

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121615\
 Data File : BF083861.D
 Acq On : 16 Dec 2015 21:16
 Operator : UM/SJ
 Sample : G4775-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-DUP-20150875

Quant Time: Dec 17 03:25:39 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

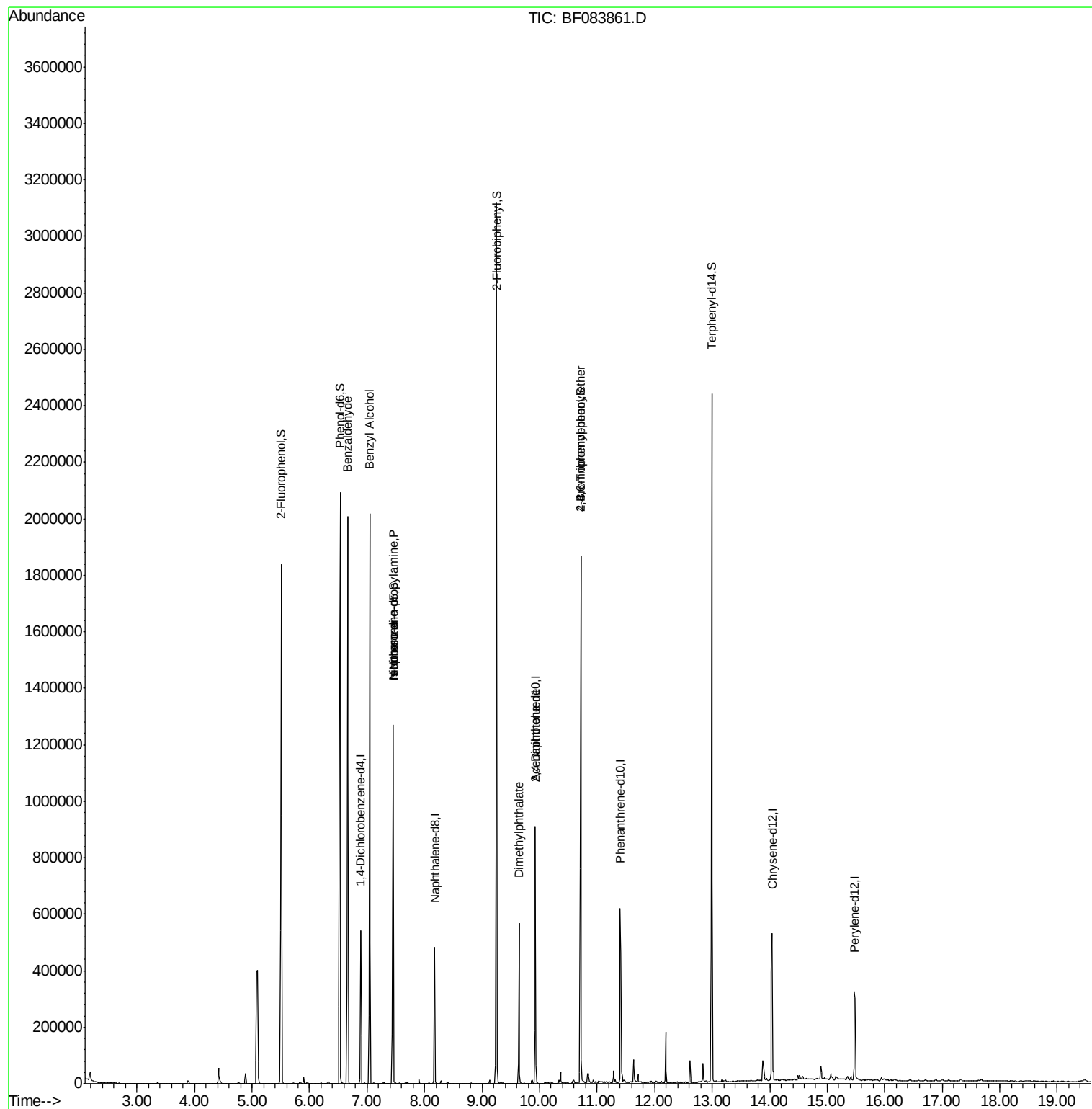
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	84895	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	345807	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	172929	20.00	ng	-0.03
63) Phenanthrene-d10	11.40	188	300571	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	223667	20.00	ng	-0.03
86) Perylene-d12	15.48	264	174933	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	712527	135.40	ng	-0.02
7) Phenol-d6	6.53	99	971818	145.83	ng	-0.01
23) Nitrobenzene-d5	7.46	82	603864	97.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	238266	135.22	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	1011228	85.98	ng	-0.03
78) Terphenyl-d14	12.99	244	819450	78.81	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.66	77	15547	4.34	ng	Qvalue 93
15) Benzyl Alcohol	7.05	79	9955	2.03	ng	# 47
19) n-Nitroso-di-n-propylamine	7.46	70	80683	19.77	ng	# 65
25) Isophorone	7.46	82	561620	46.31	ng	# 69
49) Dimethylphthalate	9.64	163	216763	16.08	ng	98
56) 2,4-Dinitrotoluene	9.93	165	21861	5.85	ng	# 13
66) 4-Bromophenyl-phenylether	10.72	248	16886	5.02	ng	# 1

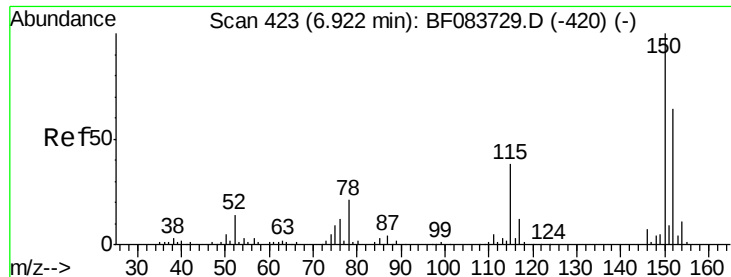
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083861.D

Acq: 16 Dec 2015 21:16

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-DUP-20150875

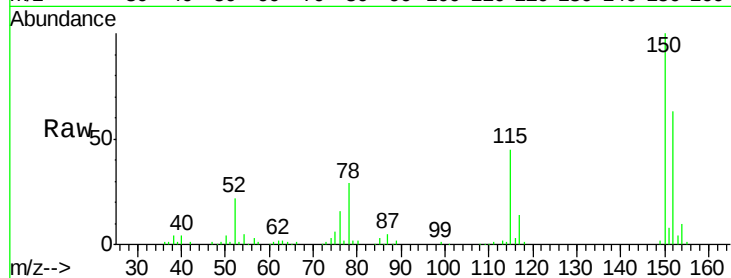
Tgt Ion:152 Resp: 84895

Ion Ratio Lower Upper

152 100

150 158.6 126.5 189.7

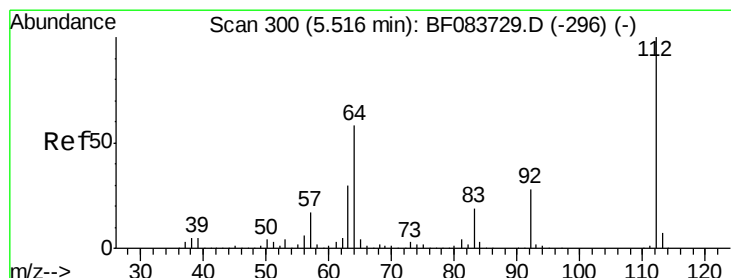
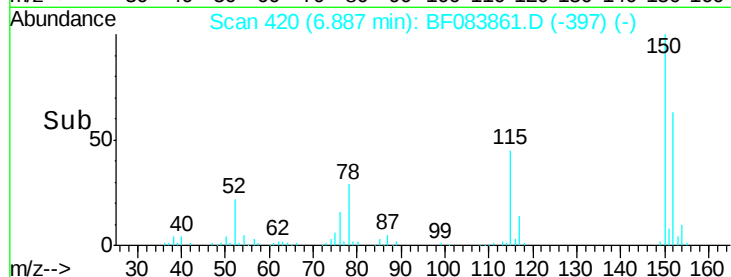
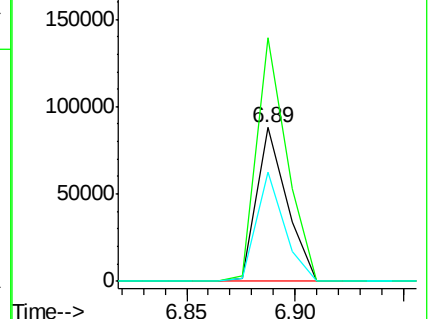
115 70.9 52.3 78.5



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: 135.40 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083861.D

Acq: 16 Dec 2015 21:16

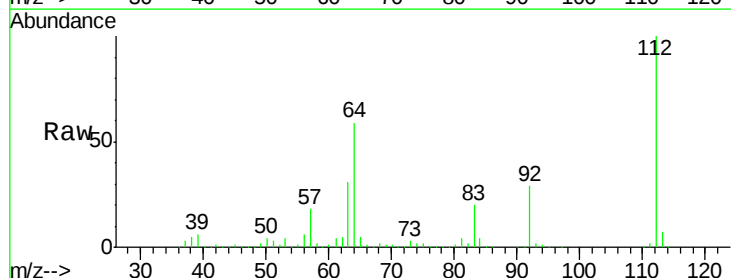
Tgt Ion:112 Resp: 712527

Ion Ratio Lower Upper

112 100

64 58.5 50.5 75.7

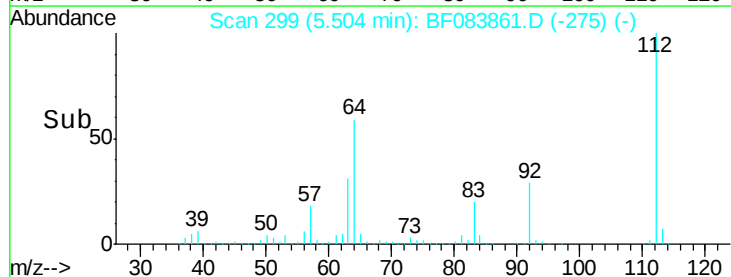
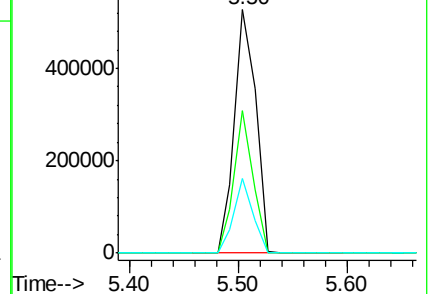
63 30.9 25.8 38.6

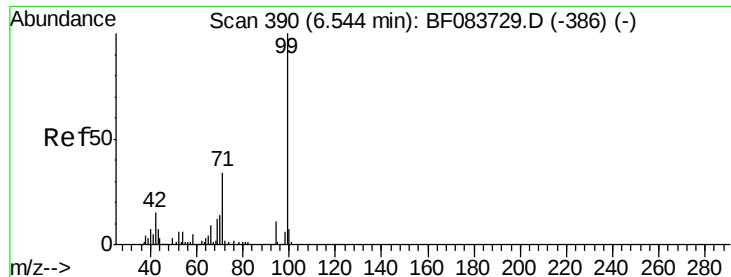


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 145.83 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083861.D

Acq: 16 Dec 2015 21:16

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-DUP-20150875

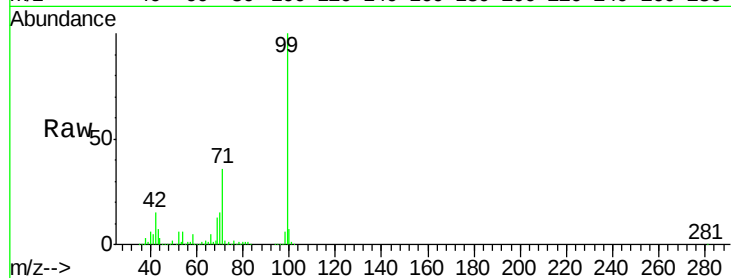
Tgt Ion: 99 Resp: 971818

Ion Ratio Lower Upper

99 100

42 14.9 17.3 25.9#

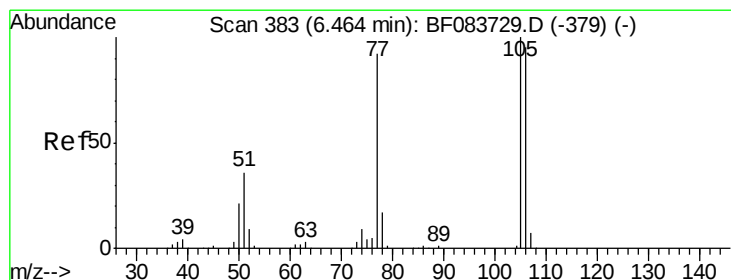
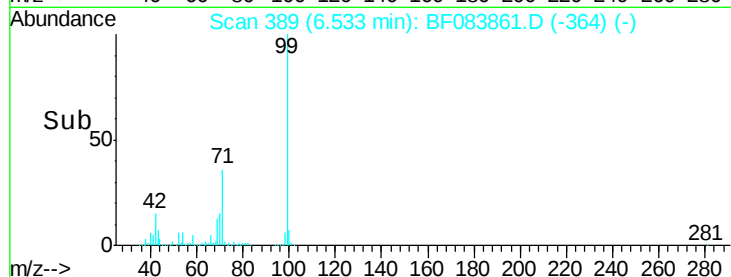
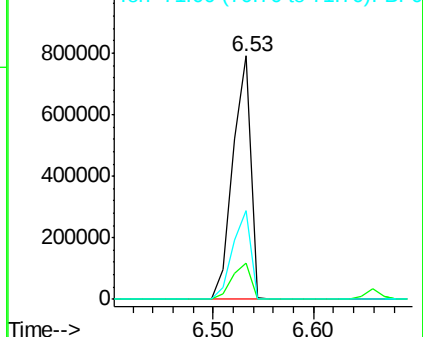
71 36.3 26.6 40.0



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: 4.34 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.19 min

Lab File: BF083861.D

Acq: 16 Dec 2015 21:16

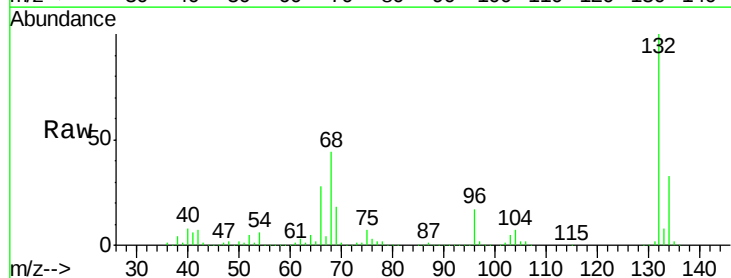
Tgt Ion: 77 Resp: 15547

Ion Ratio Lower Upper

77 100

105 84.0 71.8 111.8

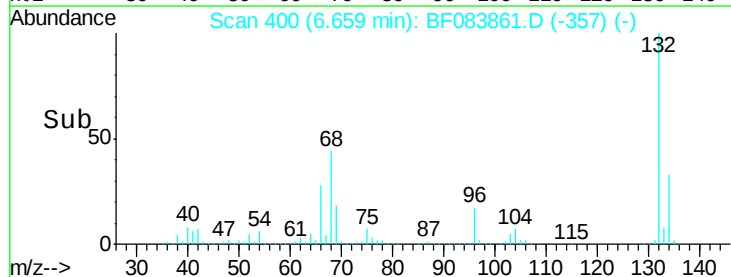
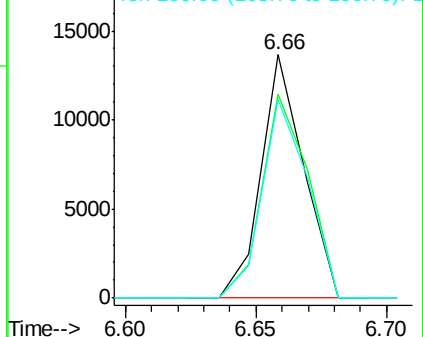
106 81.8 66.8 106.8

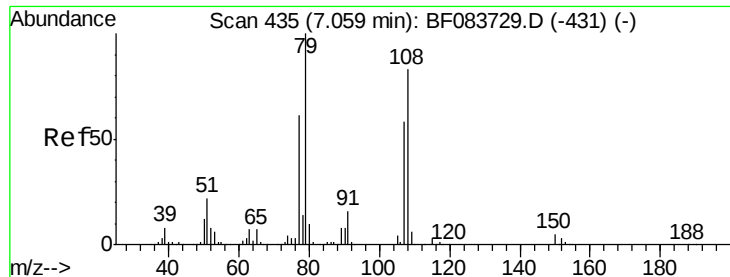


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083861.D

Acq: 16 Dec 2015 21:16

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-DUP-20150875

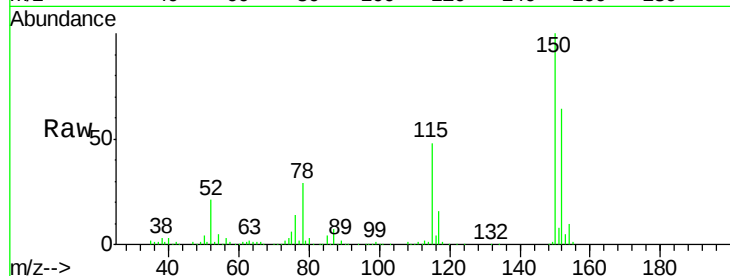
Tgt Ion: 79 Resp: 9955

Ion Ratio Lower Upper

79 100

108 26.4 59.6 89.4#

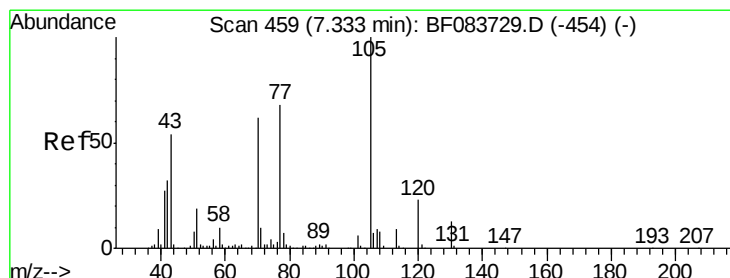
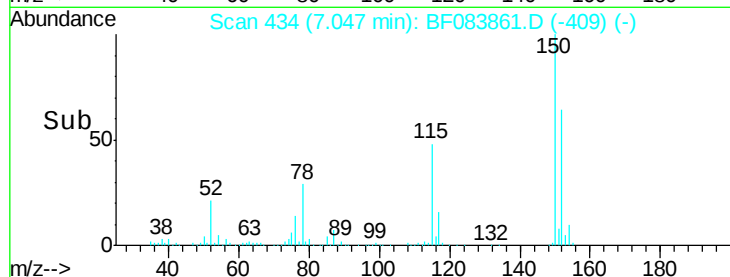
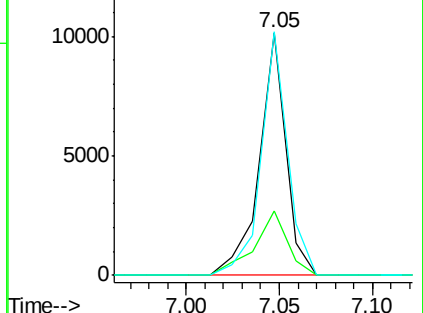
77 100.3 49.8 74.6#



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: 19.77 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.11 min

Lab File: BF083861.D

Acq: 16 Dec 2015 21:16

Tgt Ion: 70 Resp: 80683

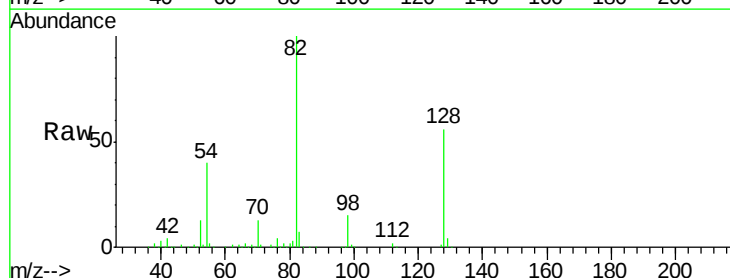
Ion Ratio Lower Upper

70 100

42 33.7 49.2 73.8#

101 0.0 7.1 10.7#

130 2.7 15.4 23.0#

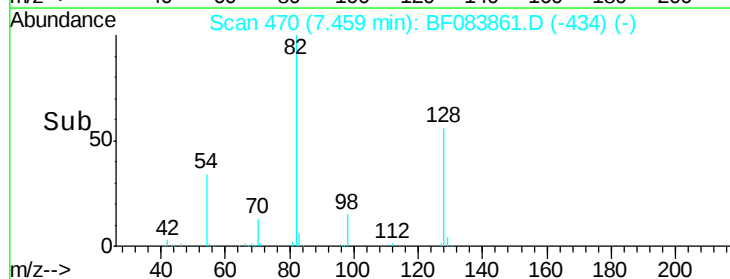
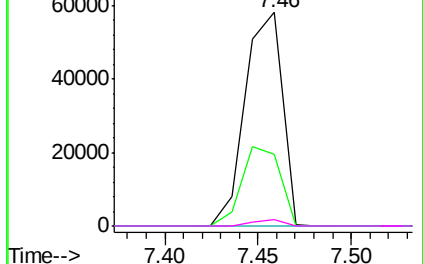


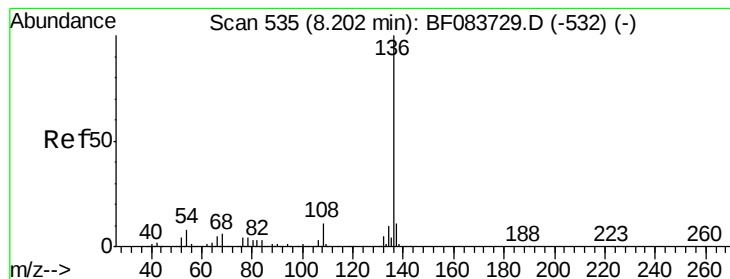
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF083861.D

Acq: 16 Dec 2015 21:16

Instrument :

BNA_F

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COMPOSITE-DUP-20150875

Tgt Ion: 136 Resp: 345807

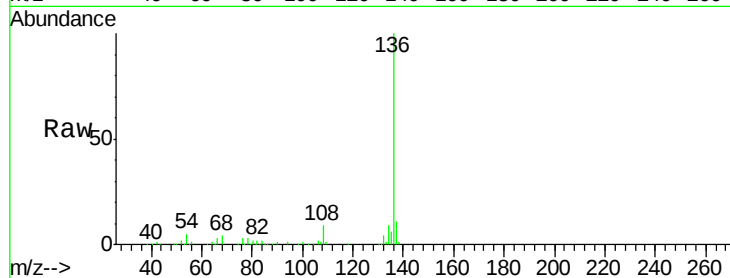
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 4.6 7.8 11.6#

68 3.7 5.7 8.5#

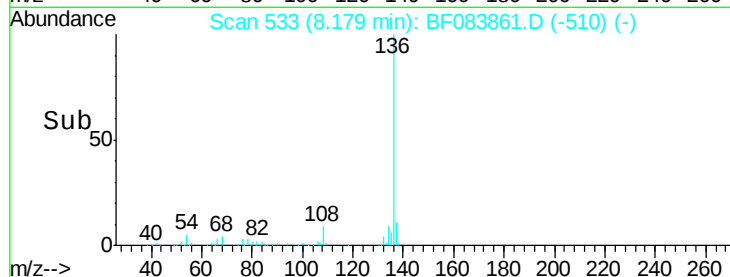


Abundance Ion 136.00 (135.70 to 136.70): E

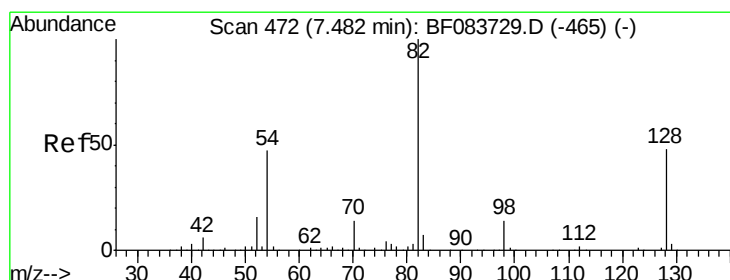
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 97.70 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF083861.D

Acq: 16 Dec 2015 21:16

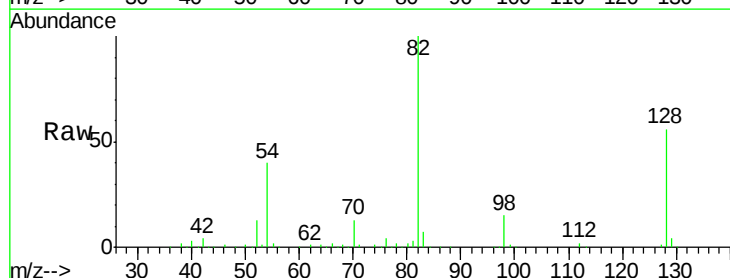
Tgt Ion: 82 Resp: 603864

Ion Ratio Lower Upper

82 100

128 56.2 30.7 46.1#

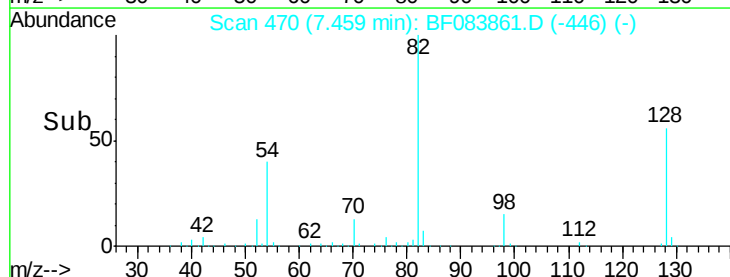
54 39.6 42.5 63.7#



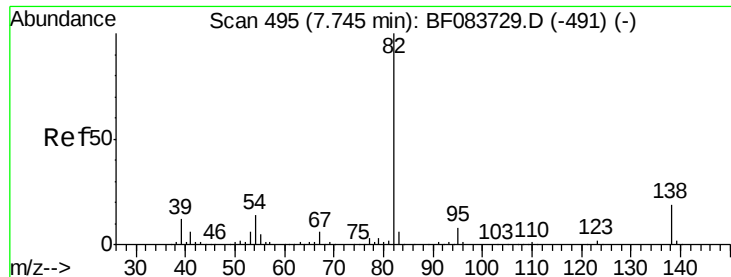
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 46.31 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.29 min

Lab File: BF083861.D

Acq: 16 Dec 2015 21:16

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-DUP-20150875

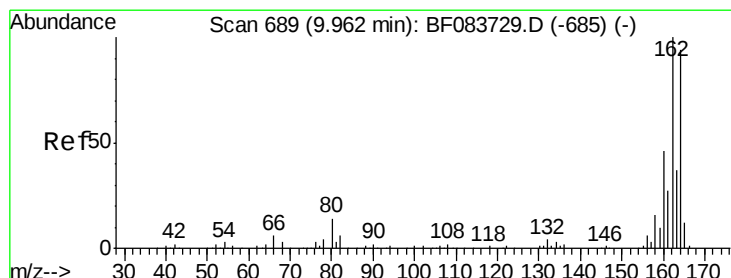
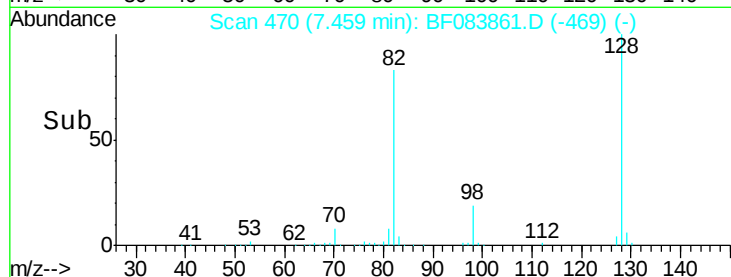
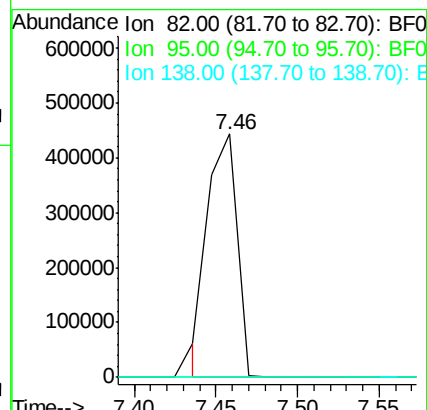
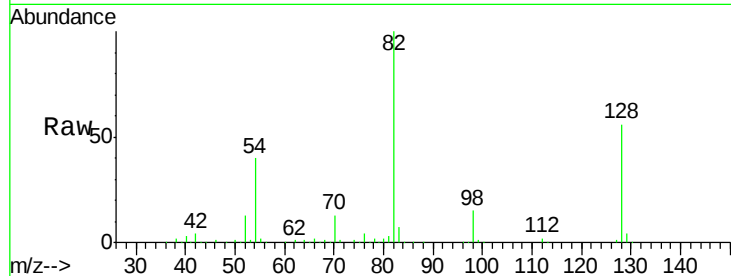
Tgt Ion: 82 Resp: 561620

Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.1 18.1#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF083861.D

Acq: 16 Dec 2015 21:16

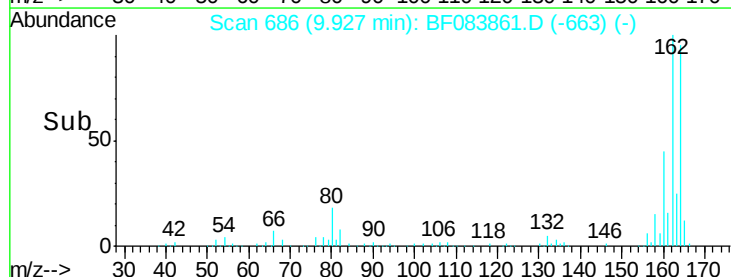
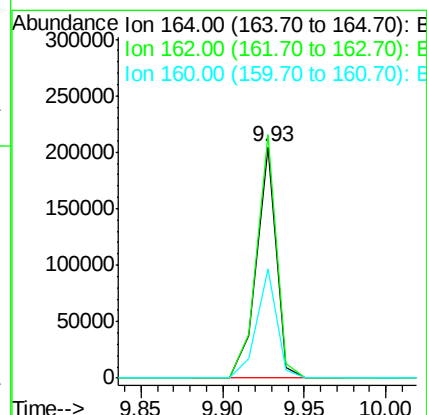
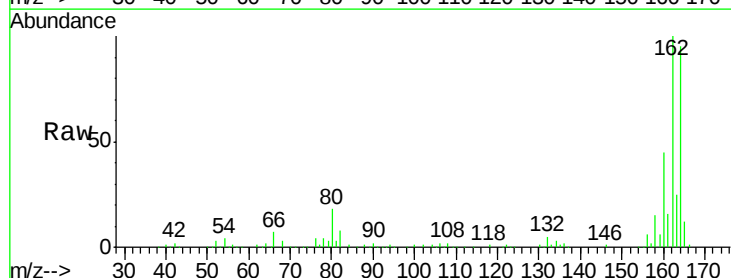
Tgt Ion: 164 Resp: 172929

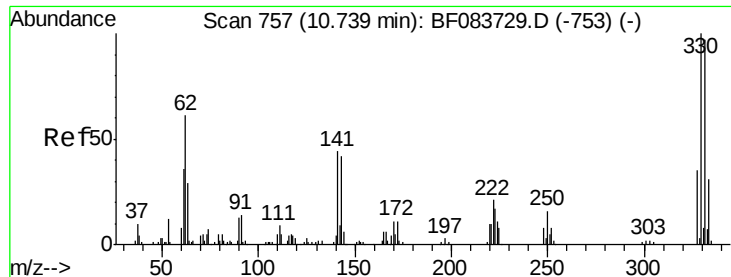
Ion Ratio Lower Upper

164 100

162 105.4 78.8 118.2

160 47.1 33.4 50.2

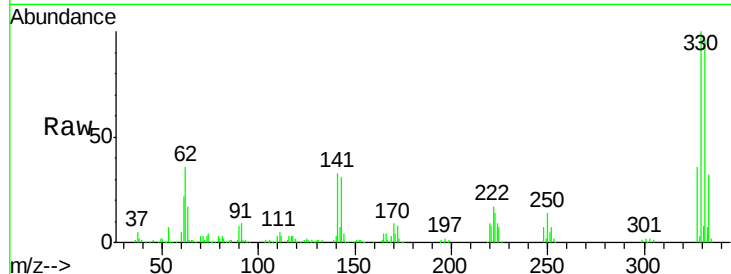




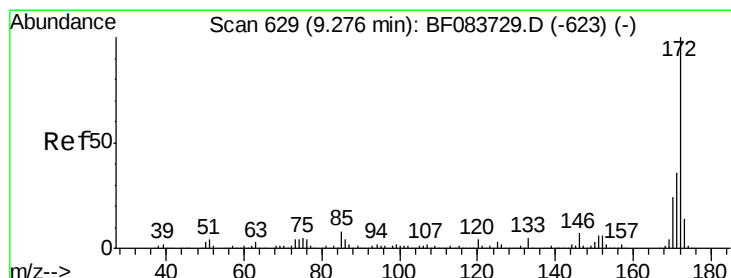
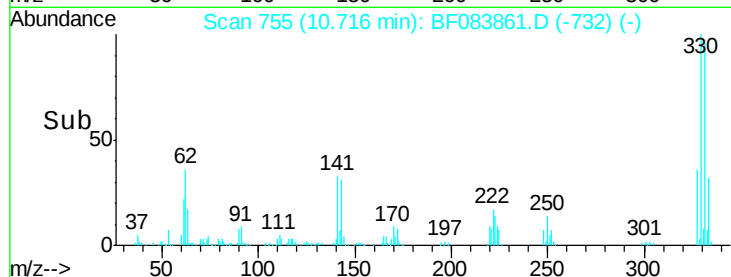
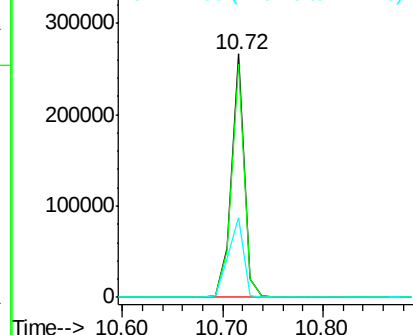
#41
 2,4,6-Tribromophenol
 Concen: 135.22 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.03 min
 Lab File: BF083861.D
 Acq: 16 Dec 2015 21:16

Instrument :
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	38.5	0.0	0.0#

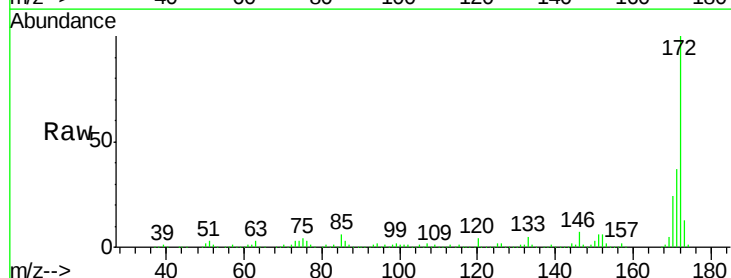


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

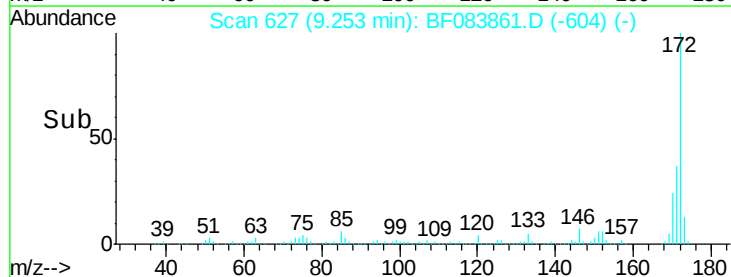
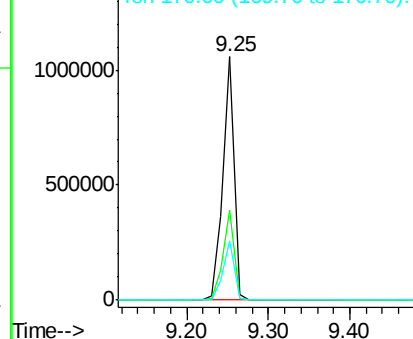


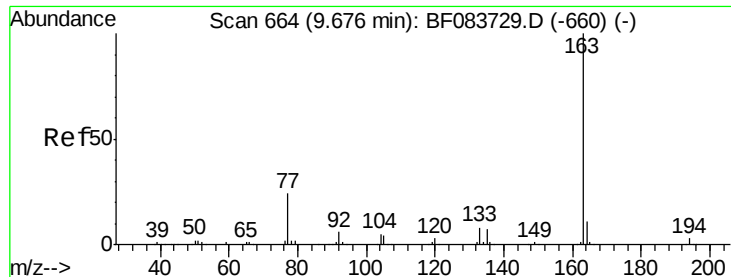
#44
 2-Fluorobiphenyl
 Concen: 85.98 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083861.D
 Acq: 16 Dec 2015 21:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	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

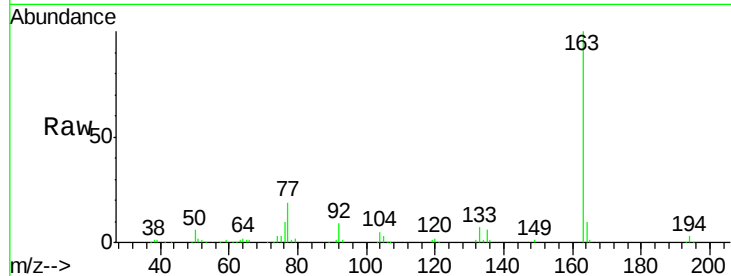




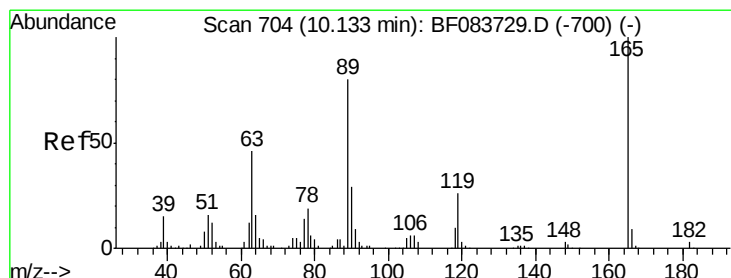
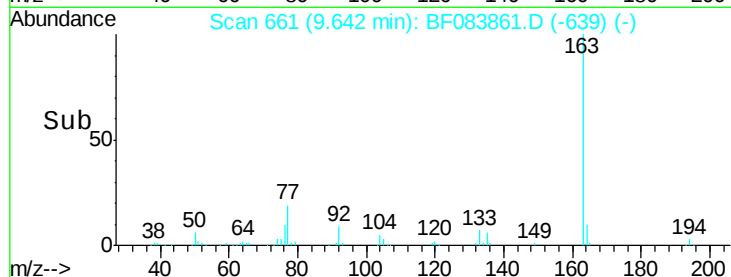
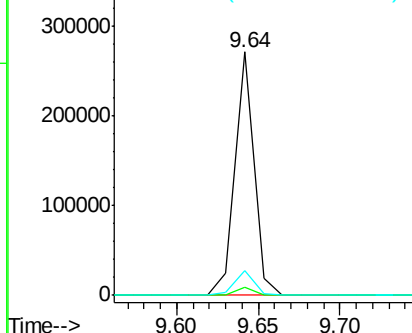
#49
Dimethylphthalate
Concen: 16.08 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.05 min
Lab File: BF083861.D
Acq: 16 Dec 2015 21:16

Instrument :
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COMPOSITE-DUP-20150875

Tgt Ion:163 Resp: 216763
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 9.9 8.6 13.0

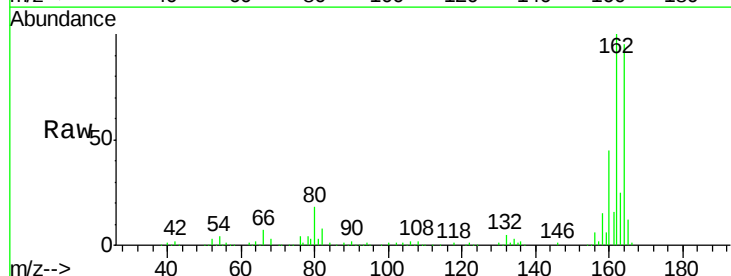


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

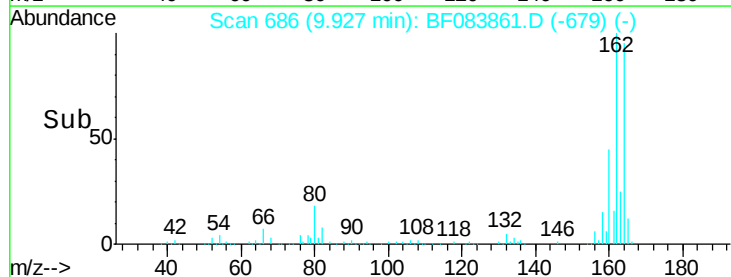
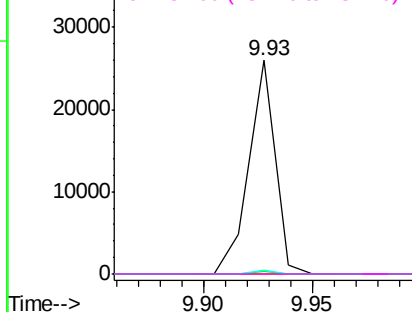


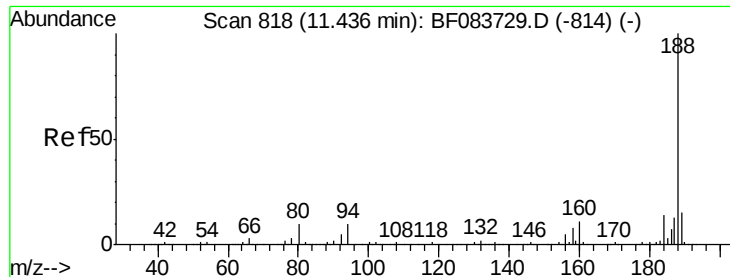
#56
2,4-Dinitrotoluene
Concen: 5.85 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.22 min
Lab File: BF083861.D
Acq: 16 Dec 2015 21:16

Tgt Ion:165 Resp: 21861
Ion Ratio Lower Upper
165 100
63 1.2 51.4 77.2#
89 1.7 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

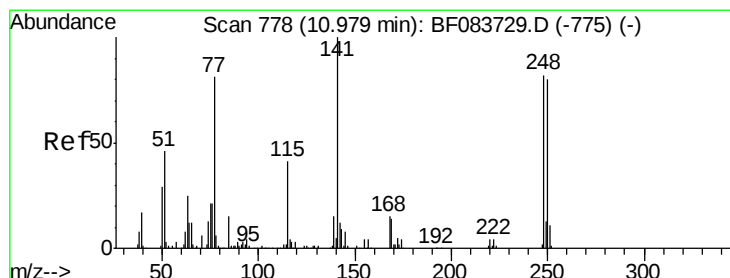
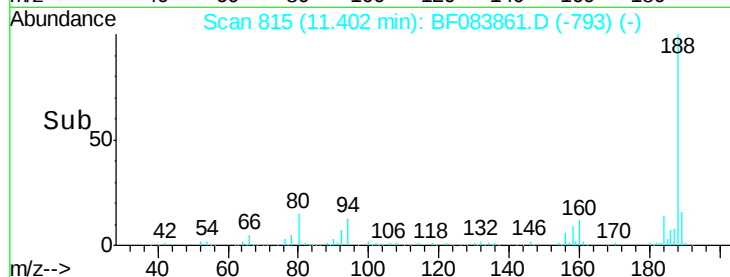
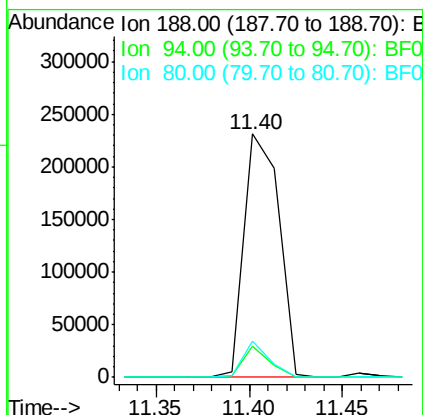
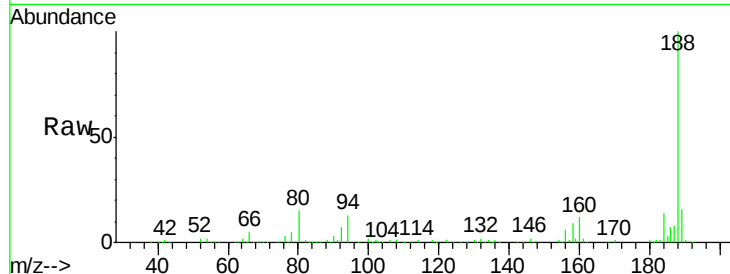




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.05 min
Lab File: BF083861.D
Acq: 16 Dec 2015 21:16

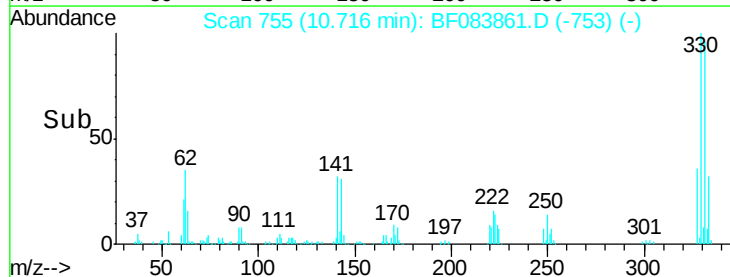
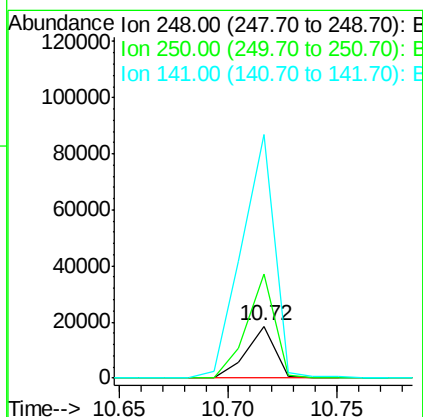
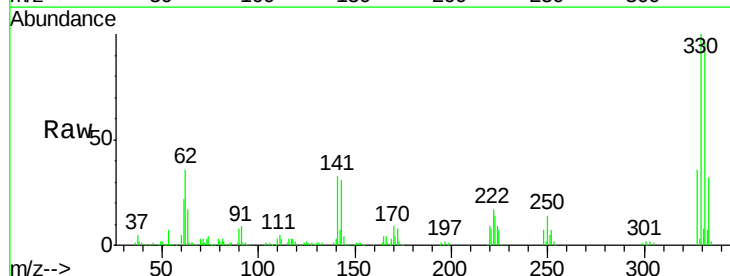
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-DUP-20150875

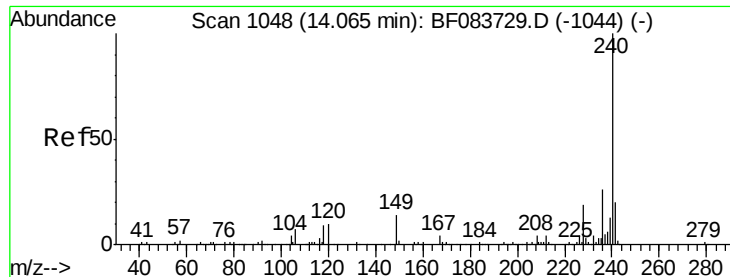
Tgt Ion:188 Resp: 300571
Ion Ratio Lower Upper
188 100
94 13.0 9.4 14.2
80 14.8 10.6 16.0



#66
4-Bromophenyl-phenylether
Concen: 5.02 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.27 min
Lab File: BF083861.D
Acq: 16 Dec 2015 21:16

Tgt Ion:248 Resp: 16886
Ion Ratio Lower Upper
248 100
250 200.4 79.2 118.8#
141 470.7 58.2 87.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BF083861.D

Acq: 16 Dec 2015 21:16

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-DUP-20150875

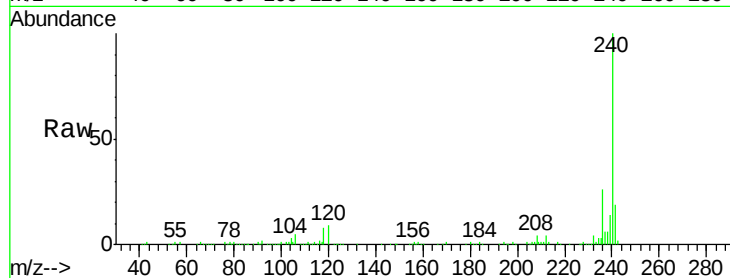
Tgt Ion:240 Resp: 223667

Ion Ratio Lower Upper

240 100

120 8.5 8.1 12.1

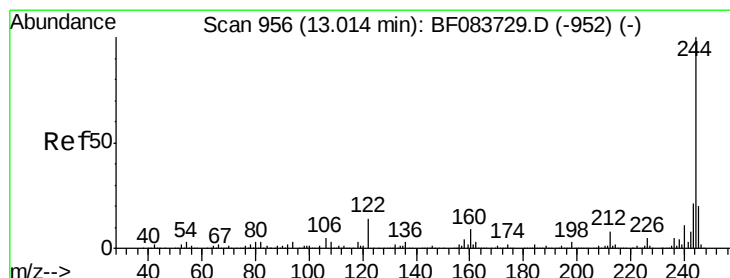
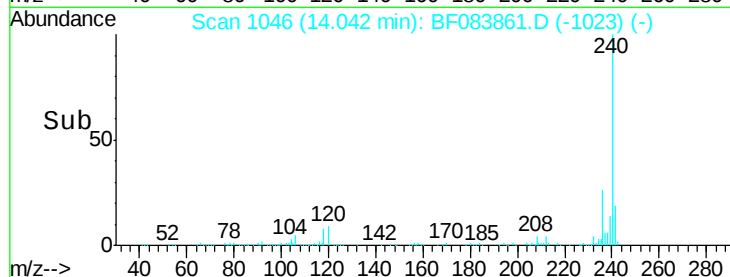
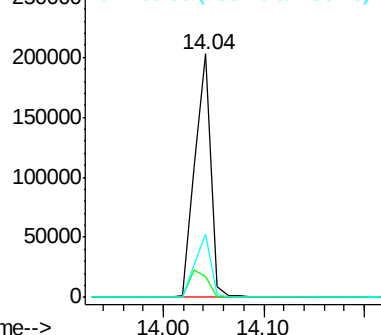
236 25.9 20.8 31.2



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: 78.81 ng

RT: 12.99 min Scan# 954

Delta R.T. -0.03 min

Lab File: BF083861.D

Acq: 16 Dec 2015 21:16

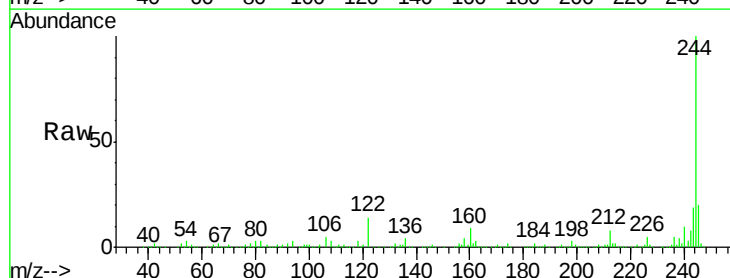
Tgt Ion:244 Resp: 819450

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

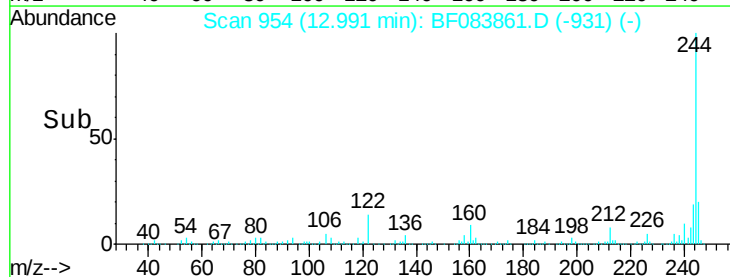
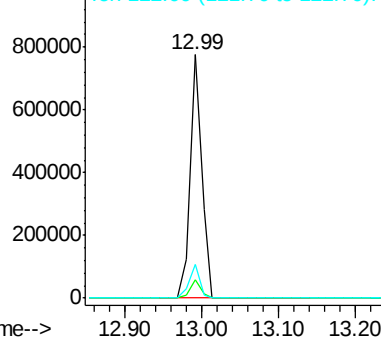
122 14.1 11.0 16.6

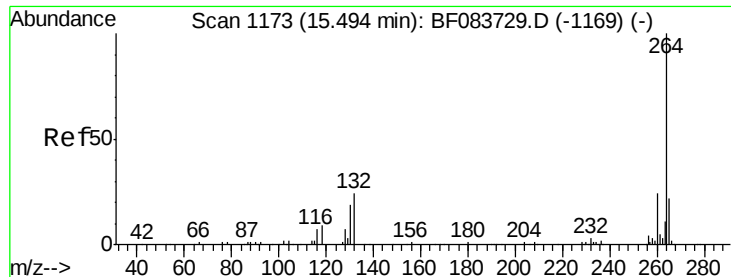


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF083861.D
Acq: 16 Dec 2015 21:16

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-DUP-20150875

Tgt Ion: 264 Resp: 174933
Ion Ratio Lower Upper
264 100
260 22.9 19.4 29.0
265 20.2 17.8 26.6

