

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020616\
 Data File : BF084915.D
 Acq On : 6 Feb 2016 16:49
 Operator : SJ/IZ
 Sample : H1338-01
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Feb 08 01:23:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

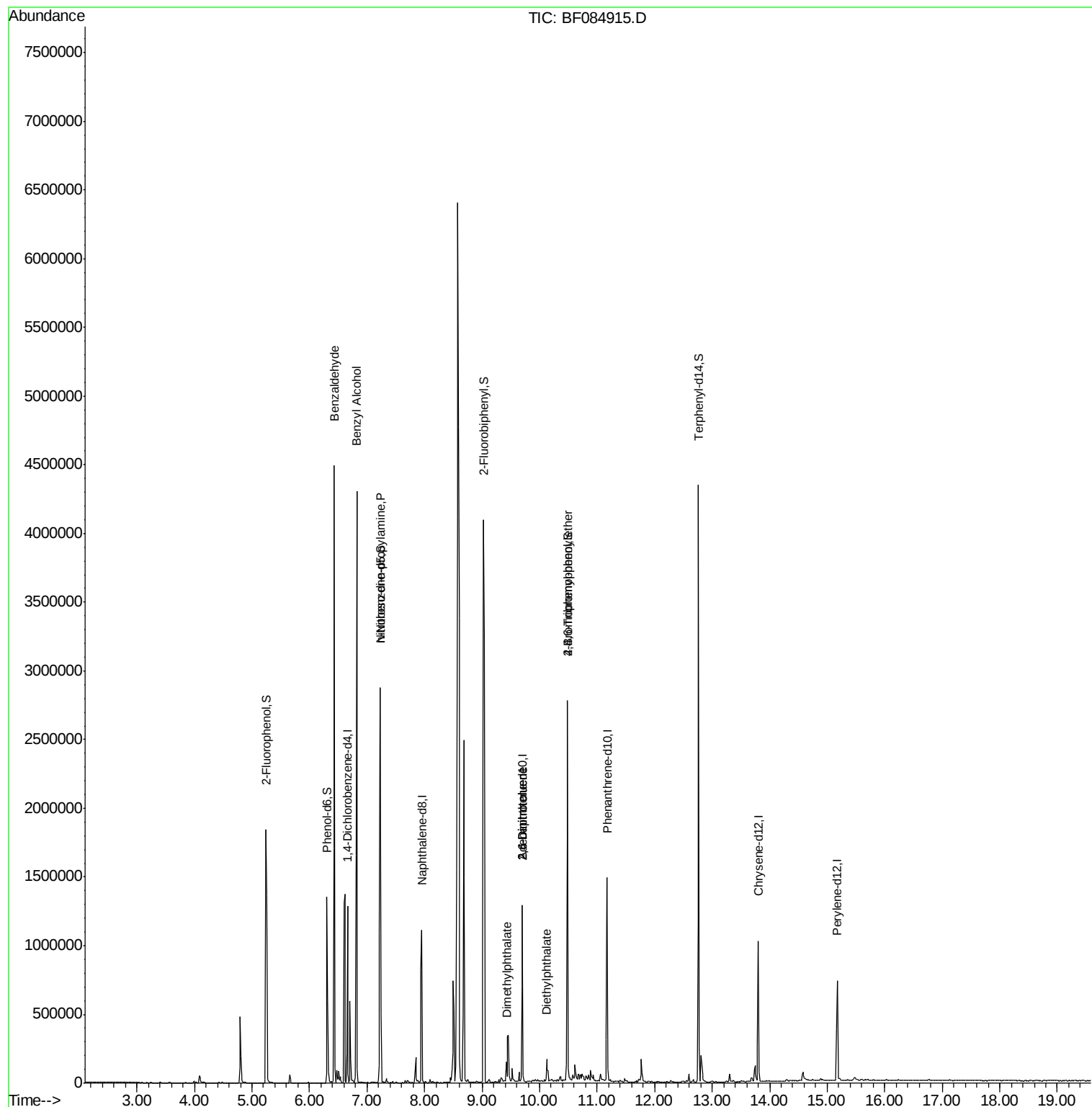
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	171187	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	671582	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	297410	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	510407	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	345666	20.00	ng	-0.03
86) Perylene-d12	15.17	264	323001	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	678644	61.75	ng	-0.03
7) Phenol-d6	6.30	99	521045	38.24	ng	-0.03
23) Nitrobenzene-d5	7.23	82	1001550	84.01	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	407728	131.43	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1899514	131.38	ng	-0.03
78) Terphenyl-d14	12.76	244	1275455	83.61	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.43	77	30176	3.75	ng	# 78
15) Benzyl Alcohol	6.82	79	20402	2.17	ng	# 43
19) n-Nitroso-di-n-propylamine	7.23	70	139927	16.38	ng	# 72
49) Dimethylphthalate	9.42	163	49082	2.17	ng	# 90
50) 2,6-Dinitrotoluene	9.70	165	39354	7.95	ng	# 38
56) 2,4-Dinitrotoluene	9.70	165	39354	6.24	ng	# 22
59) Diethylphthalate	10.12	149	56915	2.57	ng	# 96
66) 4-Bromophenyl-phenylether	10.49	248	26927	4.78	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084915.D

Acq: 6 Feb 2016 16:49

Instrument :

BNA_F

ClientSampleId :

MW-1

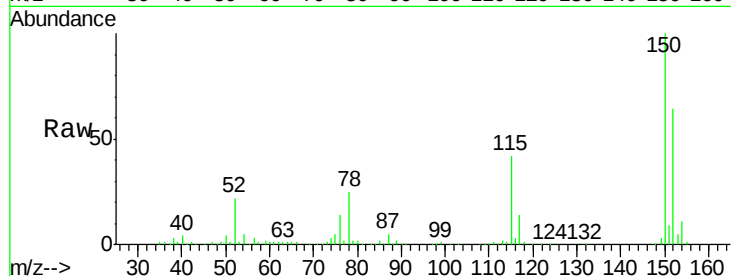
Tgt Ion:152 Resp: 171187

Ion Ratio Lower Upper

152 100

150 157.0 123.0 184.4

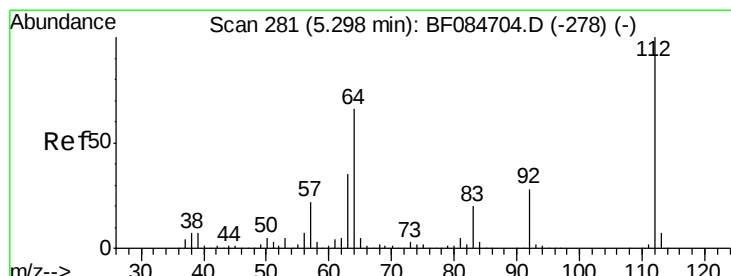
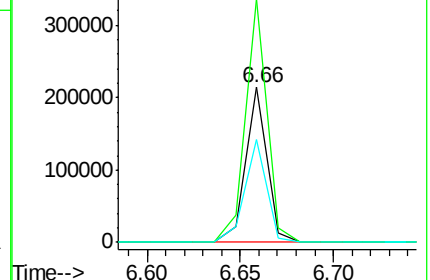
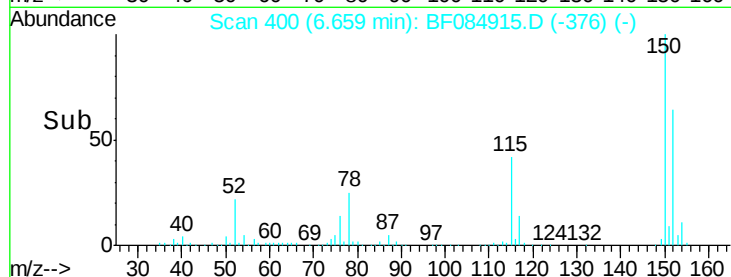
115 66.1 51.4 77.2



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: 61.75 ng

RT: 5.24 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF084915.D

Acq: 6 Feb 2016 16:49

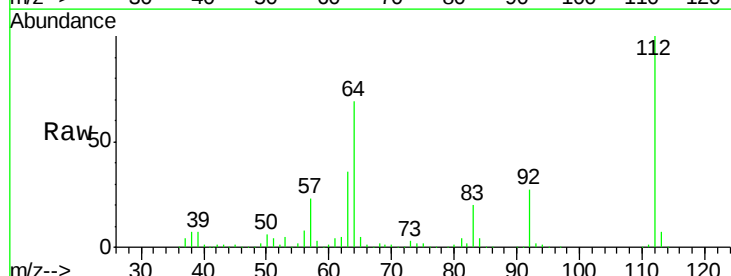
Tgt Ion:112 Resp: 678644

Ion Ratio Lower Upper

112 100

64 68.7 36.6 55.0#

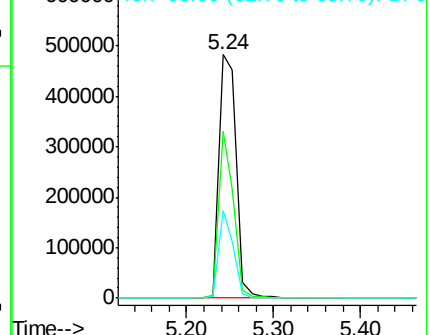
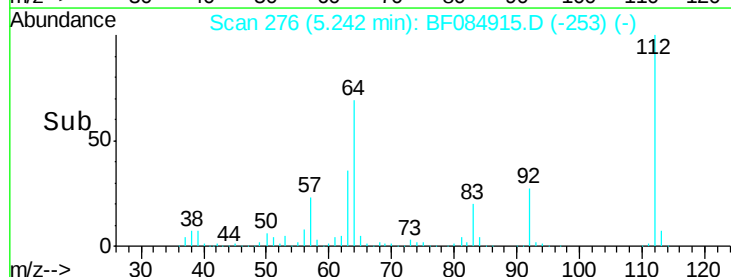
63 35.9 19.4 29.0#

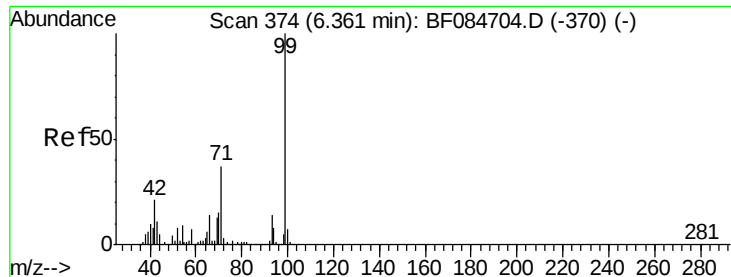


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.24 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF084915.D

Acq: 6 Feb 2016 16:49

Instrument :

BNA_F

ClientSampleId :

MW-1

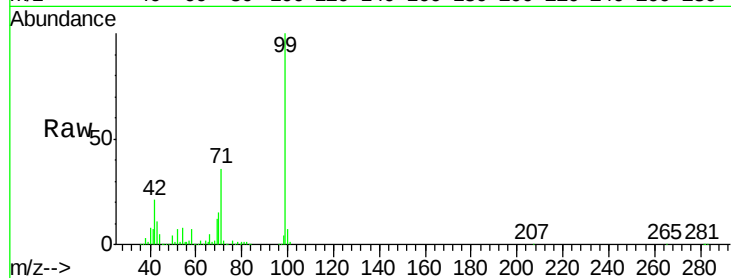
Tgt Ion: 99 Resp: 521045

Ion Ratio Lower Upper

99 100

42 21.1 12.8 19.2#

71 35.9 30.9 46.3



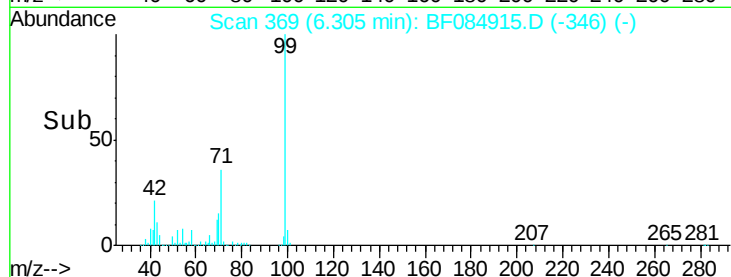
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

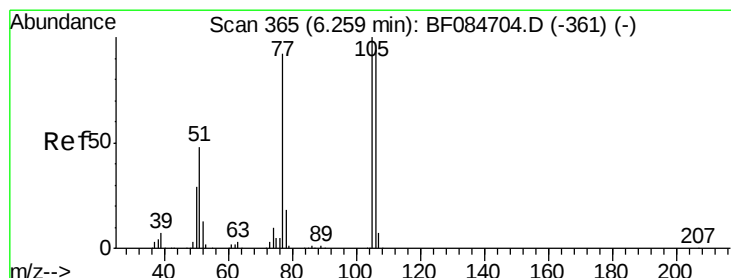
Ion 71.00 (70.70 to 71.70): BF0

6.30

6.40



Time-->



#9

Benzaldehyde

Concen: 3.75 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.19 min

Lab File: BF084915.D

Acq: 6 Feb 2016 16:49

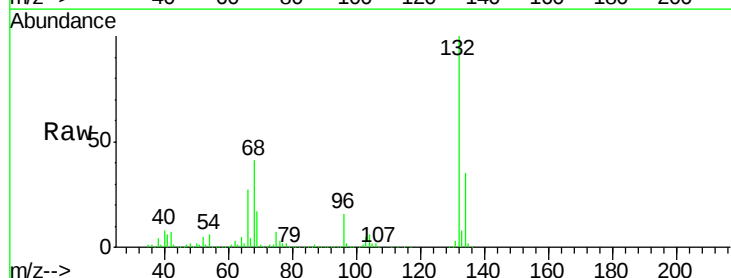
Tgt Ion: 77 Resp: 30176

Ion Ratio Lower Upper

77 100

105 80.4 83.0 123.0#

106 73.3 74.6 114.6#



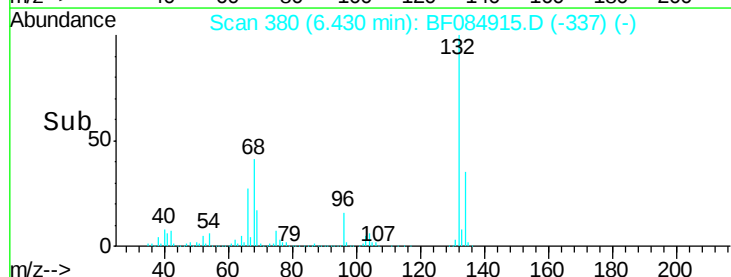
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

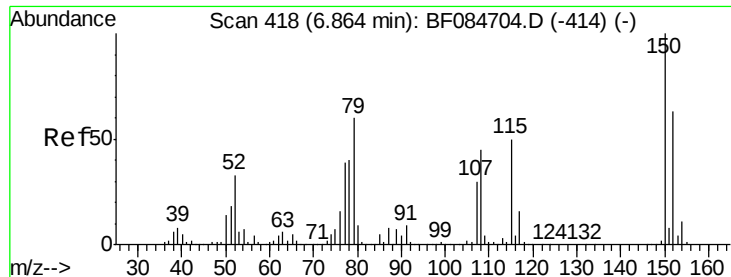
Ion 106.00 (105.70 to 106.70): E

6.43

6.45



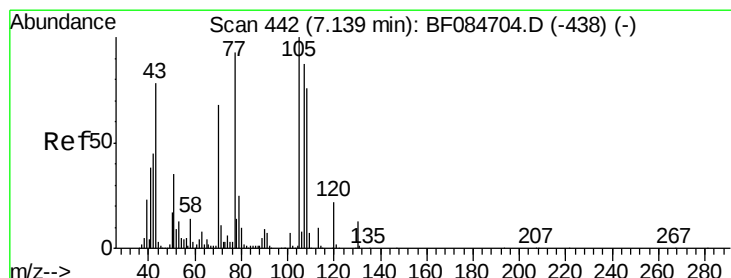
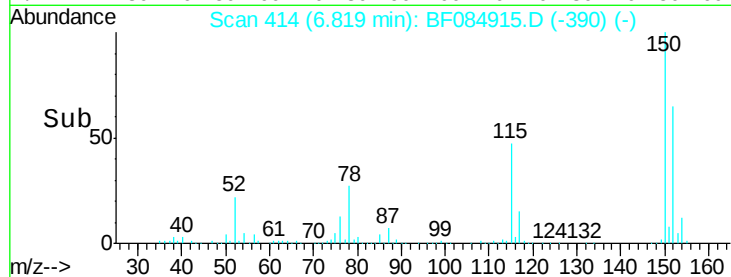
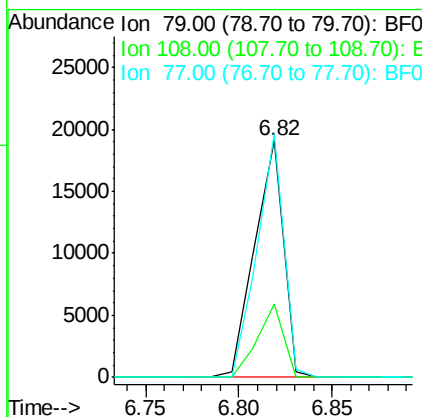
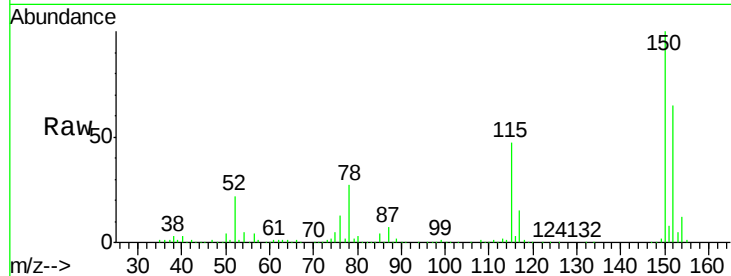
Time-->



#15
Benzyl Alcohol
Concen: 2.17 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF084915.D
Acq: 6 Feb 2016 16:49

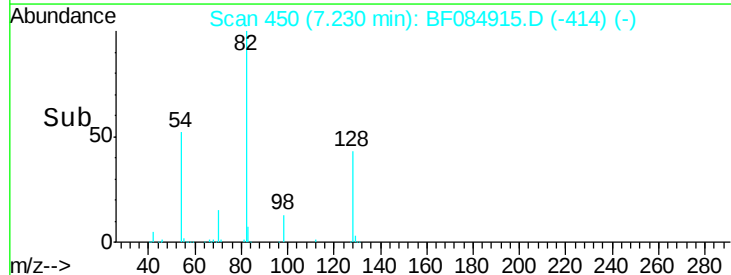
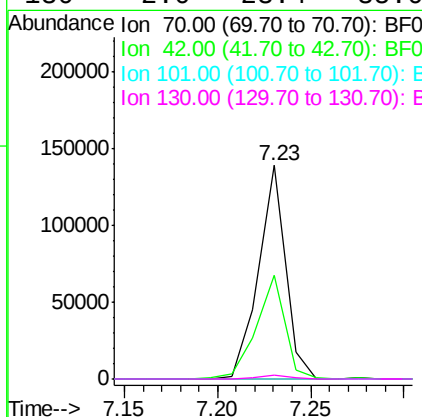
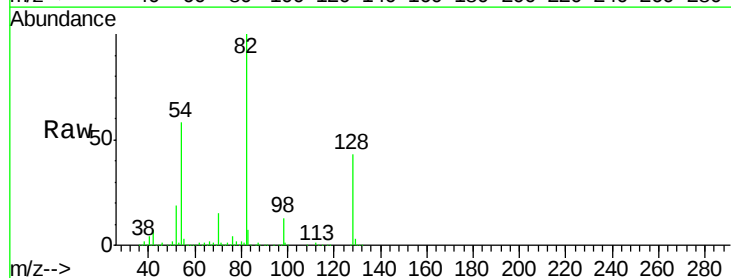
Instrument :
BNA_F
ClientSampled :
MW-1

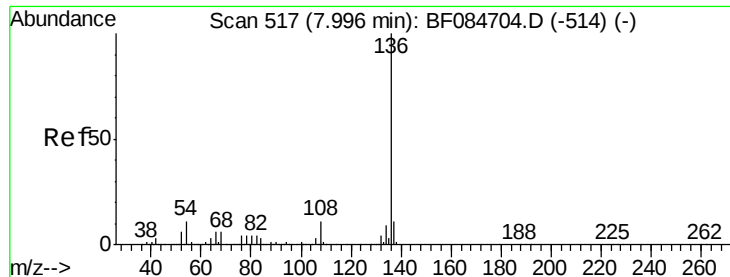
Tgt Ion: 79 Resp: 20402
Ion Ratio Lower Upper
79 100
108 31.0 69.0 103.4#
77 102.8 50.0 75.0#



#19
n-Nitroso-di-n-propylamine
Concen: 16.38 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084915.D
Acq: 6 Feb 2016 16:49

Tgt Ion: 70 Resp: 139927
Ion Ratio Lower Upper
70 100
42 48.3 33.3 49.9
101 0.0 9.3 13.9#
130 2.0 23.4 35.0#

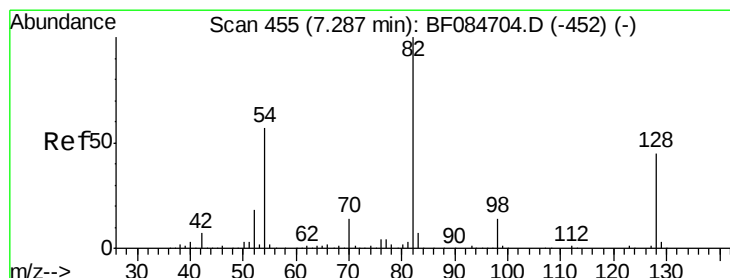
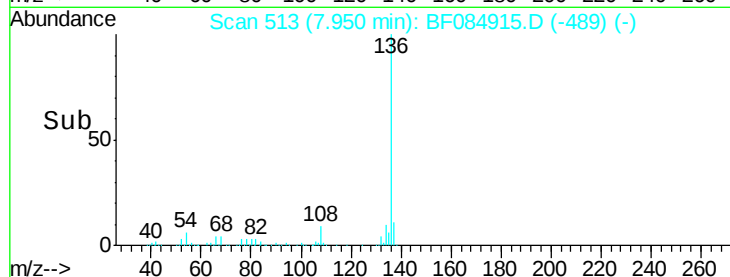
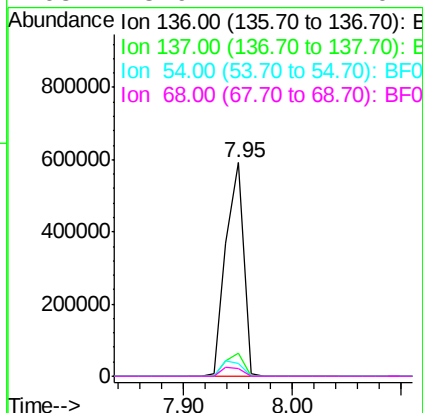
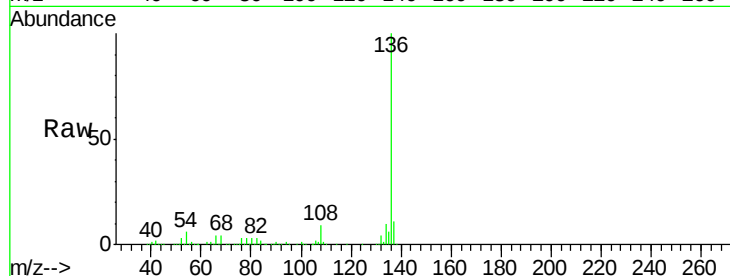




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084915.D
Acq: 6 Feb 2016 16:49

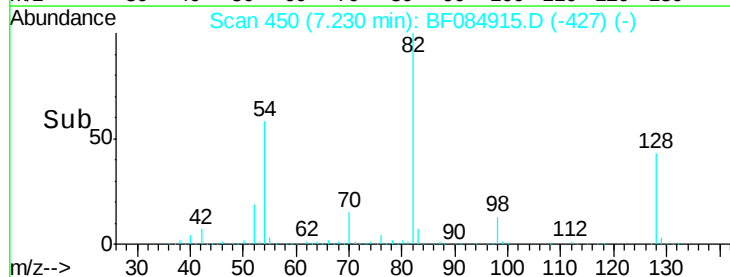
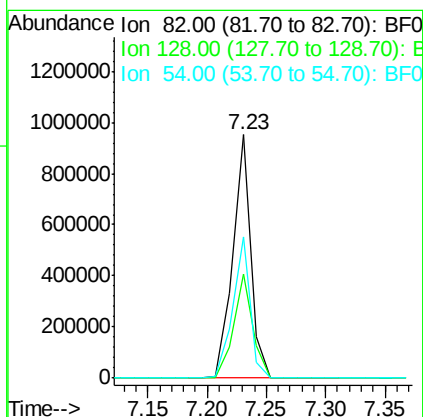
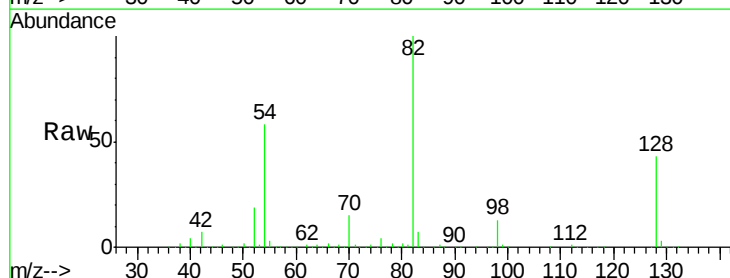
Instrument :
BNA_F
ClientSampleId :
MW-1

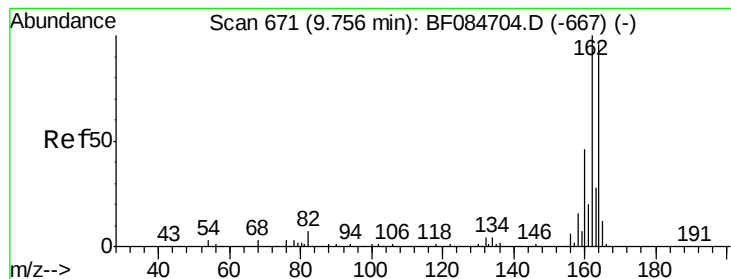
Tgt Ion:	136	Resp:	671582
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.1	5.8	8.8
68	3.9	4.2	6.2#



#23
Nitrobenzene-d5
Concen: 84.01 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084915.D
Acq: 6 Feb 2016 16:49

Tgt Ion:	82	Resp:	1001550
Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	51.8
54	57.8	38.4	57.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084915.D

Acq: 6 Feb 2016 16:49

Instrument :

BNA_F

ClientSampleId :

MW-1

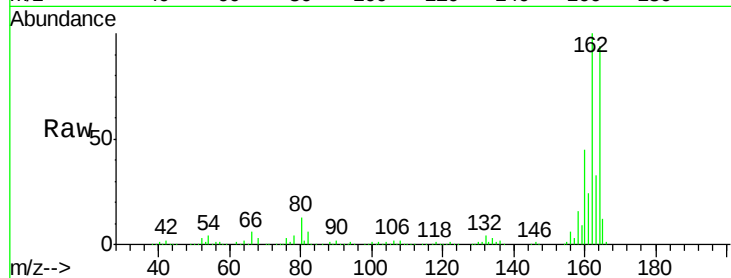
Tgt Ion:164 Resp: 297410

Ion Ratio Lower Upper

164 100

162 106.6 85.1 127.7

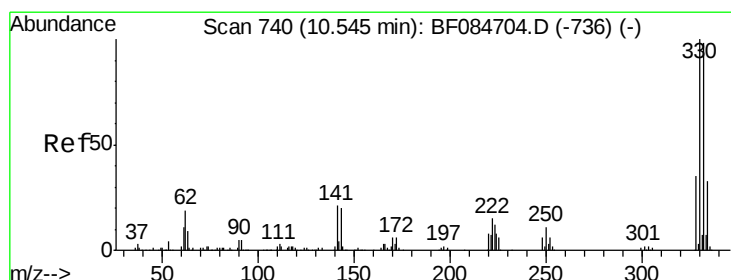
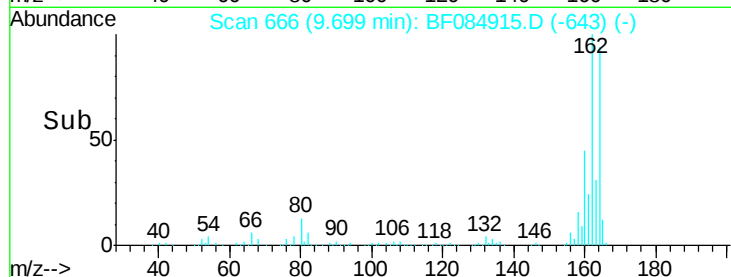
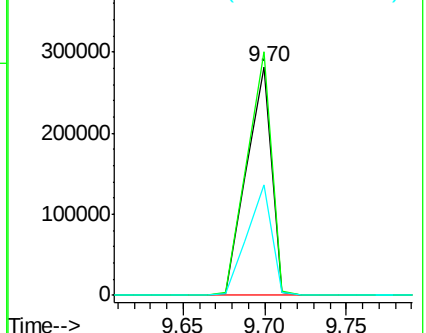
160 48.1 37.5 56.3



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: 131.43 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF084915.D

Acq: 6 Feb 2016 16:49

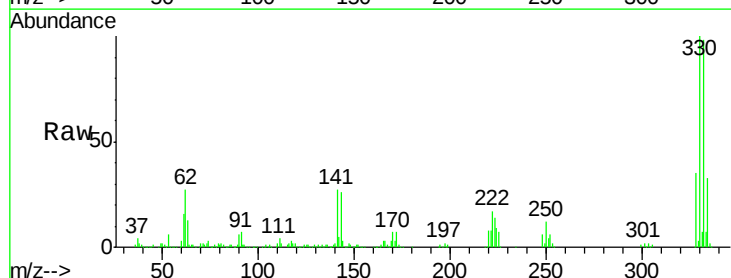
Tgt Ion:330 Resp: 407728

Ion Ratio Lower Upper

330 100

332 97.2 76.6 114.8

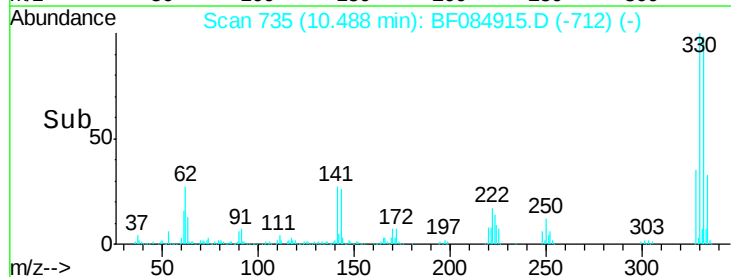
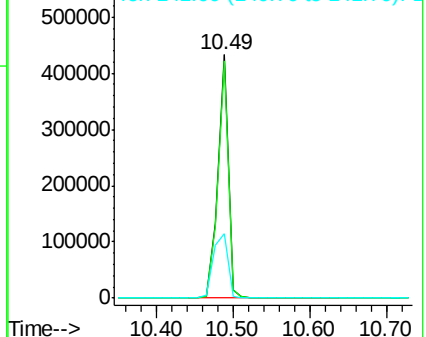
141 37.1 27.8 41.6

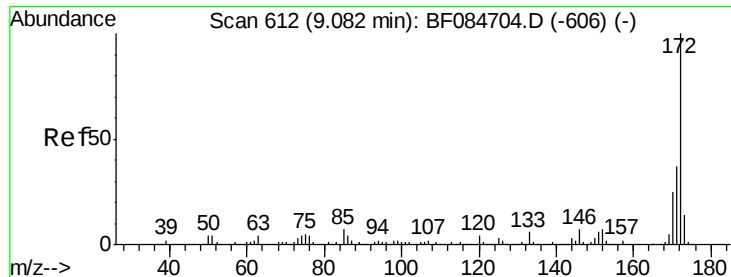


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

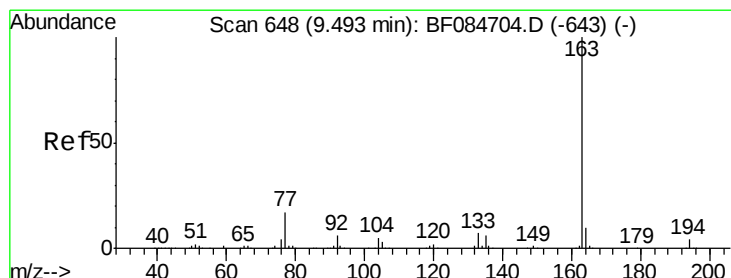
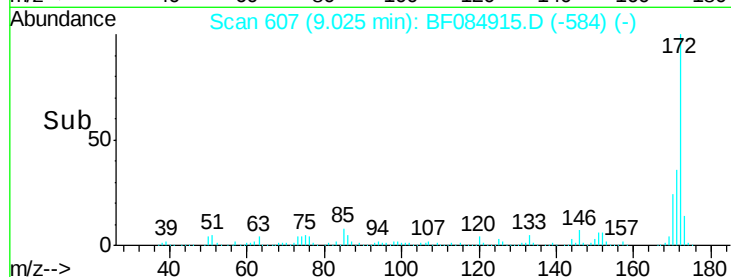
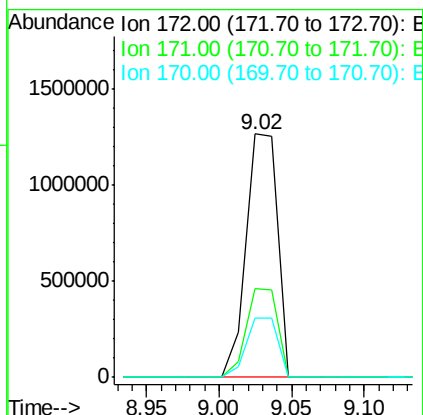
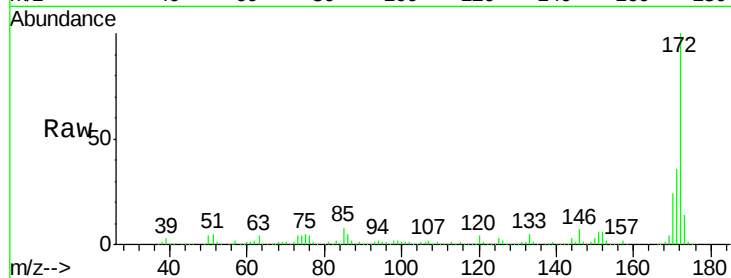




#44
 2-Fluorobiphenyl
 Concen: 131.38 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084915.D
 Acq: 6 Feb 2016 16:49

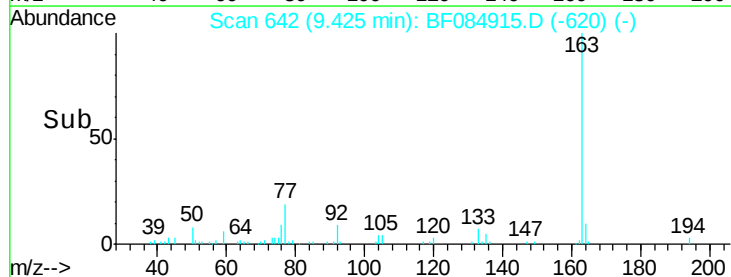
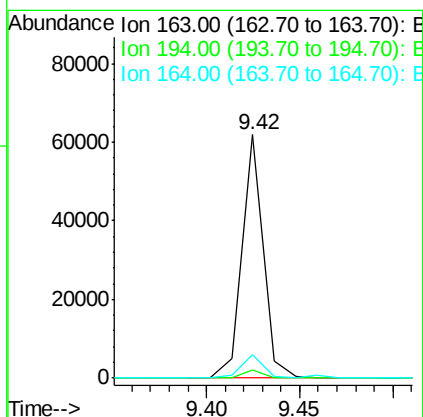
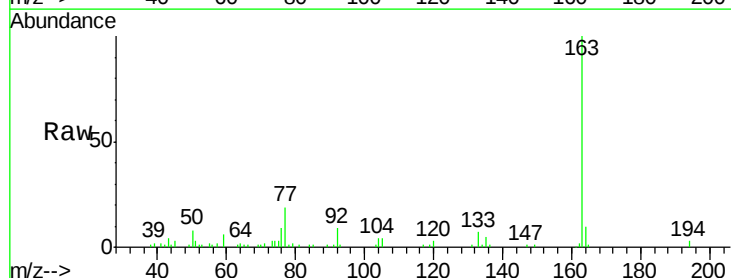
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

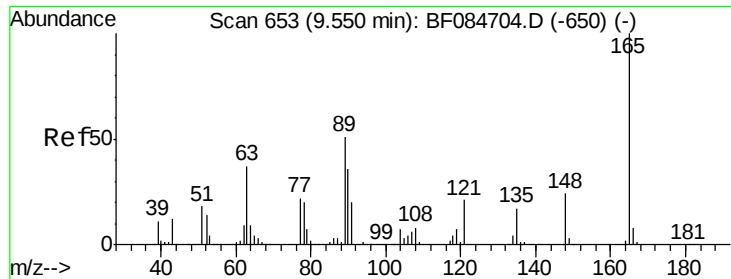
Tgt Ion:172 Resp: 1899514
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 24.4 18.6 27.8



#49
 Dimethylphthalate
 Concen: 2.17 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF084915.D
 Acq: 6 Feb 2016 16:49

Tgt Ion:163 Resp: 49082
 Ion Ratio Lower Upper
 163 100
 194 3.2 8.0 12.0#
 164 9.5 8.0 12.0

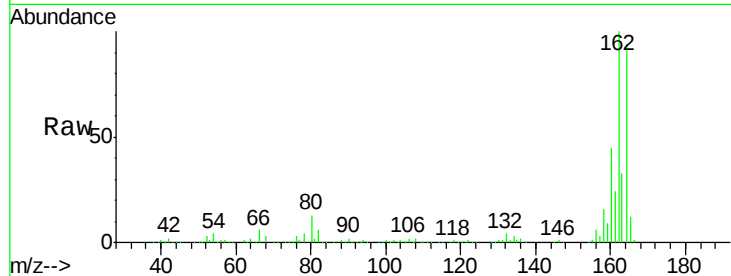




#50
 2,6-Dinitrotoluene
 Concen: 7.95 ng
 RT: 9.70 min Scan# 666
 Delta R.T. 0.17 min
 Lab File: BF084915.D
 Acq: 6 Feb 2016 16:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

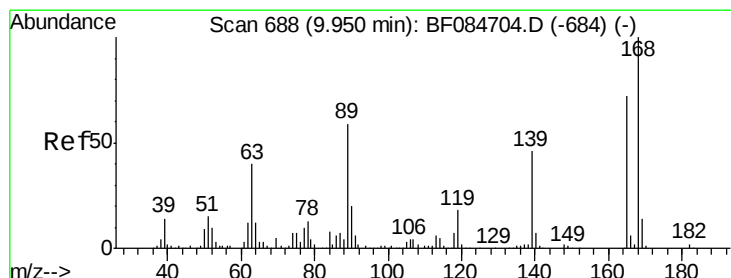
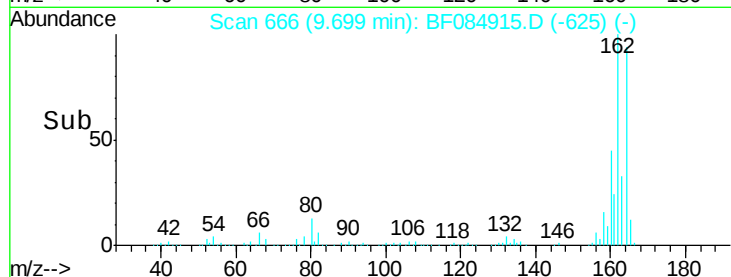
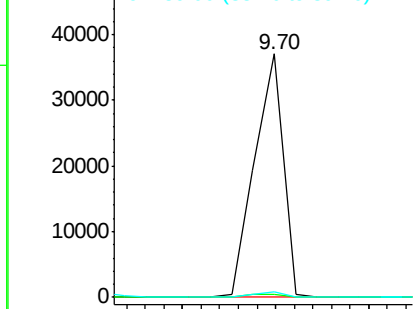
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	28.8	43.2#
89	2.3	35.1	52.7#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.23 min
 Lab File: BF084915.D
 Acq: 6 Feb 2016 16:49

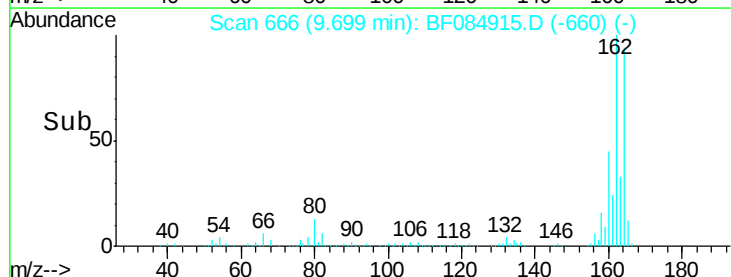
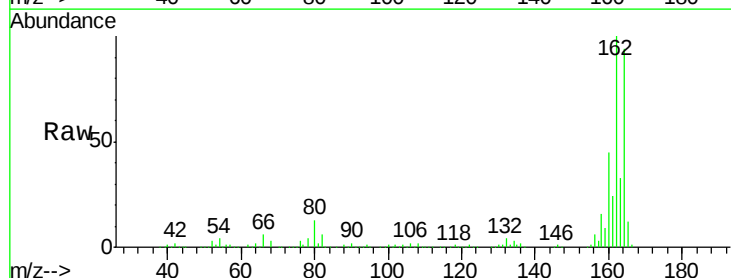
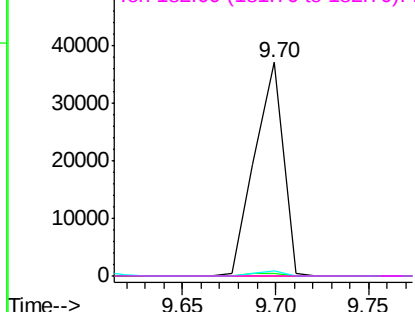
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.7	55.1#
89	2.3	61.9	92.9#
182	0.0	2.0	3.0#

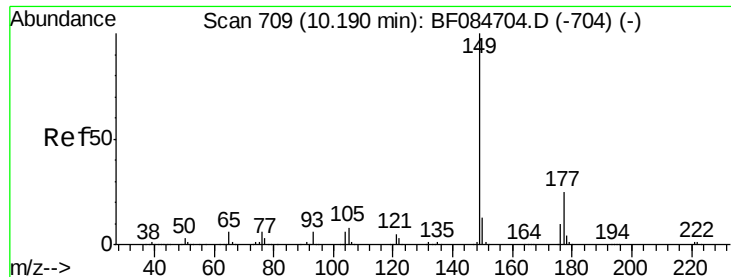
Abundance Ion 165.00 (164.70 to 165.70): E

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

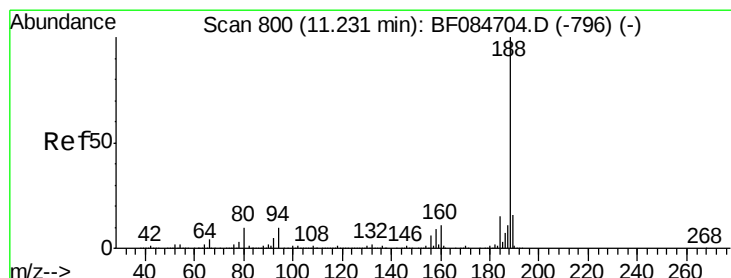
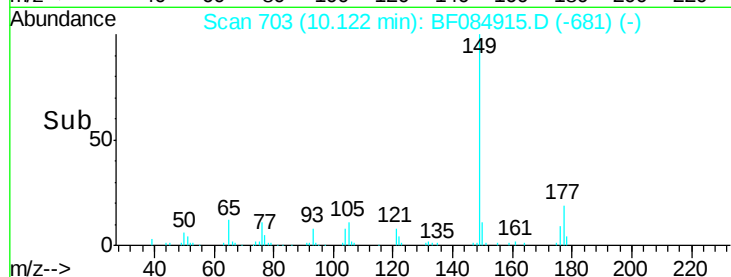
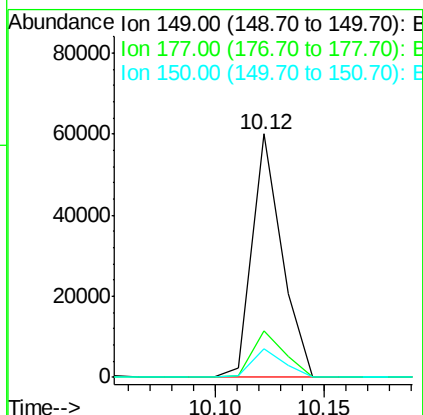
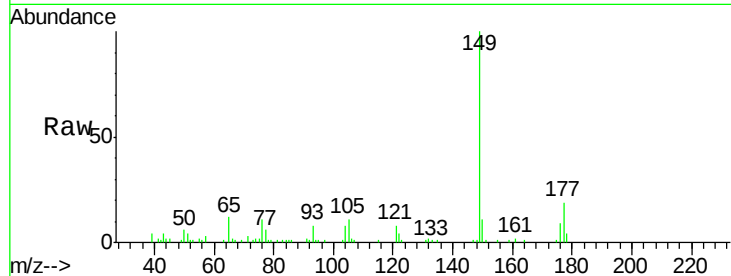




#59
Diethylphthalate
Concen: 2.57 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.05 min
Lab File: BF084915.D
Acq: 6 Feb 2016 16:49

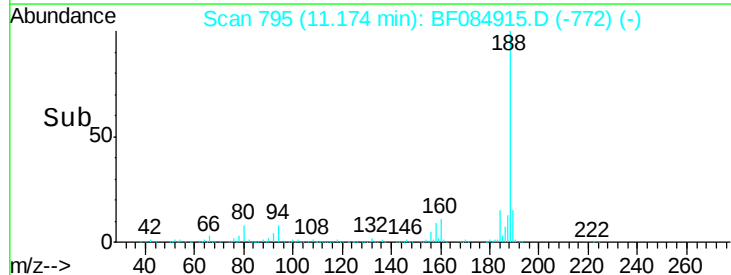
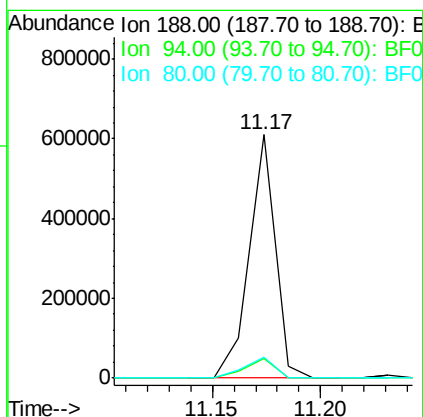
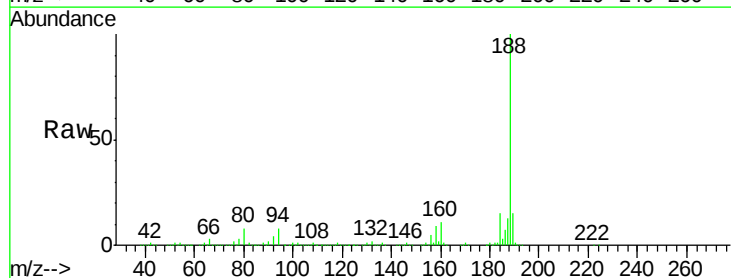
Instrument :
BNA_F
ClientSampleId :
MW-1

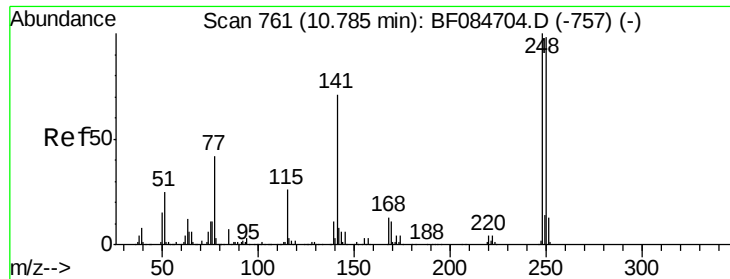
Tgt Ion:149 Resp: 56915
Ion Ratio Lower Upper
149 100
177 19.1 17.3 25.9
150 11.5 9.8 14.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084915.D
Acq: 6 Feb 2016 16:49

Tgt Ion:188 Resp: 510407
Ion Ratio Lower Upper
188 100
94 8.0 9.0 13.4#
80 8.5 9.6 14.4#

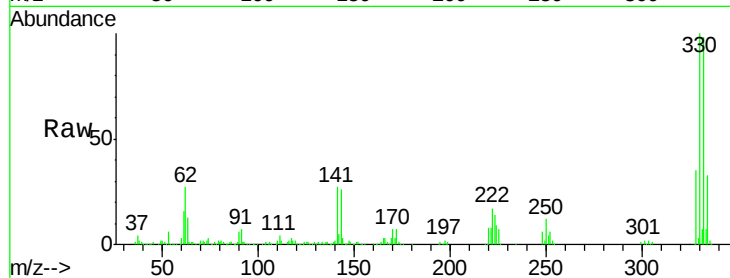




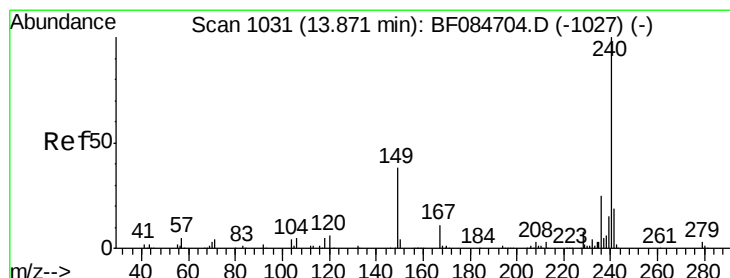
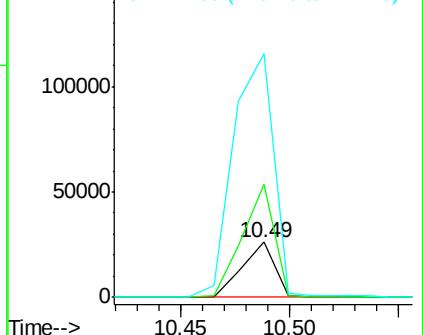
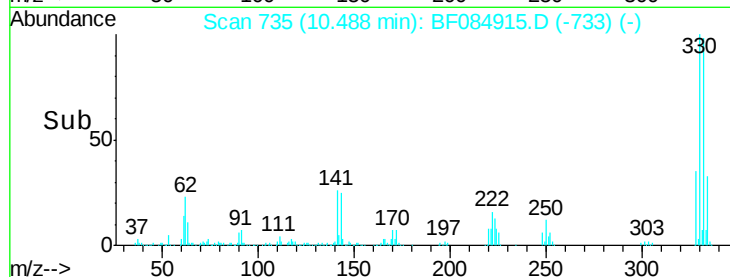
#66
4-Bromophenyl-phenylether
Concen: 4.78 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF084915.D
Acq: 6 Feb 2016 16:49

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:248 Resp: 26927
Ion Ratio Lower Upper
248 100
250 205.7 78.4 117.6#
141 442.0 44.0 66.0#

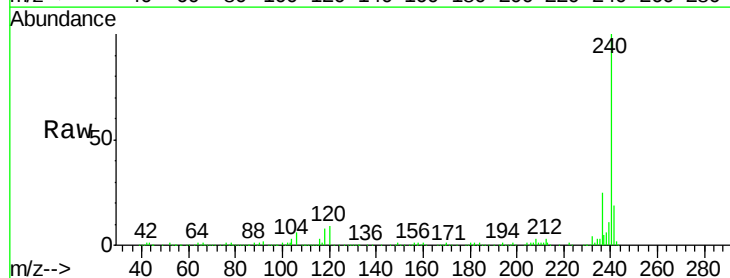


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

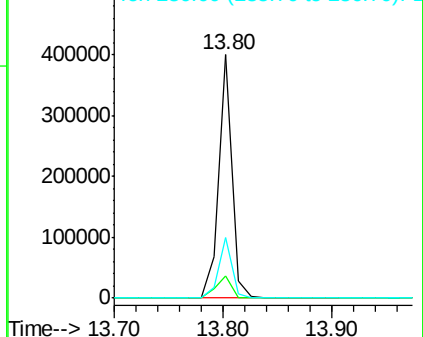
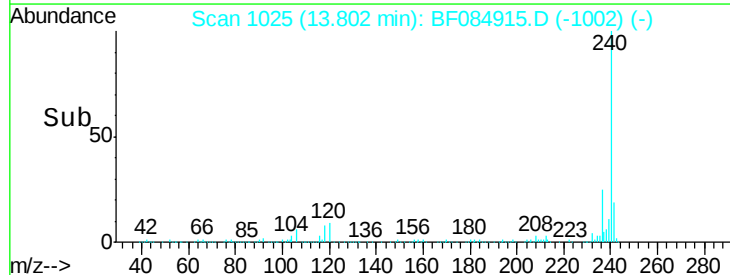


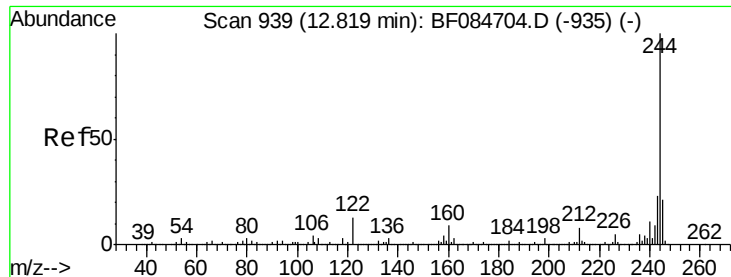
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084915.D
Acq: 6 Feb 2016 16:49

Tgt Ion:240 Resp: 345666
Ion Ratio Lower Upper
240 100
120 8.9 9.5 14.3#
236 25.1 20.6 31.0



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: 83.61 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084915.D

Acq: 6 Feb 2016 16:49

Instrument :

BNA_F

ClientSampleId :

MW-1

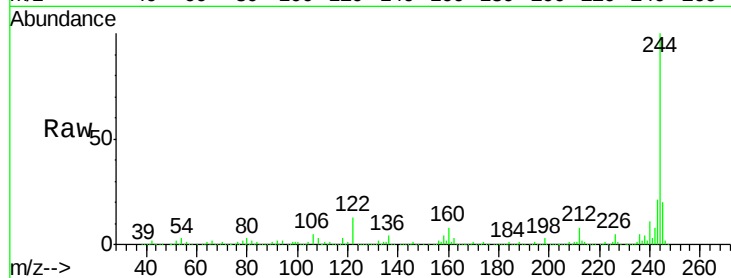
Tgt Ion:244 Resp: 1275455

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

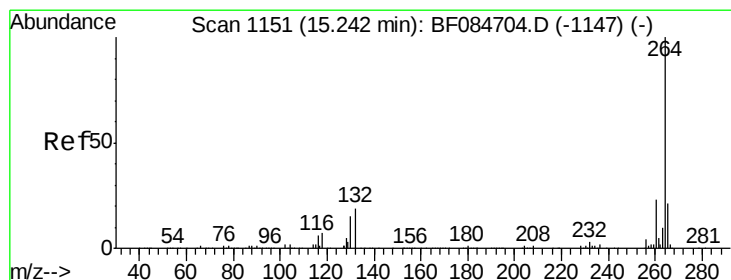
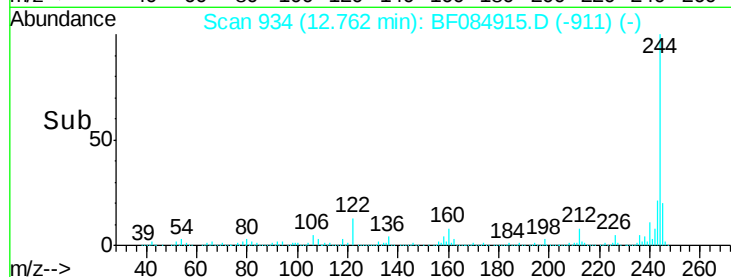
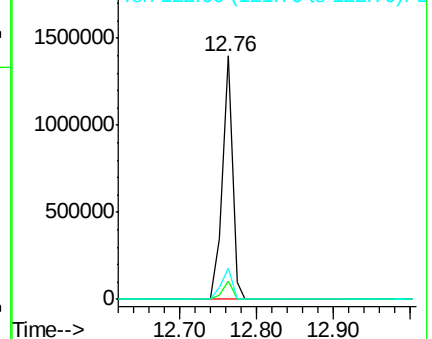
122 12.8 7.4 11.0#



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: 15.17 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF084915.D

Acq: 6 Feb 2016 16:49

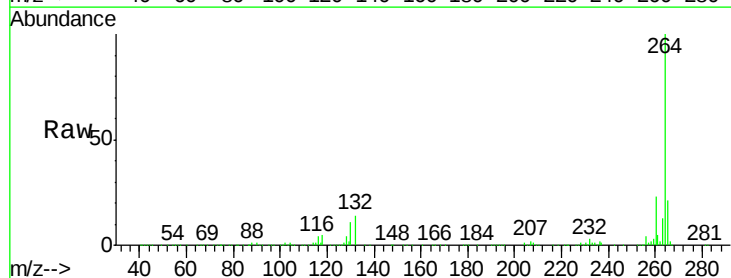
Tgt Ion:264 Resp: 323001

Ion Ratio Lower Upper

264 100

260 22.7 19.4 29.2

265 20.5 17.8 26.6



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

