

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085941.D
 Acq On : 31 Mar 2016 21:45
 Operator : UM/SJ
 Sample : H1976-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Quant Time: Mar 31 21:49:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

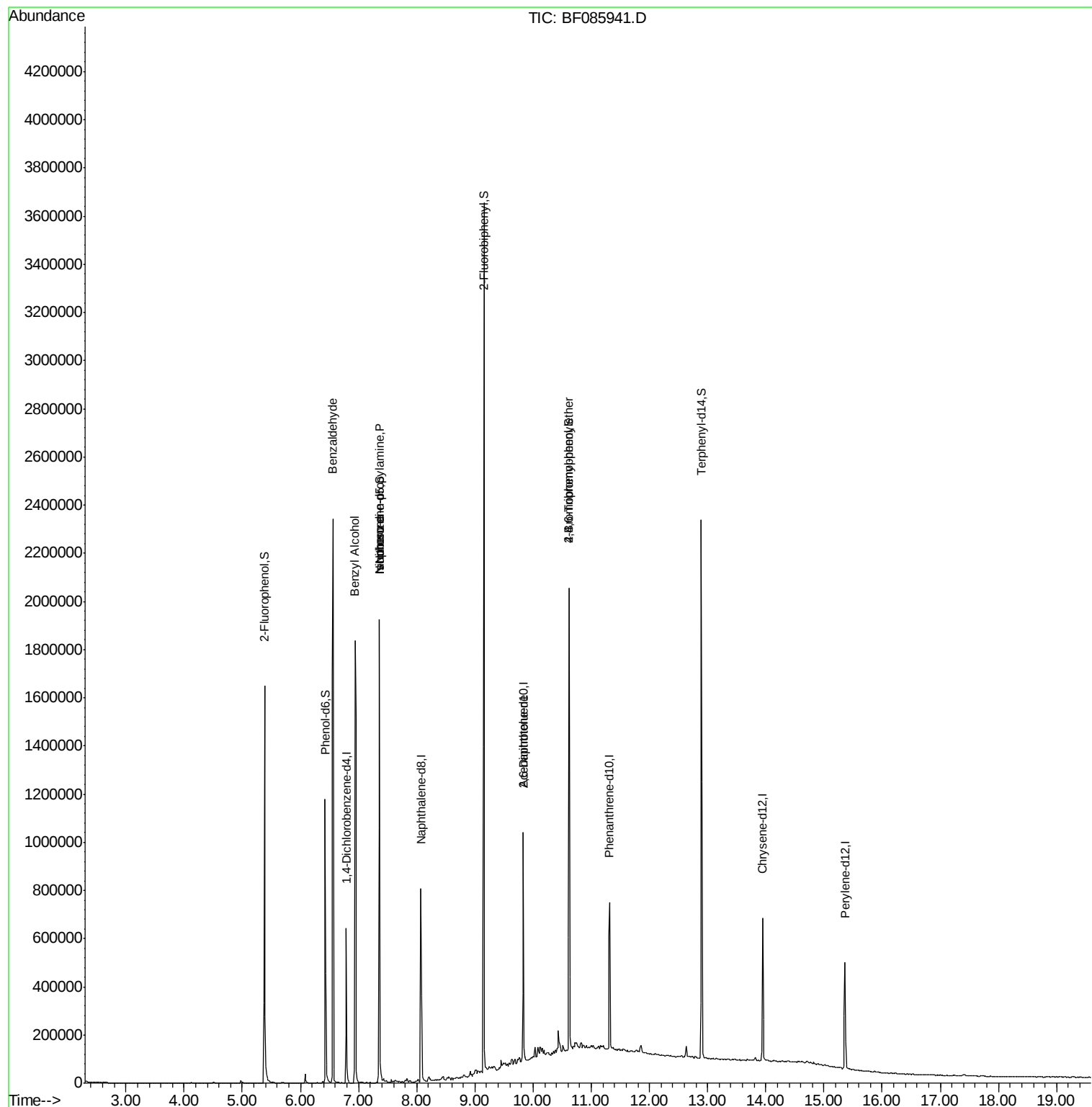
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106723	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	415850	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	194869	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	302648	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	198878	20.00	ng	-0.02
86) Perylene-d12	15.36	264	195030	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	519508	81.07	ng	-0.01
7) Phenol-d6	6.42	99	484786	59.50	ng	-0.02
23) Nitrobenzene-d5	7.36	82	778714	105.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	236252	127.60	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1183527	101.47	ng	-0.01
78) Terphenyl-d14	12.89	244	846589	87.55	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.56	77	18793	3.83	ng	Qvalue 89
15) Benzyl Alcohol	6.94	79	11296	2.08	ng	# 49
19) n-Nitroso-di-n-propylamine	7.36	70	102869	21.09	ng	# 76
25) Isophorone	7.36	82	766099	53.85	ng	# 68
50) 2,6-Dinitrotoluene	9.83	165	26392	8.29	ng	# 19
66) 4-Bromophenyl-phenylether	10.62	248	16325	5.27	ng	# 1

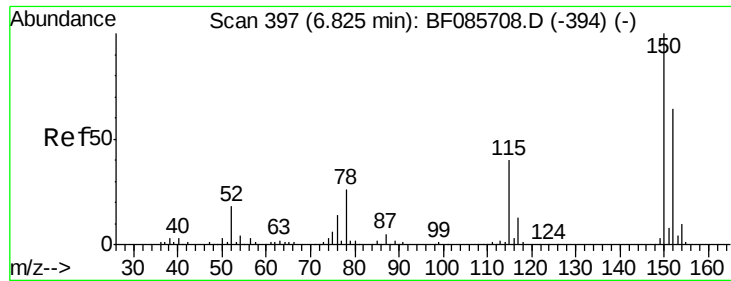
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF085941.D

Acq: 31 Mar 2016 21:45

Instrument :

BNA_F

ClientSampleId :

MW-8

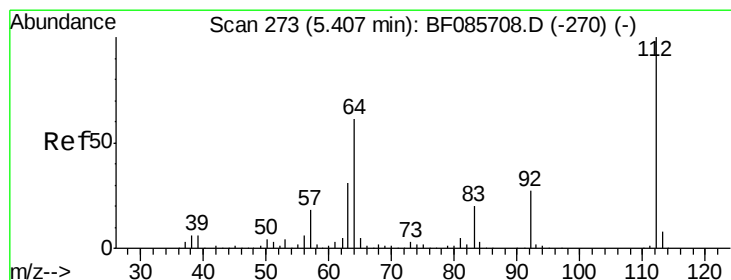
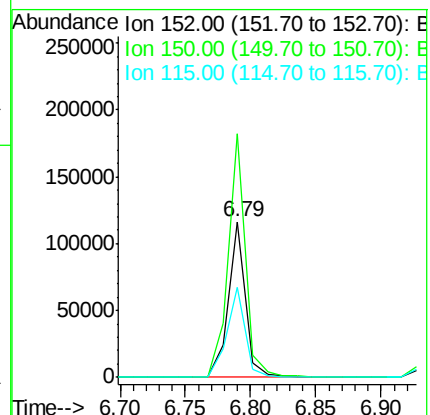
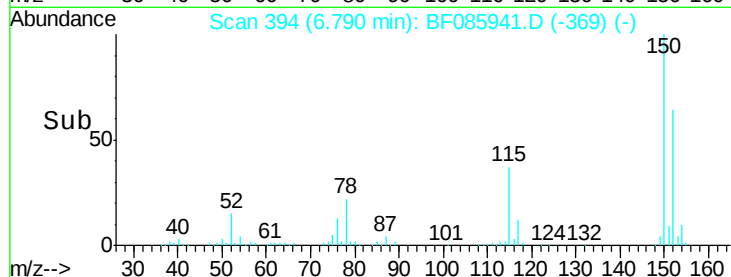
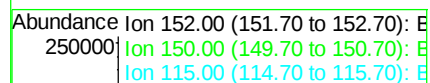
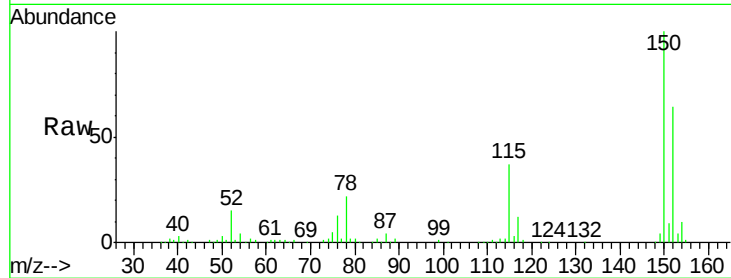
Tgt Ion:152 Resp: 106723

Ion Ratio Lower Upper

152 100

150 156.5 124.2 186.2

115 57.9 47.0 70.6



#5

2-Fluorophenol

Concen: 81.07 ng

RT: 5.38 min Scan# 271

Delta R.T. -0.01 min

Lab File: BF085941.D

Acq: 31 Mar 2016 21:45

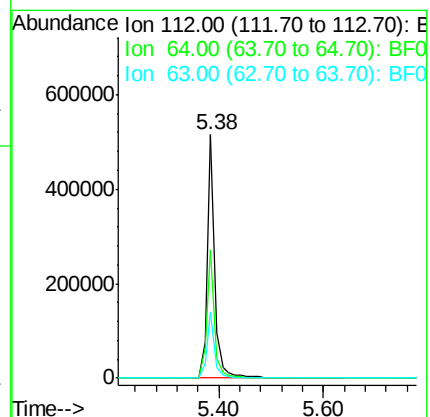
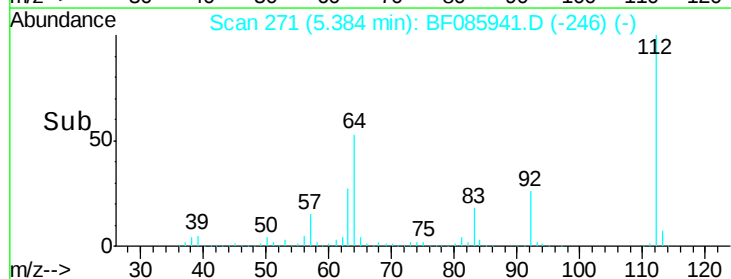
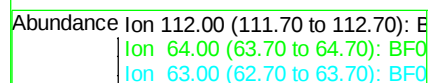
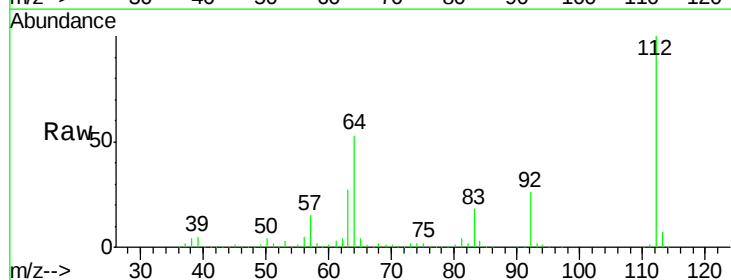
Tgt Ion:112 Resp: 519508

Ion Ratio Lower Upper

112 100

64 52.9 39.9 59.9

63 26.8 20.2 30.2





#7

Phenol-d6

Concen: 59.50 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085941.D

Acq: 31 Mar 2016 21:45

Instrument :

BNA_F

ClientSampleId :

MW-8

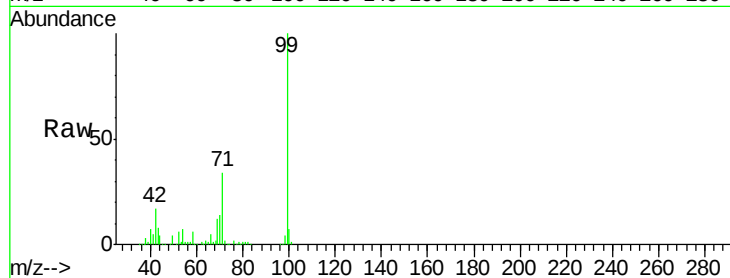
Tgt Ion: 99 Resp: 484786

Ion Ratio Lower Upper

99 100

42 16.7 11.1 16.7

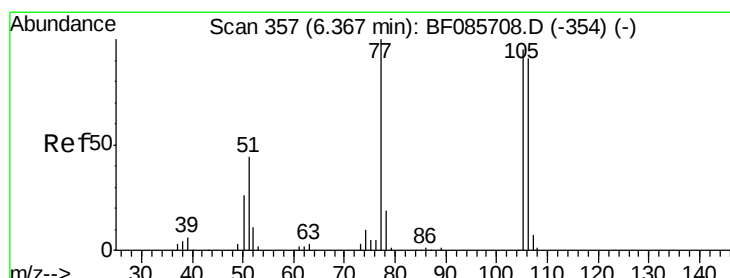
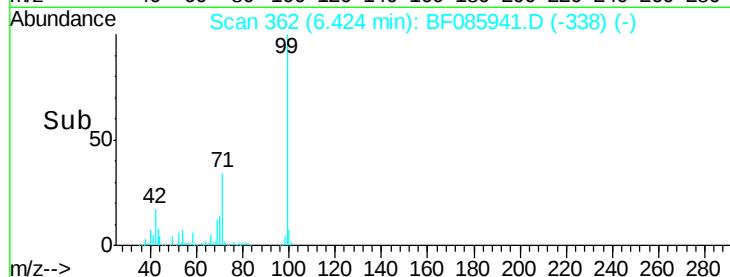
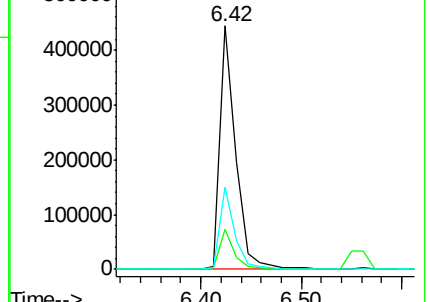
71 33.7 24.9 37.3



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: 3.83 ng

RT: 6.56 min Scan# 374

Delta R.T. 0.22 min

Lab File: BF085941.D

Acq: 31 Mar 2016 21:45

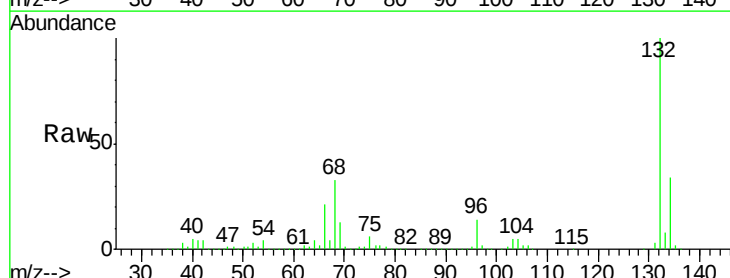
Tgt Ion: 77 Resp: 18793

Ion Ratio Lower Upper

77 100

105 90.2 80.1 120.1

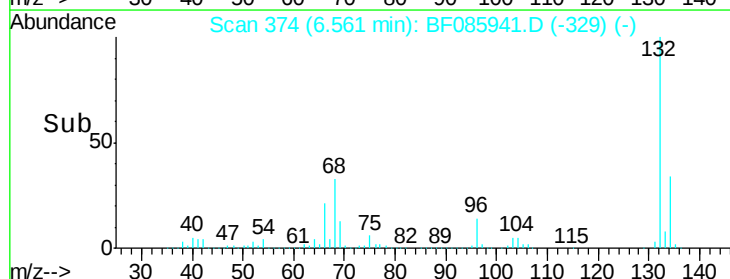
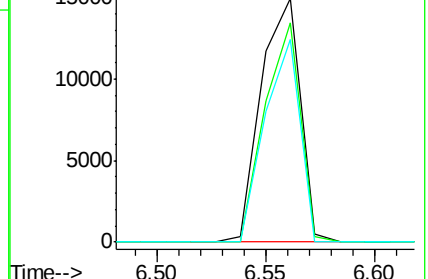
106 83.1 75.0 115.0

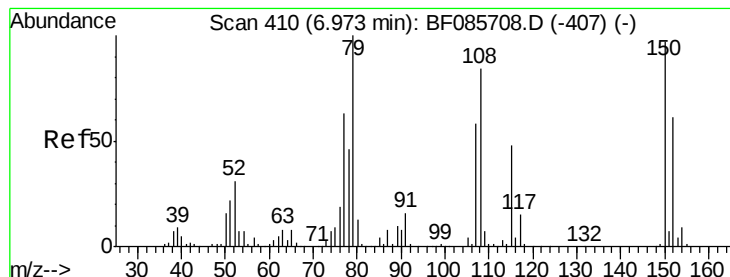


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF085941.D

Acq: 31 Mar 2016 21:45

Instrument :

BNA_F

ClientSampleId :

MW-8

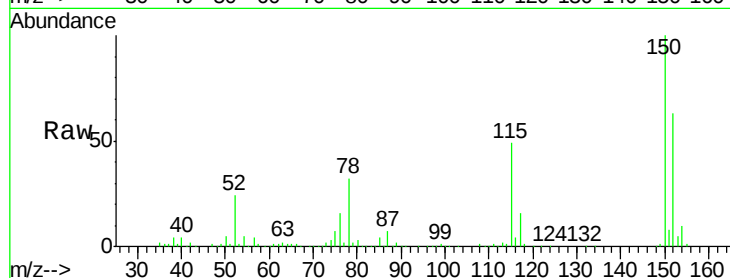
Tgt Ion: 79 Resp: 11296

Ion Ratio Lower Upper

79 100

108 31.6 61.8 92.6#

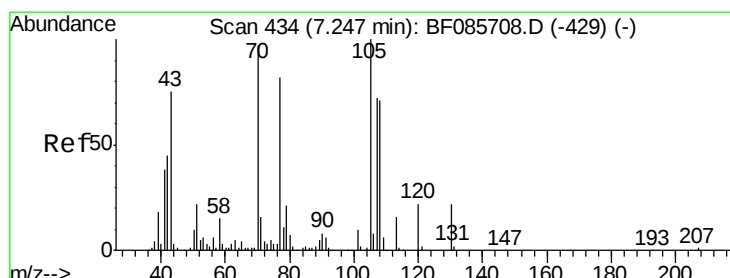
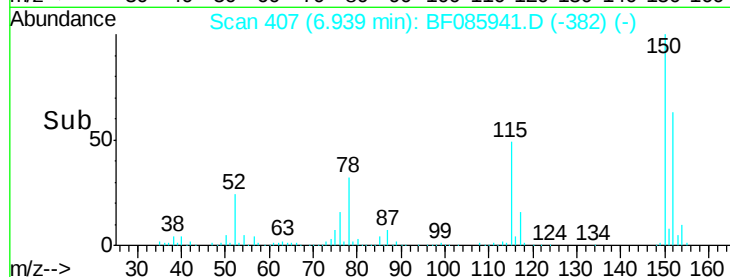
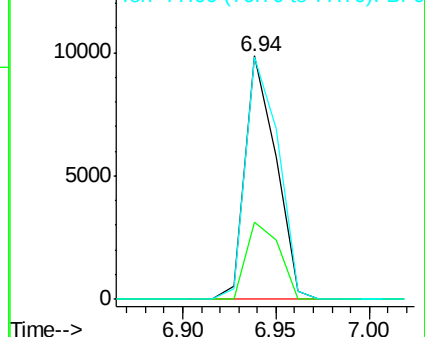
77 99.3 49.6 74.4#



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: 21.09 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF085941.D

Acq: 31 Mar 2016 21:45

Tgt Ion: 70 Resp: 102869

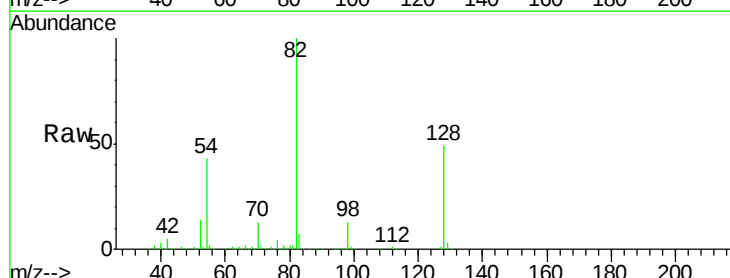
Ion Ratio Lower Upper

70 100

42 38.2 37.1 55.7

101 0.0 8.6 12.8#

130 2.4 19.6 29.4#

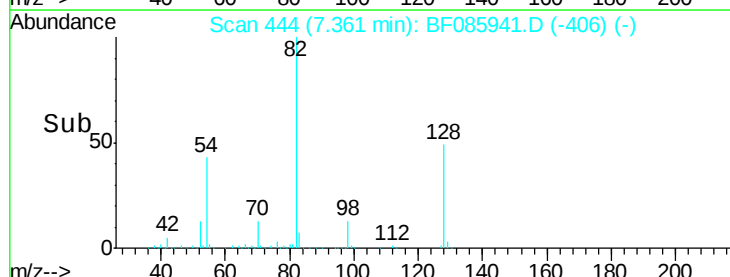
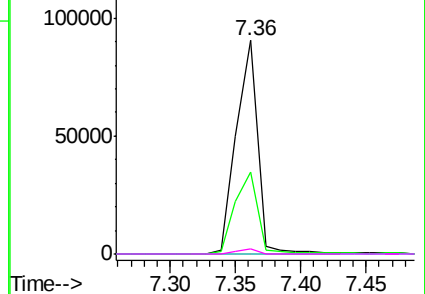


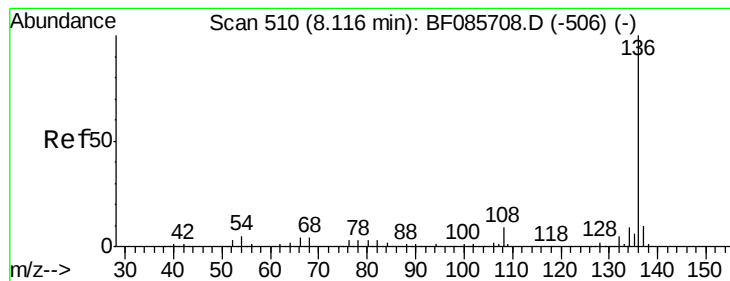
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.07 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF085941.D

Acq: 31 Mar 2016 21:45

Instrument :

BNA_F

ClientSampleId :

MW-8

Tgt Ion:136 Resp: 415850

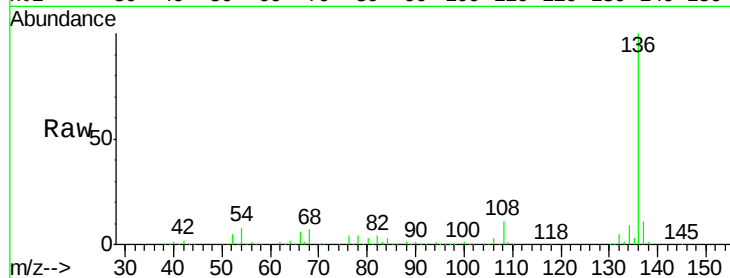
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.4 7.4 11.0

68 6.9 5.8 8.8

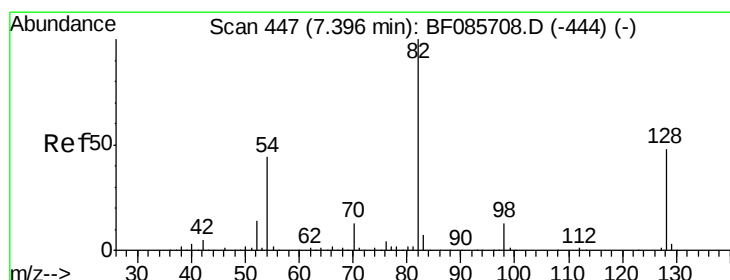
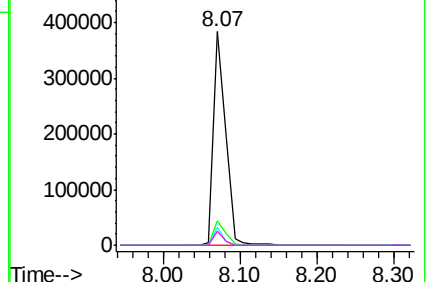
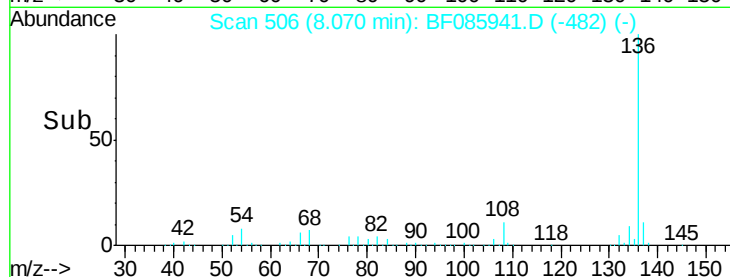


Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.45 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF085941.D

Acq: 31 Mar 2016 21:45

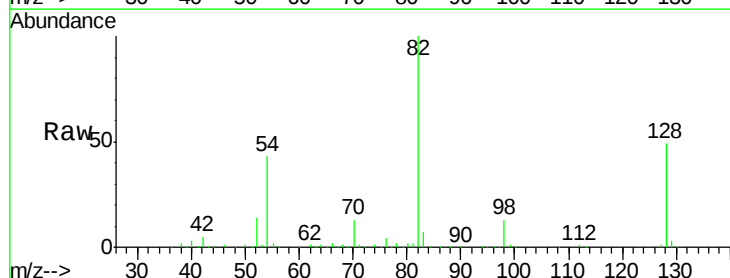
Tgt Ion: 82 Resp: 778714

Ion Ratio Lower Upper

82 100

128 49.1 41.8 62.8

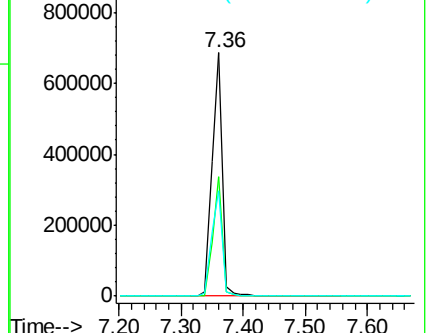
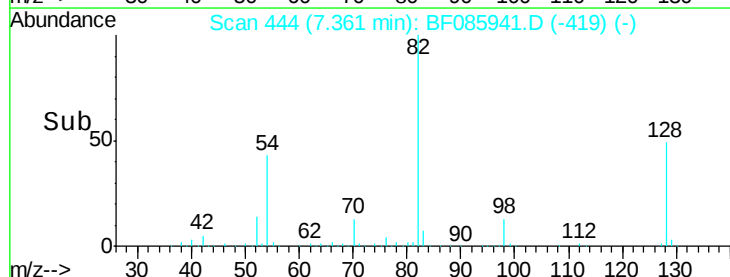
54 43.4 33.4 50.0

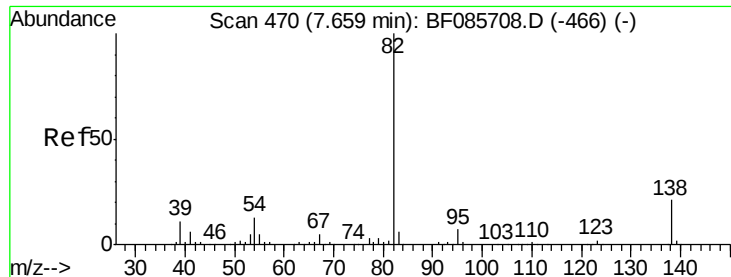


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 53.85 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.27 min

Lab File: BF085941.D

Acq: 31 Mar 2016 21:45

Instrument :

BNA_F

ClientSampled :

MW-8

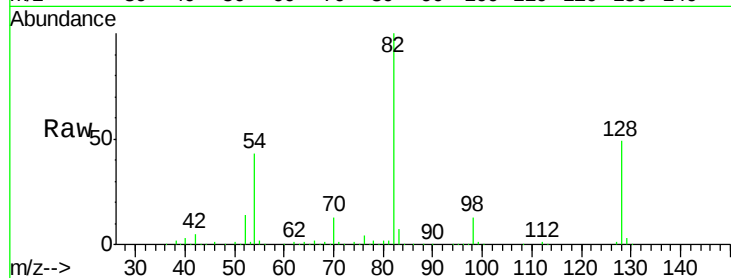
Tgt Ion: 82 Resp: 766099

Ion Ratio Lower Upper

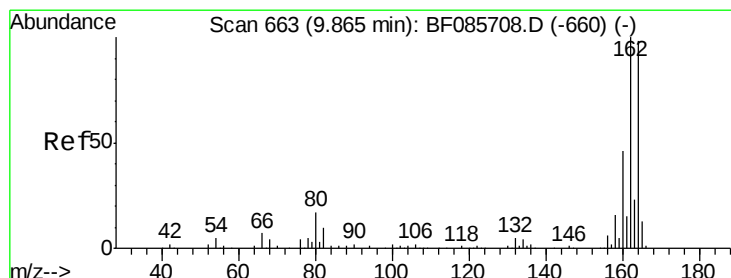
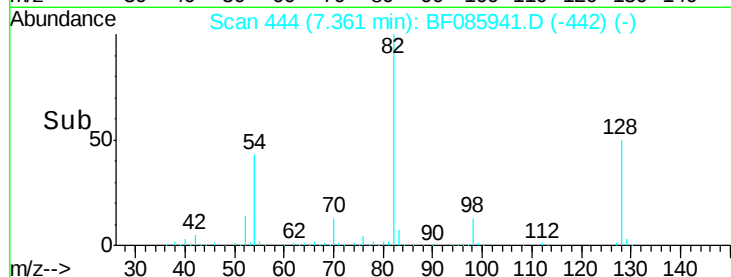
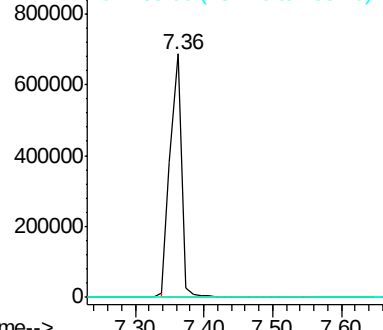
82 100

95 0.1 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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF085941.D

Acq: 31 Mar 2016 21:45

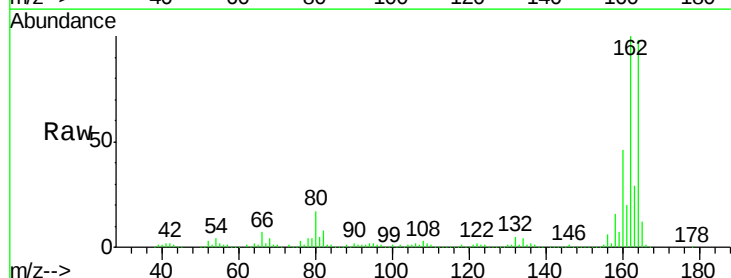
Tgt Ion: 164 Resp: 194869

Ion Ratio Lower Upper

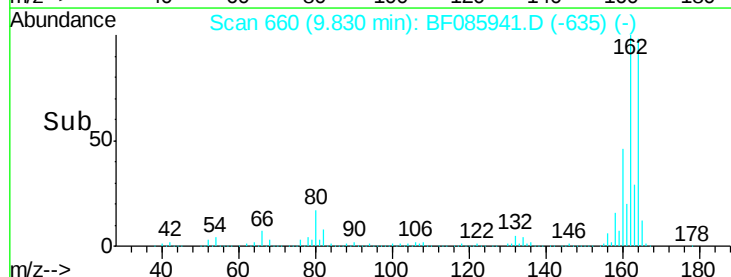
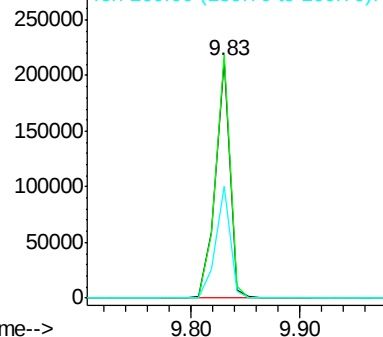
164 100

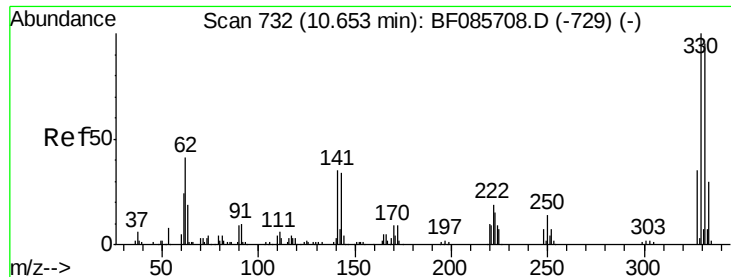
162 102.3 82.1 123.1

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

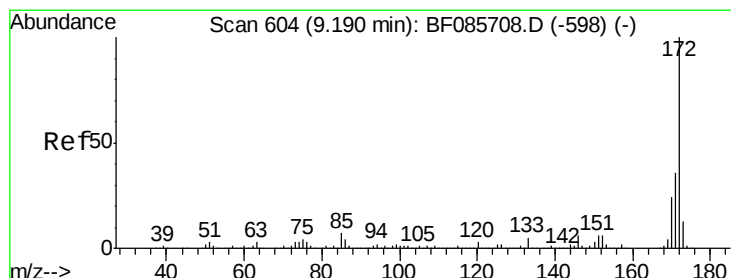
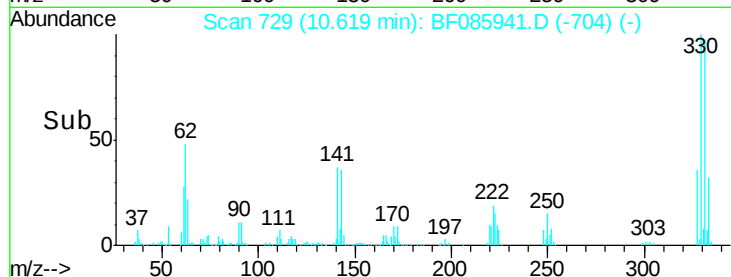
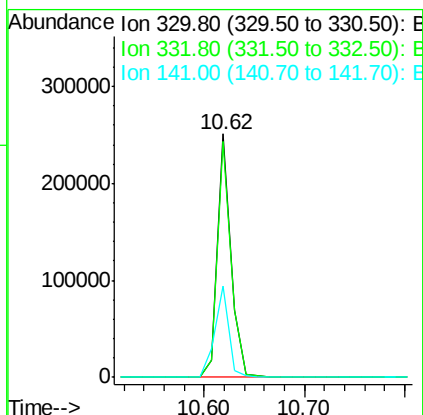
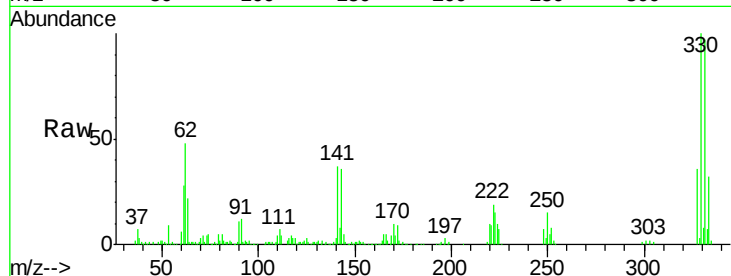




#41
 2,4,6-Tribromophenol
 Concen: 127.60 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085941.D
 Acq: 31 Mar 2016 21:45

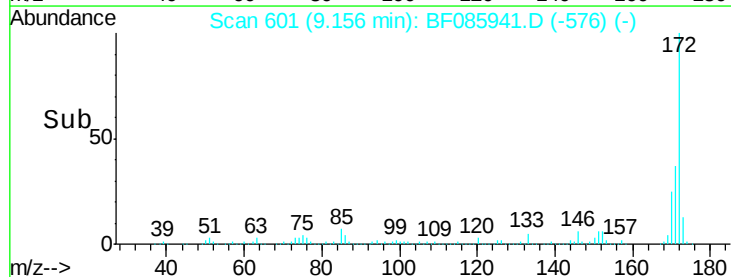
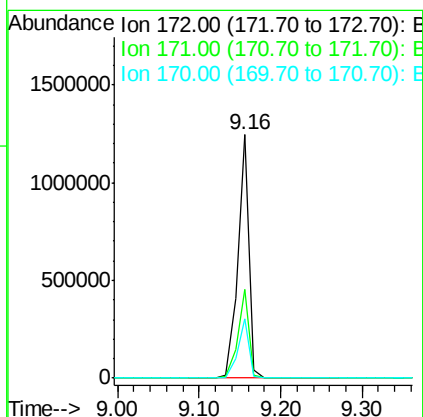
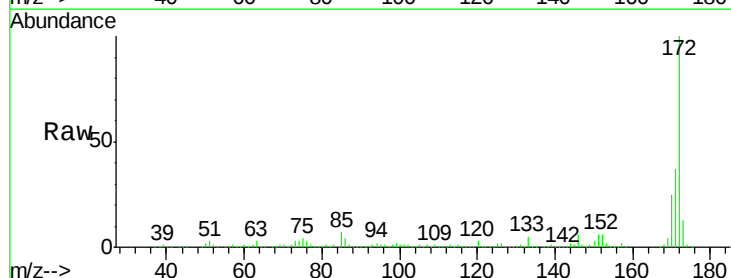
Instrument :
 BNA_F
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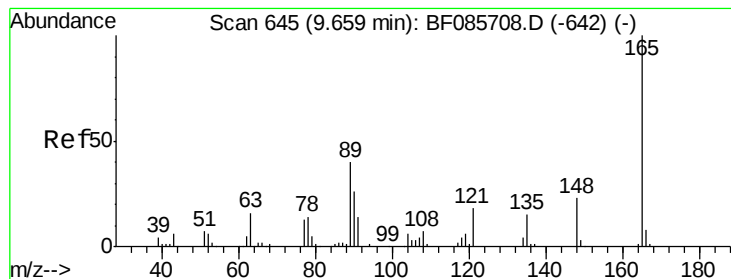
Tgt Ion:330 Resp: 236252
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.2 117.2
 141 38.3 31.5 47.3



#44
 2-Fluorobiphenyl
 Concen: 101.47 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085941.D
 Acq: 31 Mar 2016 21:45

Tgt Ion:172 Resp: 1183527
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.6 19.8 29.6





#50

2,6-Dinitrotoluene

Concen: 8.29 ng

RT: 9.83 min Scan# 660

Delta R.T. 0.19 min

Lab File: BF085941.D

Acq: 31 Mar 2016 21:45

Instrument :

BNA_F

ClientSampleId :

MW-8

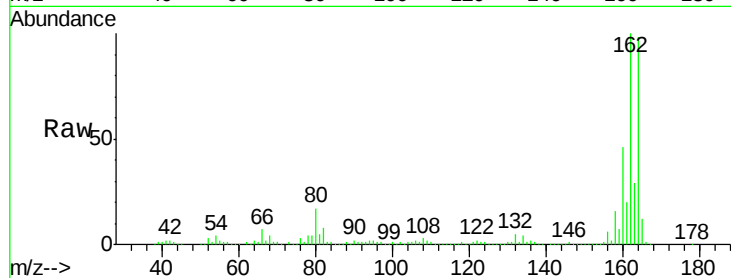
Tgt Ion:165 Resp: 26392

Ion Ratio Lower Upper

165 100

63 1.9 51.8 77.8#

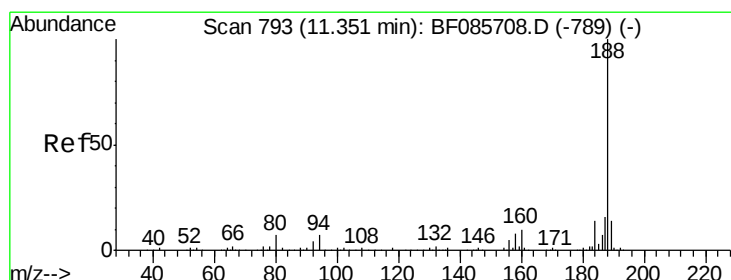
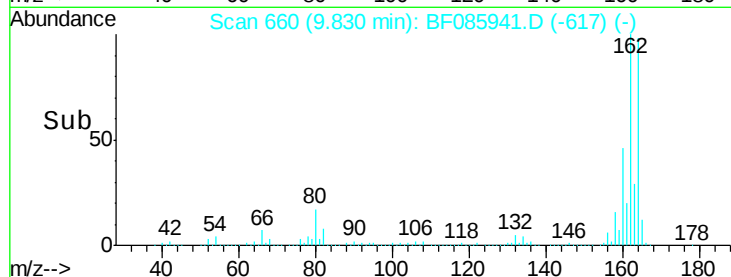
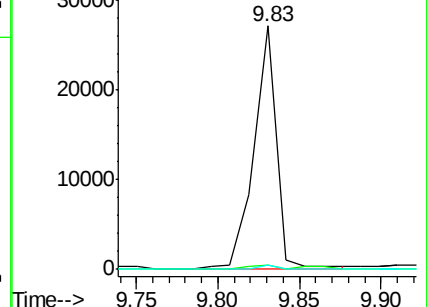
89 1.9 53.7 80.5#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF085941.D

Acq: 31 Mar 2016 21:45

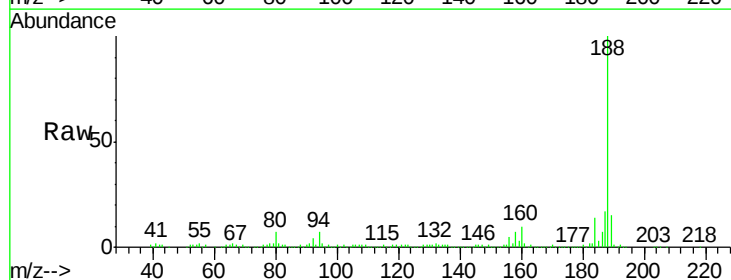
Tgt Ion:188 Resp: 302648

Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.0

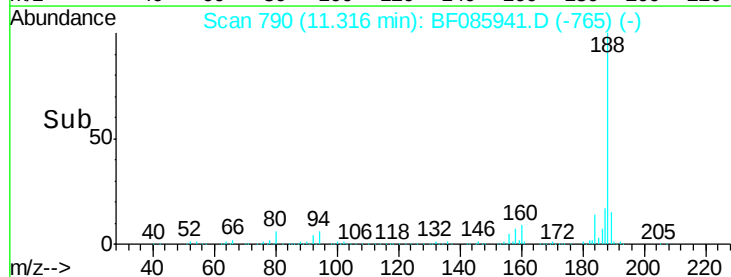
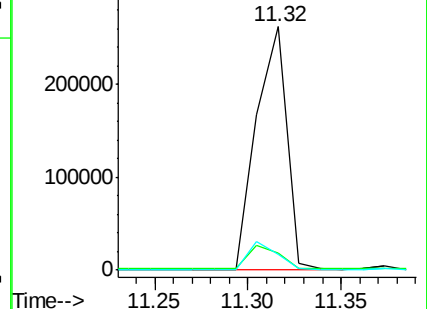
80 6.6 5.5 8.3

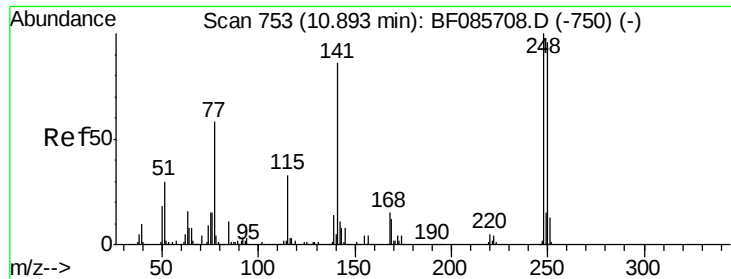


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

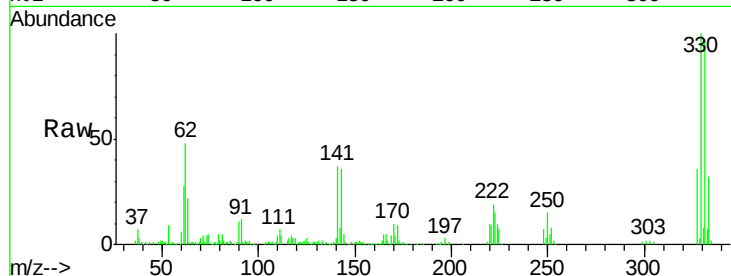




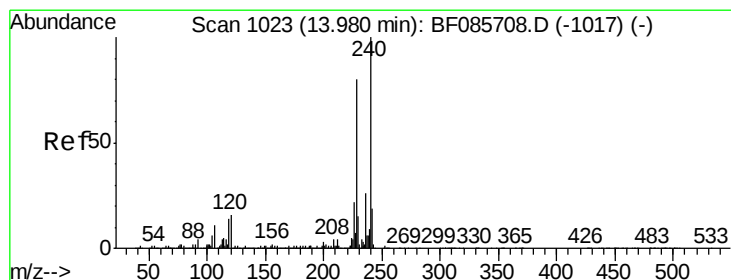
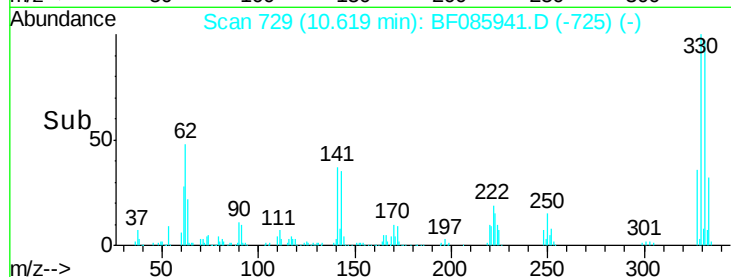
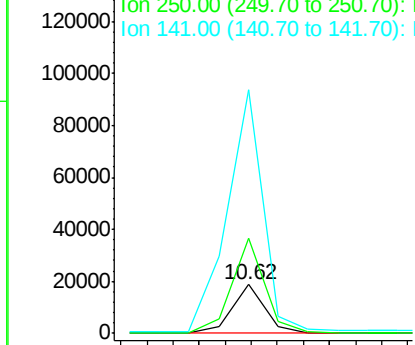
#66
4-Bromophenyl-phenylether
Concen: 5.27 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.25 min
Lab File: BF085941.D
Acq: 31 Mar 2016 21:45

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion:248 Resp: 16325
Ion Ratio Lower Upper
248 100
250 196.1 77.4 116.0#
141 499.1 63.6 95.4#

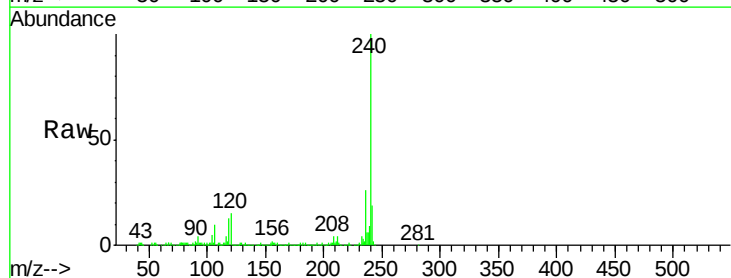


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

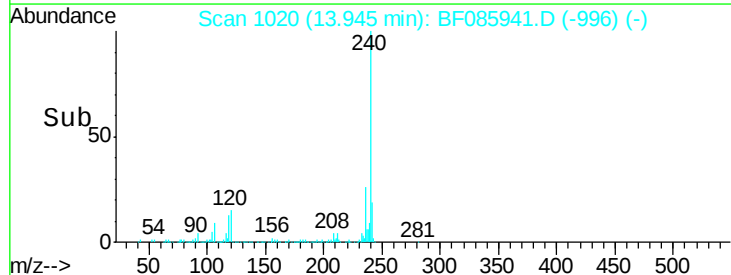
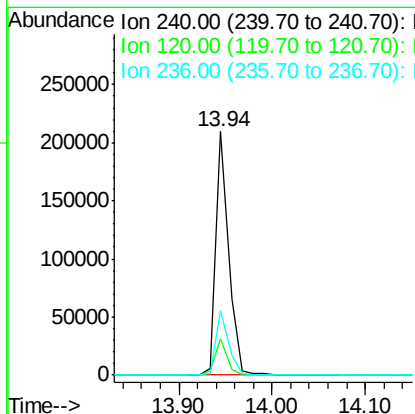


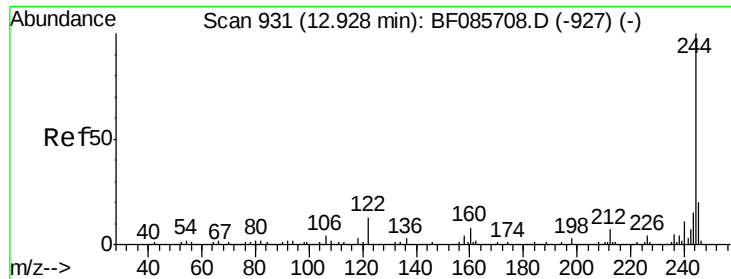
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF085941.D
Acq: 31 Mar 2016 21:45

Tgt Ion:240 Resp: 198878
Ion Ratio Lower Upper
240 100
120 15.0 13.8 20.8
236 26.5 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

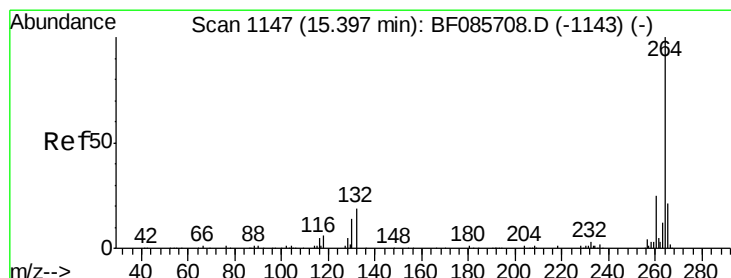
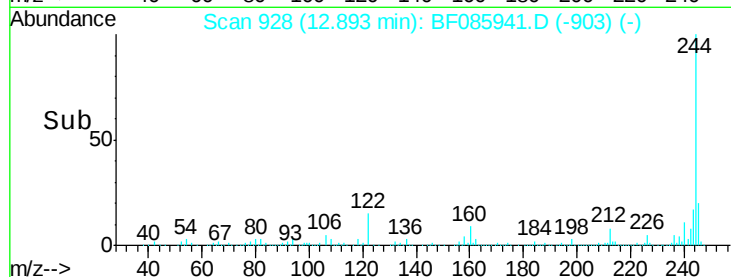
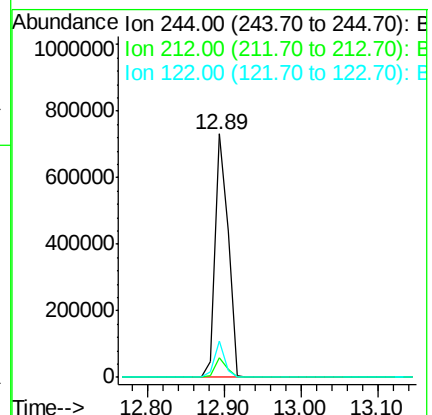
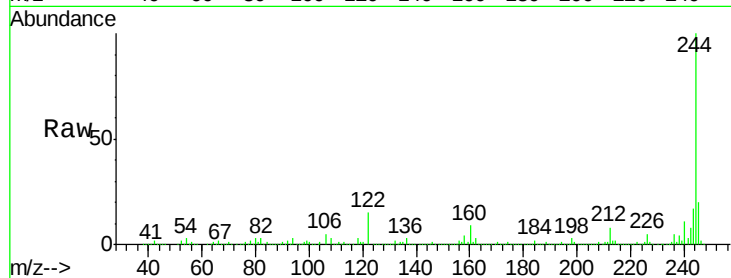




#78
 Terphenyl-d14
 Concen: 87.55 ng
 RT: 12.89 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF085941.D
 Acq: 31 Mar 2016 21:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Tgt Ion:244 Resp: 846589
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 14.9 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF085941.D
 Acq: 31 Mar 2016 21:45

Tgt Ion:264 Resp: 195030
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 21.4 17.2 25.8

