

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121615\
 Data File : BF083858.D
 Acq On : 16 Dec 2015 19:53
 Operator : UM/SJ
 Sample : G4775-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-A-20150872

Quant Time: Dec 17 03:25:05 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

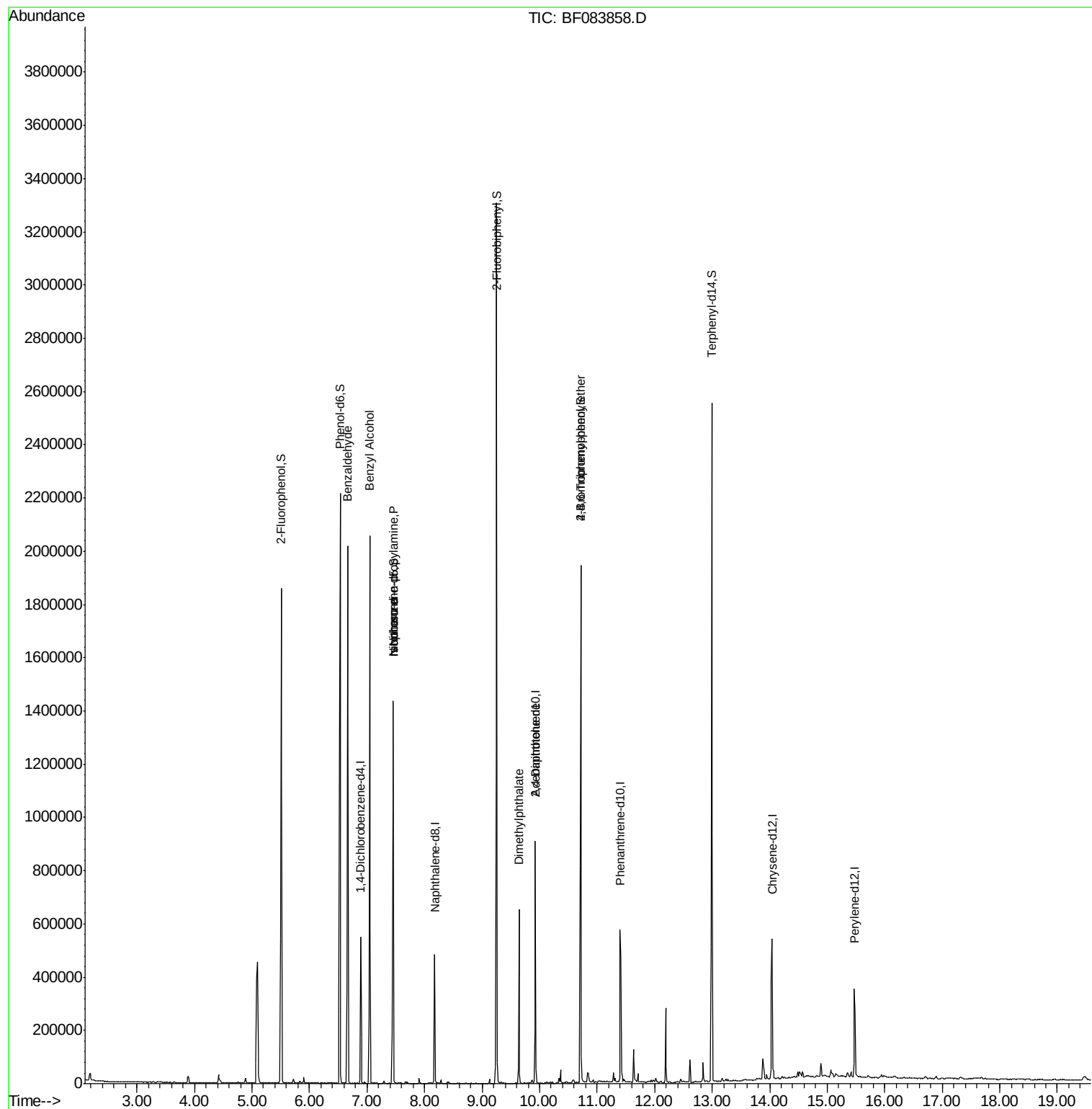
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	84548	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	346393	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	173113	20.00	ng	-0.03
63) Phenanthrene-d10	11.40	188	294750	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	218852	20.00	ng	-0.03
86) Perylene-d12	15.47	264	168970	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	760766	145.16	ng	-0.02
7) Phenol-d6	6.53	99	989813	149.14	ng	-0.01
23) Nitrobenzene-d5	7.46	82	649148	104.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	250708	142.13	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	1070248	93.44	ng	-0.03
78) Terphenyl-d14	12.99	244	908728	89.32	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.66	77	16426	4.61	ng	Qvalue 94
15) Benzyl Alcohol	7.05	79	10673	2.19	ng	# 53
19) n-Nitroso-di-n-propylamine	7.46	70	88473	21.77	ng	# 65
25) Isophorone	7.46	82	604862	49.79	ng	# 69
49) Dimethylphthalate	9.64	163	238946	17.70	ng	99
56) 2,4-Dinitrotoluene	9.93	165	22529	6.02	ng	# 12
66) 4-Bromophenyl-phenylether	10.72	248	17598	5.34	ng	# 1

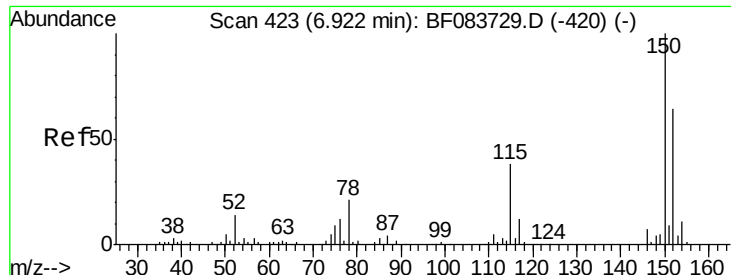
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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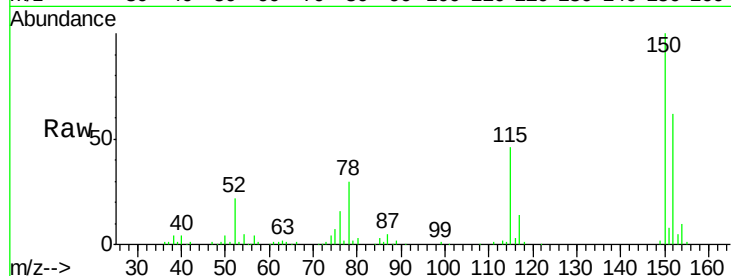




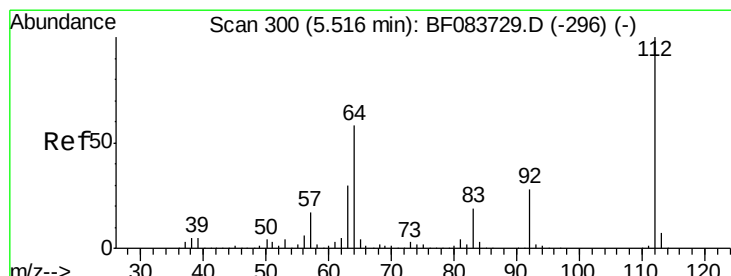
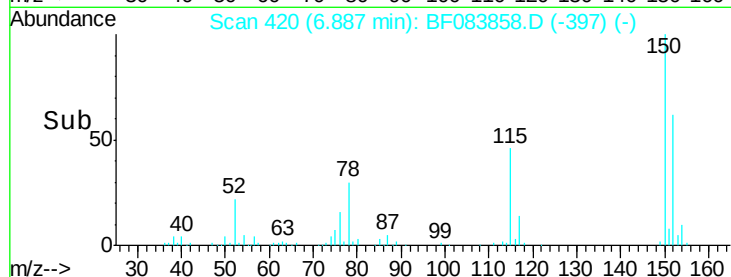
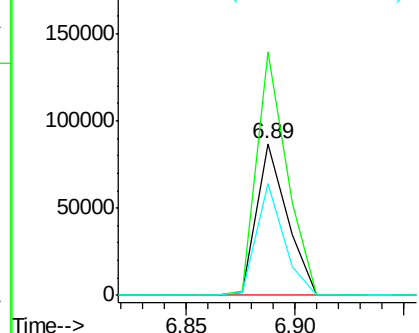
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.03 min
 Lab File: BF083858.D
 Acq: 16 Dec 2015 19:53

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-A-20150872

Tgt Ion:152 Resp: 84548
 Ion Ratio Lower Upper
 152 100
 150 160.7 126.5 189.7
 115 73.9 52.3 78.5

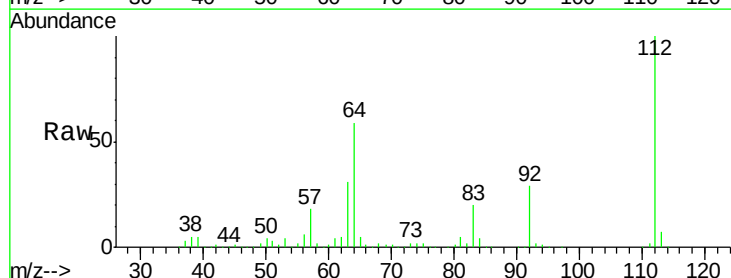


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

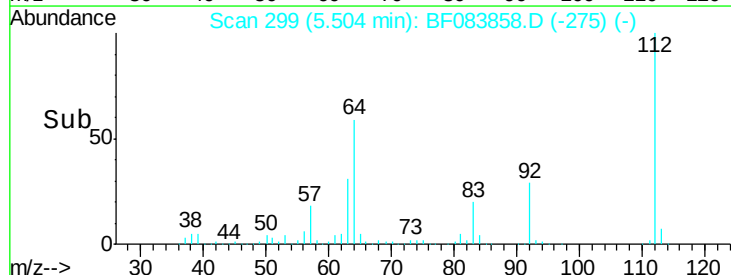
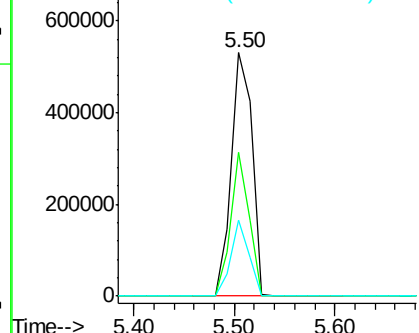


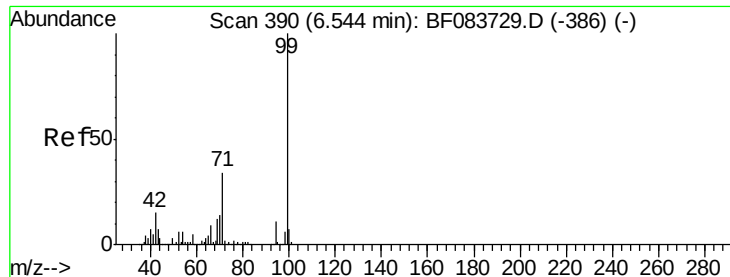
#5
 2-Fluorophenol
 Concen: 145.16 ng
 RT: 5.50 min Scan# 299
 Delta R.T. -0.02 min
 Lab File: BF083858.D
 Acq: 16 Dec 2015 19:53

Tgt Ion:112 Resp: 760766
 Ion Ratio Lower Upper
 112 100
 64 58.8 50.5 75.7
 63 31.4 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: 149.14 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083858.D

Acq: 16 Dec 2015 19:53

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-A-20150872

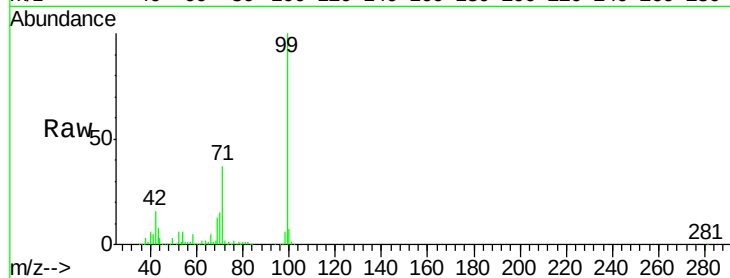
Tgt Ion: 99 Resp: 989813

Ion Ratio Lower Upper

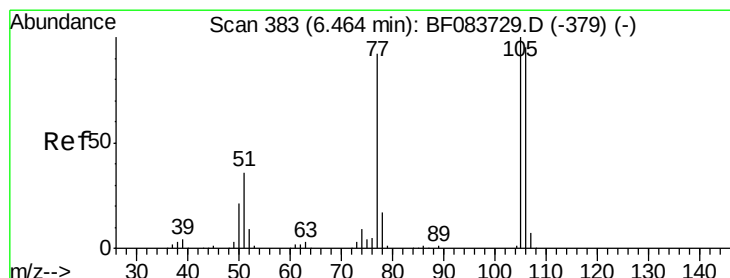
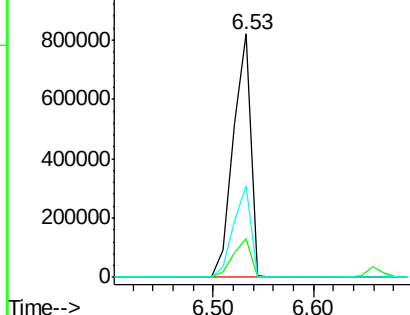
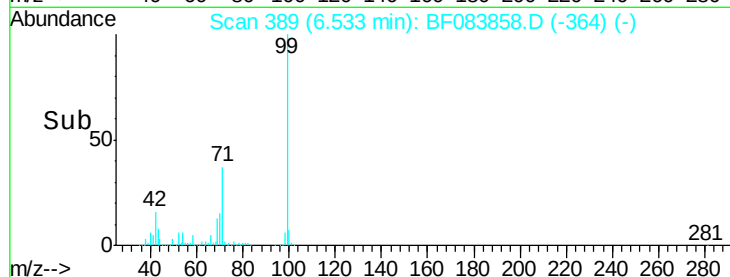
99 100

42 15.8 17.3 25.9#

71 37.4 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: 4.61 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.19 min

Lab File: BF083858.D

Acq: 16 Dec 2015 19:53

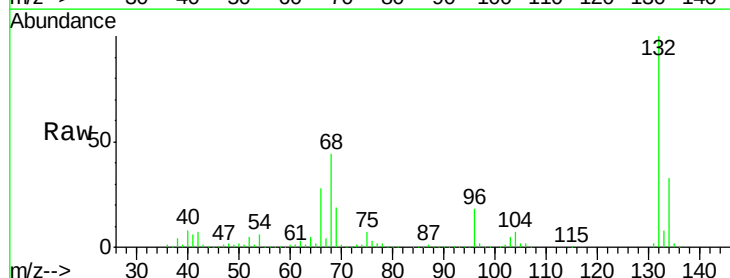
Tgt Ion: 77 Resp: 16426

Ion Ratio Lower Upper

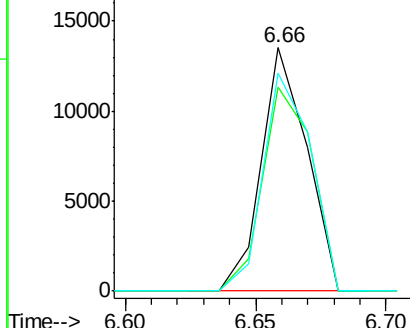
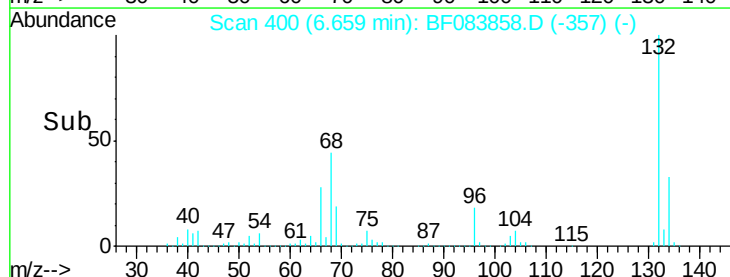
77 100

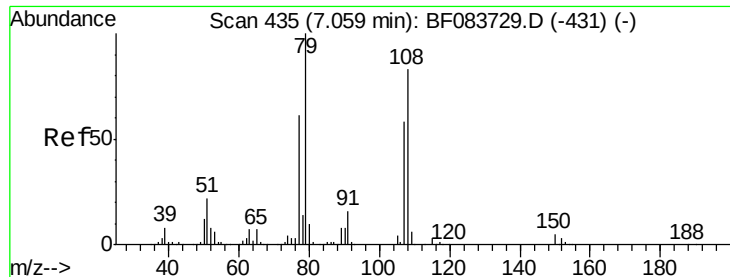
105 84.0 71.8 111.8

106 89.6 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: 2.19 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083858.D

Acq: 16 Dec 2015 19:53

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-A-20150872

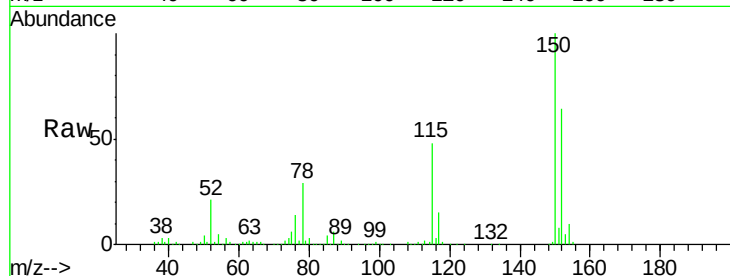
Tgt Ion: 79 Resp: 10673

Ion Ratio Lower Upper

79 100

108 29.9 59.6 89.4#

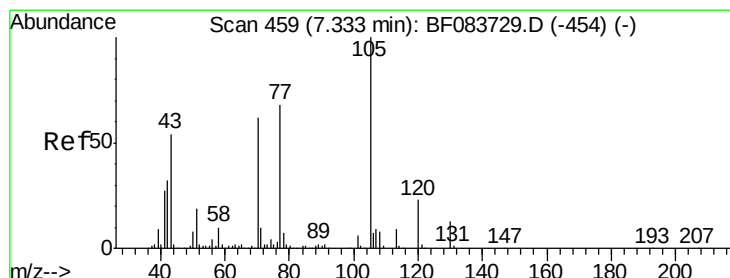
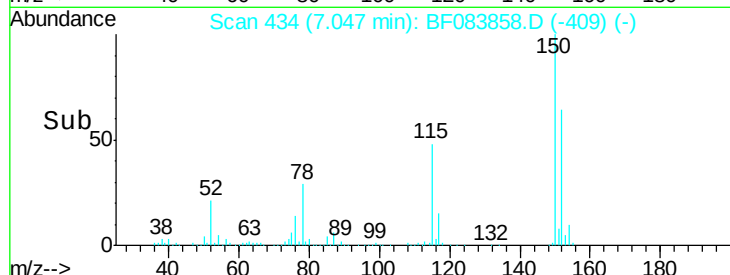
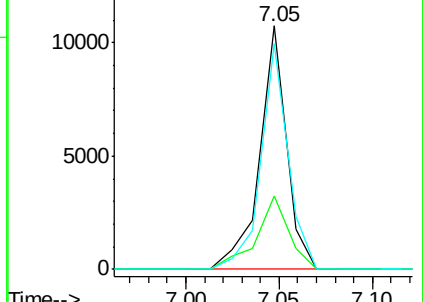
77 92.6 49.8 74.6#



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: 21.77 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.11 min

Lab File: BF083858.D

Acq: 16 Dec 2015 19:53

Tgt Ion: 70 Resp: 88473

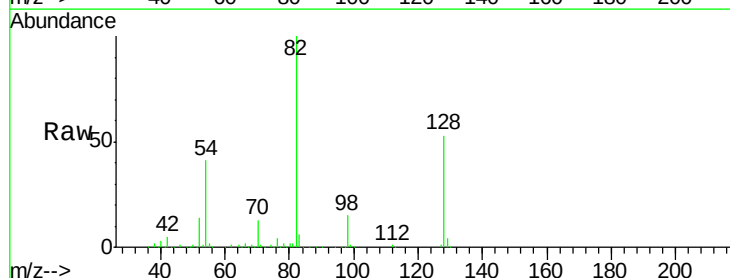
Ion Ratio Lower Upper

70 100

42 34.2 49.2 73.8#

101 0.0 7.1 10.7#

130 2.3 15.4 23.0#

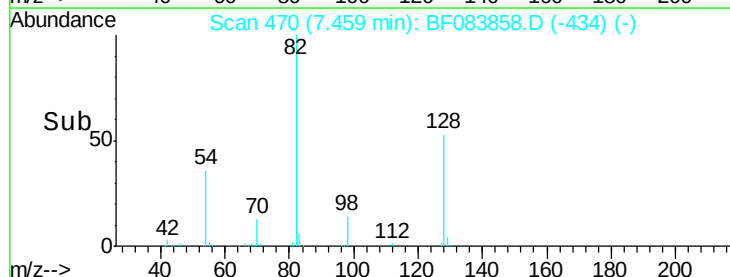
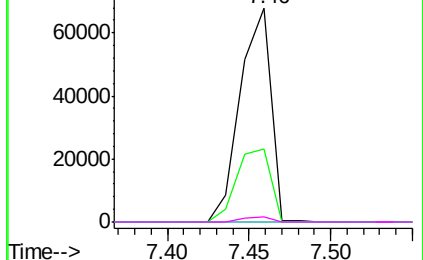


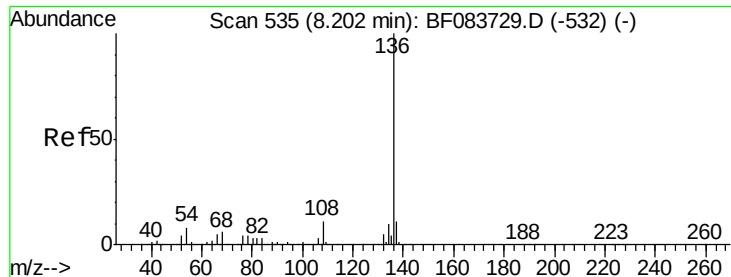
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

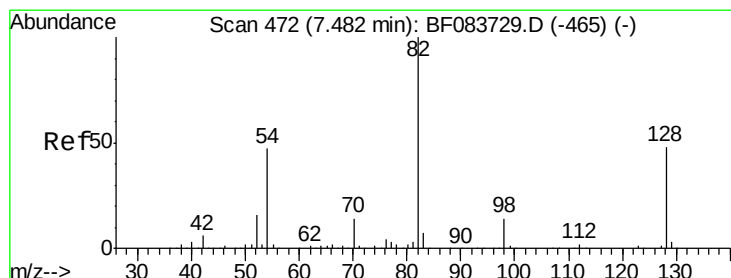
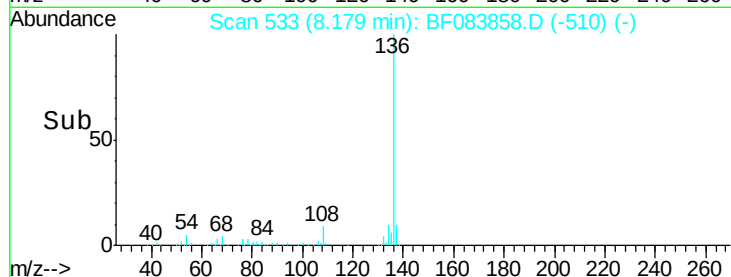
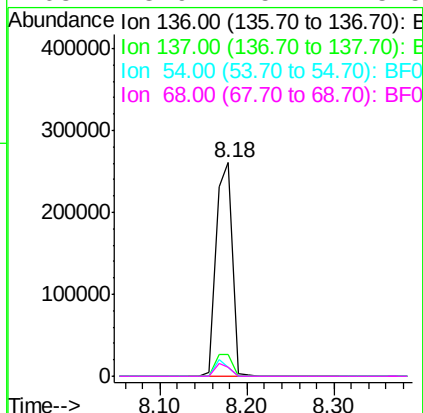
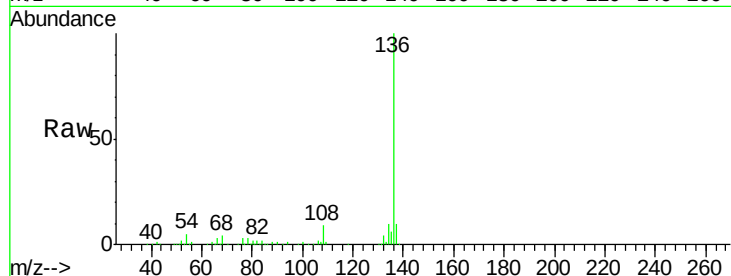




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083858.D
Acq: 16 Dec 2015 19:53

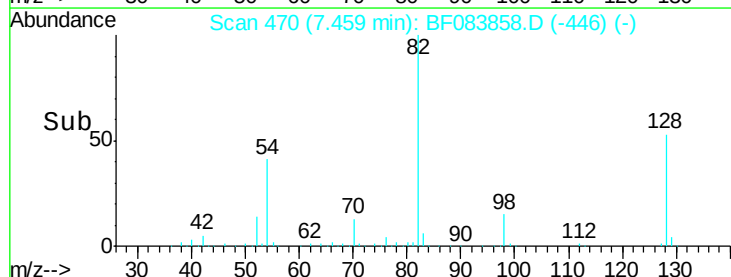
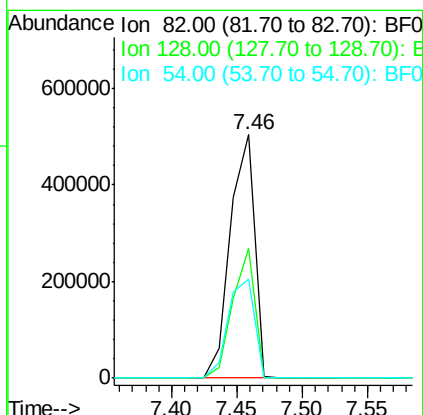
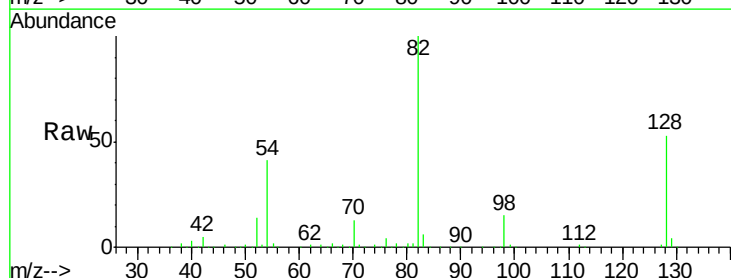
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872

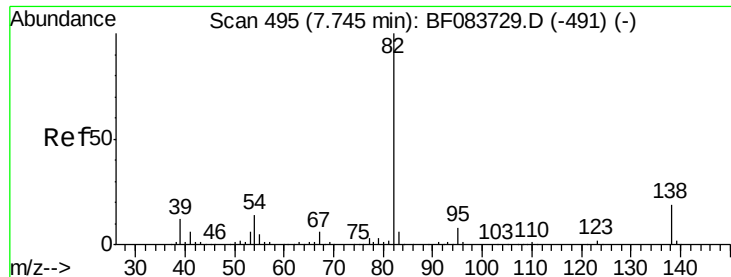
Tgt Ion:	136	Resp:	346393
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	4.5	7.8	11.6#
68	3.9	5.7	8.5#



#23
Nitrobenzene-d5
Concen: 104.85 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083858.D
Acq: 16 Dec 2015 19:53

Tgt Ion:	82	Resp:	649148
Ion	Ratio	Lower	Upper
82	100		
128	53.4	30.7	46.1#
54	40.9	42.5	63.7#





#25

Isophorone

Concen: 49.79 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.29 min

Lab File: BF083858.D

Acq: 16 Dec 2015 19:53

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-A-20150872

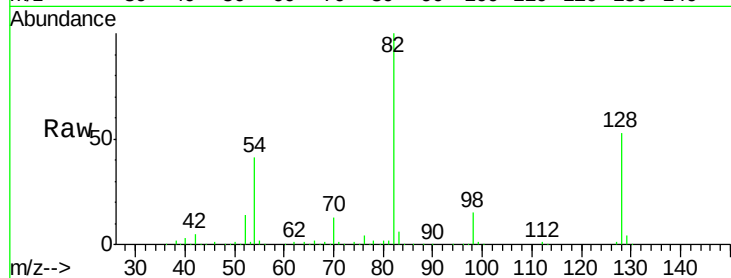
Tgt Ion: 82 Resp: 604862

Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

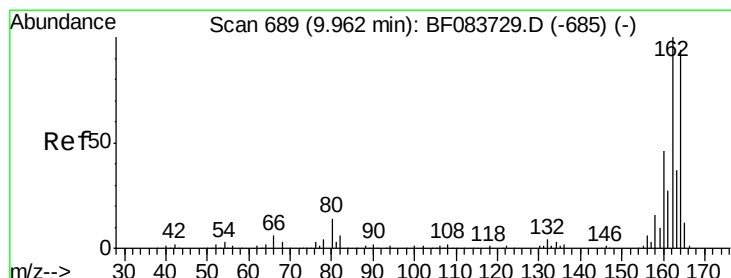
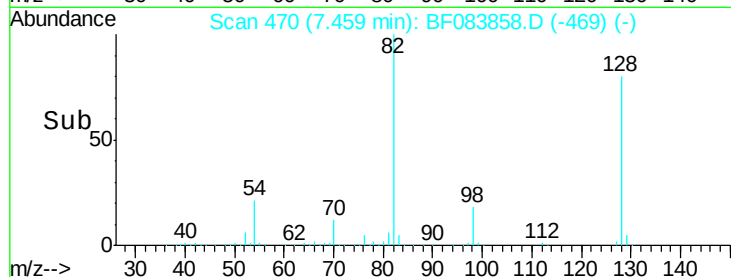
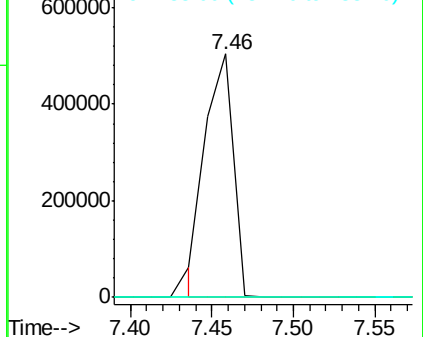
138 0.0 12.1 18.1#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF083858.D

Acq: 16 Dec 2015 19:53

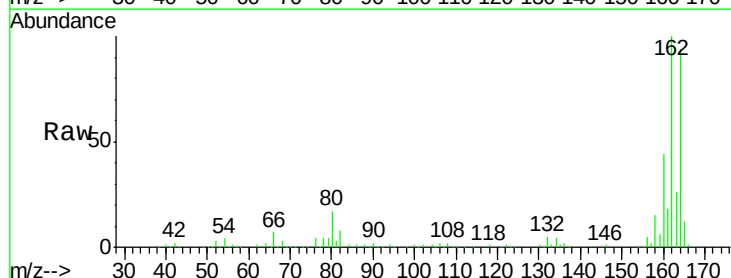
Tgt Ion: 164 Resp: 173113

Ion Ratio Lower Upper

164 100

162 106.0 78.8 118.2

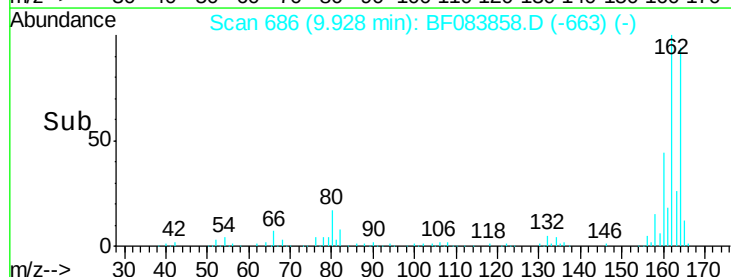
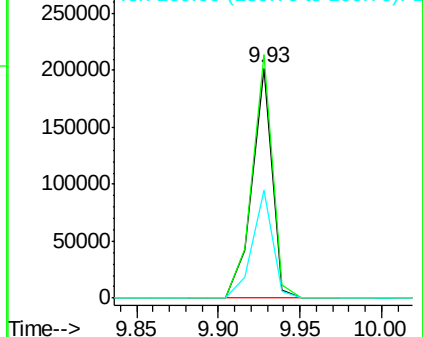
160 46.9 33.4 50.2

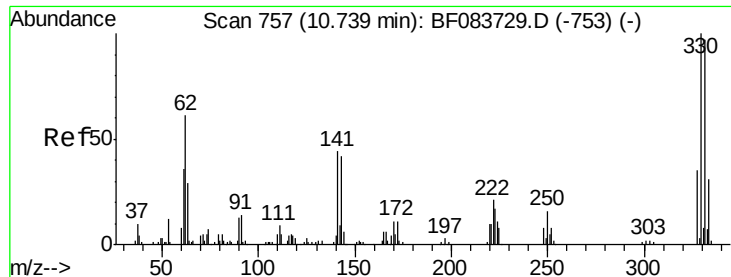


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

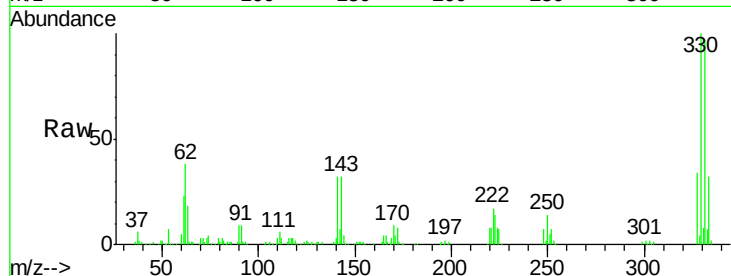




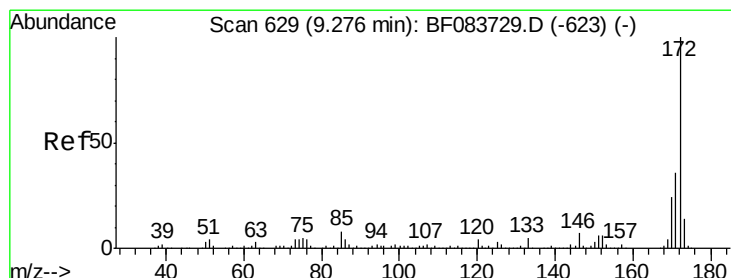
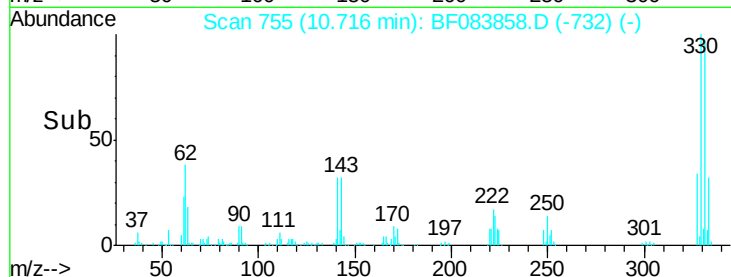
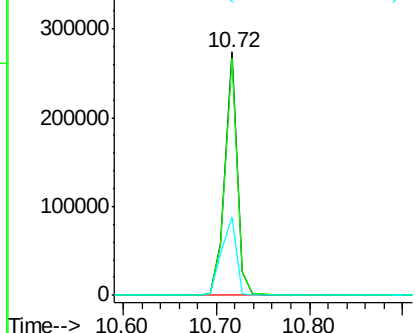
#41
 2,4,6-Tribromophenol
 Concen: 142.13 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.03 min
 Lab File: BF083858.D
 Acq: 16 Dec 2015 19:53

Instrument :
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	0.0	0.0#
141	38.2	0.0	0.0#

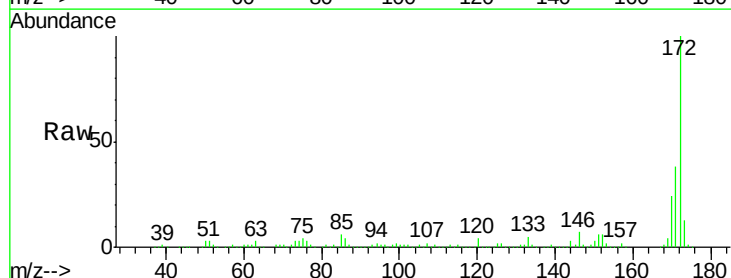


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

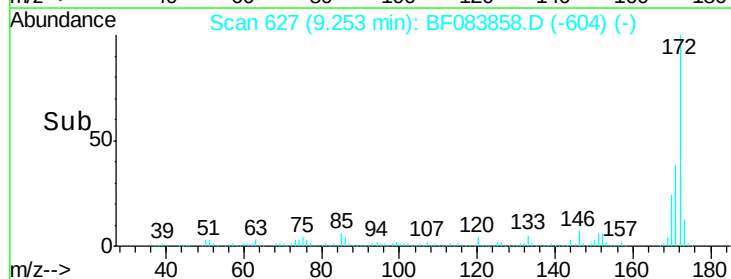
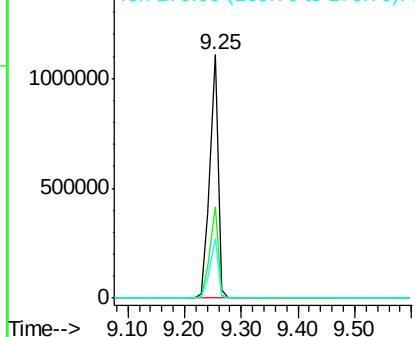


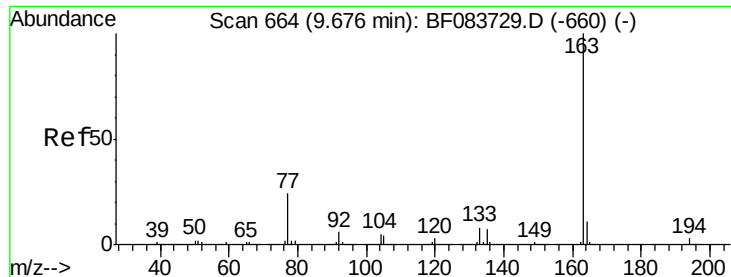
#44
 2-Fluorobiphenyl
 Concen: 93.44 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083858.D
 Acq: 16 Dec 2015 19:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.6	42.8
170	24.5	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

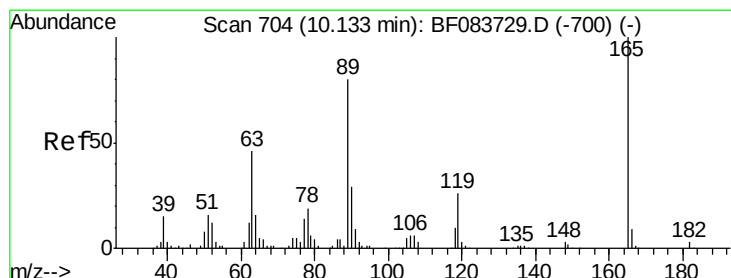
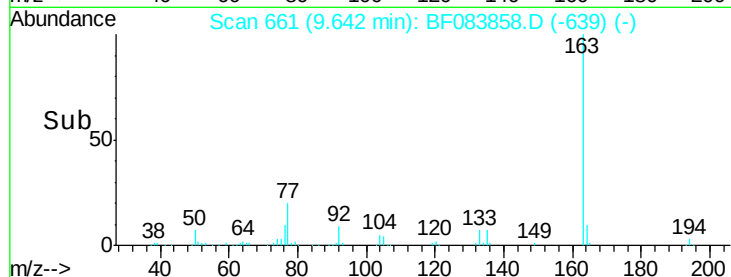
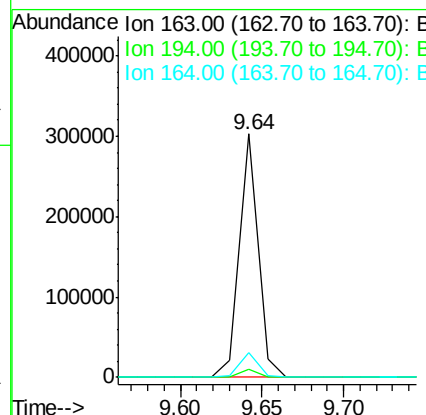
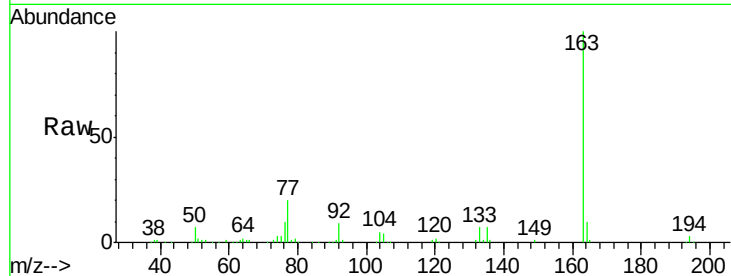




#49
Dimethylphthalate
Concen: 17.70 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.05 min
Lab File: BF083858.D
Acq: 16 Dec 2015 19:53

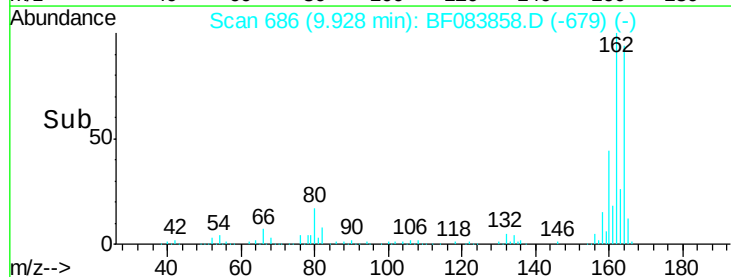
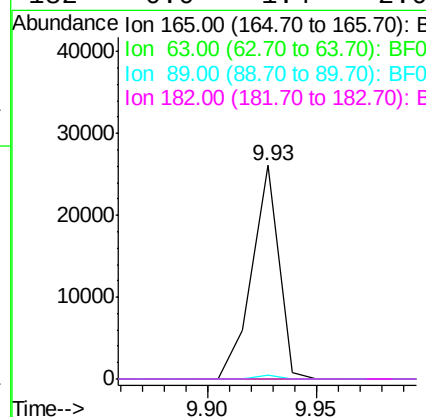
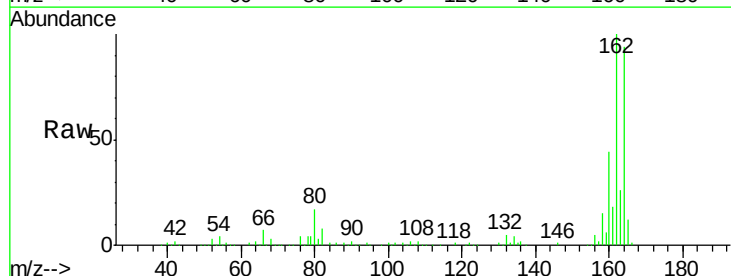
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872

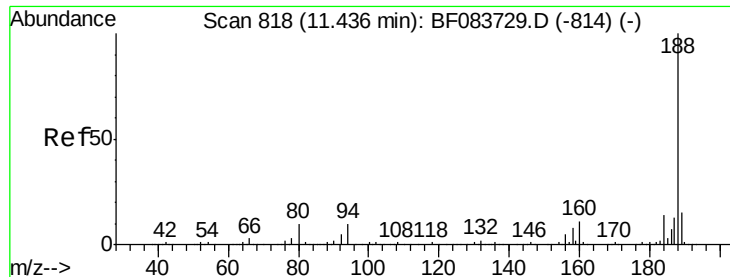
Tgt Ion:163 Resp: 238946
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.4 8.6 13.0



#56
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.22 min
Lab File: BF083858.D
Acq: 16 Dec 2015 19:53

Tgt Ion:165 Resp: 22529
Ion Ratio Lower Upper
165 100
63 0.0 51.4 77.2#
89 1.7 72.6 108.8#
182 0.0 1.4 2.0#

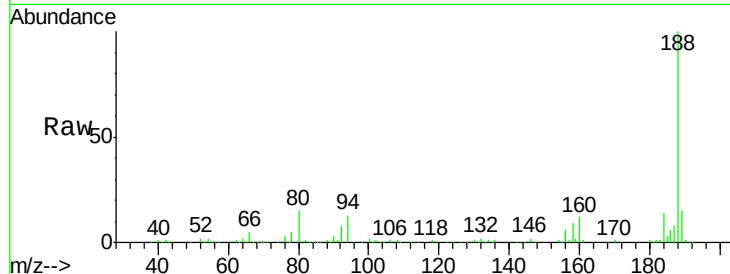




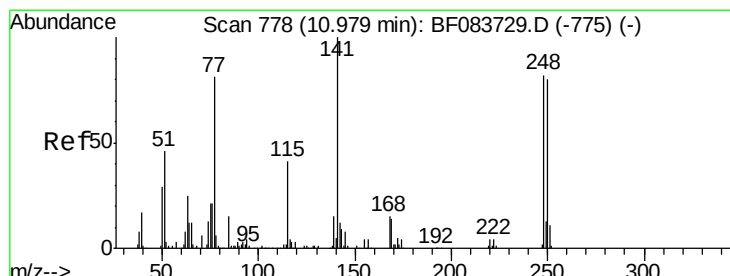
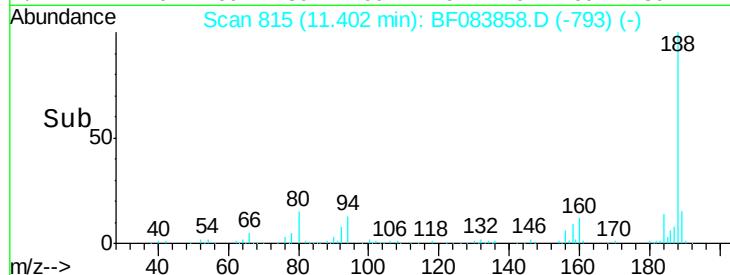
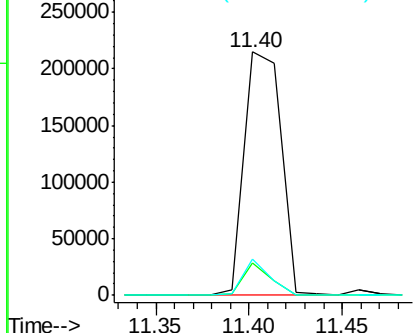
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.05 min
Lab File: BF083858.D
Acq: 16 Dec 2015 19:53

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872

Tgt Ion:188 Resp: 294750
Ion Ratio Lower Upper
188 100
94 13.3 9.4 14.2
80 14.8 10.6 16.0

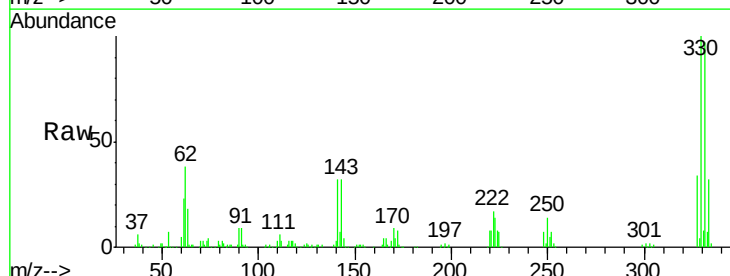


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

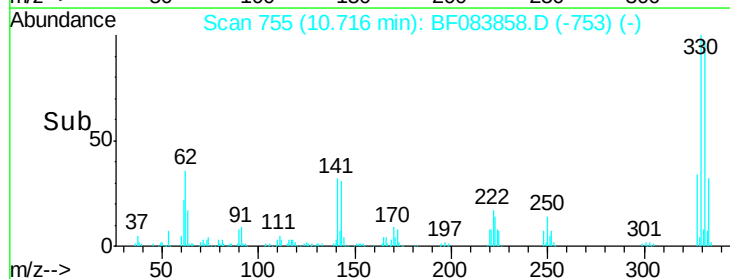
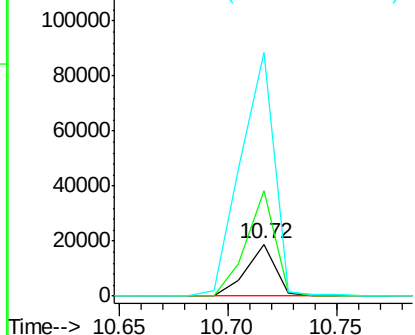


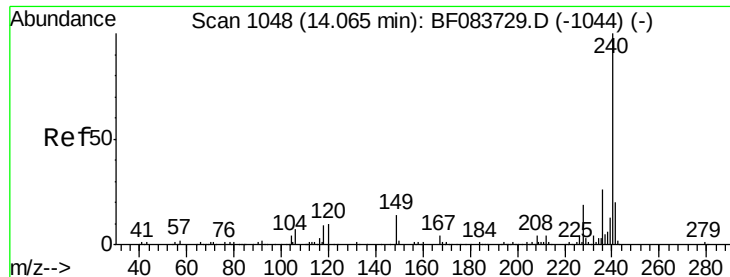
#66
4-Bromophenyl-phenylether
Concen: 5.34 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.27 min
Lab File: BF083858.D
Acq: 16 Dec 2015 19:53

Tgt Ion:248 Resp: 17598
Ion Ratio Lower Upper
248 100
250 202.6 79.2 118.8#
141 470.0 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: BF083858.D

Acq: 16 Dec 2015 19:53

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-A-20150872

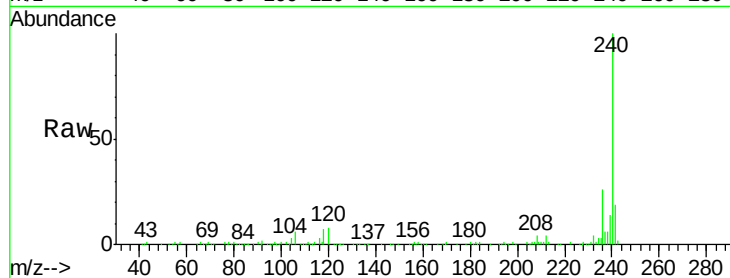
Tgt Ion:240 Resp: 218852

Ion Ratio Lower Upper

240 100

120 8.4 8.1 12.1

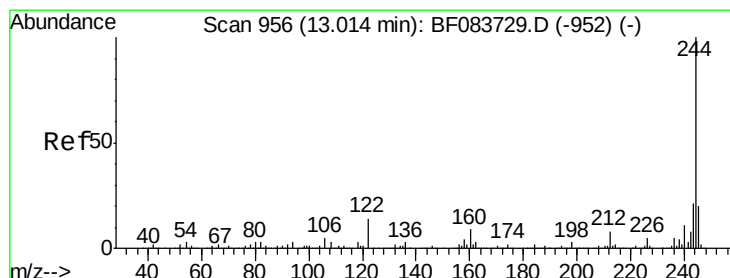
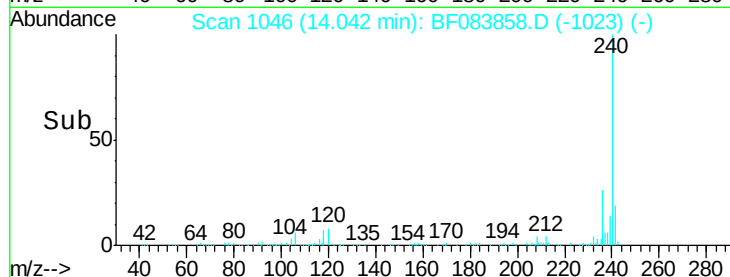
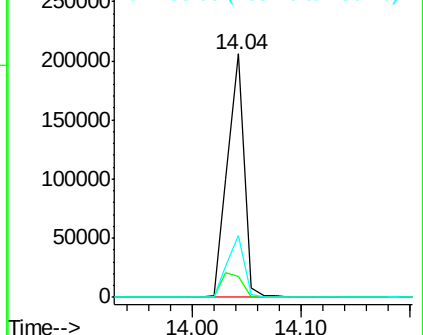
236 25.5 20.8 31.2



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: 89.32 ng

RT: 12.99 min Scan# 954

Delta R.T. -0.03 min

Lab File: BF083858.D

Acq: 16 Dec 2015 19:53

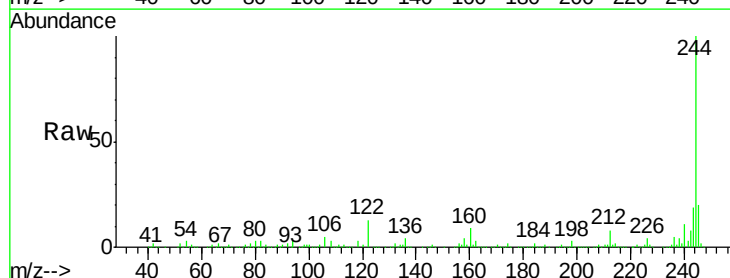
Tgt Ion:244 Resp: 908728

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

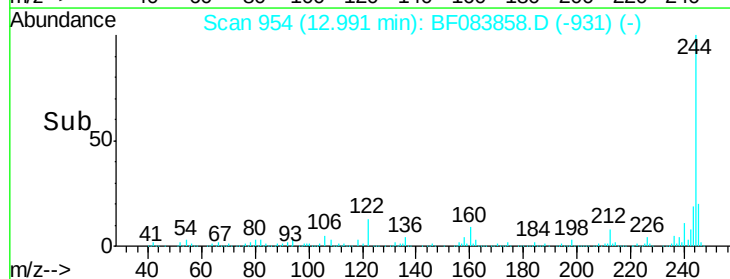
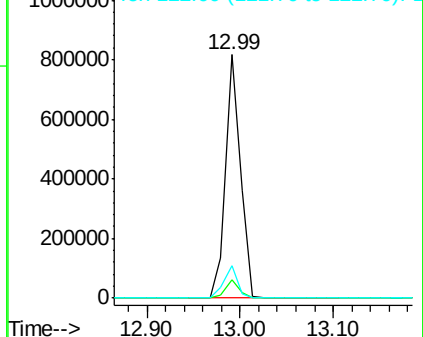
122 13.4 11.0 16.6

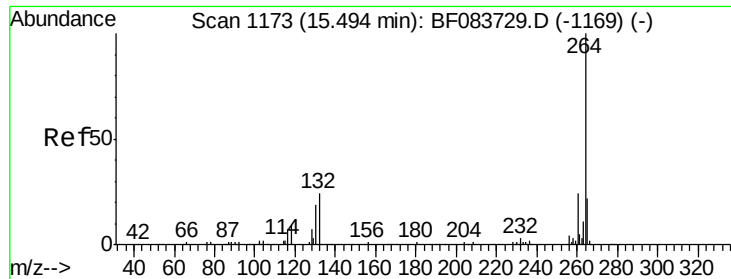


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.47 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BF083858.D
Acq: 16 Dec 2015 19:53

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872

Tgt Ion: 264 Resp: 168970
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.0
265 21.7 17.8 26.6

