

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085935.D
 Acq On : 31 Mar 2016 18:52
 Operator : UM/SJ
 Sample : H1976-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Quant Time: Mar 31 21:47:16 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

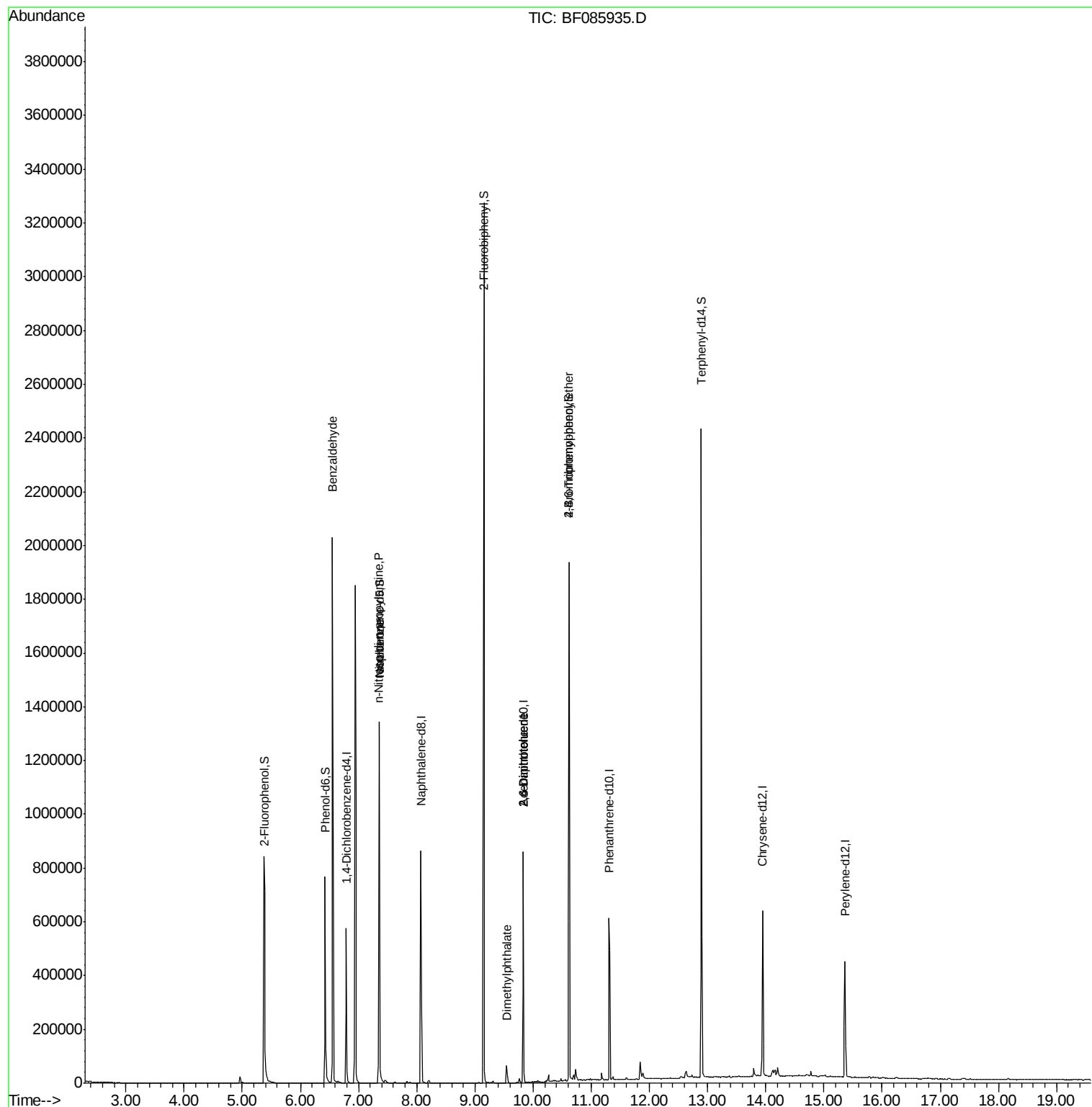
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	103666	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	411598	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	181077	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	301774	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	193794	20.00	ng	-0.02
86) Perylene-d12	15.36	264	191143	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	390135	62.68	ng	-0.01
7) Phenol-d6	6.42	99	306631	38.74	ng	-0.02
23) Nitrobenzene-d5	7.36	82	680091	93.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	234070	136.05	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1155961	106.66	ng	-0.01
78) Terphenyl-d14	12.89	244	742350	78.78	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.55	77	14442	3.03	ng	# 78
19) n-Nitroso-di-n-propylamine	7.35	70	88209	18.61	ng	# 80
25) Isophorone	7.36	82	664714	47.21	ng	# 68
49) Dimethylphthalate	9.54	163	30811	2.24	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	22754	7.69	ng	# 19
56) 2,4-Dinitrotoluene	9.83	165	22754	6.05	ng	# 37
66) 4-Bromophenyl-phenylether	10.62	248	16565	5.37	ng	# 1

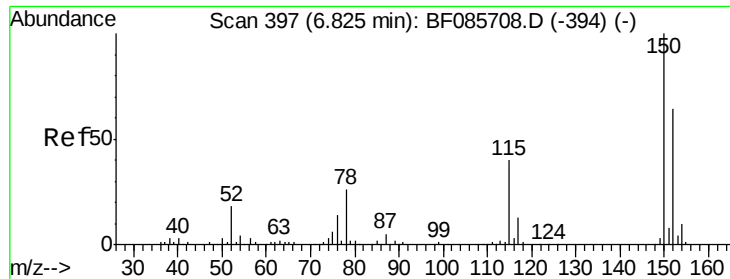
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085935.D

Acq: 31 Mar 2016 18:52

Instrument :

BNA_F

ClientSampleId :

MW-6

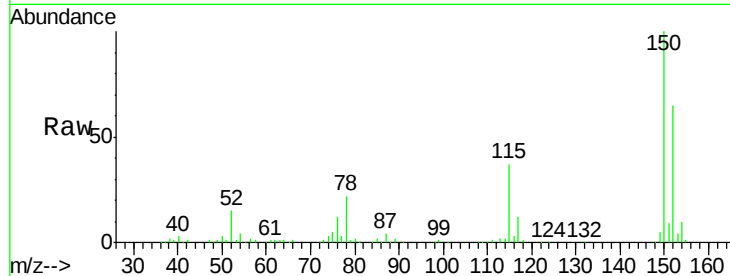
Tgt Ion:152 Resp: 103666

Ion Ratio Lower Upper

152 100

150 154.2 124.2 186.2

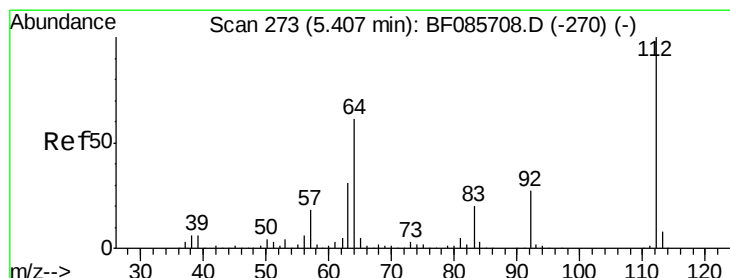
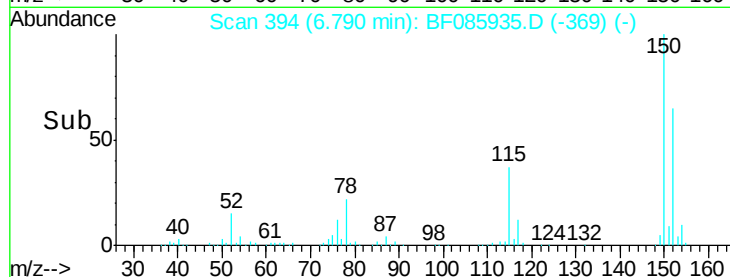
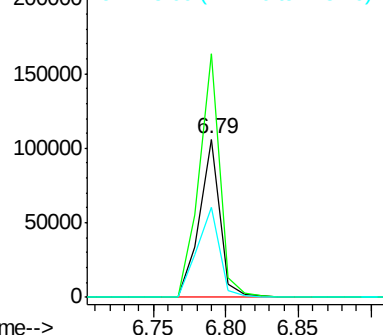
115 57.1 47.0 70.6



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: 62.68 ng

RT: 5.38 min Scan# 271

Delta R.T. -0.01 min

Lab File: BF085935.D

Acq: 31 Mar 2016 18:52

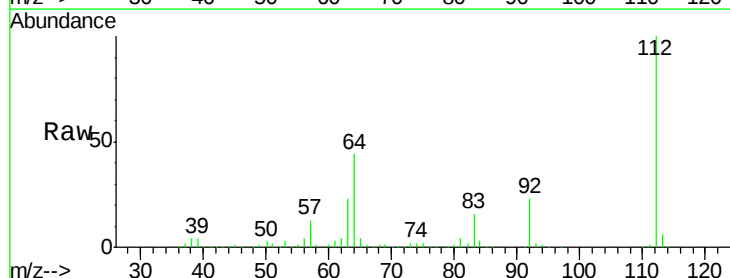
Tgt Ion:112 Resp: 390135

Ion Ratio Lower Upper

112 100

64 44.4 39.9 59.9

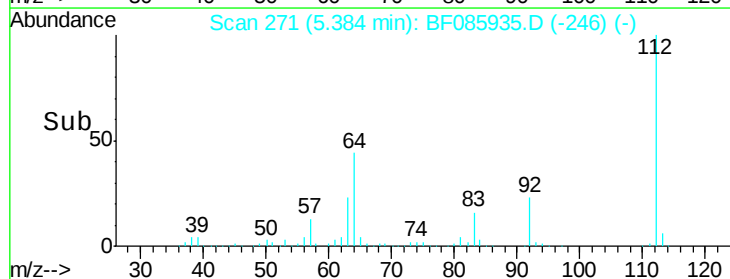
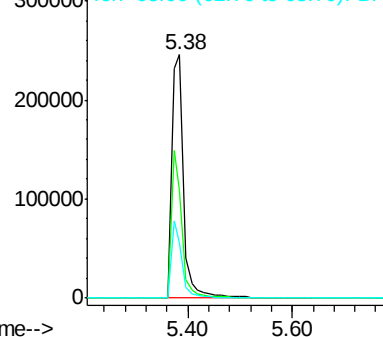
63 22.8 20.2 30.2



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: 38.74 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085935.D

Acq: 31 Mar 2016 18:52

Instrument :

BNA_F

ClientSampleId :

MW-6

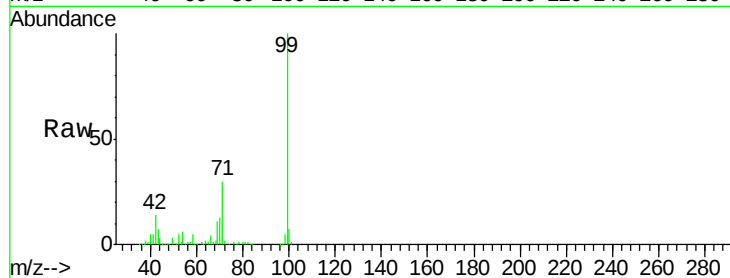
Tgt Ion: 99 Resp: 306631

Ion Ratio Lower Upper

99 100

42 13.6 11.1 16.7

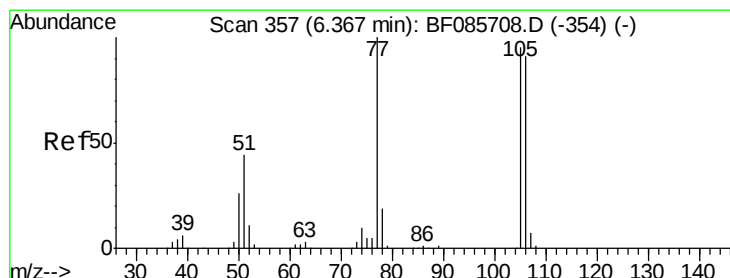
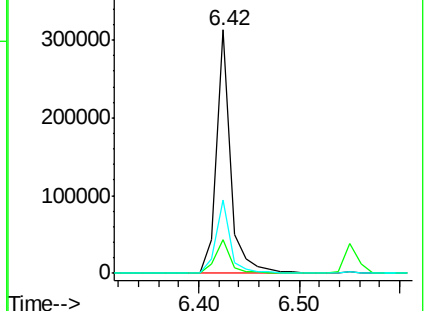
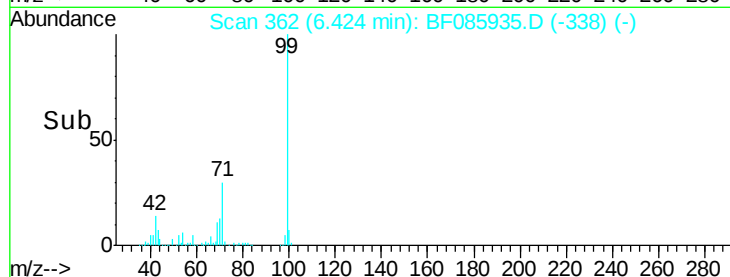
71 30.0 24.9 37.3



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: 3.03 ng

RT: 6.55 min Scan# 373

Delta R.T. 0.21 min

Lab File: BF085935.D

Acq: 31 Mar 2016 18:52

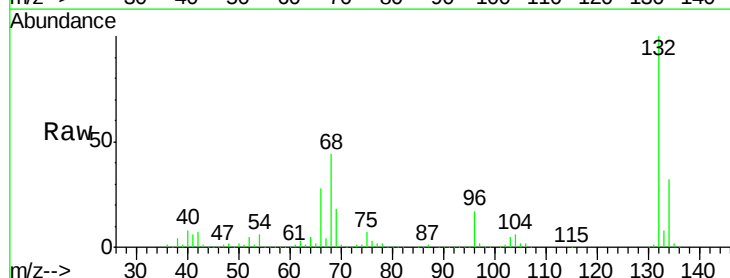
Tgt Ion: 77 Resp: 14442

Ion Ratio Lower Upper

77 100

105 79.5 80.1 120.1#

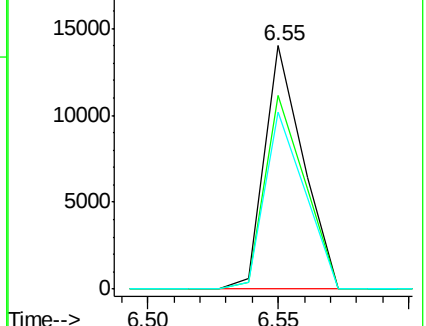
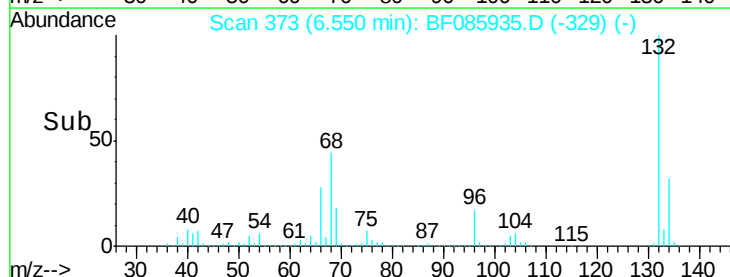
106 72.7 75.0 115.0#

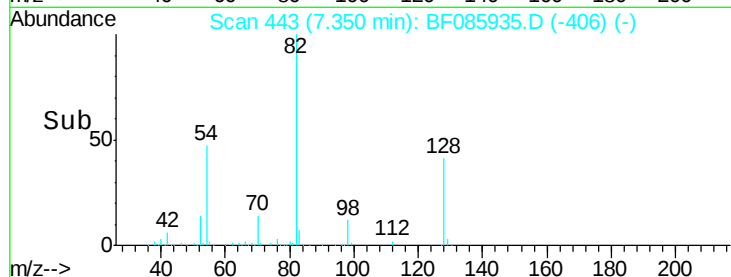
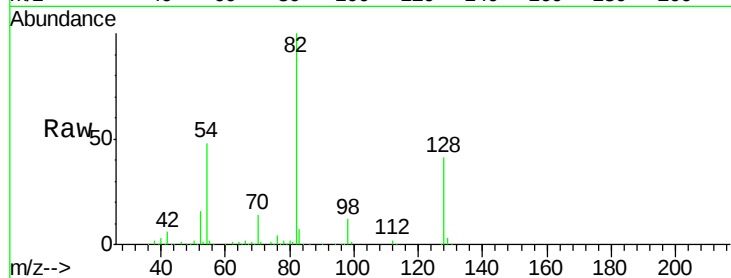
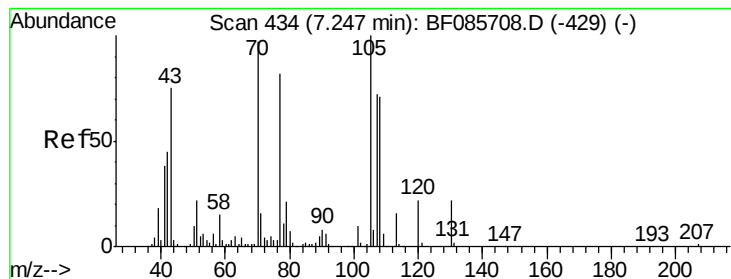


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 18.61 ng

RT: 7.35 min Scan# 443

Delta R.T. 0.13 min

Lab File: BF085935.D

Acq: 31 Mar 2016 18:52

Instrument :

BNA_F

ClientSampleId :

MW-6

Tgt Ion: 70 Resp: 88209

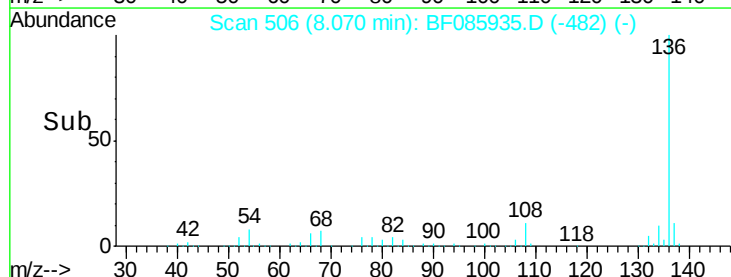
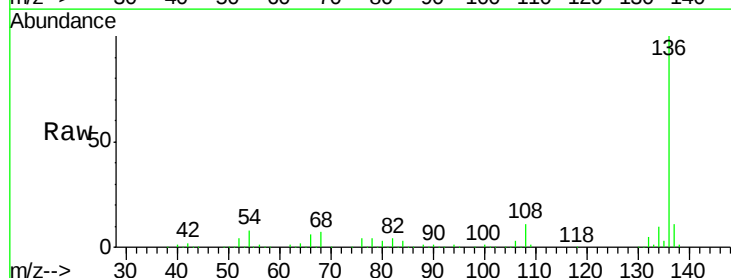
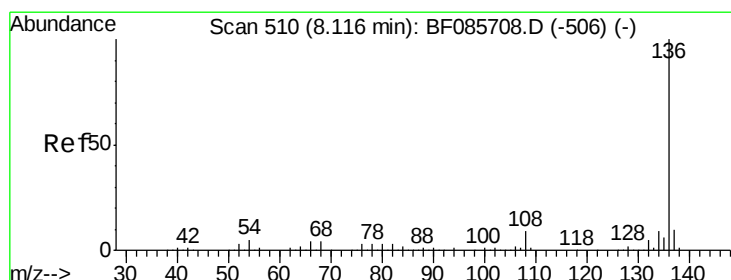
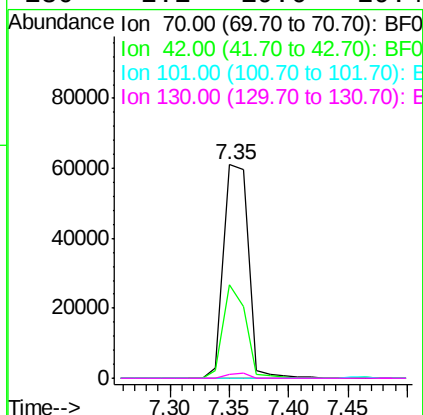
Ion Ratio Lower Upper

70 100

42 43.7 37.1 55.7

101 0.0 8.6 12.8#

130 2.1 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: BF085935.D

Acq: 31 Mar 2016 18:52

Tgt Ion: 136 Resp: 411598

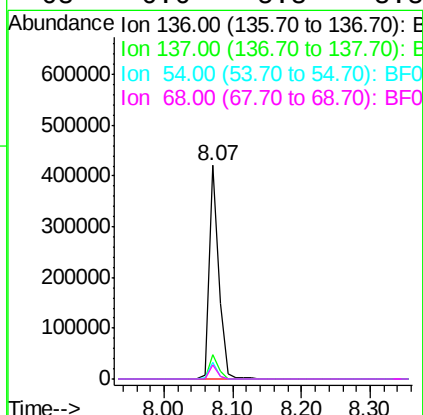
Ion Ratio Lower Upper

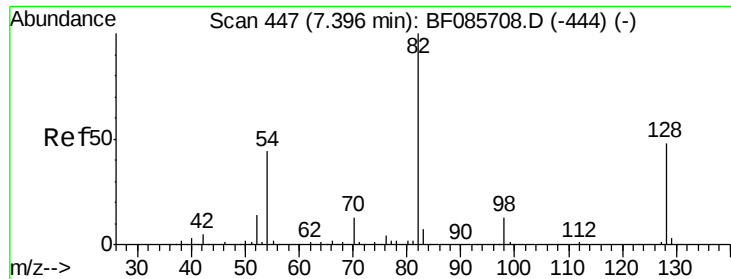
136 100

137 11.5 9.1 13.7

54 7.9 7.4 11.0

68 6.6 5.8 8.8

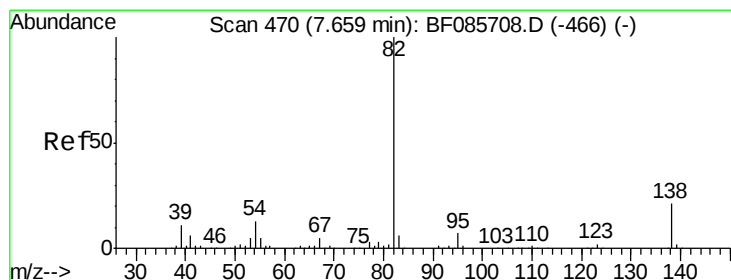
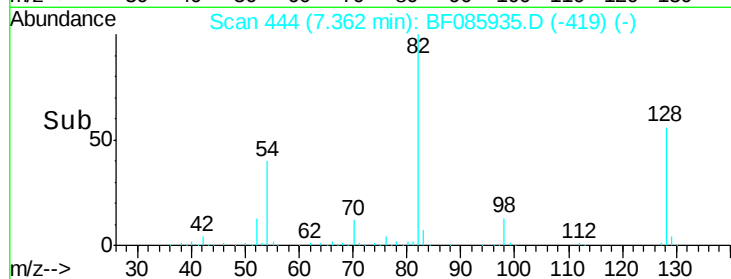
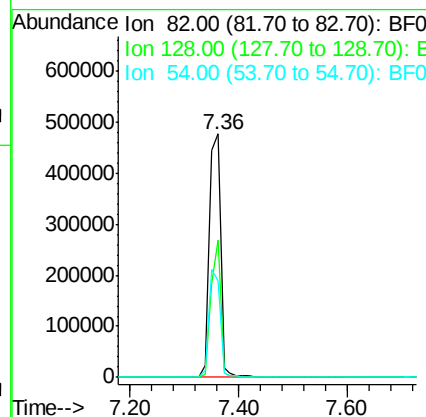
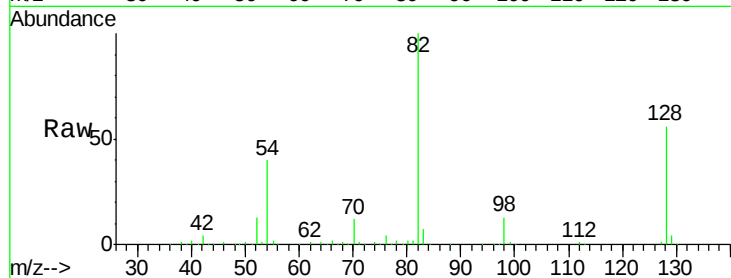




#23
 Nitrobenzene-d5
 Concen: 93.05 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085935.D
 Acq: 31 Mar 2016 18:52

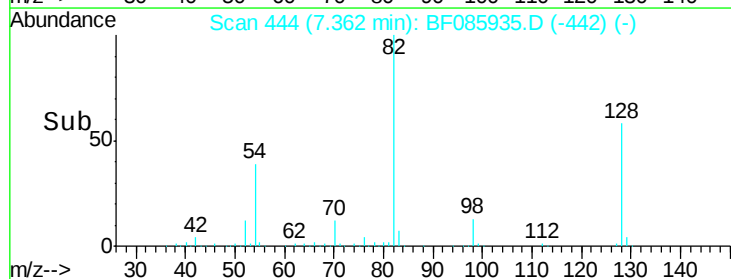
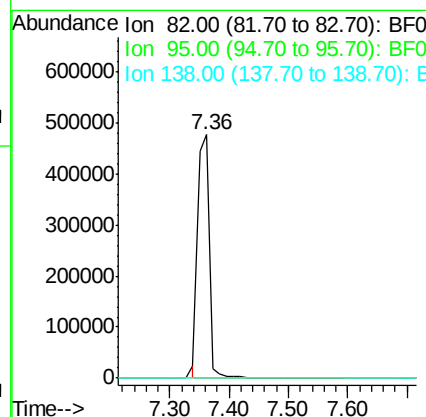
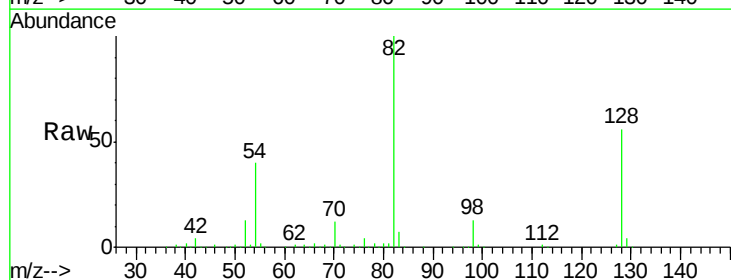
Instrument :
 BNA_F
 ClientSampleId :
 MW-6

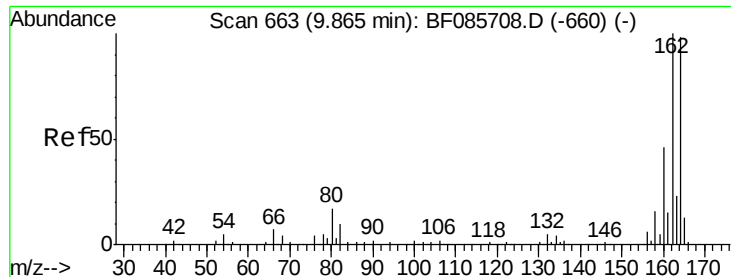
Tgt Ion: 82 Resp: 680091
 Ion Ratio Lower Upper
 82 100
 128 56.2 41.8 62.8
 54 39.6 33.4 50.0



#25
 Isophorone
 Concen: 47.21 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.27 min
 Lab File: BF085935.D
 Acq: 31 Mar 2016 18:52

Tgt Ion: 82 Resp: 664714
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF085935.D

Acq: 31 Mar 2016 18:52

Instrument :

BNA_F

ClientSampleId :

MW-6

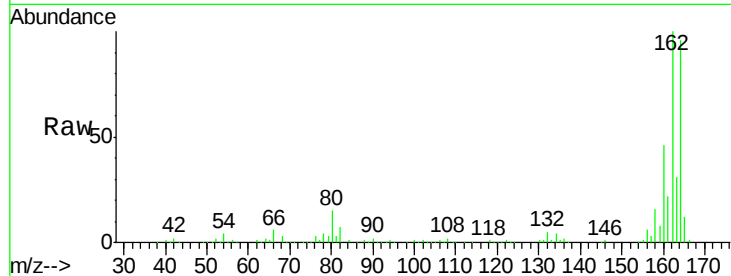
Tgt Ion:164 Resp: 181077

Ion Ratio Lower Upper

164 100

162 104.6 82.1 123.1

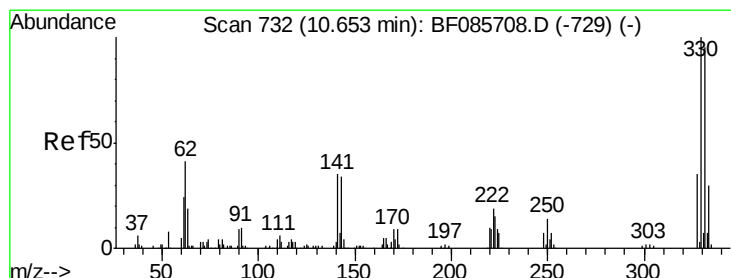
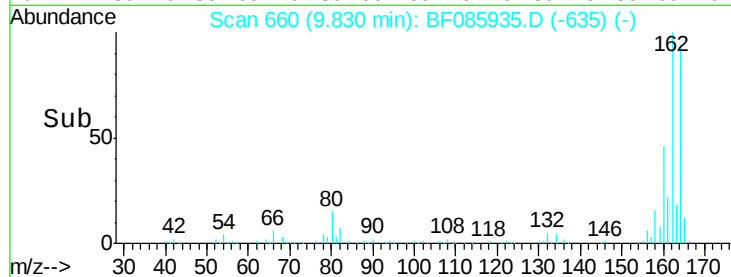
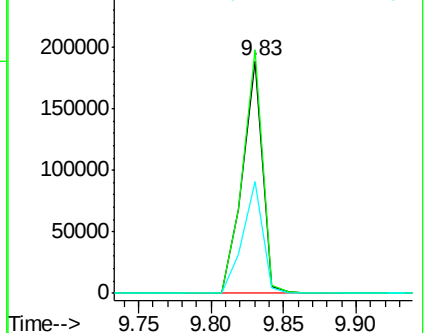
160 48.2 37.4 56.2



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: 136.05 ng

RT: 10.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF085935.D

Acq: 31 Mar 2016 18:52

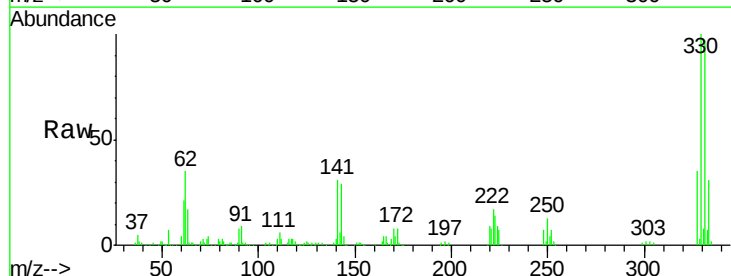
Tgt Ion:330 Resp: 234070

Ion Ratio Lower Upper

330 100

332 96.2 78.2 117.2

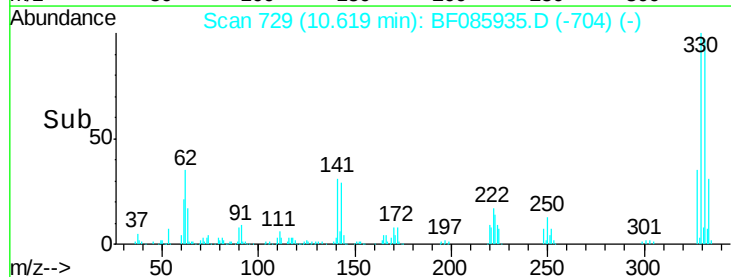
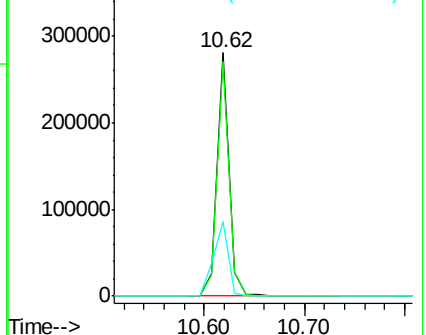
141 38.1 31.5 47.3

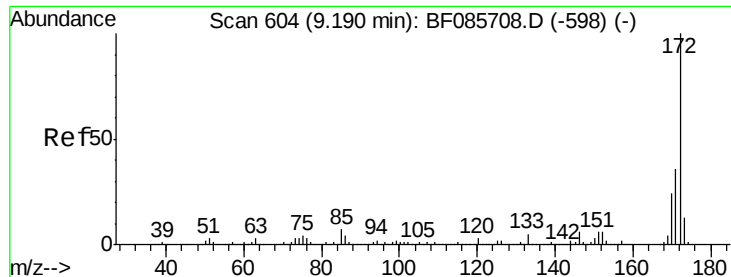


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

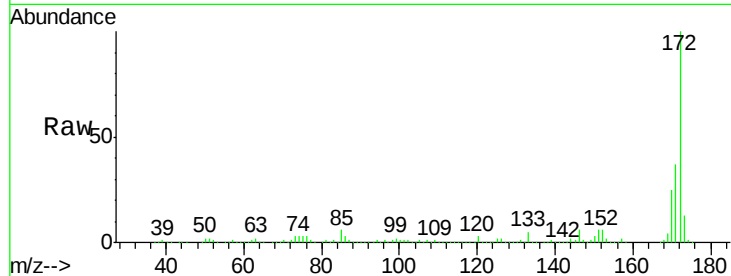




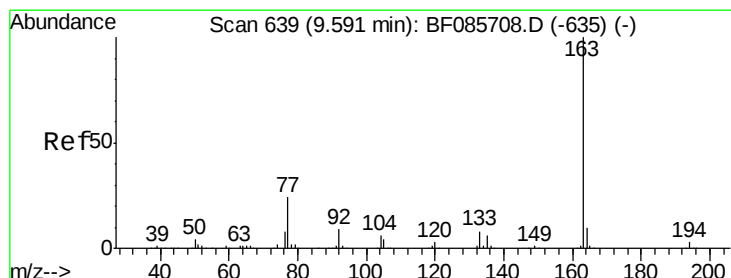
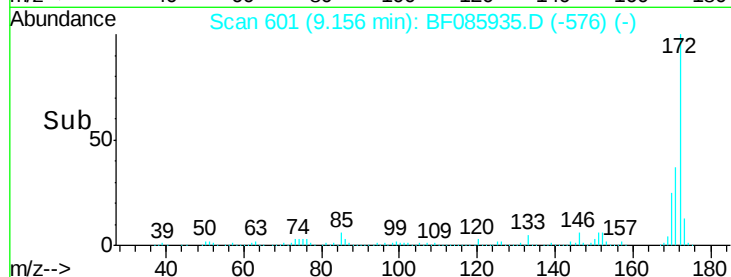
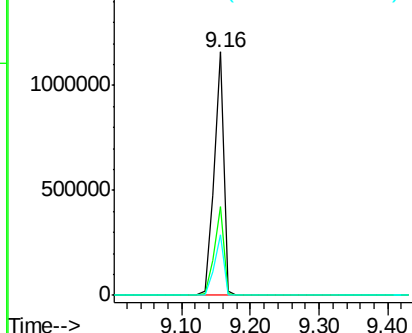
#44
 2-Fluorobiphenyl
 Concen: 106.66 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085935.D
 Acq: 31 Mar 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Tgt Ion:172 Resp: 1155961
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.7 19.8 29.6

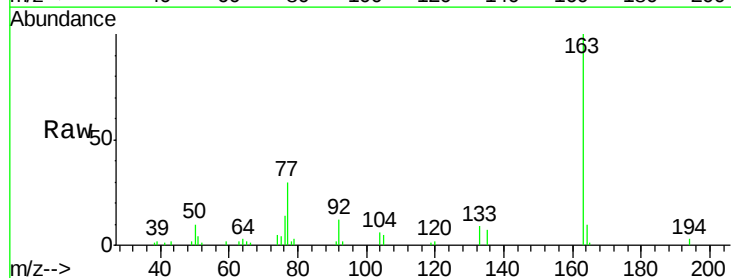


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

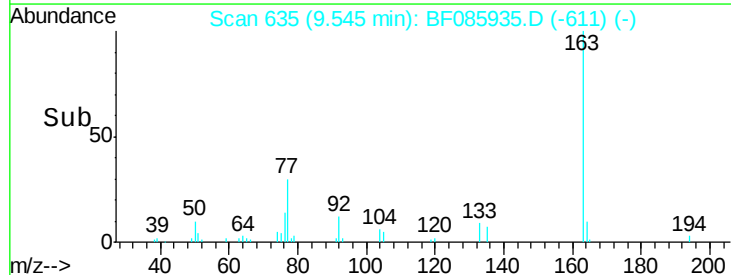
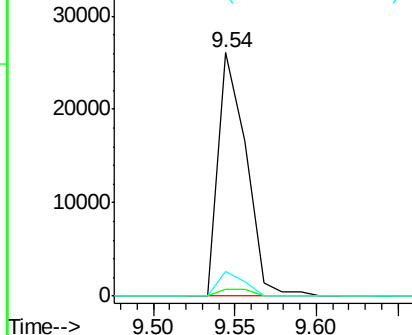


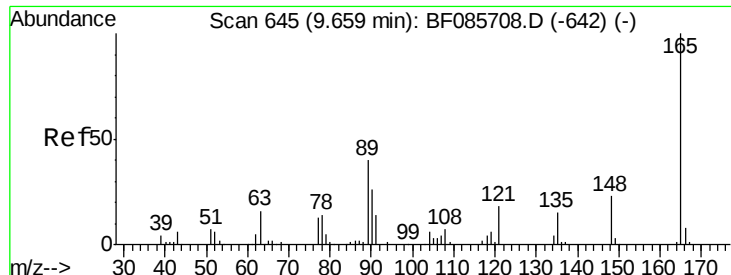
#49
 Dimethylphthalate
 Concen: 2.24 ng
 RT: 9.54 min Scan# 635
 Delta R.T. -0.02 min
 Lab File: BF085935.D
 Acq: 31 Mar 2016 18:52

Tgt Ion:163 Resp: 30811
 Ion Ratio Lower Upper
 163 100
 194 2.7 2.9 4.3#
 164 10.0 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

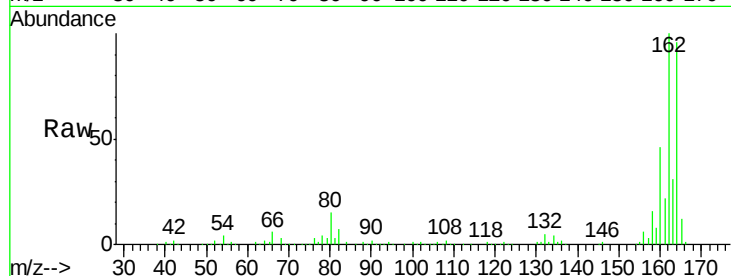




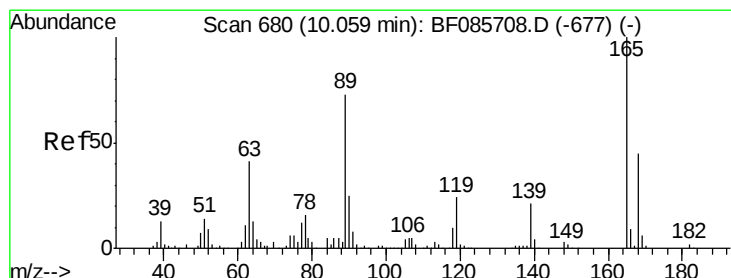
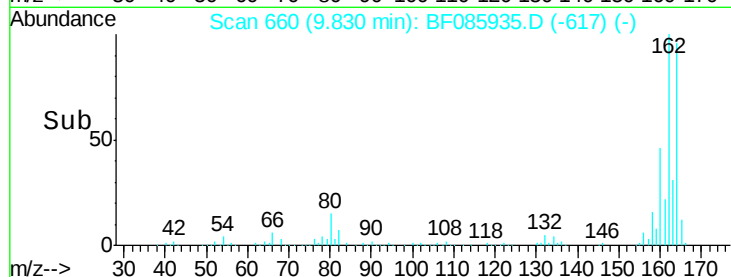
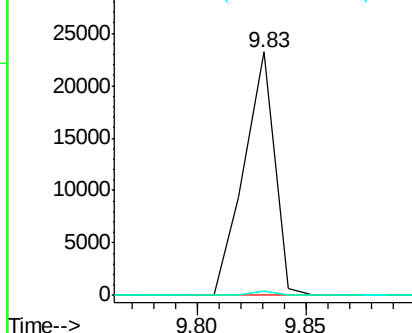
#50
 2,6-Dinitrotoluene
 Concen: 7.69 ng
 RT: 9.83 min Scan# 660
 Delta R.T. 0.19 min
 Lab File: BF085935.D
 Acq: 31 Mar 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	51.8	77.8#
89	1.7	53.7	80.5#



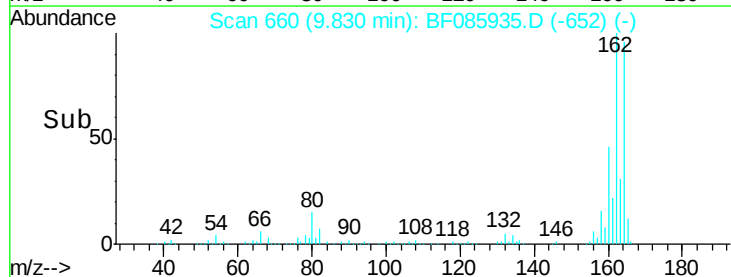
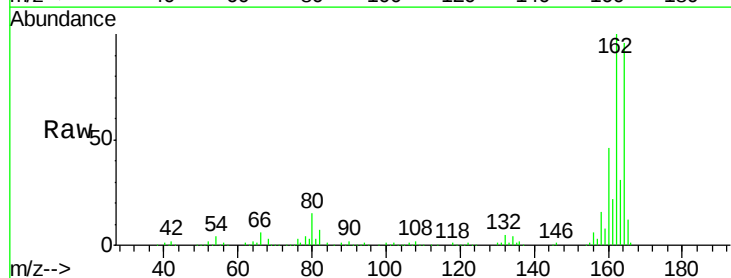
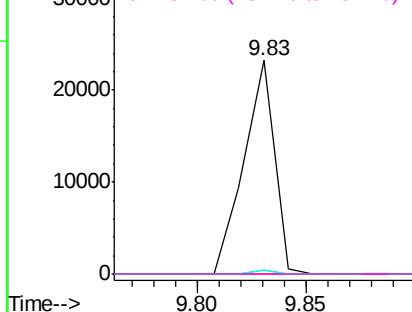
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

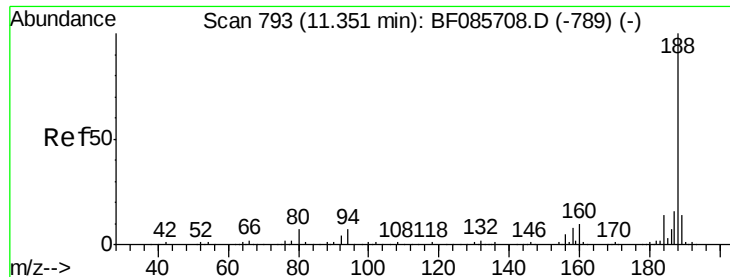


#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.21 min
 Lab File: BF085935.D
 Acq: 31 Mar 2016 18:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	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

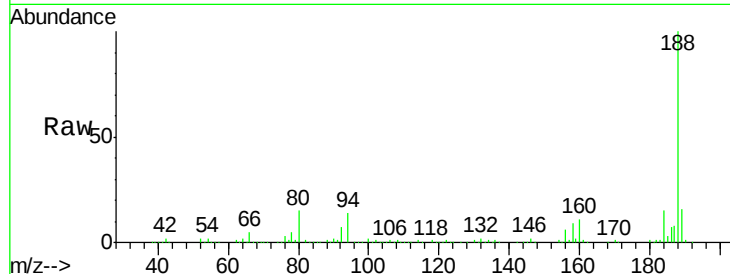




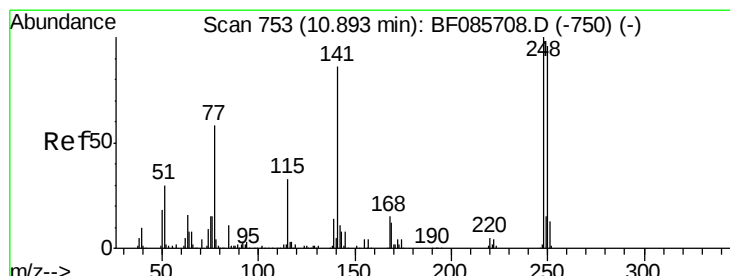
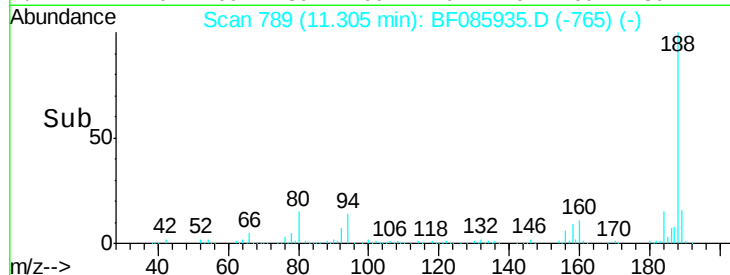
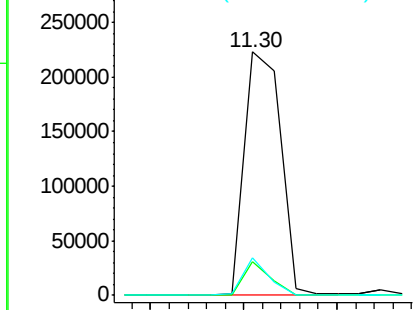
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF085935.D
Acq: 31 Mar 2016 18:52

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:188 Resp: 301774
Ion Ratio Lower Upper
188 100
94 13.6 5.4 8.0#
80 15.2 5.5 8.3#

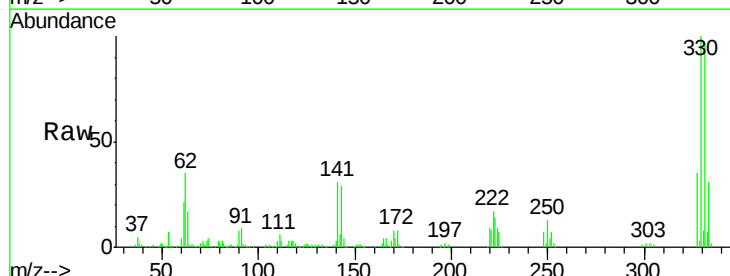


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

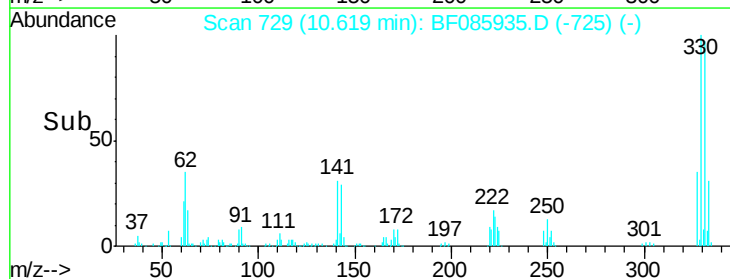
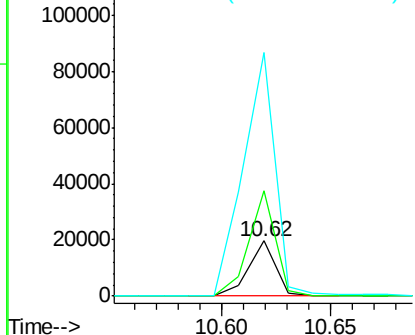


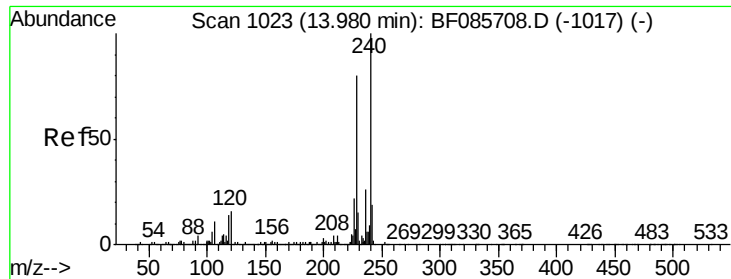
#66
4-Bromophenyl-phenylether
Concen: 5.37 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.25 min
Lab File: BF085935.D
Acq: 31 Mar 2016 18:52

Tgt Ion:248 Resp: 16565
Ion Ratio Lower Upper
248 100
250 191.3 77.4 116.0#
141 441.5 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: BF085935.D

Acq: 31 Mar 2016 18:52

Instrument :

BNA_F

ClientSampleId :

MW-6

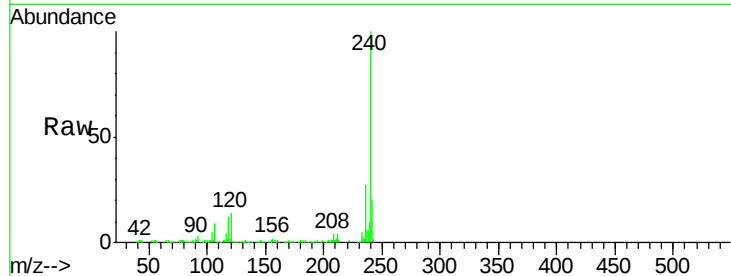
Tgt Ion:240 Resp: 193794

Ion Ratio Lower Upper

240 100

120 13.6 13.8 20.8#

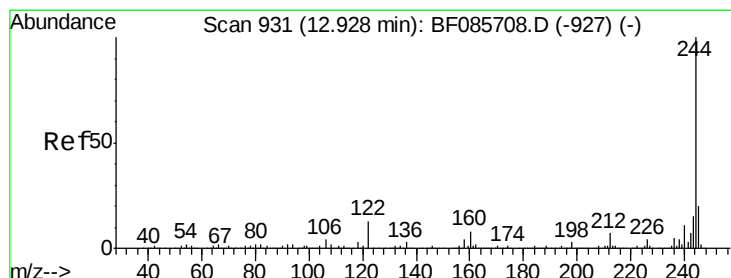
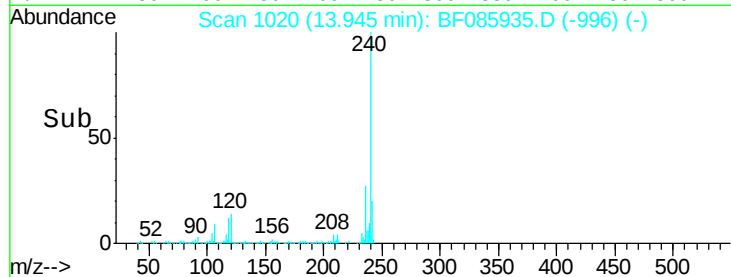
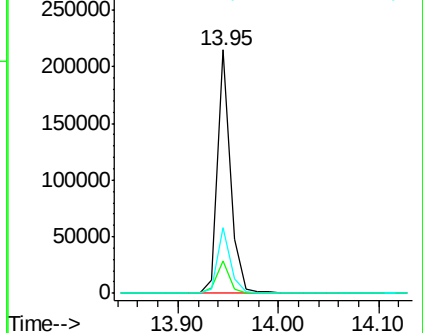
236 27.1 20.6 30.8



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: 78.78 ng

RT: 12.89 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF085935.D

Acq: 31 Mar 2016 18:52

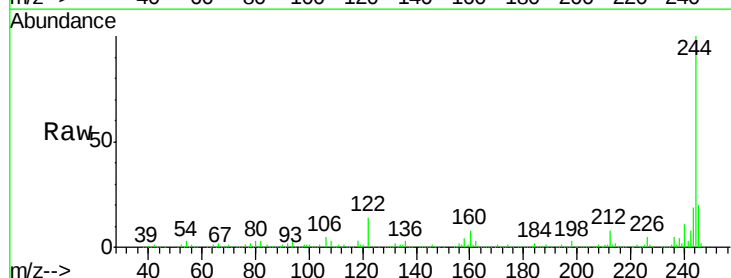
Tgt Ion:244 Resp: 742350

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

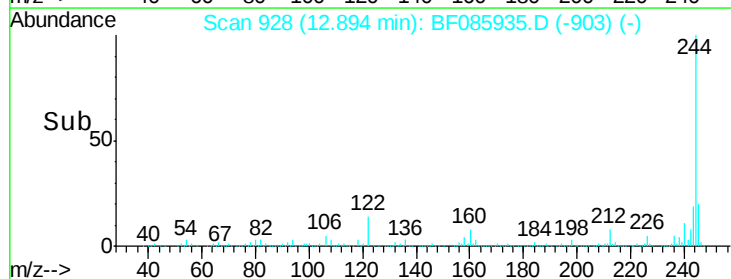
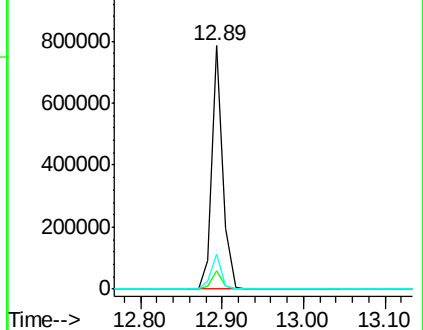
122 14.5 10.2 15.4

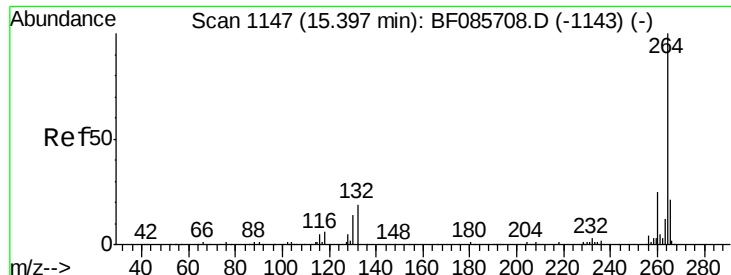


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

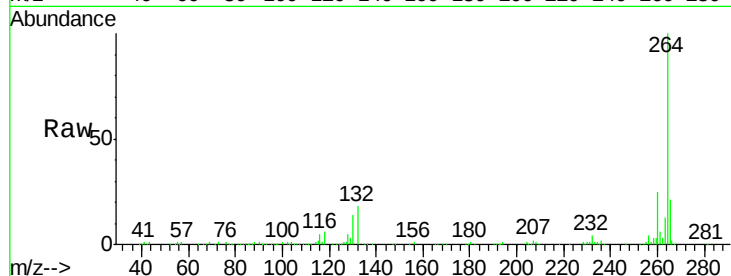




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF085935.D
Acq: 31 Mar 2016 18:52

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion: 264 Resp: 191143
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 21.1 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

