

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085830.D
 Acq On : 29 Mar 2016 4:45
 Operator : UM/SJ
 Sample : H1942-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-932SCOMP

Quant Time: Mar 29 05:11:01 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

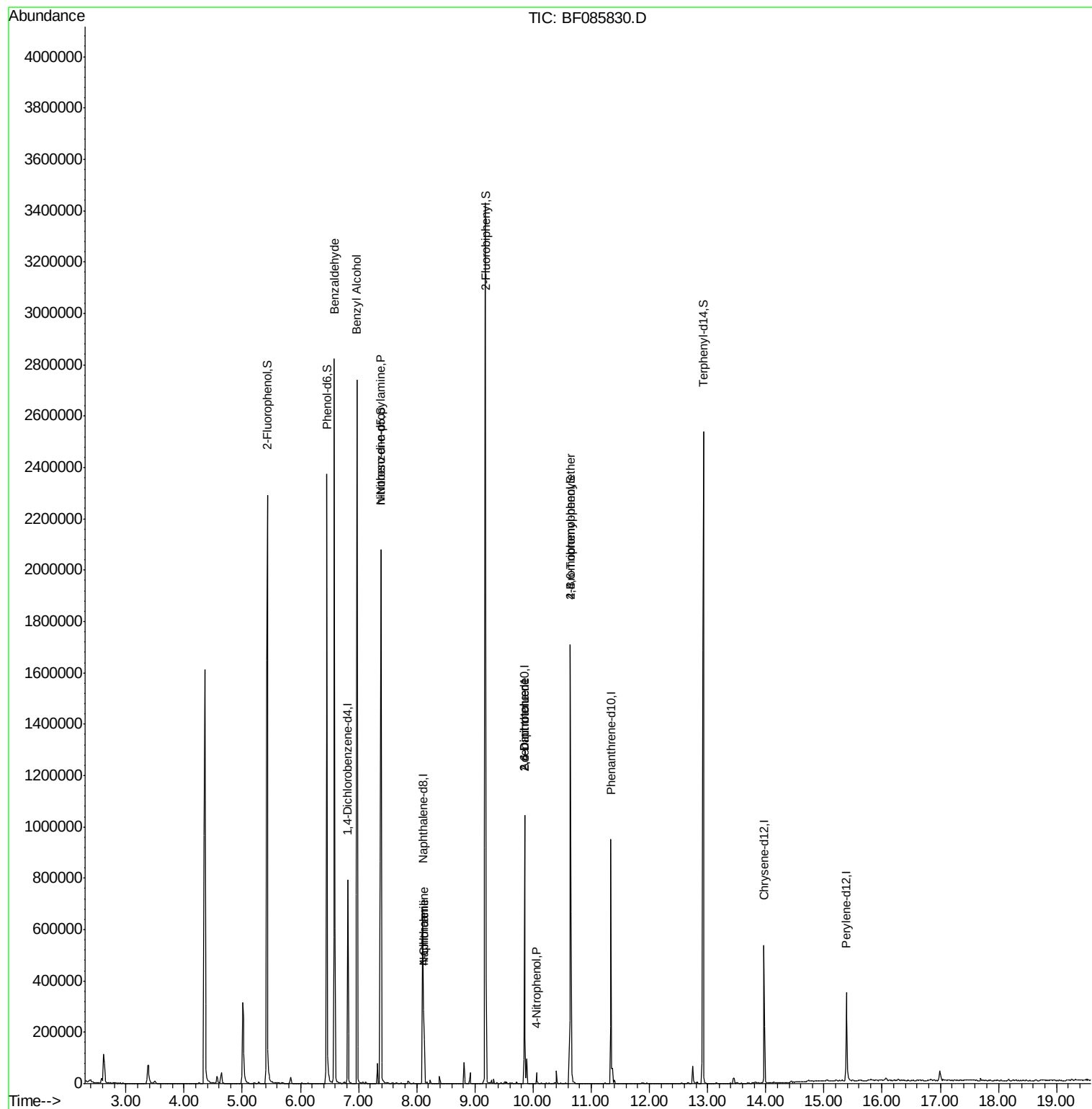
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	116839	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	437606	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	191209	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	342491	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	199300	20.00	ng	-0.01
86) Perylene-d12	15.39	264	162303	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	915460	130.49	ng	0.02
7) Phenol-d6	6.46	99	1053662	118.13	ng	0.00
23) Nitrobenzene-d5	7.38	82	765045	98.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	245367	135.06	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1108392	96.85	ng	-0.01
78) Terphenyl-d14	12.93	244	1005076	103.71	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.58	77	18199	3.39	ng	84
15) Benzyl Alcohol	6.97	79	12465	2.09	ng	# 44
19) n-Nitroso-di-n-propylamine	7.38	70	100561	18.83	ng	# 77
31) Naphthalene	8.12	128	161439	7.32	ng	98
33) 4-Chloroaniline	8.12	127	20149	2.24	ng	# 32
50) 2,6-Dinitrotoluene	9.85	165	24881	7.97	ng	# 19
55) 4-Nitrophenol	10.06	139	7418	3.19	ng	# 10
56) 2,4-Dinitrotoluene	9.85	165	24881	6.27	ng	# 37
66) 4-Bromophenyl-phenylether	10.64	248	15711	4.48	ng	# 1

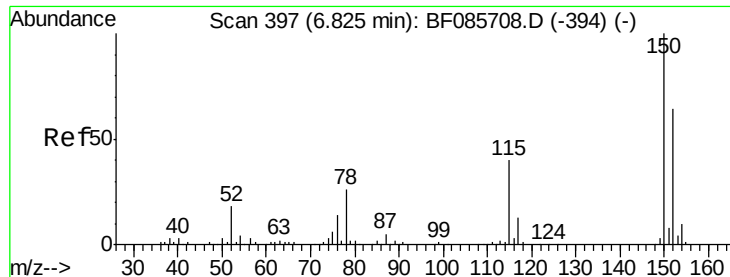
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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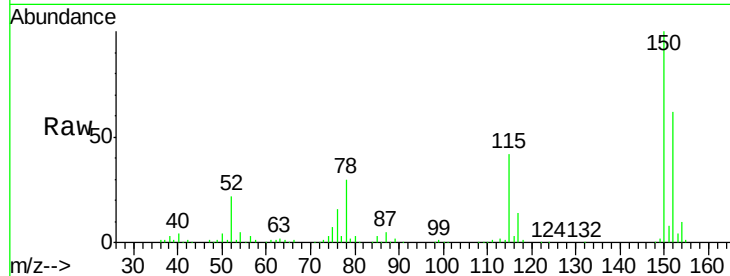


#1

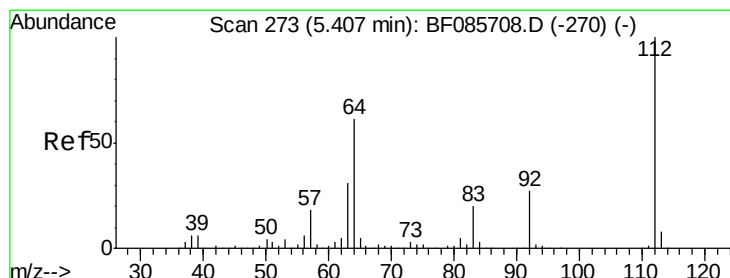
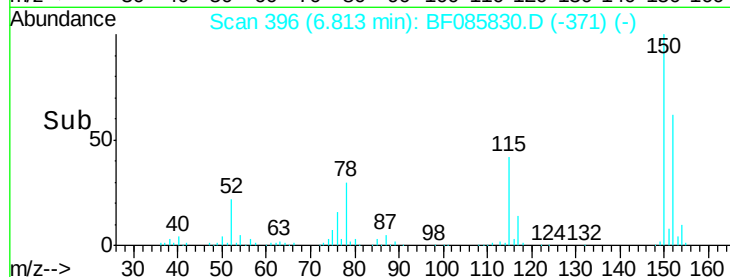
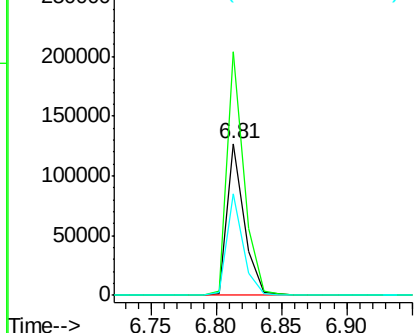
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BF085830.D
 Acq: 29 Mar 2016 4:45

Instrument :
 BNA_F
 ClientSampleId :
 B-932SCOMP

Tgt Ion:152 Resp: 116839
 Ion Ratio Lower Upper
 152 100
 150 160.2 124.2 186.2
 115 67.2 47.0 70.6



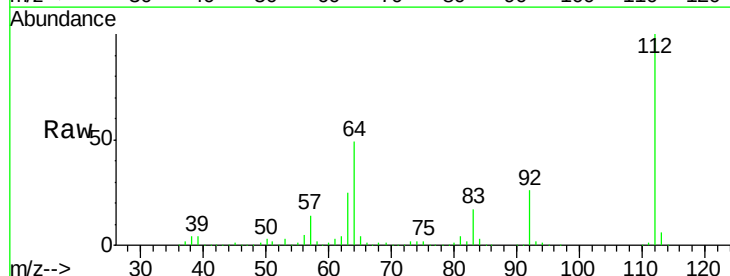
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



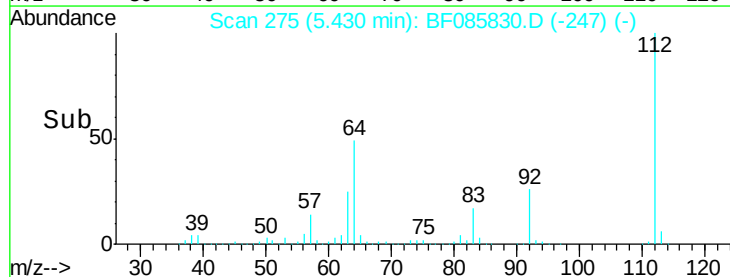
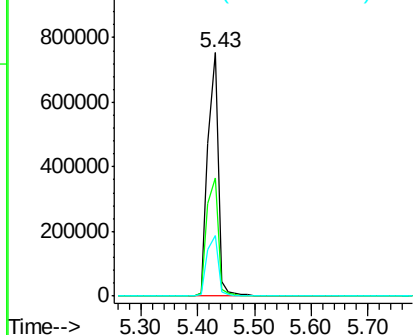
#5

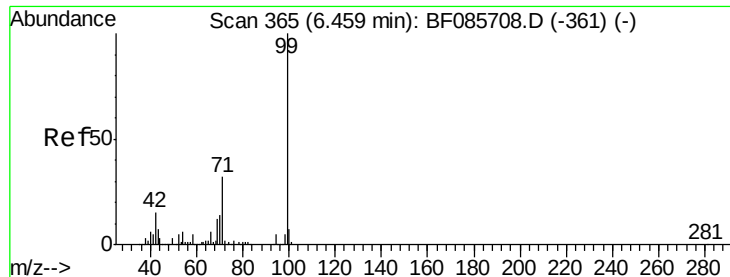
2-Fluorophenol
 Concen: 130.49 ng
 RT: 5.43 min Scan# 275
 Delta R.T. 0.02 min
 Lab File: BF085830.D
 Acq: 29 Mar 2016 4:45

Tgt Ion:112 Resp: 915460
 Ion Ratio Lower Upper
 112 100
 64 48.5 39.9 59.9
 63 24.6 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: 118.13 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085830.D

Acq: 29 Mar 2016 4:45

Instrument :

BNA_F

ClientSampleId :

B-932SCOMP

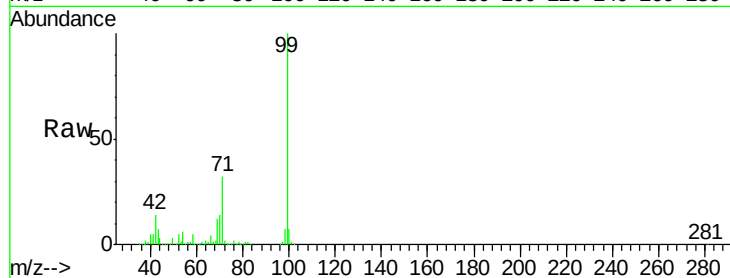
Tgt Ion: 99 Resp: 1053662

Ion Ratio Lower Upper

99 100

42 14.0 11.1 16.7

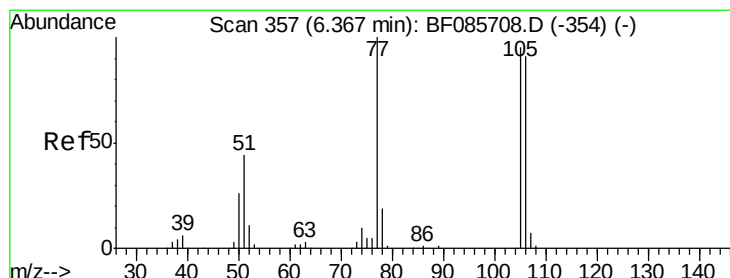
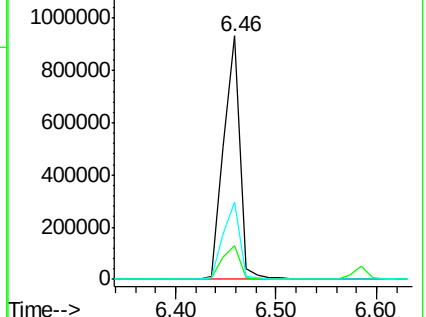
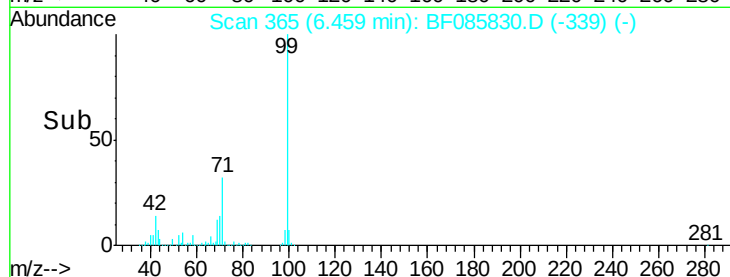
71 31.8 24.9 37.3



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: 3.39 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.22 min

Lab File: BF085830.D

Acq: 29 Mar 2016 4:45

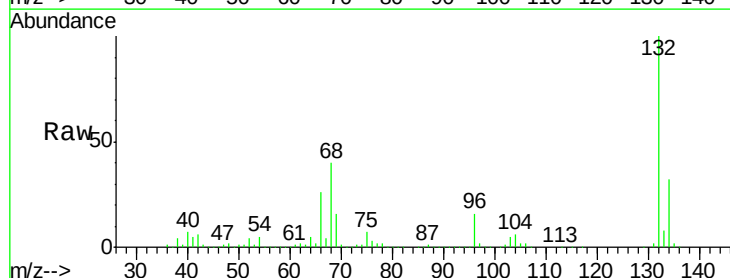
Tgt Ion: 77 Resp: 18199

Ion Ratio Lower Upper

77 100

105 83.1 80.1 120.1

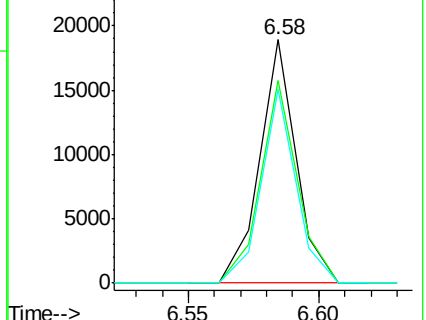
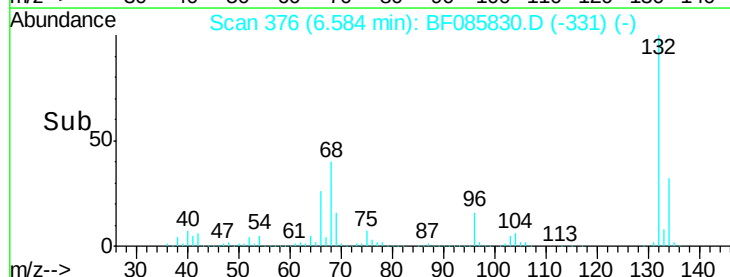
106 79.7 75.0 115.0

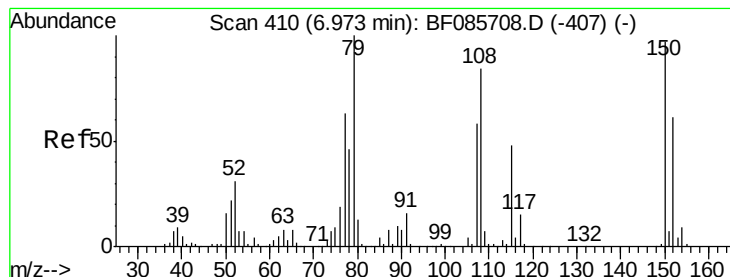


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF085830.D

Acq: 29 Mar 2016 4:45

Instrument :

BNA_F

ClientSampleId :

B-932SCOMP

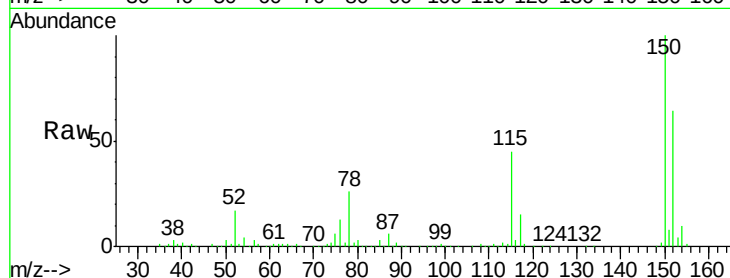
Tgt Ion: 79 Resp: 12465

Ion Ratio Lower Upper

79 100

108 33.4 61.8 92.6#

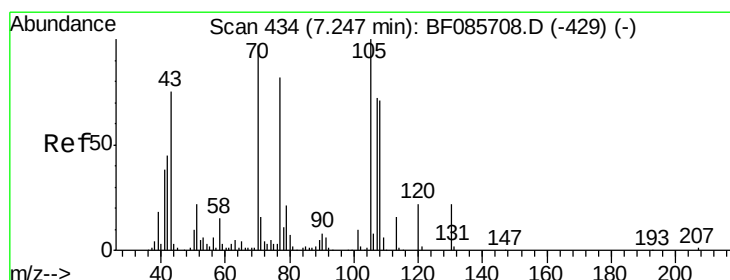
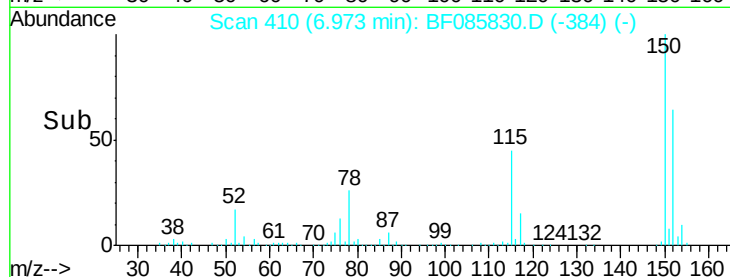
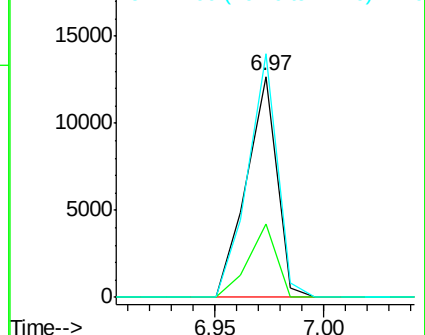
77 110.2 49.6 74.4#



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: 18.83 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.14 min

Lab File: BF085830.D

Acq: 29 Mar 2016 4:45

Tgt Ion: 70 Resp: 100561

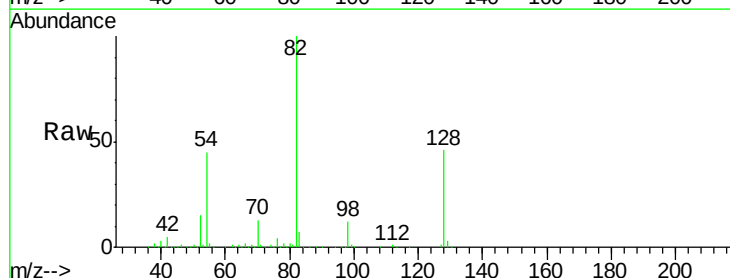
Ion Ratio Lower Upper

70 100

42 39.4 37.1 55.7

101 0.0 8.6 12.8#

130 2.4 19.6 29.4#

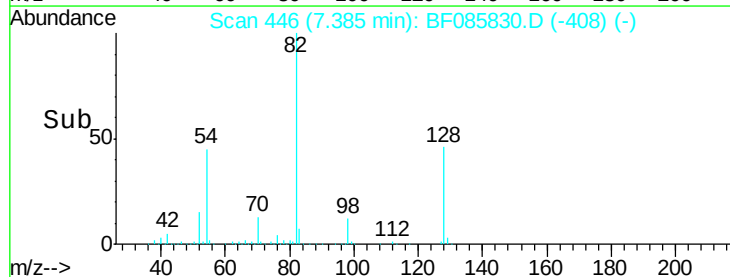
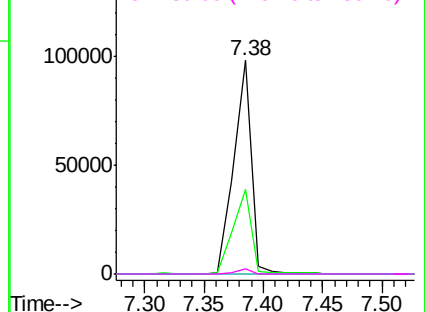


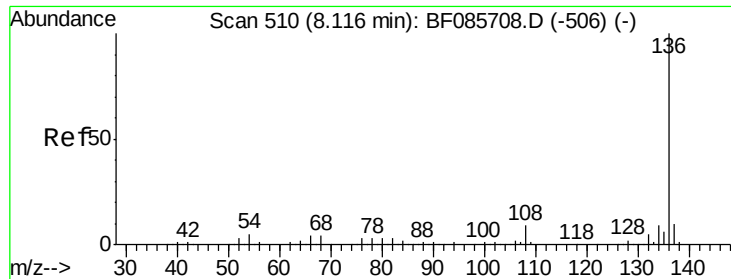
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

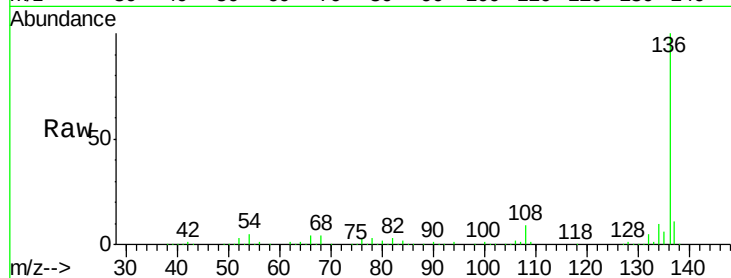




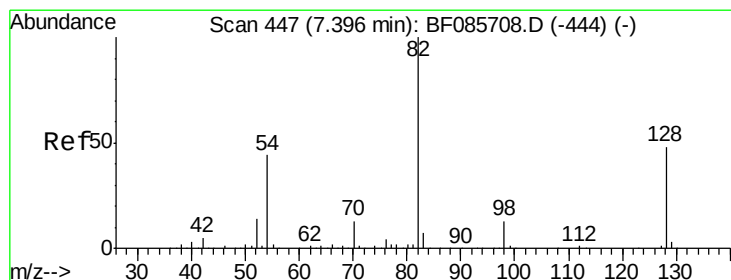
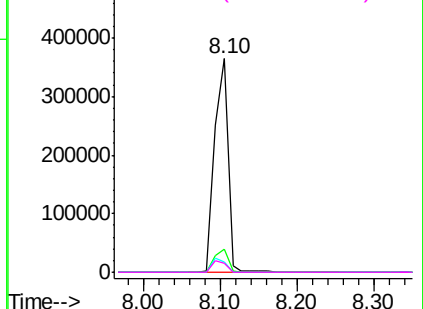
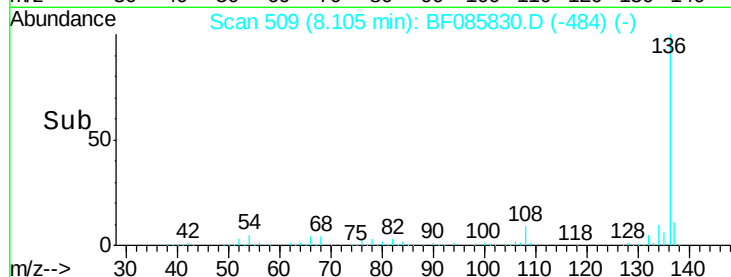
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085830.D
Acq: 29 Mar 2016 4:45

Instrument :
BNA_F
ClientSampleId :
B-932SCOMP

Tgt Ion: 136 Resp: 437606
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 4.8 7.4 11.0#
68 4.2 5.8 8.8#

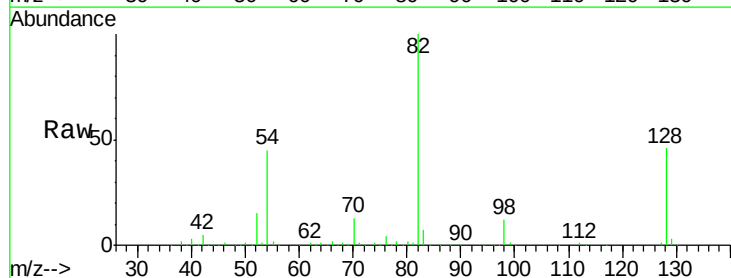


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

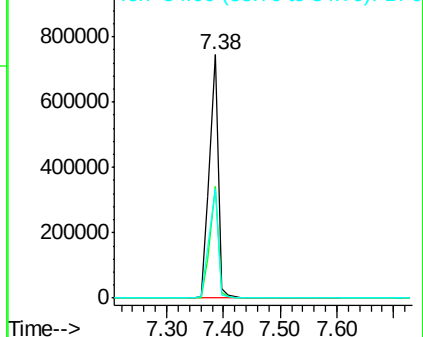
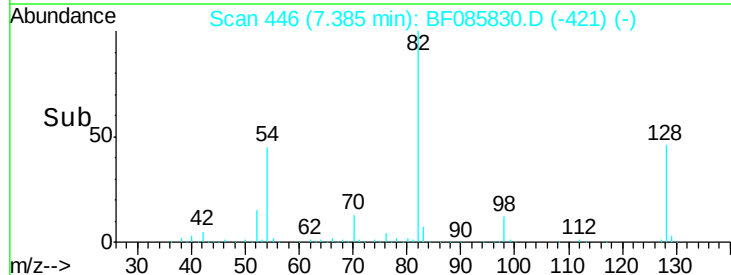


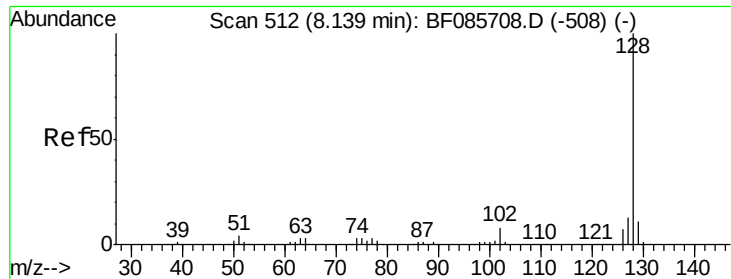
#23
Nitrobenzene-d5
Concen: 98.45 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085830.D
Acq: 29 Mar 2016 4:45

Tgt Ion: 82 Resp: 765045
Ion Ratio Lower Upper
82 100
128 46.0 41.8 62.8
54 44.9 33.4 50.0



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

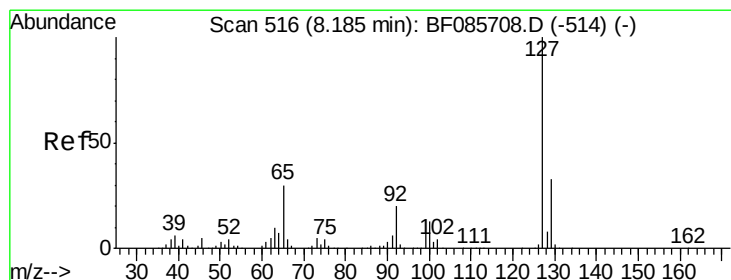
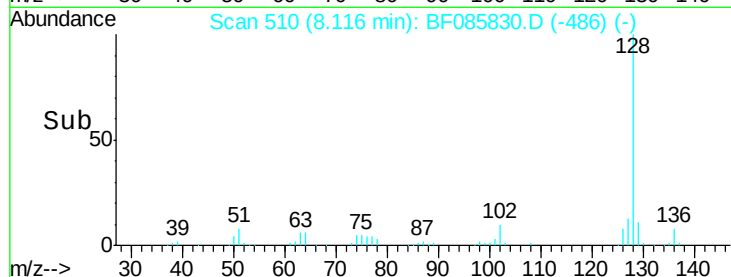
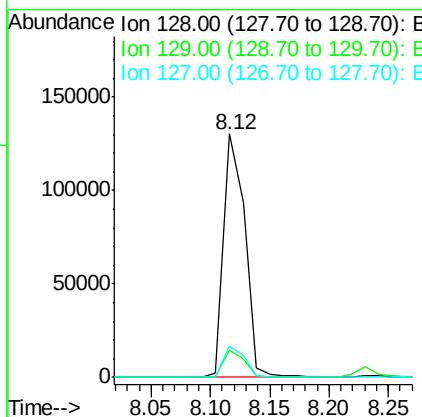
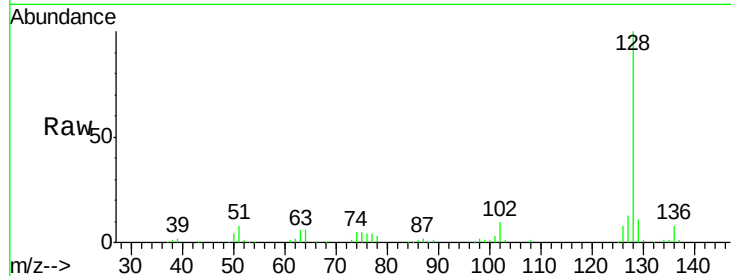




#31
Naphthalene
Concen: 7.32 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085830.D
Acq: 29 Mar 2016 4:45

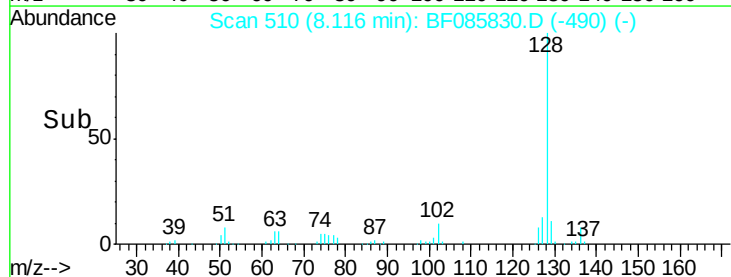
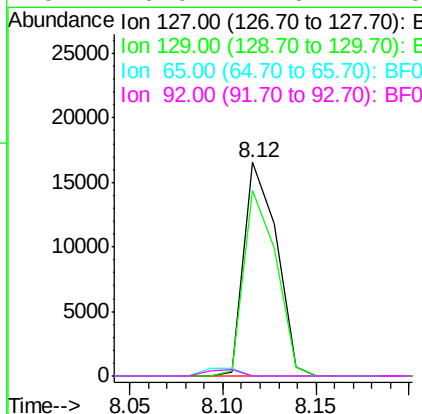
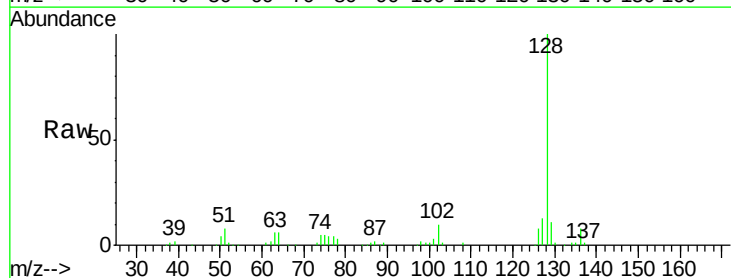
Instrument :
BNA_F
ClientSampleId :
B-932SCOMP

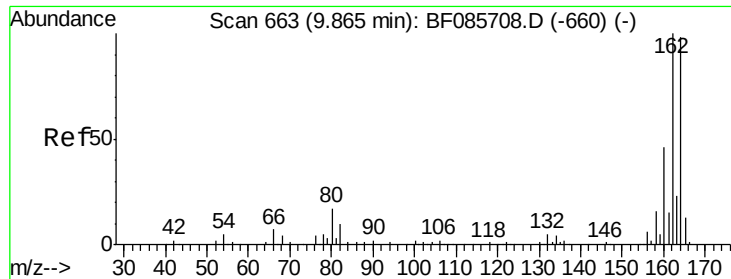
Tgt Ion:128 Resp: 161439
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 12.7 11.0 16.6



#33
4-Chloroaniline
Concen: 2.24 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.07 min
Lab File: BF085830.D
Acq: 29 Mar 2016 4:45

Tgt Ion:127 Resp: 20149
Ion Ratio Lower Upper
127 100
129 87.0 26.1 39.1#
65 0.0 19.5 29.3#
92 0.0 14.6 22.0#

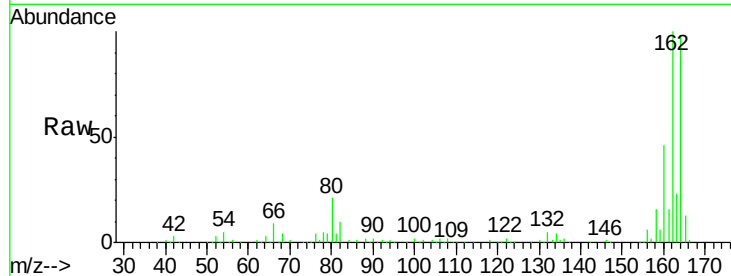




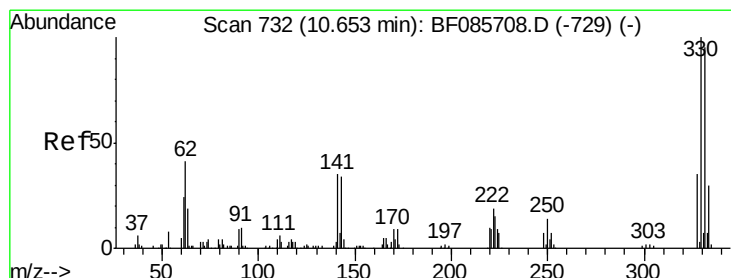
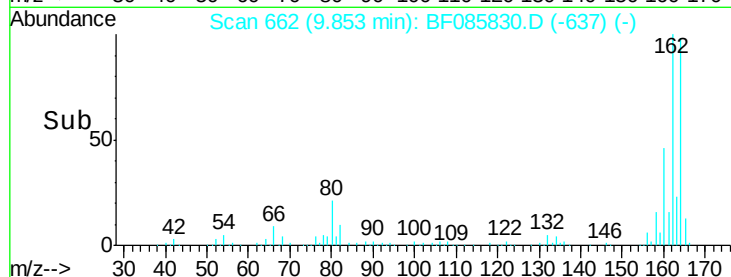
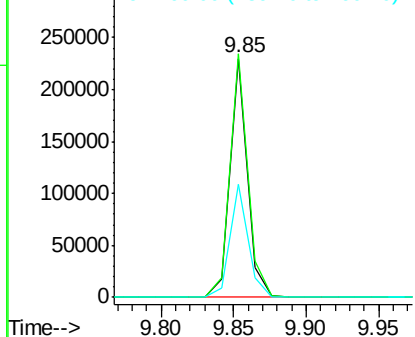
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF085830.D
 Acq: 29 Mar 2016 4:45

Instrument :
 BNA_F
 ClientSampleId :
 B-932SCOMP

Tgt Ion:164 Resp: 191209
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.1 123.1
 160 47.1 37.4 56.2

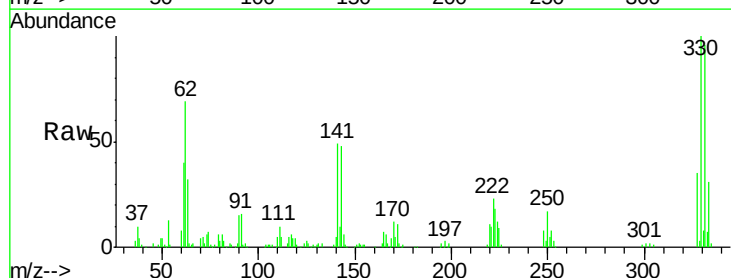


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

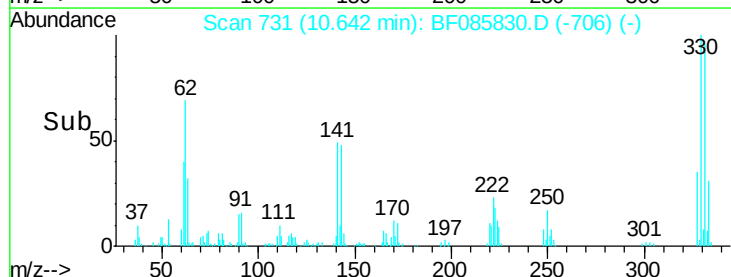
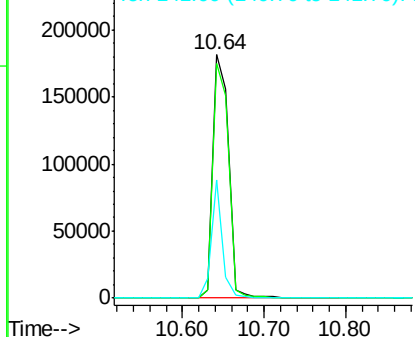


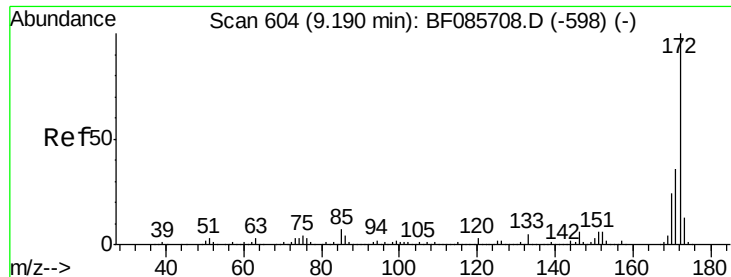
#41
 2,4,6-Tribromophenol
 Concen: 135.06 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085830.D
 Acq: 29 Mar 2016 4:45

Tgt Ion:330 Resp: 245367
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.2 117.2
 141 34.5 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

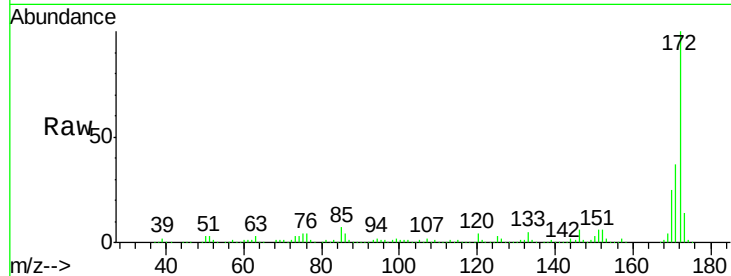




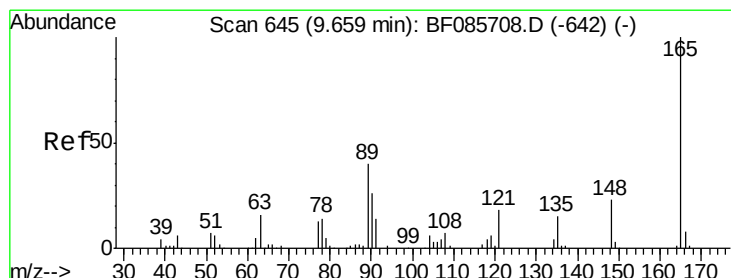
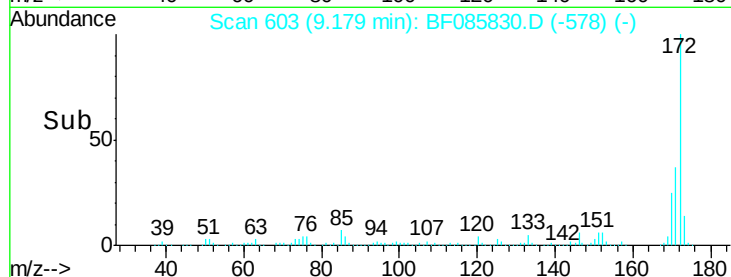
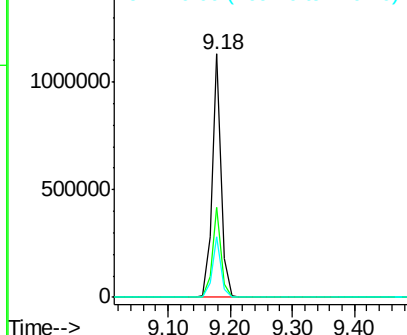
#44
 2-Fluorobiphenyl
 Concen: 96.85 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085830.D
 Acq: 29 Mar 2016 4:45

Instrument :
 BNA_F
 ClientSampleId :
 B-932SCOMP

Tgt Ion:172 Resp: 1108392
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.4 44.2
 170 24.9 19.8 29.6

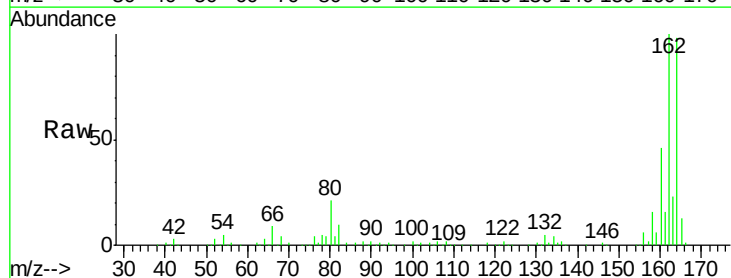


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

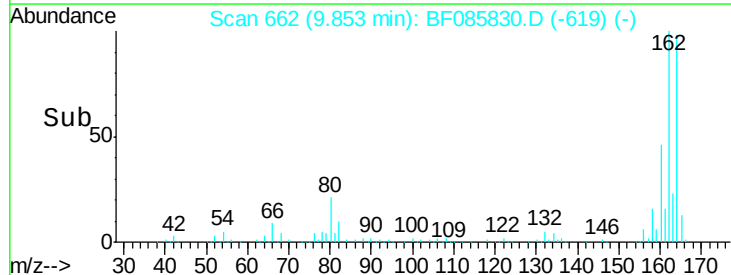
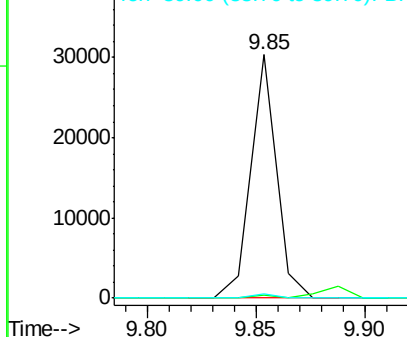


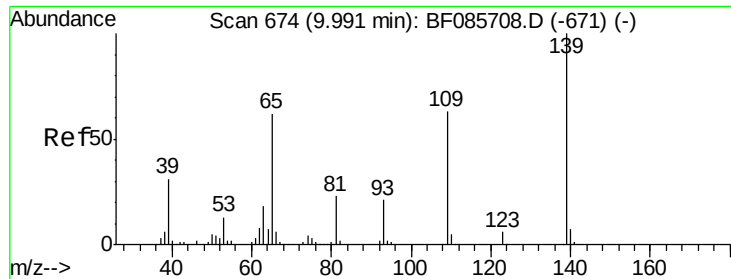
#50
 2,6-Dinitrotoluene
 Concen: 7.97 ng
 RT: 9.85 min Scan# 662
 Delta R.T. 0.19 min
 Lab File: BF085830.D
 Acq: 29 Mar 2016 4:45

Tgt Ion:165 Resp: 24881
 Ion Ratio Lower Upper
 165 100
 63 1.1 51.8 77.8#
 89 1.5 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





#55

4-Nitrophenol

Concen: 3.19 ng

RT: 10.06 min Scan# 680

Delta R.T. 0.07 min

Lab File: BF085830.D

Acq: 29 Mar 2016 4:45

Instrument :

BNA_F

ClientSampleId :

B-932SCOMP

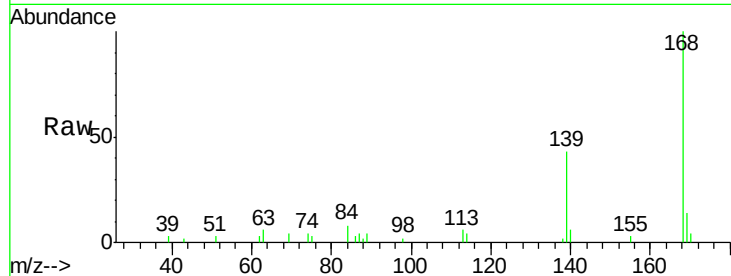
Tgt Ion:139 Resp: 7418

Ion Ratio Lower Upper

139 100

109 0.0 49.2 89.2#

65 0.0 66.9 106.9#

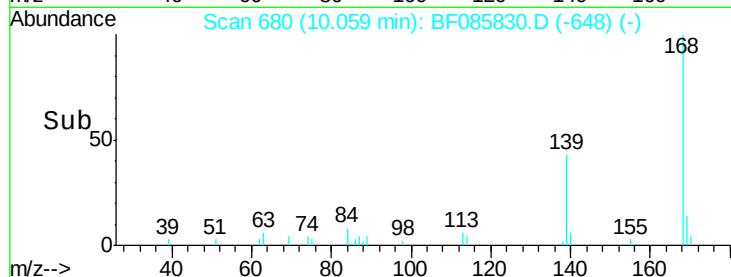


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

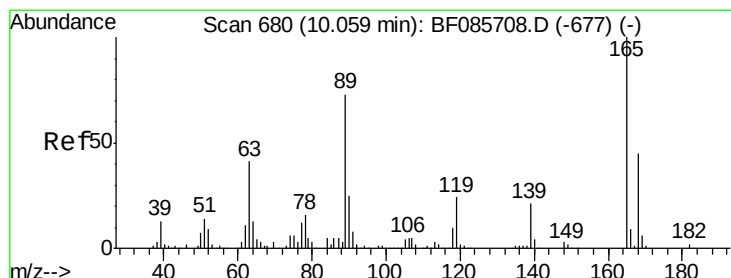
Ion 65.00 (64.70 to 65.70): BF0

Time-->



10.06

Time-->



#56

2,4-Dinitrotoluene

Concen: 6.27 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.21 min

Lab File: BF085830.D

Acq: 29 Mar 2016 4:45

Tgt Ion:165 Resp: 24881

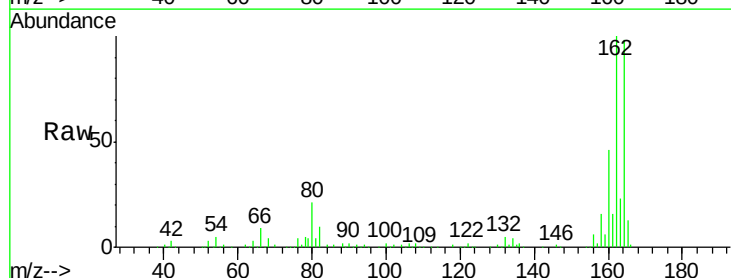
Ion Ratio Lower Upper

165 100

63 1.1 24.9 37.3#

89 1.5 41.0 61.6#

182 0.0 2.1 3.1#



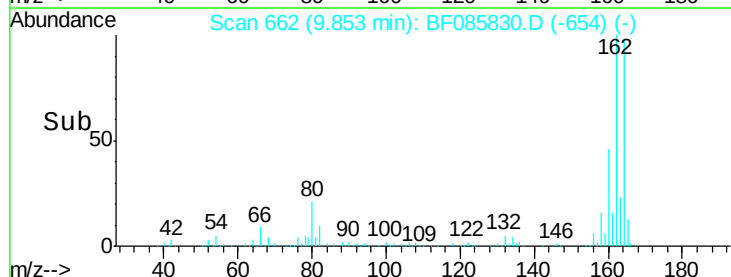
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

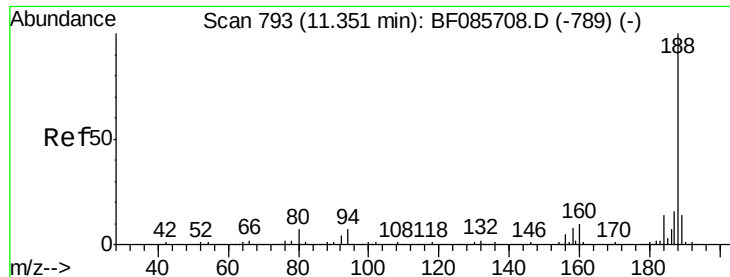
Ion 182.00 (181.70 to 182.70): E

Time-->



9.85

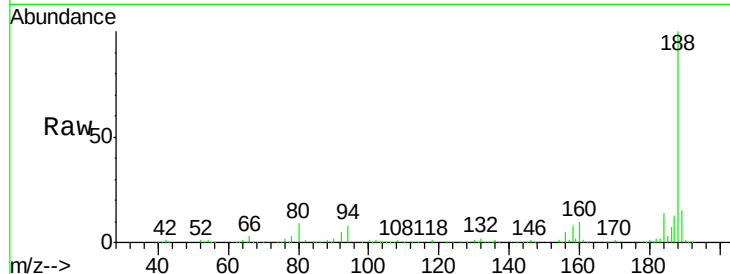
Time-->



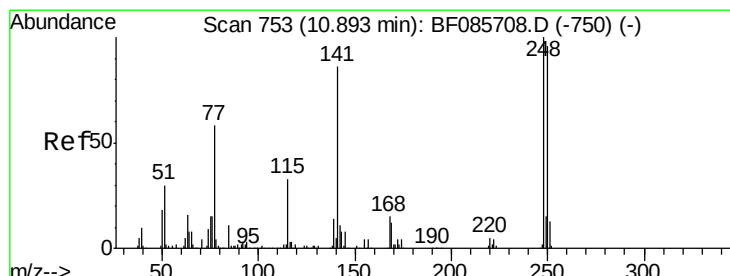
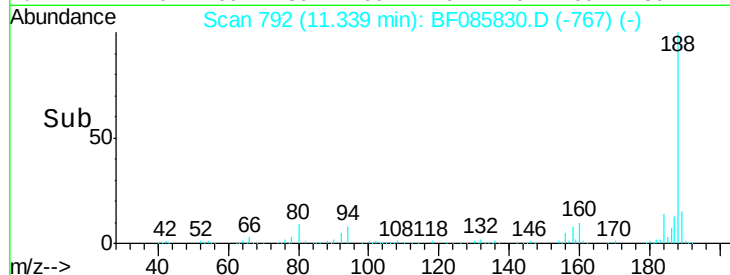
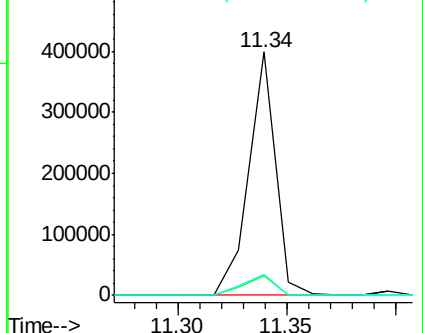
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085830.D
Acq: 29 Mar 2016 4:45

Instrument :
BNA_F
ClientSampleId :
B-932SCOMP

Tgt Ion:188 Resp: 342491
Ion Ratio Lower Upper
188 100
94 8.3 5.4 8.0#
80 8.6 5.5 8.3#

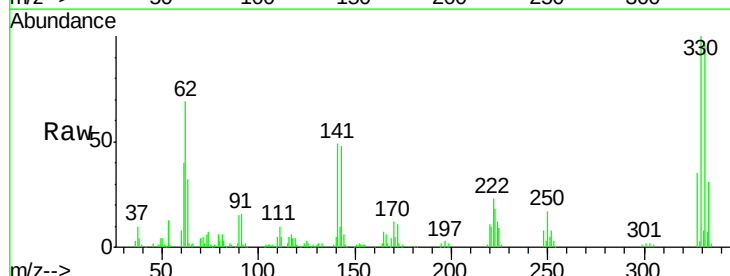


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

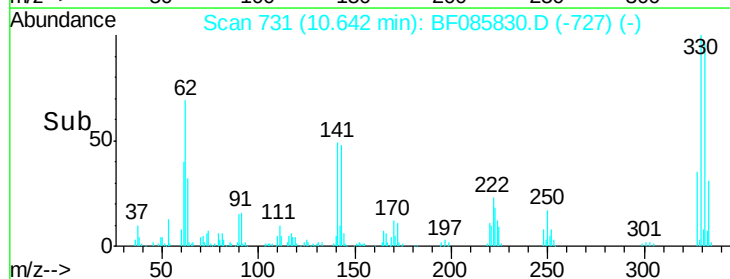
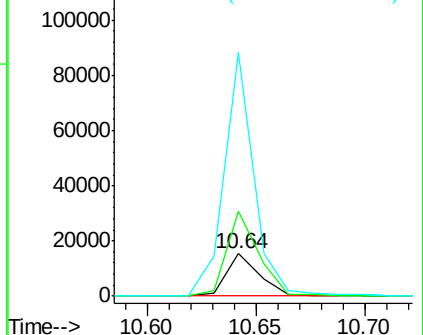


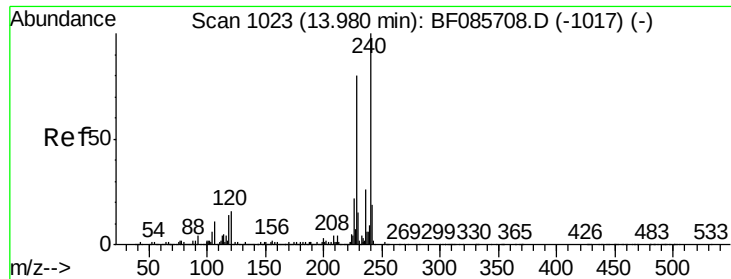
#66
4-Bromophenyl-phenylether
Concen: 4.48 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.25 min
Lab File: BF085830.D
Acq: 29 Mar 2016 4:45

Tgt Ion:248 Resp: 15711
Ion Ratio Lower Upper
248 100
250 200.0 77.4 116.0#
141 576.9 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

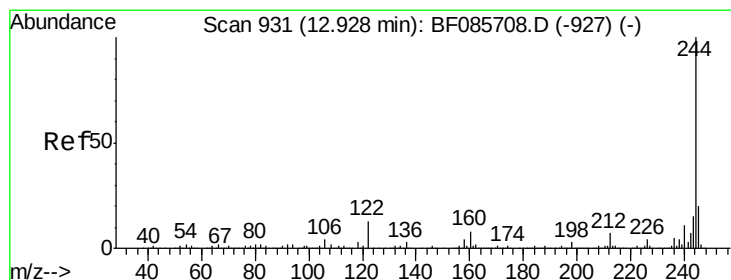
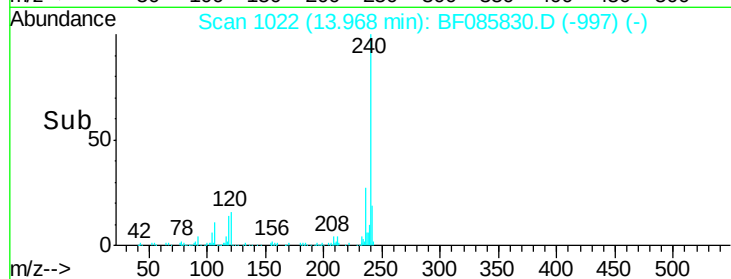
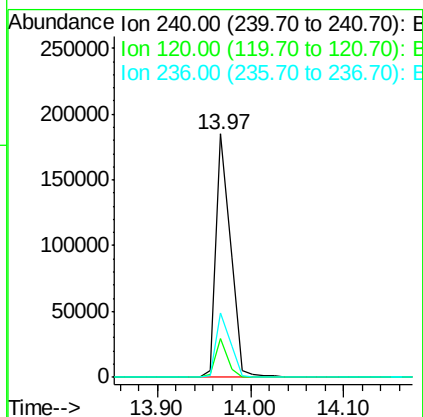
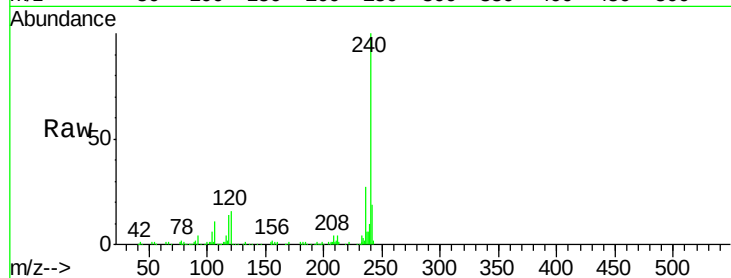




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085830.D
Acq: 29 Mar 2016 4:45

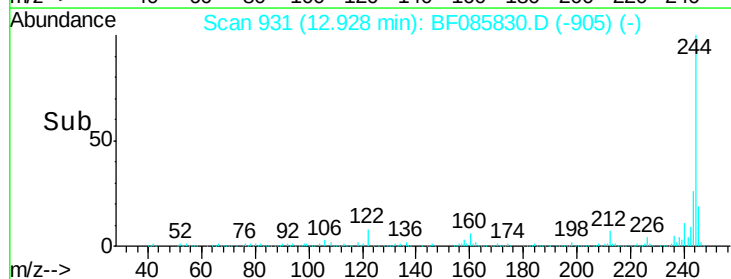
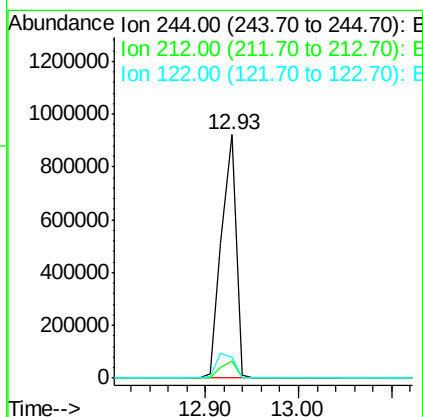
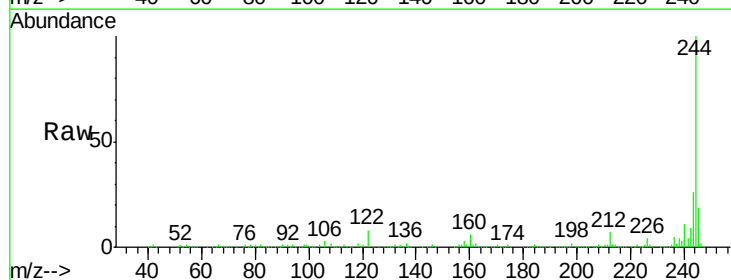
Instrument :
BNA_F
ClientSampleId :
B-932SCOMP

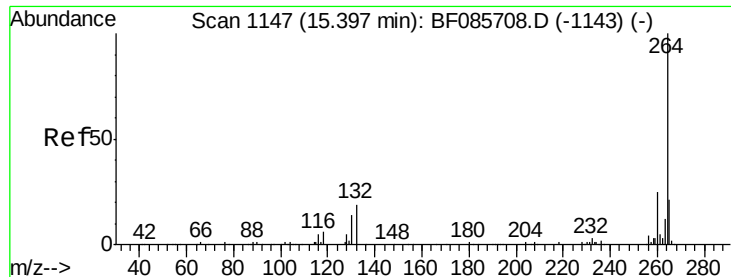
Tgt Ion:240 Resp: 199300
Ion Ratio Lower Upper
240 100
120 15.9 13.8 20.8
236 26.6 20.6 30.8



#78
Terphenyl-d14
Concen: 103.71 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF085830.D
Acq: 29 Mar 2016 4:45

Tgt Ion:244 Resp: 1005076
Ion Ratio Lower Upper
244 100
212 6.8 6.1 9.1
122 8.5 10.2 15.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085830.D
Acq: 29 Mar 2016 4:45

Instrument :
BNA_F
ClientSampleId :
B-932SCOMP

Tgt Ion: 264 Resp: 162303
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.2
265 21.4 17.2 25.8

