

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085930.D
 Acq On : 31 Mar 2016 16:28
 Operator : UM/SJ
 Sample : H1954-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Mar 31 21:45:56 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

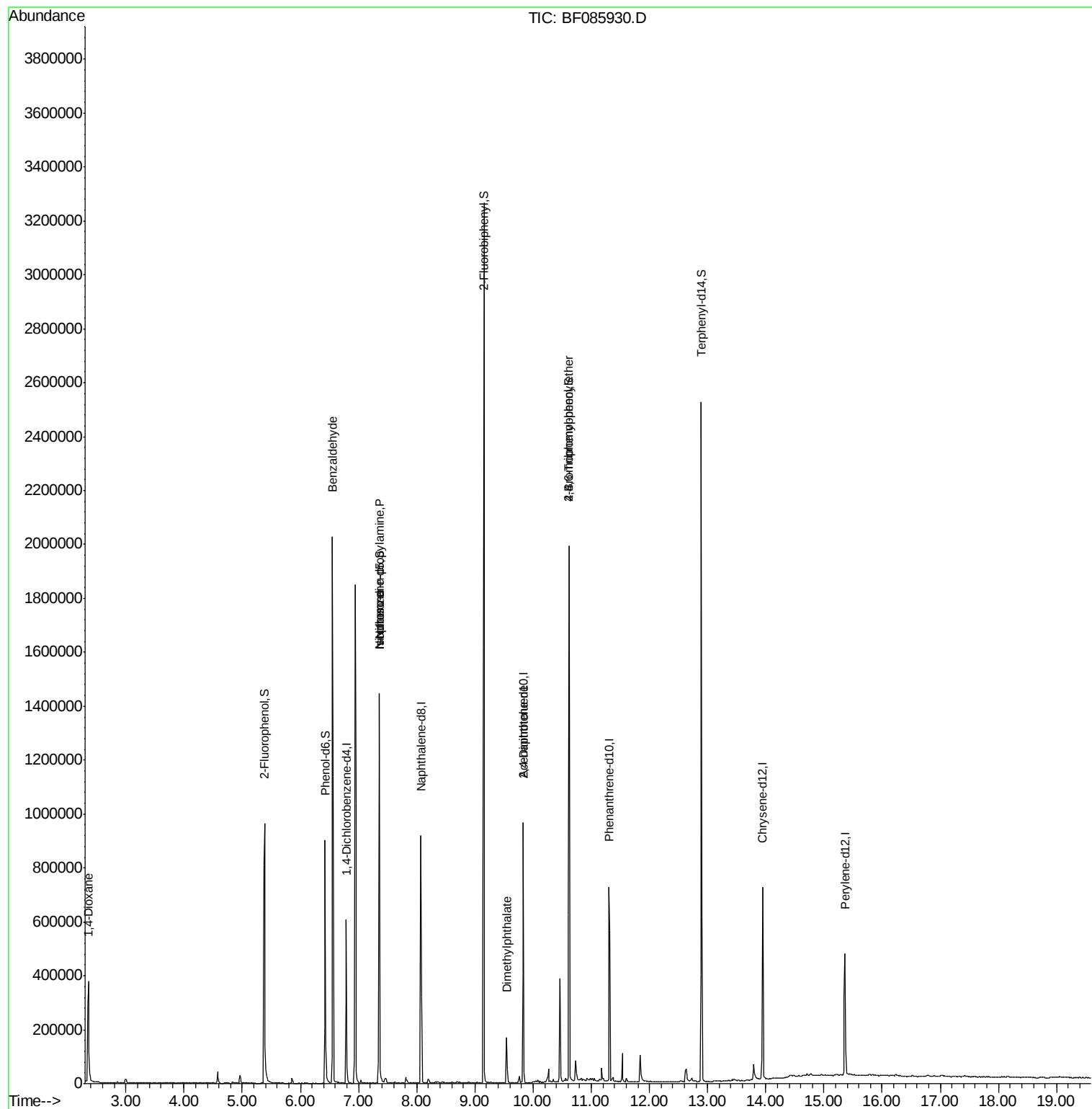
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	112564	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	443918	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	206930	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	353414	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	227932	20.00	ng	-0.02
86) Perylene-d12	15.36	264	214600	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	436672	64.61	ng	-0.01
7) Phenol-d6	6.42	99	360011	41.89	ng	-0.02
23) Nitrobenzene-d5	7.36	82	691542	87.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	239427	121.78	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1178361	95.14	ng	-0.01
78) Terphenyl-d14	12.89	244	797430	71.95	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.36	88	226409	70.15	ng	99
9) Benzaldehyde	6.55	77	15034	2.90	ng	# 78
19) n-Nitroso-di-n-propylamine	7.36	70	90112	17.51	ng	# 74
25) Isophorone	7.36	82	675037	44.45	ng	# 68
49) Dimethylphthalate	9.54	163	68929	4.39	ng	# 99
56) 2,4-Dinitrotoluene	9.83	165	26276	6.12	ng	# 37
66) 4-Bromophenyl-phenylether	10.62	248	16755	4.63	ng	# 1

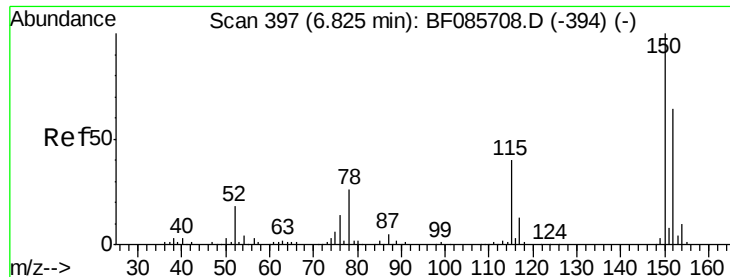
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085930.D

Acq: 31 Mar 2016 16:28

Instrument :

BNA_F

ClientSampled :

MW-2

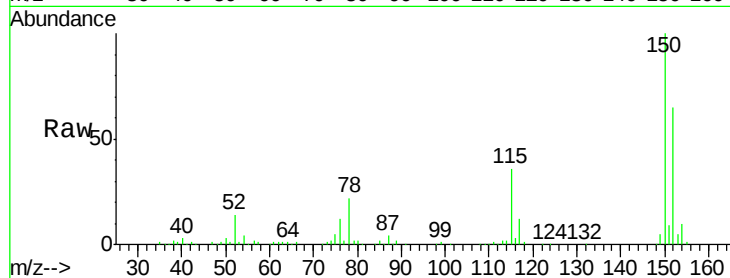
Tgt Ion:152 Resp: 112564

Ion Ratio Lower Upper

152 100

150 152.8 124.2 186.2

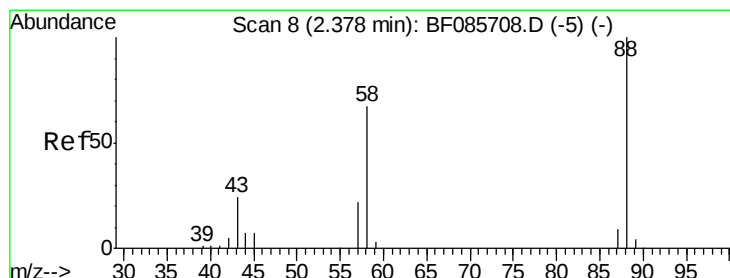
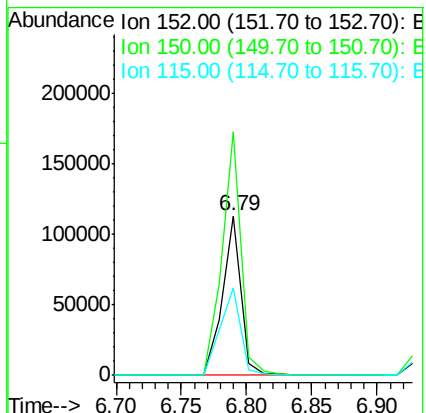
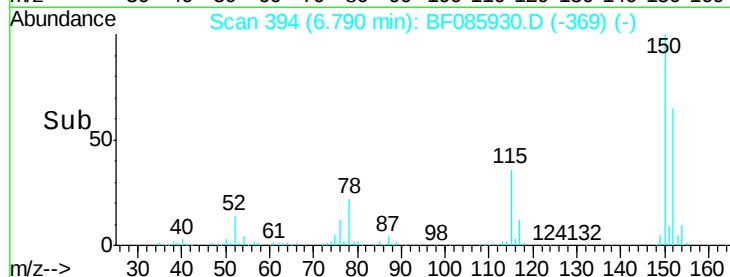
115 54.7 47.0 70.6



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



#2

1,4-Dioxane

Concen: 70.15 ng

RT: 2.36 min Scan# 6

Delta R.T. 0.02 min

Lab File: BF085930.D

Acq: 31 Mar 2016 16:28

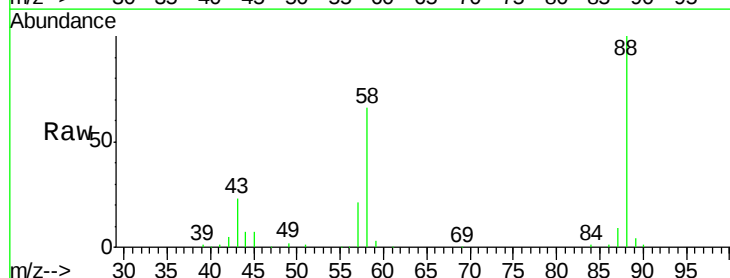
Tgt Ion: 88 Resp: 226409

Ion Ratio Lower Upper

88 100

58 67.2 54.2 81.2

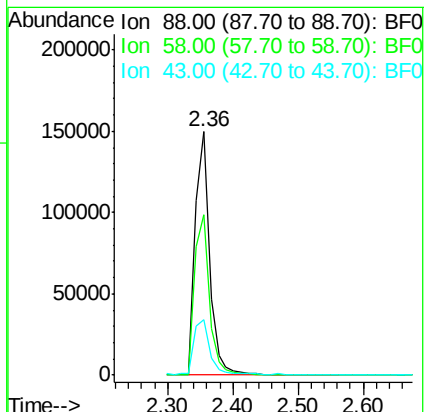
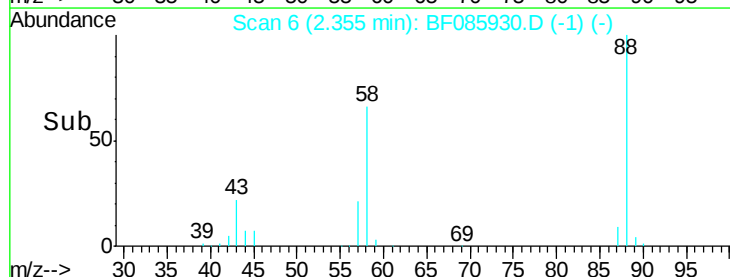
43 24.3 19.3 28.9

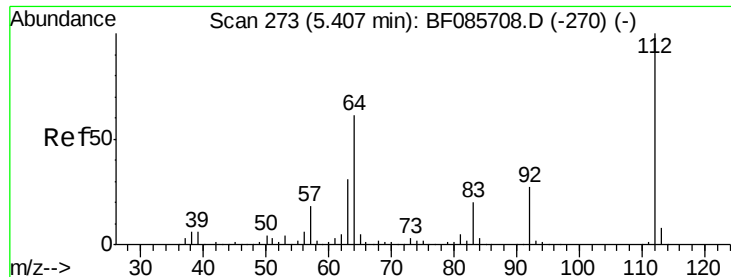


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 64.61 ng

RT: 5.38 min Scan# 271

Delta R.T. -0.01 min

Lab File: BF085930.D

Acq: 31 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

MW-2

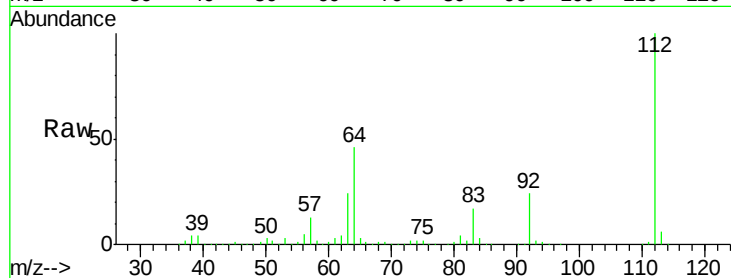
Tgt Ion: 112 Resp: 436672

Ion Ratio Lower Upper

112 100

64 46.3 39.9 59.9

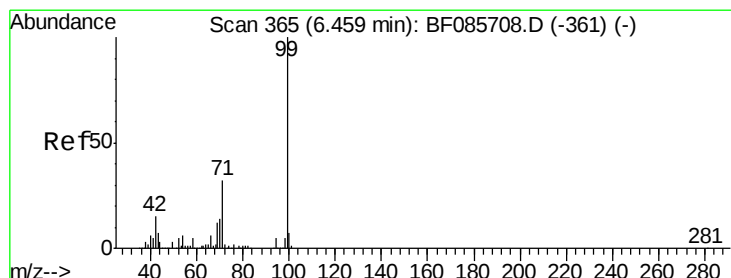
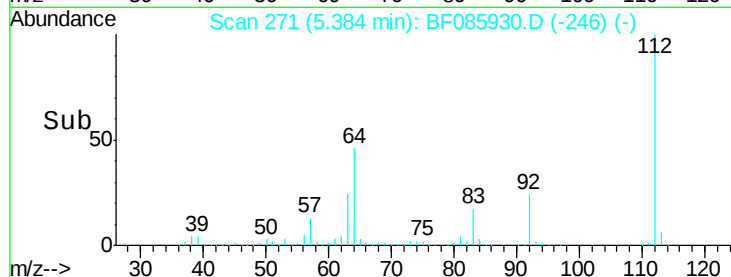
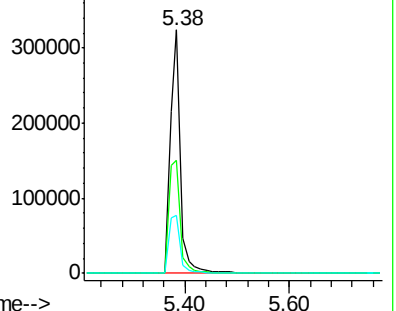
63 23.9 20.2 30.2



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: 41.89 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085930.D

Acq: 31 Mar 2016 16:28

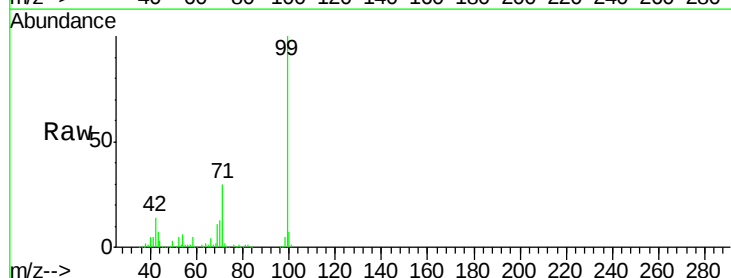
Tgt Ion: 99 Resp: 360011

Ion Ratio Lower Upper

99 100

42 13.7 11.1 16.7

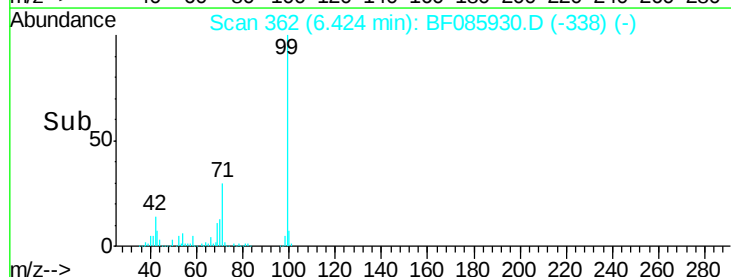
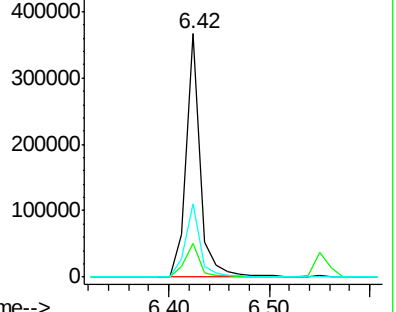
71 30.2 24.9 37.3

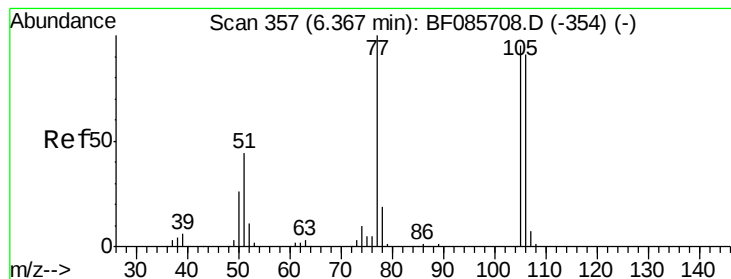


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 2.90 ng

RT: 6.55 min Scan# 373

Delta R.T. 0.21 min

Lab File: BF085930.D

Acq: 31 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

MW-2

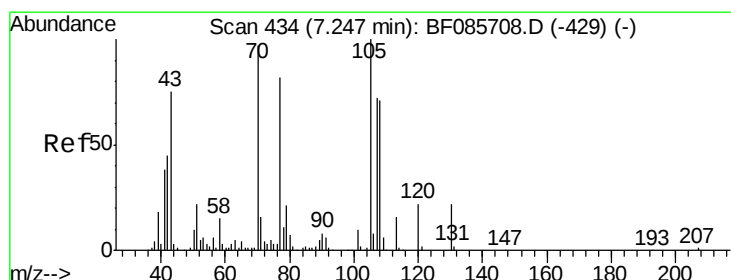
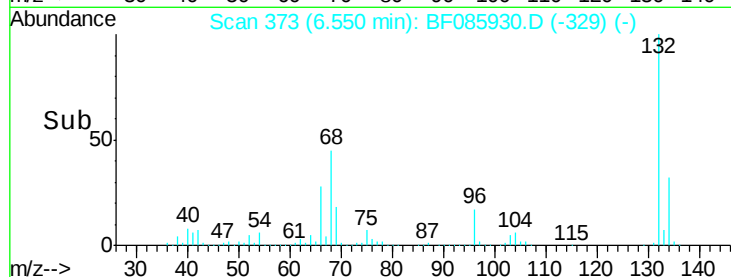
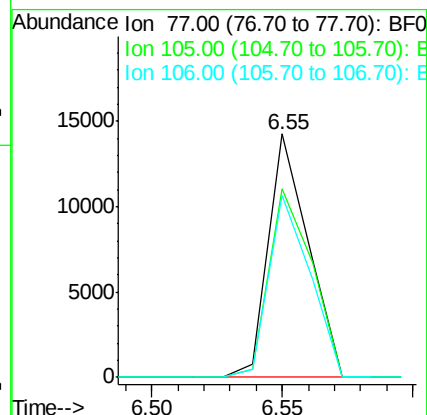
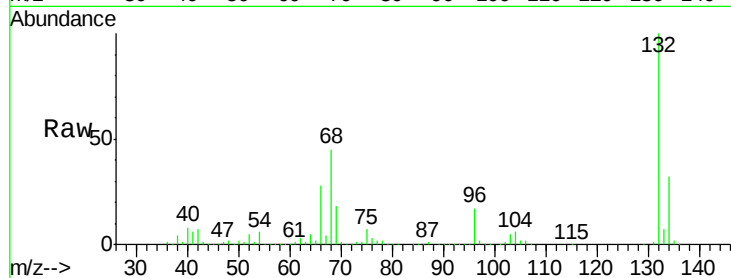
Tgt Ion: 77 Resp: 15034

Ion Ratio Lower Upper

77 100

105 77.4 80.1 120.1#

106 74.7 75.0 115.0#



#19

n-Nitroso-di-n-propylamine

Concen: 17.51 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF085930.D

Acq: 31 Mar 2016 16:28

Tgt Ion: 70 Resp: 90112

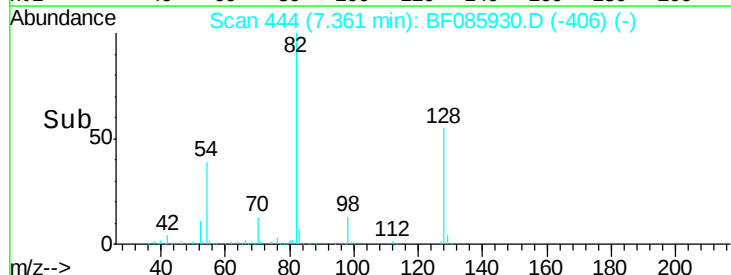
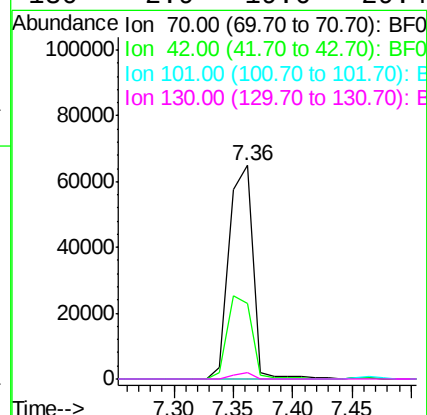
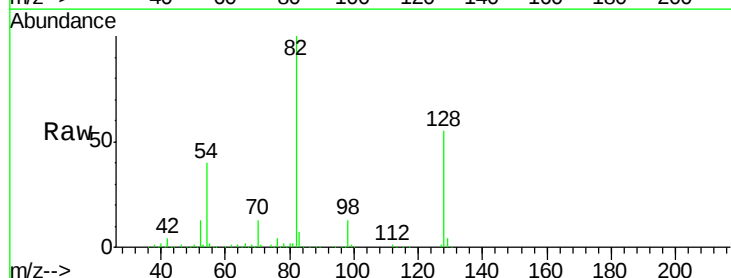
Ion Ratio Lower Upper

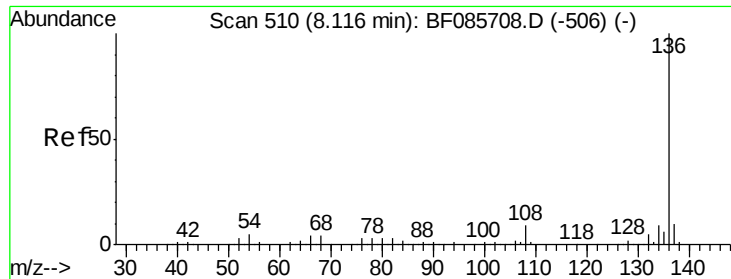
70 100

42 35.4 37.1 55.7#

101 0.0 8.6 12.8#

130 2.9 19.6 29.4#

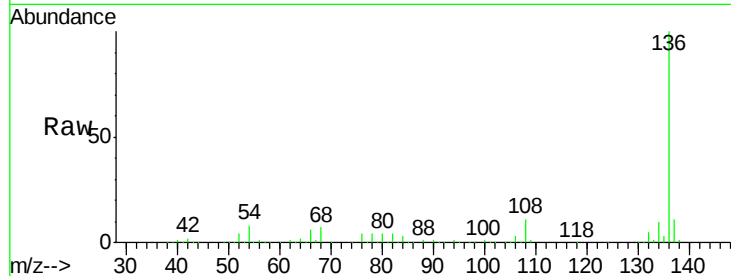




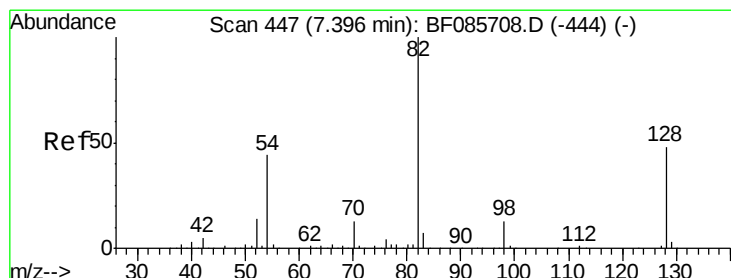
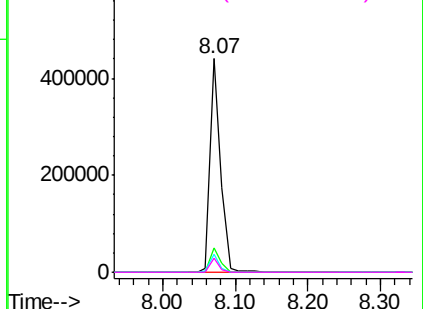
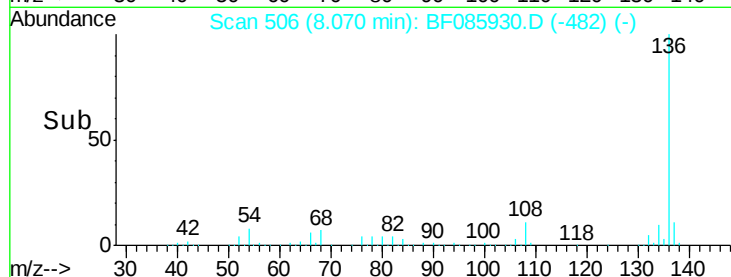
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085930.D
Acq: 31 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:	136	Resp:	443918
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.3	7.4	11.0
68	6.7	5.8	8.8

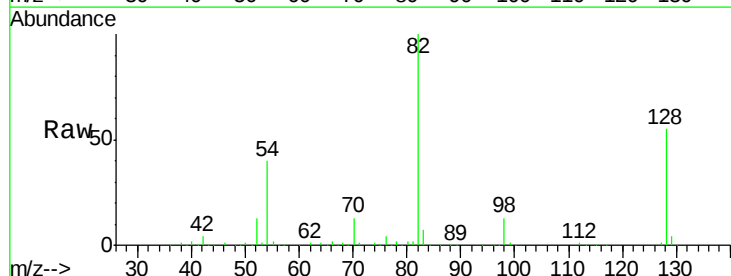


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

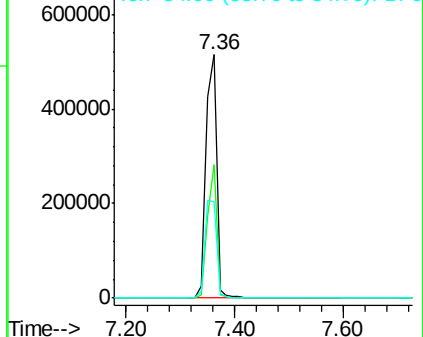
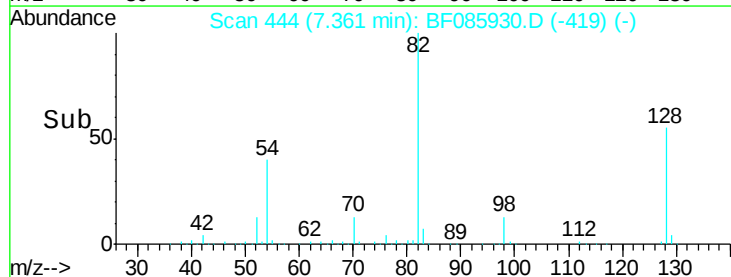


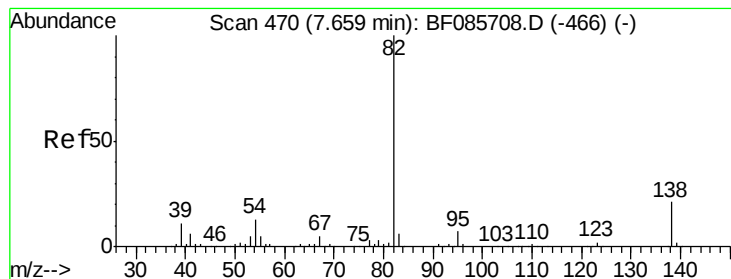
#23
Nitrobenzene-d5
Concen: 87.73 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085930.D
Acq: 31 Mar 2016 16:28

Tgt Ion:	82	Resp:	691542
Ion	Ratio	Lower	Upper
82	100		
128	54.9	41.8	62.8
54	39.7	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: 44.45 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.27 min

Lab File: BF085930.D

Acq: 31 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

MW-2

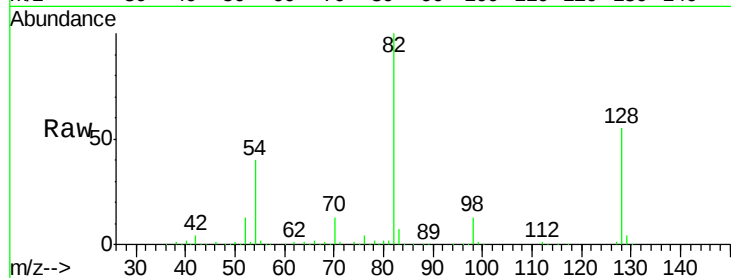
Tgt Ion: 82 Resp: 675037

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

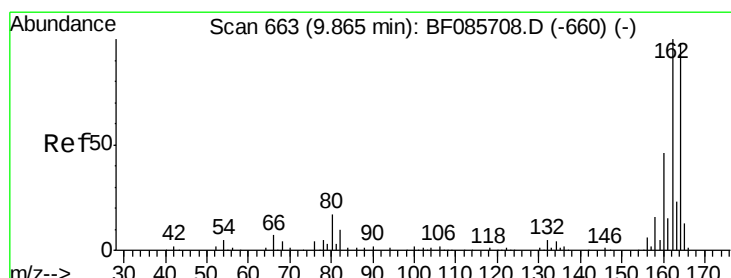
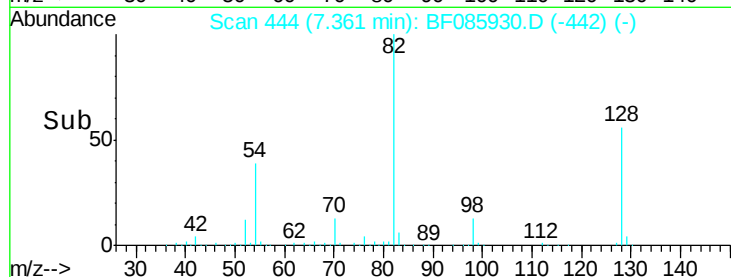
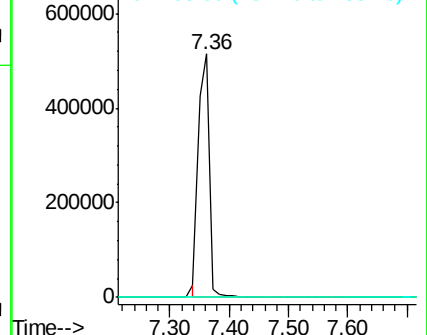
138 0.0 12.9 19.3#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF085930.D

Acq: 31 Mar 2016 16:28

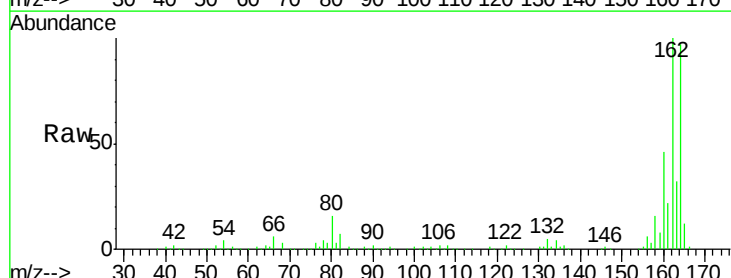
Tgt Ion: 164 Resp: 206930

Ion Ratio Lower Upper

164 100

162 103.5 82.1 123.1

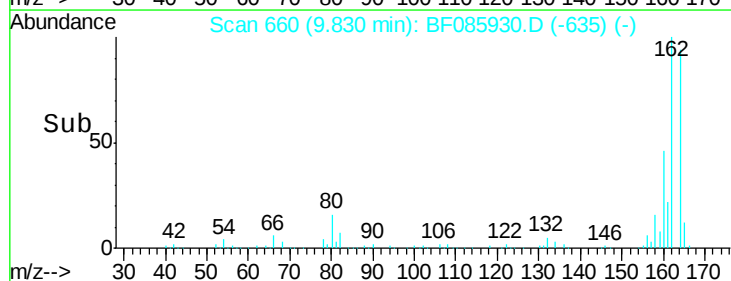
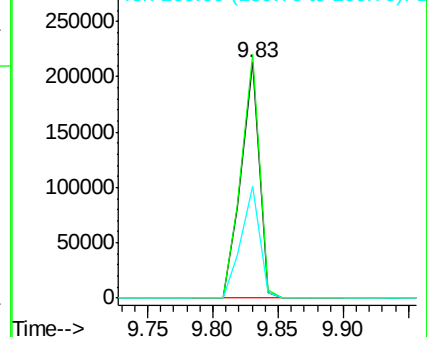
160 47.4 37.4 56.2

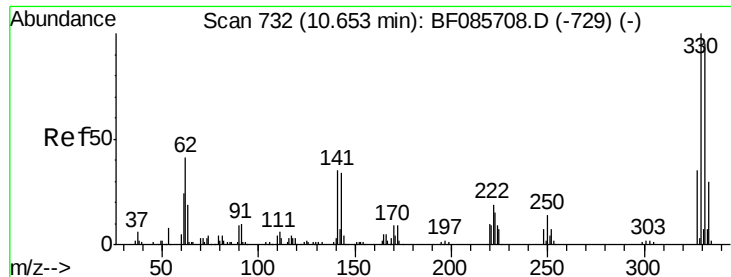


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

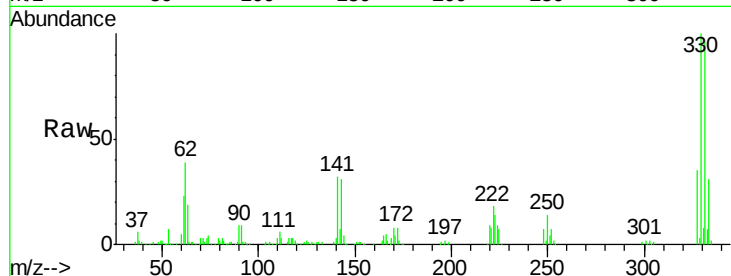




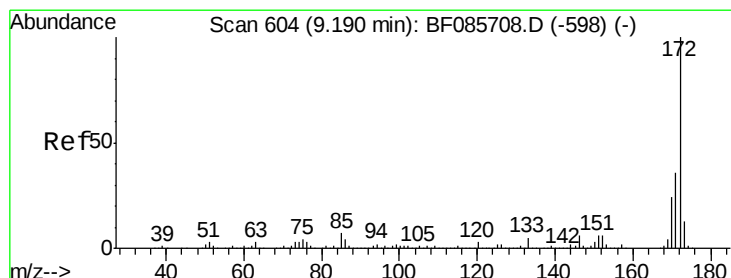
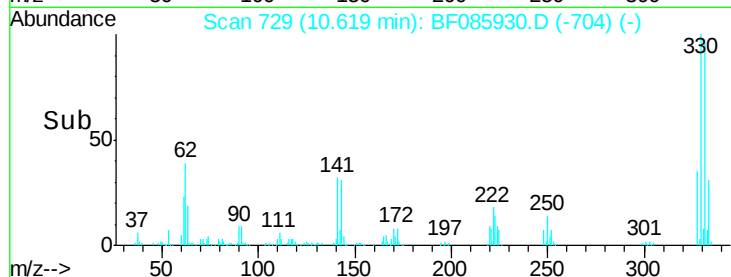
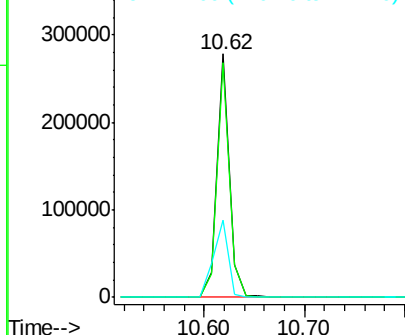
#41
 2,4,6-Tribromophenol
 Concen: 121.78 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085930.D
 Acq: 31 Mar 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:330 Resp: 239427
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.2 117.2
 141 38.2 31.5 47.3

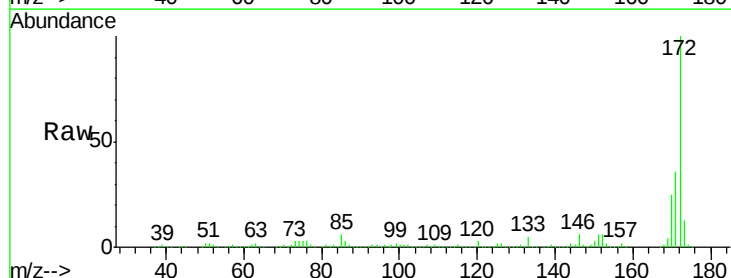


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

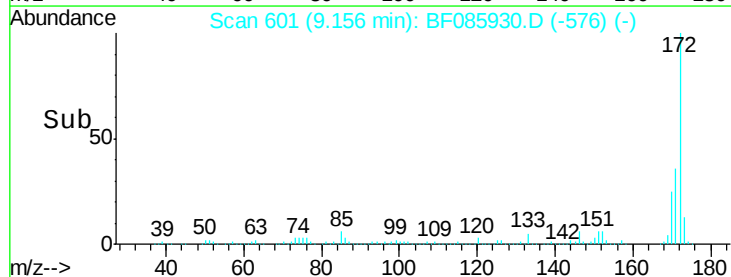
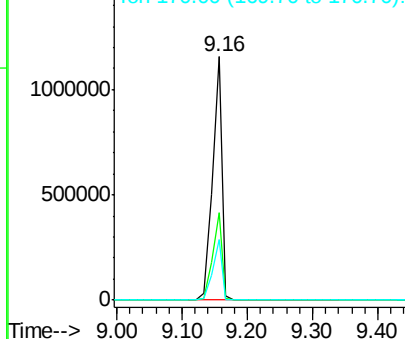


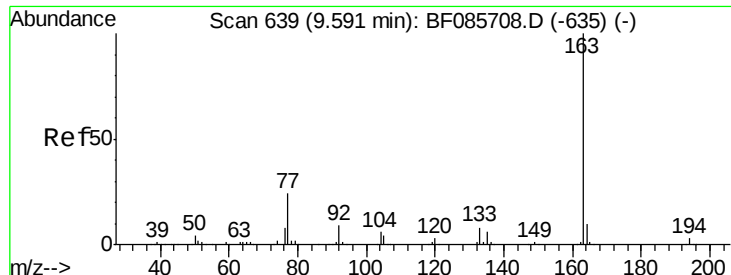
#44
 2-Fluorobiphenyl
 Concen: 95.14 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085930.D
 Acq: 31 Mar 2016 16:28

Tgt Ion:172 Resp: 1178361
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.2
 170 24.7 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





#49

Dimethylphthalate

Concen: 4.39 ng

RT: 9.54 min Scan# 635

Delta R.T. -0.02 min

Lab File: BF085930.D

Acq: 31 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

MW-2

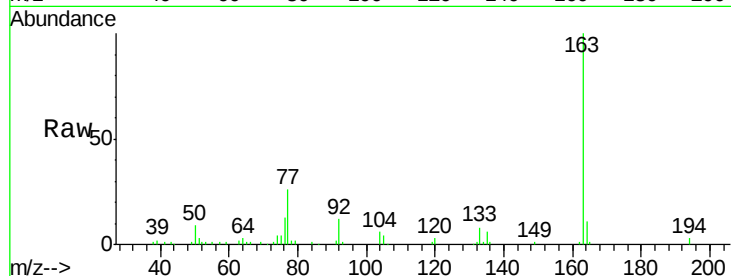
Tgt Ion:163 Resp: 68929

Ion Ratio Lower Upper

163 100

194 2.7 2.9 4.3#

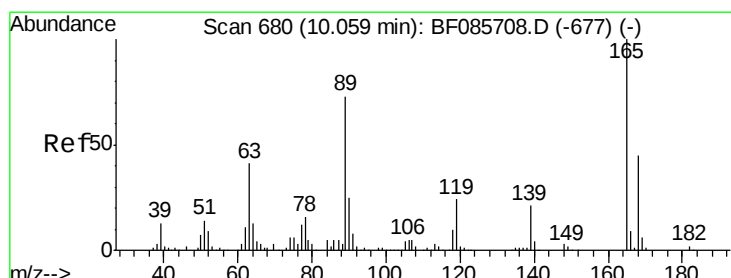
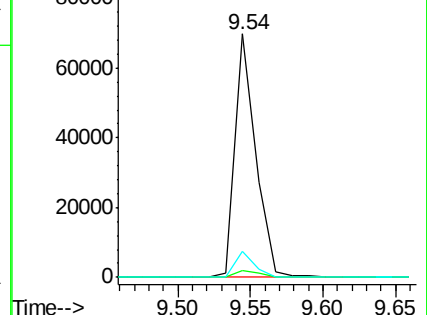
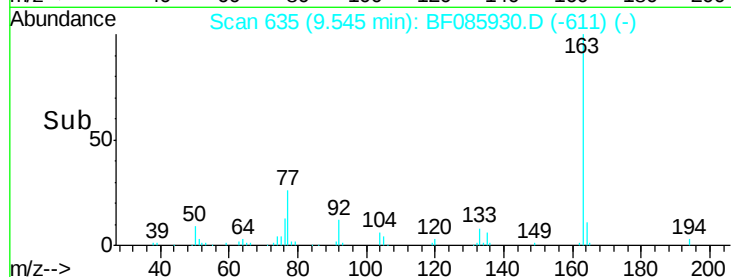
164 10.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.12 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.21 min

Lab File: BF085930.D

Acq: 31 Mar 2016 16:28

Tgt Ion:165 Resp: 26276

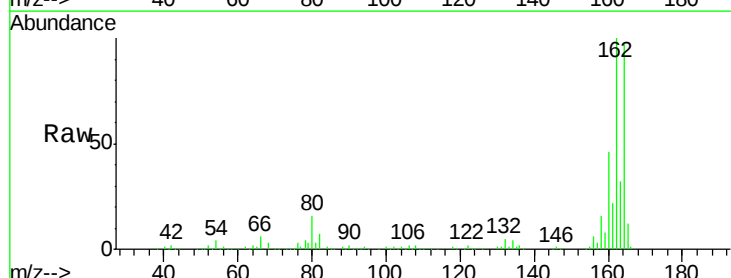
Ion Ratio Lower Upper

165 100

63 1.6 24.9 37.3#

89 1.9 41.0 61.6#

182 0.0 2.1 3.1#

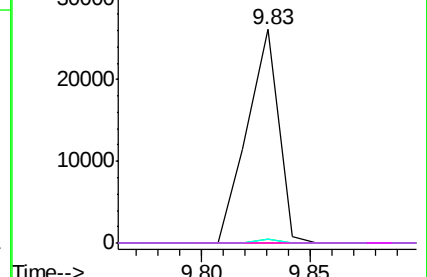
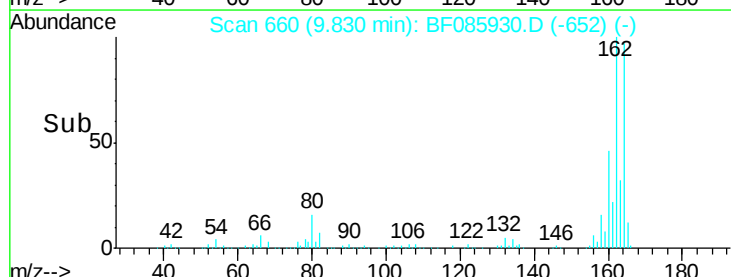


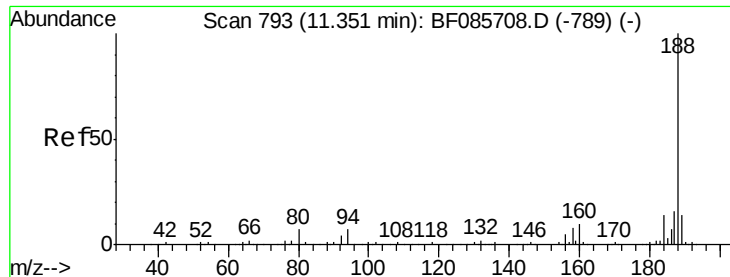
Abundance Ion 165.00 (164.70 to 165.70): E

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

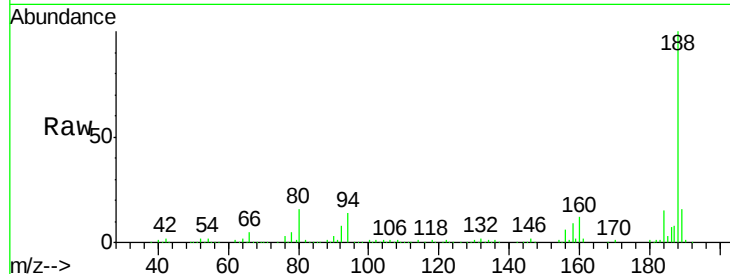




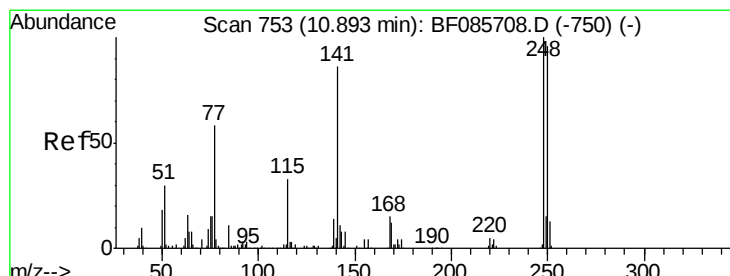
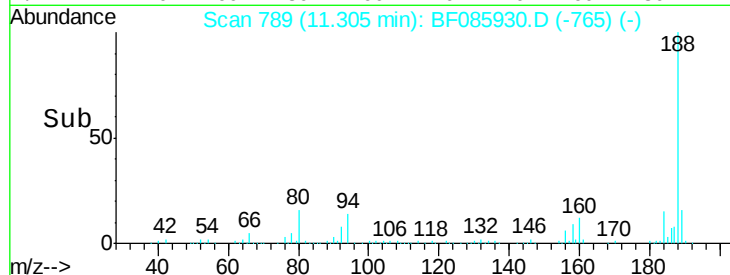
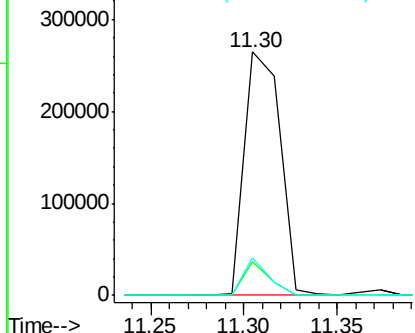
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF085930.D
Acq: 31 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:188 Resp: 353414
Ion Ratio Lower Upper
188 100
94 13.9 5.4 8.0#
80 15.6 5.5 8.3#

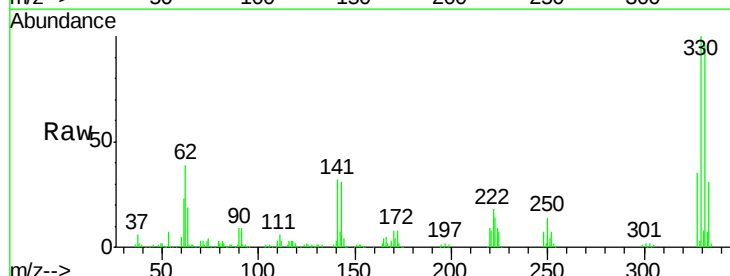


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

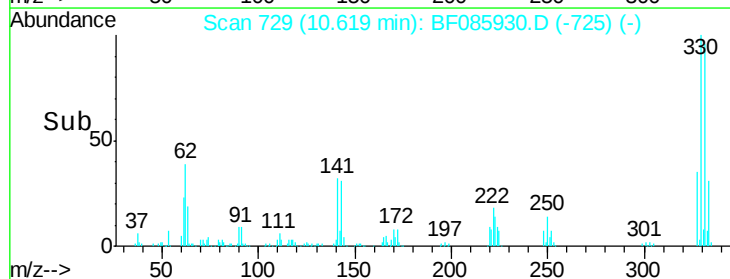
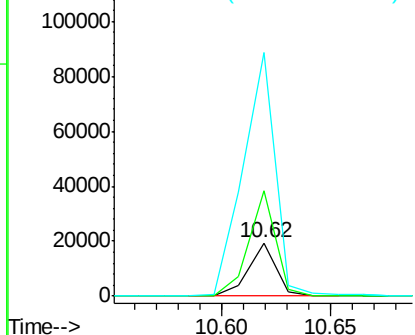


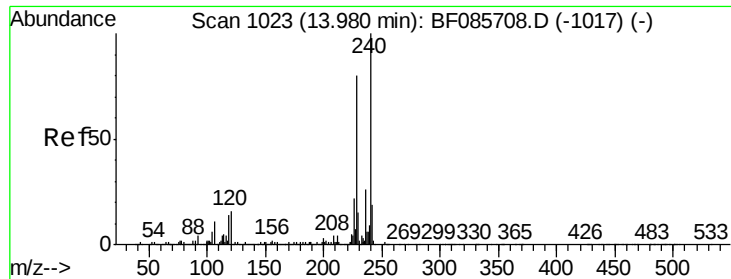
#66
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.25 min
Lab File: BF085930.D
Acq: 31 Mar 2016 16:28

Tgt Ion:248 Resp: 16755
Ion Ratio Lower Upper
248 100
250 198.6 77.4 116.0#
141 456.4 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: 13.95 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF085930.D

Acq: 31 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

MW-2

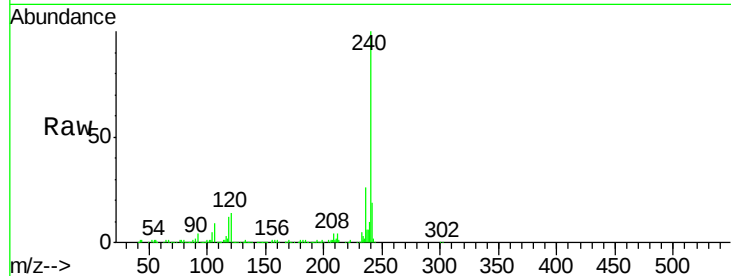
Tgt Ion:240 Resp: 227932

Ion Ratio Lower Upper

240 100

120 13.5 13.8 20.8#

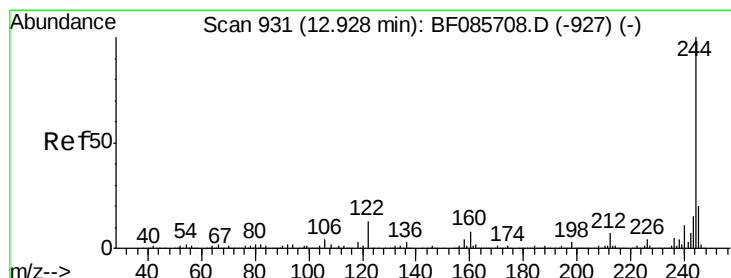
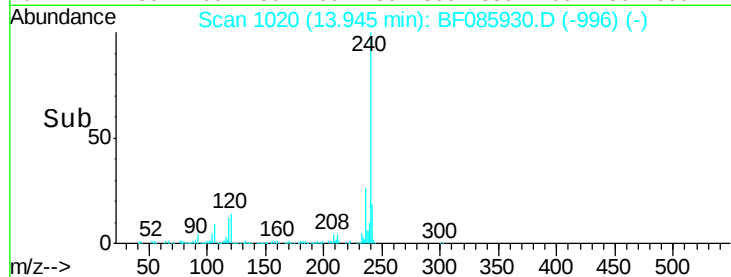
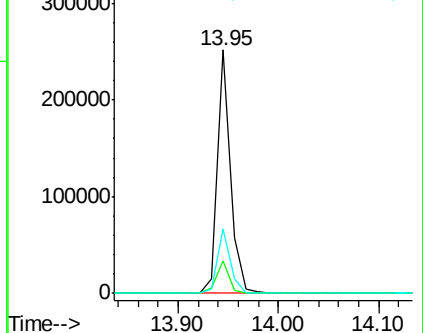
236 26.4 20.6 30.8



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: 71.95 ng

RT: 12.89 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF085930.D

Acq: 31 Mar 2016 16:28

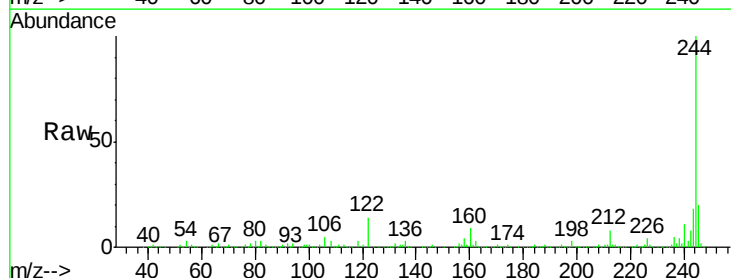
Tgt Ion:244 Resp: 797430

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

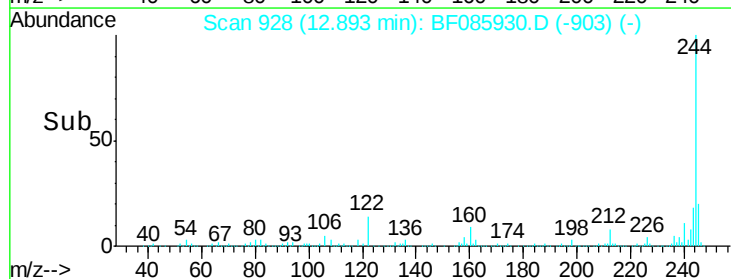
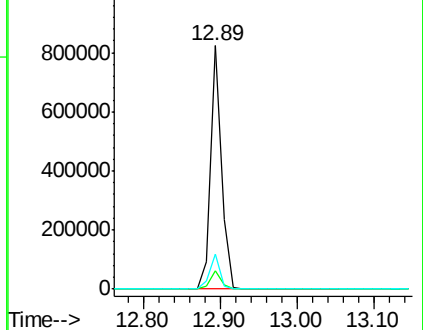
122 14.2 10.2 15.4

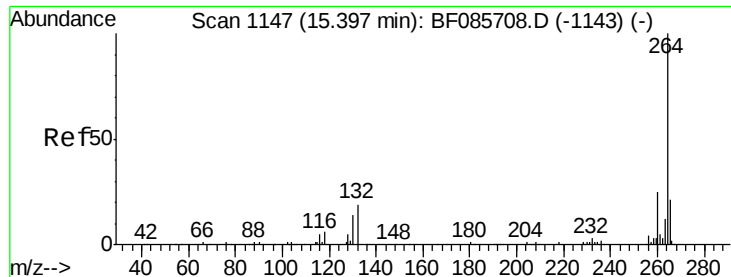


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

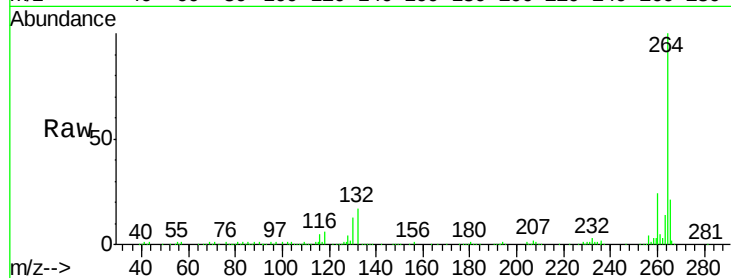




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF085930.D
Acq: 31 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion: 264 Resp: 214600
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 21.0 17.2 25.8



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

