

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121615\
 Data File : BF083859.D
 Acq On : 16 Dec 2015 20:21
 Operator : UM/SJ
 Sample : G4775-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-B-20150873

Quant Time: Dec 17 03:25:18 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

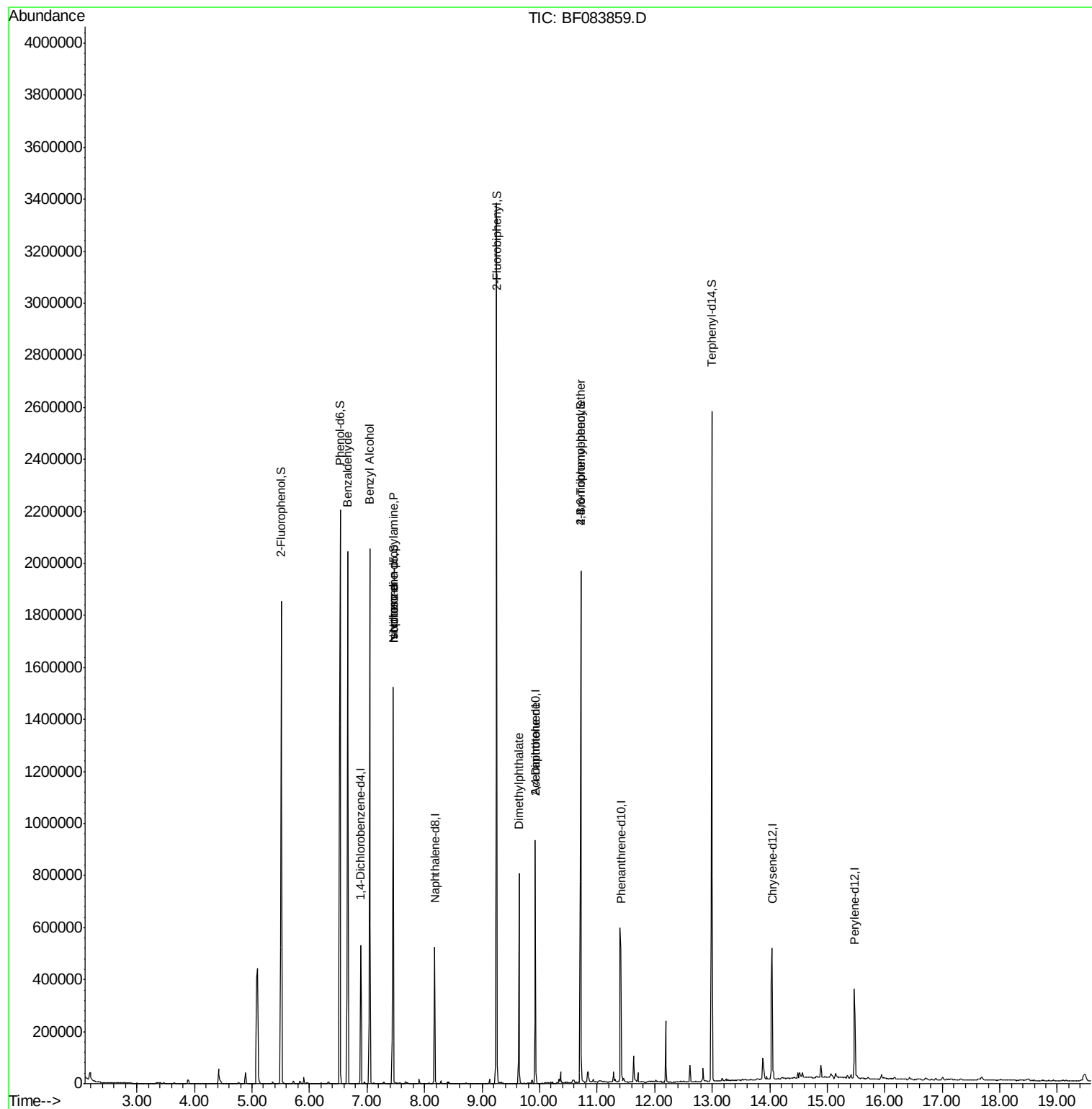
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	86080	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	358450	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	181554	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	310383	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	214041	20.00	ng	-0.03
86) Perylene-d12	15.47	264	173823	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	756933	141.86	ng	-0.02
7) Phenol-d6	6.53	99	987292	146.11	ng	-0.01
23) Nitrobenzene-d5	7.46	82	649959	101.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	246533	133.26	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	1089410	89.31	ng	-0.03
78) Terphenyl-d14	12.99	244	897548	90.20	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.66	77	17336	4.78	ng	Qvalue 91
15) Benzyl Alcohol	7.05	79	10819	2.18	ng	# 50
19) n-Nitroso-di-n-propylamine	7.46	70	88650	21.43	ng	# 67
25) Isophorone	7.46	82	607736	48.35	ng	# 69
49) Dimethylphthalate	9.64	163	299982	21.19	ng	98
56) 2,4-Dinitrotoluene	9.93	165	22946	5.85	ng	# 13
66) 4-Bromophenyl-phenylether	10.72	248	17517	5.05	ng	# 1

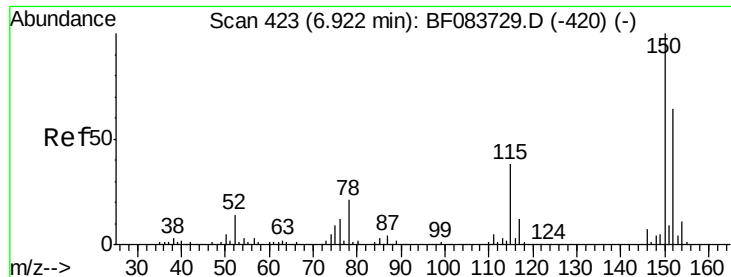
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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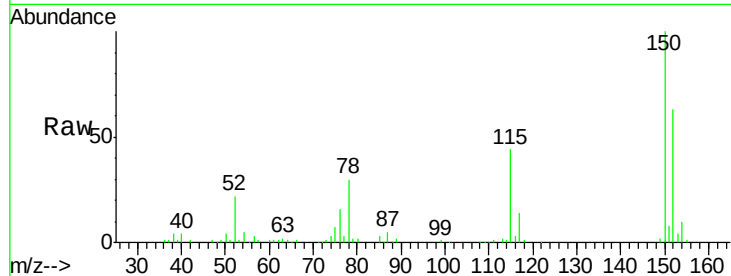


#1

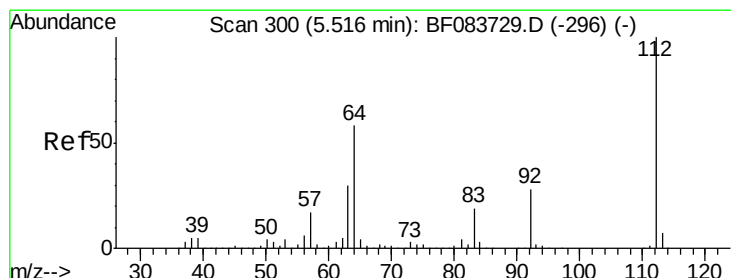
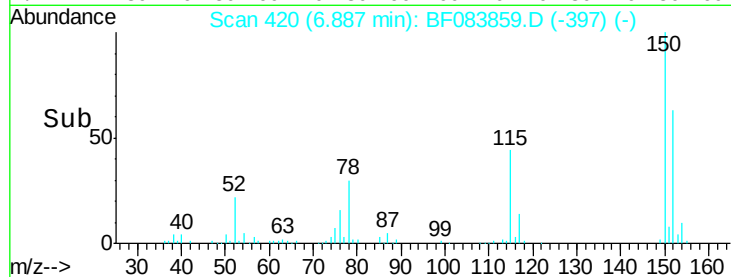
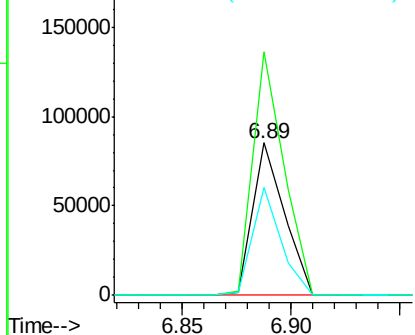
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF083859.D
Acq: 16 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-B-20150873

Tgt Ion:152 Resp: 86080
Ion Ratio Lower Upper
152 100
150 159.9 126.5 189.7
115 71.0 52.3 78.5



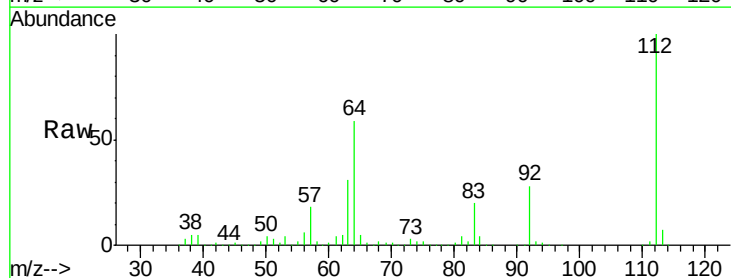
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



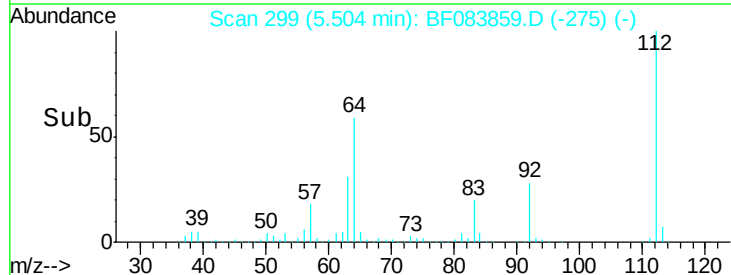
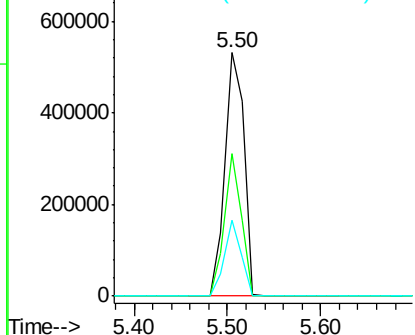
#5

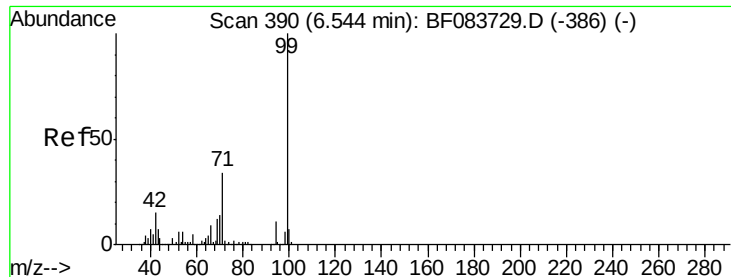
2-Fluorophenol
Concen: 141.86 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.02 min
Lab File: BF083859.D
Acq: 16 Dec 2015 20:21

Tgt Ion:112 Resp: 756933
Ion Ratio Lower Upper
112 100
64 58.5 50.5 75.7
63 31.0 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: 146.11 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083859.D

Acq: 16 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-B-20150873

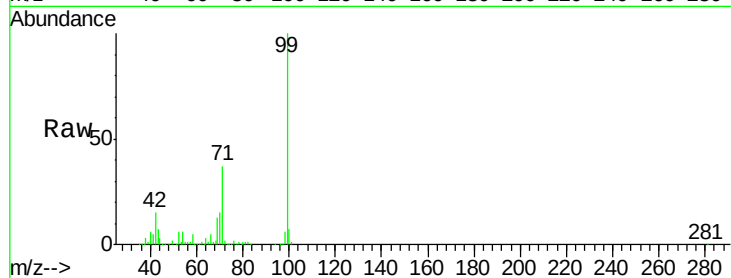
Tgt Ion: 99 Resp: 987292

Ion Ratio Lower Upper

99 100

42 15.4 17.3 25.9#

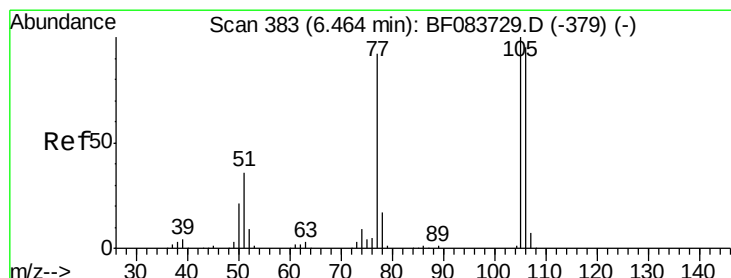
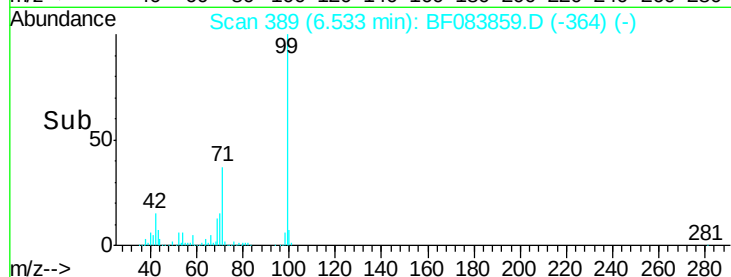
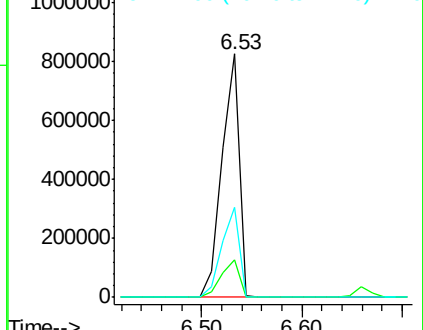
71 36.9 26.6 40.0



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: 4.78 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.19 min

Lab File: BF083859.D

Acq: 16 Dec 2015 20:21

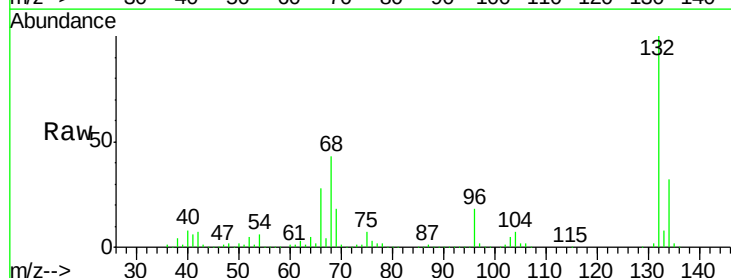
Tgt Ion: 77 Resp: 17336

Ion Ratio Lower Upper

77 100

105 79.4 71.8 111.8

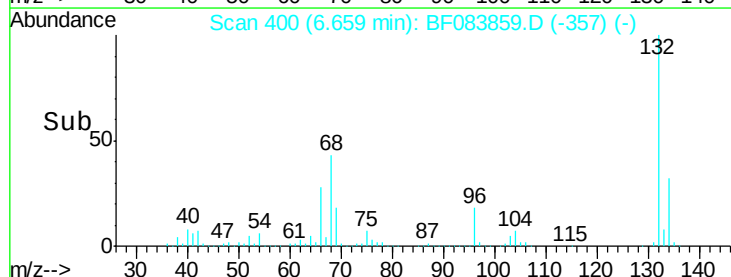
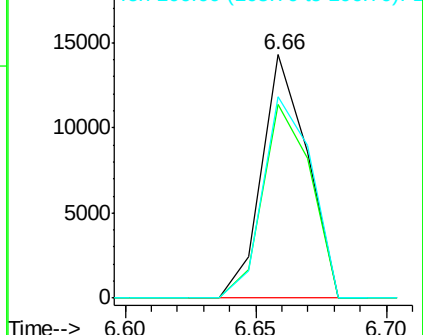
106 82.8 66.8 106.8

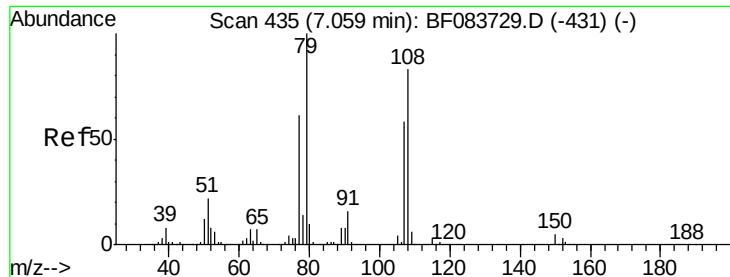


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083859.D

Acq: 16 Dec 2015 20:21

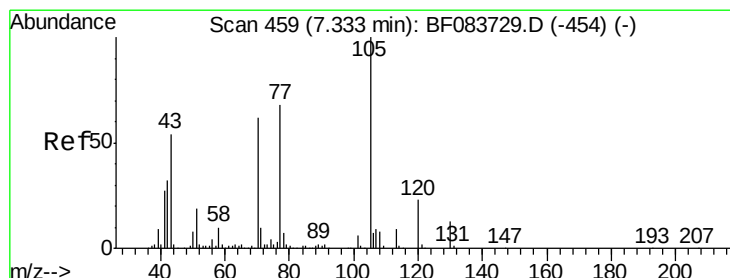
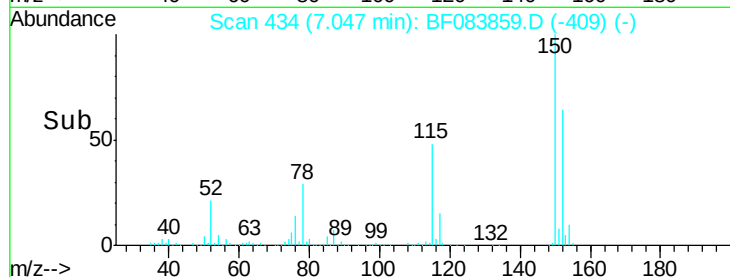
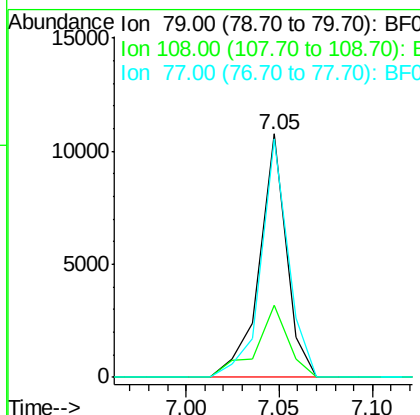
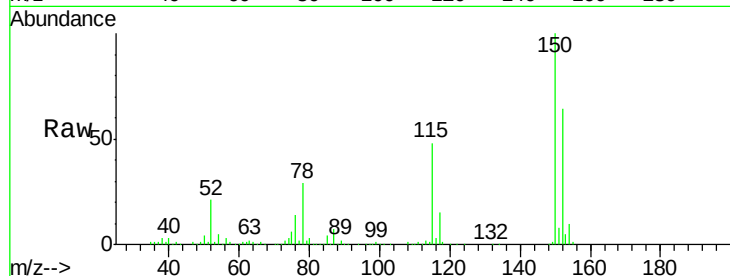
Instrument :

BNA_F

ClientSampleId :

COMPOSITE-B-20150873

Tgt Ion:	79	Resp:	10819
Ion	Ratio	Lower	Upper
79	100		
108	29.7	59.6	89.4#
77	97.8	49.8	74.6#



#19

n-Nitroso-di-n-propylamine

Concen: 21.43 ng

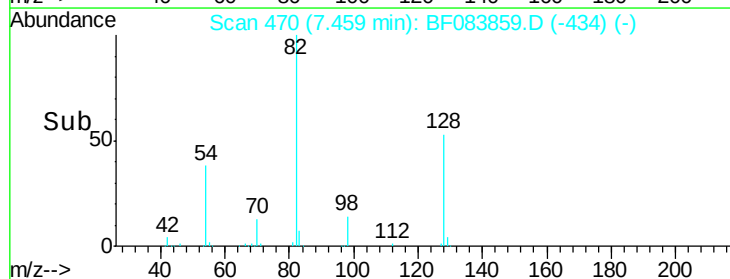
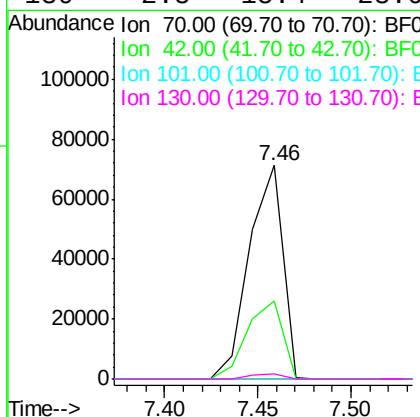
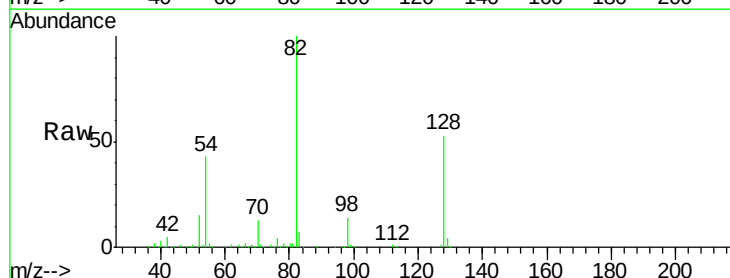
RT: 7.46 min Scan# 470

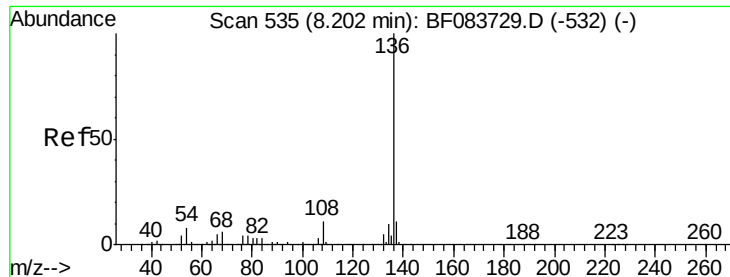
Delta R.T. 0.11 min

Lab File: BF083859.D

Acq: 16 Dec 2015 20:21

Tgt Ion:	70	Resp:	88650
Ion	Ratio	Lower	Upper
70	100		
42	36.6	49.2	73.8#
101	0.0	7.1	10.7#
130	2.5	15.4	23.0#

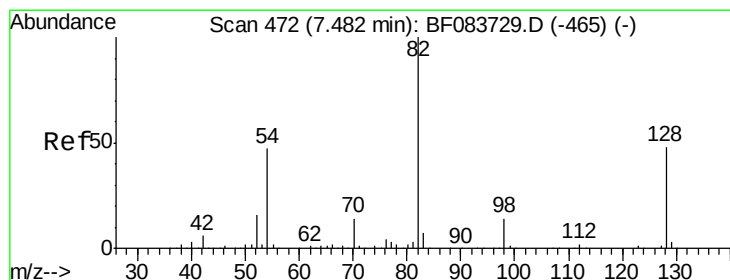
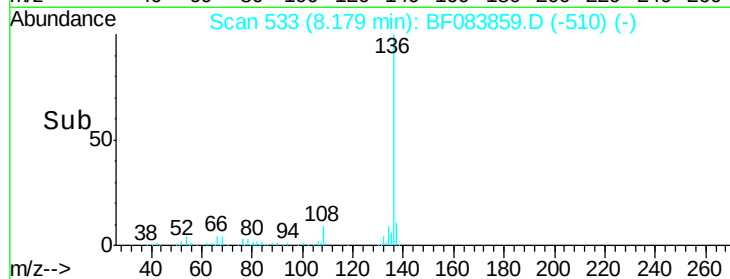
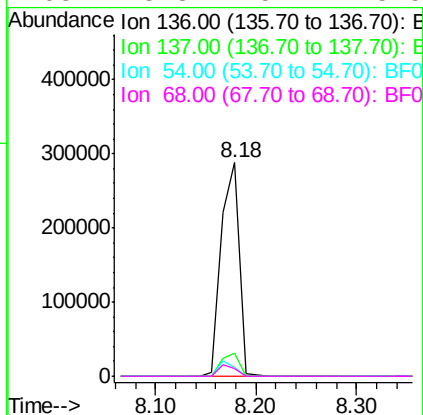
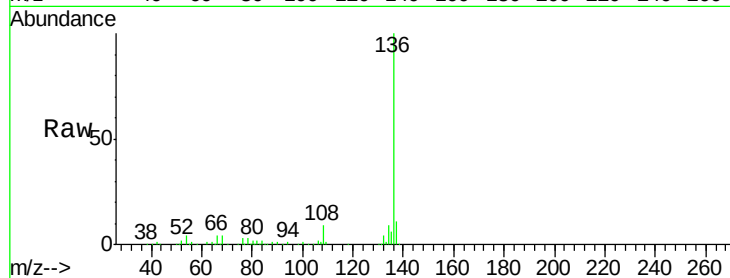




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083859.D
Acq: 16 Dec 2015 20:21

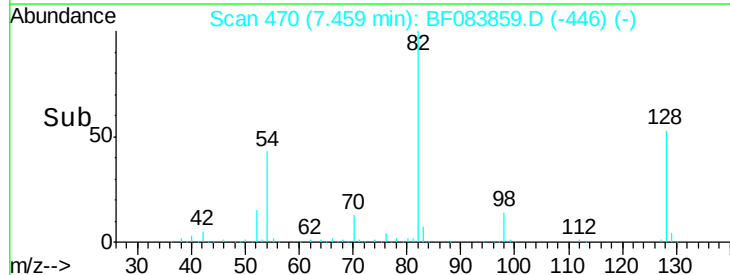
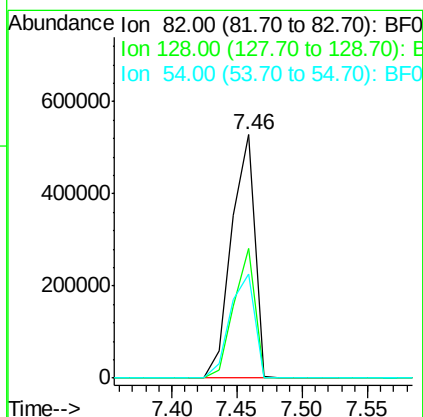
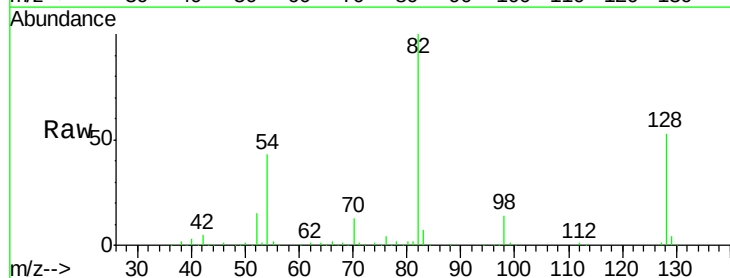
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-B-20150873

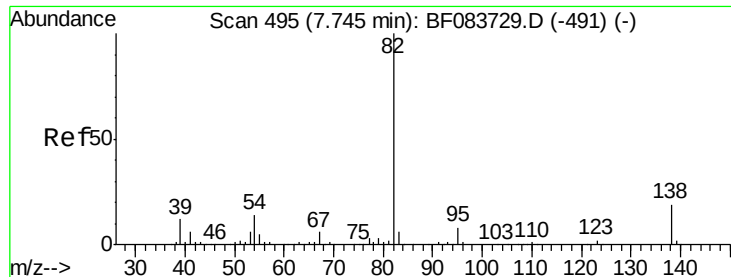
Tgt Ion:	136	Resp:	358450
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	4.3	7.8	11.6#
68	3.8	5.7	8.5#



#23
Nitrobenzene-d5
Concen: 101.45 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083859.D
Acq: 16 Dec 2015 20:21

Tgt Ion:	82	Resp:	649959
Ion	Ratio	Lower	Upper
82	100		
128	53.0	30.7	46.1#
54	42.7	42.5	63.7





#25

Isophorone

Concen: 48.35 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.29 min

Lab File: BF083859.D

Acq: 16 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-B-20150873

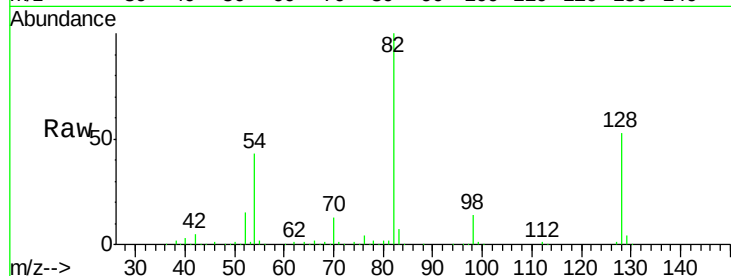
Tgt Ion: 82 Resp: 607736

Ion Ratio Lower Upper

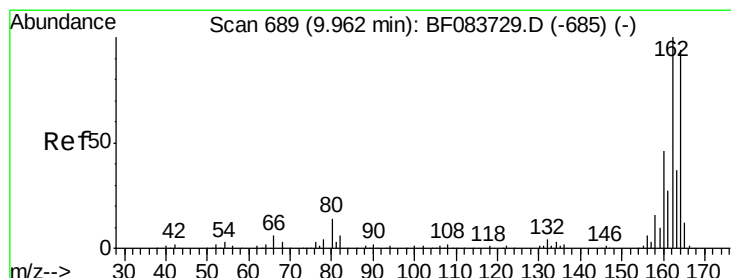
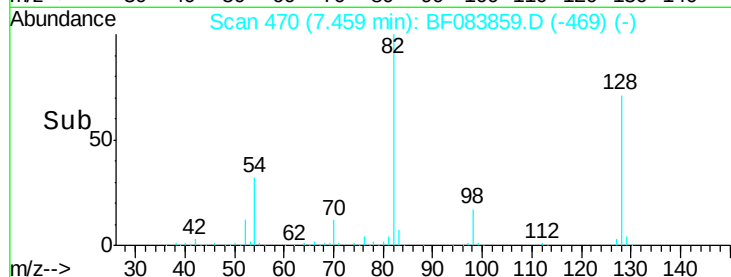
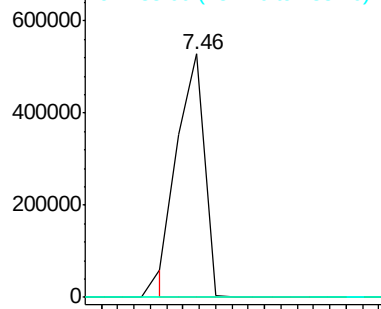
82 100

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: BF083859.D

Acq: 16 Dec 2015 20:21

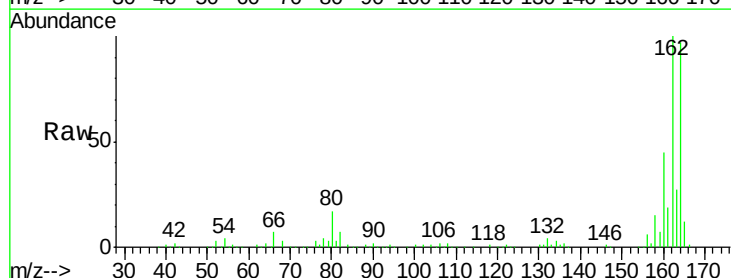
Tgt Ion: 164 Resp: 181554

Ion Ratio Lower Upper

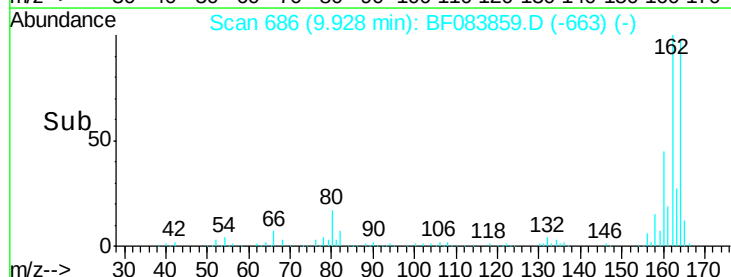
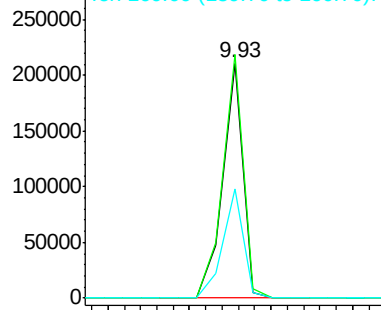
164 100

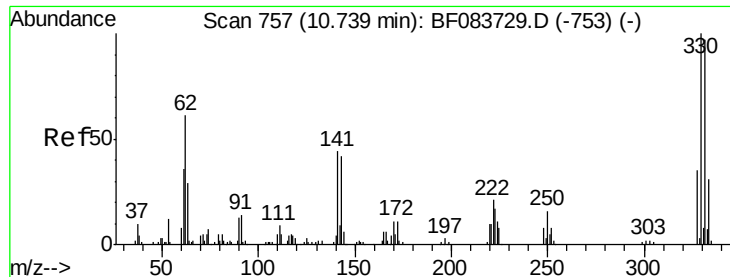
162 103.6 78.8 118.2

160 46.3 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

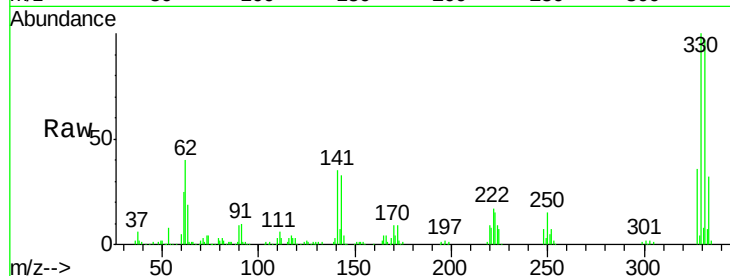




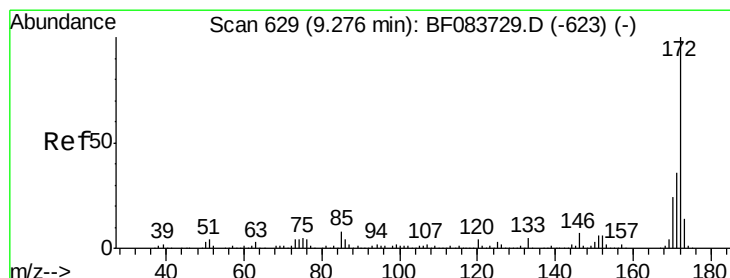
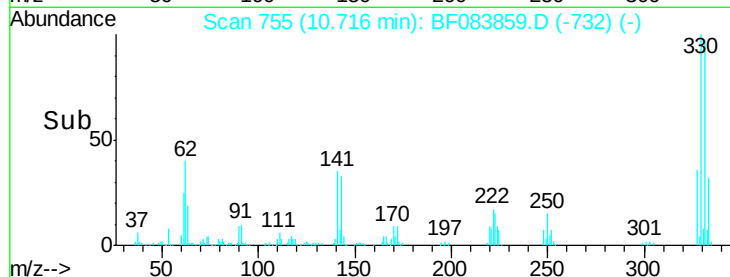
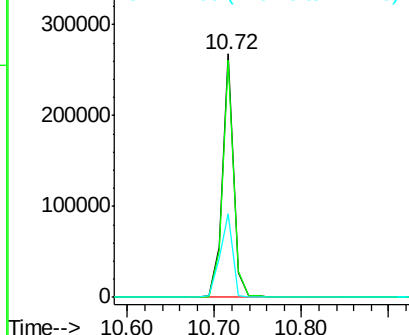
#41
 2,4,6-Tribromophenol
 Concen: 133.26 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.03 min
 Lab File: BF083859.D
 Acq: 16 Dec 2015 20:21

Instrument :
 BNA_F
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 COMPOSITE-B-20150873

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	39.1	0.0	0.0#

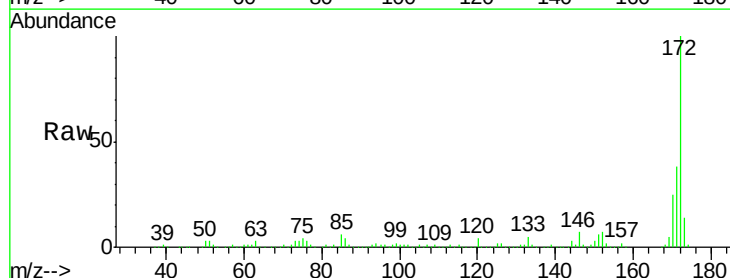


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

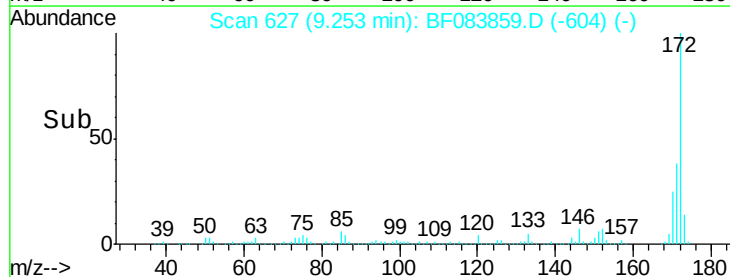
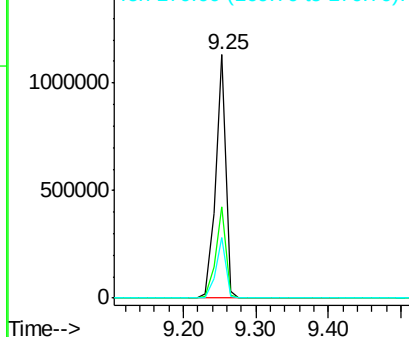


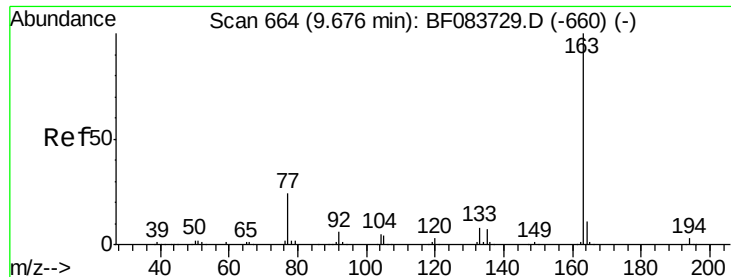
#44
 2-Fluorobiphenyl
 Concen: 89.31 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083859.D
 Acq: 16 Dec 2015 20:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.6	42.8
170	25.0	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

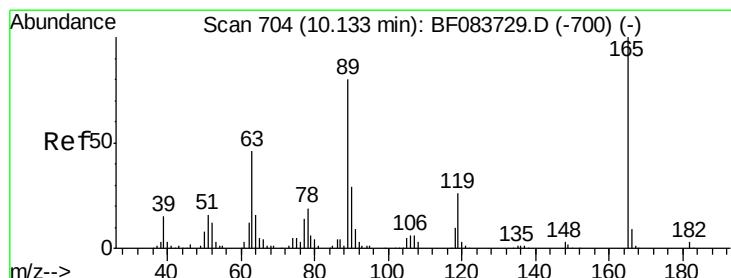
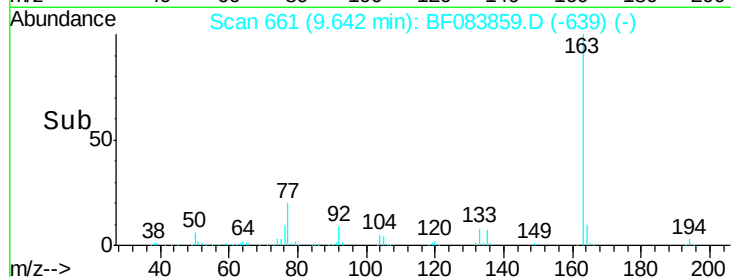
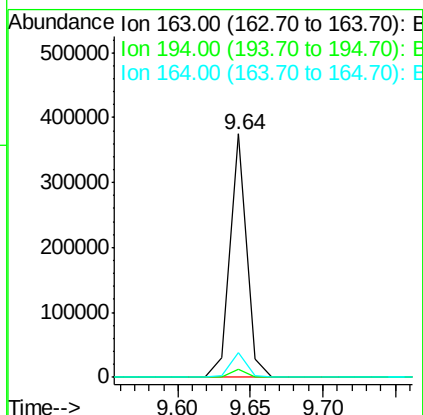
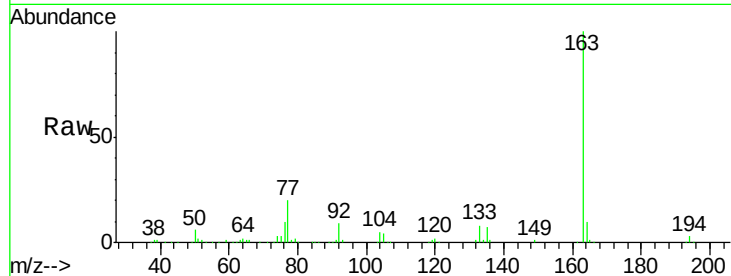




#49
Dimethylphthalate
Concen: 21.19 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.05 min
Lab File: BF083859.D
Acq: 16 Dec 2015 20:21

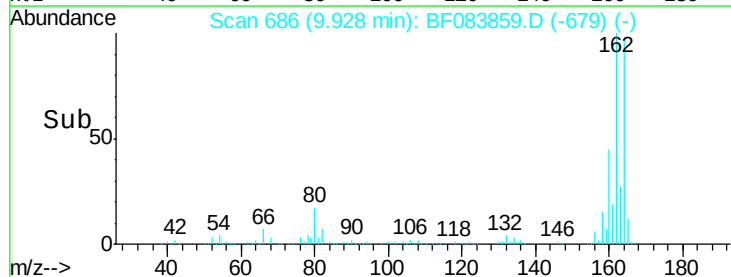
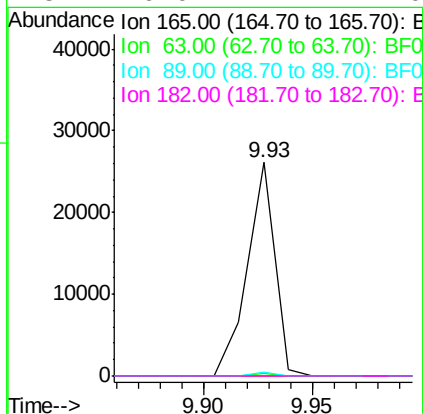
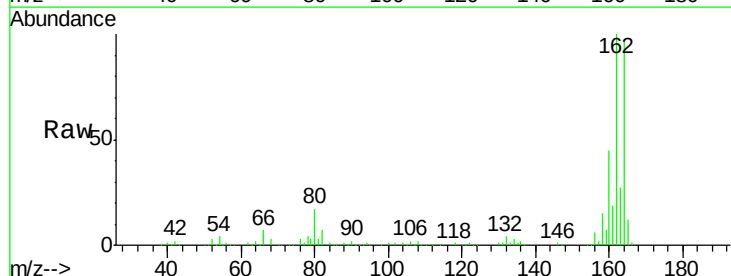
Instrument :
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COMPOSITE-B-20150873

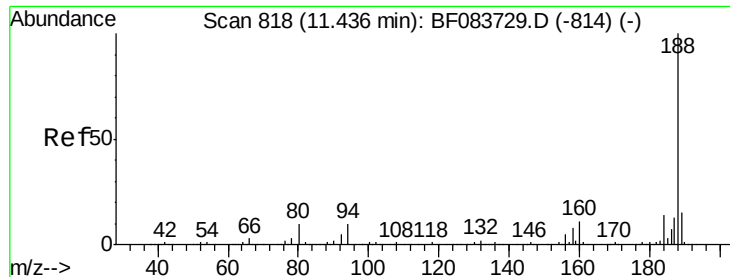
Tgt Ion:163 Resp: 299982
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.0 8.6 13.0



#56
2,4-Dinitrotoluene
Concen: 5.85 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.22 min
Lab File: BF083859.D
Acq: 16 Dec 2015 20:21

Tgt Ion:165 Resp: 22946
Ion Ratio Lower Upper
165 100
63 1.4 51.4 77.2#
89 2.1 72.6 108.8#
182 0.0 1.4 2.0#

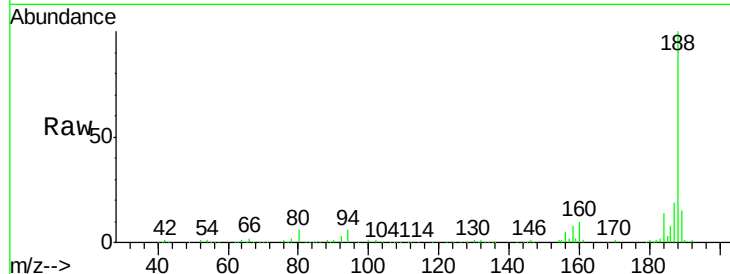




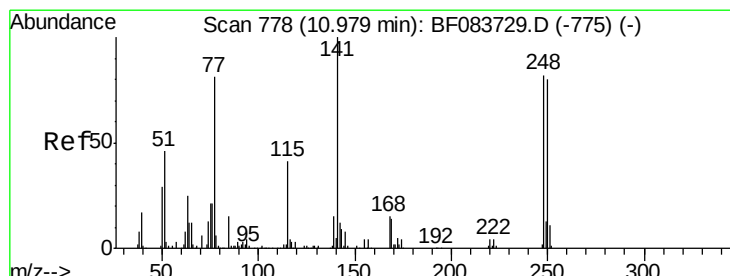
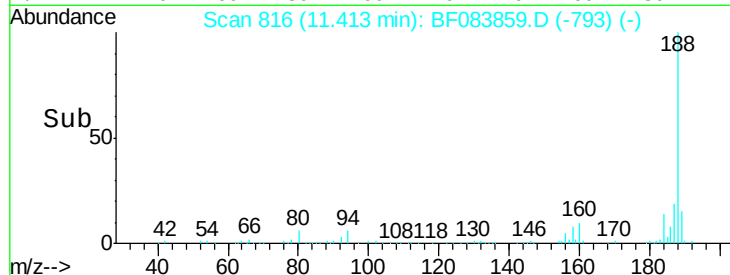
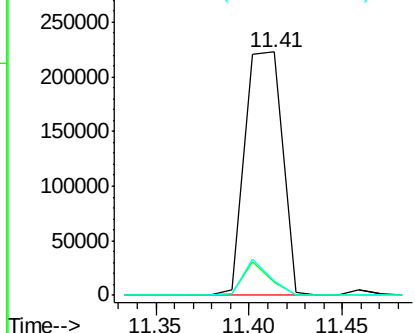
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083859.D
Acq: 16 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-B-20150873

Tgt Ion:188 Resp: 310383
Ion Ratio Lower Upper
188 100
94 5.6 9.4 14.2#
80 5.7 10.6 16.0#

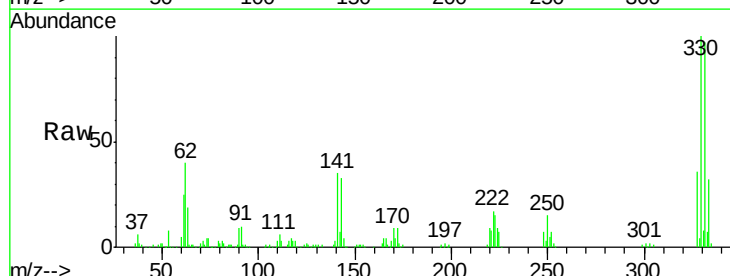


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

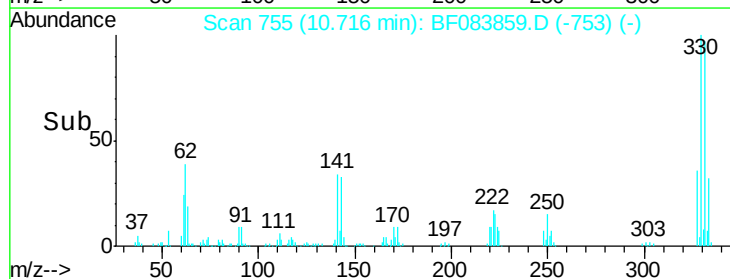
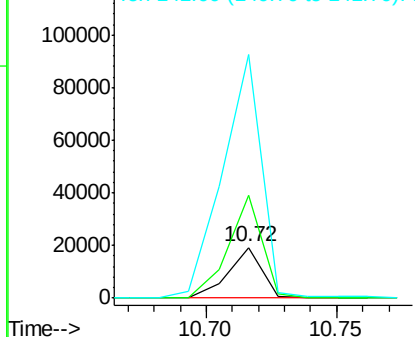


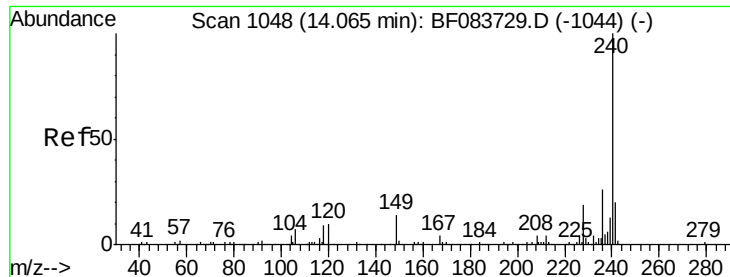
#66
4-Bromophenyl-phenylether
Concen: 5.05 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.27 min
Lab File: BF083859.D
Acq: 16 Dec 2015 20:21

Tgt Ion:248 Resp: 17517
Ion Ratio Lower Upper
248 100
250 203.3 79.2 118.8#
141 482.6 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: BF083859.D

Acq: 16 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-B-20150873

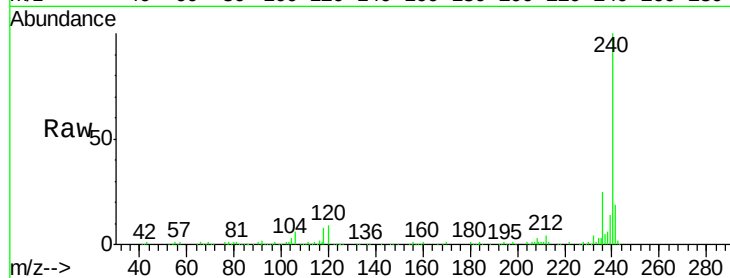
Tgt Ion:240 Resp: 214041

Ion Ratio Lower Upper

240 100

120 8.6 8.1 12.1

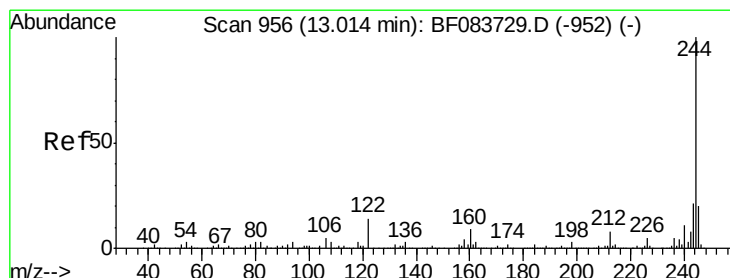
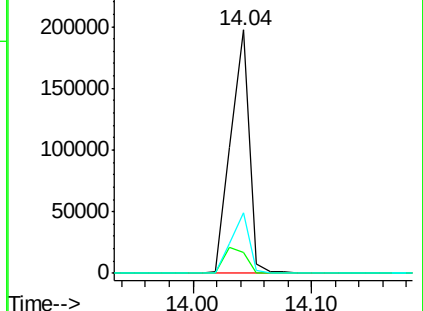
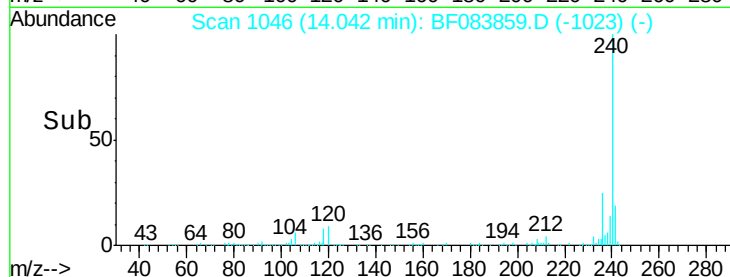
236 25.1 20.8 31.2



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: 90.20 ng

RT: 12.99 min Scan# 954

Delta R.T. -0.03 min

Lab File: BF083859.D

Acq: 16 Dec 2015 20:21

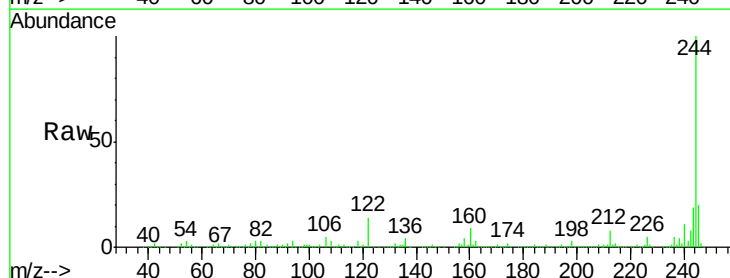
Tgt Ion:244 Resp: 897548

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

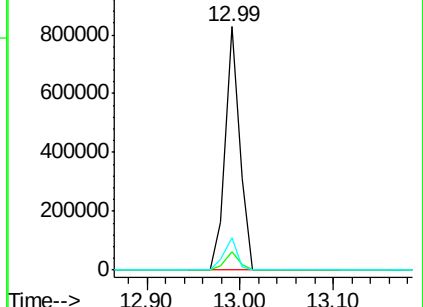
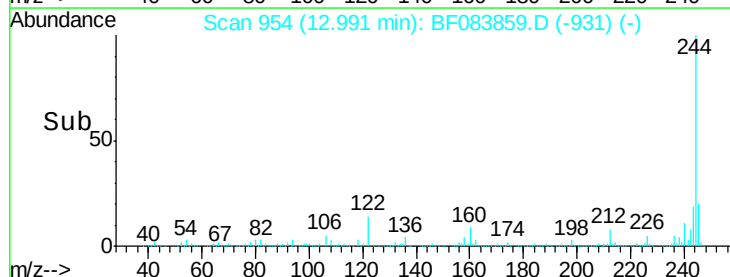
122 13.5 11.0 16.6

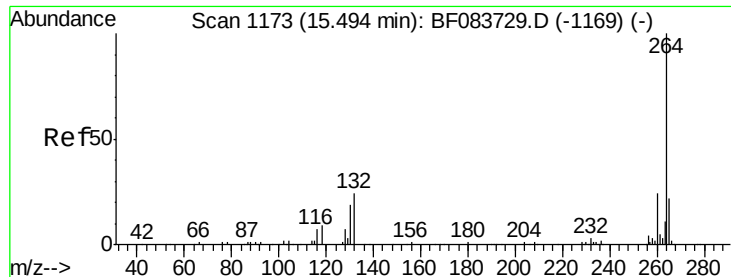


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BF083859.D
Acq: 16 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-B-20150873

Tgt Ion: 264 Resp: 173823
Ion Ratio Lower Upper
264 100
260 22.8 19.4 29.0
265 21.7 17.8 26.6

