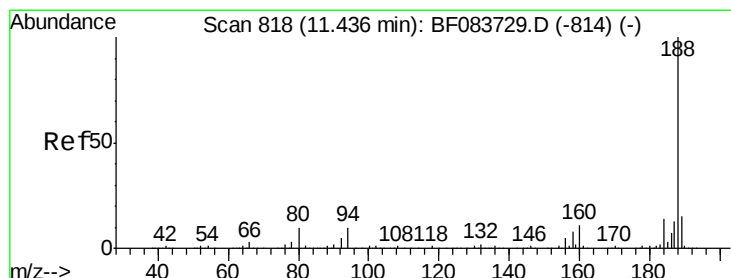
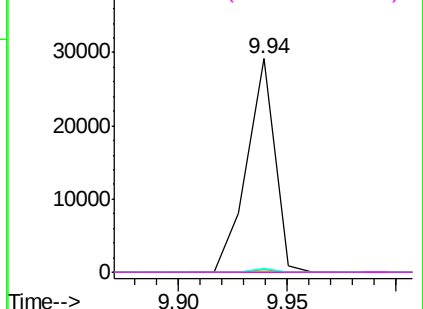
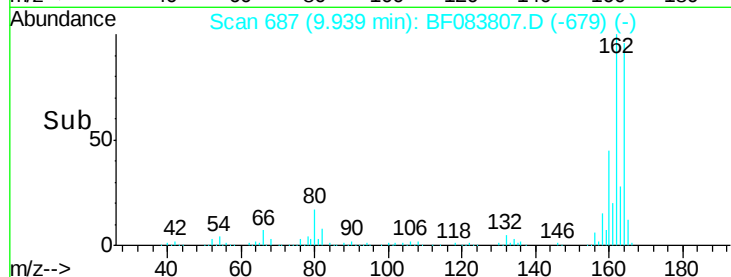
#56
 2,4-Dinitrotoluene
 Concen: 5.92 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.21 min
 Lab File: BF083807.D
 Acq: 15 Dec 2015 9:38

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL

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#

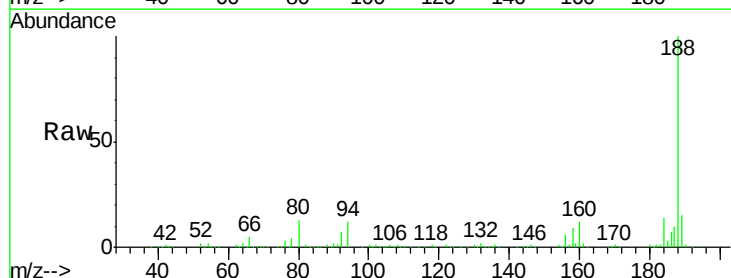


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

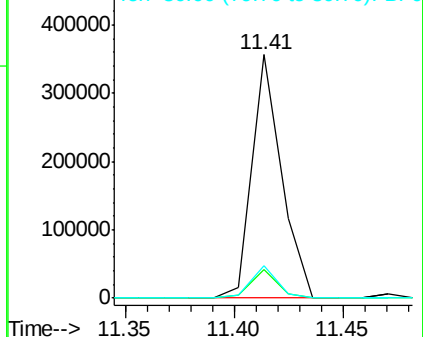
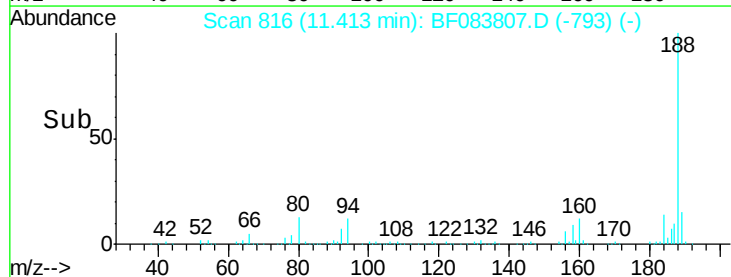


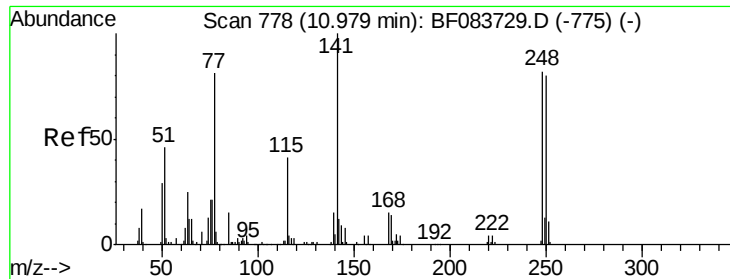
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF083807.D
 Acq: 15 Dec 2015 9:38

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

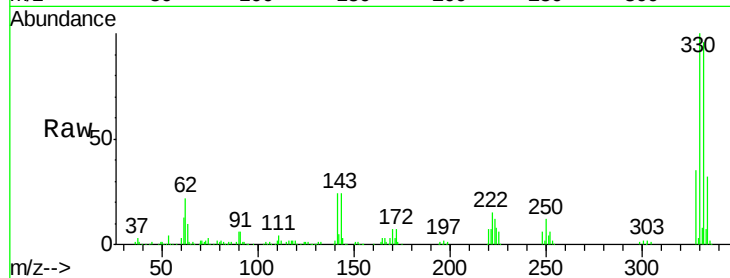




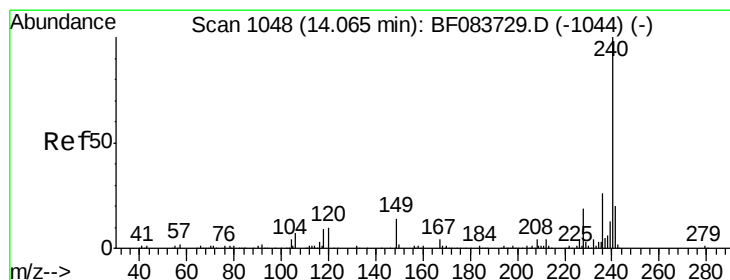
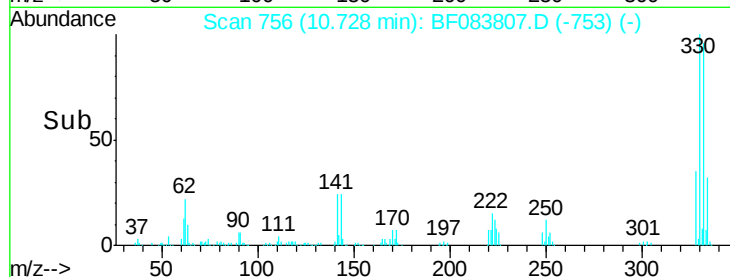
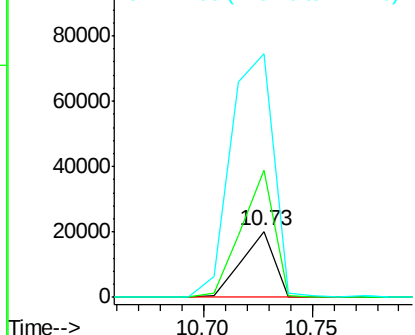
#66
 4-Bromophenyl-phenylether
 Concen: 5.63 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.26 min
 Lab File: BF083807.D
 Acq: 15 Dec 2015 9:38

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL

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#

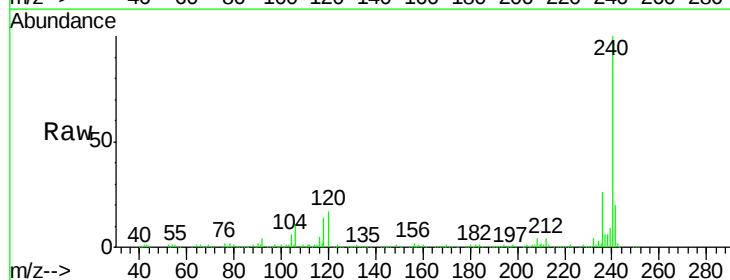


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

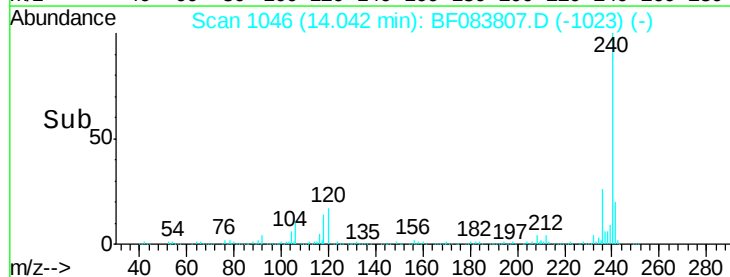
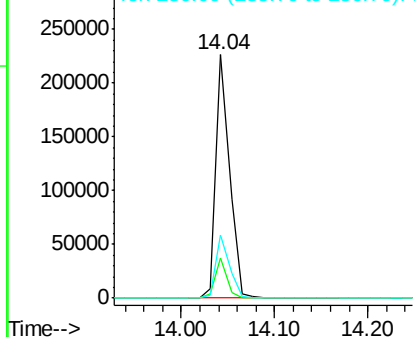


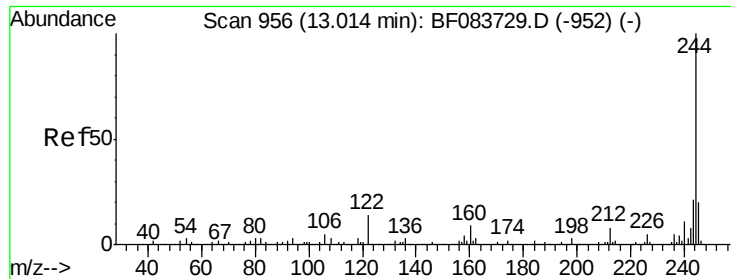
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF083807.D
 Acq: 15 Dec 2015 9:38

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

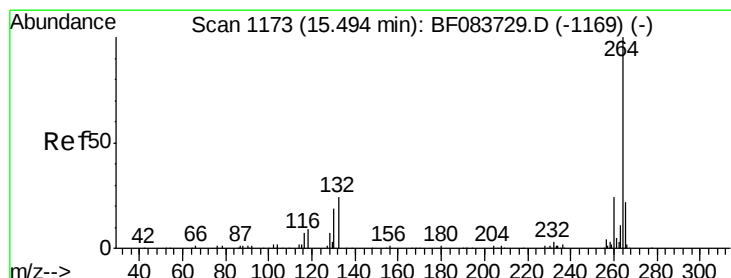
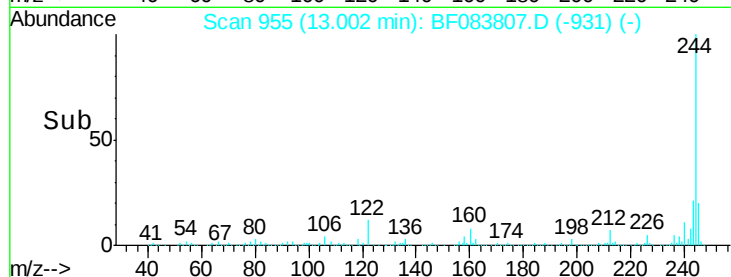
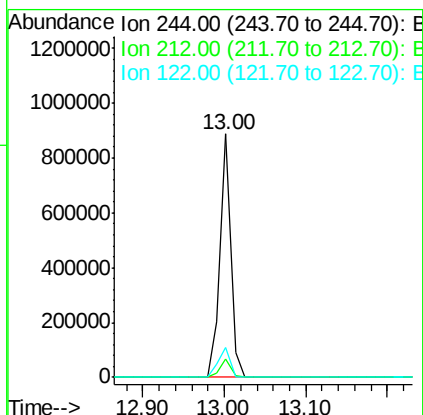
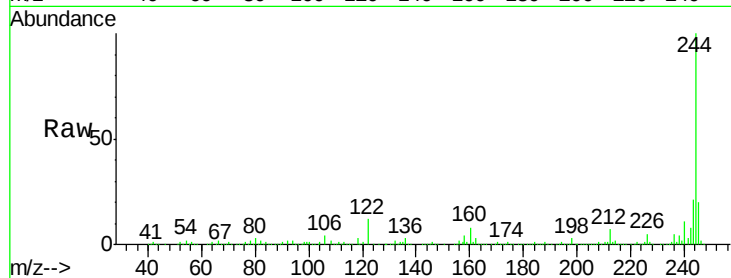




#78
 Terphenyl-d14
 Concen: 76.35 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083807.D
 Acq: 15 Dec 2015 9:38

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL

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



#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

