

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085867.D
 Acq On : 29 Mar 2016 23:50
 Operator : UM/SJ
 Sample : H1979-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Quant Time: Mar 29 23:55:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

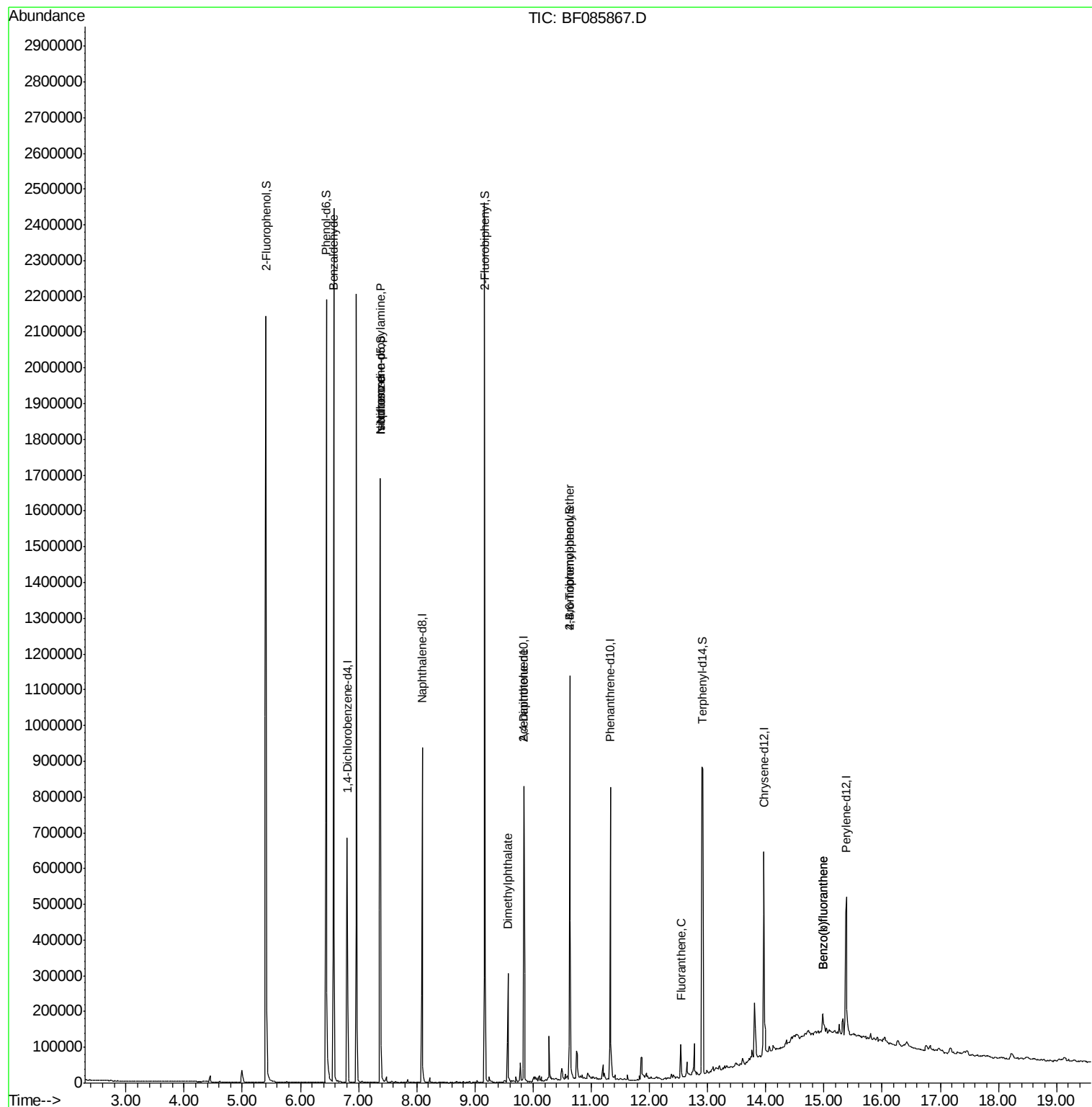
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	107994	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	432703	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	169705	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	275140	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	227648	20.00	ng	-0.01
86) Perylene-d12	15.39	264	204168	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	745308	114.94	ng	0.00
7) Phenol-d6	6.45	99	867312	105.20	ng	-0.01
23) Nitrobenzene-d5	7.37	82	575008	74.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	141997	88.07	ng	-0.02
44) 2-Fluorobiphenyl	9.17	172	707228	69.63	ng	-0.02
78) Terphenyl-d14	12.92	244	392049	35.42	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.57	77	14769	2.97	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.37	70	75866	15.37	ng	# 78
25) Isophorone	7.37	82	456958	30.87	ng	# 68
37) 2-Methylnaphthalene	8.90	142	656	Below	Cal	89
49) Dimethylphthalate	9.57	163	133665	10.38	ng	98
56) 2,4-Dinitrotoluene	9.84	165	21731	6.17	ng	# 36
66) 4-Bromophenyl-phenylether	10.63	248	9408	3.34	ng	# 1
74) Fluoranthene	12.54	202	36094	2.40	ng	92
87) Benzo(b)fluoranthene	14.99	252	38869	3.02	ng	# 89
88) Benzo(k)fluoranthene	14.99	252	38869	3.35	ng	# 87

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF085867.D

Acq: 29 Mar 2016 23:50

Instrument :

BNA_F

ClientSampleId :

TP-10

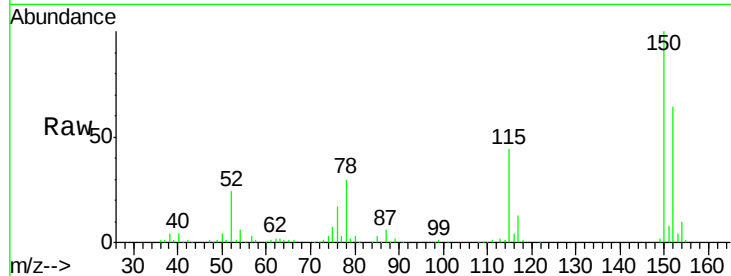
Tgt Ion:152 Resp: 107994

Ion Ratio Lower Upper

152 100

150 155.9 124.2 186.2

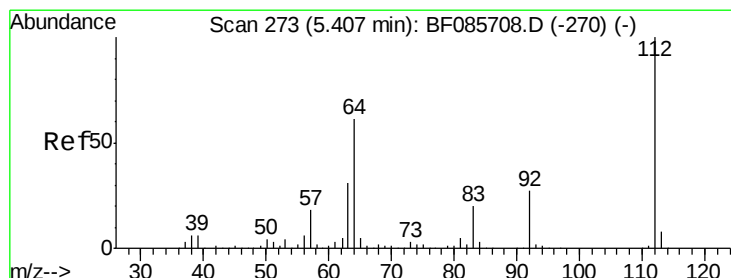
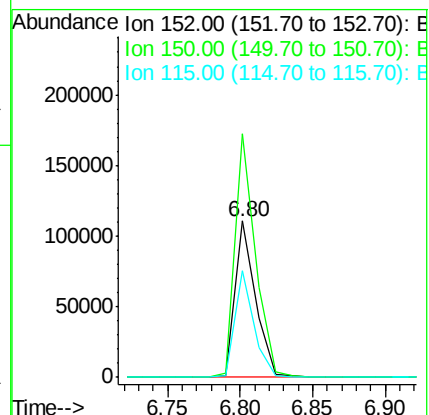
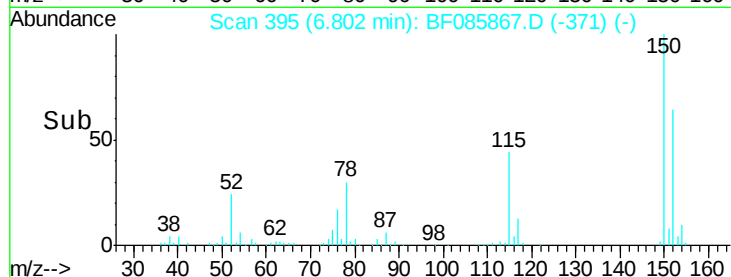
115 68.3 47.0 70.6



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: 114.94 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF085867.D

Acq: 29 Mar 2016 23:50

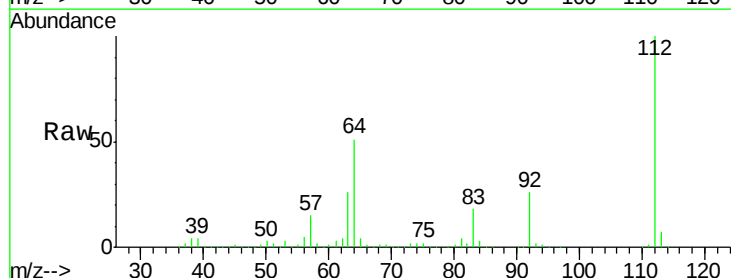
Tgt Ion:112 Resp: 745308

Ion Ratio Lower Upper

112 100

64 50.8 39.9 59.9

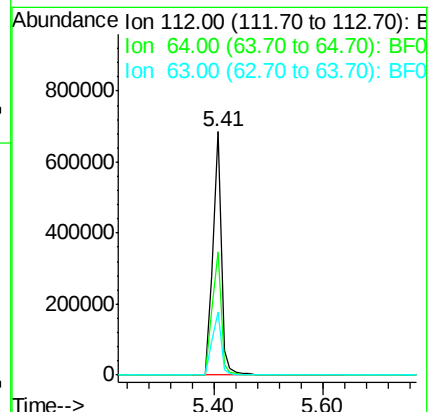
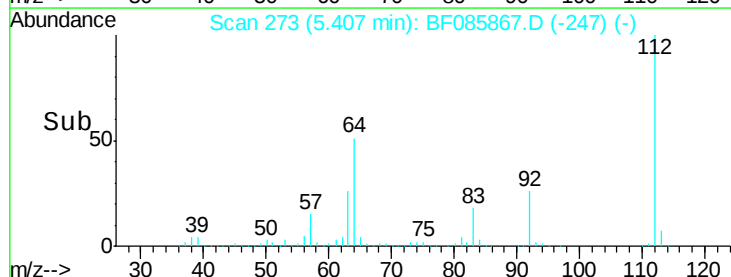
63 25.8 20.2 30.2

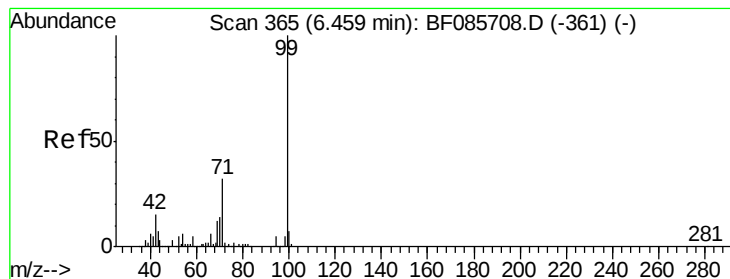


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.20 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085867.D

Acq: 29 Mar 2016 23:50

Instrument :

BNA_F

ClientSampled :

TP-10

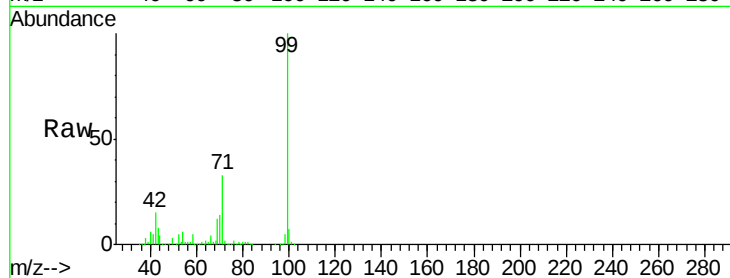
Tgt Ion: 99 Resp: 867312

Ion Ratio Lower Upper

99 100

42 15.2 11.1 16.7

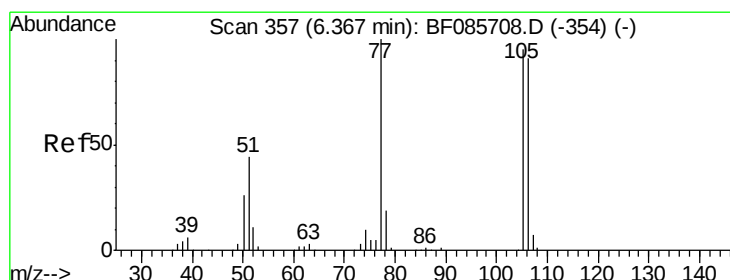
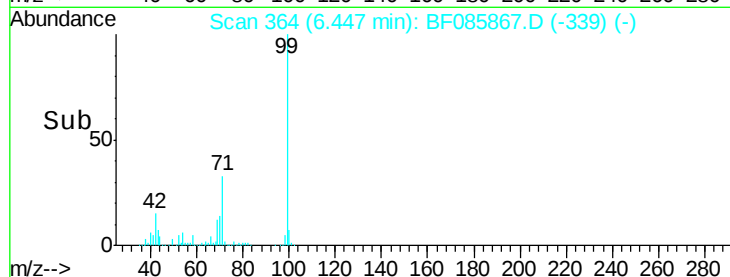
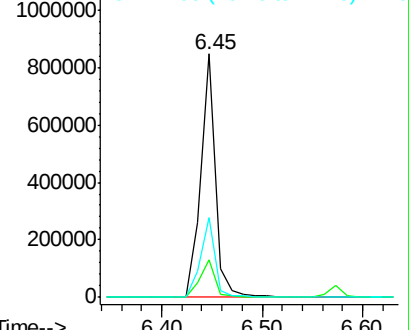
71 32.6 24.9 37.3



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: 2.97 ng

RT: 6.57 min Scan# 375

Delta R.T. 0.21 min

Lab File: BF085867.D

Acq: 29 Mar 2016 23:50

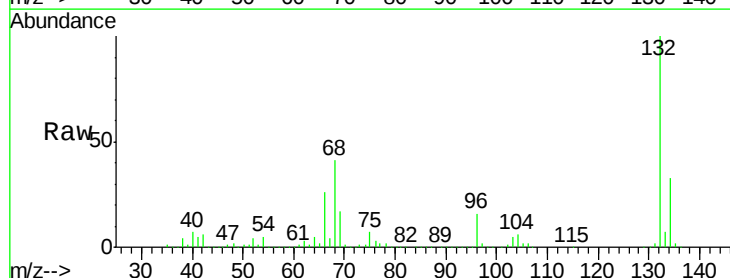
Tgt Ion: 77 Resp: 14769

Ion Ratio Lower Upper

77 100

105 85.0 80.1 120.1

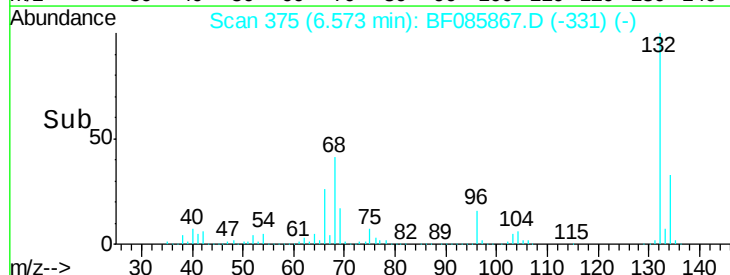
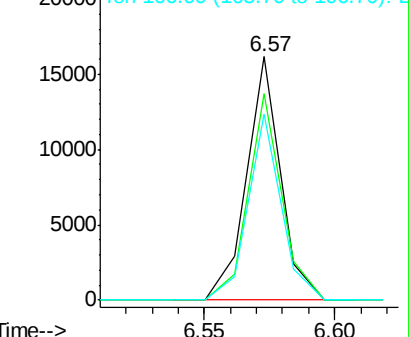
106 76.6 75.0 115.0

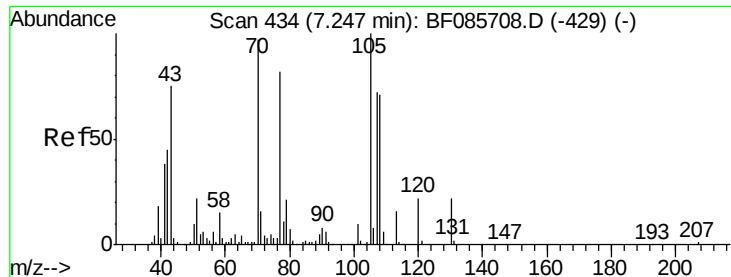


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 15.37 ng

RT: 7.37 min Scan# 445

Delta R.T. 0.13 min

Lab File: BF085867.D

Acq: 29 Mar 2016 23:50

Instrument :

BNA_F

ClientSampleId :

TP-10

Tgt Ion: 70 Resp: 75866

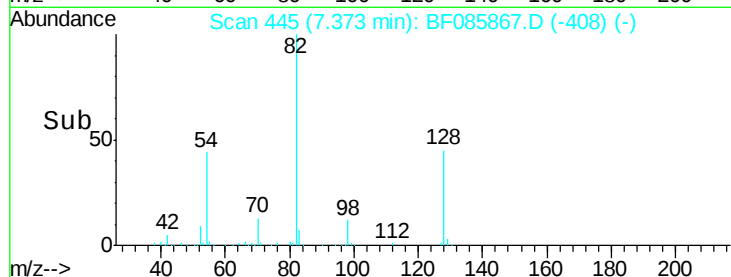
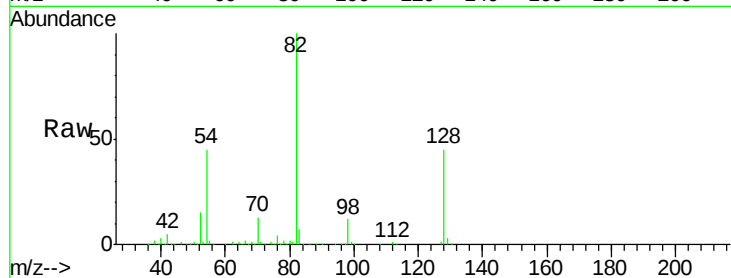
Ion Ratio Lower Upper

70 100

42 40.3 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#

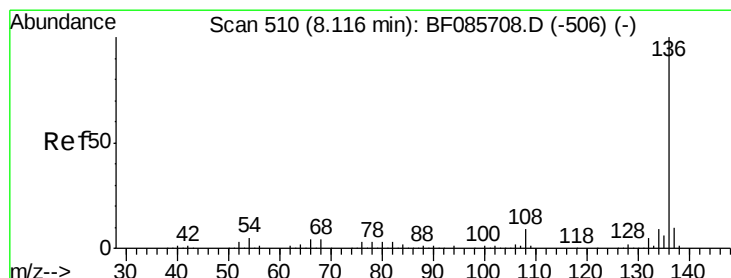
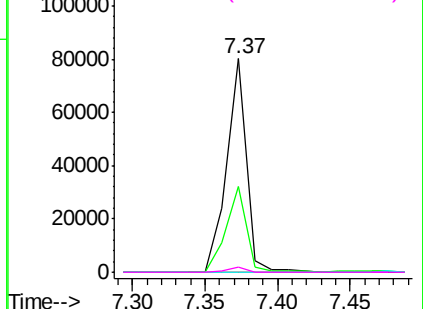


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.09 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF085867.D

Acq: 29 Mar 2016 23:50

Tgt Ion: 136 Resp: 432703

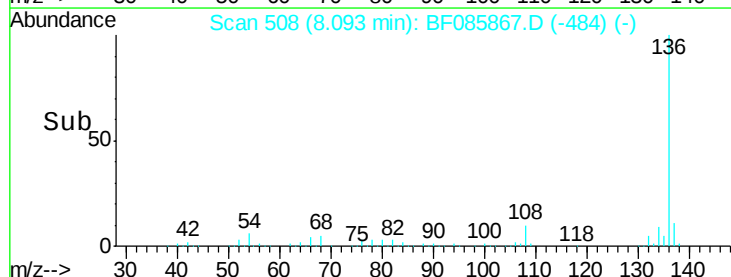
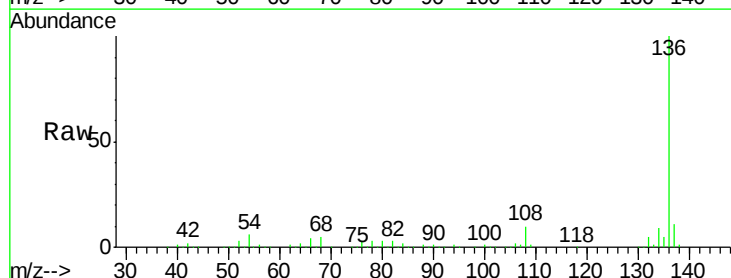
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.8 7.4 11.0#

68 5.0 5.8 8.8#

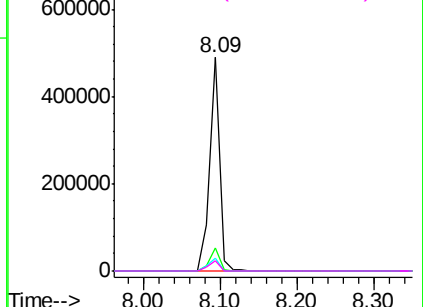


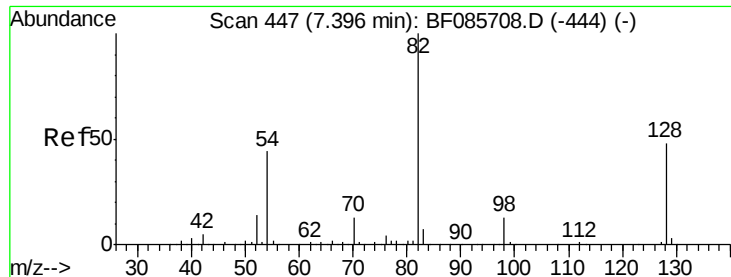
Abundance Ion 136.00 (135.70 to 136.70): E

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

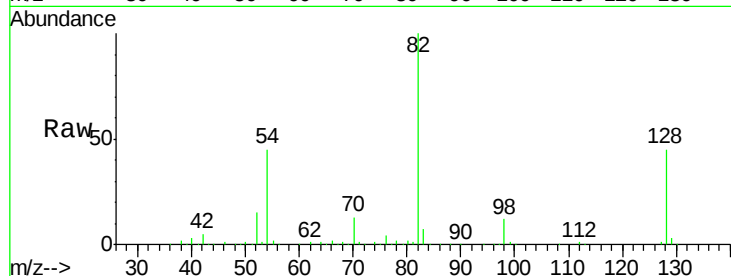




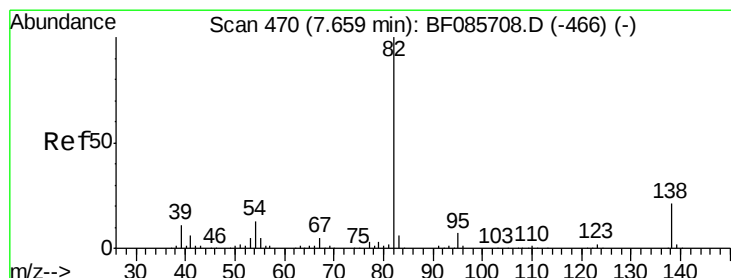
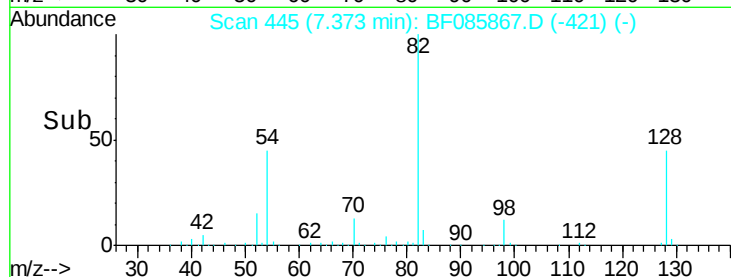
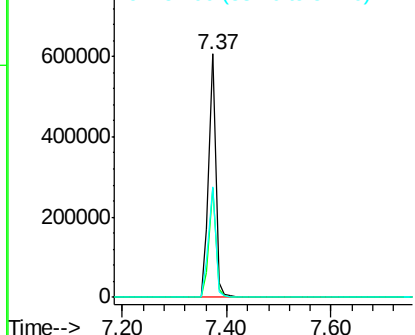
#23
 Nitrobenzene-d5
 Concen: 74.83 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF085867.D
 Acq: 29 Mar 2016 23:50

Instrument :
 BNA_F
 ClientSampleID :
 TP-10

Tgt Ion: 82 Resp: 575008
 Ion Ratio Lower Upper
 82 100
 128 44.9 41.8 62.8
 54 45.4 33.4 50.0

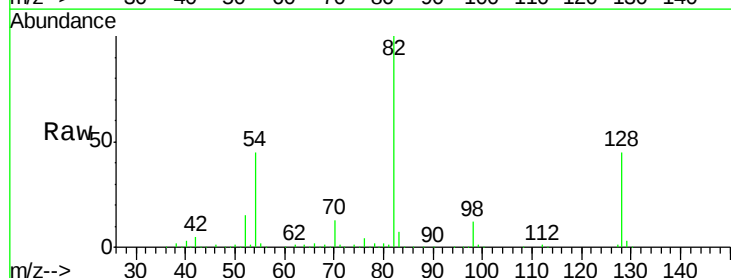


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

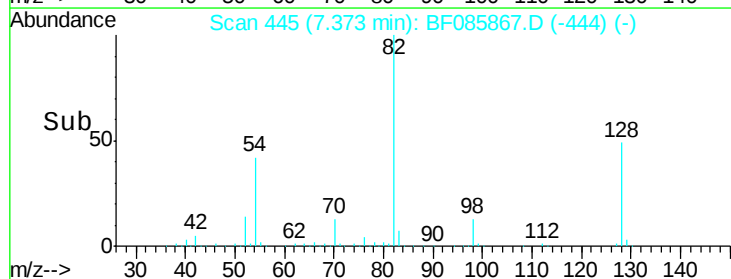
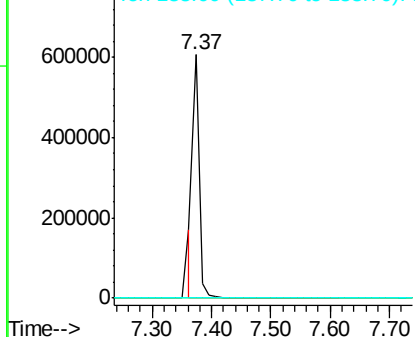


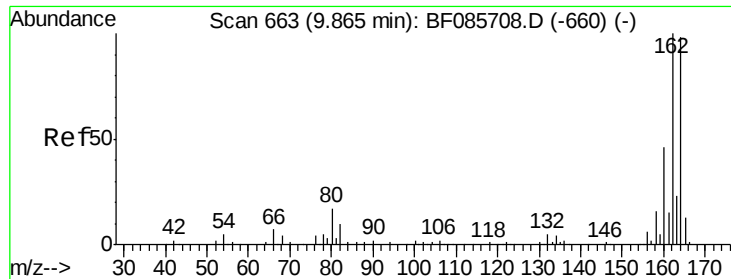
#25
 Isophorone
 Concen: 30.87 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.29 min
 Lab File: BF085867.D
 Acq: 29 Mar 2016 23:50

Tgt Ion: 82 Resp: 456958
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#



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: 9.84 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF085867.D

Acq: 29 Mar 2016 23:50

Instrument :

BNA_F

ClientSampleId :

TP-10

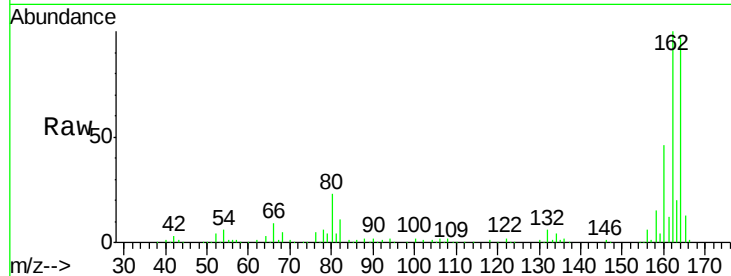
Tgt Ion:164 Resp: 169705

Ion Ratio Lower Upper

164 100

162 102.9 82.1 123.1

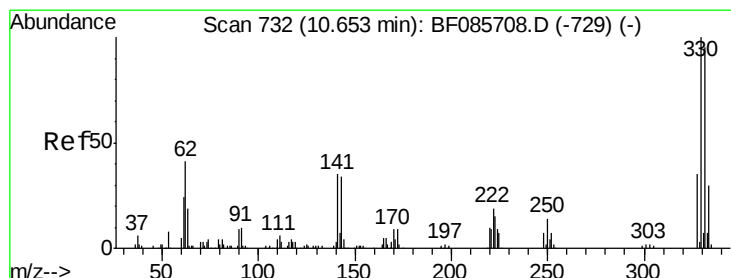
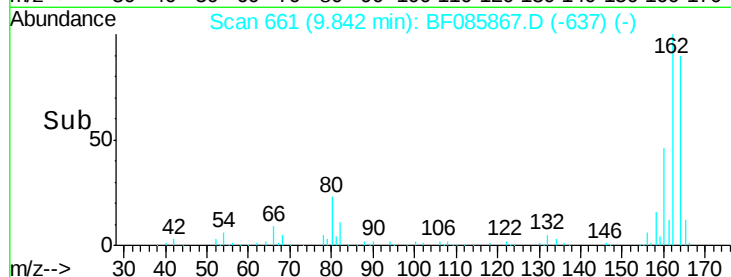
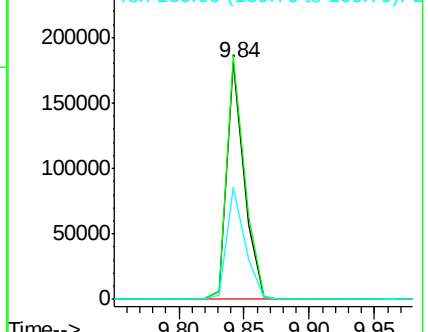
160 47.4 37.4 56.2



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: 88.07 ng

RT: 10.63 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF085867.D

Acq: 29 Mar 2016 23:50

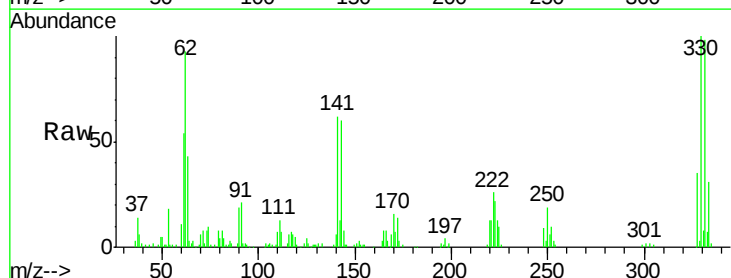
Tgt Ion:330 Resp: 141997

Ion Ratio Lower Upper

330 100

332 97.2 78.2 117.2

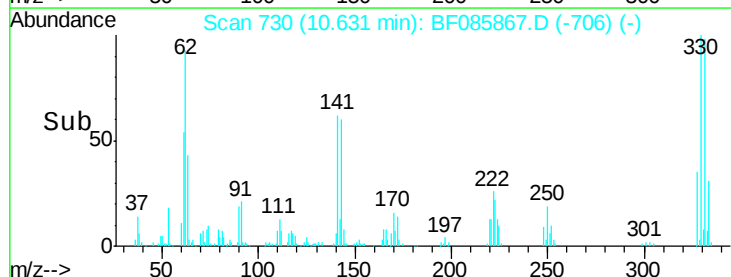
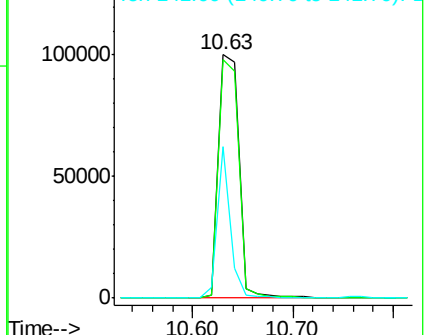
141 39.8 31.5 47.3

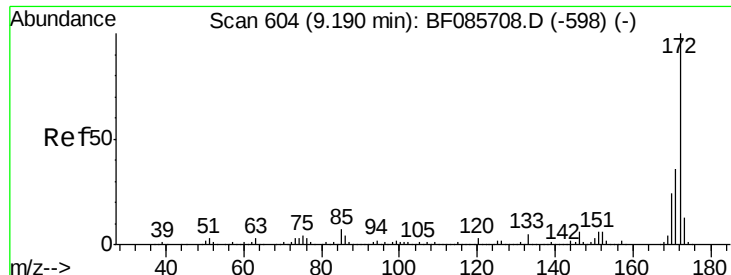


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

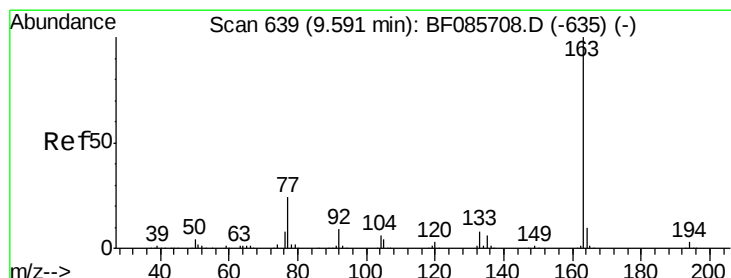
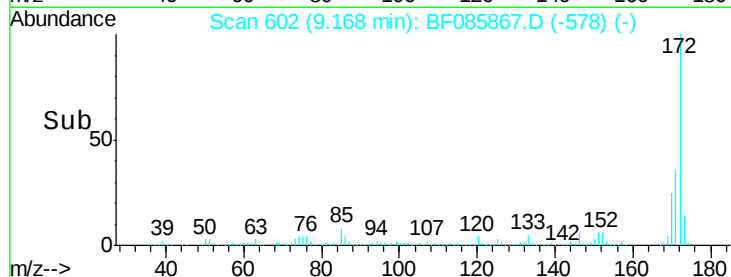
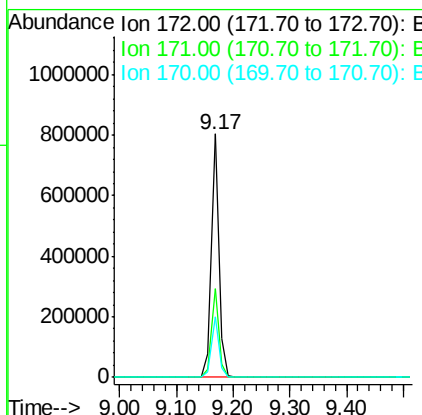
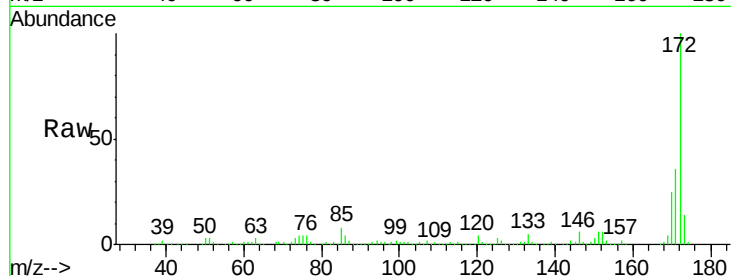




#44
 2-Fluorobiphenyl
 Concen: 69.63 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085867.D
 Acq: 29 Mar 2016 23:50

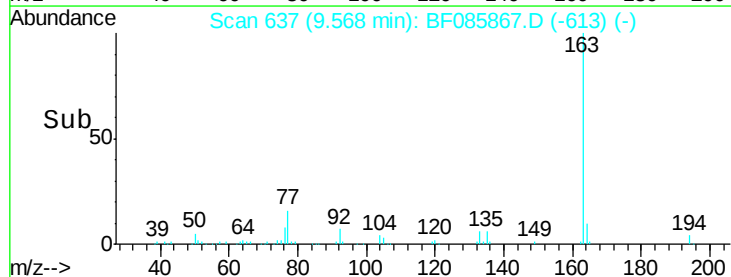
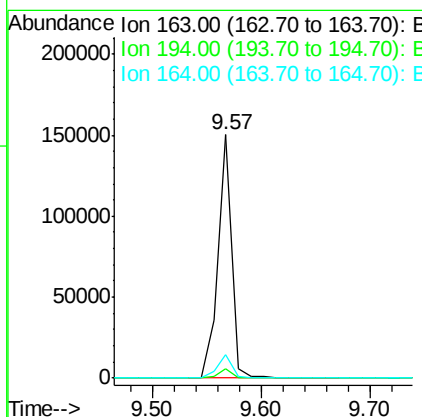
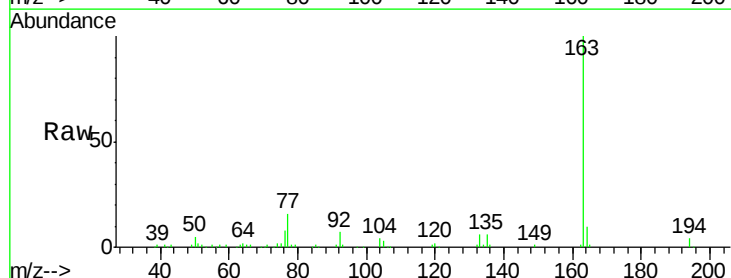
Instrument :
 BNA_F
 ClientSampled :
 TP-10

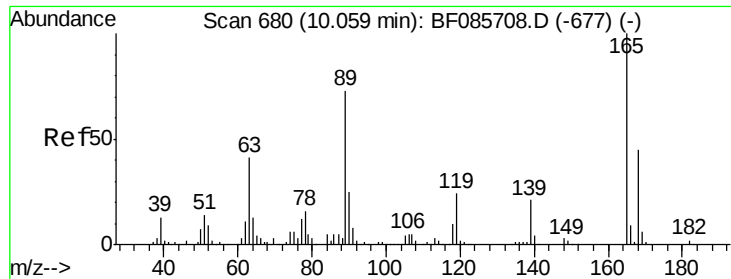
Tgt Ion:172 Resp: 707228
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.9 19.8 29.6



#49
 Dimethylphthalate
 Concen: 10.38 ng
 RT: 9.57 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF085867.D
 Acq: 29 Mar 2016 23:50

Tgt Ion:163 Resp: 133665
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.9 4.3
 164 9.7 8.3 12.5

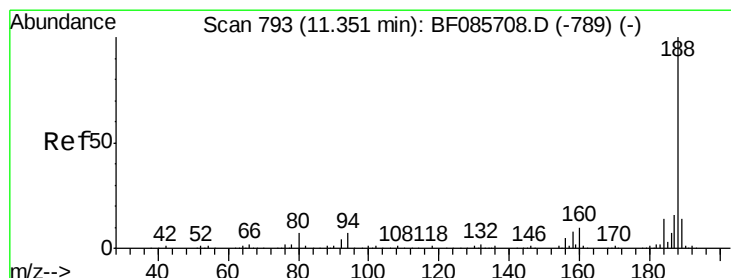
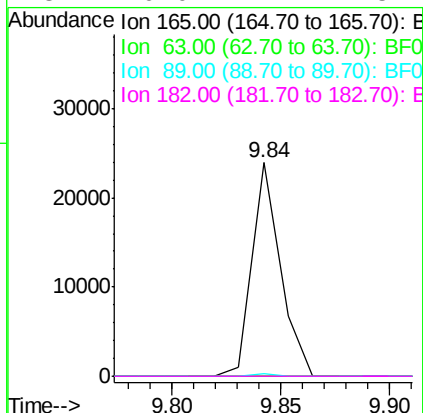
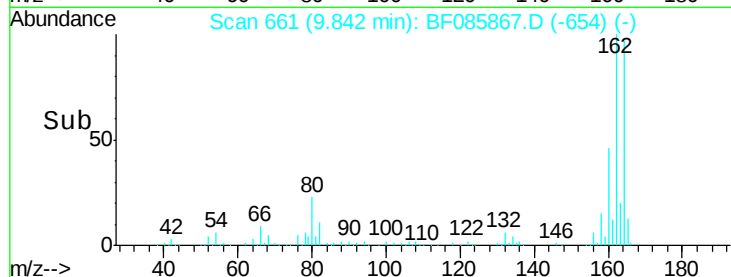
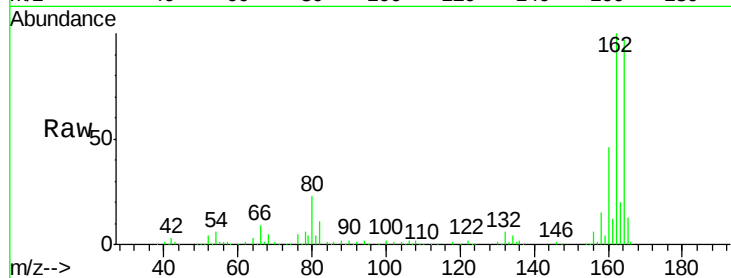




#56
 2,4-Dinitrotoluene
 Concen: 6.17 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.22 min
 Lab File: BF085867.D
 Acq: 29 Mar 2016 23:50

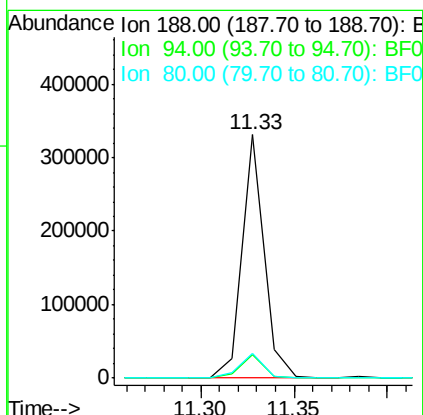
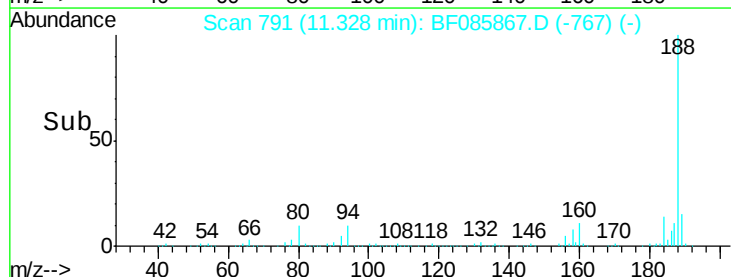
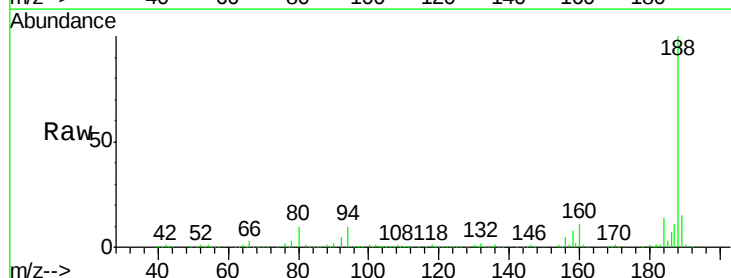
Instrument :
 BNA_F
 ClientSampleId :
 TP-10

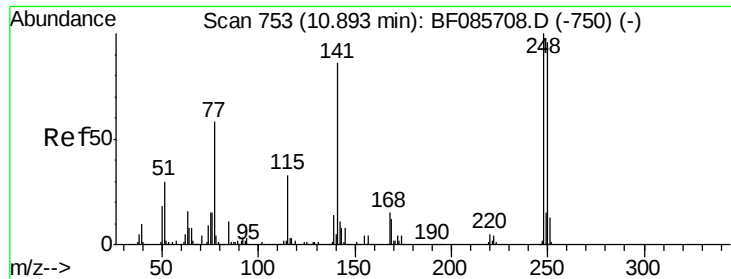
Tgt Ion:	165	Resp:	21731
Ion Ratio	Lower	Upper	
165	100		
63	0.0	24.9	37.3#
89	1.5	41.0	61.6#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF085867.D
 Acq: 29 Mar 2016 23:50

Tgt Ion:	188	Resp:	275140
Ion Ratio	Lower	Upper	
188	100		
94	9.7	5.4	8.0#
80	10.2	5.5	8.3#





#66

4-Bromophenyl-phenylether

Concen: 3.34 ng

RT: 10.63 min Scan# 730

Delta R.T. -0.26 min

Lab File: BF085867.D

Acq: 29 Mar 2016 23:50

Instrument :

BNA_F

ClientSampleId :

TP-10

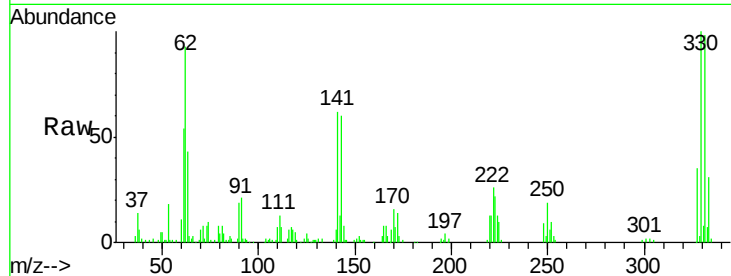
Tgt Ion:248 Resp: 9408

Ion Ratio Lower Upper

248 100

250 199.5 77.4 116.0#

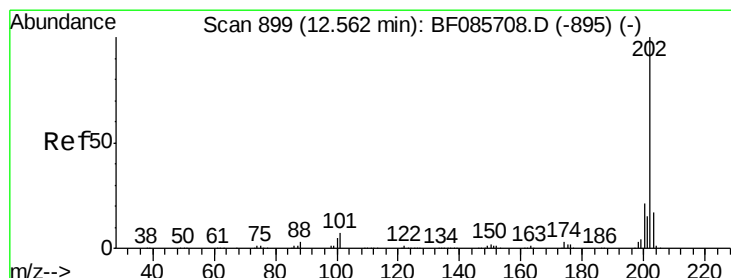
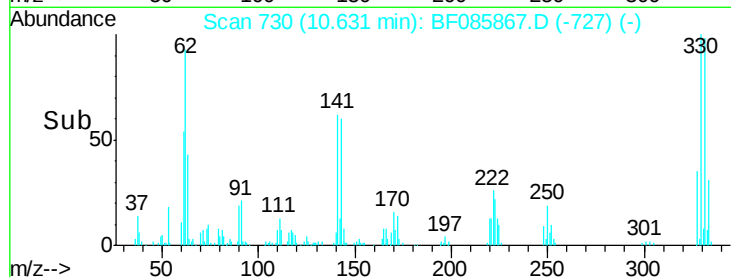
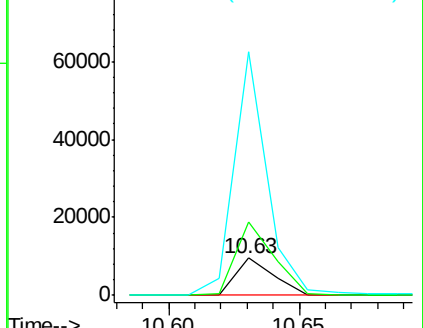
141 659.6 63.6 95.4#



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



#74

Fluoranthene

Concen: 2.40 ng

RT: 12.54 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF085867.D

Acq: 29 Mar 2016 23:50

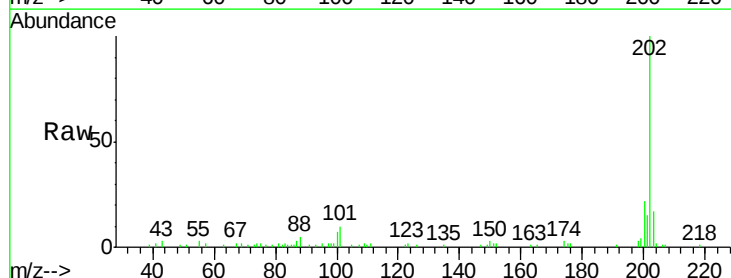
Tgt Ion:202 Resp: 36094

Ion Ratio Lower Upper

202 100

101 10.1 0.0 36.6

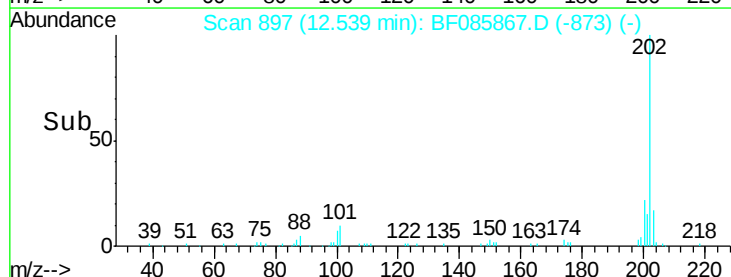
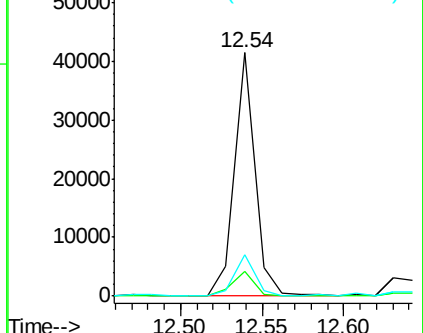
203 17.1 0.0 38.1

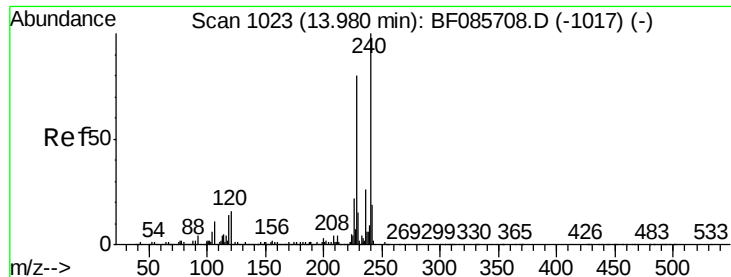


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085867.D

Acq: 29 Mar 2016 23:50

Instrument :

BNA_F

ClientSampled :

TP-10

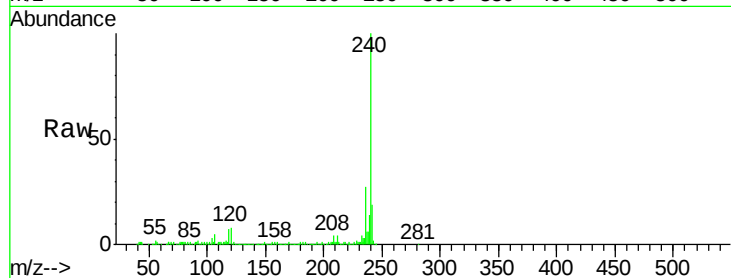
Tgt Ion:240 Resp: 227648

Ion Ratio Lower Upper

240 100

120 8.4 13.8 20.8#

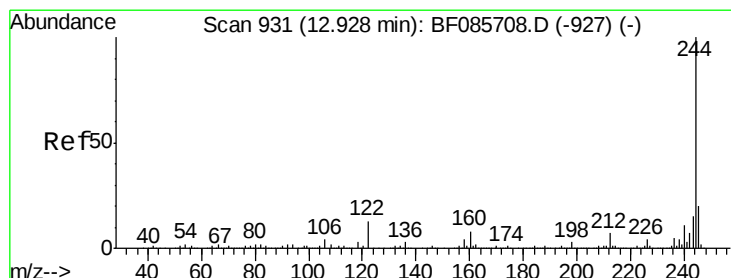
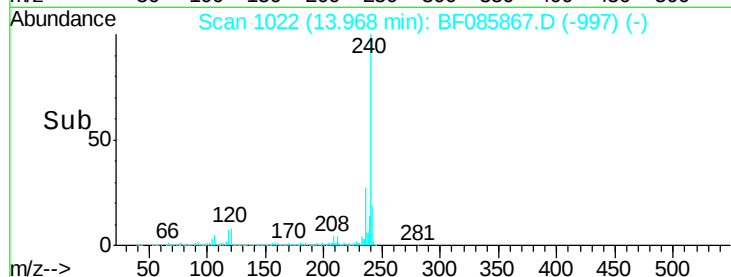
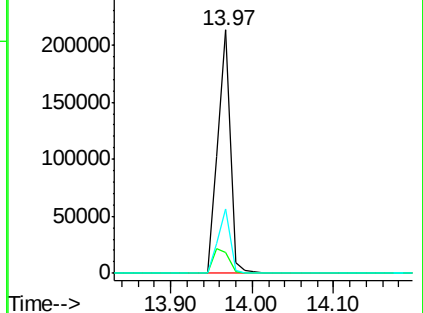
236 26.6 20.6 30.8



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: 35.42 ng

RT: 12.92 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF085867.D

Acq: 29 Mar 2016 23:50

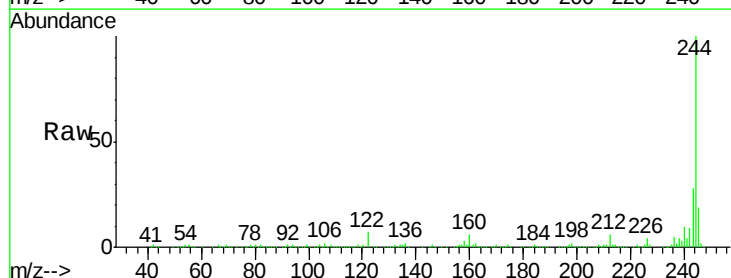
Tgt Ion:244 Resp: 392049

Ion Ratio Lower Upper

244 100

212 6.5 6.1 9.1

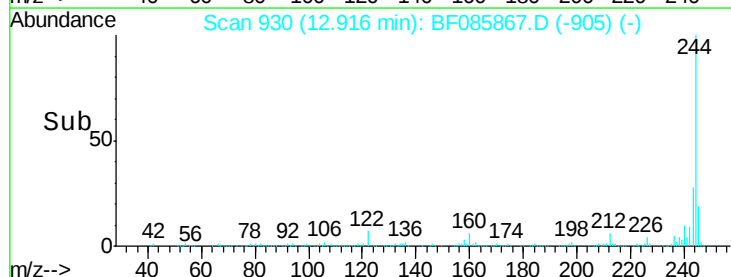
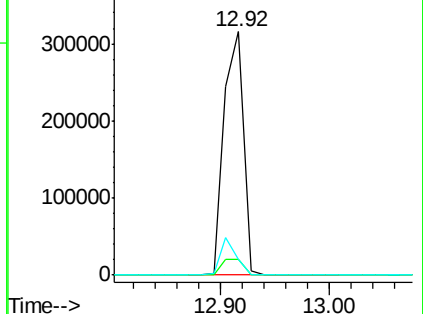
122 6.7 10.2 15.4#

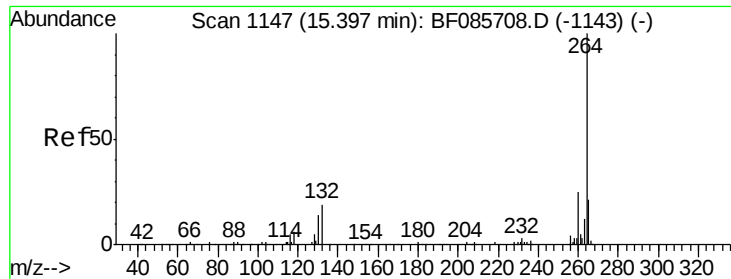


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

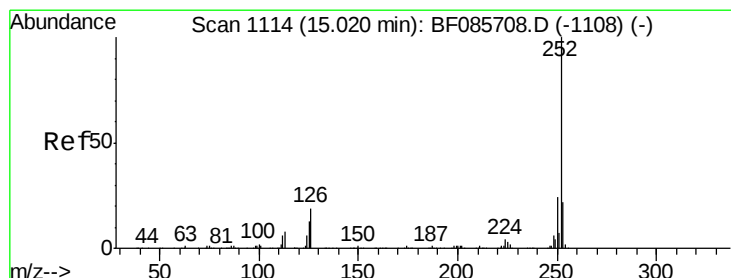
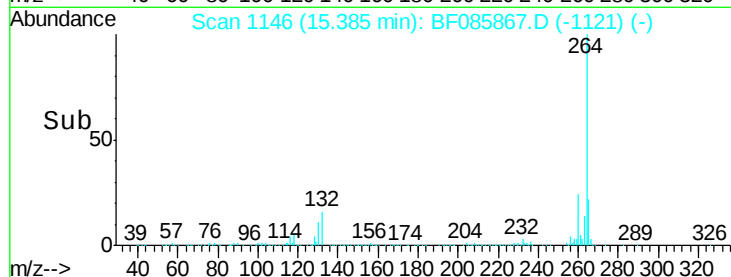
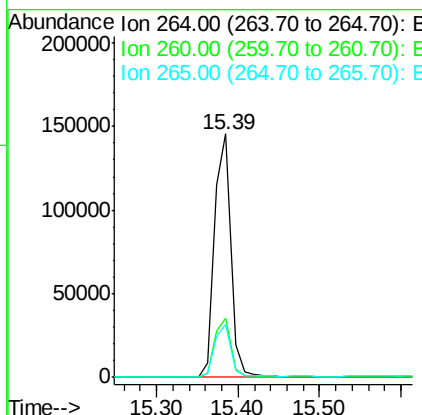
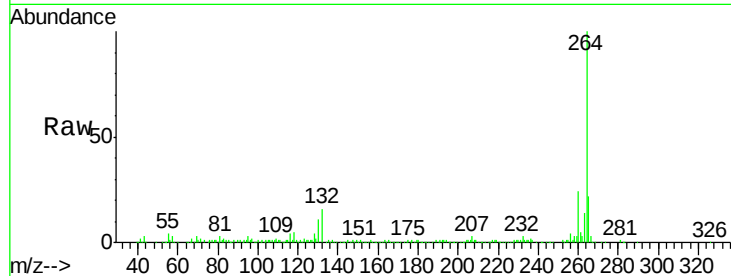




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

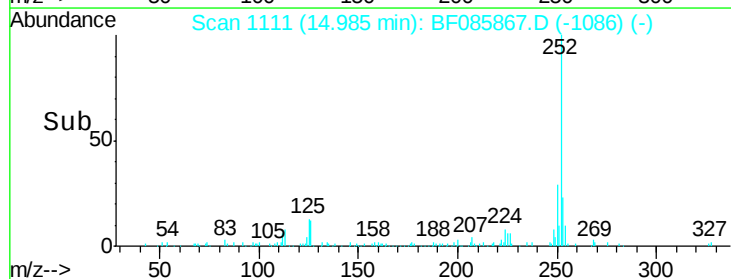
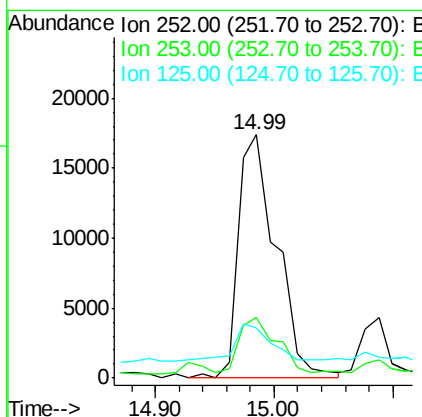
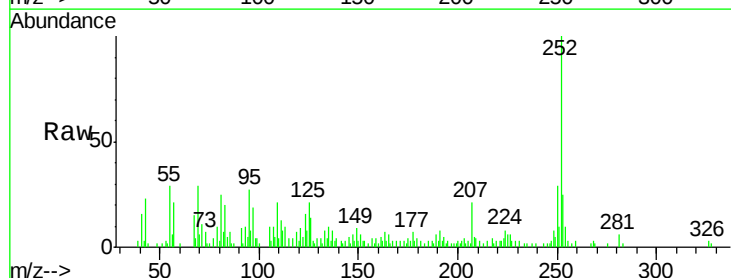
Instrument :
BNA_F
ClientSampleId :
TP-10

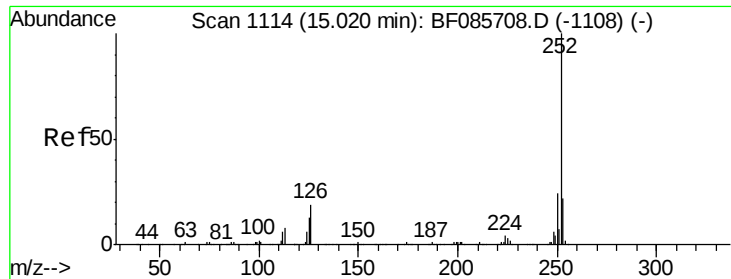
Tgt Ion:264 Resp: 204168
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 21.6 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 3.02 ng
RT: 14.99 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

Tgt Ion:252 Resp: 38869
Ion Ratio Lower Upper
252 100
253 24.9 17.6 26.4
125 20.6 10.3 15.5#





#88

Benzo(k)fluoranthene

Concen: 3.35 ng

RT: 14.99 min Scan# 1111

Delta R.T. -0.03 min

Lab File: BF085867.D

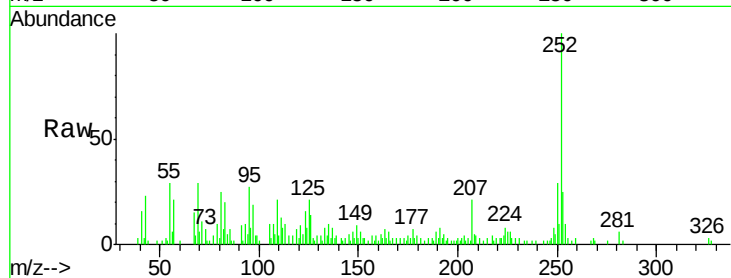
Acq: 29 Mar 2016 23:50

Instrument :

BNA_F

ClientSampleId :

TP-10



Tgt Ion:	252	Resp:	38869
Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.6
125	20.6	7.7	11.5#

