

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF086029.D
 Acq On : 2 Apr 2016 23:30
 Operator : UM/SJ
 Sample : H1970-13
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Quant Time: Apr 04 01:10:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

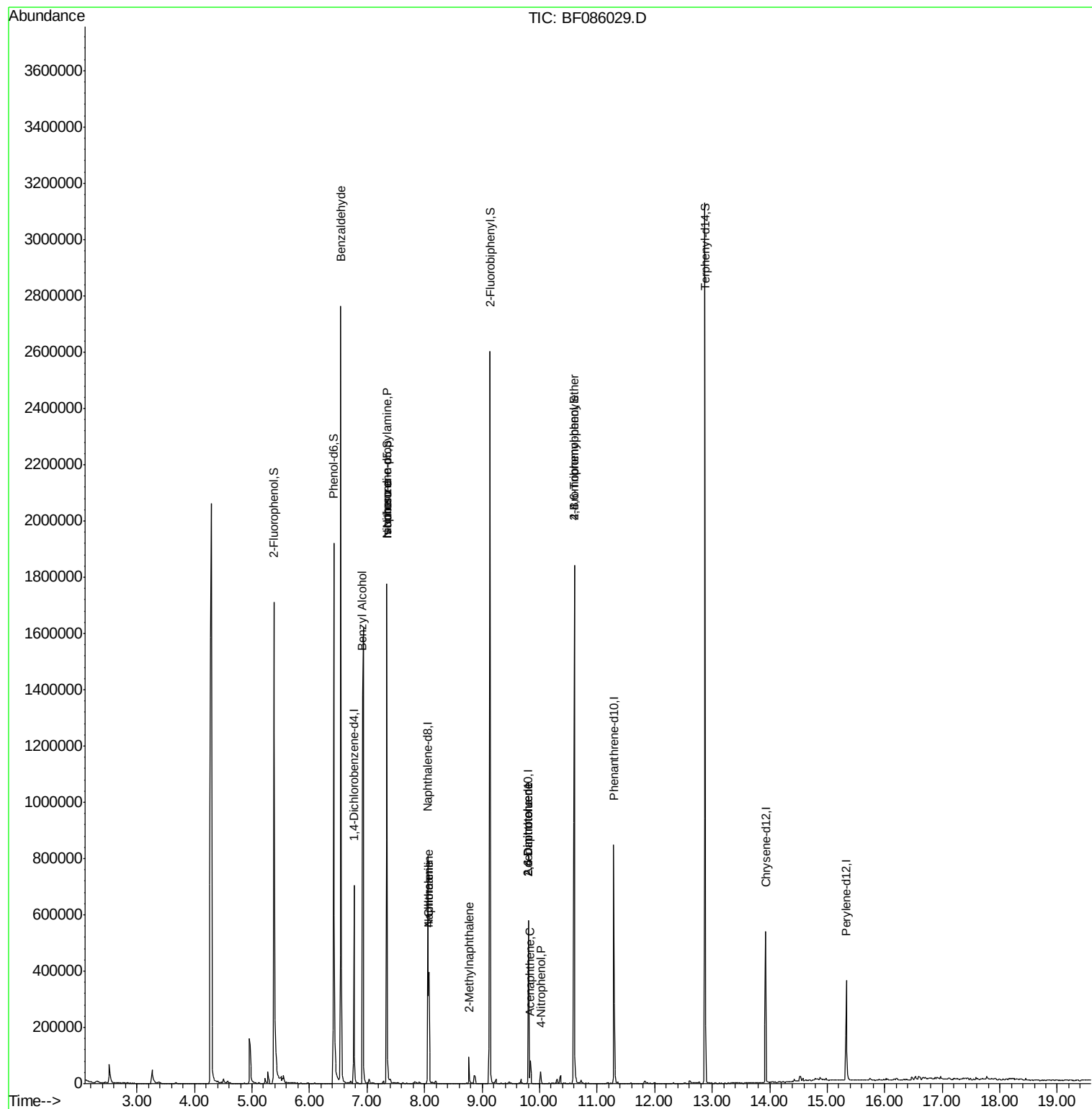
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	103964	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	392033	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	166917	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	320603	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	202859	20.00	ng	0.00
86) Perylene-d12	15.33	264	154054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	762358	125.34	ng	0.01
7) Phenol-d6	6.42	99	815579	105.57	ng	0.00
23) Nitrobenzene-d5	7.34	82	697192	104.88	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	277542	177.15	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1149470	114.50	ng	0.00
78) Terphenyl-d14	12.88	244	974940	112.97	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	17029	4.10	ng	Qvalue 83
15) Benzyl Alcohol	6.92	79	10173	2.04	ng	# 50
19) n-Nitroso-di-n-propylamine	7.34	70	90384	18.87	ng	# 74
25) Isophorone	7.34	82	696362	53.07	ng	# 68
31) Naphthalene	8.08	128	185319	9.40	ng	98
33) 4-Chloroaniline	8.08	127	23999	3.01	ng	# 35
37) 2-Methylnaphthalene	8.77	142	26843	2.08	ng	97
50) 2,6-Dinitrotoluene	9.80	165	20808	7.95	ng	# 18
51) Acenaphthene	9.84	154	21766	2.19	ng	98
55) 4-Nitrophenol	10.02	139	7398	3.98	ng	# 10
56) 2,4-Dinitrotoluene	9.80	165	20809	6.29	ng	# 36
66) 4-Bromophenyl-phenylether	10.60	248	18009	5.50	ng	# 1

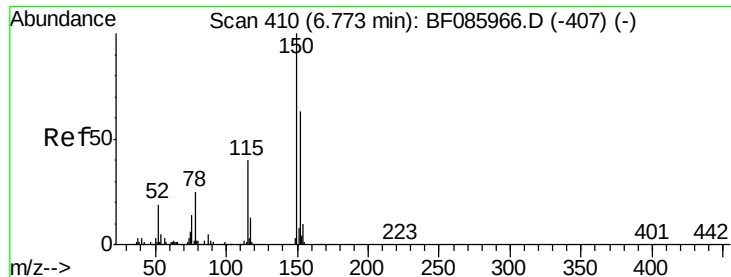
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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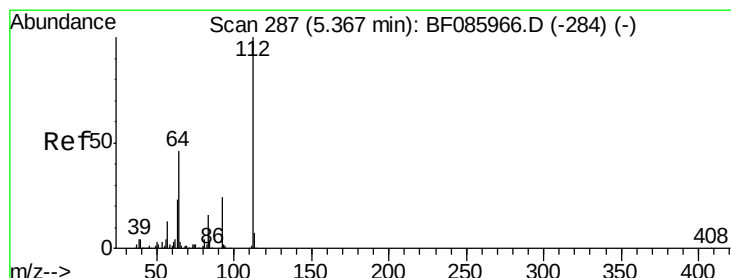
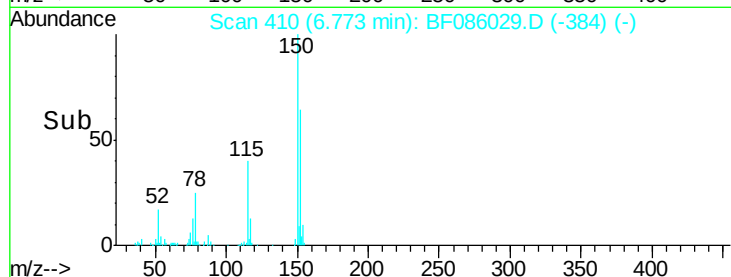
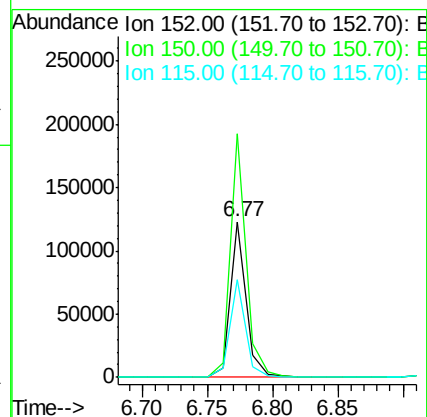
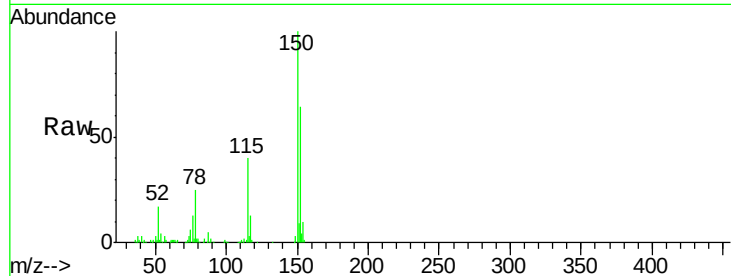


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF086029.D
Acq: 2 Apr 2016 23:30

Instrument :
BNA_F
ClientSampleId :
TP-10

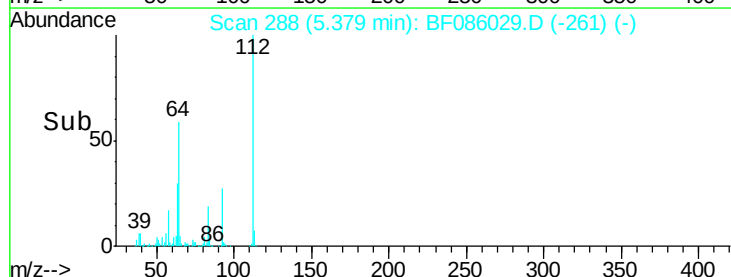
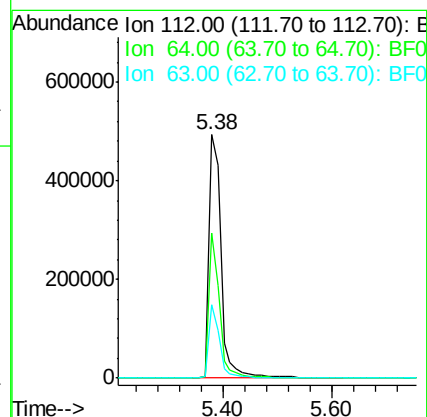
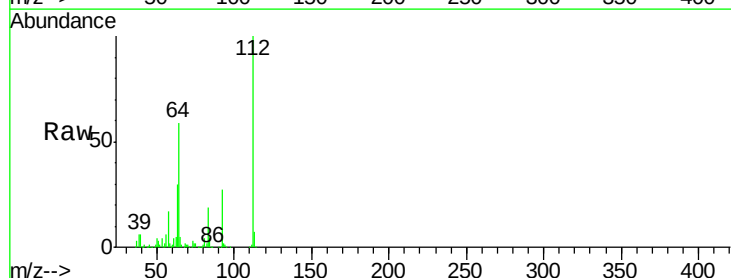
Tgt Ion:152 Resp: 103964
Ion Ratio Lower Upper
152 100
150 156.8 124.2 186.2
115 63.1 47.0 70.6

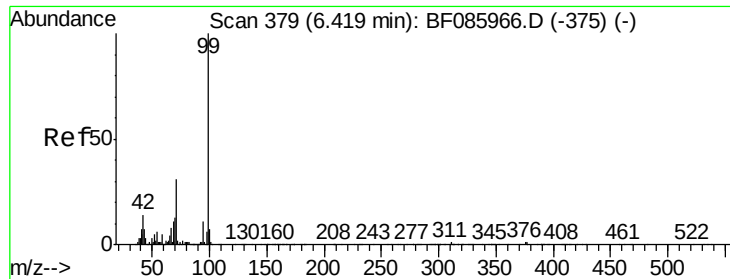


#5

2-Fluorophenol
Concen: 125.34 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF086029.D
Acq: 2 Apr 2016 23:30

Tgt Ion:112 Resp: 762358
Ion Ratio Lower Upper
112 100
64 59.4 39.9 59.9
63 29.9 20.2 30.2





#7

Phenol-d6

Concen: 105.57 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086029.D

Acq: 2 Apr 2016 23:30

Instrument :

BNA_F

ClientSampleId :

TP-10

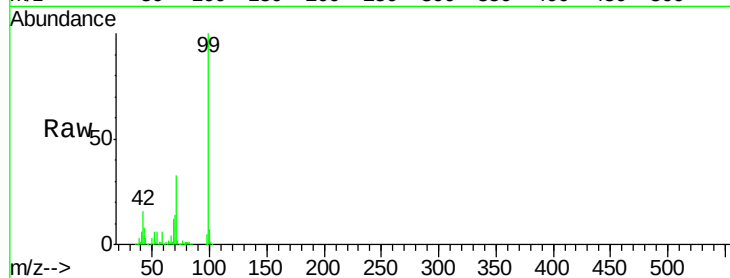
Tgt Ion: 99 Resp: 815579

Ion Ratio Lower Upper

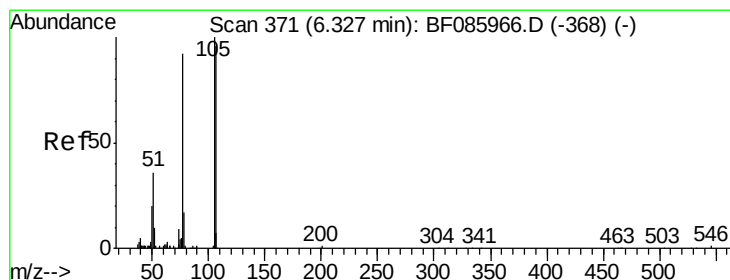
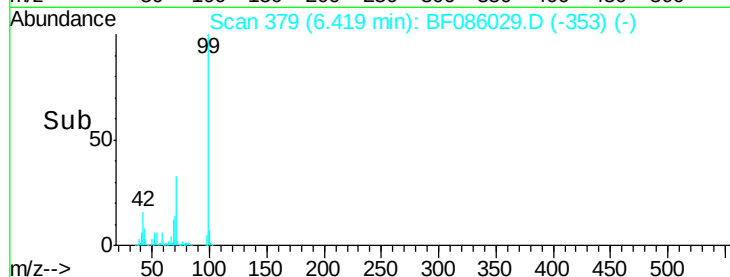
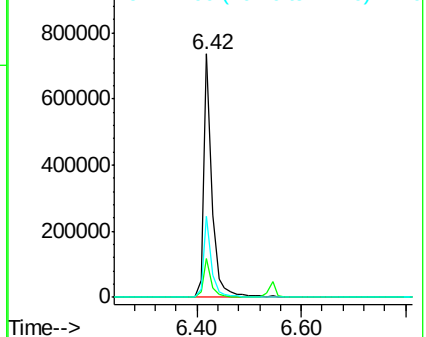
99 100

42 15.7 11.1 16.7

71 33.2 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: 4.10 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF086029.D

Acq: 2 Apr 2016 23:30

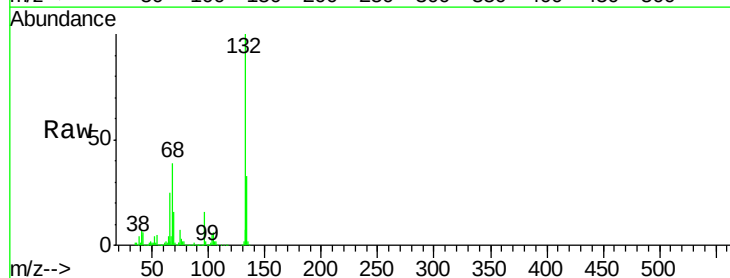
Tgt Ion: 77 Resp: 17029

Ion Ratio Lower Upper

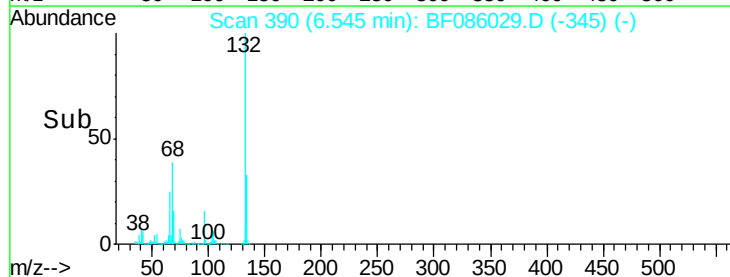
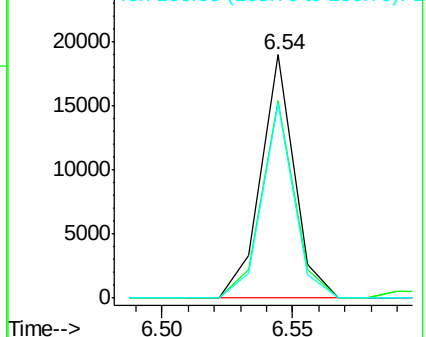
77 100

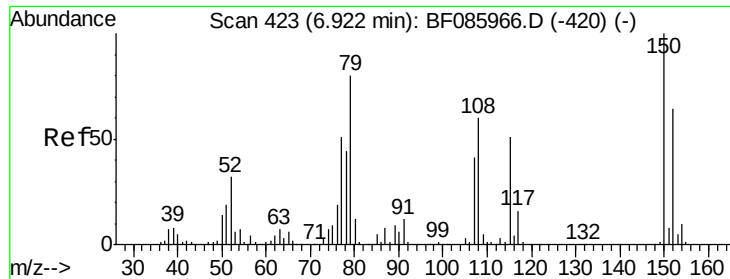
105 81.3 80.1 120.1

106 79.8 75.0 115.0



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

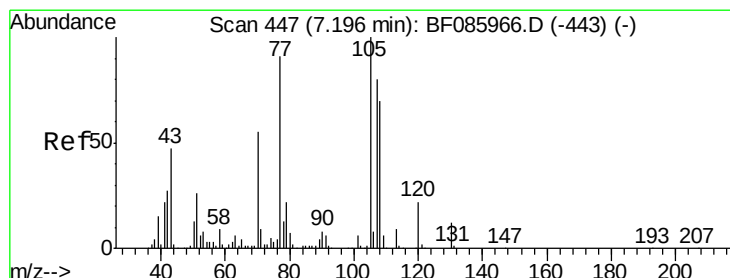
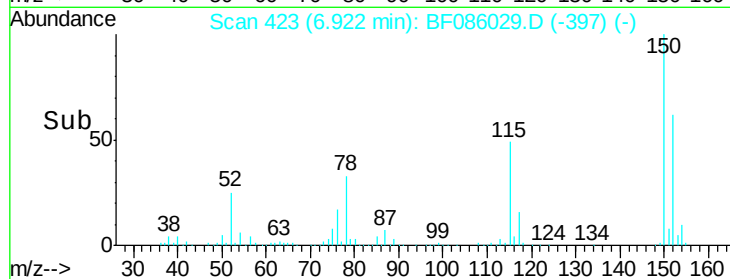
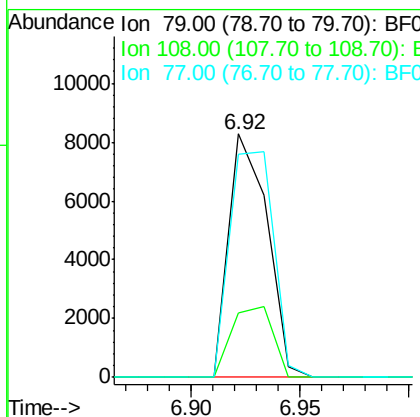
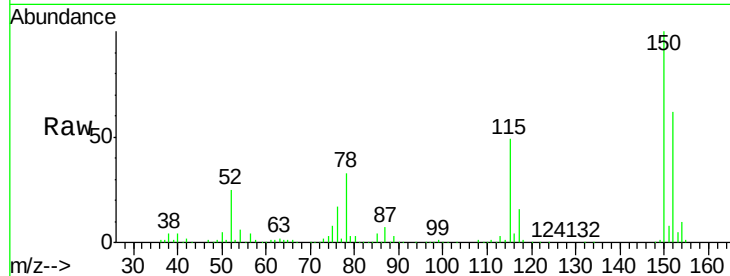




#15
Benzyl Alcohol
Concen: 2.04 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086029.D
Acq: 2 Apr 2016 23:30

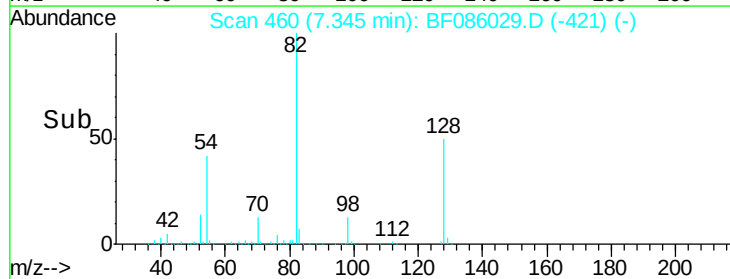
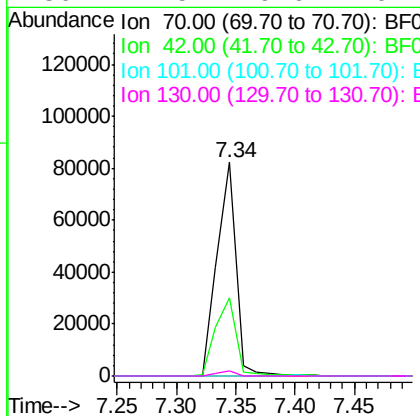
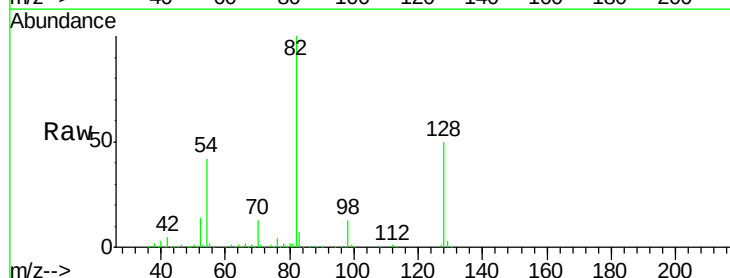
Instrument :
BNA_F
ClientSampleId :
TP-10

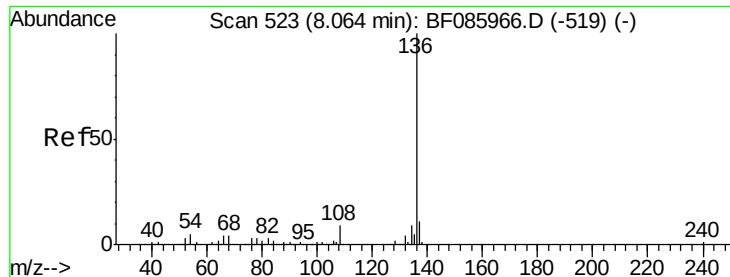
Tgt Ion: 79 Resp: 10173
Ion Ratio Lower Upper
79 100
108 26.2 61.8 92.6#
77 91.6 49.6 74.4#



#19
n-Nitroso-di-n-propylamine
Concen: 18.87 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.15 min
Lab File: BF086029.D
Acq: 2 Apr 2016 23:30

Tgt Ion: 70 Resp: 90384
Ion Ratio Lower Upper
70 100
42 36.4 37.1 55.7#
101 0.0 8.6 12.8#
130 2.5 19.6 29.4#

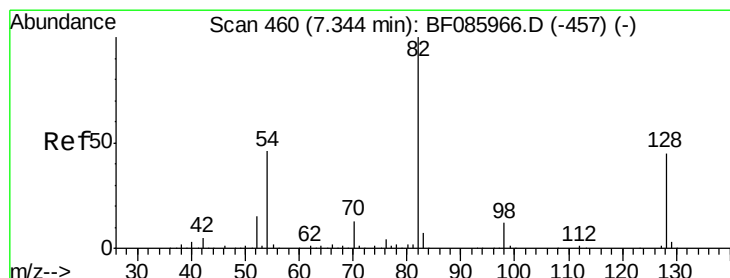
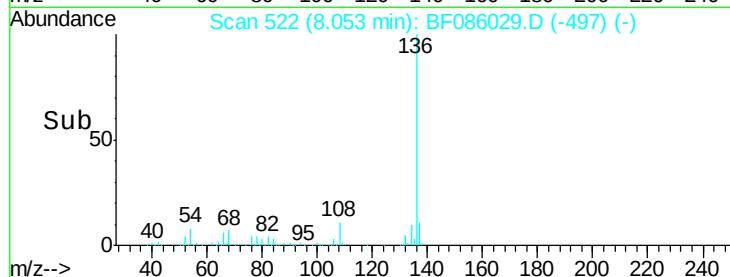
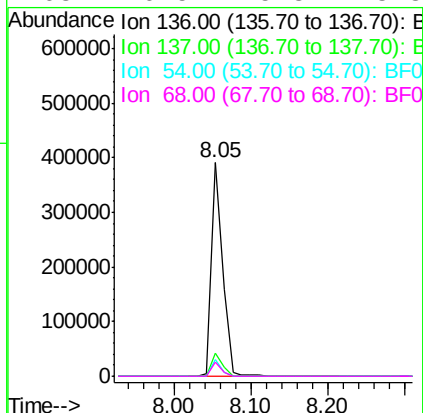
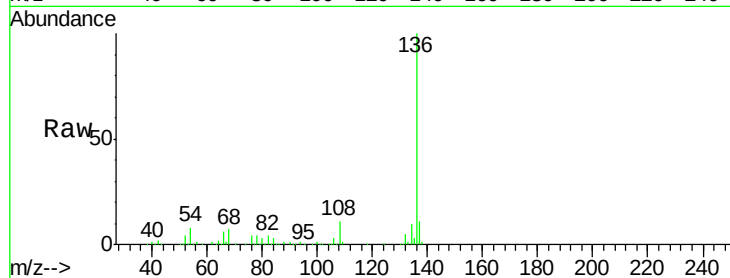




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086029.D
Acq: 2 Apr 2016 23:30

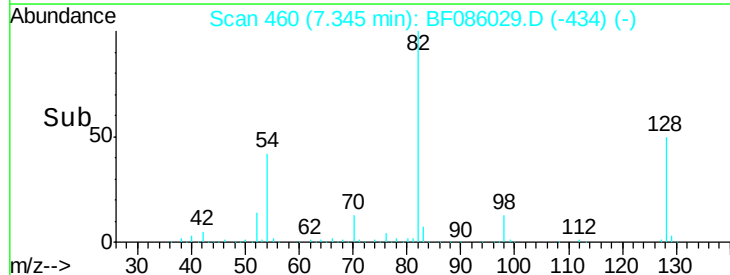
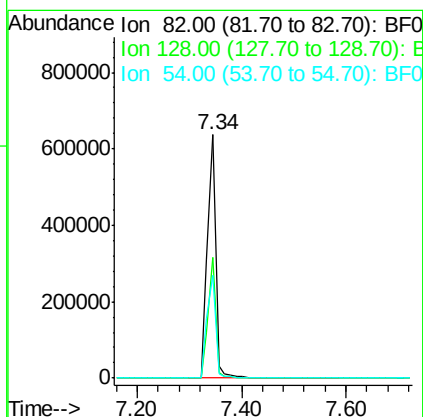
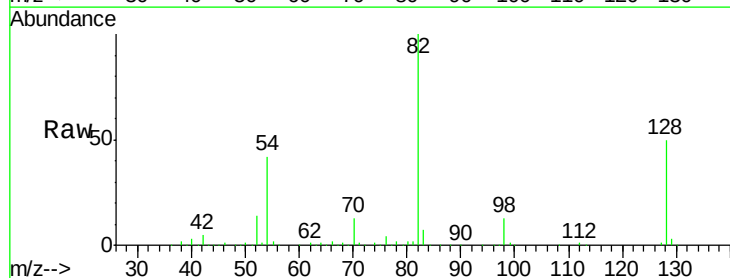
Instrument :
BNA_F
ClientSampleId :
TP-10

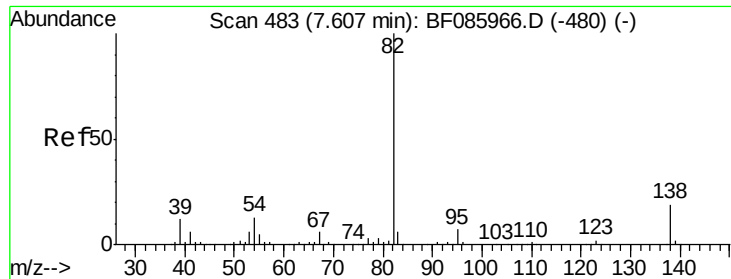
Tgt Ion:	136	Resp:	392033
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.1	7.4	11.0
68	6.5	5.8	8.8



#23
Nitrobenzene-d5
Concen: 104.88 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF086029.D
Acq: 2 Apr 2016 23:30

Tgt Ion:	82	Resp:	697192
Ion	Ratio	Lower	Upper
82	100		
128	49.6	41.8	62.8
54	42.3	33.4	50.0





#25

Isophorone

Concen: 53.07 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF086029.D

Acq: 2 Apr 2016 23:30

Instrument :

BNA_F

ClientSampleId :

TP-10

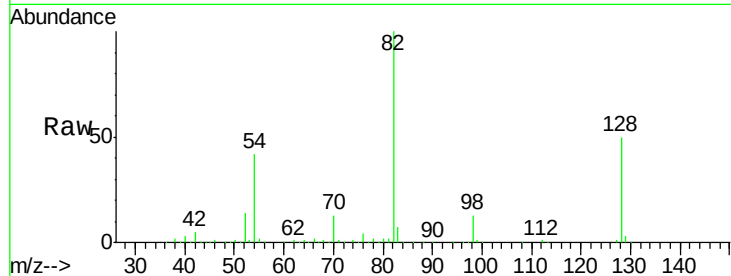
Tgt Ion: 82 Resp: 696362

Ion Ratio Lower Upper

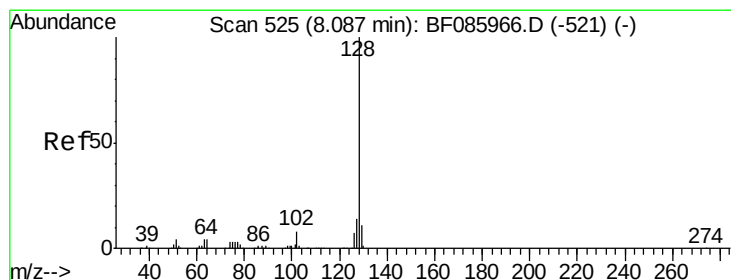
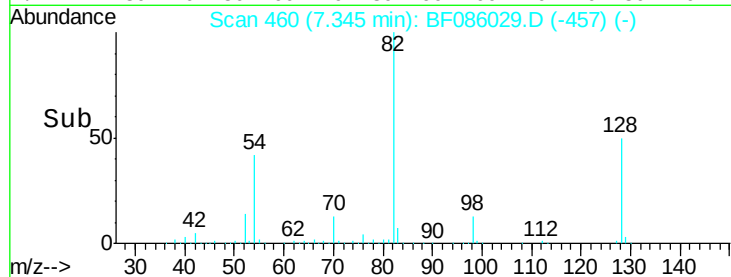
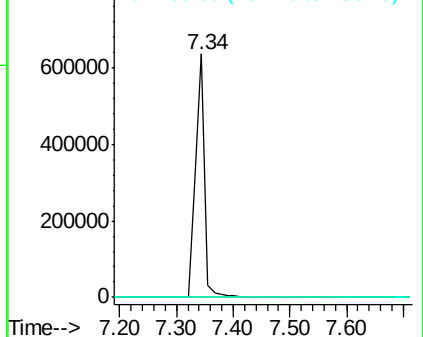
82 100

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): E



#31

Naphthalene

Concen: 9.40 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF086029.D

Acq: 2 Apr 2016 23:30

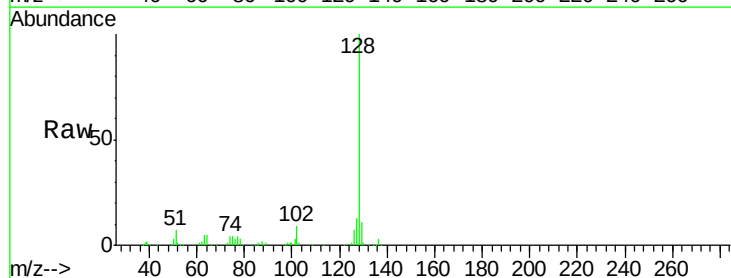
Tgt Ion: 128 Resp: 185319

Ion Ratio Lower Upper

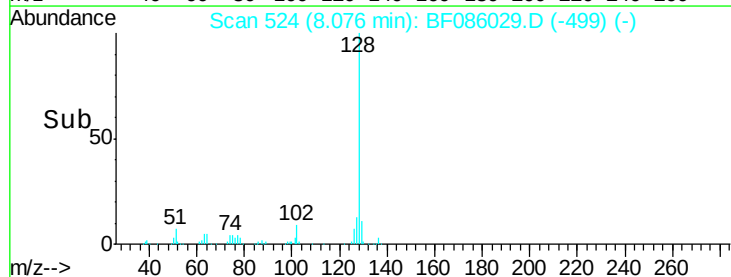
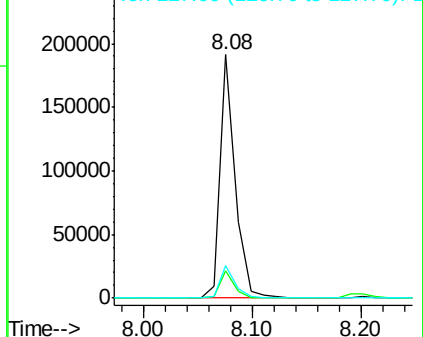
128 100

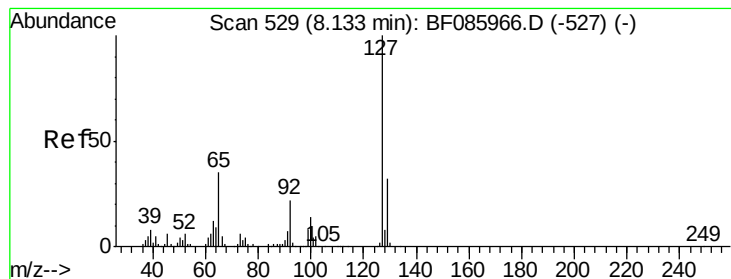
129 11.0 9.4 14.0

127 13.2 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#33

4-Chloroaniline

Concen: 3.01 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.06 min

Lab File: BF086029.D

Acq: 2 Apr 2016 23:30

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:127 Resp: 23999

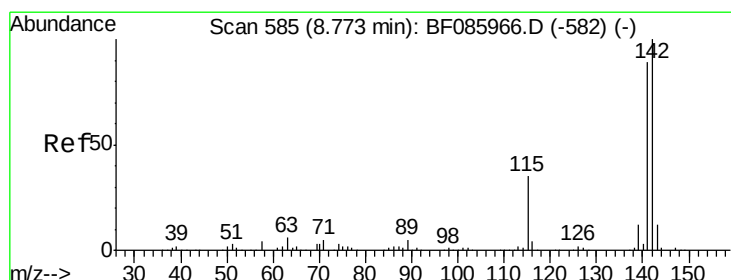
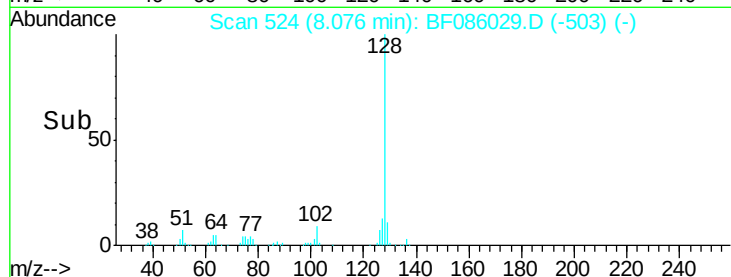
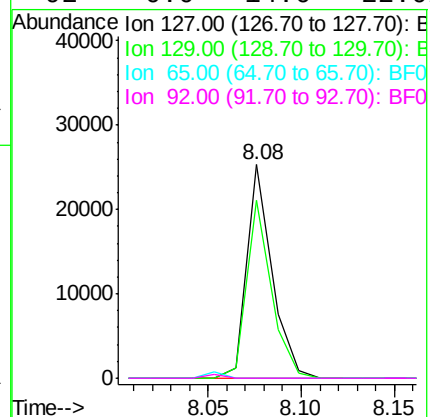
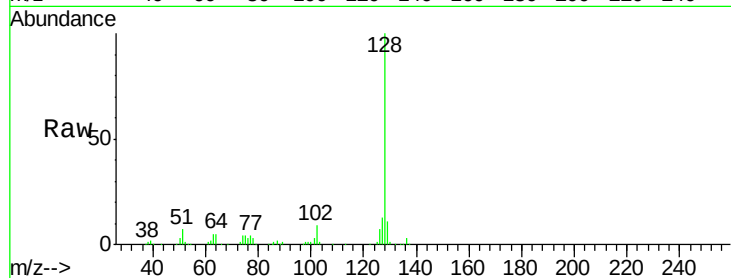
Ion Ratio Lower Upper

127 100

129 83.1 26.1 39.1#

65 0.0 19.5 29.3#

92 0.0 14.6 22.0#



#37

2-Methylnaphthalene

Concen: 2.08 ng

RT: 8.77 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF086029.D

Acq: 2 Apr 2016 23:30

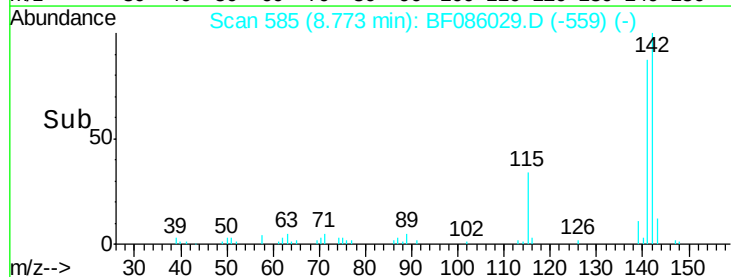
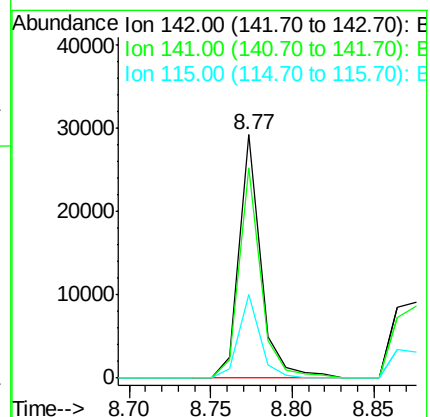
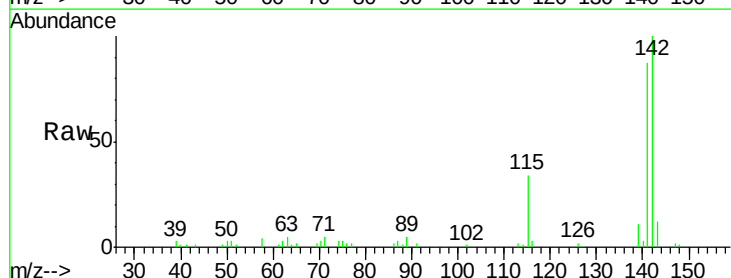
Tgt Ion:142 Resp: 26843

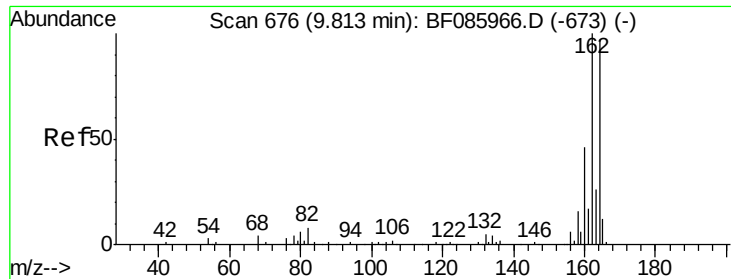
Ion Ratio Lower Upper

142 100

141 86.5 71.6 107.4

115 34.3 26.8 40.2

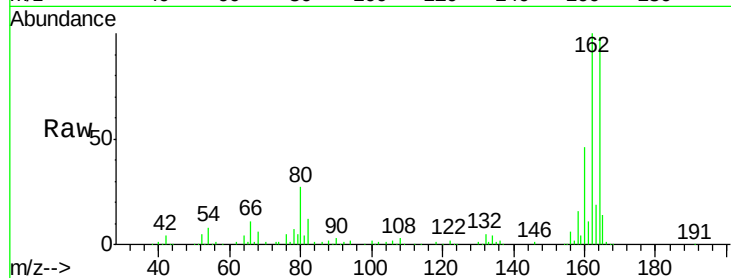




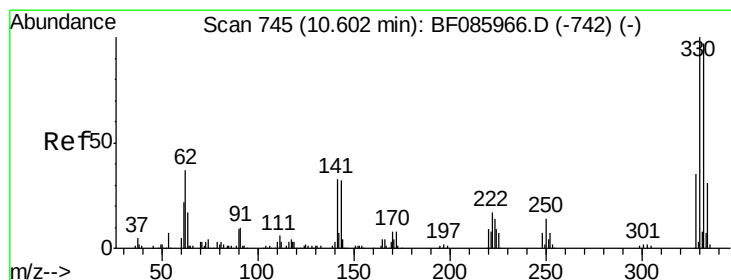
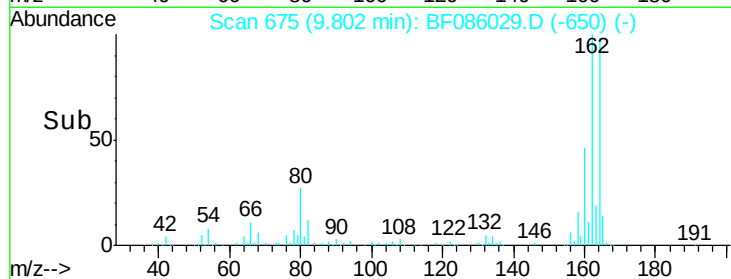
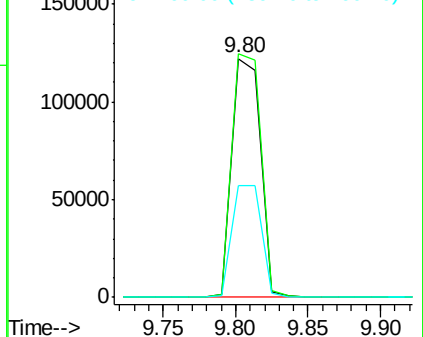
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086029.D
Acq: 2 Apr 2016 23:30

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion:164 Resp: 166917
Ion Ratio Lower Upper
164 100
162 101.8 82.1 123.1
160 46.8 37.4 56.2

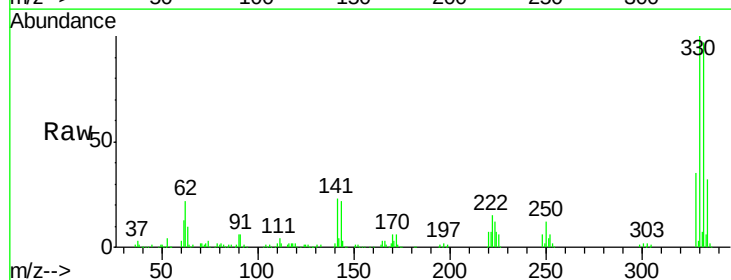


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

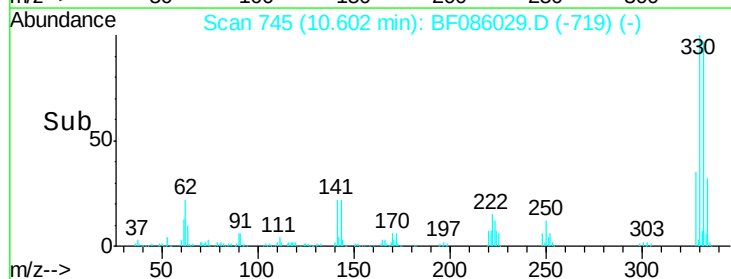
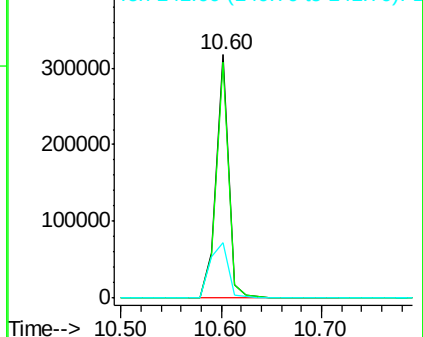


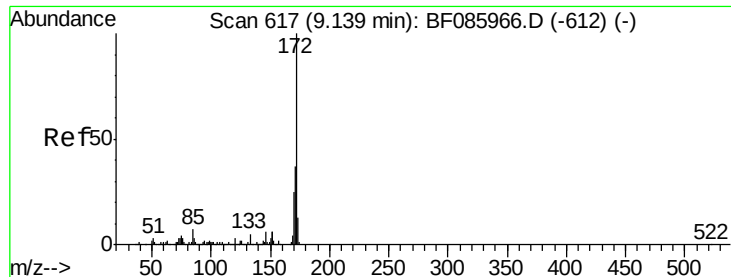
#41
2,4,6-Tribromophenol
Concen: 177.15 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF086029.D
Acq: 2 Apr 2016 23:30

Tgt Ion:330 Resp: 277542
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.2
141 33.3 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: 114.50 ng

RT: 9.14 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF086029.D

Acq: 2 Apr 2016 23:30

Instrument :

BNA_F

ClientSampleId :

TP-10

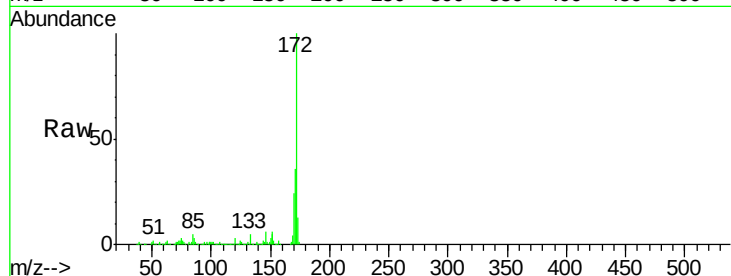
Tgt Ion:172 Resp: 1149470

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.2

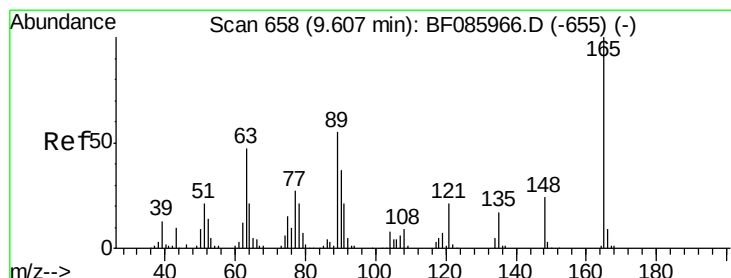
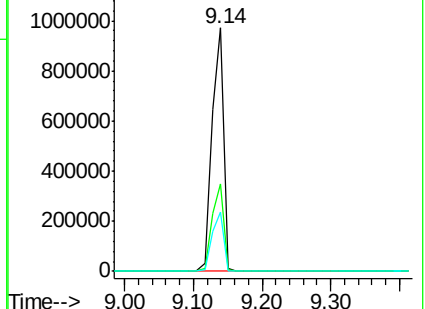
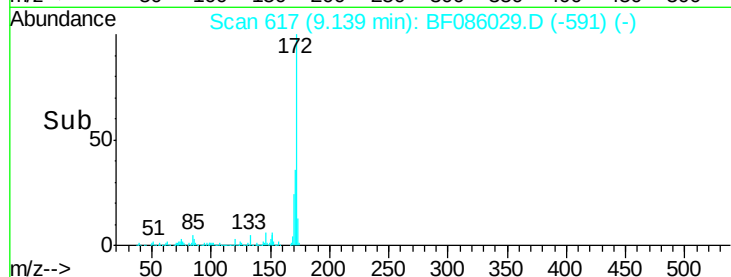
170 24.3 19.8 29.6



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: 7.95 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.19 min

Lab File: BF086029.D

Acq: 2 Apr 2016 23:30

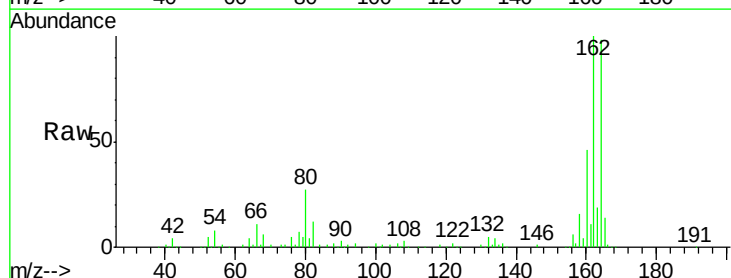
Tgt Ion:165 Resp: 20808

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.8#

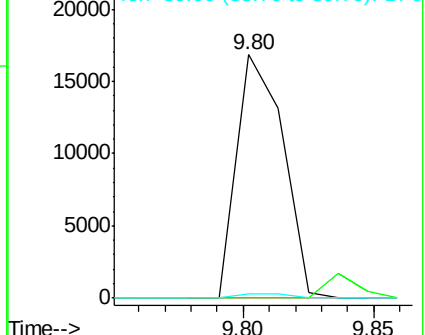
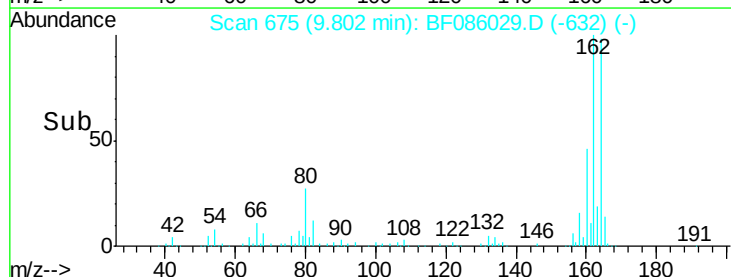
89 2.0 53.7 80.5#

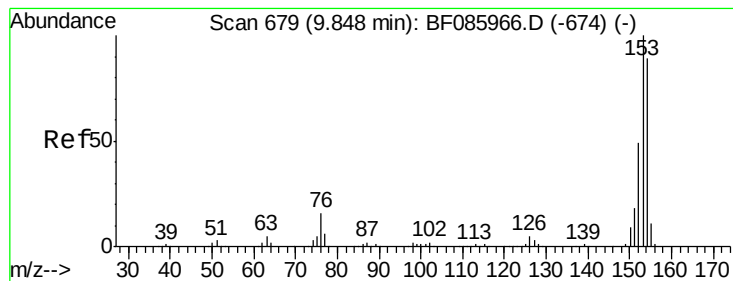


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 2.19 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086029.D

Acq: 2 Apr 2016 23:30

Instrument :

BNA_F

ClientSampleId :

TP-10

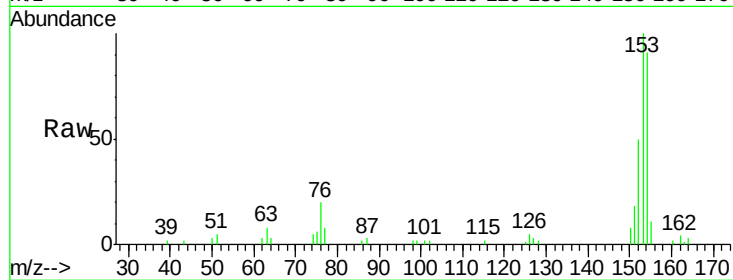
Tgt Ion:154 Resp: 21766

Ion Ratio Lower Upper

154 100

153 109.8 90.1 135.1

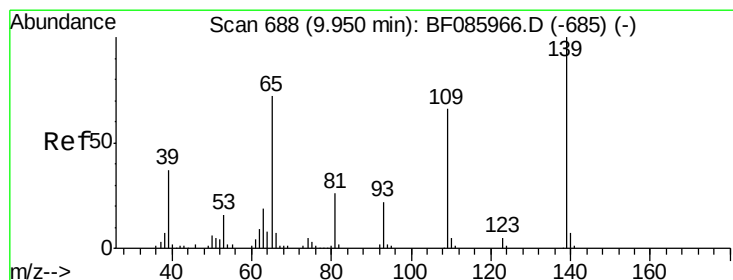
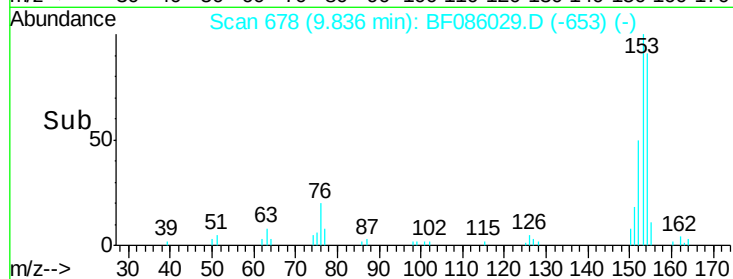
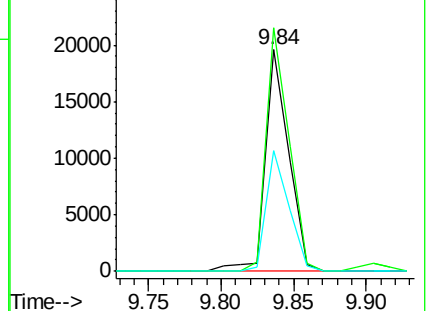
152 54.5 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

4-Nitrophenol

Concen: 3.98 ng

RT: 10.02 min Scan# 694

Delta R.T. 0.07 min

Lab File: BF086029.D

Acq: 2 Apr 2016 23:30

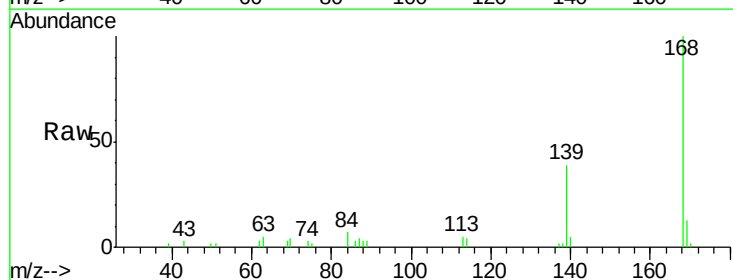
Tgt Ion:139 Resp: 7398

Ion Ratio Lower Upper

139 100

109 0.0 49.2 89.2#

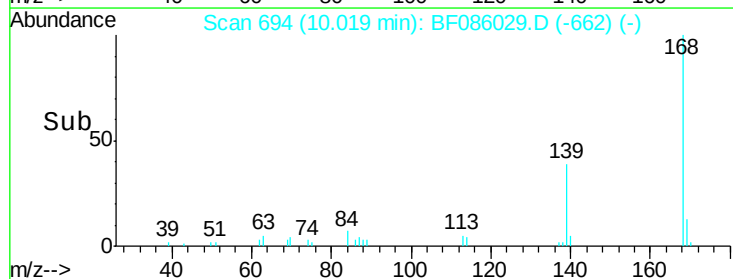
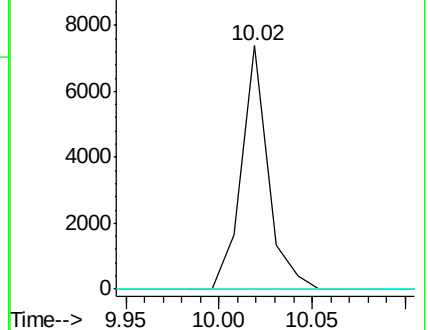
65 0.0 66.9 106.9#

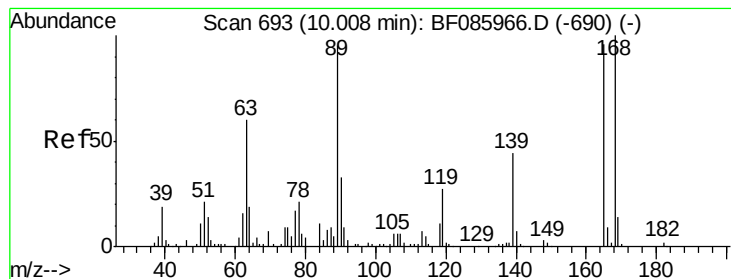


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.29 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF086029.D

Acq: 2 Apr 2016 23:30

Instrument :

BNA_F

ClientSampleId :

TP-10

Tgt Ion:165 Resp: 20809

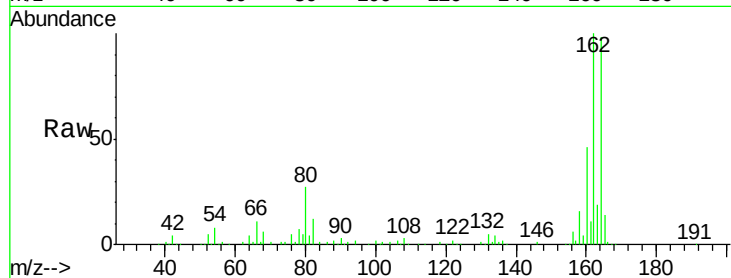
Ion Ratio Lower Upper

165 100

63 0.0 24.9 37.3#

89 2.0 41.0 61.6#

182 0.0 2.1 3.1#

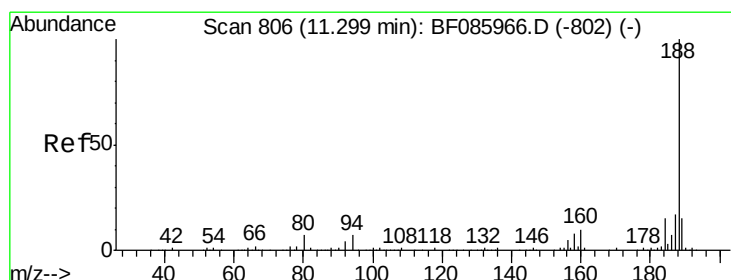
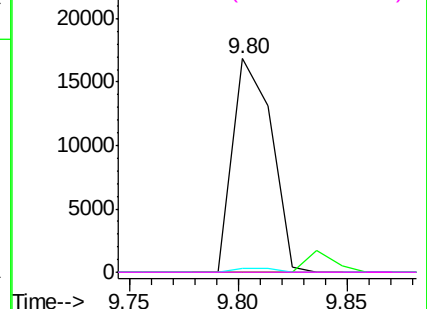
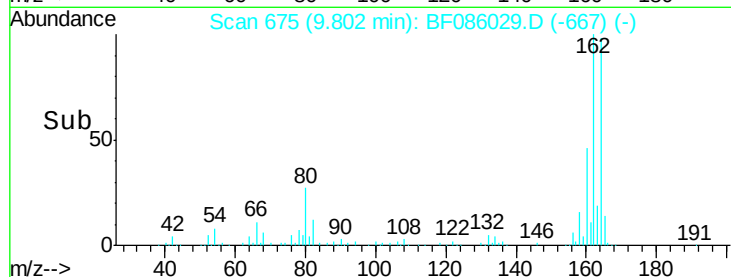


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF086029.D

Acq: 2 Apr 2016 23:30

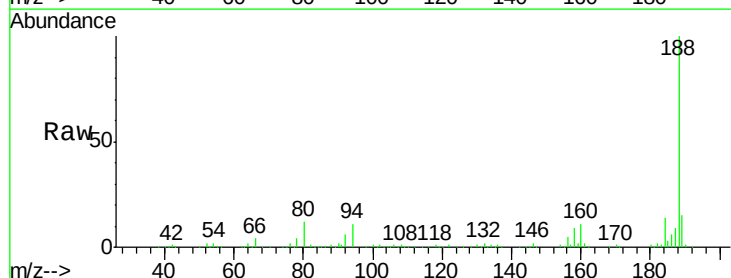
Tgt Ion:188 Resp: 320603

Ion Ratio Lower Upper

188 100

94 11.5 5.4 8.0#

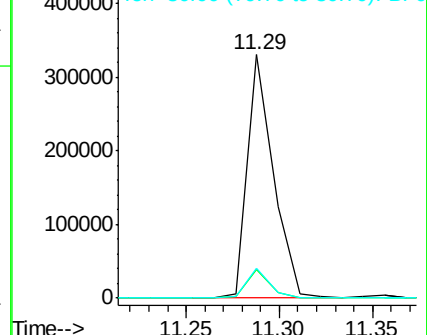
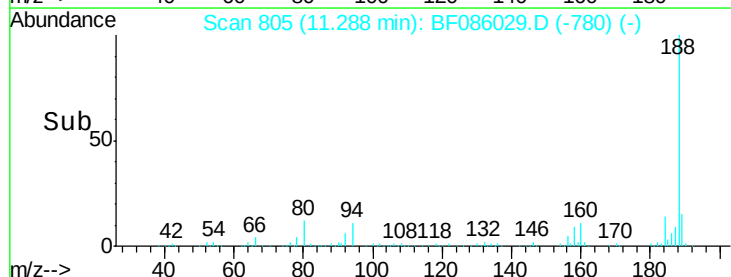
80 12.4 5.5 8.3#

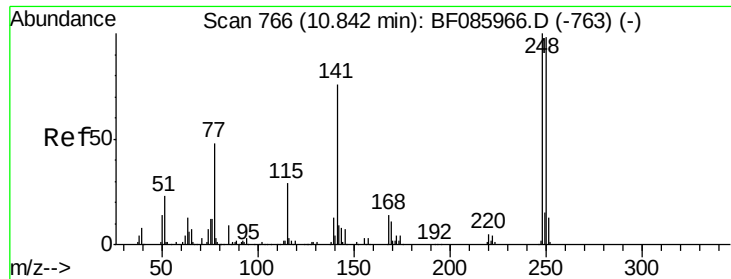


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

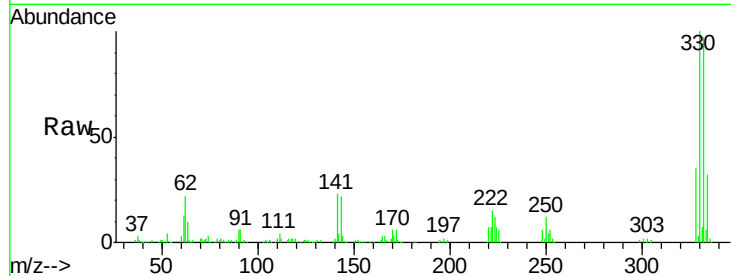




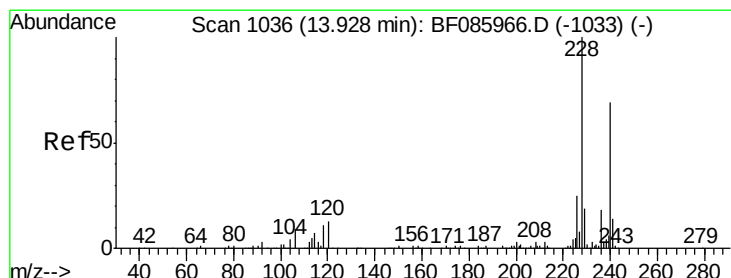
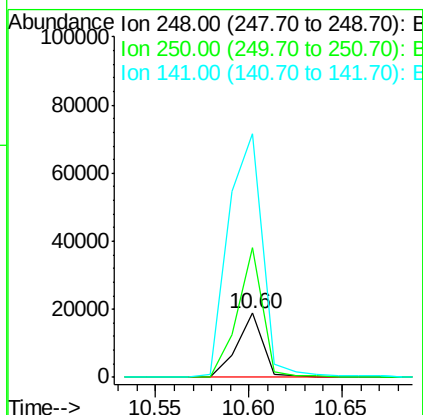
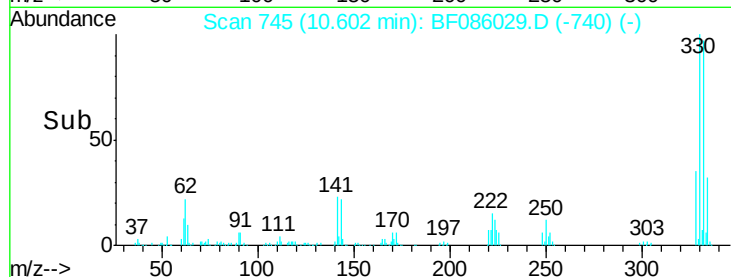
#66
 4-Bromophenyl-phenylether
 Concen: 5.50 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.24 min
 Lab File: BF086029.D
 Acq: 2 Apr 2016 23:30

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Tgt Ion:248 Resp: 18009
 Ion Ratio Lower Upper
 248 100
 250 202.7 77.4 116.0#
 141 381.7 63.6 95.4#

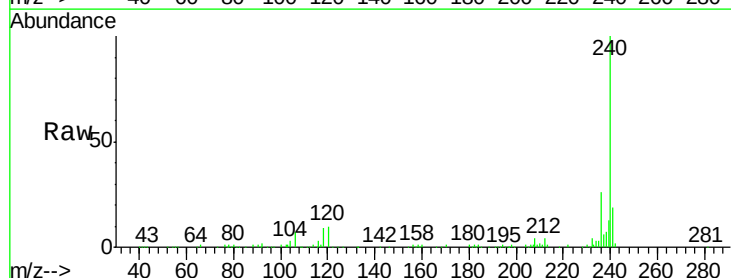


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

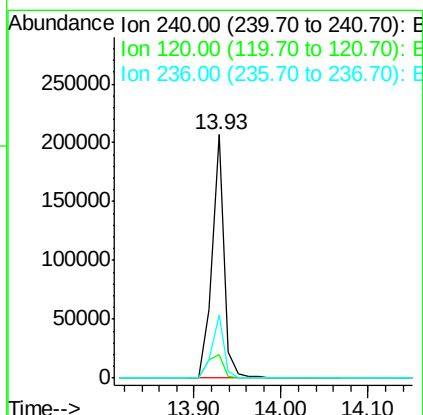
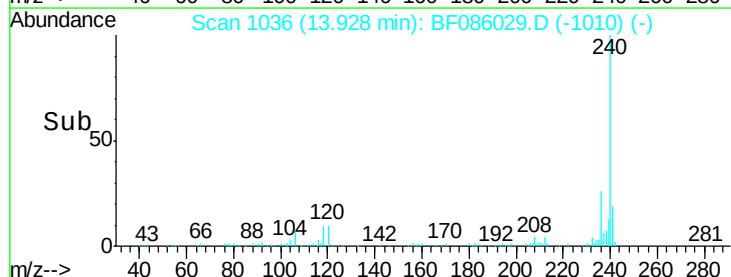


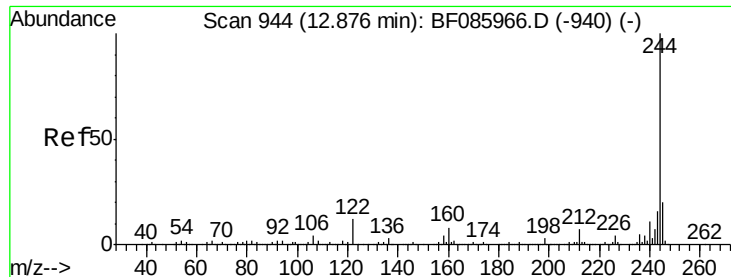
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF086029.D
 Acq: 2 Apr 2016 23:30

Tgt Ion:240 Resp: 202859
 Ion Ratio Lower Upper
 240 100
 120 9.8 13.8 20.8#
 236 26.1 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

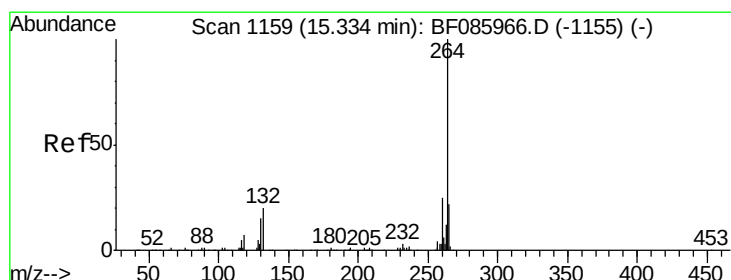
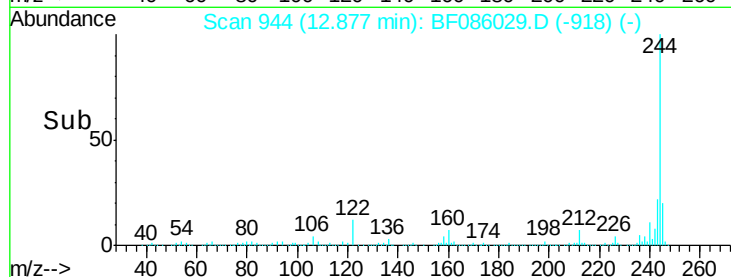
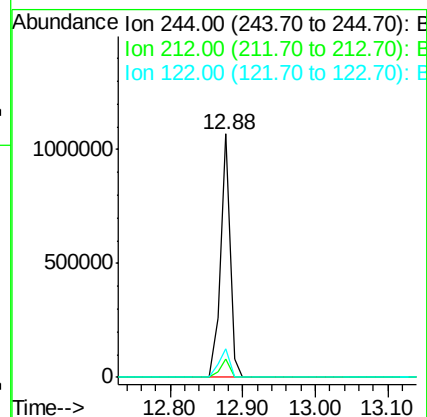
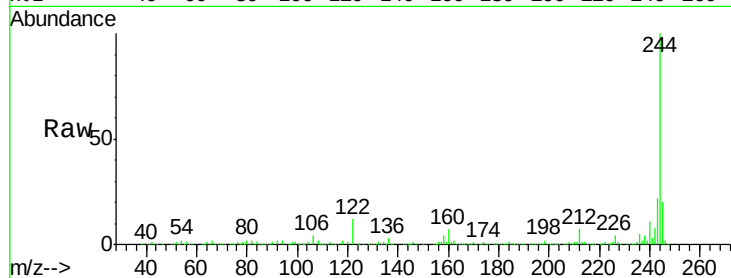




#78
 Terphenyl-d14
 Concen: 112.97 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF086029.D
 Acq: 2 Apr 2016 23:30

Instrument :
 BNA_F
 ClientSampled :
 TP-10

Tgt Ion:244 Resp: 974940
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 11.5 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF086029.D
 Acq: 2 Apr 2016 23:30

Tgt Ion:264 Resp: 154054
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 20.6 17.2 25.8

