

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121715\
 Data File : BF083866.D
 Acq On : 17 Dec 2015 4:29
 Operator : UM/SJ
 Sample : PB87315TB
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87315TB

Quant Time: Dec 17 06:05:19 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

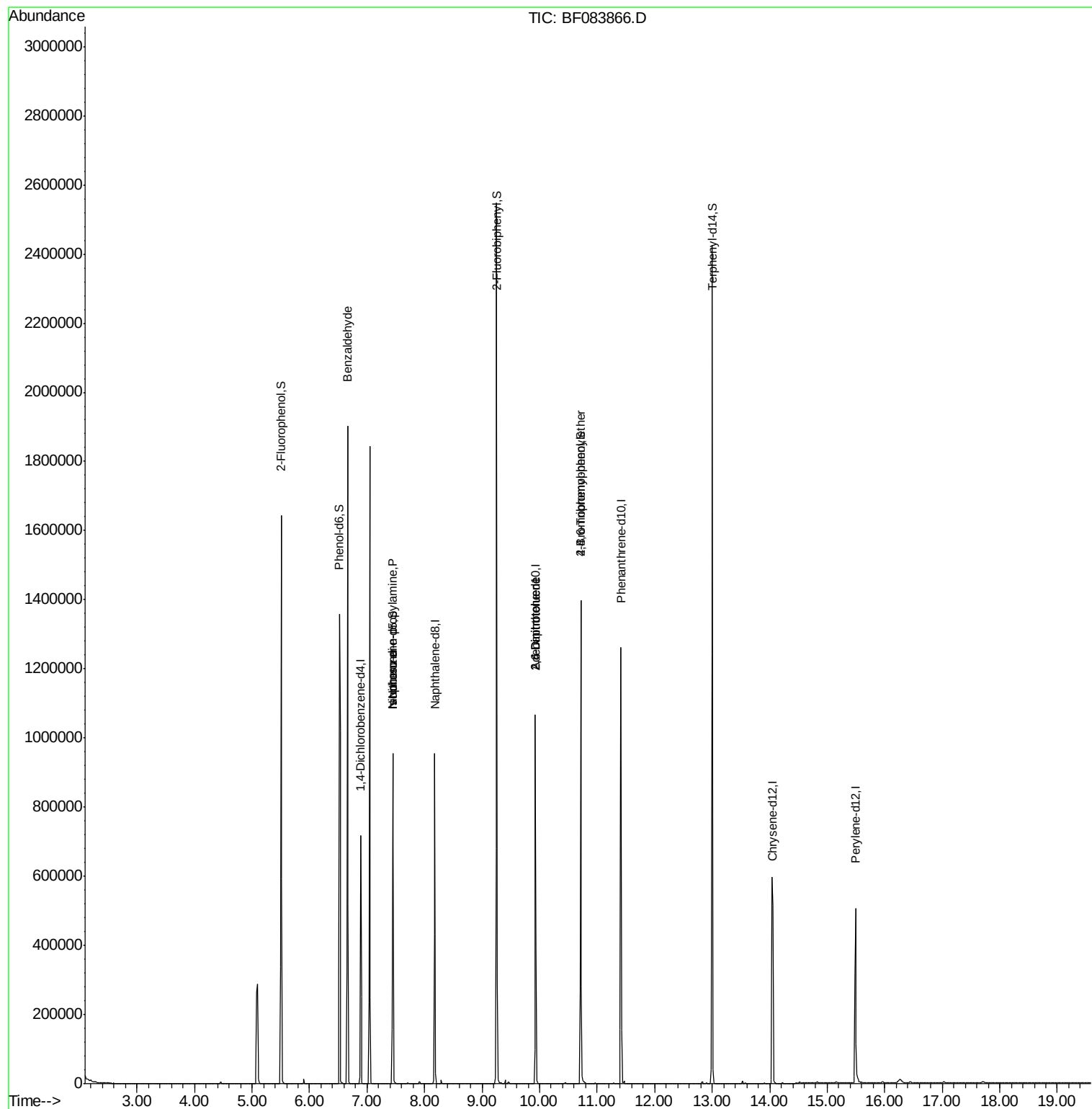
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	117435	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	506565	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	232398	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	431302	20.00	ng	-0.03
75) Chrysene-d12	14.05	240	297680	20.00	ng	-0.02
86) Perylene-d12	15.49	264	258662	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	540459	74.25	ng	-0.02
7) Phenol-d6	6.52	99	726694	78.83	ng	-0.02
23) Nitrobenzene-d5	7.45	82	438177	48.39	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	172518	72.85	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	829701	46.08	ng	-0.03
78) Terphenyl-d14	13.00	244	863184	62.37	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.66	77	12510	2.53	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.45	70	56848	10.07	ng	# 71
25) Isophorone	7.45	82	399767	22.50	ng	# 69
50) 2,6-Dinitrotoluene	9.93	165	28734	7.47	ng	# 18
56) 2,4-Dinitrotoluene	9.93	165	28735	5.72	ng	# 13
66) 4-Bromophenyl-phenylether	10.72	248	11350	2.35	ng	# 1

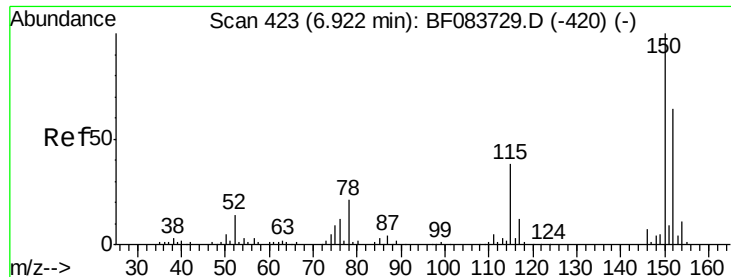
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083866.D

Acq: 17 Dec 2015 4:29

Instrument :

BNA_F

ClientSampleId :

PB87315TB

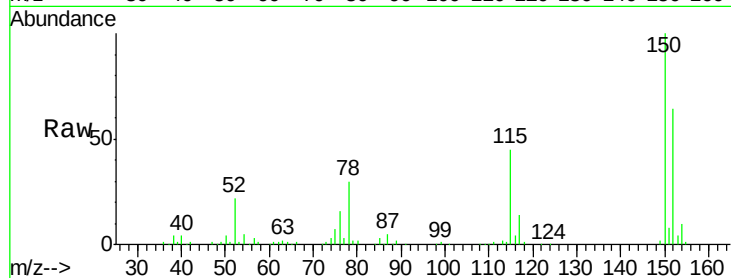
Tgt Ion:152 Resp: 117435

Ion Ratio Lower Upper

152 100

150 156.7 126.5 189.7

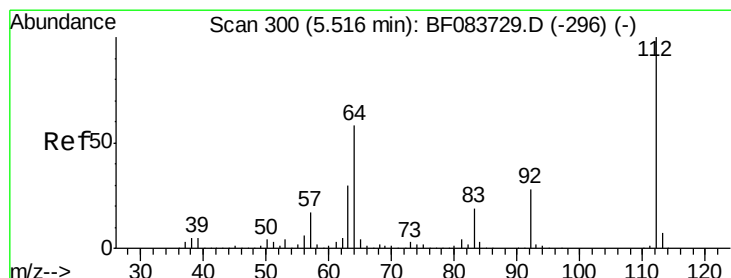
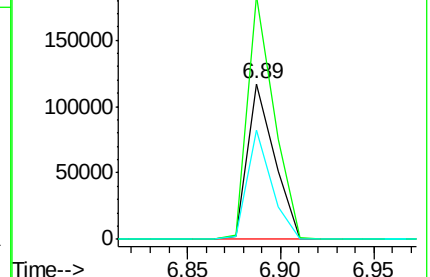
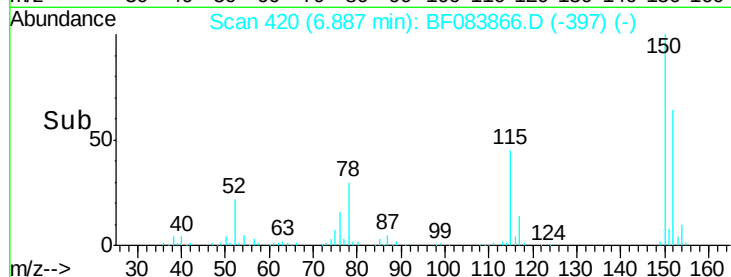
115 70.6 52.3 78.5



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: 74.25 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083866.D

Acq: 17 Dec 2015 4:29

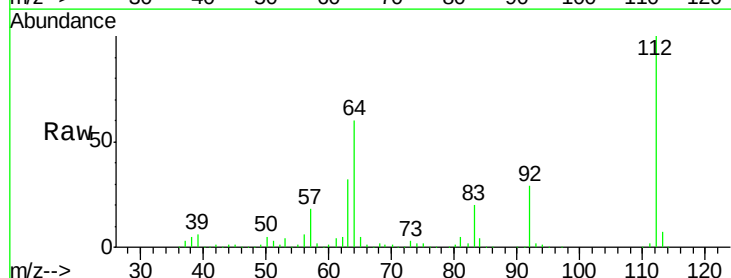
Tgt Ion:112 Resp: 540459

Ion Ratio Lower Upper

112 100

64 59.9 50.5 75.7

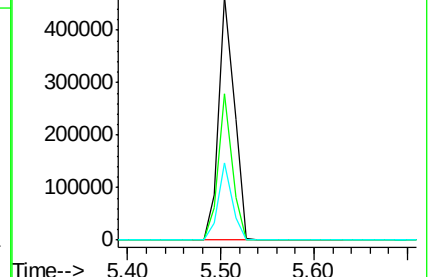
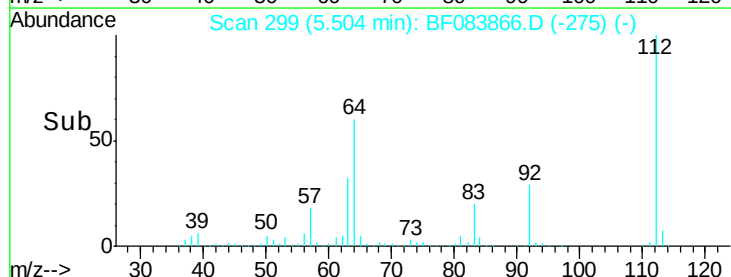
63 31.6 25.8 38.6

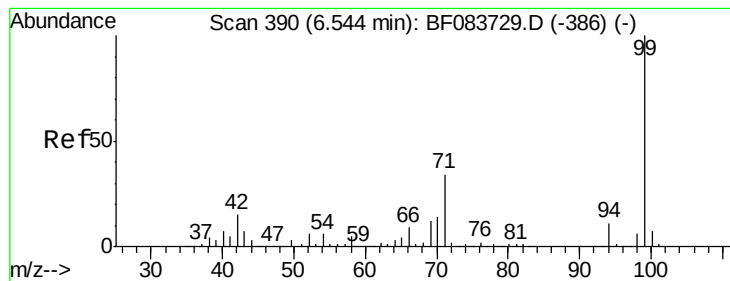


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 78.83 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083866.D

Acq: 17 Dec 2015 4:29

Instrument :

BNA_F

ClientSampleId :

PB87315TB

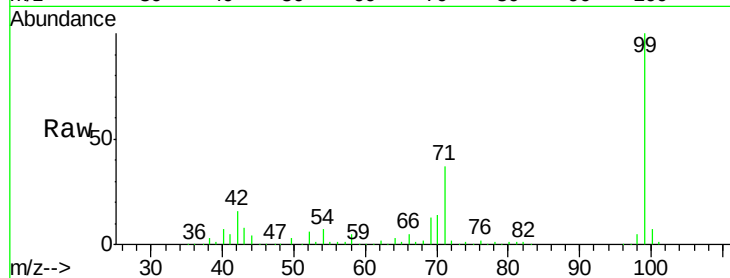
Tgt Ion: 99 Resp: 726694

Ion Ratio Lower Upper

99 100

42 16.1 17.3 25.9#

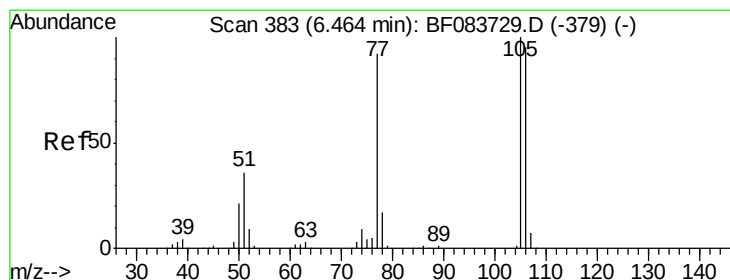
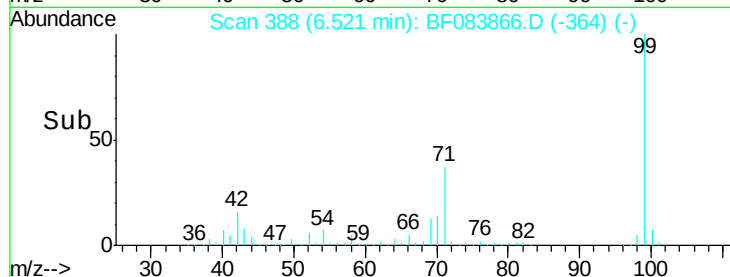
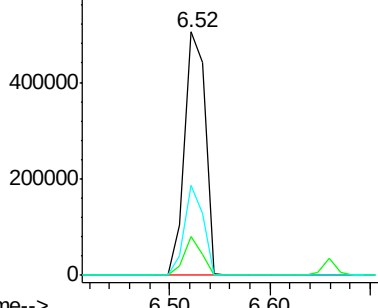
71 36.9 26.6 40.0



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: 2.53 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.19 min

Lab File: BF083866.D

Acq: 17 Dec 2015 4:29

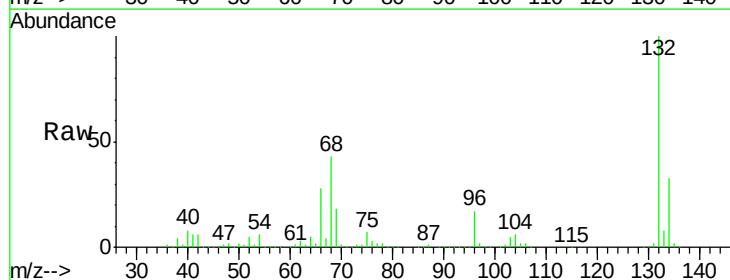
Tgt Ion: 77 Resp: 12510

Ion Ratio Lower Upper

77 100

105 84.4 71.8 111.8

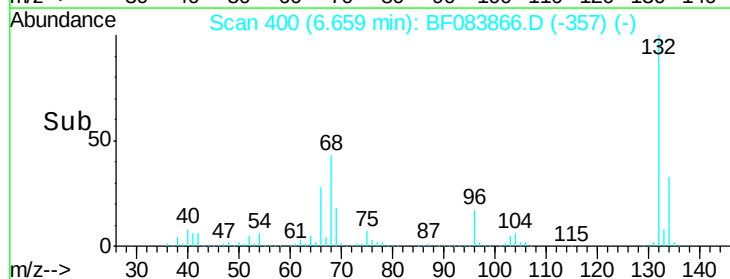
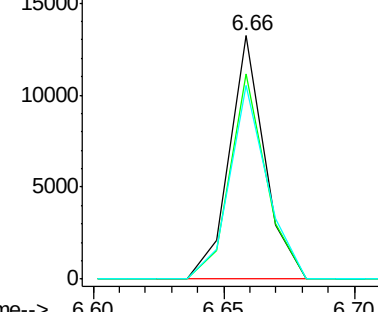
106 79.5 66.8 106.8

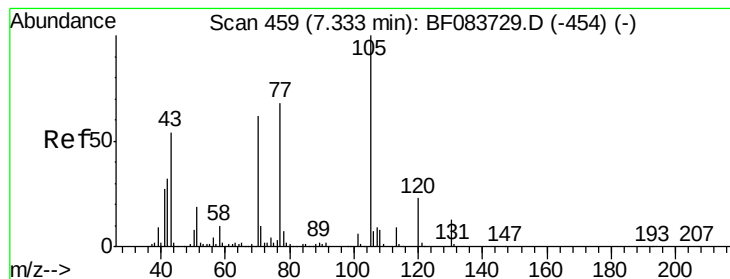


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 10.07 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.10 min

Lab File: BF083866.D

Acq: 17 Dec 2015 4:29

Instrument :

BNA_F

ClientSampleId :

PB87315TB

Tgt Ion: 70 Resp: 56848

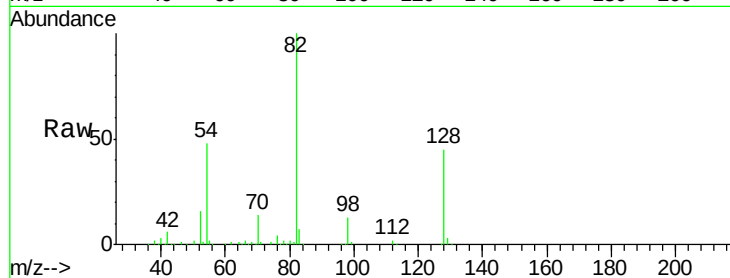
Ion Ratio Lower Upper

70 100

42 40.9 49.2 73.8#

101 0.0 7.1 10.7#

130 2.4 15.4 23.0#

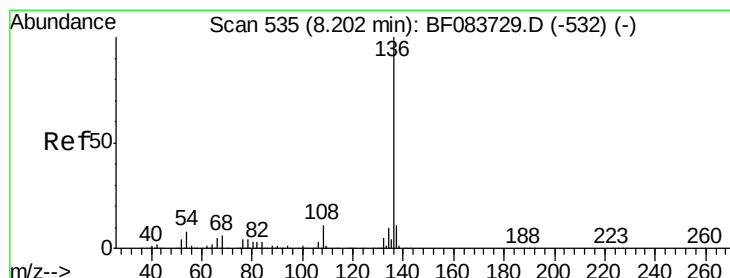
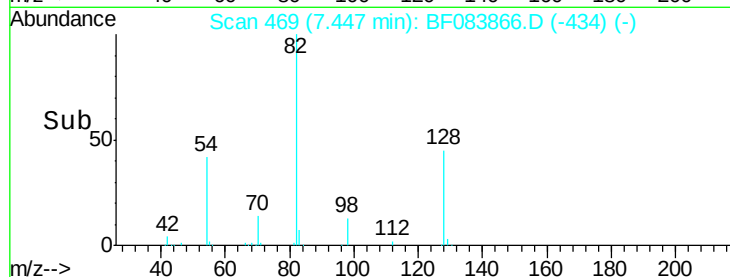
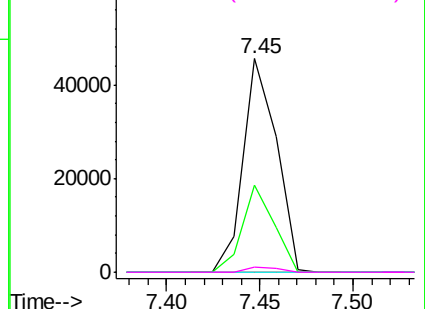


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF083866.D

Acq: 17 Dec 2015 4:29

Tgt Ion: 136 Resp: 506565

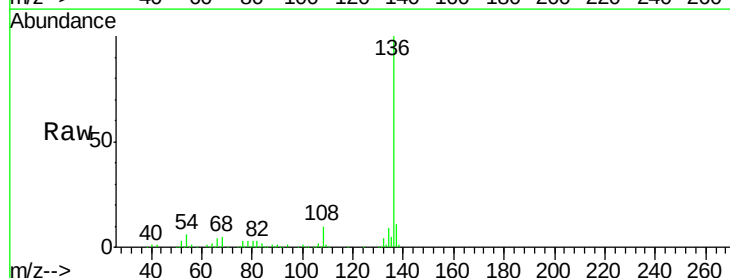
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 5.6 7.8 11.6#

68 4.6 5.7 8.5#

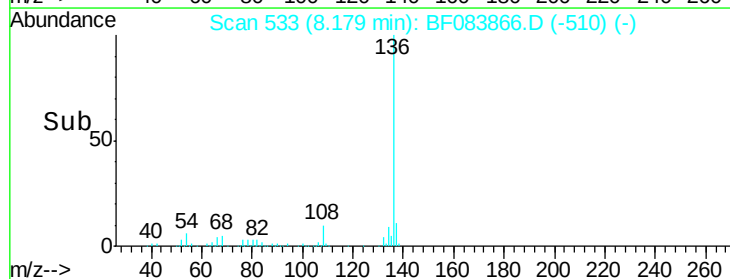
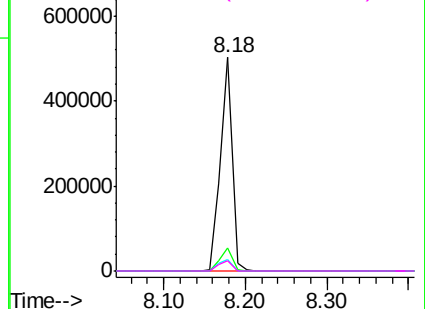


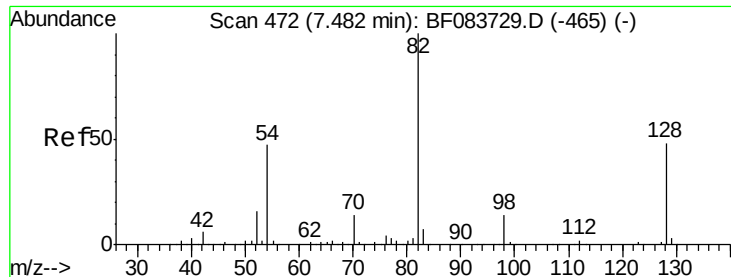
Abundance Ion 136.00 (135.70 to 136.70): E

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

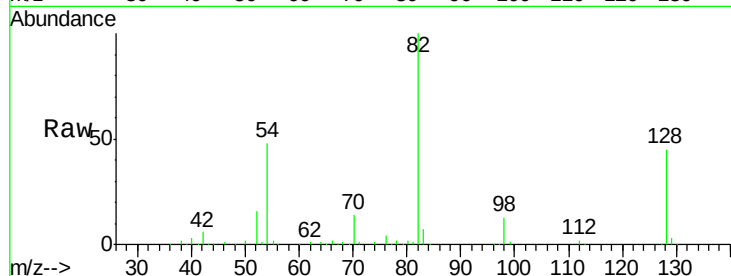




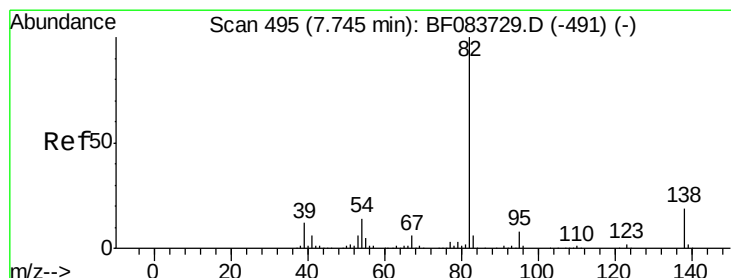
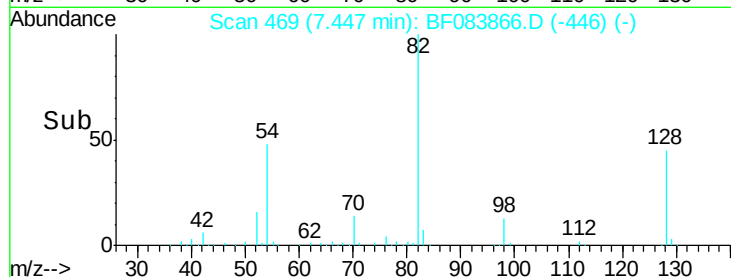
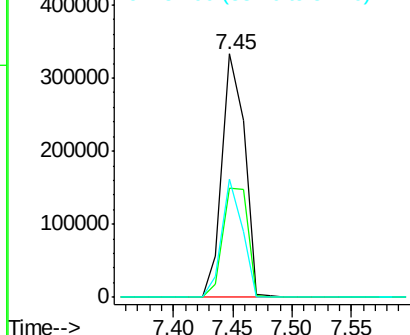
#23
Nitrobenzene-d5
Concen: 48.39 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.03 min
Lab File: BF083866.D
Acq: 17 Dec 2015 4:29

Instrument :
BNA_F
ClientSampleId :
PB87315TB

Tgt Ion: 82 Resp: 438177
Ion Ratio Lower Upper
82 100
128 44.8 30.7 46.1
54 48.4 42.5 63.7

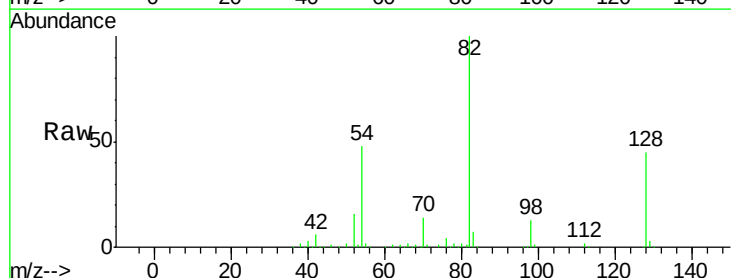


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

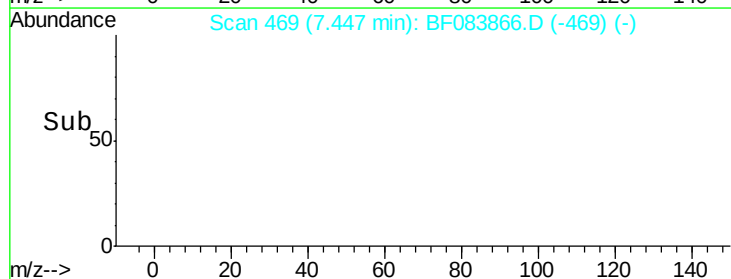
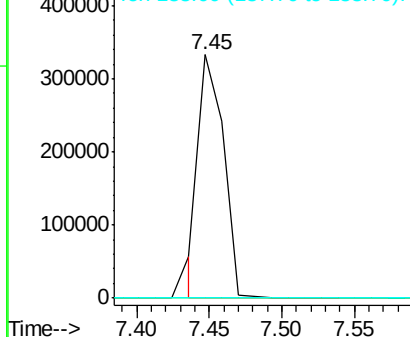


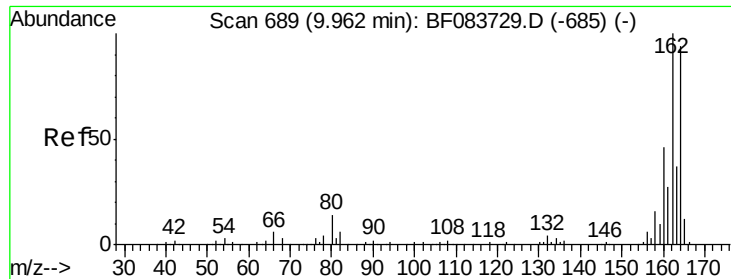
#25
Isophorone
Concen: 22.50 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.30 min
Lab File: BF083866.D
Acq: 17 Dec 2015 4:29

Tgt Ion: 82 Resp: 399767
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: 9.93 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF083866.D

Acq: 17 Dec 2015 4:29

Instrument :

BNA_F

ClientSampleId :

PB87315TB

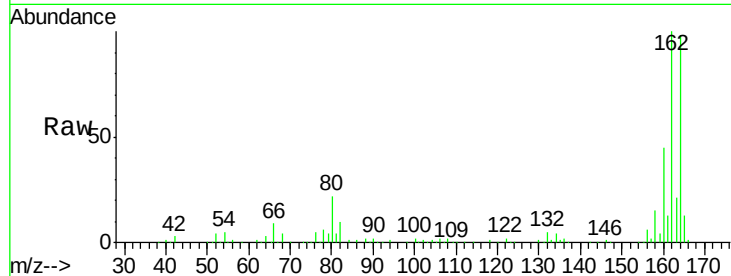
Tgt Ion:164 Resp: 232398

Ion Ratio Lower Upper

164 100

162 102.1 78.8 118.2

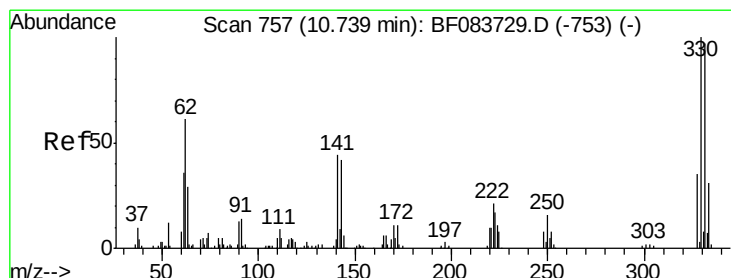
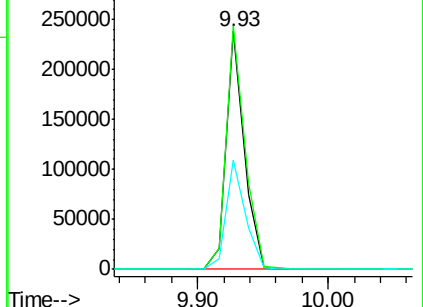
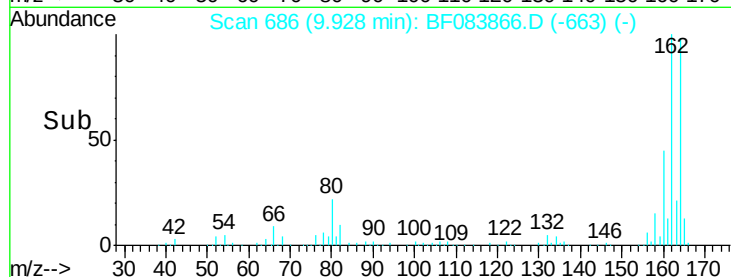
160 45.6 33.4 50.2



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: 72.85 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.03 min

Lab File: BF083866.D

Acq: 17 Dec 2015 4:29

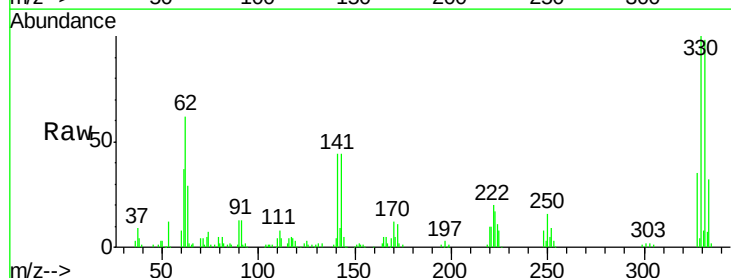
Tgt Ion:330 Resp: 172518

Ion Ratio Lower Upper

330 100

332 97.8 0.0 0.0#

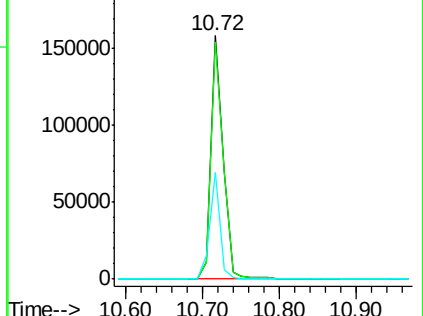
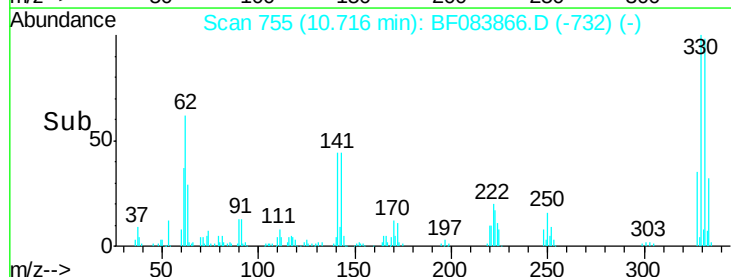
141 37.2 0.0 0.0#

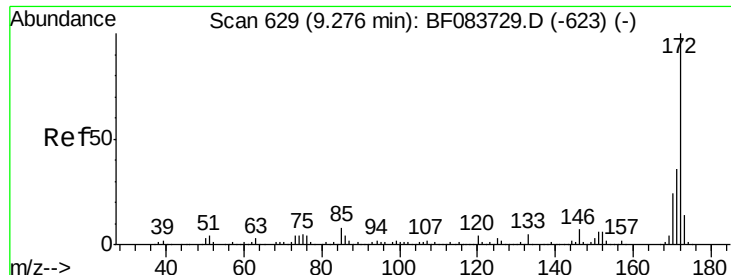


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

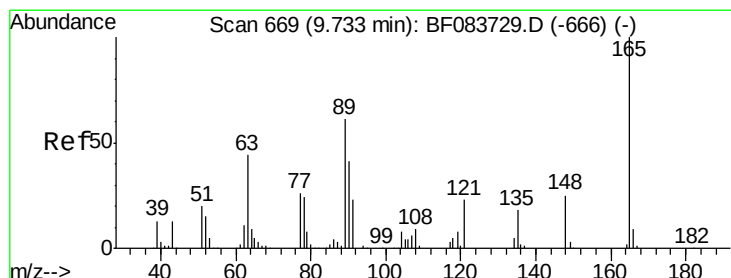
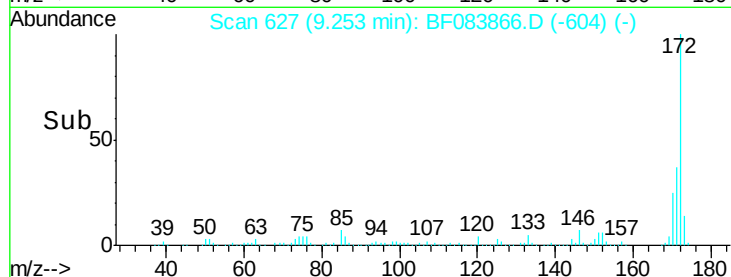
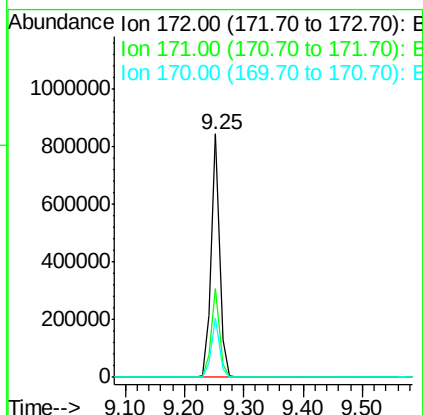
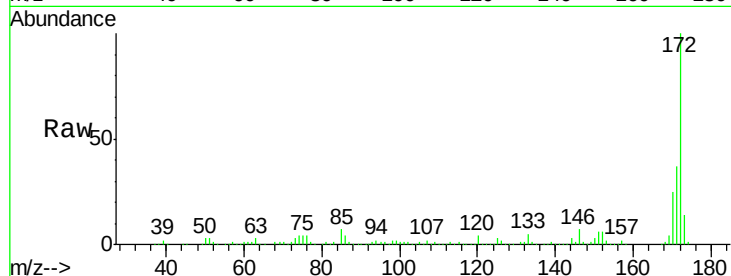




#44
 2-Fluorobiphenyl
 Concen: 46.08 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083866.D
 Acq: 17 Dec 2015 4:29

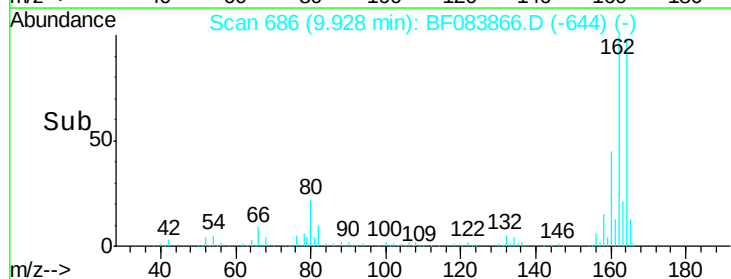
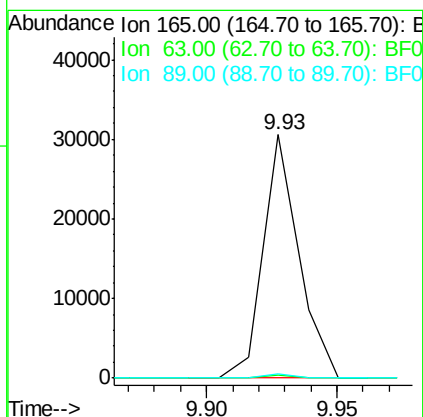
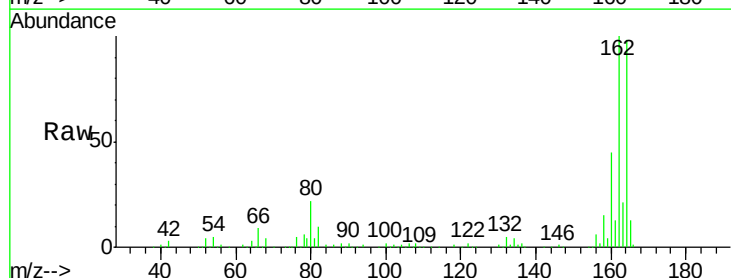
Instrument :
 BNA_F
 ClientSampled :
 PB87315TB

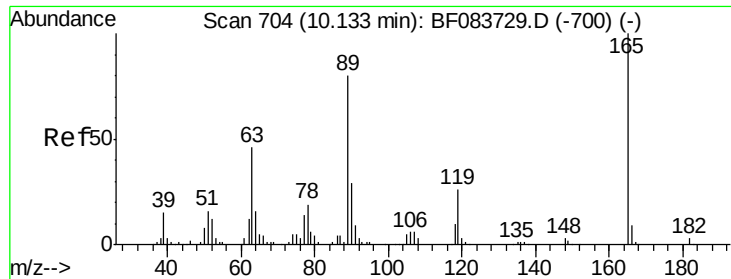
Tgt Ion:172 Resp: 829701
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 42.8
 170 24.5 19.4 29.0



#50
 2,6-Dinitrotoluene
 Concen: 7.47 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.18 min
 Lab File: BF083866.D
 Acq: 17 Dec 2015 4:29

Tgt Ion:165 Resp: 28734
 Ion Ratio Lower Upper
 165 100
 63 1.2 56.9 85.3#
 89 1.7 52.1 78.1#

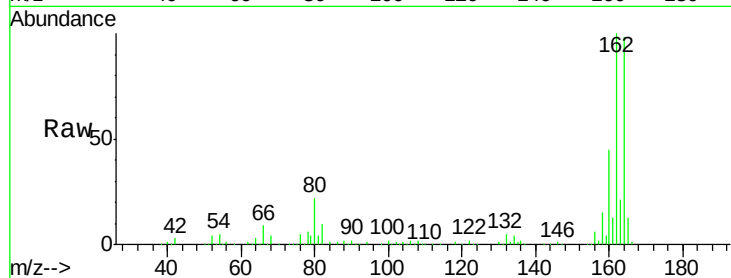




#56
 2,4-Dinitrotoluene
 Concen: 5.72 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.22 min
 Lab File: BF083866.D
 Acq: 17 Dec 2015 4:29

Instrument :
 BNA_F
 ClientSampleId :
 PB87315TB

Tgt 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#

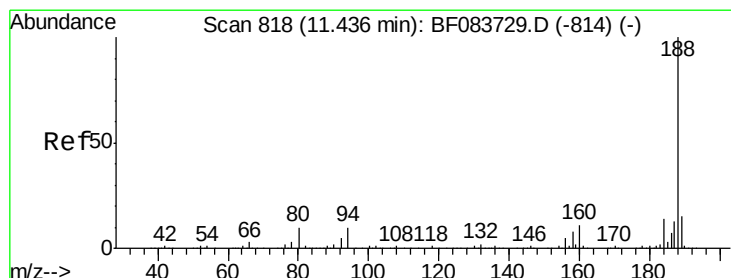
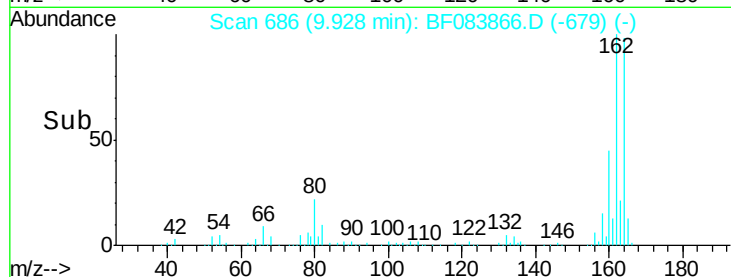
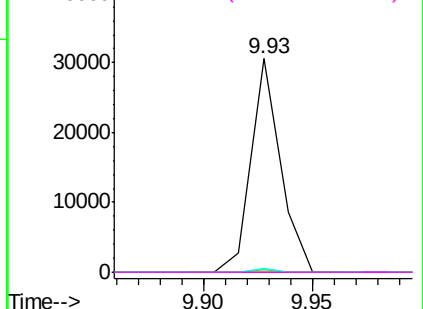


Abundance Ion 165.00 (164.70 to 165.70): E

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



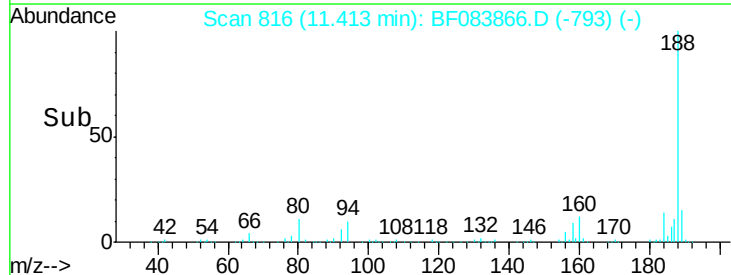
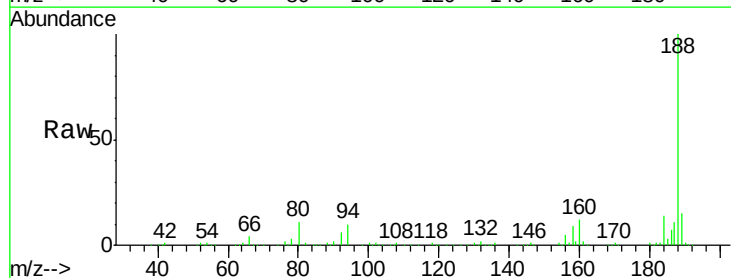
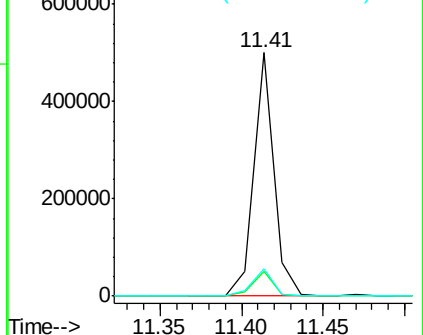
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF083866.D
 Acq: 17 Dec 2015 4:29

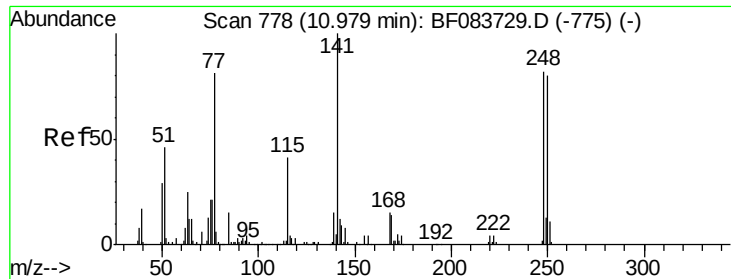
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.2	10.6	16.0

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

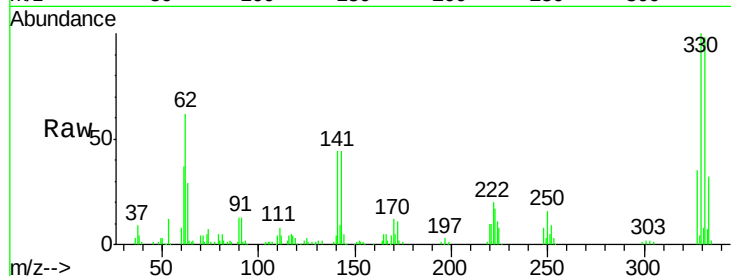




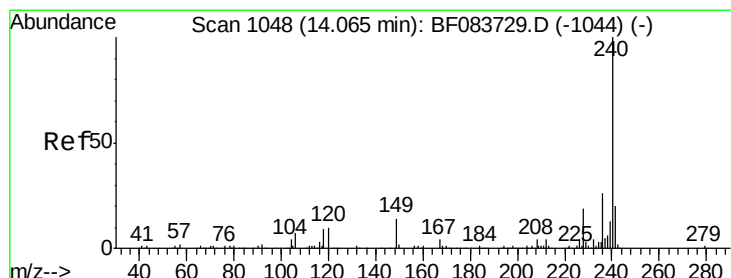
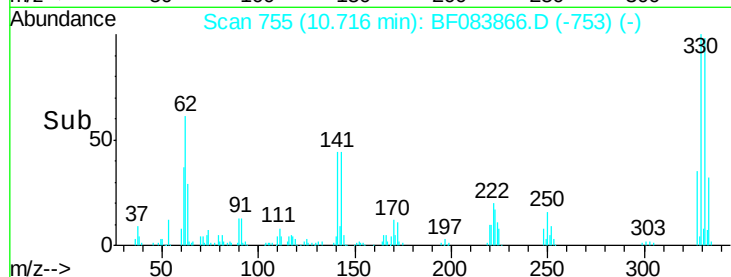
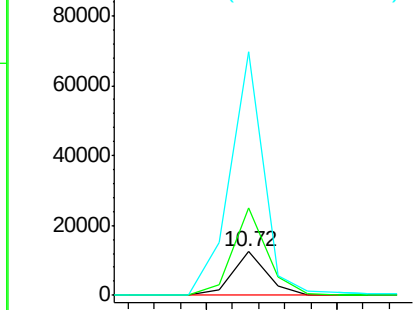
#66
 4-Bromophenyl-phenylether
 Concen: 2.35 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.27 min
 Lab File: BF083866.D
 Acq: 17 Dec 2015 4:29

Instrument :
 BNA_F
 ClientSampleId :
 PB87315TB

Tgt Ion:248 Resp: 11350
 Ion Ratio Lower Upper
 248 100
 250 199.2 79.2 118.8#
 141 555.1 58.2 87.4#

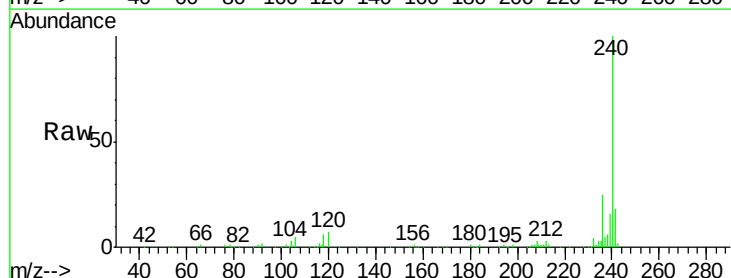


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

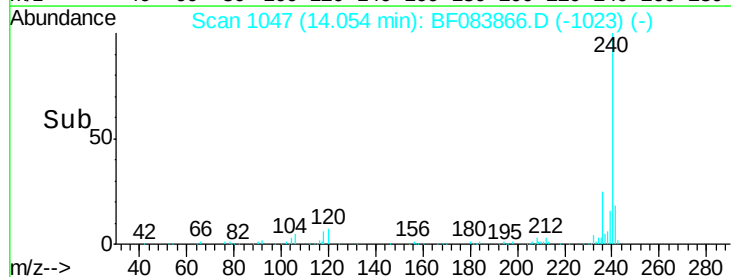
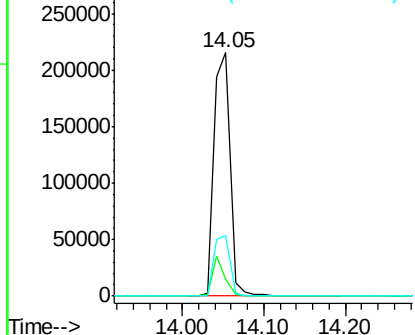


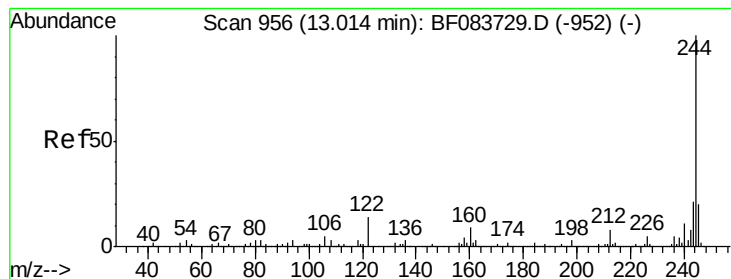
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF083866.D
 Acq: 17 Dec 2015 4:29

Tgt Ion:240 Resp: 297680
 Ion Ratio Lower Upper
 240 100
 120 7.1 8.1 12.1#
 236 24.8 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: 62.37 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF083866.D

Acq: 17 Dec 2015 4:29

Instrument :

BNA_F

ClientSampleId :

PB87315TB

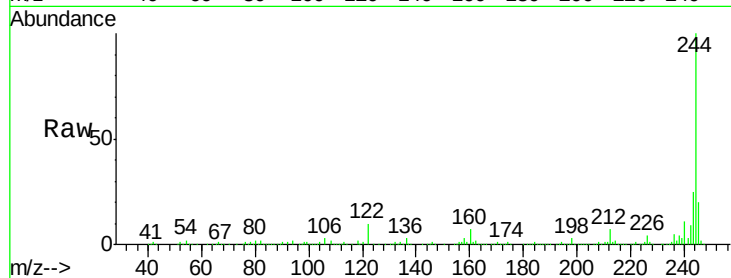
Tgt Ion:244 Resp: 863184

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

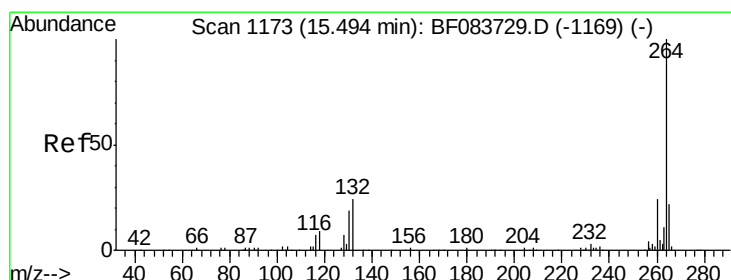
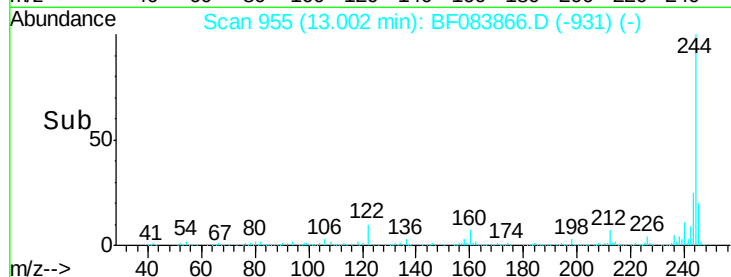
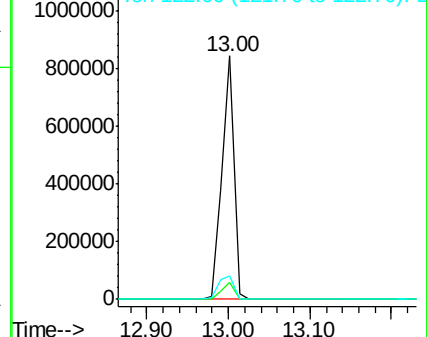
122 9.7 11.0 16.6#



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: BF083866.D

Acq: 17 Dec 2015 4:29

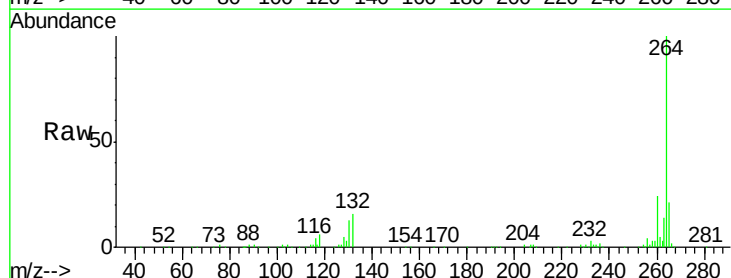
Tgt Ion:264 Resp: 258662

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

265 21.4 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

