

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
 Data File : BF083837.D
 Acq On : 16 Dec 2015 2:18
 Operator : UM/IZ
 Sample : G4797-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TPMW3

Quant Time: Dec 16 04:34:08 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

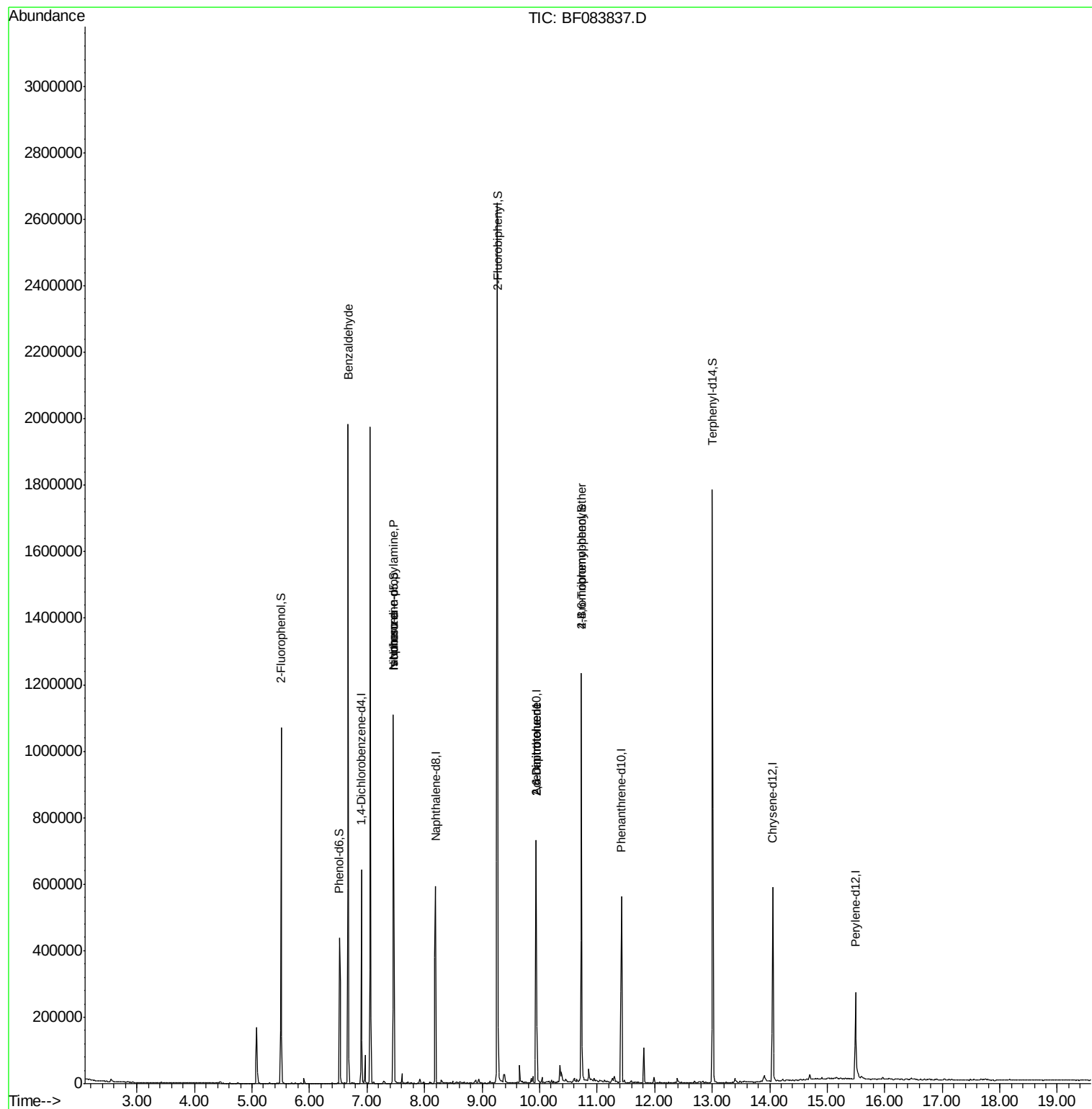
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	93792	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	354698	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	145163	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	236194	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	212376	20.00	ng	-0.02
86) Perylene-d12	15.49	264	146995	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	285191	49.05	ng	-0.02
7) Phenol-d6	6.52	99	203557	27.65	ng	-0.02
23) Nitrobenzene-d5	7.46	82	449732	70.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	157672	106.59	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	837280	84.29	ng	-0.02
78) Terphenyl-d14	13.00	244	645328	65.36	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	12195	3.08	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.46	70	58721	13.03	ng	# 71
25) Isophorone	7.46	82	391810	31.50	ng	# 69
50) 2,6-Dinitrotoluene	9.94	165	18374	7.65	ng	# 17
56) 2,4-Dinitrotoluene	9.94	165	18376	5.86	ng	# 12
66) 4-Bromophenyl-phenylether	10.73	248	10788	4.08	ng	# 1

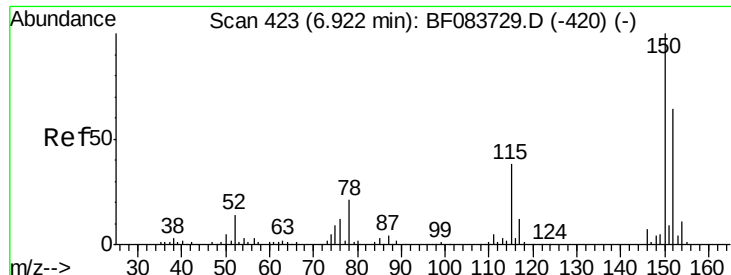
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083837.D

Acq: 16 Dec 2015 2:18

Instrument :

BNA_F

ClientSampleId :

TPMW3

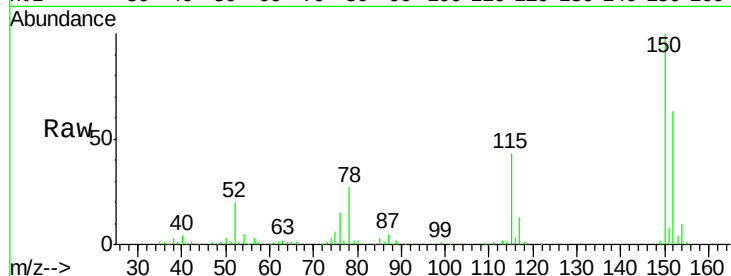
Tgt Ion:152 Resp: 93792

Ion Ratio Lower Upper

152 100

150 159.2 126.5 189.7

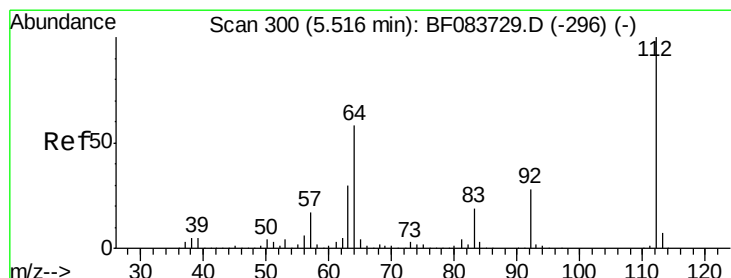
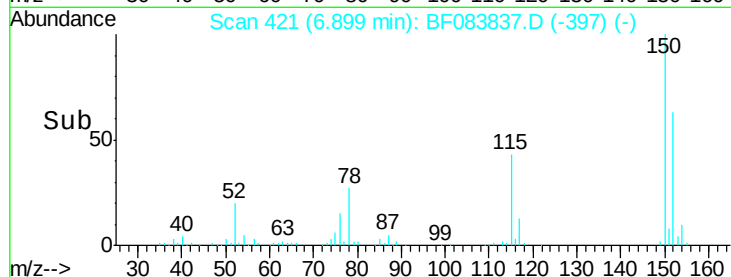
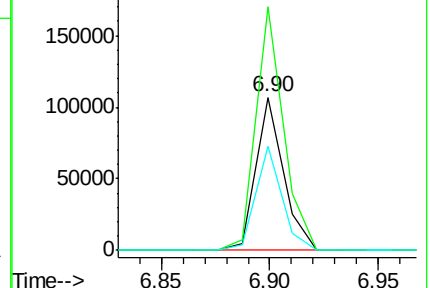
115 67.7 52.3 78.5



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: 49.05 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083837.D

Acq: 16 Dec 2015 2:18

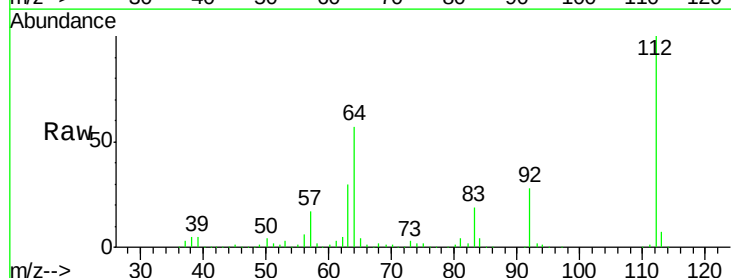
Tgt Ion:112 Resp: 285191

Ion Ratio Lower Upper

112 100

64 56.8 50.5 75.7

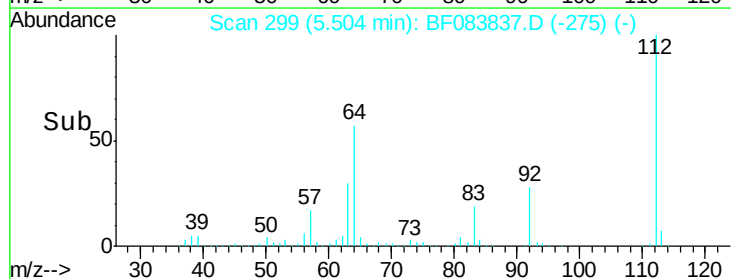
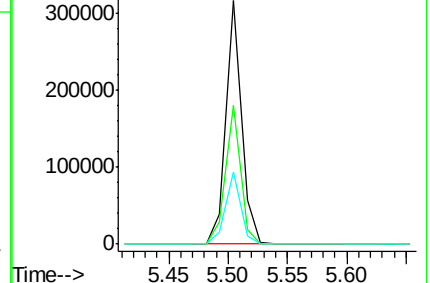
63 29.7 25.8 38.6

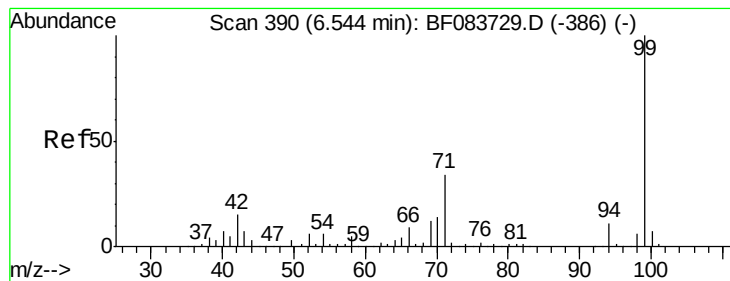


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.65 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083837.D

Acq: 16 Dec 2015 2:18

Instrument :

BNA_F

ClientSampleId :

TPMW3

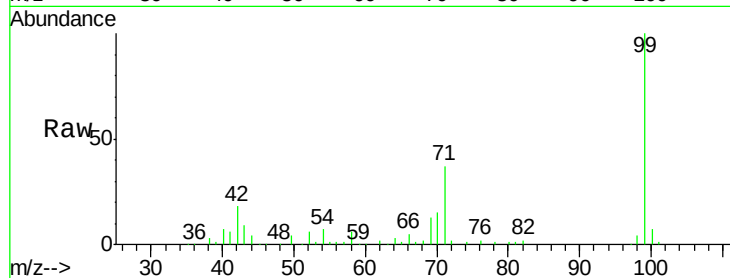
Tgt Ion: 99 Resp: 203557

Ion Ratio Lower Upper

99 100

42 17.7 17.3 25.9

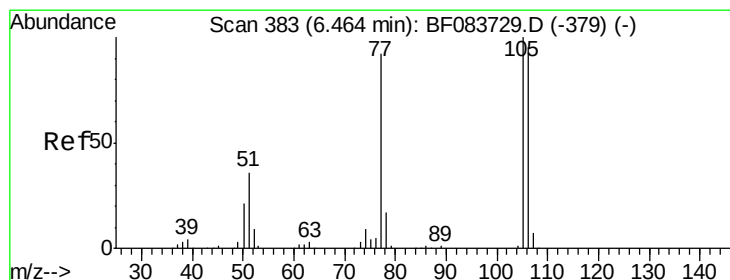
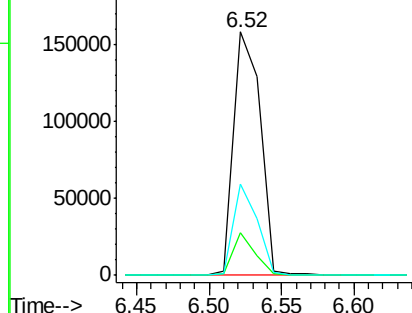
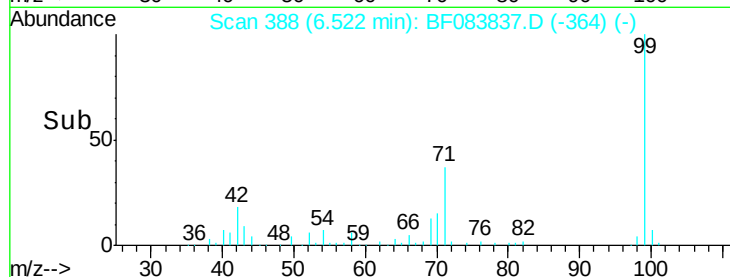
71 37.3 26.6 40.0



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: 3.08 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083837.D

Acq: 16 Dec 2015 2:18

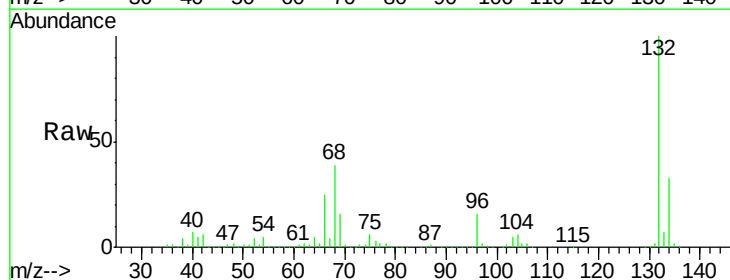
Tgt Ion: 77 Resp: 12195

Ion Ratio Lower Upper

77 100

105 87.8 71.8 111.8

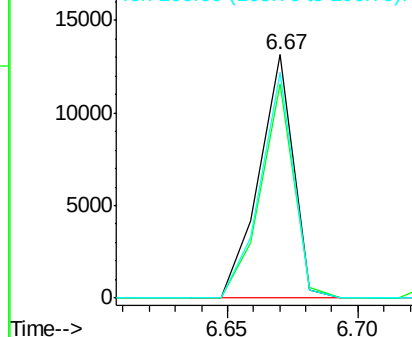
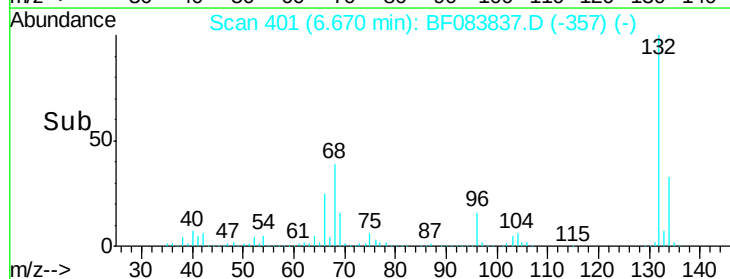
106 92.5 66.8 106.8

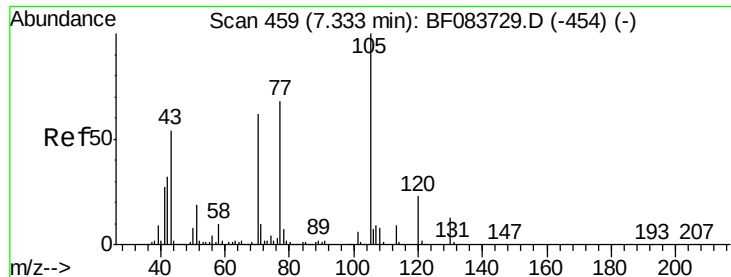


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

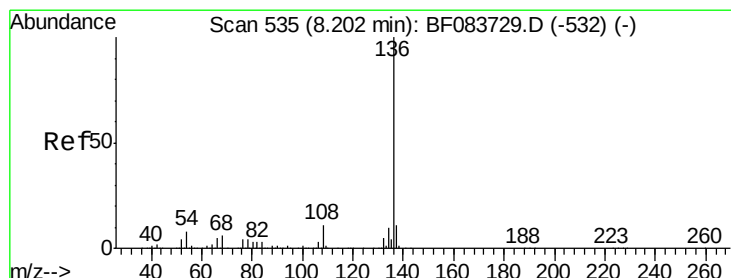
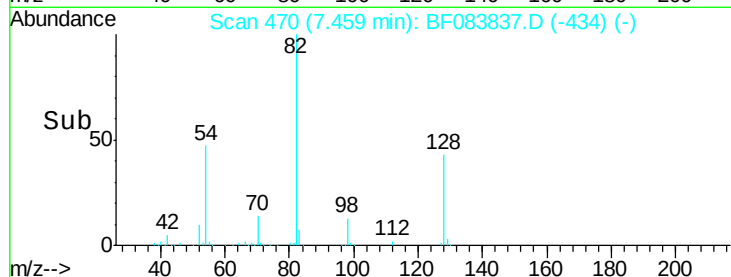
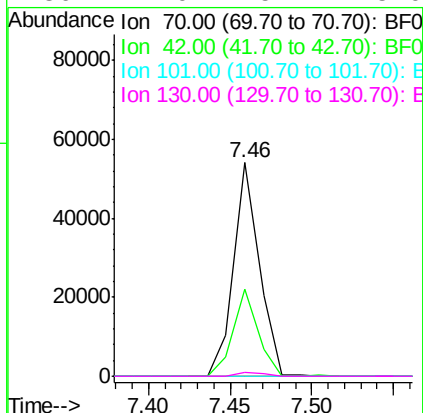
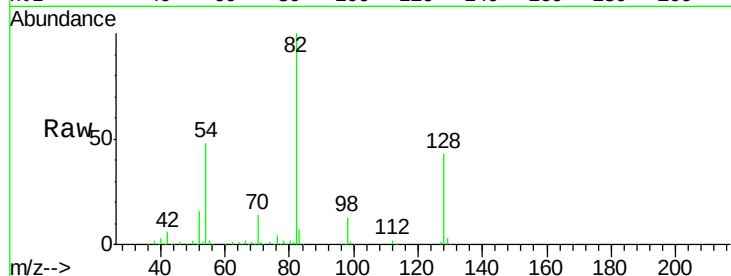




#19
n-Nitroso-di-n-propylamine
Concen: 13.03 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083837.D
Acq: 16 Dec 2015 2:18

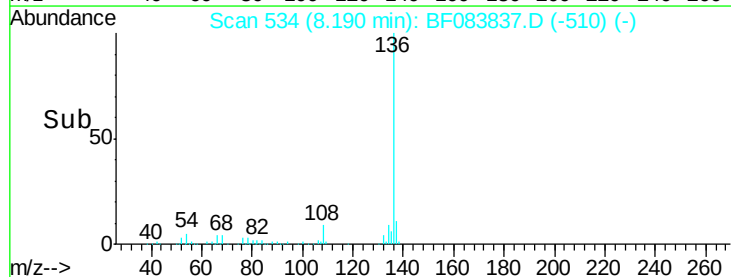
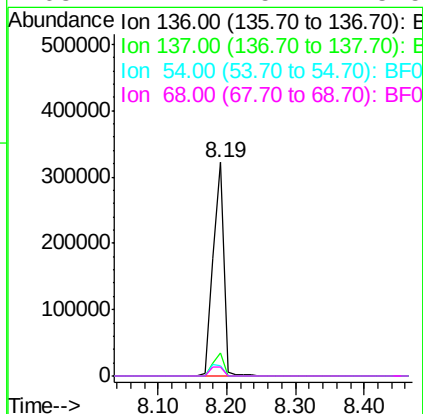
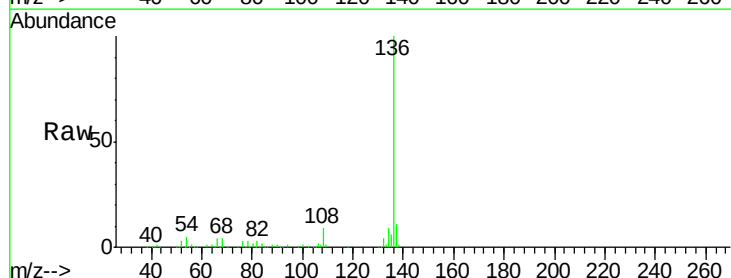
Instrument :
BNA_F
ClientSampleId :
TPMW3

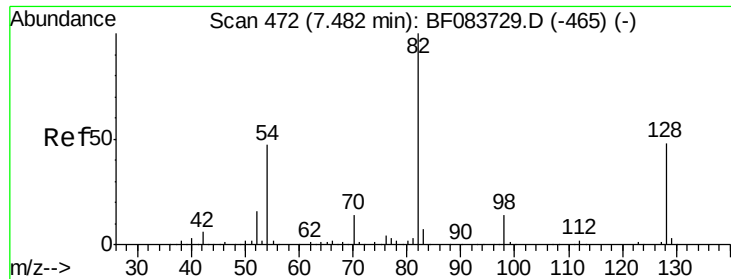
Tgt Ion: 70 Resp: 58721
Ion Ratio Lower Upper
70 100
42 40.9 49.2 73.8#
101 0.0 7.1 10.7#
130 2.0 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF083837.D
Acq: 16 Dec 2015 2:18

Tgt Ion: 136 Resp: 354698
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 4.8 7.8 11.6#
68 4.2 5.7 8.5#

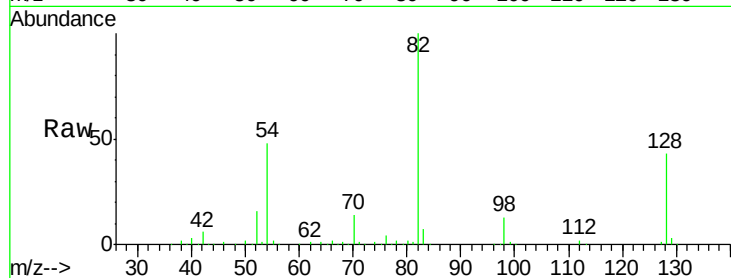




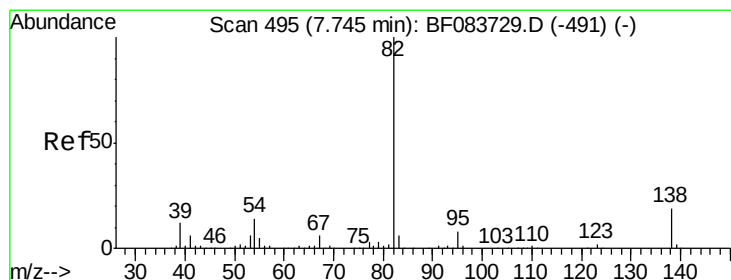
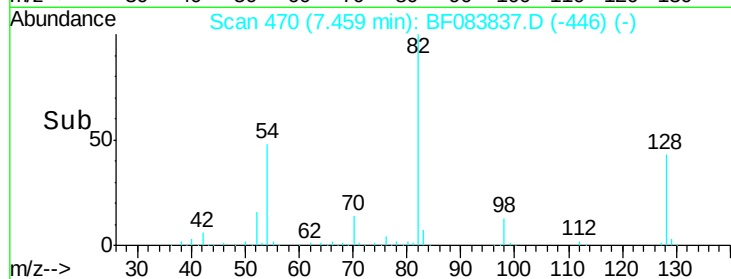
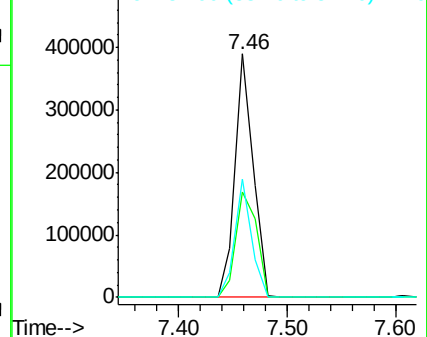
#23
 Nitrobenzene-d5
 Concen: 70.94 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083837.D
 Acq: 16 Dec 2015 2:18

Instrument :
 BNA_F
 ClientSampleId :
 TPMW3

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.4	30.7	46.1
54	48.5	42.5	63.7

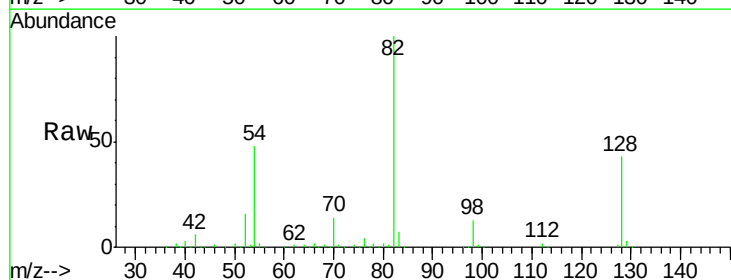


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

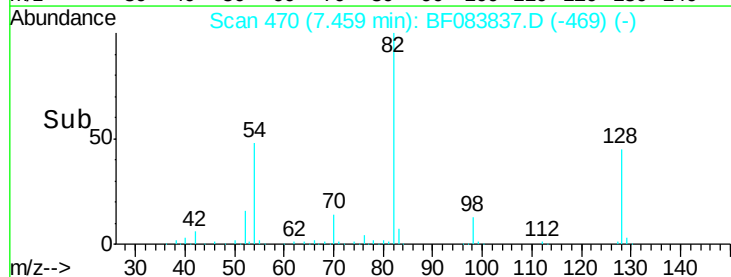
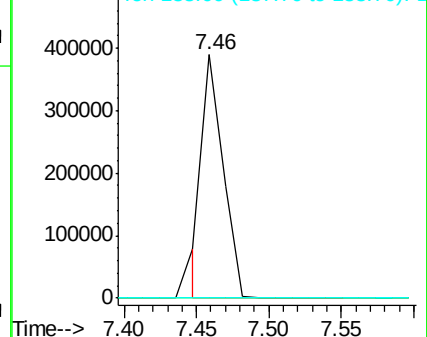


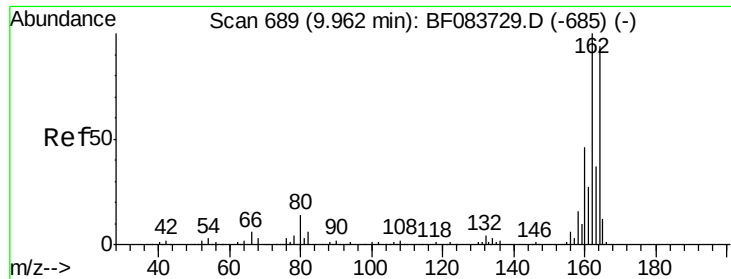
#25
 Isophorone
 Concen: 31.50 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.29 min
 Lab File: BF083837.D
 Acq: 16 Dec 2015 2:18

Tgt 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): BF0

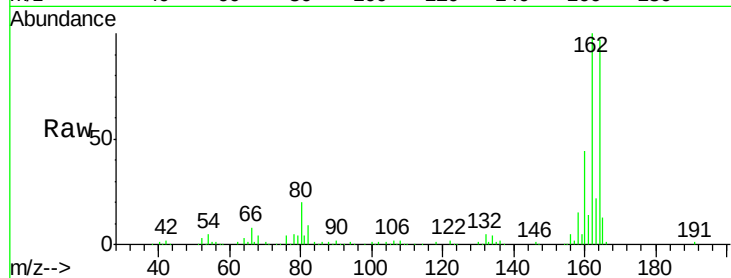




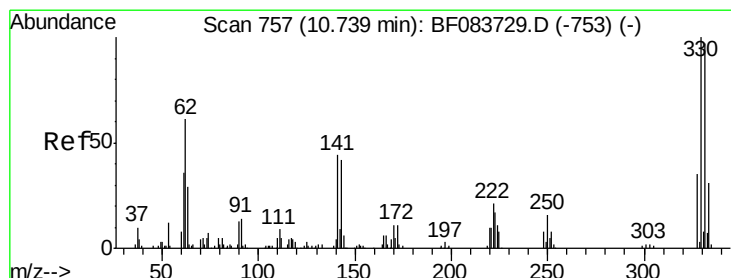
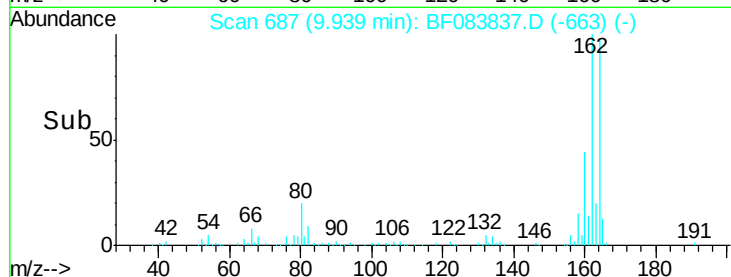
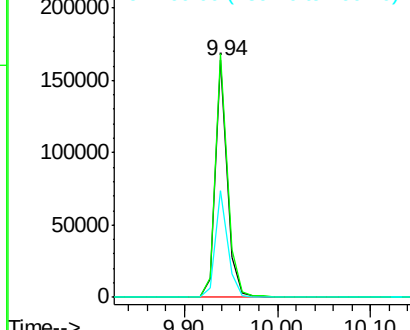
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083837.D
Acq: 16 Dec 2015 2:18

Instrument :
BNA_F
ClientSampleId :
TPMW3

Tgt Ion:164 Resp: 145163
Ion Ratio Lower Upper
164 100
162 102.9 78.8 118.2
160 45.0 33.4 50.2

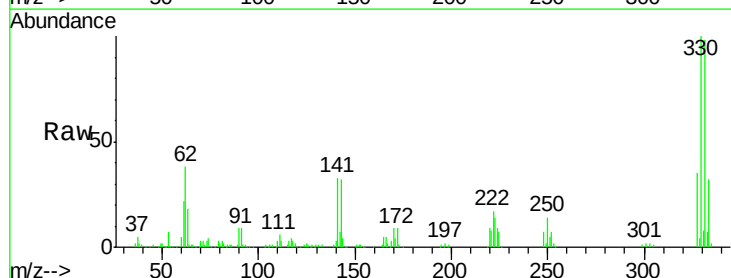


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

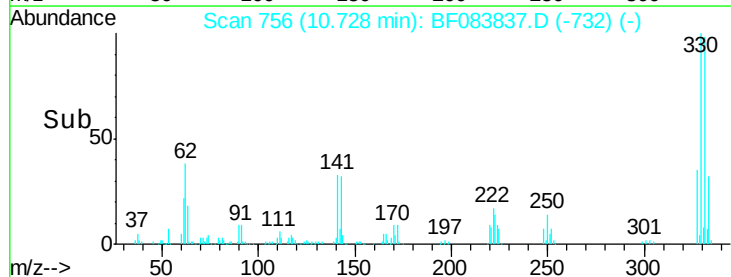
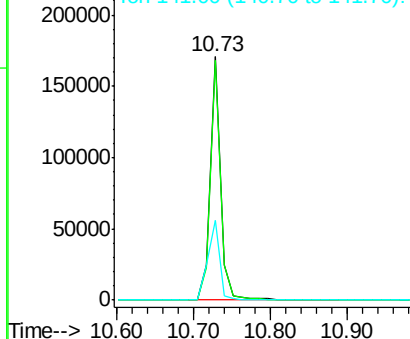


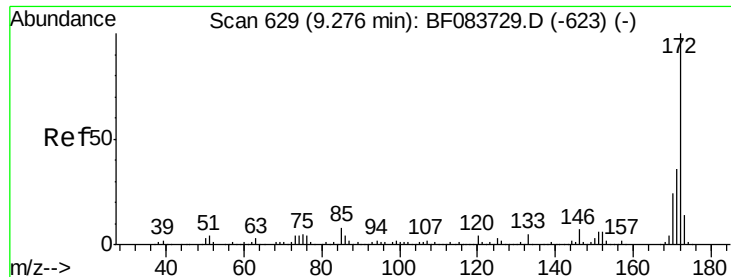
#41
2,4,6-Tribromophenol
Concen: 106.59 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF083837.D
Acq: 16 Dec 2015 2:18

Tgt Ion:330 Resp: 157672
Ion Ratio Lower Upper
330 100
332 97.7 0.0 0.0#
141 37.7 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

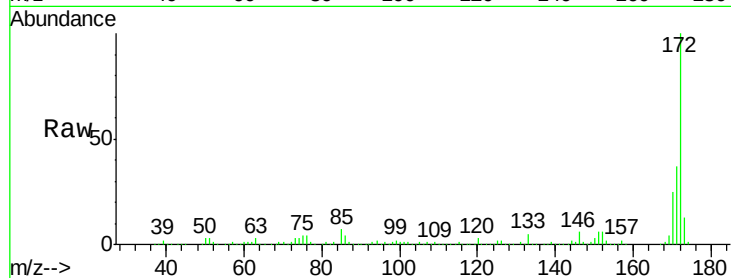




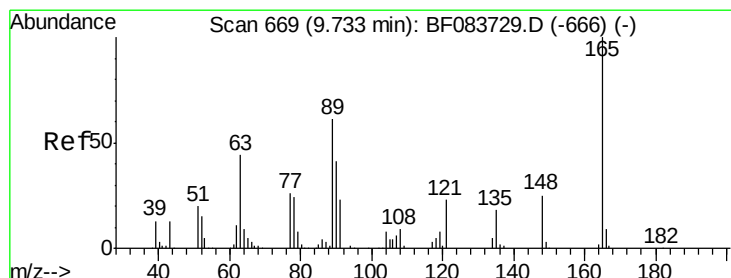
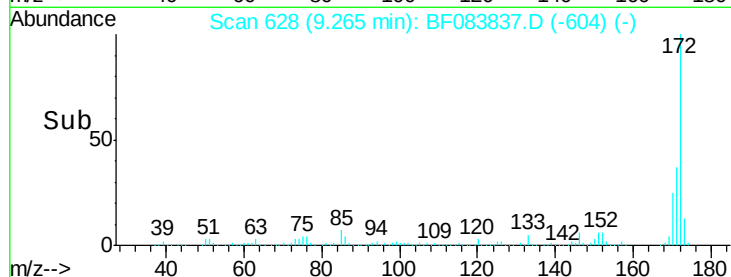
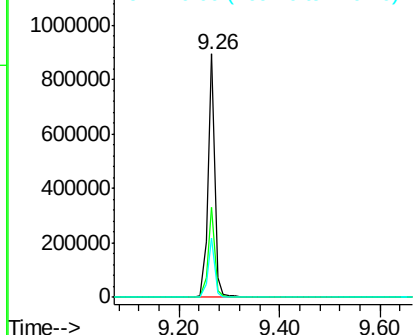
#44
 2-Fluorobiphenyl
 Concen: 84.29 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083837.D
 Acq: 16 Dec 2015 2:18

Instrument :
 BNA_F
 ClientSampleId :
 TPMW3

Tgt Ion:172 Resp: 837280
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.6 42.8
 170 24.6 19.4 29.0

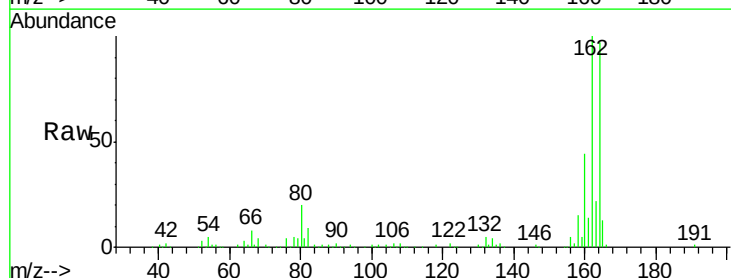


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

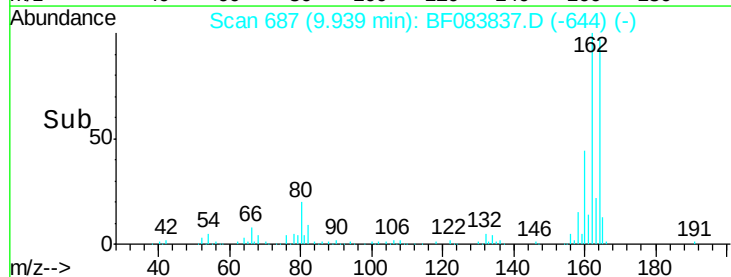
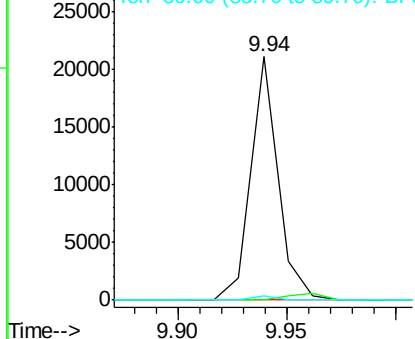


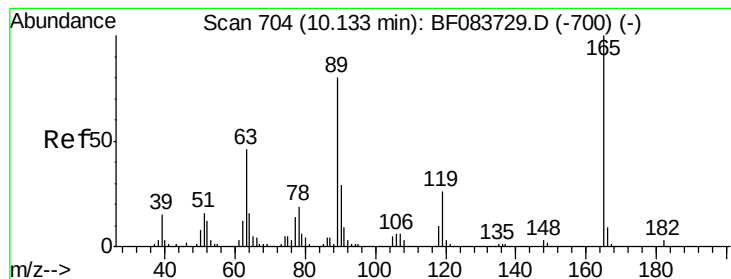
#50
 2,6-Dinitrotoluene
 Concen: 7.65 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.20 min
 Lab File: BF083837.D
 Acq: 16 Dec 2015 2:18

Tgt Ion:165 Resp: 18374
 Ion Ratio Lower Upper
 165 100
 63 0.0 56.9 85.3#
 89 1.7 52.1 78.1#



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





#56

2,4-Dinitrotoluene

Concen: 5.86 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.20 min

Lab File: BF083837.D

Acq: 16 Dec 2015 2:18

Instrument :

BNA_F

ClientSampleId :

TPMW3

Tgt Ion:165 Resp: 18376

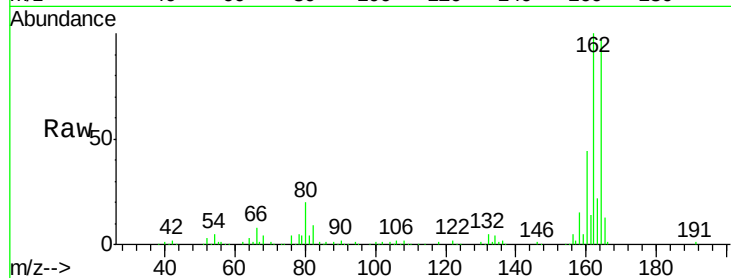
Ion Ratio Lower Upper

165 100

63 0.0 51.4 77.2#

89 1.7 72.6 108.8#

182 0.0 1.4 2.0#

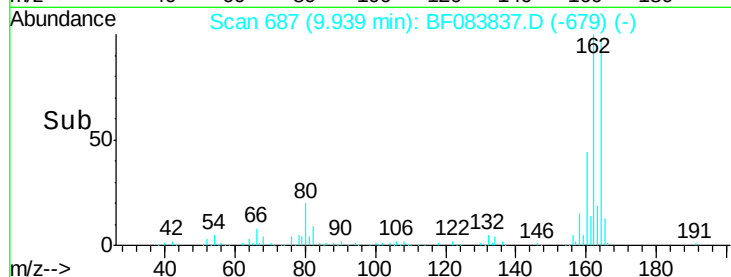


Abundance Ion 165.00 (164.70 to 165.70): E

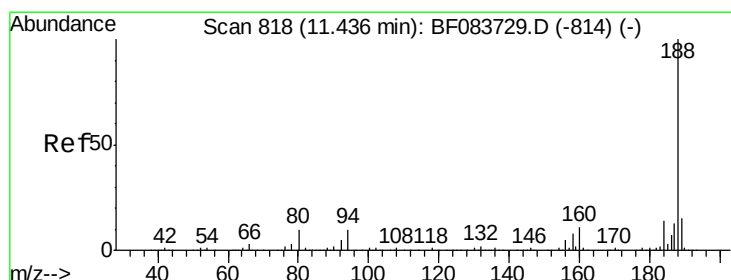
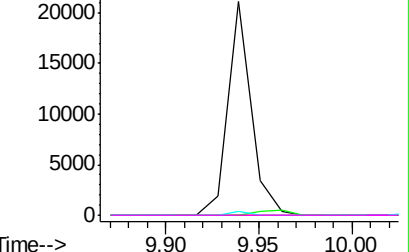
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF083837.D

Acq: 16 Dec 2015 2:18

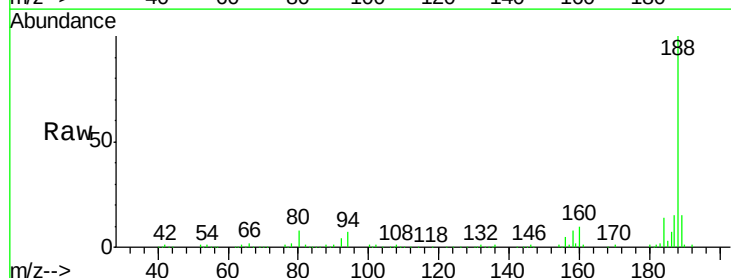
Tgt Ion:188 Resp: 236194

Ion Ratio Lower Upper

188 100

94 7.4 9.4 14.2#

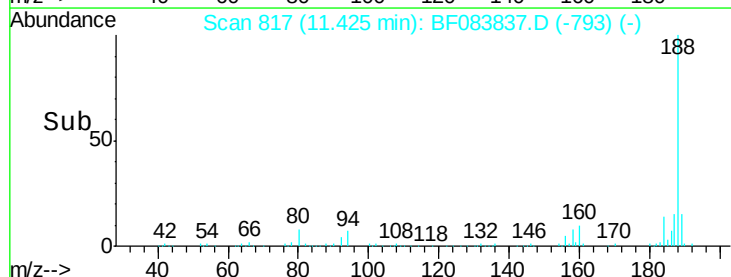
80 7.6 10.6 16.0#



Abundance Ion 188.00 (187.70 to 188.70): E

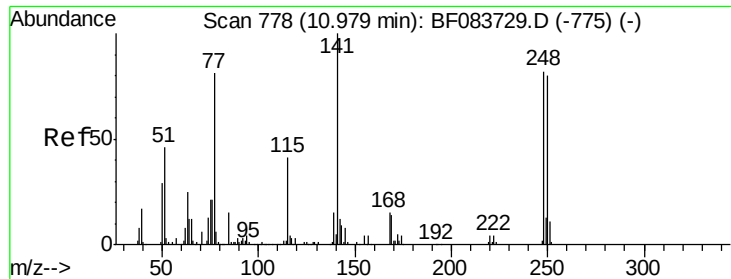
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->





#66

4-Bromophenyl-phenylether

Concen: 4.08 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.26 min

Lab File: BF083837.D

Acq: 16 Dec 2015 2:18

Instrument :

BNA_F

ClientSampleId :

TPMW3

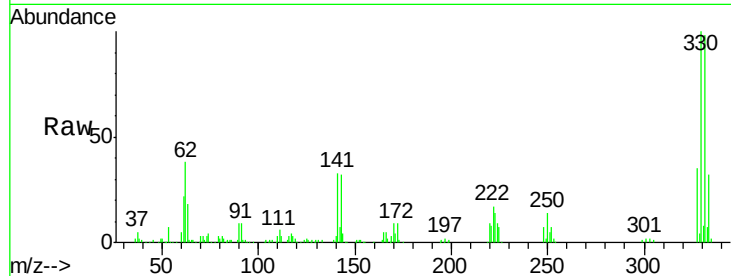
Tgt Ion:248 Resp: 10788

Ion Ratio Lower Upper

248 100

250 199.3 79.2 118.8#

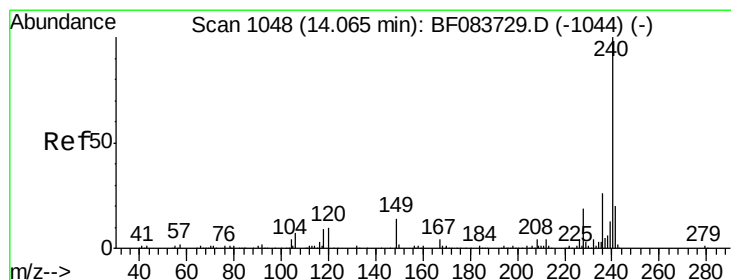
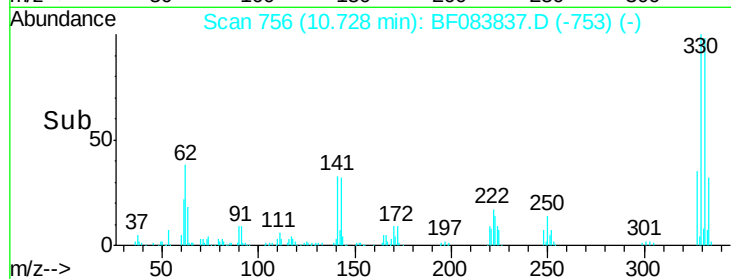
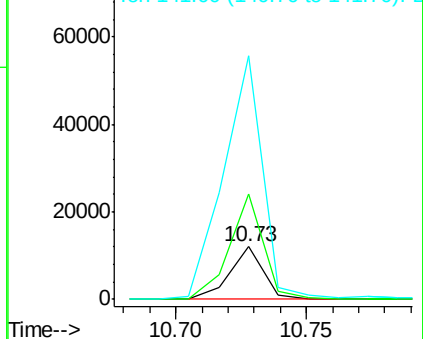
141 462.5 58.2 87.4#



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: BF083837.D

Acq: 16 Dec 2015 2:18

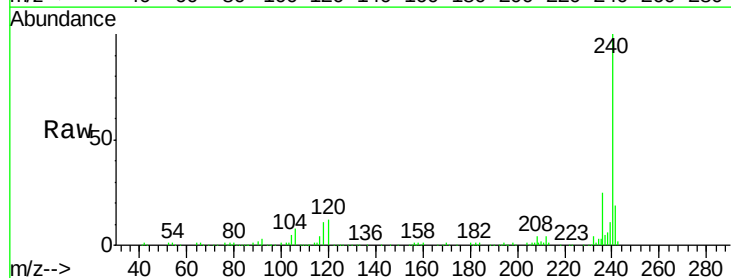
Tgt Ion:240 Resp: 212376

Ion Ratio Lower Upper

240 100

120 11.7 8.1 12.1

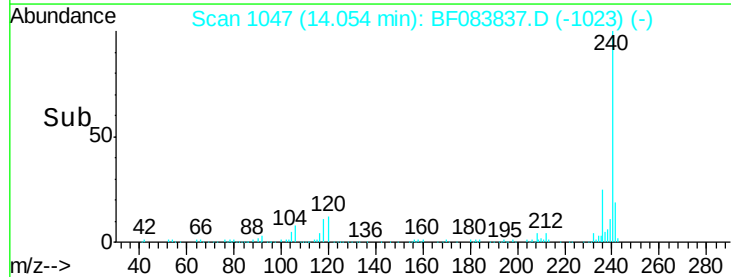
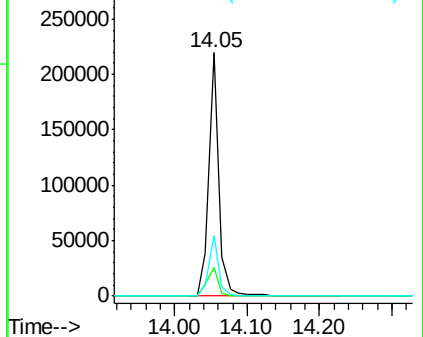
236 25.1 20.8 31.2

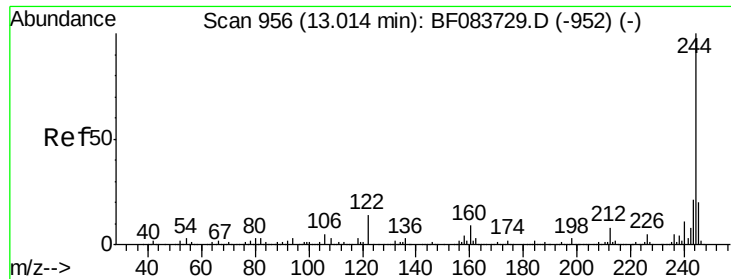


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.36 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF083837.D

Acq: 16 Dec 2015 2:18

Instrument :

BNA_F

ClientSampleId :

TPMW3

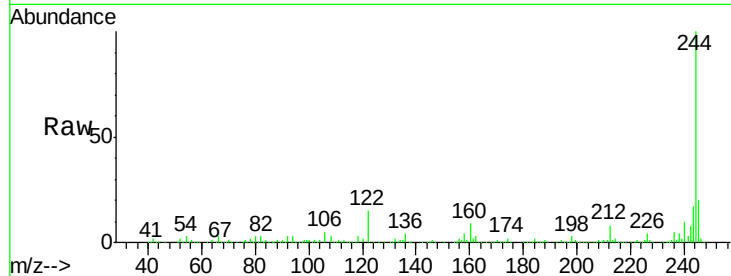
Tgt Ion:244 Resp: 645328

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

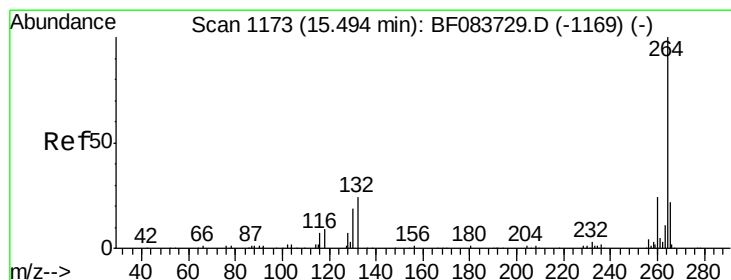
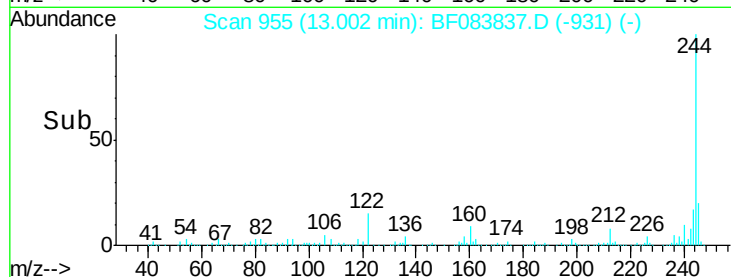
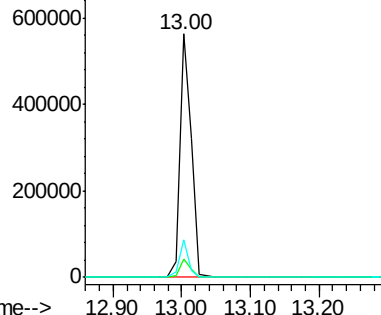
122 15.3 11.0 16.6



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: BF083837.D

Acq: 16 Dec 2015 2:18

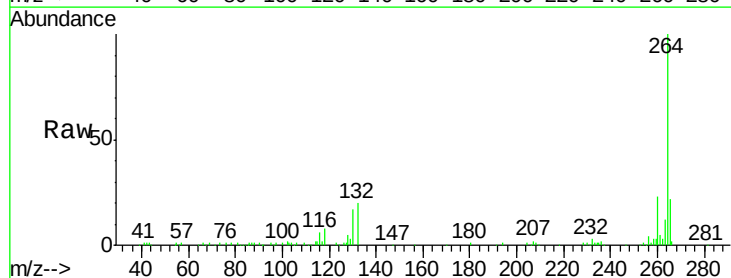
Tgt Ion:264 Resp: 146995

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

265 21.7 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

