

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085936.D
 Acq On : 31 Mar 2016 19:21
 Operator : UM/SJ
 Sample : H1976-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Mar 31 21:47:49 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

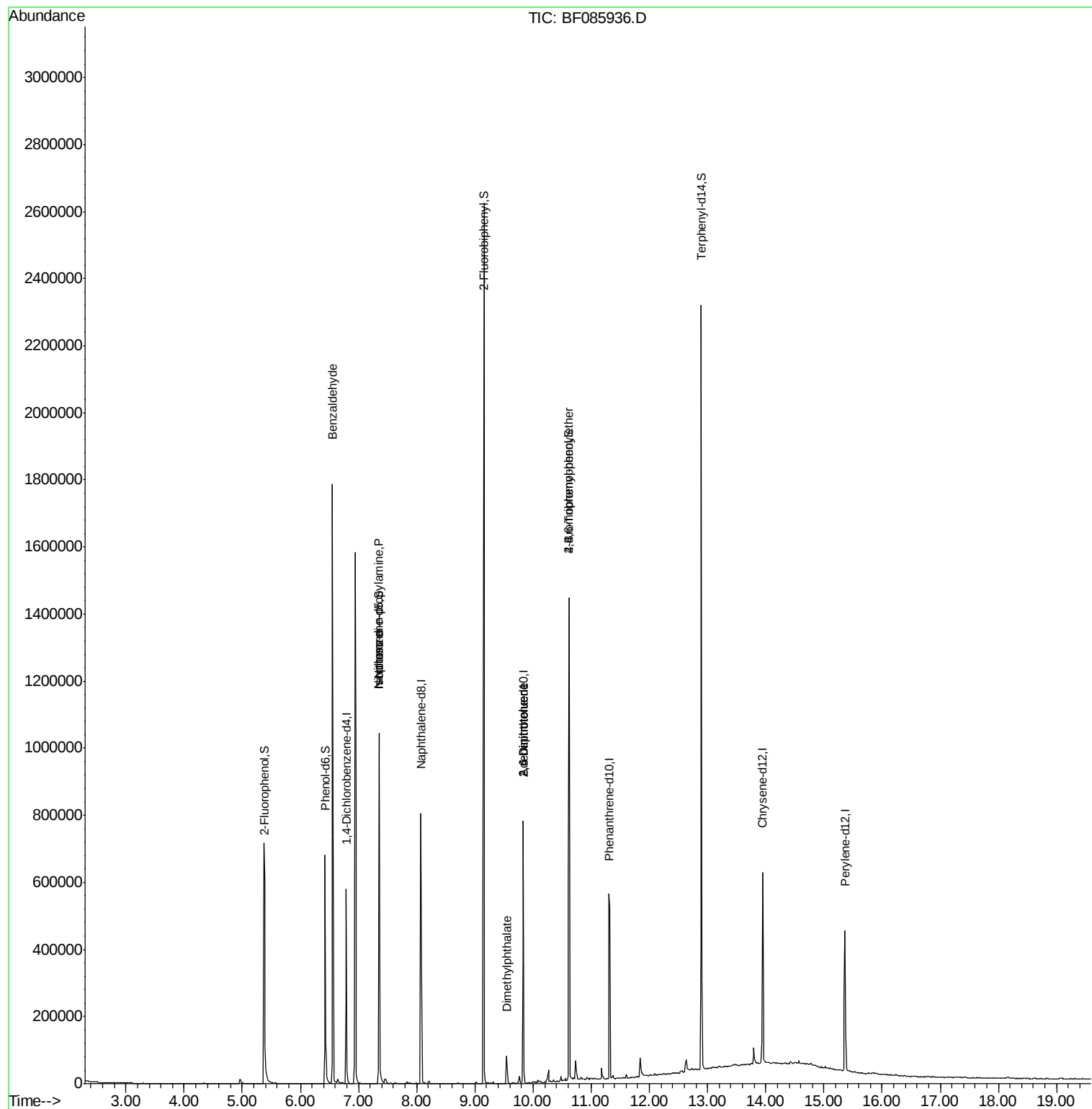
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	102641	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	400920	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	173810	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	294691	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	190333	20.00	ng	-0.02
86) Perylene-d12	15.36	264	190789	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	334994	54.36	ng	-0.01
7) Phenol-d6	6.42	99	272713	34.80	ng	-0.02
23) Nitrobenzene-d5	7.35	82	525546	73.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	189183	114.56	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	966985	92.95	ng	-0.01
78) Terphenyl-d14	12.89	244	649723	70.20	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.55	77	12071	2.56	ng	# 78
19) n-Nitroso-di-n-propylamine	7.35	70	66993	14.28	ng	# 81
25) Isophorone	7.35	82	517076	37.70	ng	# 68
49) Dimethylphthalate	9.54	163	37433	2.84	ng	99
50) 2,6-Dinitrotoluene	9.83	165	22011	7.75	ng	# 18
56) 2,4-Dinitrotoluene	9.83	165	22011	6.10	ng	# 36
66) 4-Bromophenyl-phenylether	10.62	248	13611	4.51	ng	# 1

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

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Quant Time: Mar 31 21:47:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
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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: BF085936.D

Acq: 31 Mar 2016 19:21

Instrument :

BNA_F

ClientSampleId :

MW-5

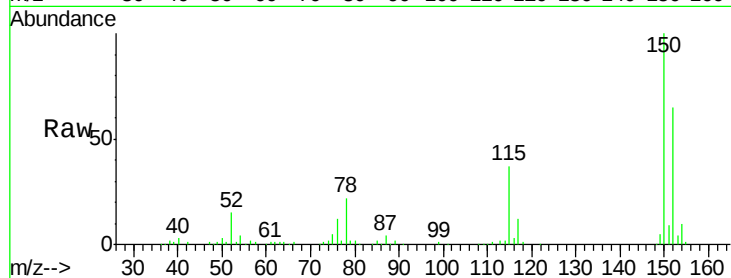
Tgt Ion:152 Resp: 102641

Ion Ratio Lower Upper

152 100

150 154.1 124.2 186.2

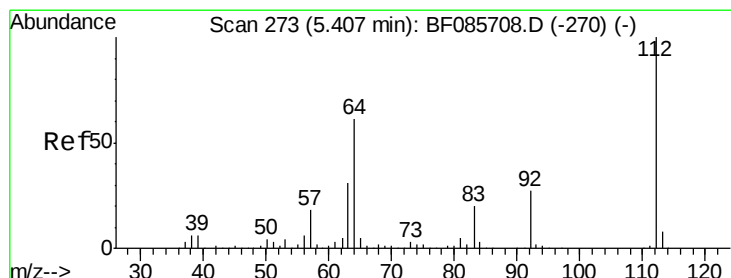
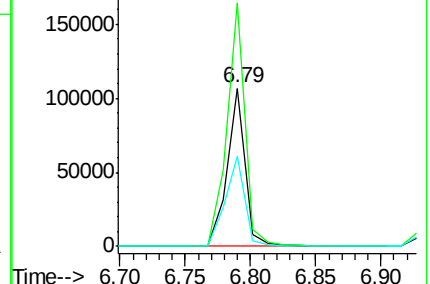
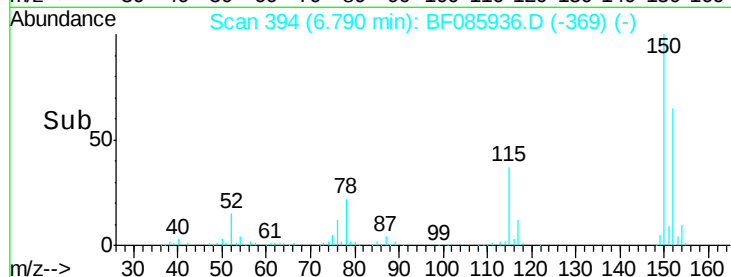
115 57.0 47.0 70.6



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: 54.36 ng

RT: 5.38 min Scan# 271

Delta R.T. -0.01 min

Lab File: BF085936.D

Acq: 31 Mar 2016 19:21

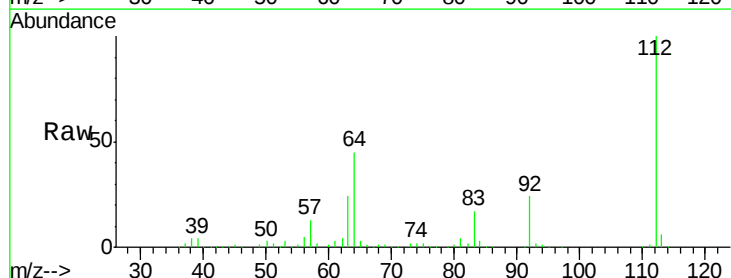
Tgt Ion:112 Resp: 334994

Ion Ratio Lower Upper

112 100

64 45.5 39.9 59.9

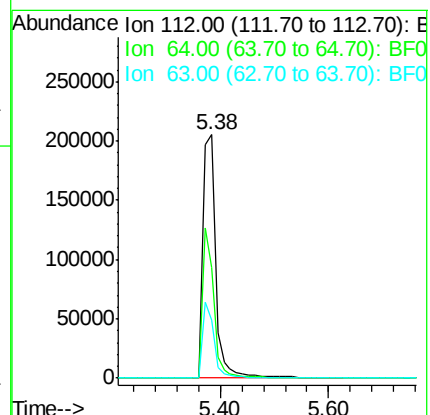
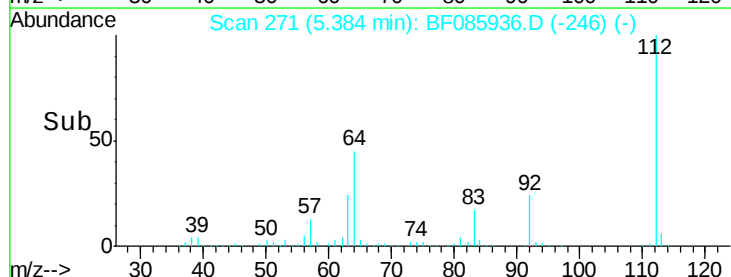
63 23.6 20.2 30.2



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: 34.80 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085936.D

Acq: 31 Mar 2016 19:21

Instrument :

BNA_F

ClientSampleId :

MW-5

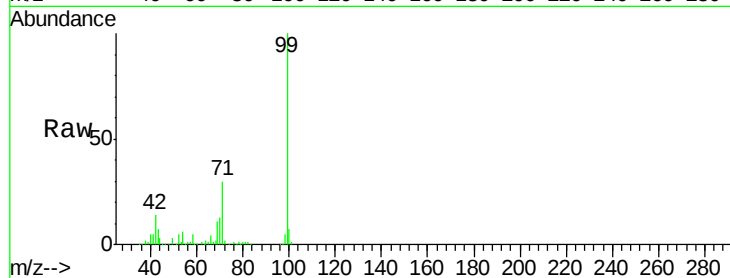
Tgt Ion: 99 Resp: 272713

Ion Ratio Lower Upper

99 100

42 13.9 11.1 16.7

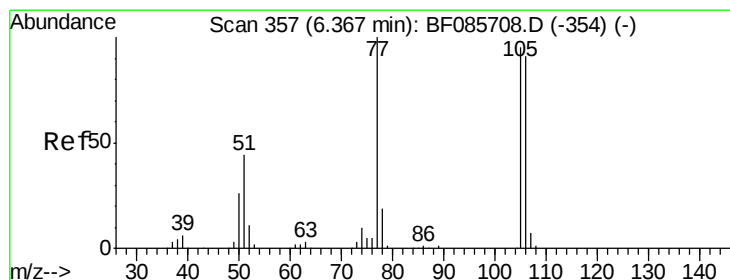
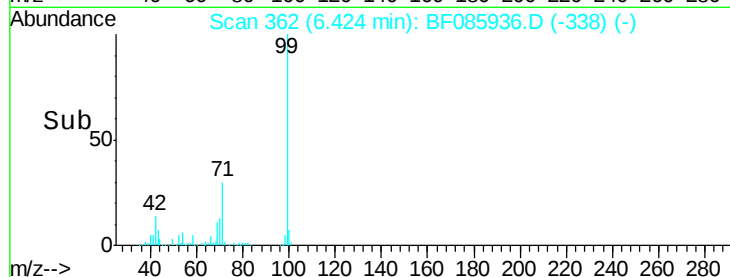
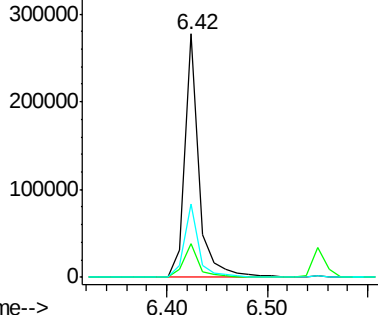
71 30.1 24.9 37.3



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: 2.56 ng

RT: 6.55 min Scan# 373

Delta R.T. 0.21 min

Lab File: BF085936.D

Acq: 31 Mar 2016 19:21

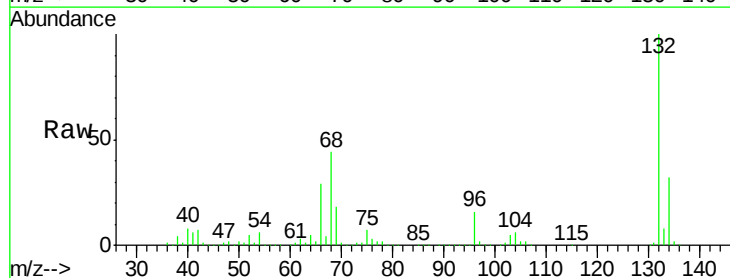
Tgt Ion: 77 Resp: 12071

Ion Ratio Lower Upper

77 100

105 80.9 80.1 120.1

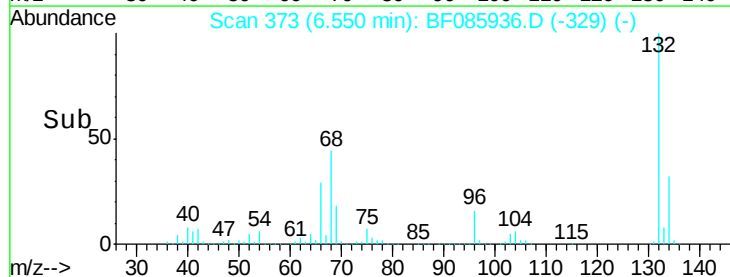
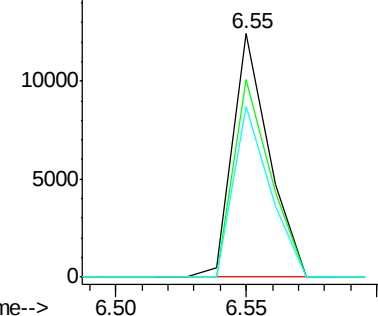
106 69.9 75.0 115.0#

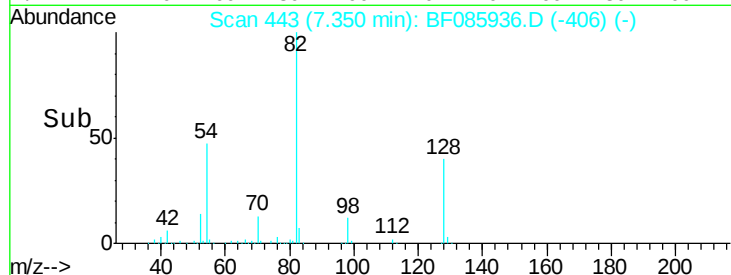
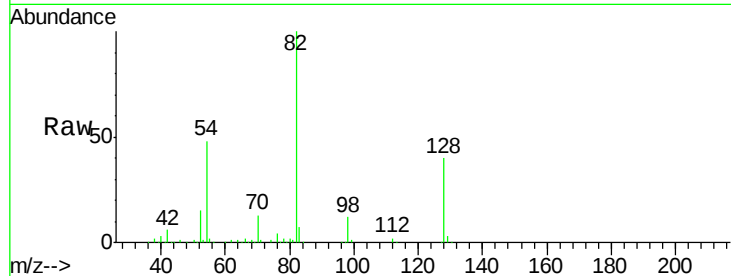
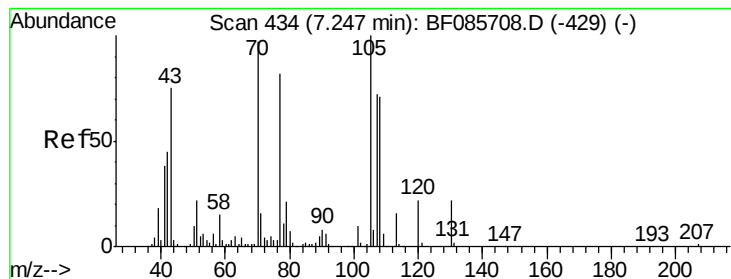


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 14.28 ng

RT: 7.35 min Scan# 443

Delta R.T. 0.13 min

Lab File: BF085936.D

Acq: 31 Mar 2016 19:21

Instrument :

BNA_F

ClientSampleId :

MW-5

Tgt Ion: 70 Resp: 66993

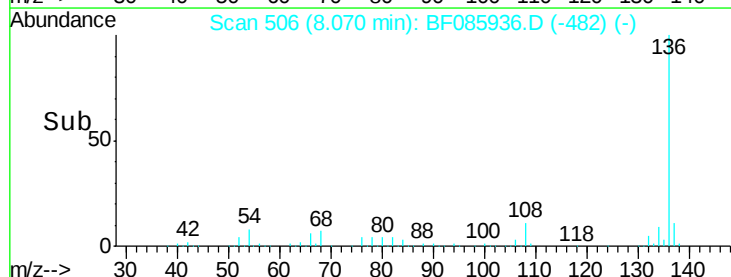
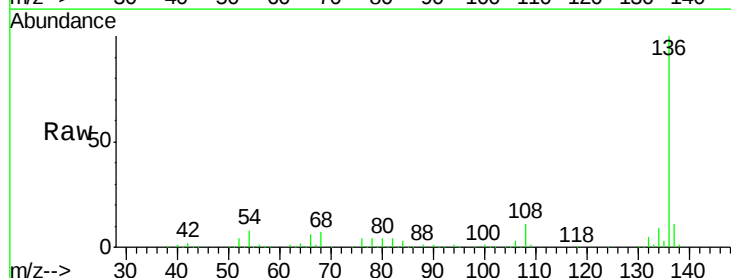
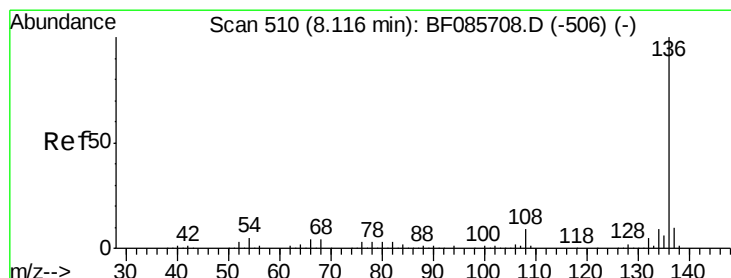
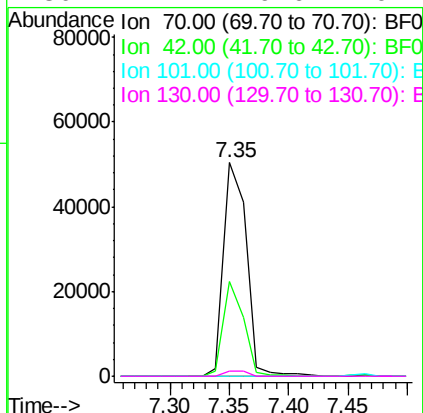
Ion Ratio Lower Upper

70 100

42 44.1 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 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: BF085936.D

Acq: 31 Mar 2016 19:21

Tgt Ion: 136 Resp: 400920

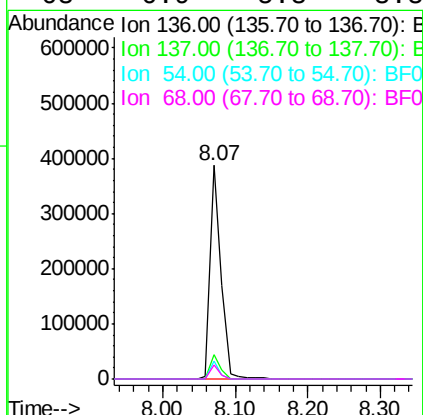
Ion Ratio Lower Upper

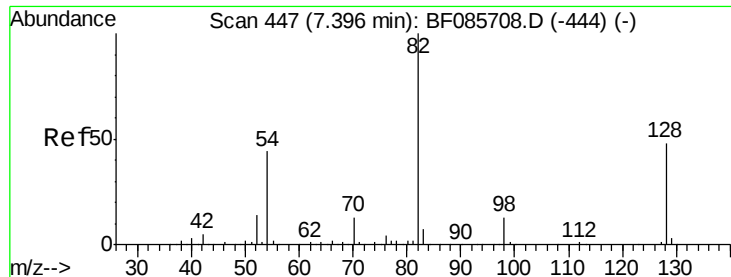
136 100

137 11.1 9.1 13.7

54 8.5 7.4 11.0

68 6.9 5.8 8.8

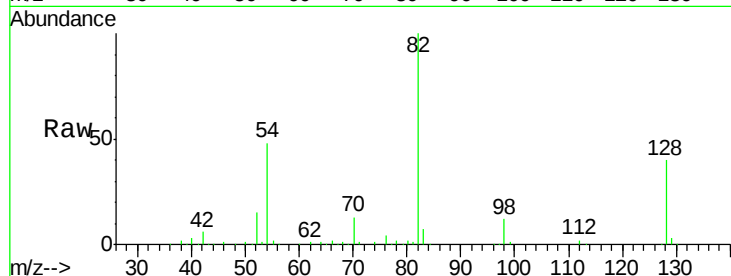




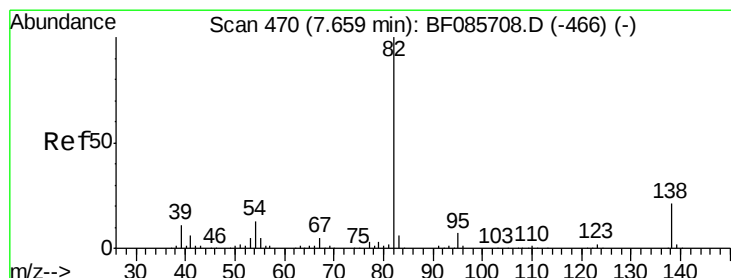
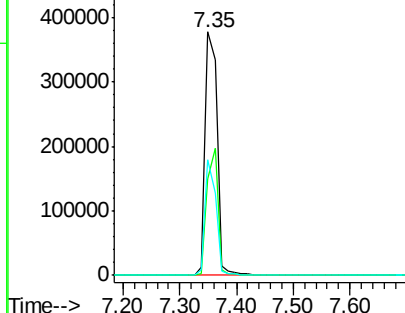
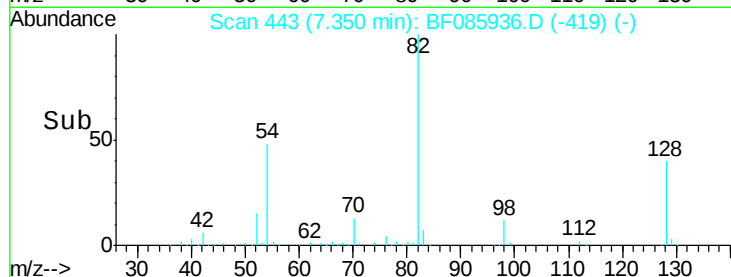
#23
Nitrobenzene-d5
Concen: 73.82 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF085936.D
Acq: 31 Mar 2016 19:21

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion: 82 Resp: 525546
Ion Ratio Lower Upper
82 100
128 39.8 41.8 62.8#
54 47.7 33.4 50.0

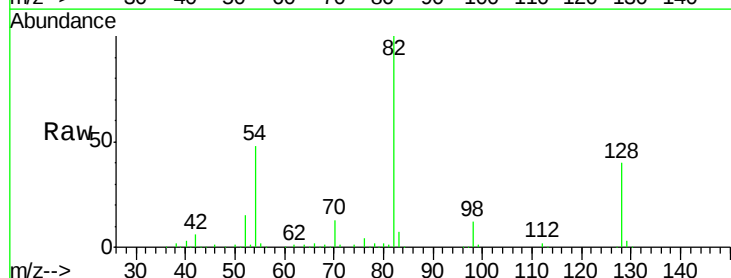


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

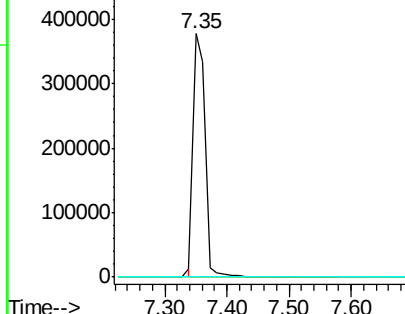
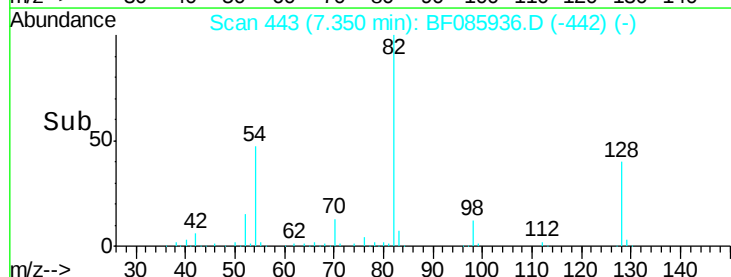


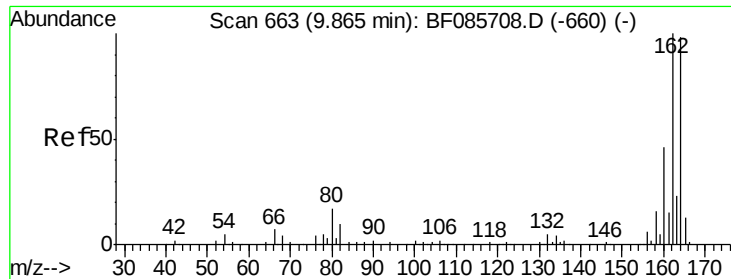
#25
Isophorone
Concen: 37.70 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.29 min
Lab File: BF085936.D
Acq: 31 Mar 2016 19:21

Tgt Ion: 82 Resp: 517076
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: BF085936.D

Acq: 31 Mar 2016 19:21

Instrument :

BNA_F

ClientSampleId :

MW-5

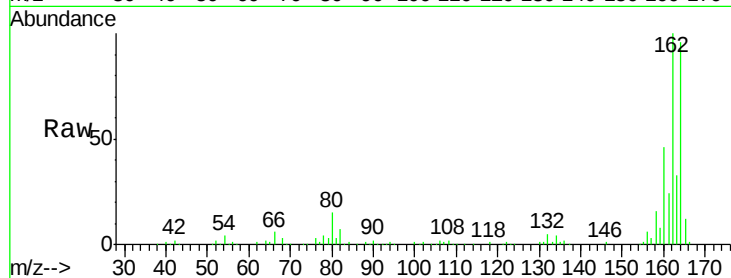
Tgt Ion:164 Resp: 173810

Ion Ratio Lower Upper

164 100

162 104.3 82.1 123.1

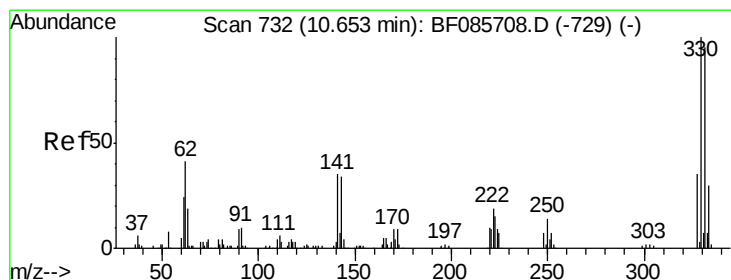
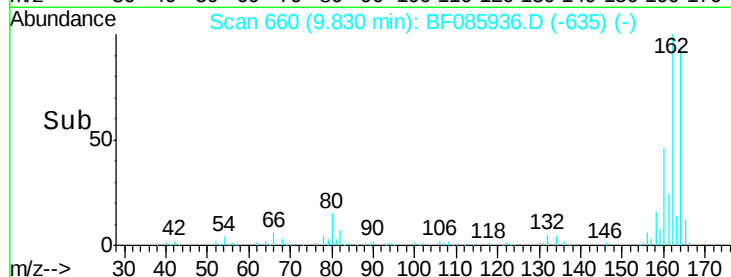
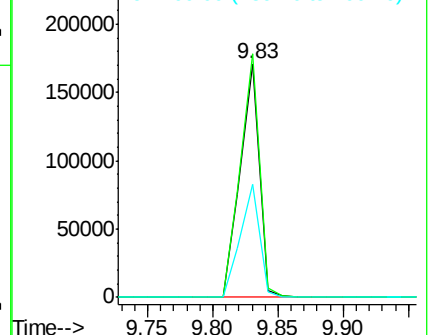
160 48.3 37.4 56.2



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: 114.56 ng

RT: 10.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF085936.D

Acq: 31 Mar 2016 19:21

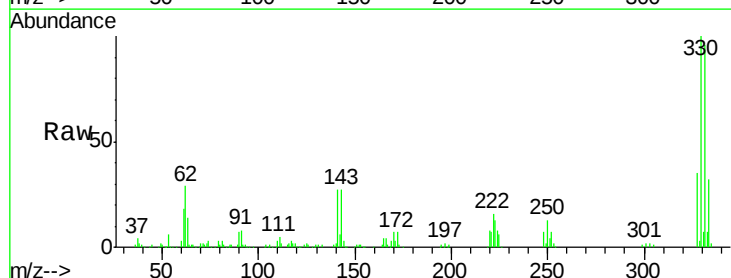
Tgt Ion:330 Resp: 189183

Ion Ratio Lower Upper

330 100

332 96.0 78.2 117.2

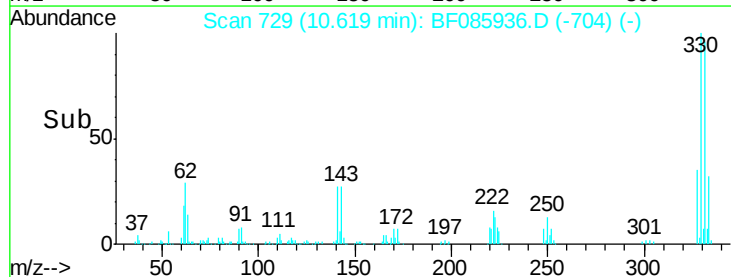
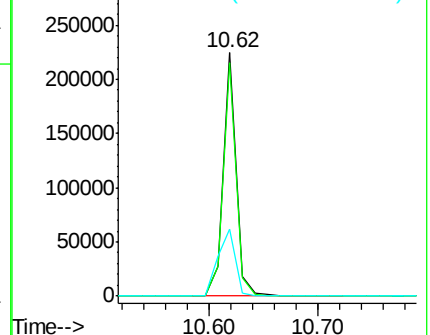
141 37.7 31.5 47.3

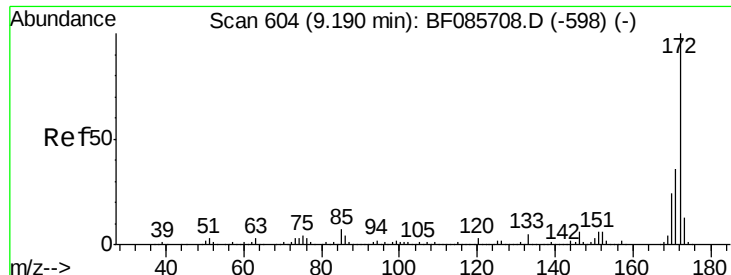


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

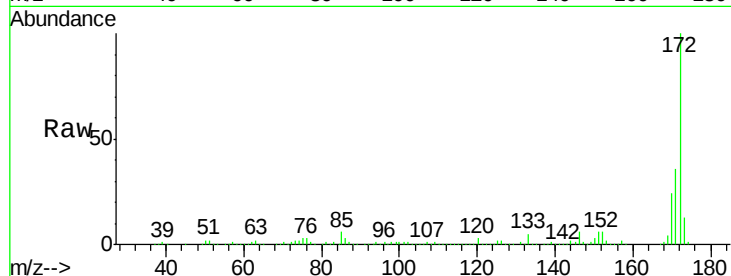




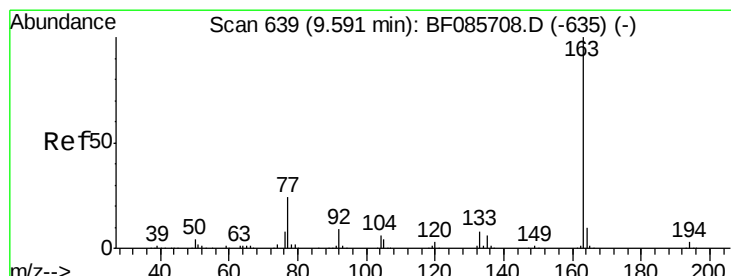
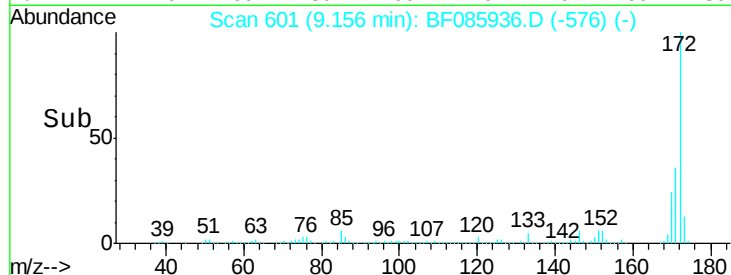
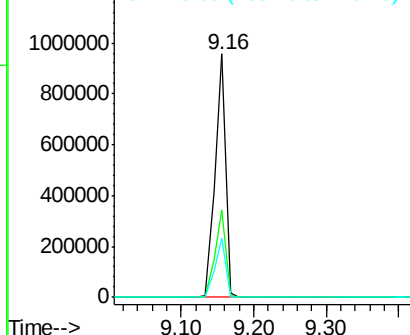
#44
2-Fluorobiphenyl
Concen: 92.95 ng
RT: 9.16 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF085936.D
Acq: 31 Mar 2016 19:21

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:172 Resp: 966985
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.2
170 24.2 19.8 29.6

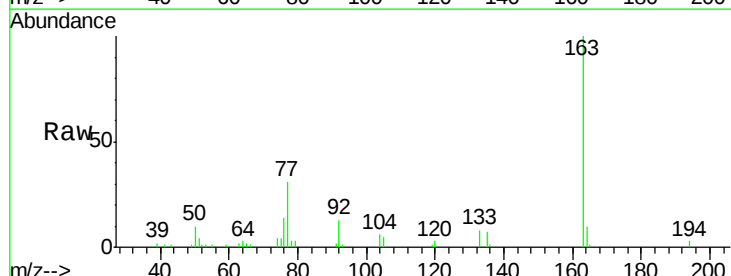


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

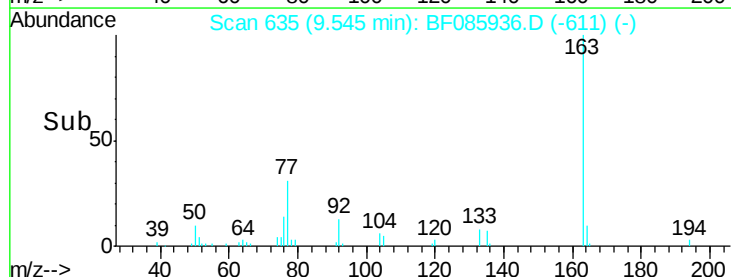
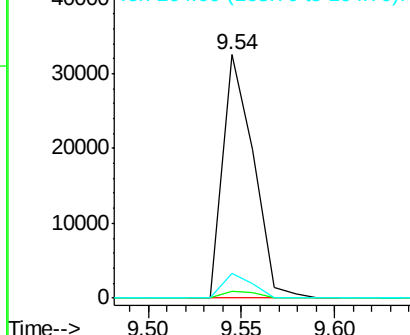


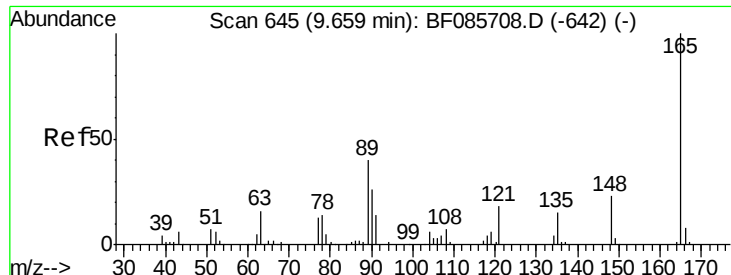
#49
Dimethylphthalate
Concen: 2.84 ng
RT: 9.54 min Scan# 635
Delta R.T. -0.02 min
Lab File: BF085936.D
Acq: 31 Mar 2016 19:21

Tgt Ion:163 Resp: 37433
Ion Ratio Lower Upper
163 100
194 2.9 2.9 4.3
164 10.1 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

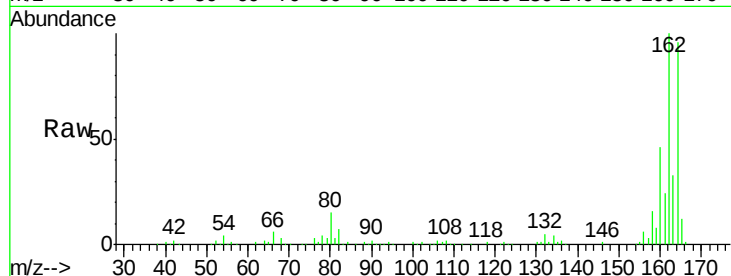




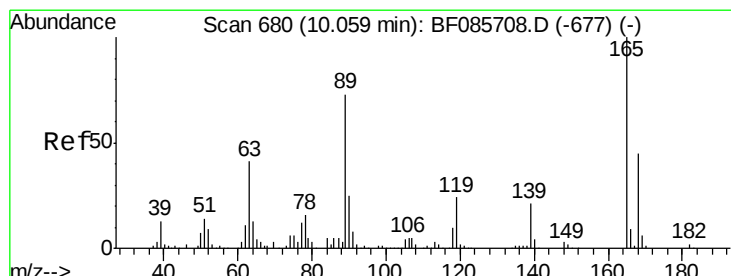
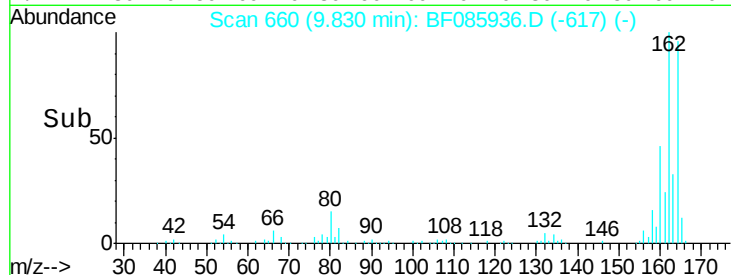
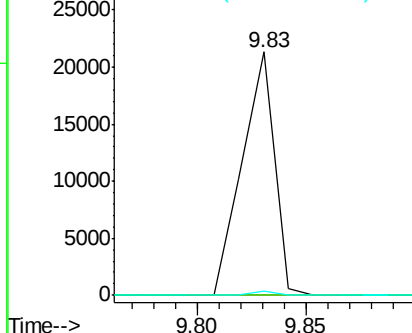
#50
 2,6-Dinitrotoluene
 Concen: 7.75 ng
 RT: 9.83 min Scan# 660
 Delta R.T. 0.19 min
 Lab File: BF085936.D
 Acq: 31 Mar 2016 19:21

Instrument :
 BNA_F
 ClientSampled :
 MW-5

Tgt Ion:165 Resp: 22011
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.8 77.8#
 89 1.7 53.7 80.5#



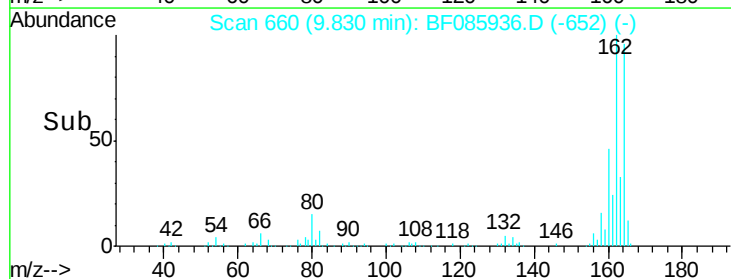
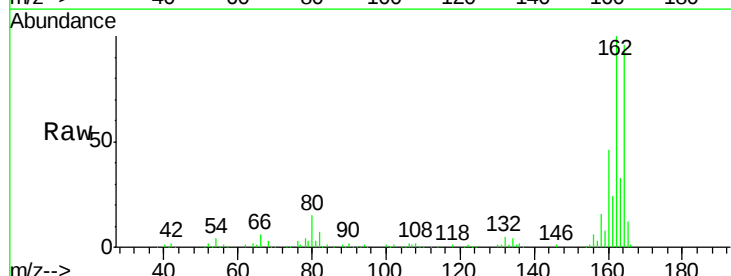
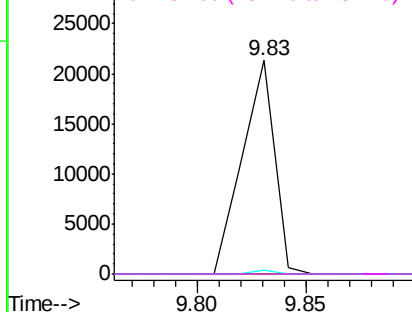
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

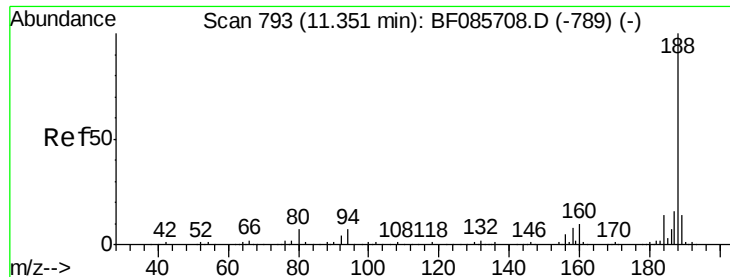


#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.21 min
 Lab File: BF085936.D
 Acq: 31 Mar 2016 19:21

Tgt Ion:165 Resp: 22011
 Ion Ratio Lower Upper
 165 100
 63 0.0 24.9 37.3#
 89 1.7 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

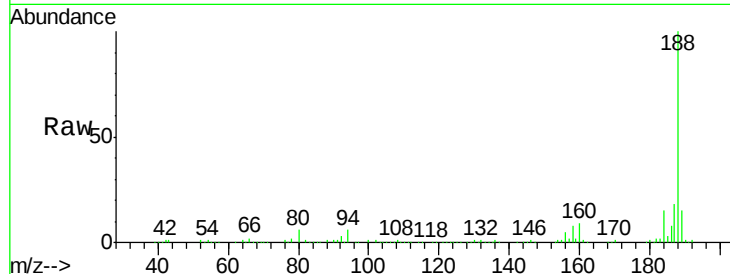




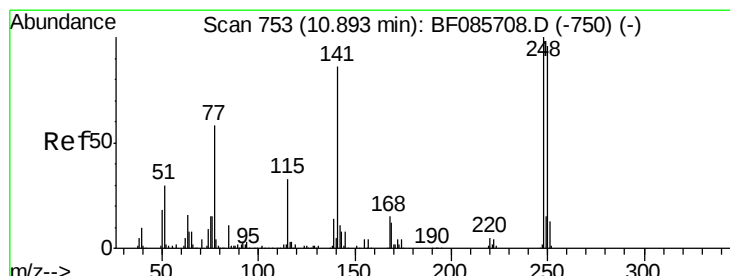
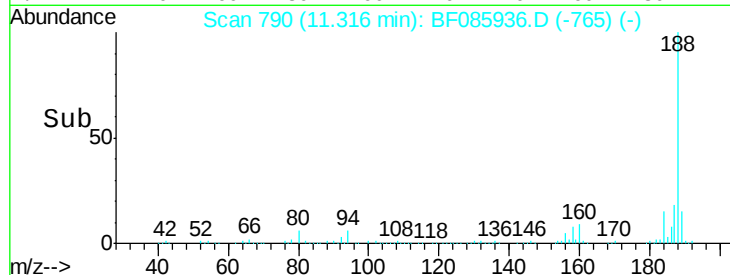
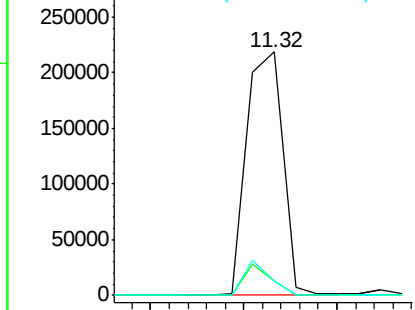
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF085936.D
 Acq: 31 Mar 2016 19:21

Instrument :
 BNA_F
 ClientSampleID :
 MW-5

Tgt Ion:188 Resp: 294691
 Ion Ratio Lower Upper
 188 100
 94 6.0 5.4 8.0
 80 6.2 5.5 8.3

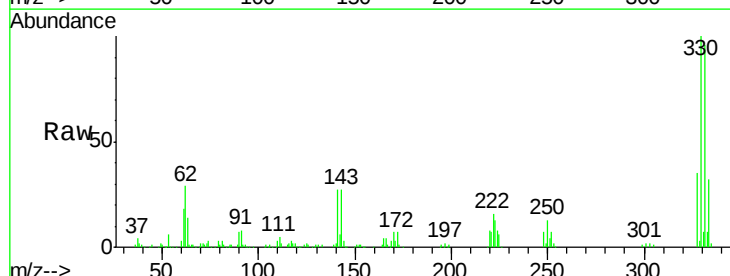


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

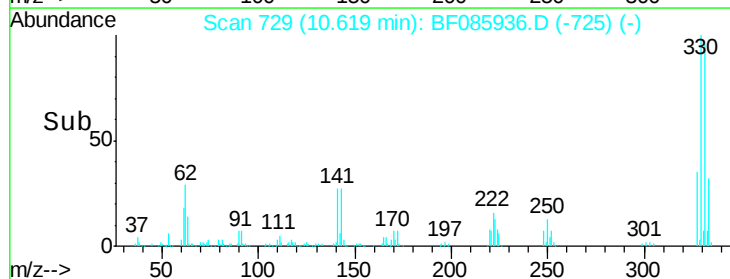
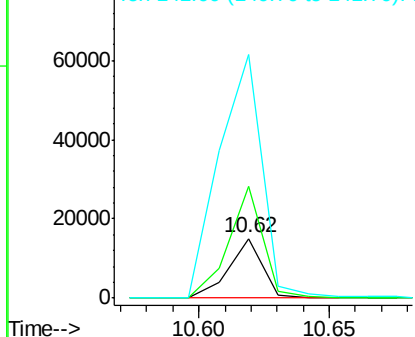


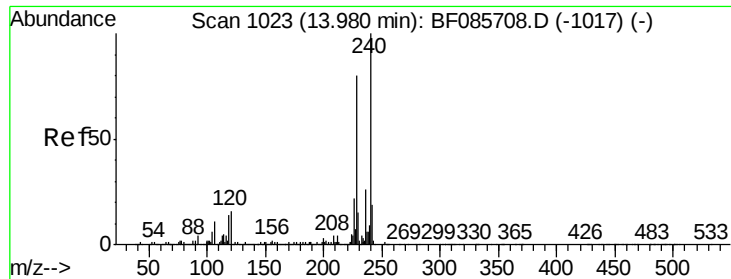
#66
 4-Bromophenyl-phenylether
 Concen: 4.51 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.25 min
 Lab File: BF085936.D
 Acq: 31 Mar 2016 19:21

Tgt Ion:248 Resp: 13611
 Ion Ratio Lower Upper
 248 100
 250 189.0 77.4 116.0#
 141 409.8 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: BF085936.D

Acq: 31 Mar 2016 19:21

Instrument :

BNA_F

ClientSampleId :

MW-5

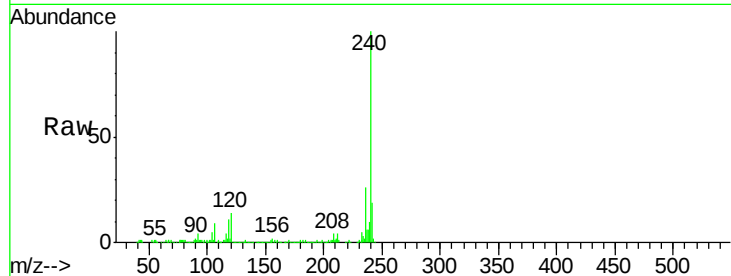
Tgt Ion:240 Resp: 190333

Ion Ratio Lower Upper

240 100

120 13.5 13.8 20.8#

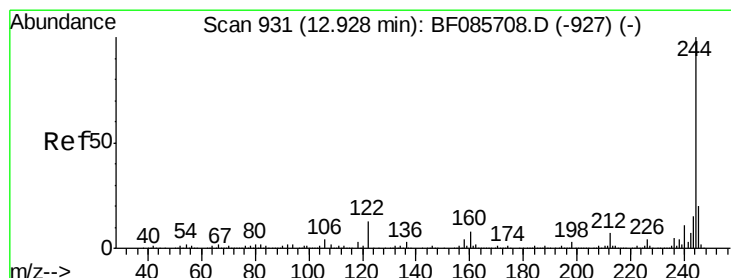
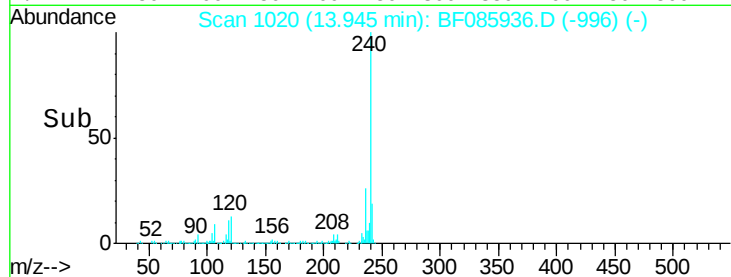
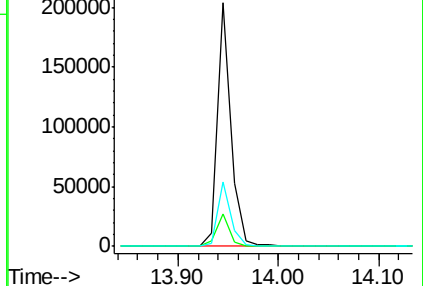
236 26.2 20.6 30.8



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: 70.20 ng

RT: 12.89 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF085936.D

Acq: 31 Mar 2016 19:21

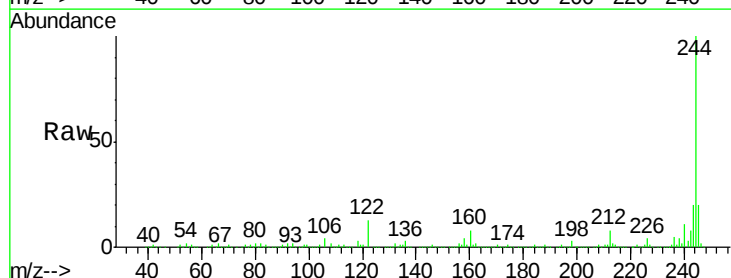
Tgt Ion:244 Resp: 649723

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

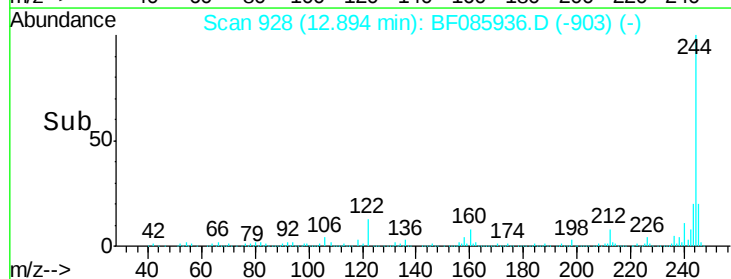
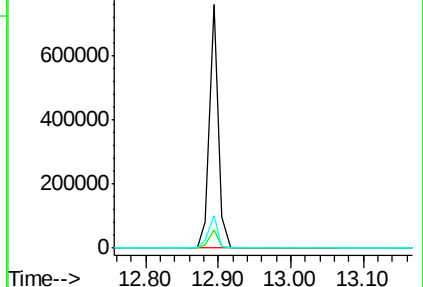
122 13.5 10.2 15.4

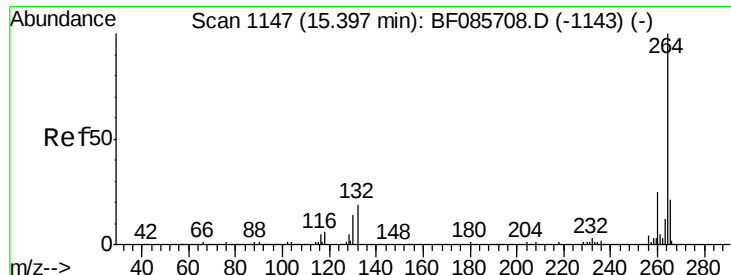


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

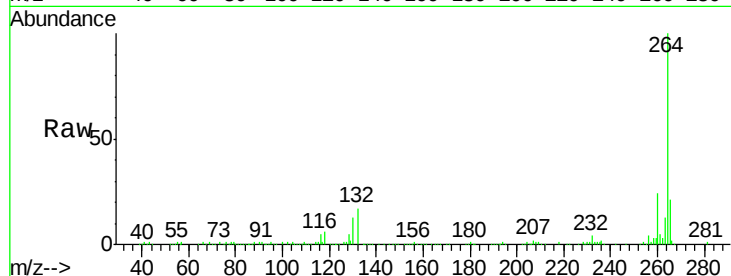




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF085936.D
Acq: 31 Mar 2016 19:21

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	20.8	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

