

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121715\
 Data File : BF083875.D
 Acq On : 17 Dec 2015 8:40
 Operator : UM/SJ
 Sample : G4800-04
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 17 12:11:05 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

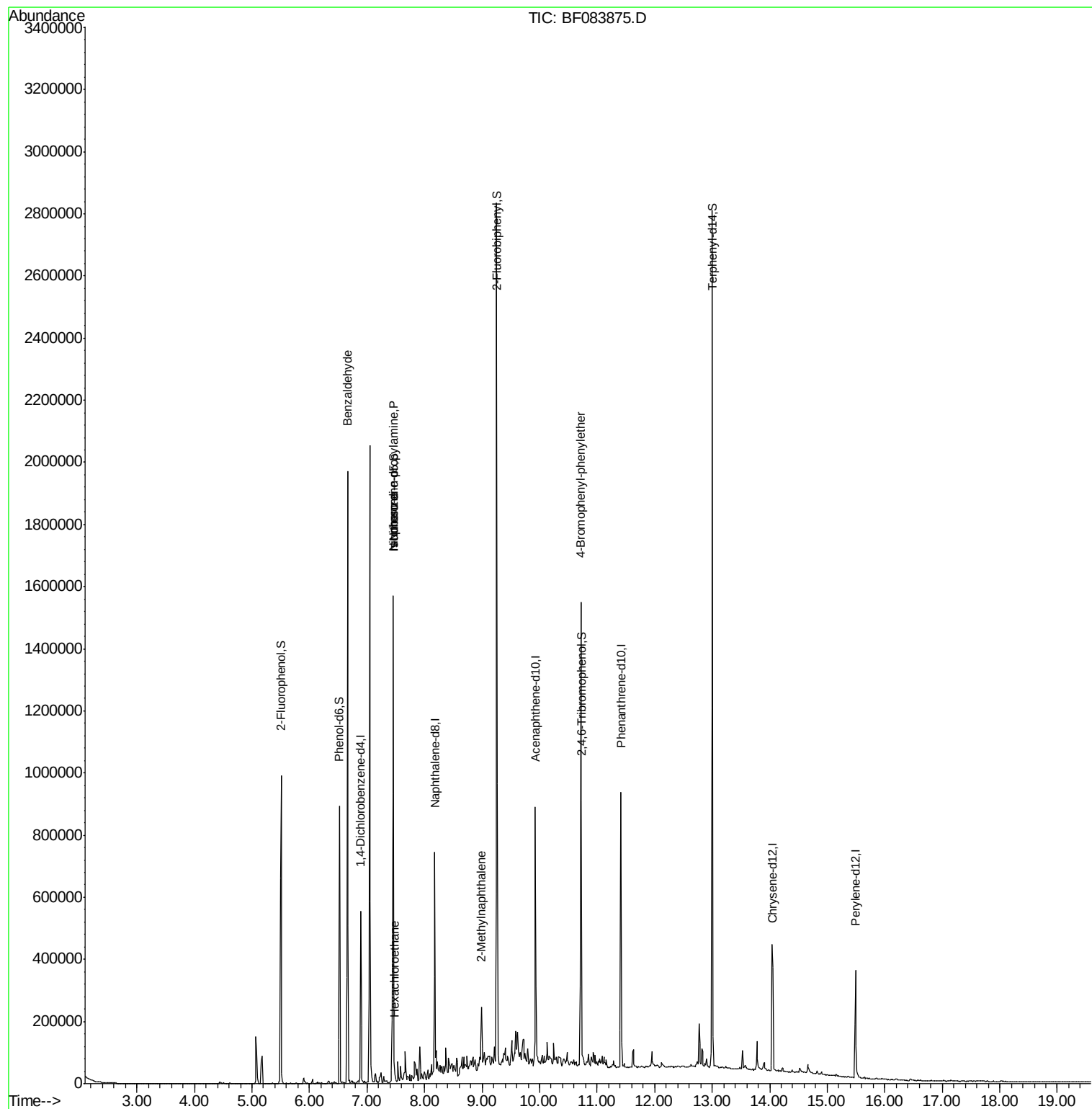
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	87054	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	353226	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	163032	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	293045	20.00	ng	-0.03
75) Chrysene-d12	14.05	240	188736	20.00	ng	-0.02
86) Perylene-d12	15.49	264	164551	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	363613	67.38	ng	-0.02
7) Phenol-d6	6.52	99	287160	42.02	ng	-0.02
23) Nitrobenzene-d5	7.46	82	628410	99.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	258510	155.61	ng	-0.02
44) 2-Fluorobiphenyl	9.25	172	1018684	95.00	ng	-0.03
78) Terphenyl-d14	13.00	244	913134	104.07	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.66	77	12855	3.50	ng	Qvalue 95
18) Hexachloroethane	7.47	117	20274	8.39	ng	# 15
19) n-Nitroso-di-n-propylamine	7.46	70	87672	20.95	ng	# 68
25) Isophorone	7.46	82	595189	48.05	ng	# 69
37) 2-Methylnaphthalene	8.99	142	51117	4.42	ng	96
66) 4-Bromophenyl-phenylether	10.72	248	16096	4.91	ng	# 1

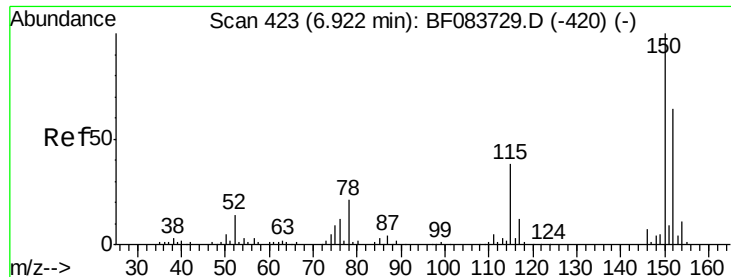
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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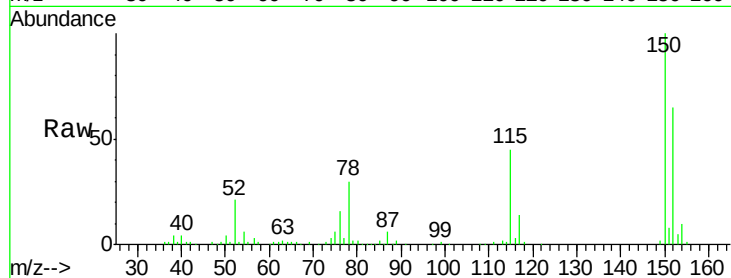


#1

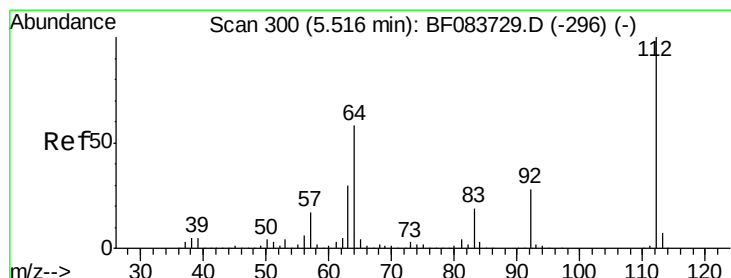
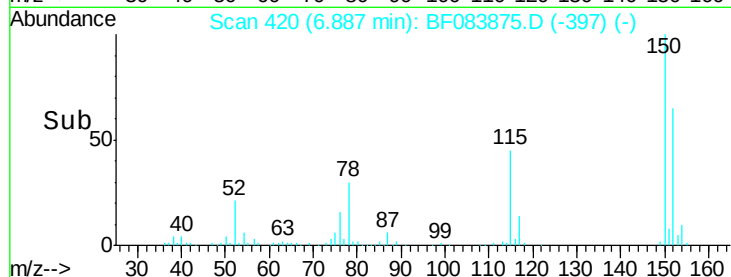
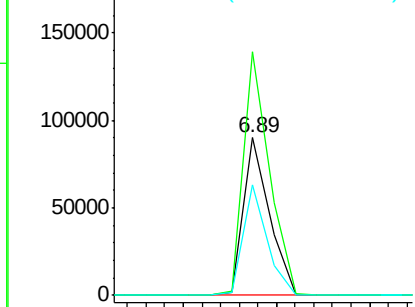
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF083875.D
Acq: 17 Dec 2015 8:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87054
Ion Ratio Lower Upper
152 100
150 154.7 126.5 189.7
115 69.9 52.3 78.5



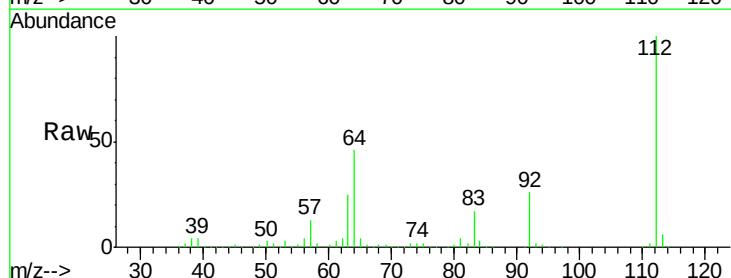
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



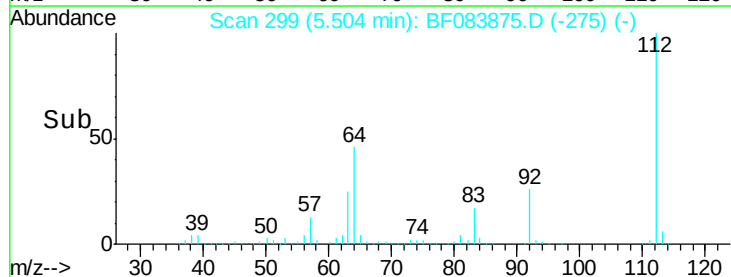
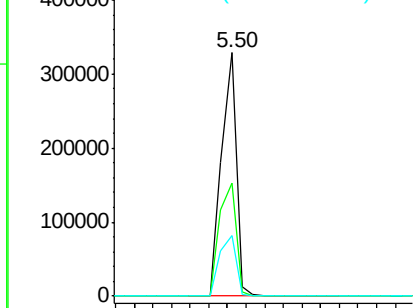
#5

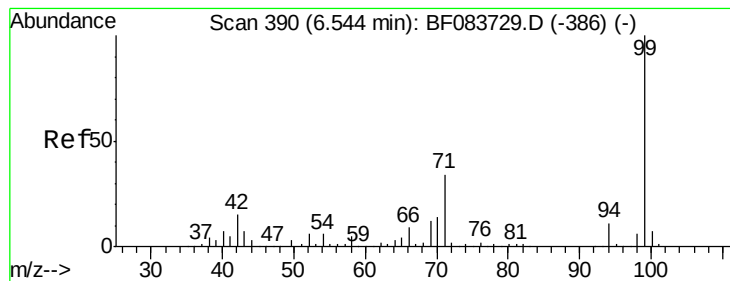
2-Fluorophenol
Concen: 67.38 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.02 min
Lab File: BF083875.D
Acq: 17 Dec 2015 8:40

Tgt Ion:112 Resp: 363613
Ion Ratio Lower Upper
112 100
64 46.4 50.5 75.7#
63 24.8 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: 42.02 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083875.D

Acq: 17 Dec 2015 8:40

Instrument :

BNA_F

ClientSampleId :

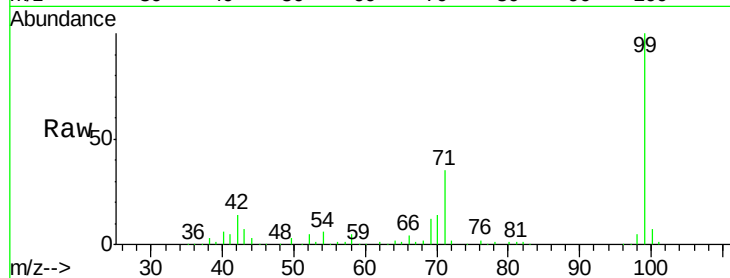
Tot Ion: 99 Resp: 287160

Ion Ratio Lower Upper

99 100

42 14.5 17.3 25.9#

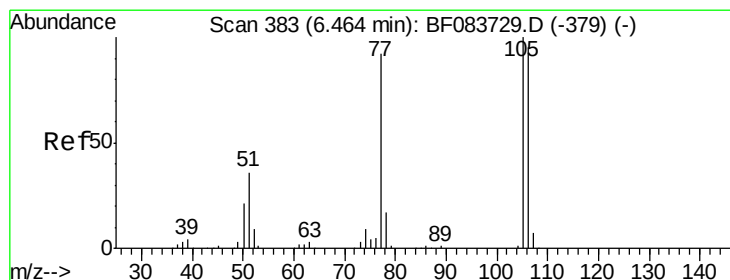
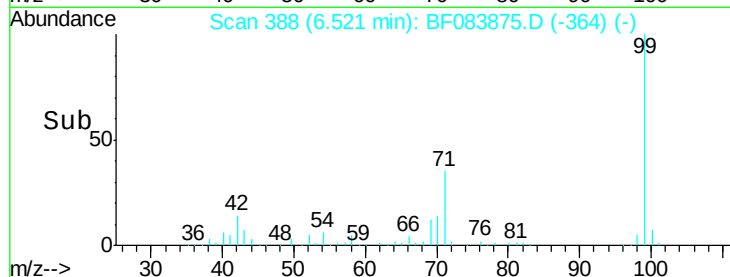
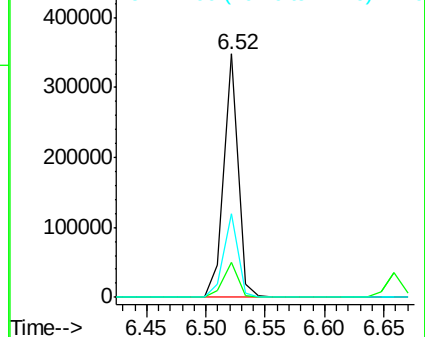
71 34.5 26.6 40.0



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: 3.50 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.19 min

Lab File: BF083875.D

Acq: 17 Dec 2015 8:40

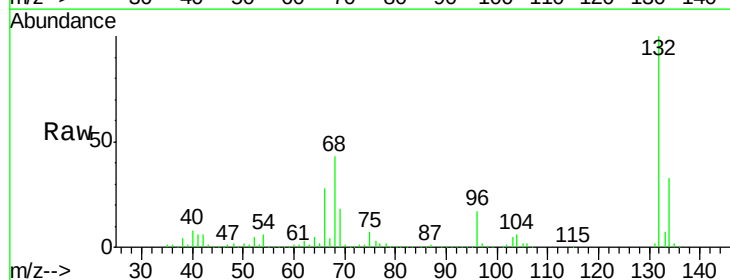
Tgt Ion: 77 Resp: 12855

Ion Ratio Lower Upper

77 100

105 83.9 71.8 111.8

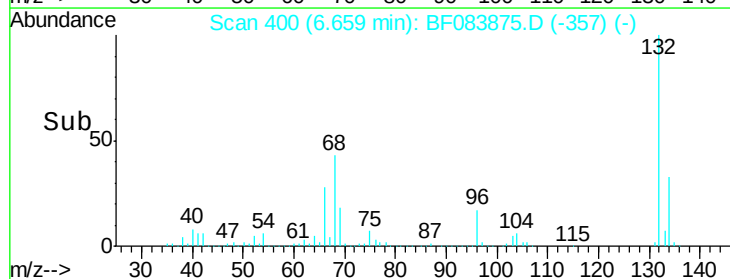
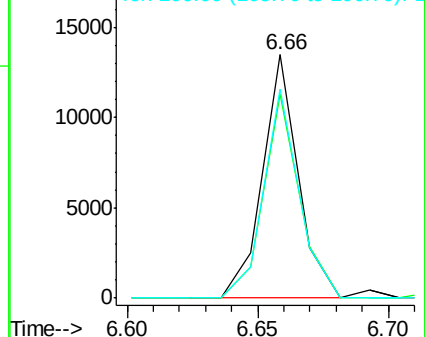
106 85.8 66.8 106.8

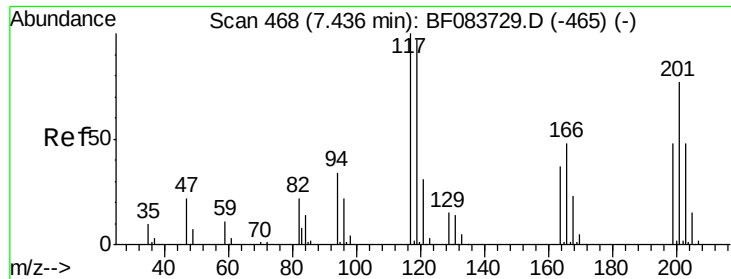


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

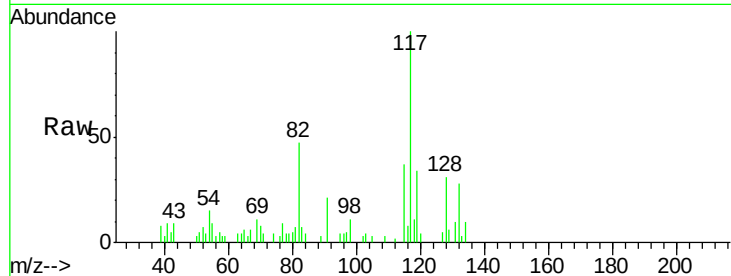




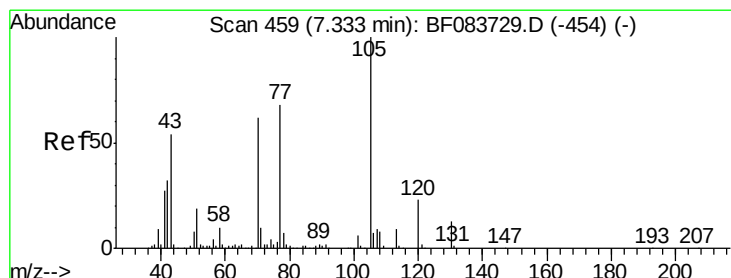
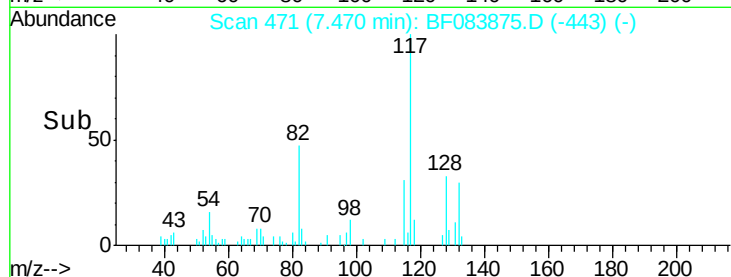
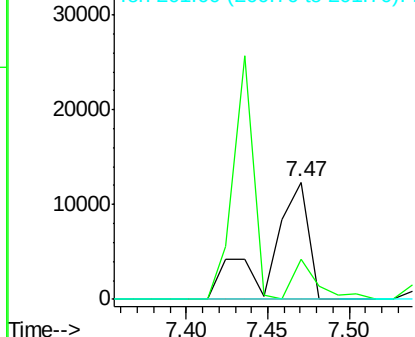
#18
Hexachloroethane
Concen: 8.39 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.02 min
Lab File: BF083875.D
Acq: 17 Dec 2015 8:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:117 Resp: 20274
Ion Ratio Lower Upper
117 100
119 33.7 77.2 115.8#
201 0.0 86.8 130.2#

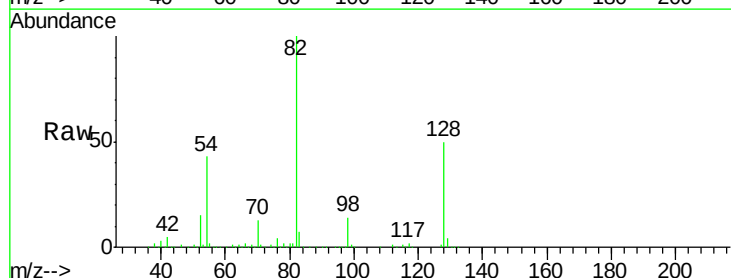


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

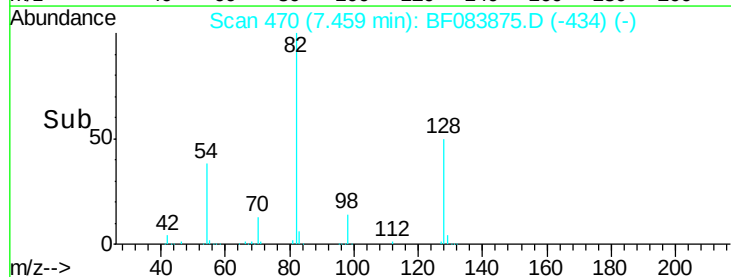
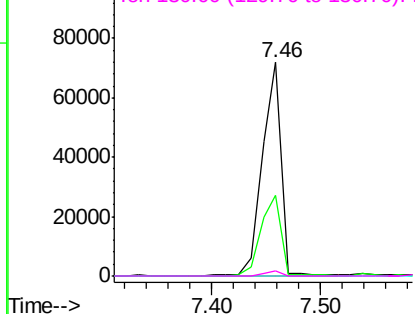


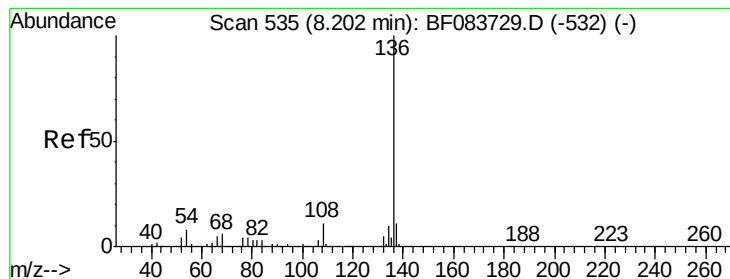
#19
n-Nitroso-di-n-propylamine
Concen: 20.95 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083875.D
Acq: 17 Dec 2015 8:40

Tgt Ion: 70 Resp: 87672
Ion Ratio Lower Upper
70 100
42 37.9 49.2 73.8#
101 0.0 7.1 10.7#
130 2.4 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): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF083875.D

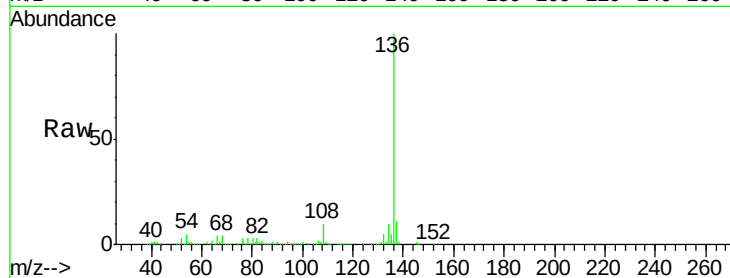
Acq: 17 Dec 2015 8:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	353226
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	5.3	7.8 11.6#
68	4.4	5.7 8.5#

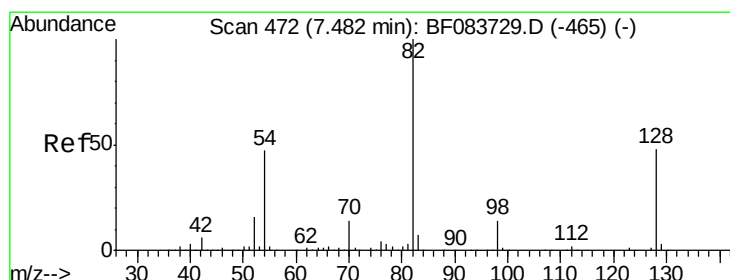
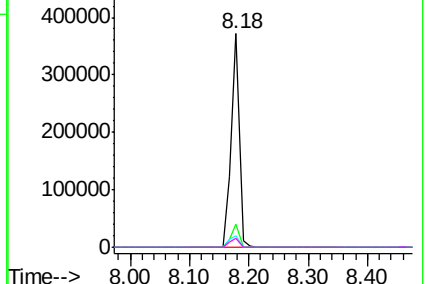
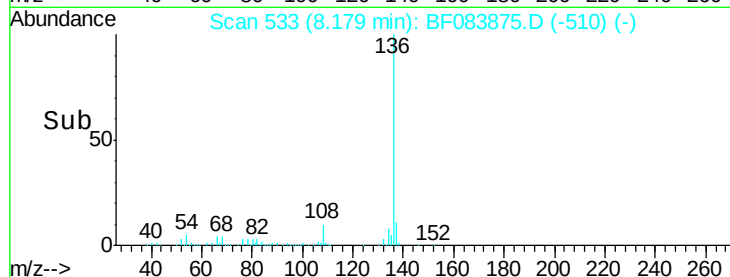


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 99.53 ng

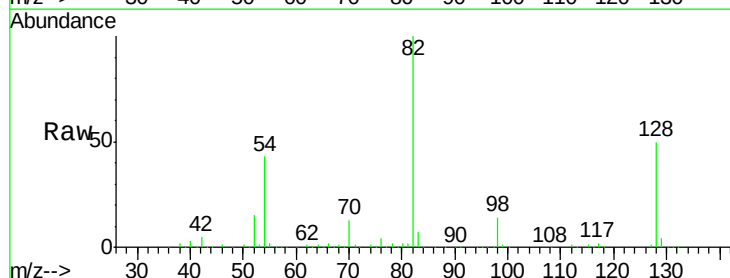
RT: 7.46 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF083875.D

Acq: 17 Dec 2015 8:40

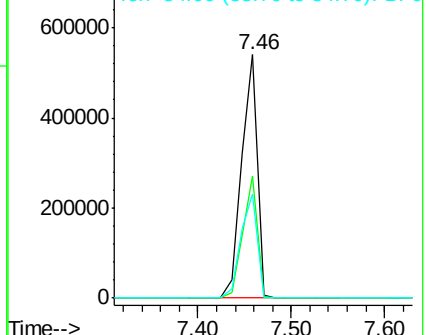
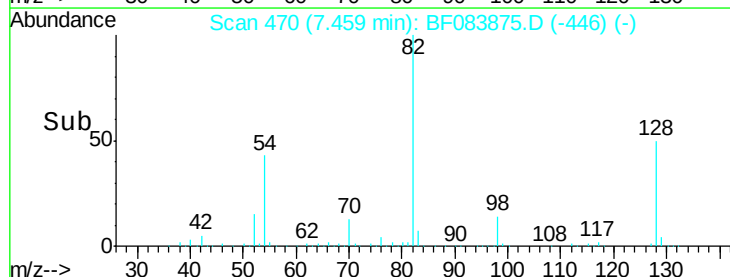
Tgt Ion: 82	Resp:	628410
Ion Ratio	Lower	Upper
82	100	
128	50.2	30.7 46.1#
54	43.0	42.5 63.7

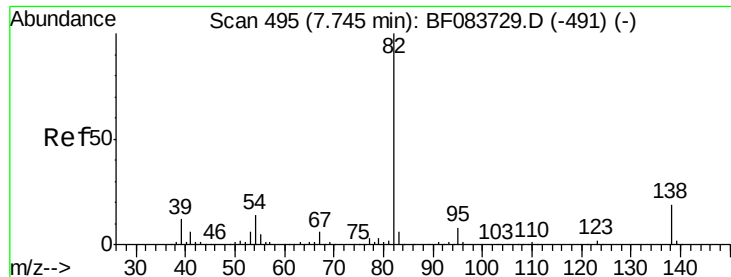


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 48.05 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.29 min

Lab File: BF083875.D

Acq: 17 Dec 2015 8:40

Instrument :

BNA_F

ClientSampleId :

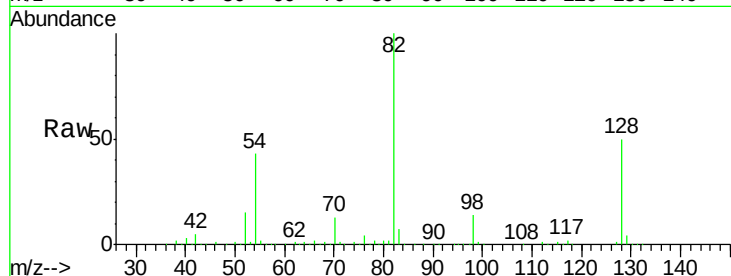
Tot Ion: 82 Resp: 595189

Ion Ratio Lower Upper

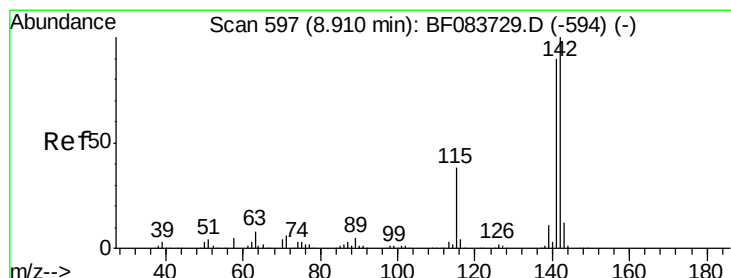
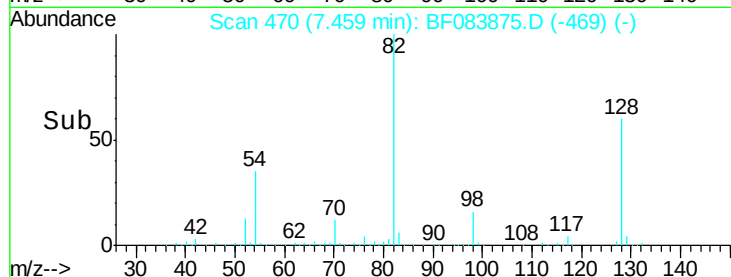
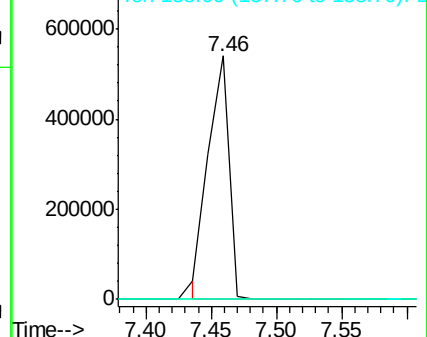
82 100

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



#37

2-Methylnaphthalene

Concen: 4.42 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.07 min

Lab File: BF083875.D

Acq: 17 Dec 2015 8:40

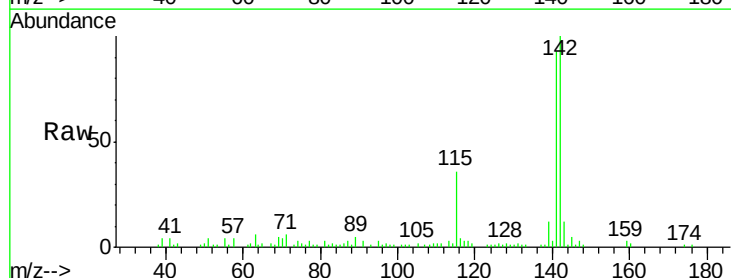
Tgt Ion: 142 Resp: 51117

Ion Ratio Lower Upper

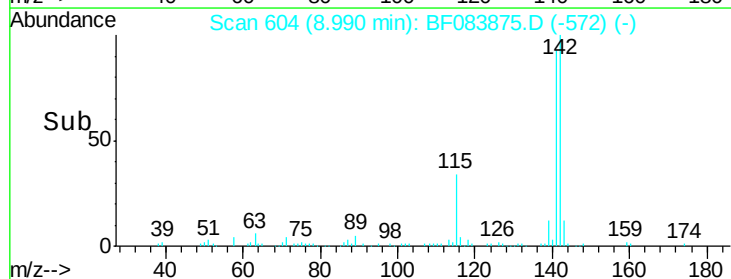
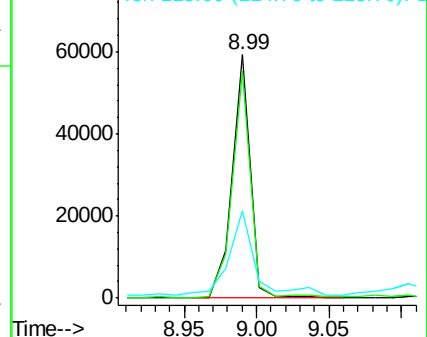
142 100

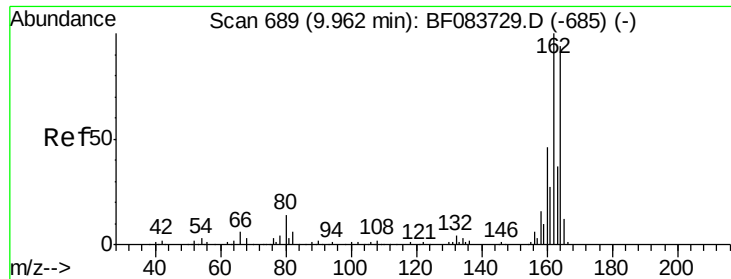
141 93.2 70.3 105.5

115 36.1 29.2 43.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF083875.D

Acq: 17 Dec 2015 8:40

Instrument :

BNA_F

ClientSampleId :

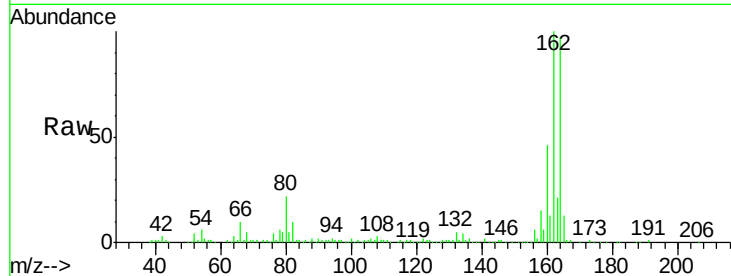
Tot Ion:164 Resp: 163032

Ion Ratio Lower Upper

164 100

162 102.6 78.8 118.2

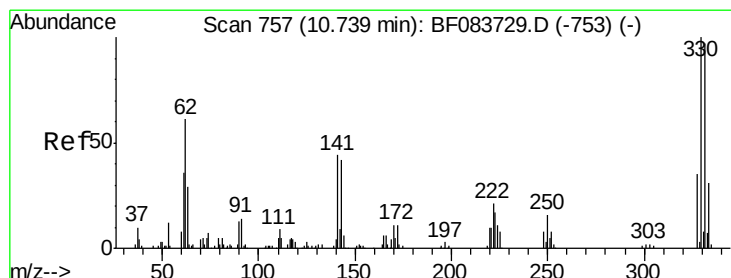
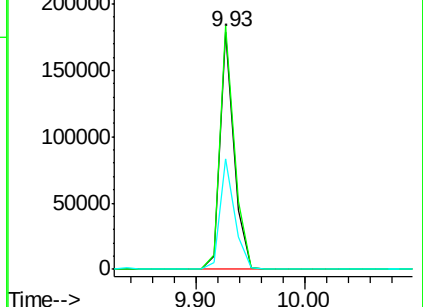
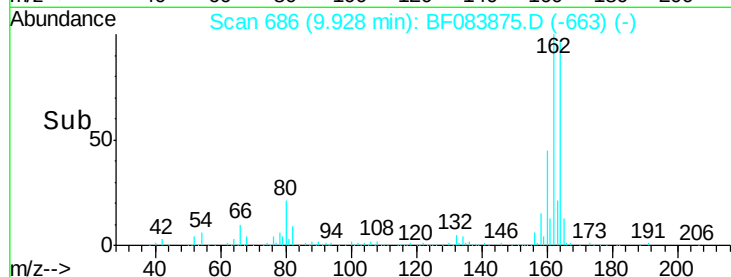
160 46.8 33.4 50.2



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: 155.61 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF083875.D

Acq: 17 Dec 2015 8:40

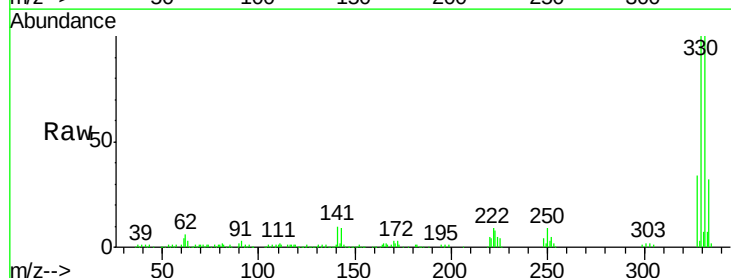
Tgt Ion:330 Resp: 258510

Ion Ratio Lower Upper

330 100

332 98.3 0.0 0.0#

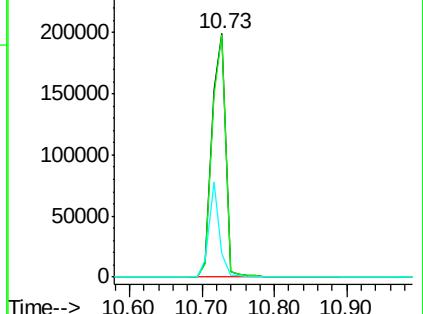
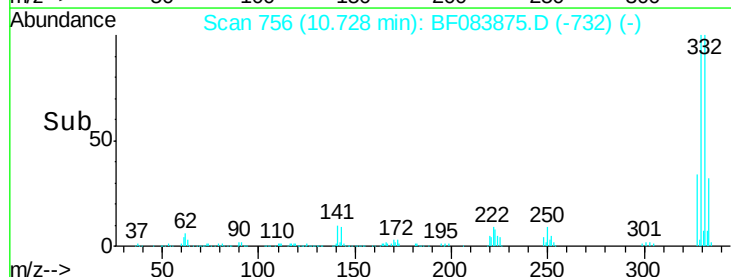
141 30.1 0.0 0.0#

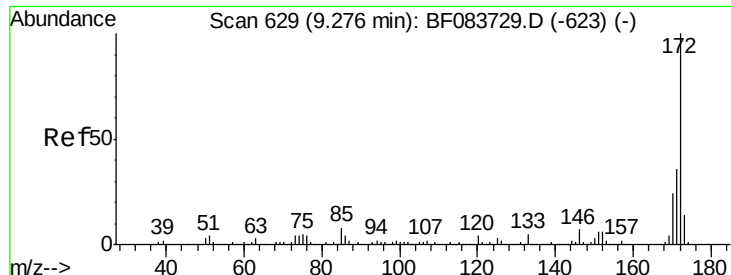


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

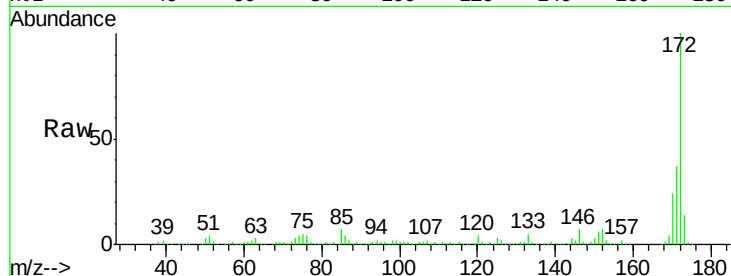




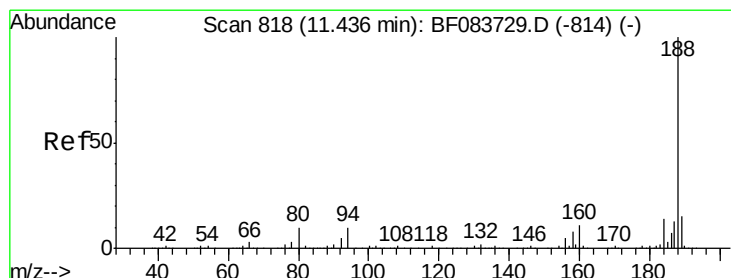
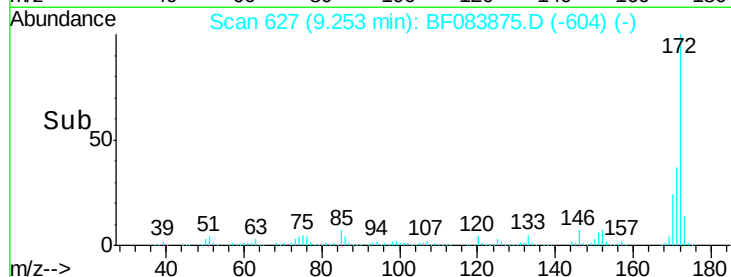
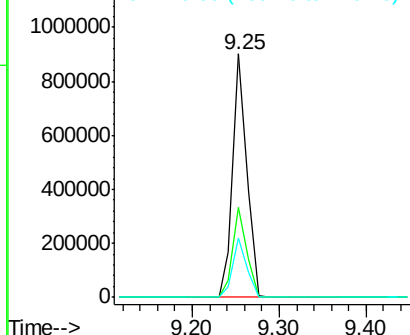
#44
 2-Fluorobiphenyl
 Concen: 95.00 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083875.D
 Acq: 17 Dec 2015 8:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1018684
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.6 42.8
 170 24.3 19.4 29.0

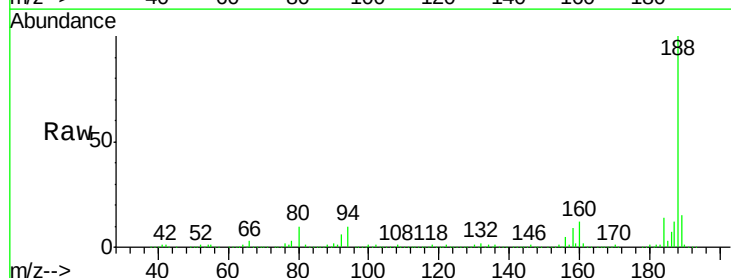


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

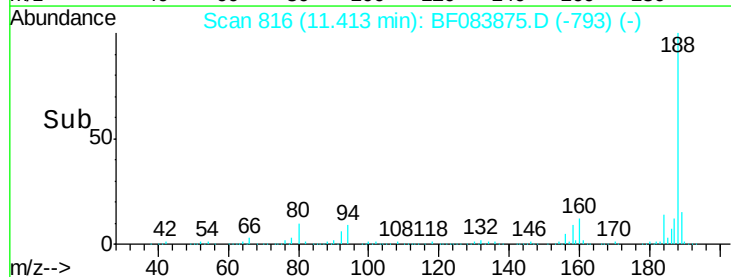
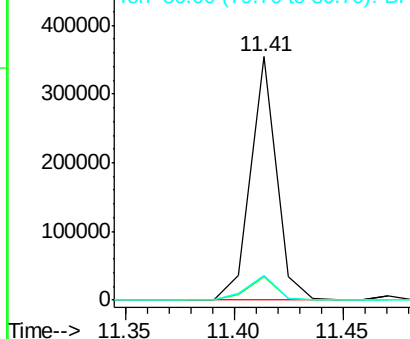


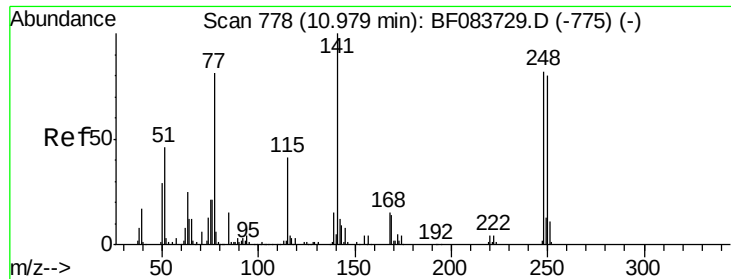
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF083875.D
 Acq: 17 Dec 2015 8:40

Tgt Ion:188 Resp: 293045
 Ion Ratio Lower Upper
 188 100
 94 9.5 9.4 14.2
 80 9.9 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

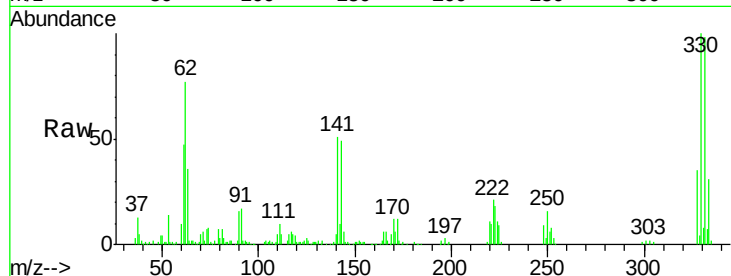




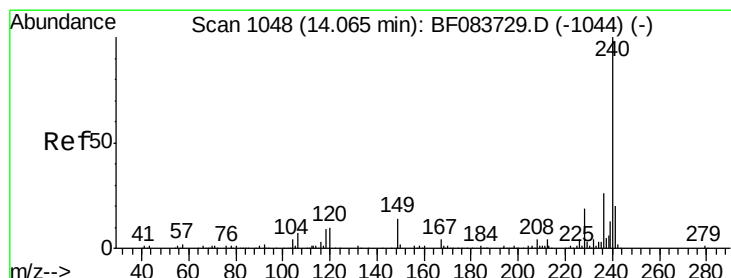
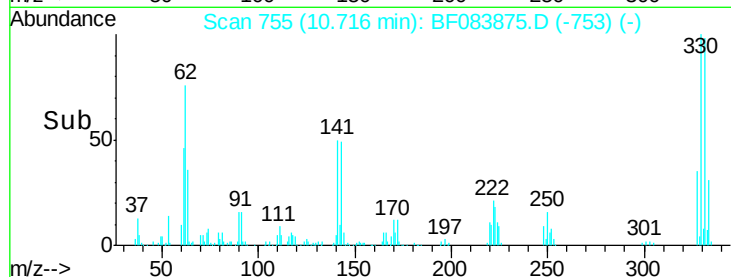
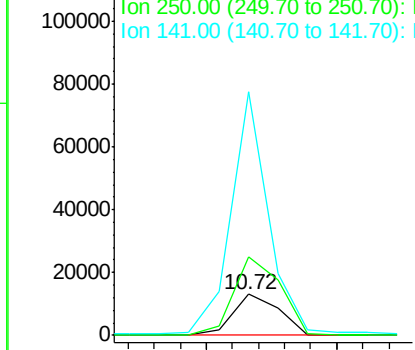
#66
 4-Bromophenyl-phenylether
 Concen: 4.91 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.27 min
 Lab File: BF083875.D
 Acq: 17 Dec 2015 8:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 16096
 Ion Ratio Lower Upper
 248 100
 250 189.0 79.2 118.8#
 141 589.3 58.2 87.4#

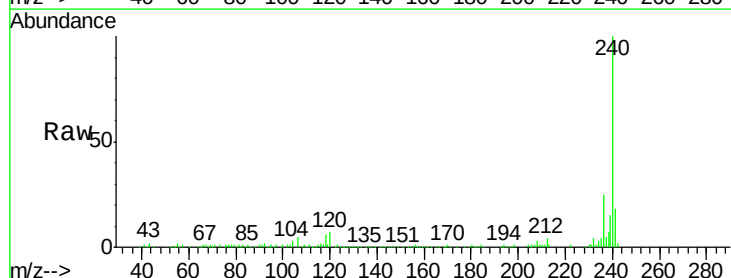


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

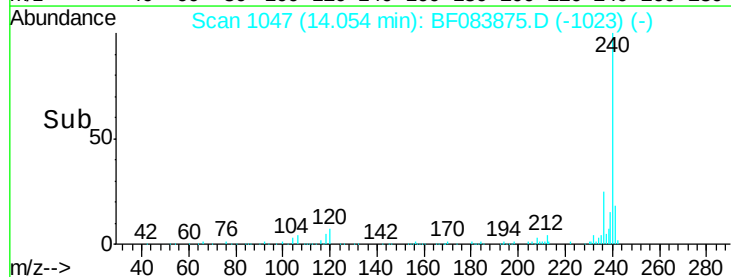
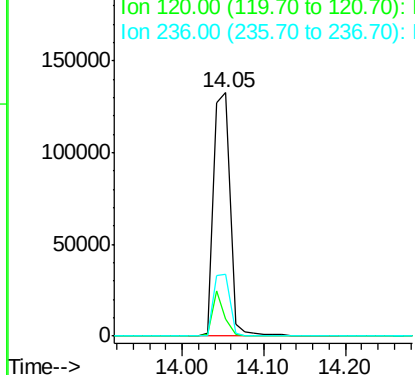


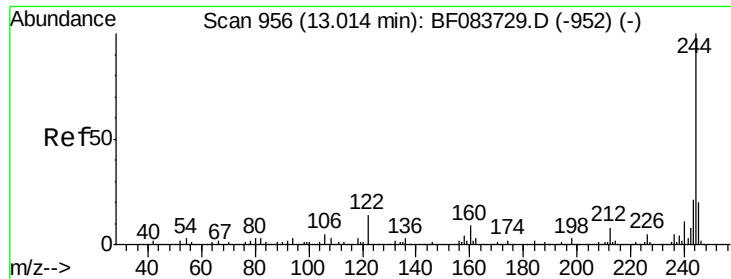
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF083875.D
 Acq: 17 Dec 2015 8:40

Tgt Ion:240 Resp: 188736
 Ion Ratio Lower Upper
 240 100
 120 7.1 8.1 12.1#
 236 25.2 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

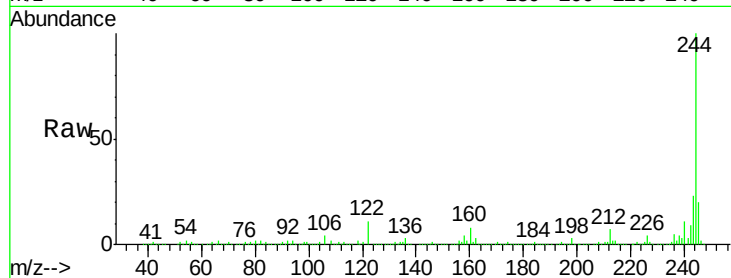




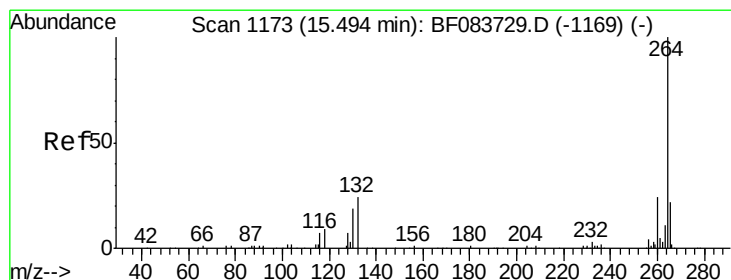
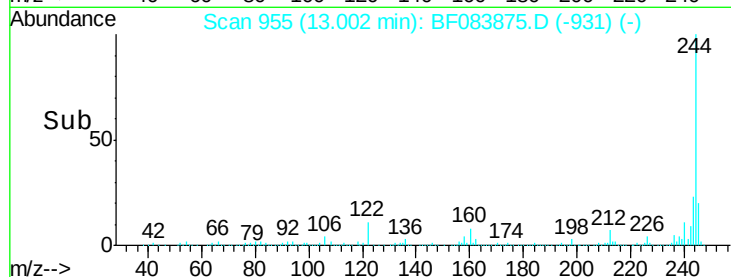
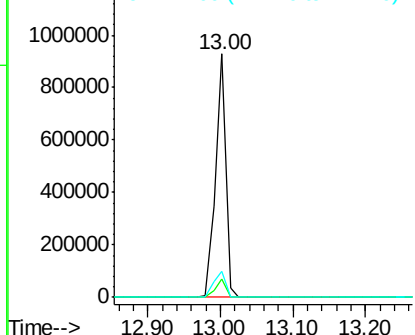
#78
 Terphenyl-d14
 Concen: 104.07 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083875.D
 Acq: 17 Dec 2015 8:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 913134
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 10.9 11.0 16.6#

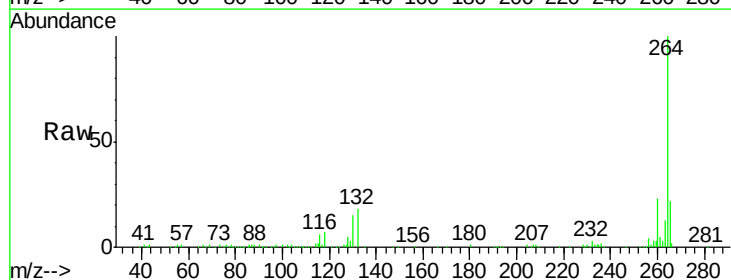


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF083875.D
 Acq: 17 Dec 2015 8:40

Tgt Ion:264 Resp: 164551
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.4 29.0
 265 21.5 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

