

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121715\
 Data File : BF083877.D
 Acq On : 17 Dec 2015 9:35
 Operator : UM/SJ
 Sample : G4800-06
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 17 12:11:30 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

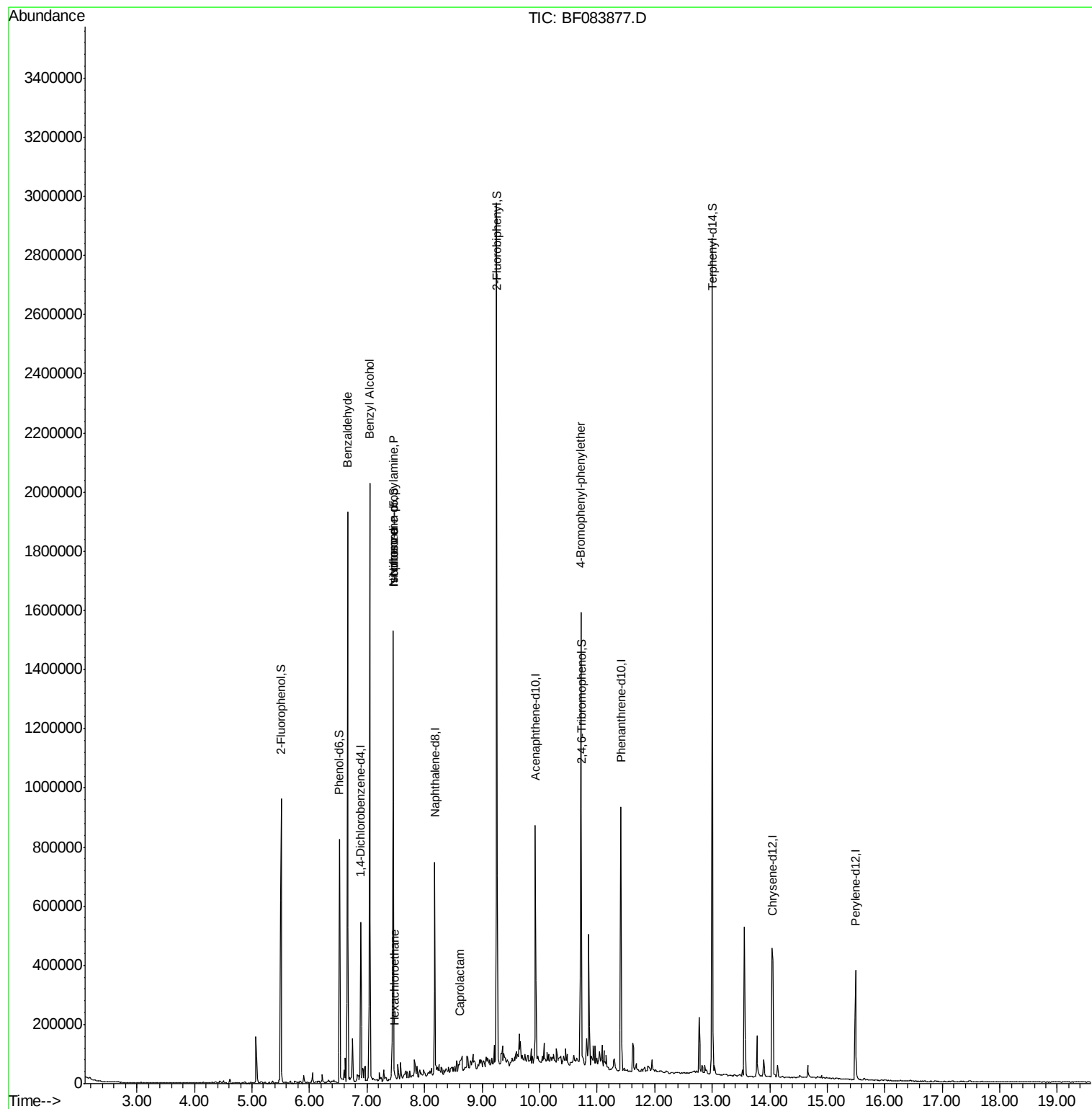
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	84812	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	349975	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	161238	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	298438	20.00	ng	-0.03
75) Chrysene-d12	14.05	240	213620	20.00	ng	-0.02
86) Perylene-d12	15.49	264	177767	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	346049	65.82	ng	-0.02
7) Phenol-d6	6.52	99	261205	39.23	ng	-0.02
23) Nitrobenzene-d5	7.46	82	616953	98.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	266407	162.15	ng	-0.02
44) 2-Fluorobiphenyl	9.25	172	964441	88.88	ng	-0.03
78) Terphenyl-d14	13.00	244	932002	93.85	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.66	77	12953	3.62	ng	Qvalue 89
15) Benzyl Alcohol	7.05	79	10924	2.23	ng	# 56
18) Hexachloroethane	7.47	117	5291	2.25	ng	# 3
19) n-Nitroso-di-n-propylamine	7.46	70	87720	21.52	ng	# 67
25) Isophorone	7.46	82	587549	47.87	ng	# 69
35) Caprolactam	8.61	113	3397	2.10	ng	# 28
66) 4-Bromophenyl-phenylether	10.72	248	16312	4.89	ng	# 1

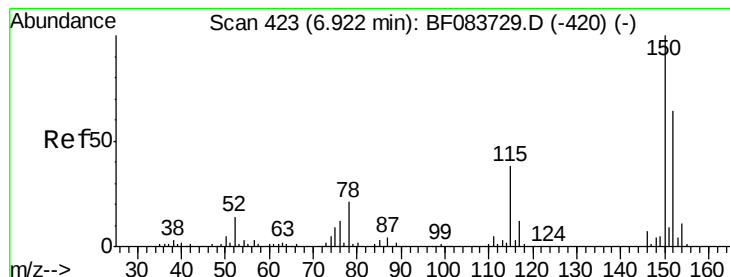
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF083877.D

Acq: 17 Dec 2015 9:35

Instrument :

BNA_F

ClientSampleId :

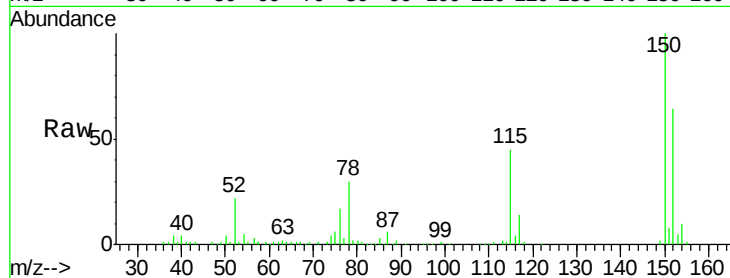
Tot Ion:152 Resp: 84812

Ion Ratio Lower Upper

152 100

150 156.8 126.5 189.7

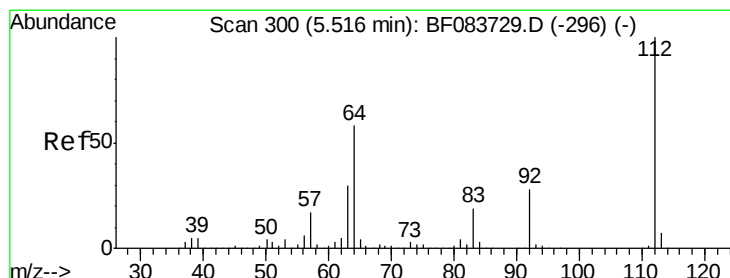
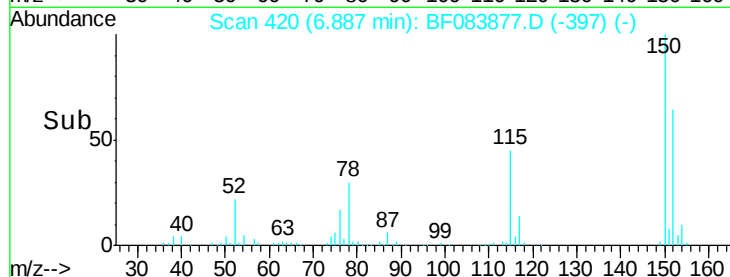
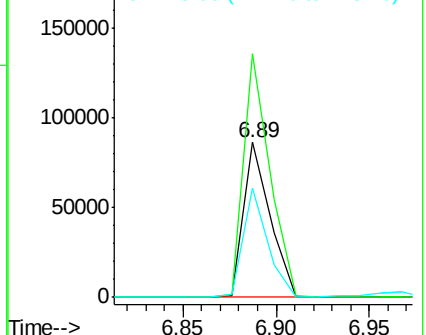
115 70.5 52.3 78.5



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: 65.82 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083877.D

Acq: 17 Dec 2015 9:35

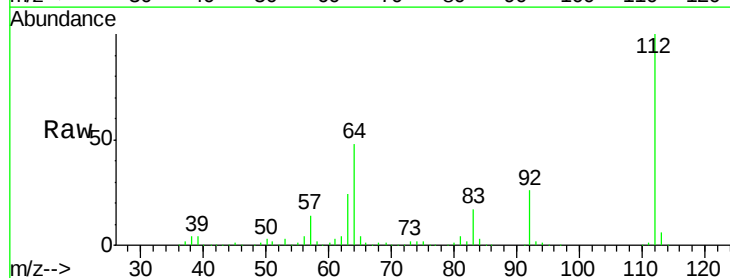
Tgt Ion:112 Resp: 346049

Ion Ratio Lower Upper

112 100

64 47.8 50.5 75.7#

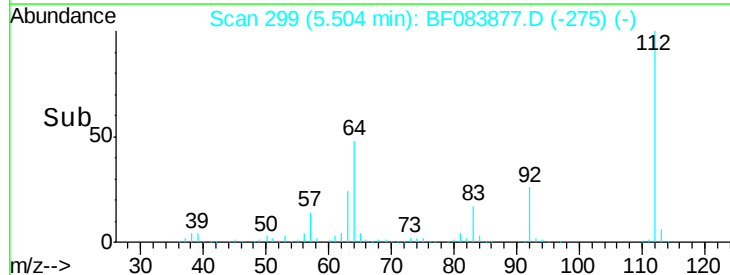
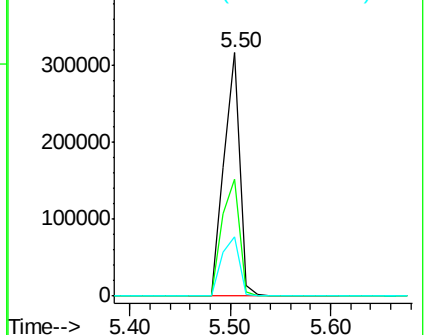
63 24.4 25.8 38.6#

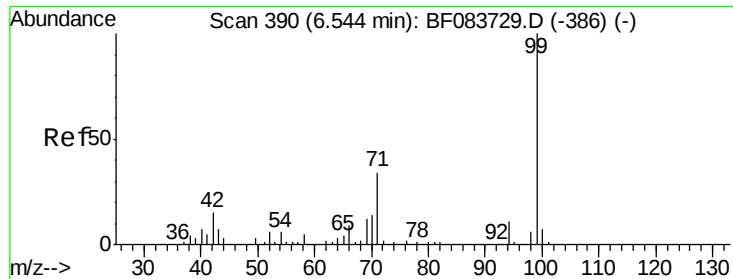


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.23 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083877.D

Acq: 17 Dec 2015 9:35

Instrument :

BNA_F

ClientSampled :

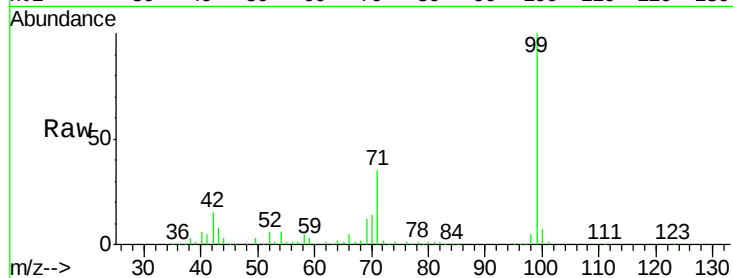
Tot Ion: 99 Resp: 261205

Ion Ratio Lower Upper

99 100

42 15.0 17.3 25.9#

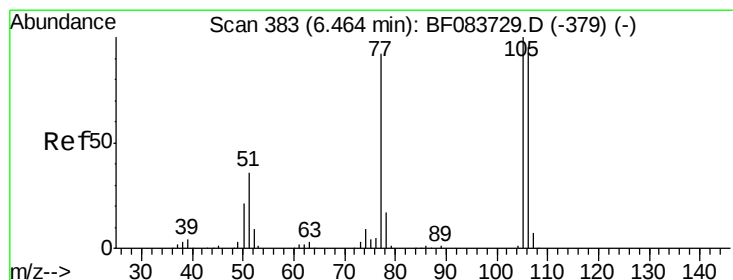
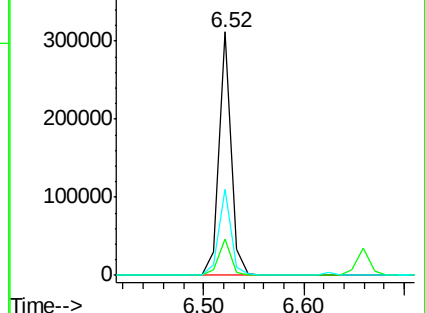
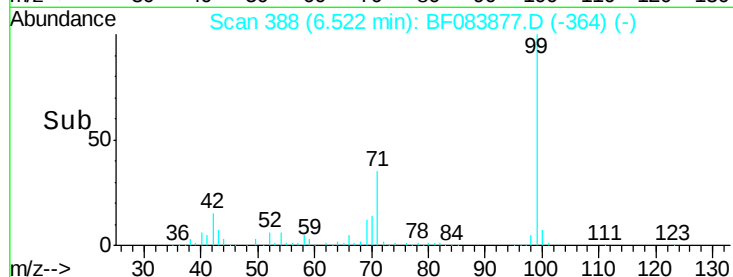
71 35.3 26.6 40.0



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: 3.62 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.19 min

Lab File: BF083877.D

Acq: 17 Dec 2015 9:35

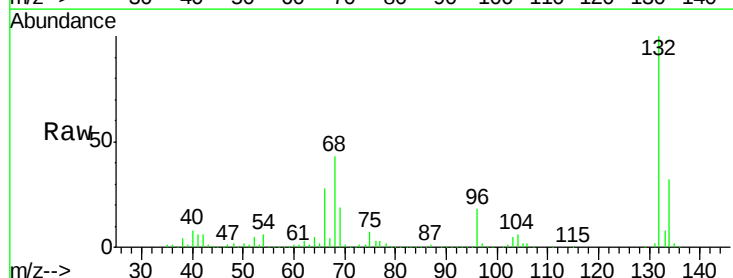
Tgt Ion: 77 Resp: 12953

Ion Ratio Lower Upper

77 100

105 78.0 71.8 111.8

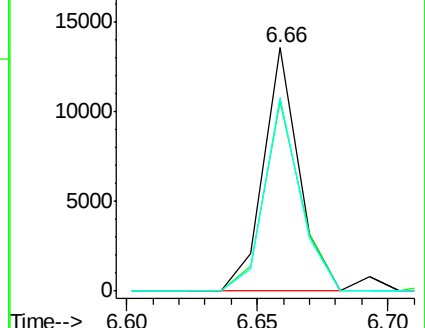
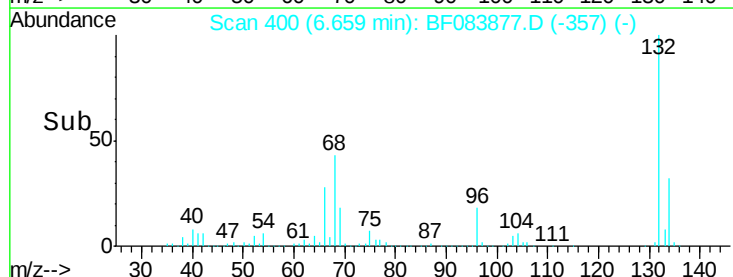
106 79.7 66.8 106.8

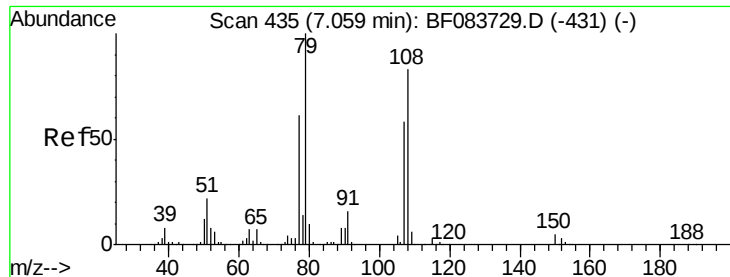


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.23 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083877.D

Acq: 17 Dec 2015 9:35

Instrument :

BNA_F

ClientSampleId :

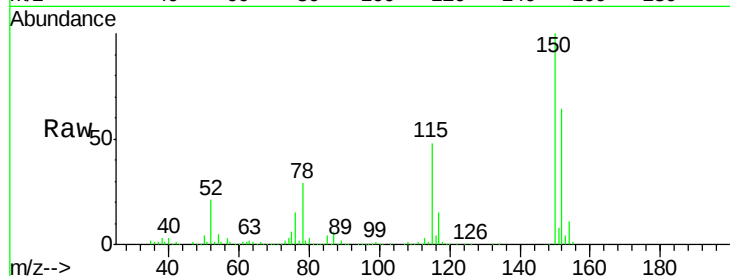
Tot Ion: 79 Resp: 10924

Ion Ratio Lower Upper

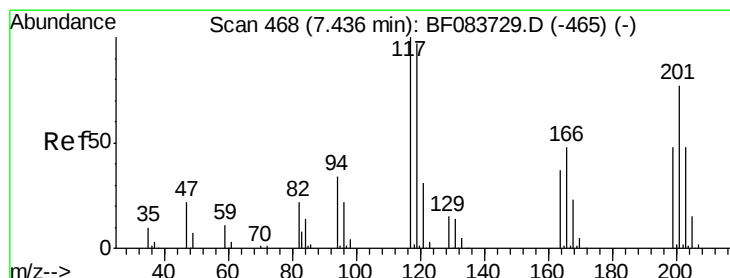
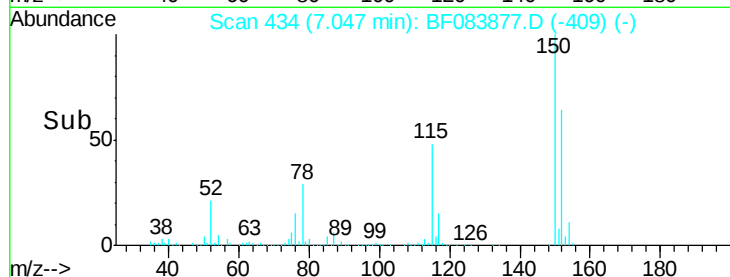
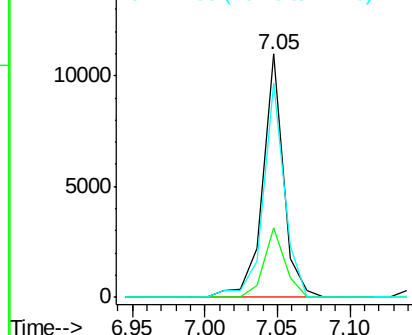
79 100

108 28.7 59.6 89.4#

77 87.7 49.8 74.6#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): B
Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 2.25 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.02 min

Lab File: BF083877.D

Acq: 17 Dec 2015 9:35

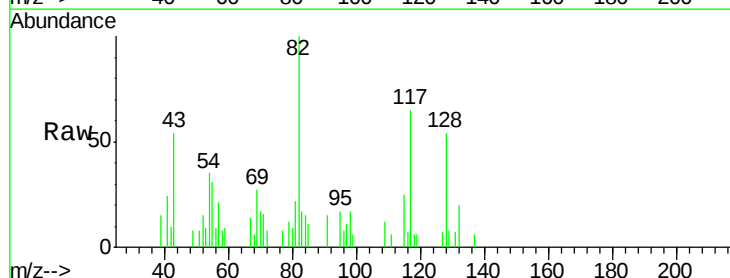
Tgt Ion: 117 Resp: 5291

Ion Ratio Lower Upper

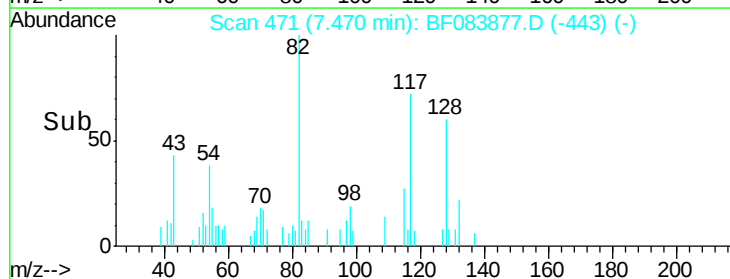
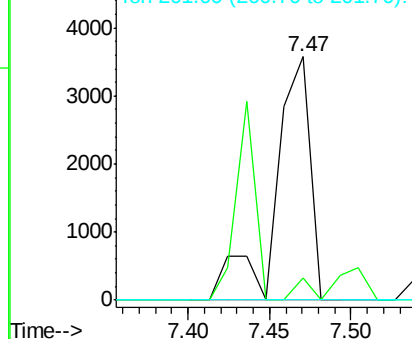
117 100

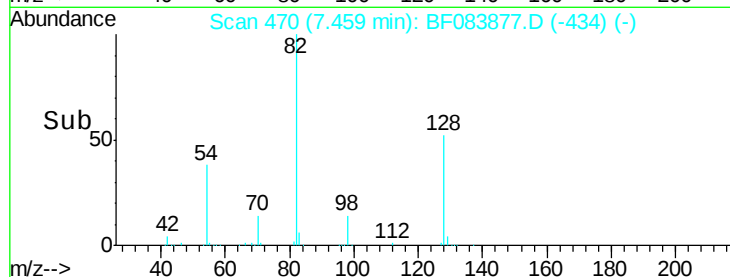
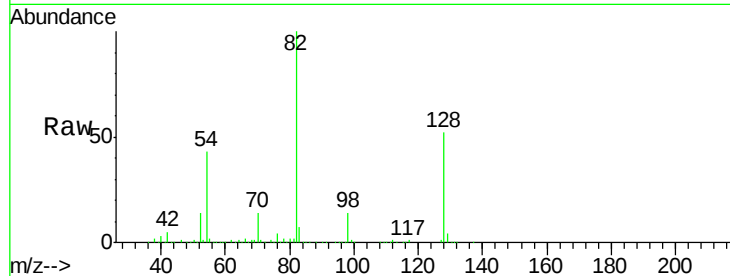
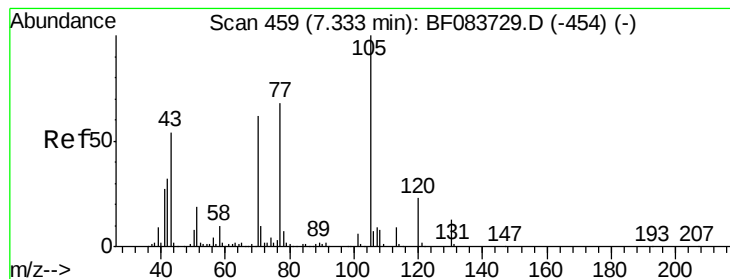
119 9.3 77.2 115.8#

201 0.0 86.8 130.2#



Abundance Ion 117.00 (116.70 to 117.70): B
Ion 119.00 (118.70 to 119.70): B
Ion 201.00 (200.70 to 201.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 21.52 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.11 min

Lab File: BF083877.D

Acq: 17 Dec 2015 9:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 87720

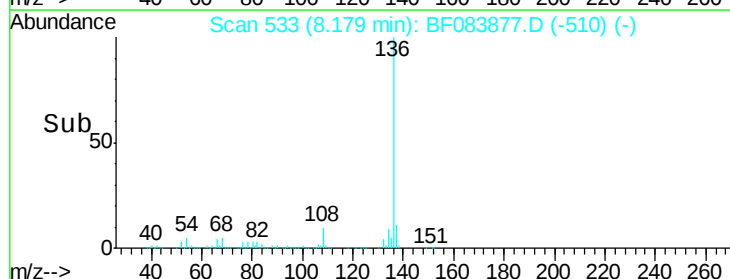
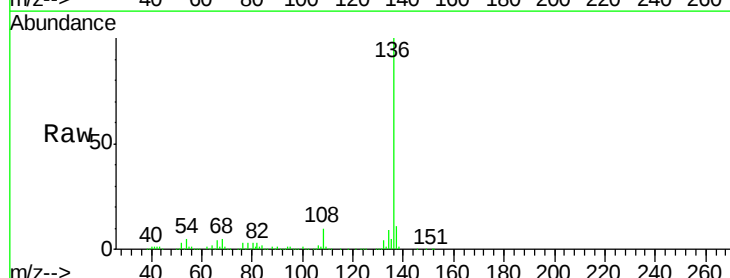
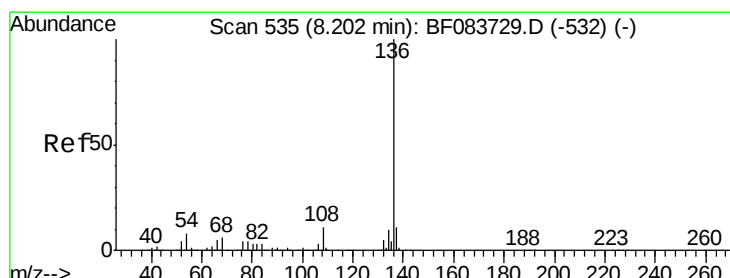
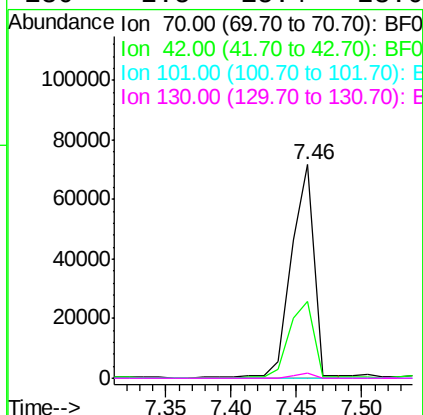
Ion Ratio Lower Upper

70 100

42 36.2 49.2 73.8#

101 0.0 7.1 10.7#

130 2.5 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: BF083877.D

Acq: 17 Dec 2015 9:35

Tgt Ion:136 Resp: 349975

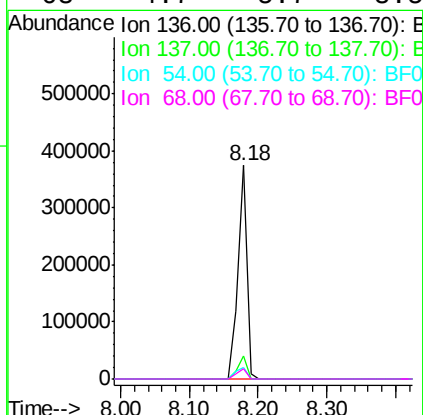
Ion Ratio Lower Upper

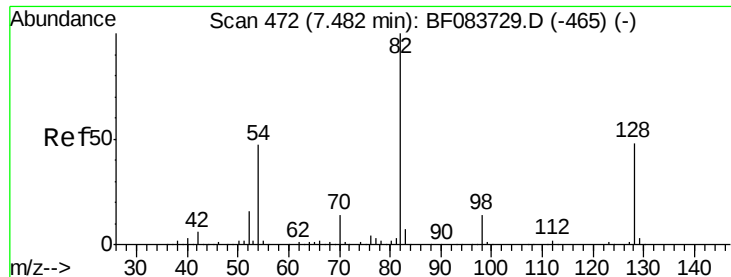
136 100

137 10.6 8.7 13.1

54 5.3 7.8 11.6#

68 4.7 5.7 8.5#

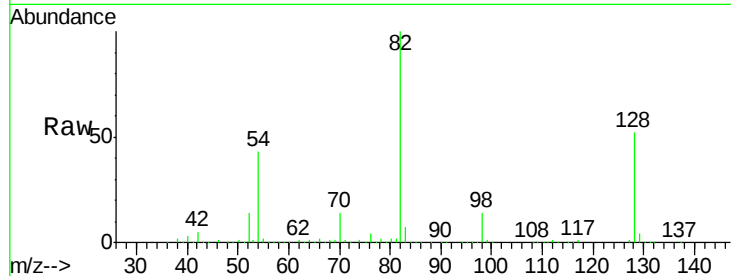




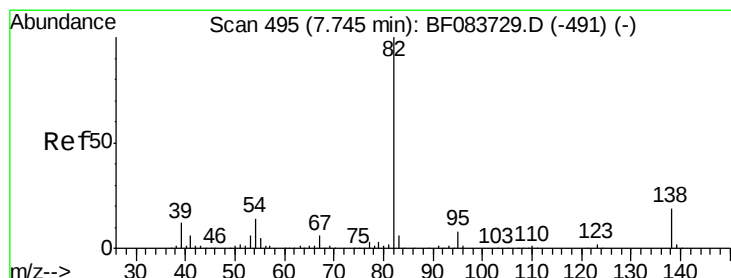
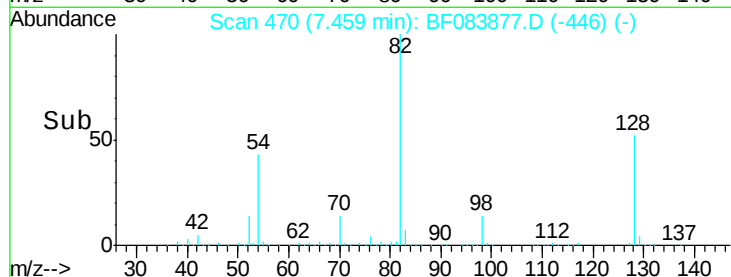
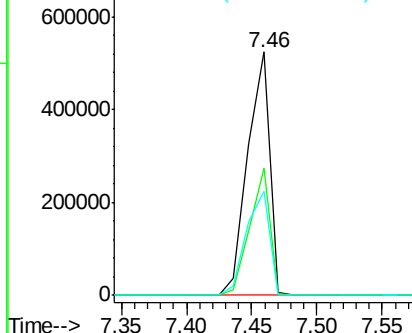
#23
 Nitrobenzene-d5
 Concen: 98.63 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083877.D
 Acq: 17 Dec 2015 9:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 616953
 Ion Ratio Lower Upper
 82 100
 128 52.1 30.7 46.1#
 54 42.8 42.5 63.7

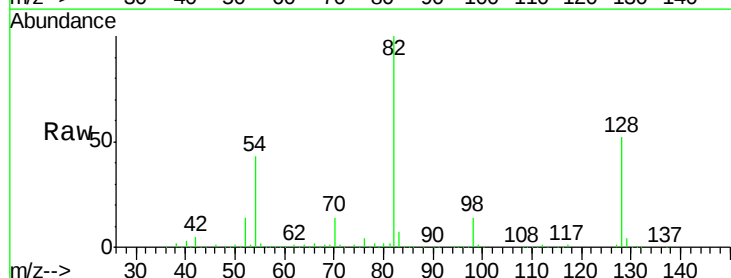


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

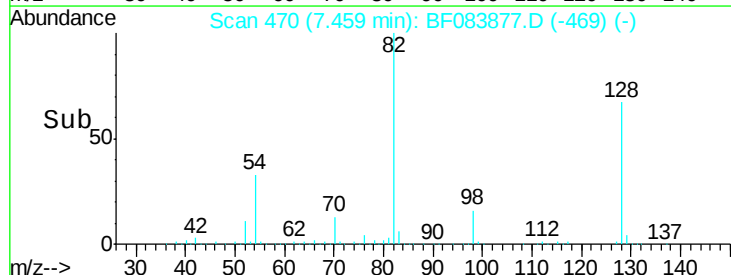
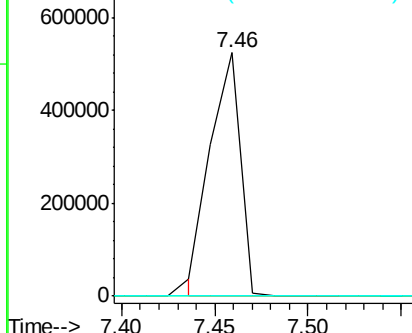


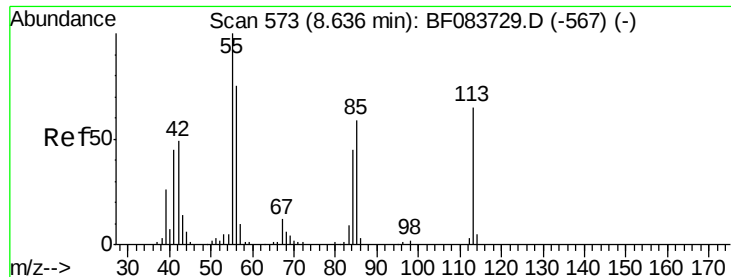
#25
 Isophorone
 Concen: 47.87 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.29 min
 Lab File: BF083877.D
 Acq: 17 Dec 2015 9:35

Tgt Ion: 82 Resp: 587549
 Ion Ratio Lower Upper
 82 100
 95 0.1 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

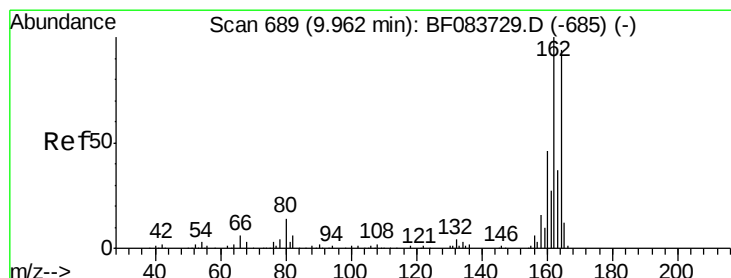
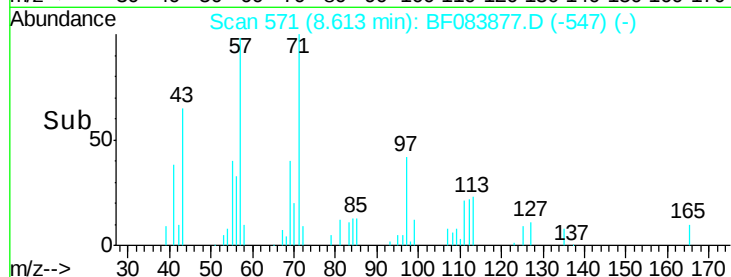
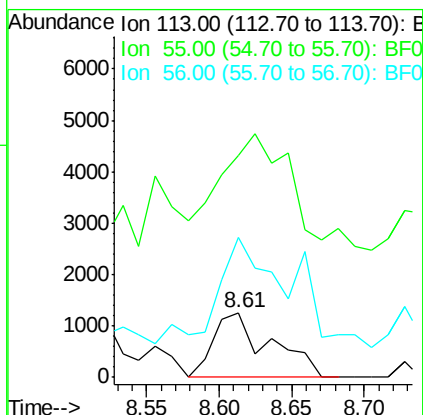
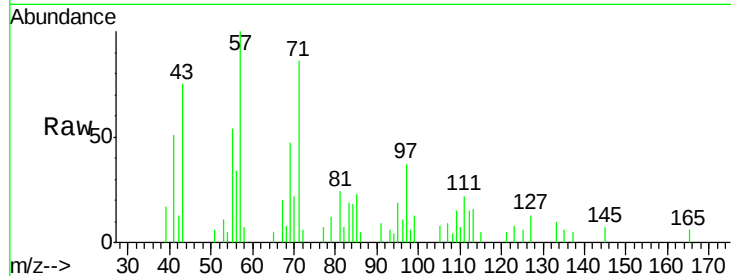




#35
 Caprolactam
 Concen: 2.10 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.02 min
 Lab File: BF083877.D
 Acq: 17 Dec 2015 9:35

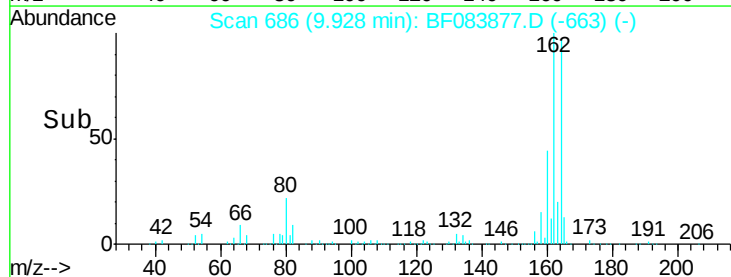
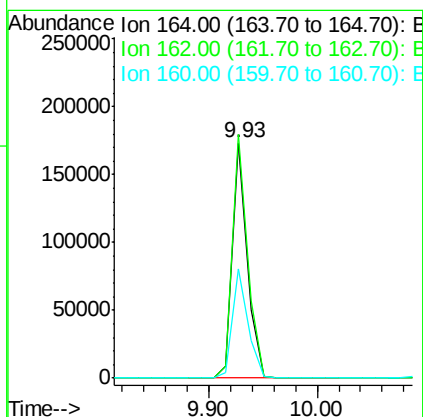
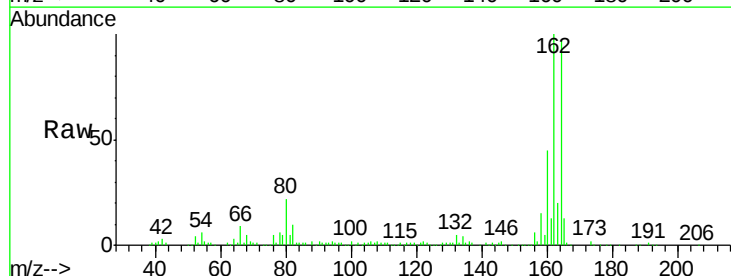
Instrument :
 BNA_F
 ClientSampled :

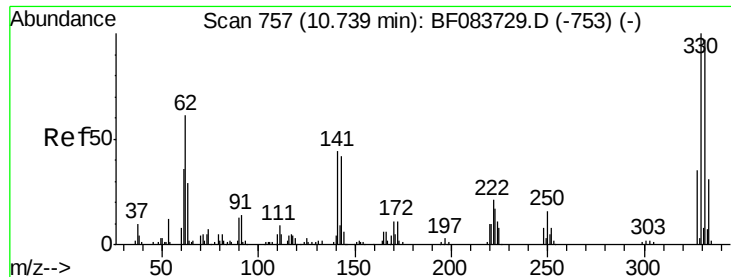
Tot Ion:113 Resp: 3397
 Ion Ratio Lower Upper
 113 100
 55 343.9 189.7 229.7#
 56 216.7 130.7 170.7#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: BF083877.D
 Acq: 17 Dec 2015 9:35

Tgt Ion:164 Resp: 161238
 Ion Ratio Lower Upper
 164 100
 162 103.6 78.8 118.2
 160 46.4 33.4 50.2

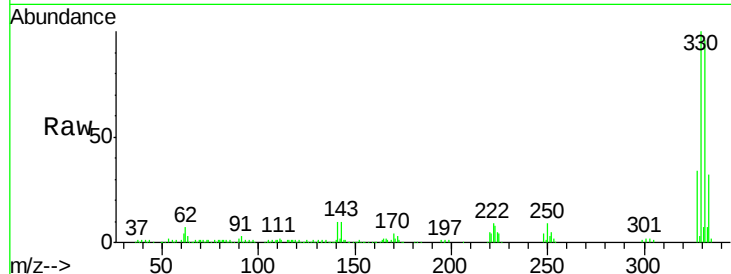




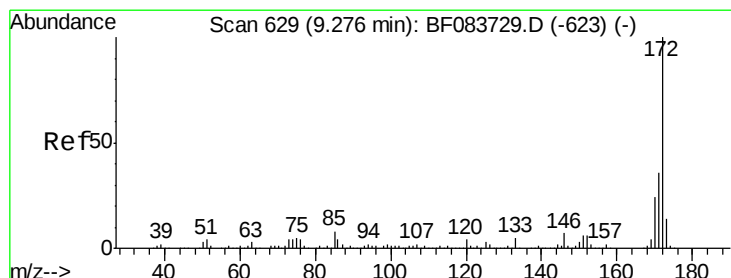
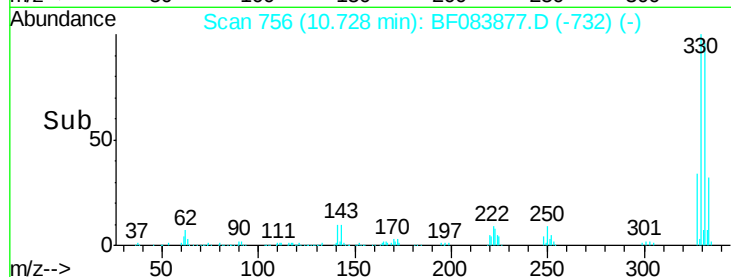
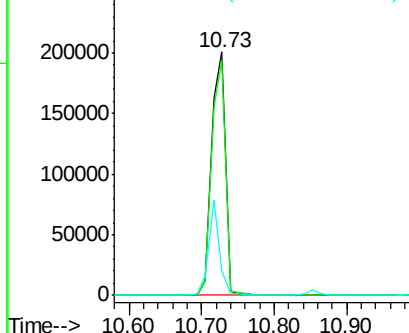
#41
 2,4,6-Tribromophenol
 Concen: 162.15 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083877.D
 Acq: 17 Dec 2015 9:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	30.1	0.0	0.0#

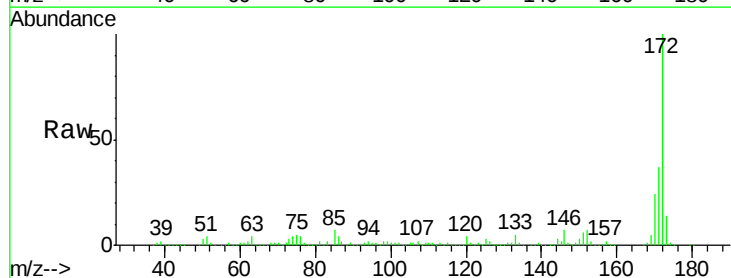


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

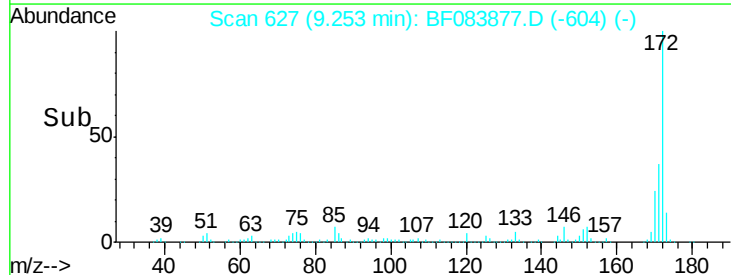
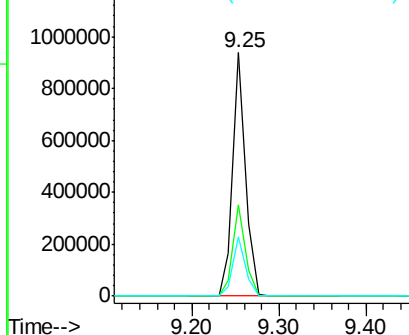


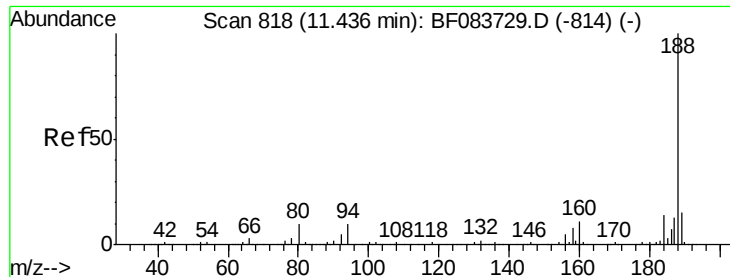
#44
 2-Fluorobiphenyl
 Concen: 88.88 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083877.D
 Acq: 17 Dec 2015 9:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.6	42.8
170	24.4	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

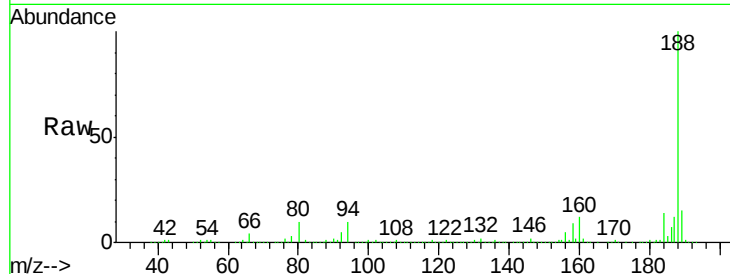




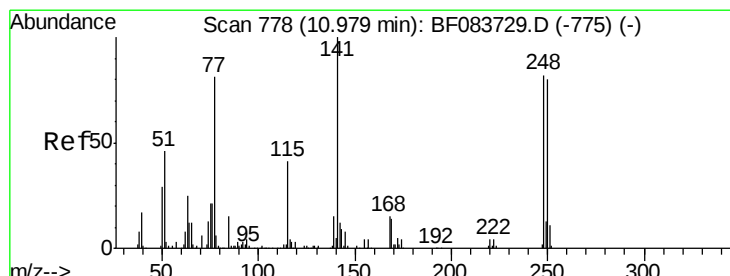
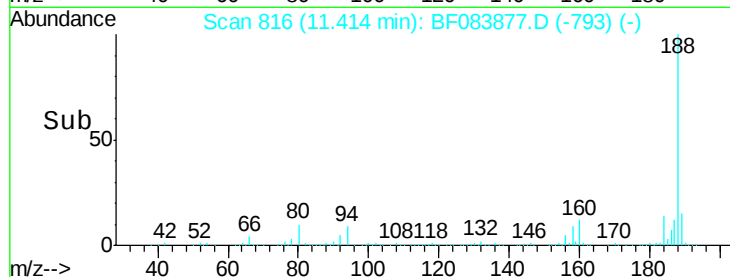
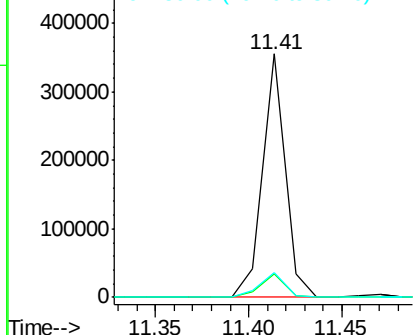
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083877.D
Acq: 17 Dec 2015 9:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 298438
Ion Ratio Lower Upper
188 100
94 9.6 9.4 14.2
80 10.3 10.6 16.0#

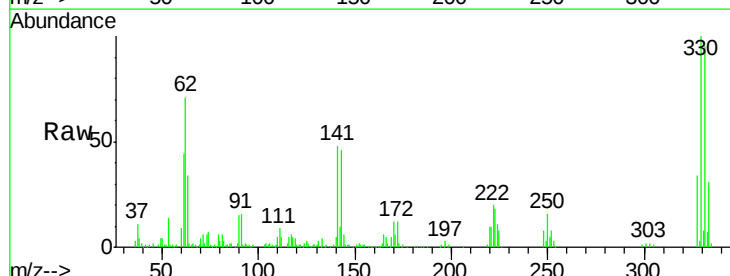


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

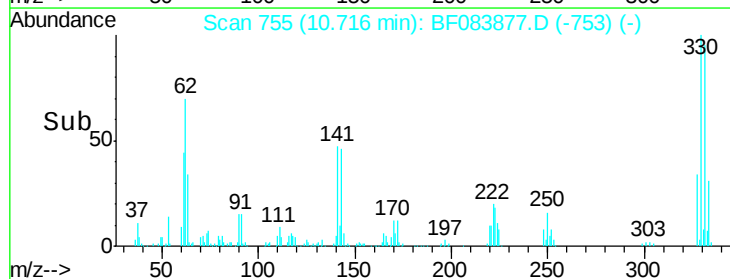
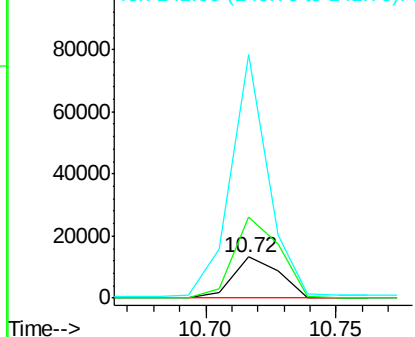


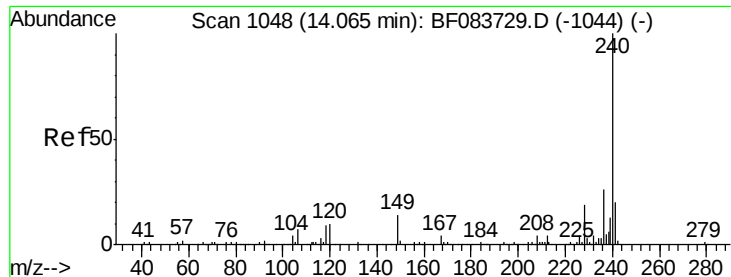
#66
4-Bromophenyl-phenylether
Concen: 4.89 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.27 min
Lab File: BF083877.D
Acq: 17 Dec 2015 9:35

Tgt Ion:248 Resp: 16312
Ion Ratio Lower Upper
248 100
250 196.7 79.2 118.8#
141 589.3 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: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF083877.D

Acq: 17 Dec 2015 9:35

Instrument :

BNA_F

ClientSampleId :

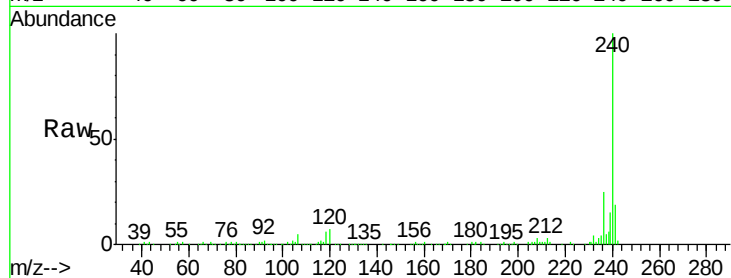
Tot Ion:240 Resp: 213620

Ion Ratio Lower Upper

240 100

120 7.3 8.1 12.1#

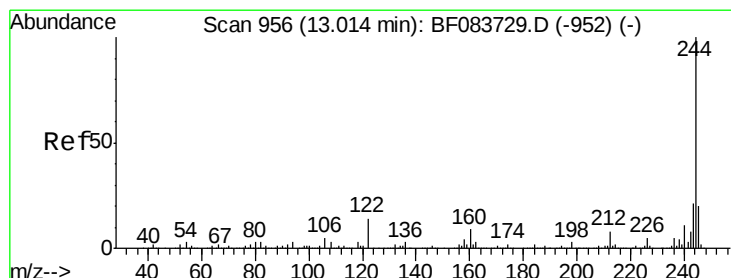
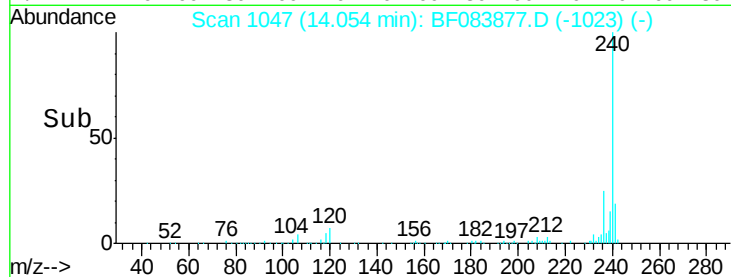
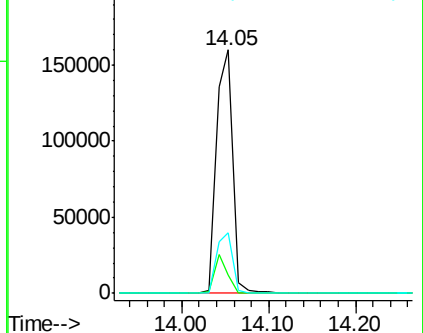
236 25.0 20.8 31.2



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: 93.85 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF083877.D

Acq: 17 Dec 2015 9:35

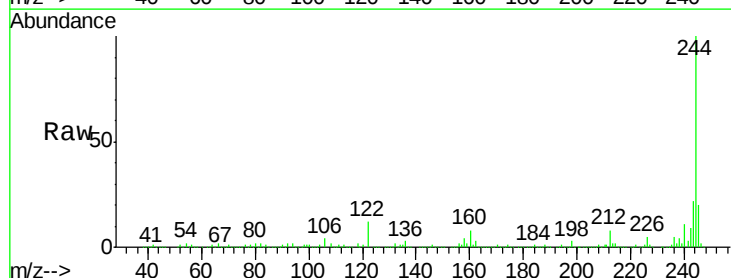
Tgt Ion:244 Resp: 932002

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

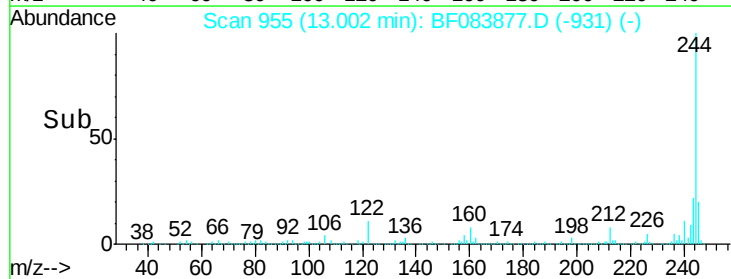
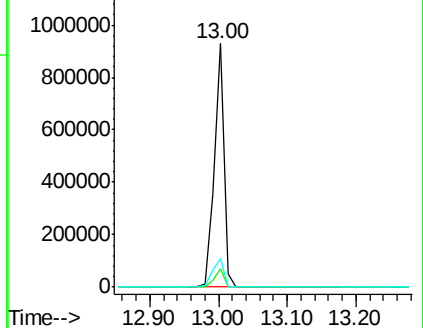
122 11.5 11.0 16.6

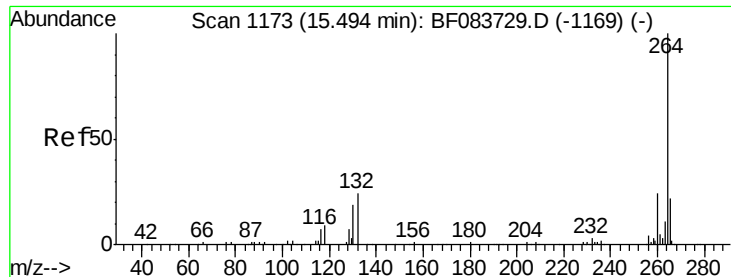


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

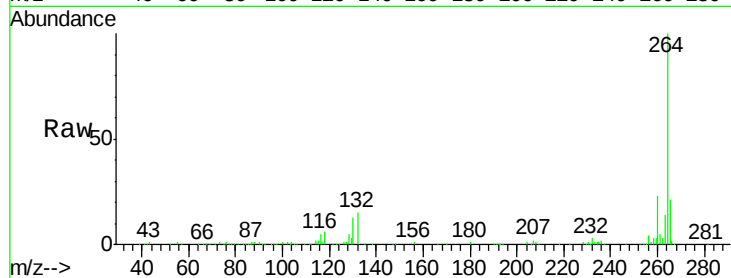




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083877.D
Acq: 17 Dec 2015 9:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.0
265	20.8	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

