

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090735.D
 Acq On : 22 Oct 2016 2:49
 Operator : UM/SJ
 Sample : H5308-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-107S

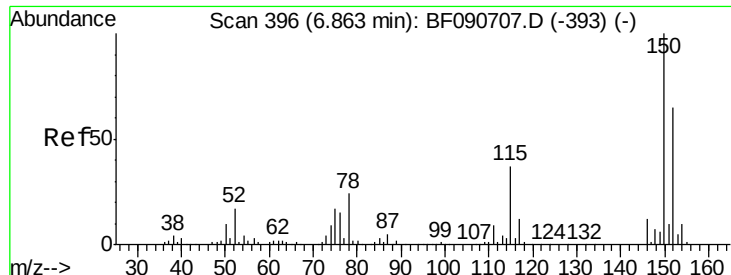
Quant Time: Oct 22 03:36:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	241632	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1031303	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	543651	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	881700	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	605211	20.00	ng	0.00
86) Perylene-d12	15.45	264	392288	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	853323	56.95	ng	0.00
7) Phenol-d6	6.49	99	713366	35.15	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1686706	89.70	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	743960	172.89	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2601412	74.28	ng	-0.01
78) Terphenyl-d14	12.97	244	2613892	98.99	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	32661	2.94	ng	# 64
19) n-Nitroso-di-n-propylamine	7.42	70	223920	14.82	ng	# 51
50) 2,6-Dinitrotoluene	9.89	165	69208	9.42	ng	# 38
56) 2,4-Dinitrotoluene	9.89	165	70028	7.80	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	1153	4.36	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	46787	5.47	ng	# 1

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

```
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Data File : BF090735.D  
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Sample    : H5308-10  
Misc      :  
ALS Vial  : 15    Sample Multiplier: 1
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF090735.D

Acq: 22 Oct 2016 2:49

Instrument :

BNA_F

ClientSampleId :

MW-107S

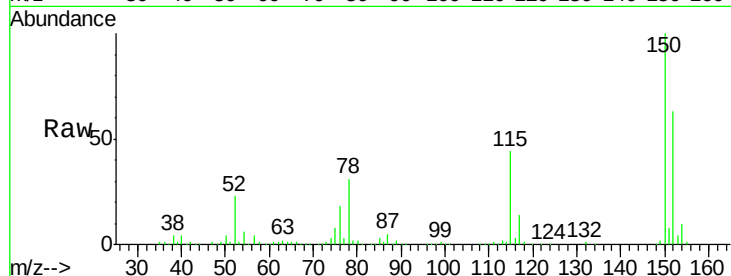
Tgt Ion:152 Resp: 241632

Ion Ratio Lower Upper

152 100

150 159.6 124.7 187.1

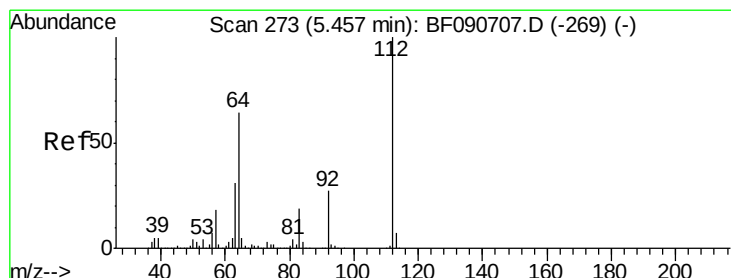
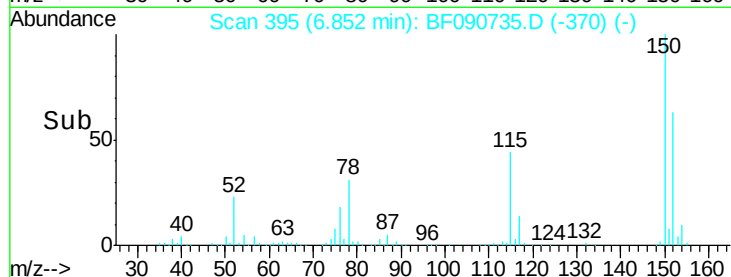
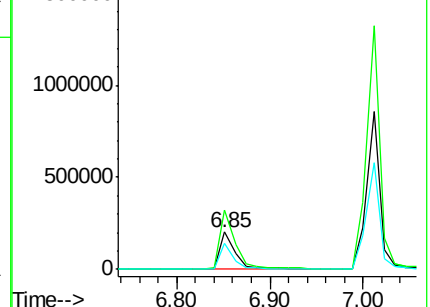
115 69.5 39.0 58.4#



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: 56.95 ng

RT: 5.46 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF090735.D

Acq: 22 Oct 2016 2:49

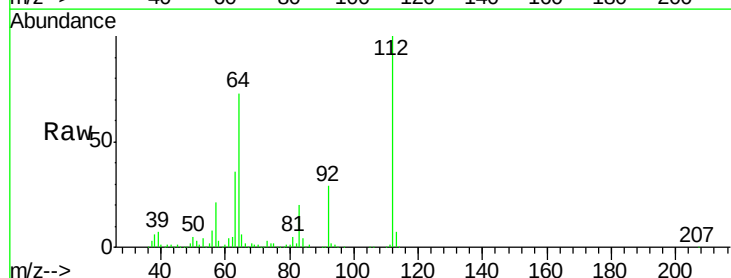
Tgt Ion:112 Resp: 853323

Ion Ratio Lower Upper

112 100

64 73.0 39.7 59.5#

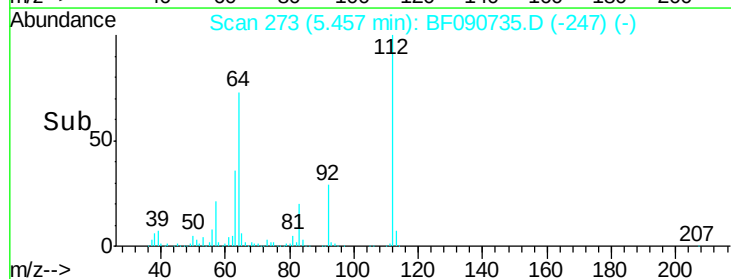
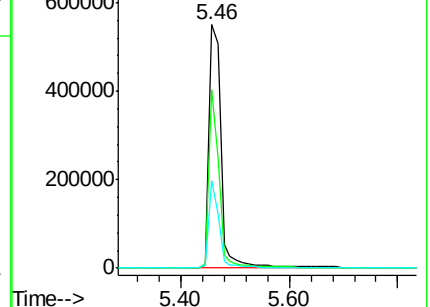
63 35.7 17.4 26.0#

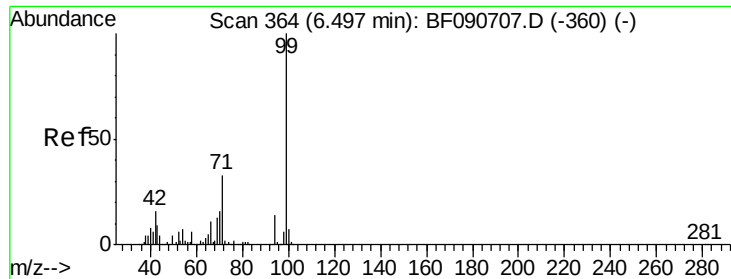


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.15 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090735.D

Acq: 22 Oct 2016 2:49

Instrument :

BNA_F

ClientSampleId :

MW-107S

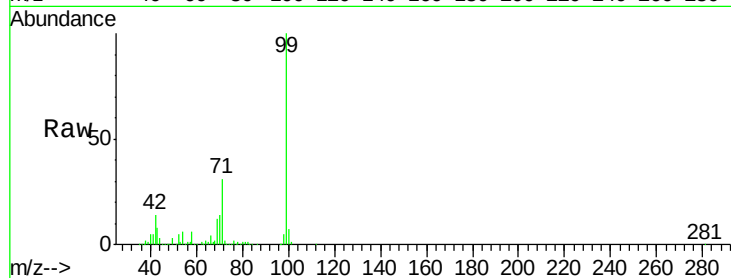
Tgt Ion: 99 Resp: 713366

Ion Ratio Lower Upper

99 100

42 14.1 13.7 20.5

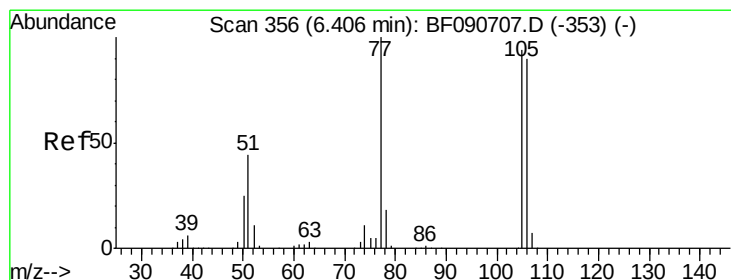
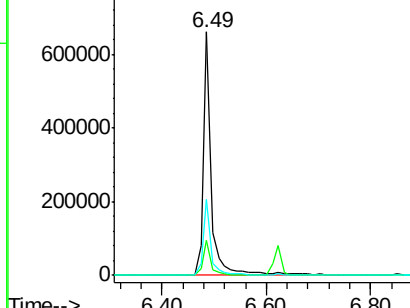
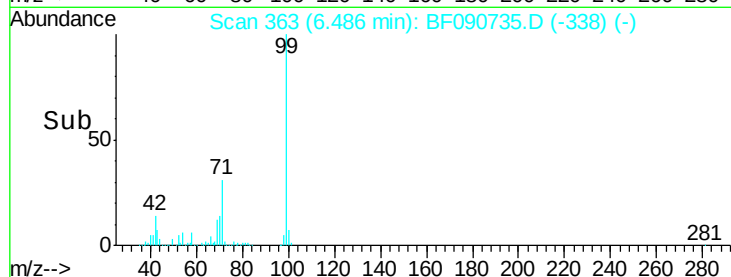
71 31.3 14.2 21.2#



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: 2.94 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.22 min

Lab File: BF090735.D

Acq: 22 Oct 2016 2:49

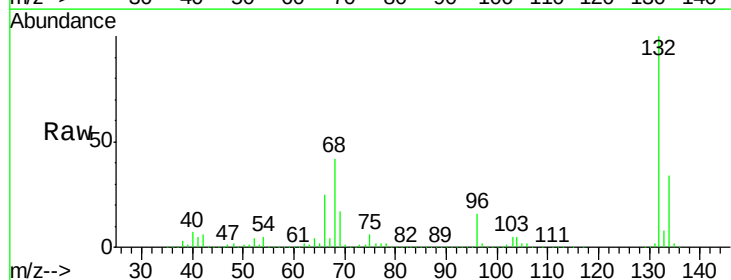
Tgt Ion: 77 Resp: 32661

Ion Ratio Lower Upper

77 100

105 83.5 91.6 131.6#

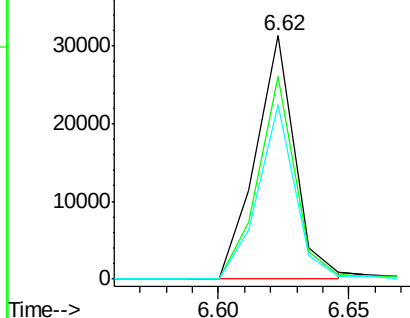
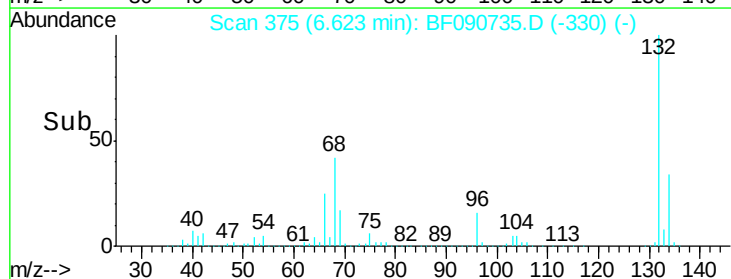
106 71.6 102.6 142.6#

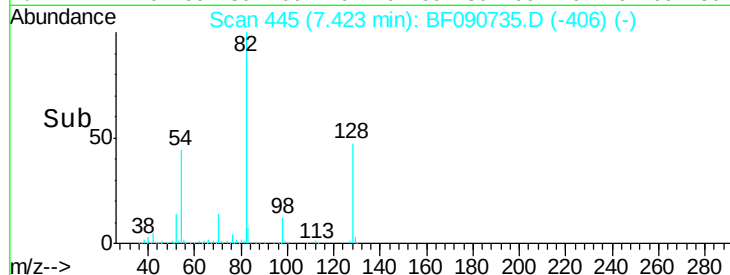
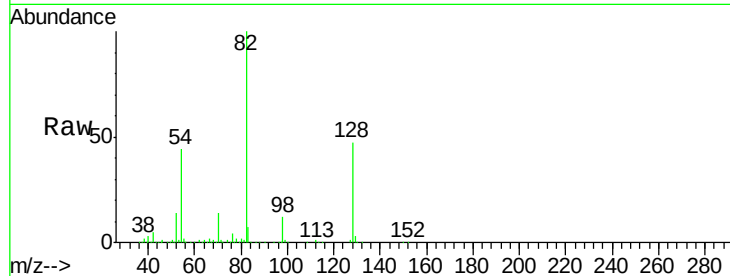
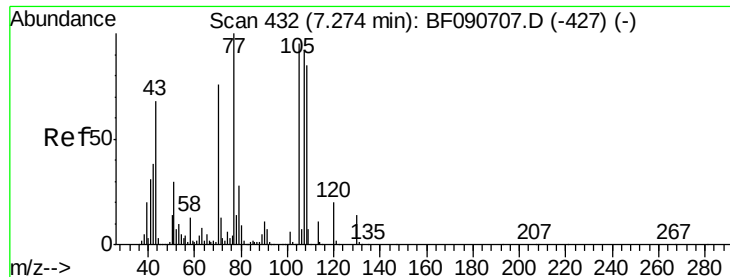


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

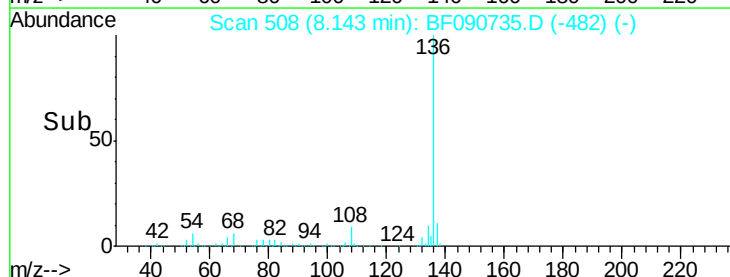
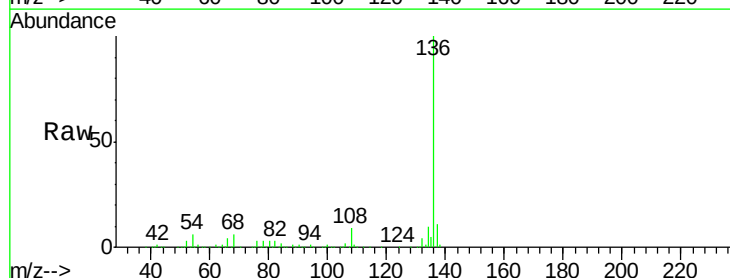
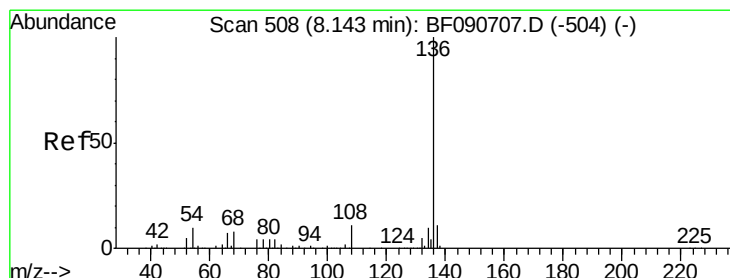
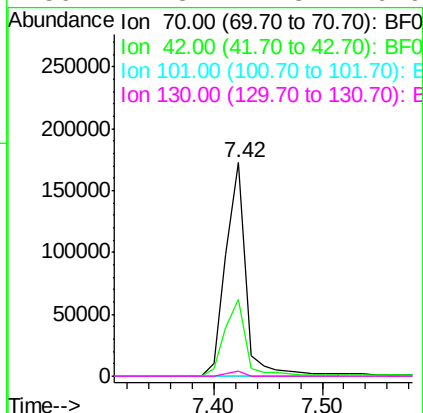




#19
n-Nitroso-di-n-propylamine
Concen: 14.82 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.15 min
Lab File: BF090735.D
Acq: 22 Oct 2016 2:49

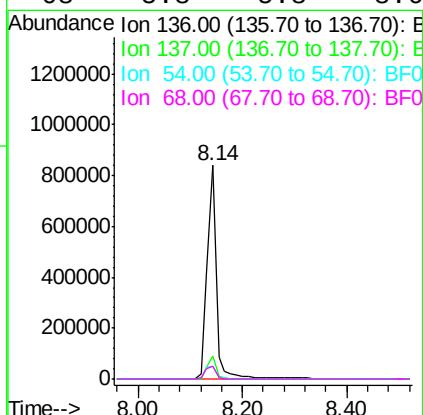
Instrument :
BNA_F
ClientSampleId :
MW-107S

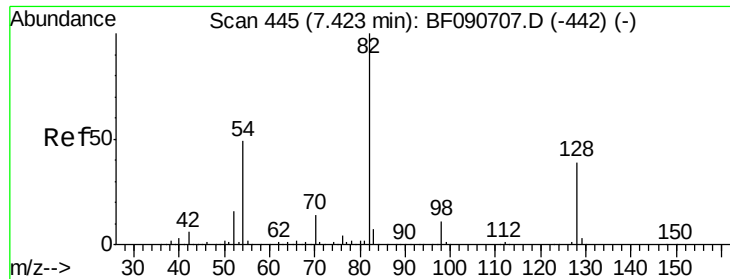
Tgt Ion:	70	Resp:	223920
Ion	Ratio	Lower	Upper
70	100		
42	36.2	63.8	95.6#
101	0.0	9.2	13.8#
130	2.3	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090735.D
Acq: 22 Oct 2016 2:49

Tgt Ion:	136	Resp:	1031303
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	6.1	8.2	12.2#
68	5.8	5.8	8.6#

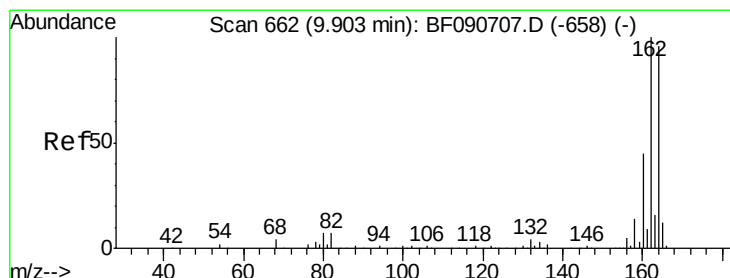
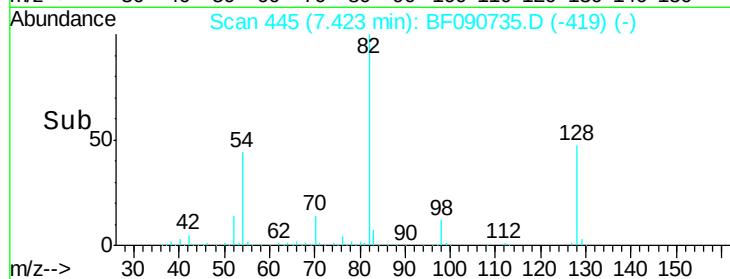
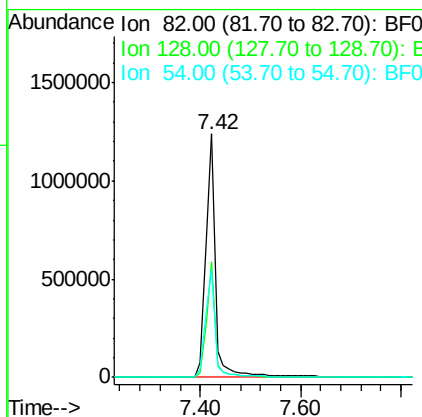
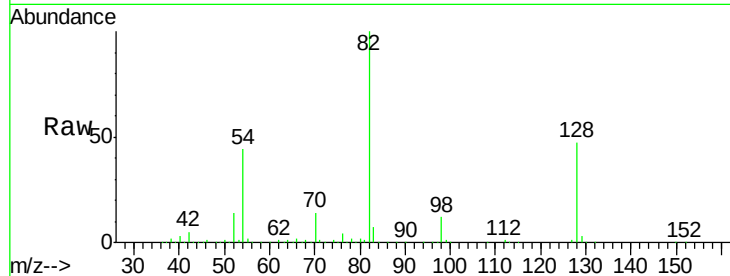




#23
 Nitrobenzene-d5
 Concen: 89.70 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF090735.D
 Acq: 22 Oct 2016 2:49

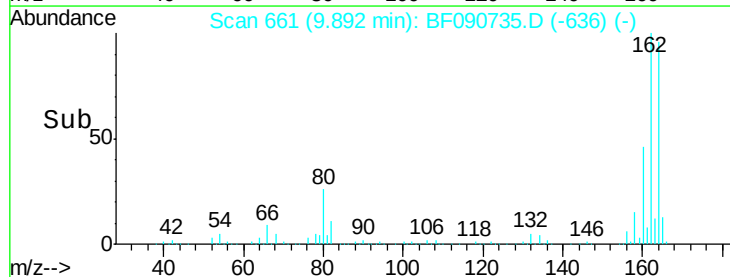
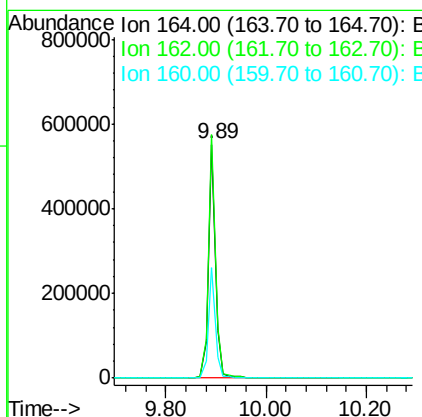
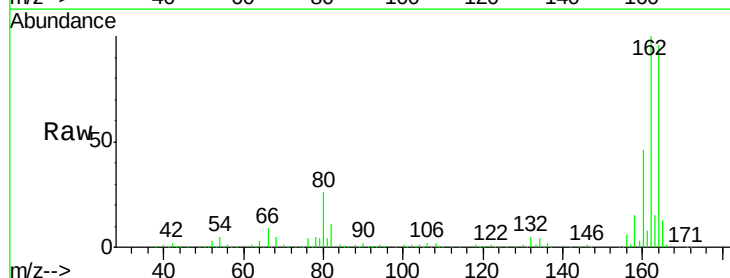
Instrument :
 BNA_F
 ClientSampleId :
 MW-107S

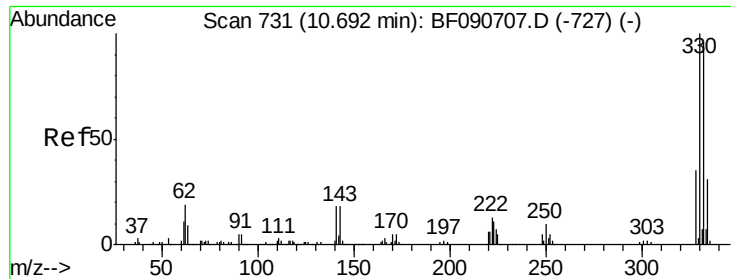
Tgt Ion: 82 Resp: 1686706
 Ion Ratio Lower Upper
 82 100
 128 47.4 51.0 76.6#
 54 44.4 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090735.D
 Acq: 22 Oct 2016 2:49

Tgt Ion: 164 Resp: 543651
 Ion Ratio Lower Upper
 164 100
 162 104.2 75.2 112.8
 160 47.4 31.5 47.3#

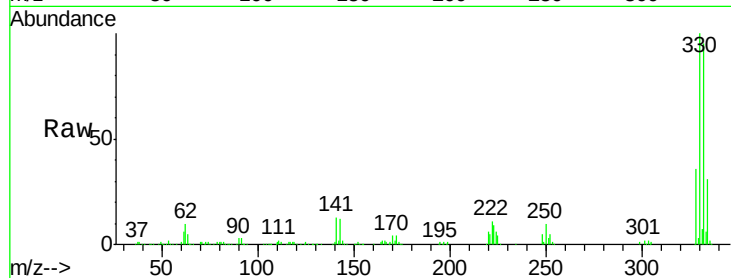




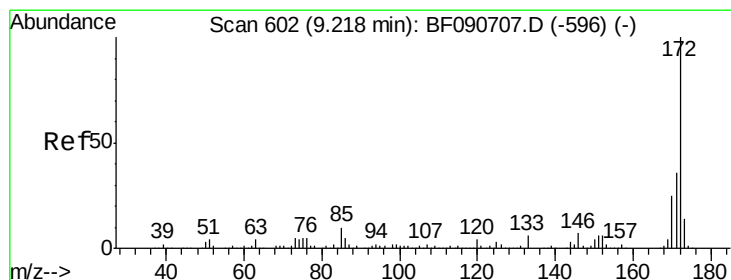
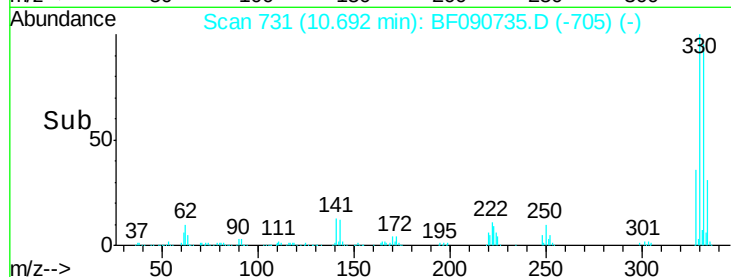
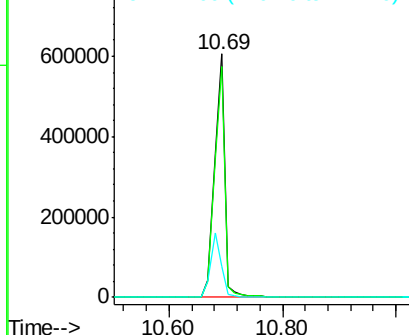
#41
 2,4,6-Tribromophenol
 Concen: 172.89 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090735.D
 Acq: 22 Oct 2016 2:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-107S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	114.8
141	28.3	29.7	44.5#

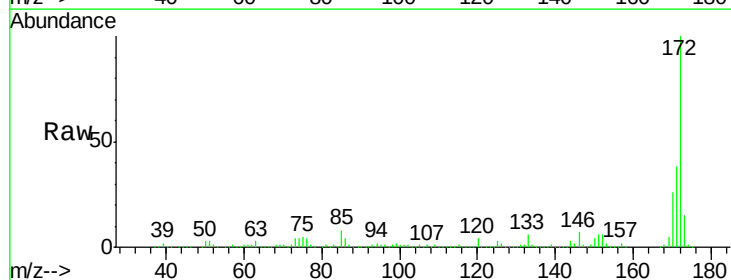


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

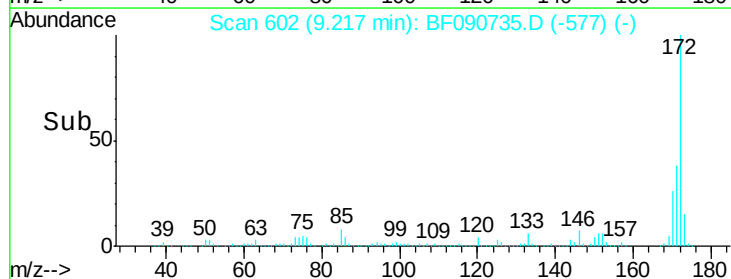
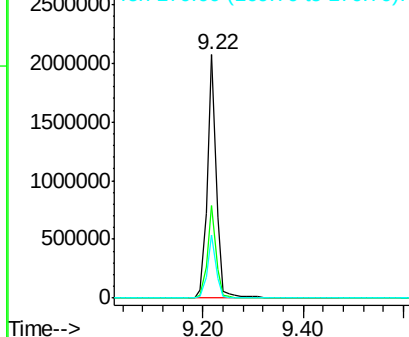


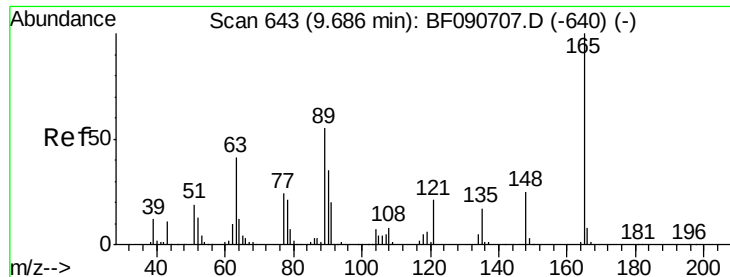
#44
 2-Fluorobiphenyl
 Concen: 74.28 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090735.D
 Acq: 22 Oct 2016 2:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	26.1	39.1
170	26.1	17.4	26.2



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

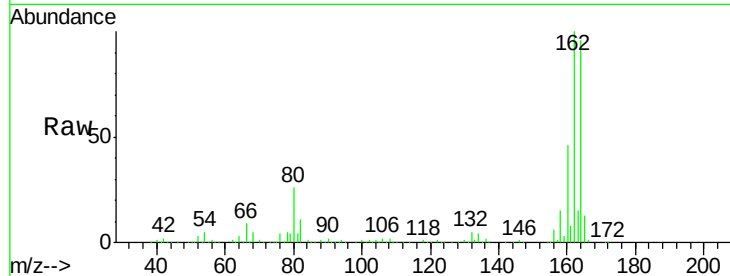




#50
2,6-Dinitrotoluene
Concen: 9.42 ng
RT: 9.89 min Scan# 661
Delta R.T. 0.21 min
Lab File: BF090735.D
Acq: 22 Oct 2016 2:49

Instrument :
BNA_F
ClientSampleId :
MW-107S

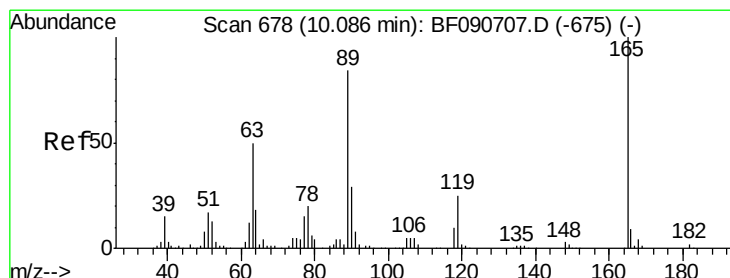
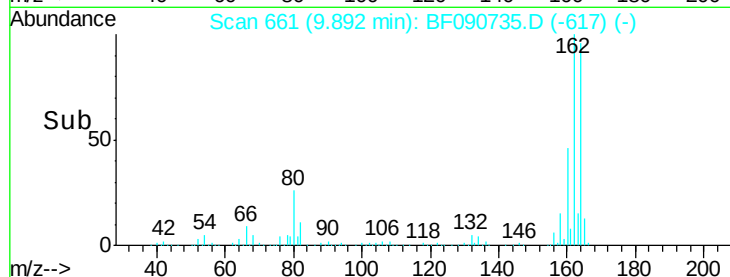
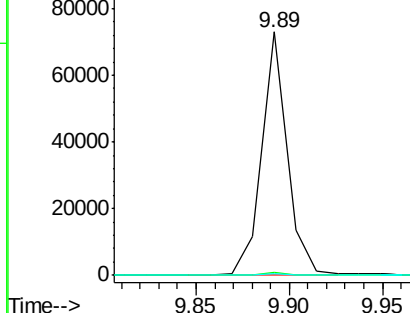
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.3	48.5#
89	0.9	28.6	43.0#



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



#56
2,4-Dinitrotoluene
Concen: 7.80 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.19 min
Lab File: BF090735.D
Acq: 22 Oct 2016 2:49

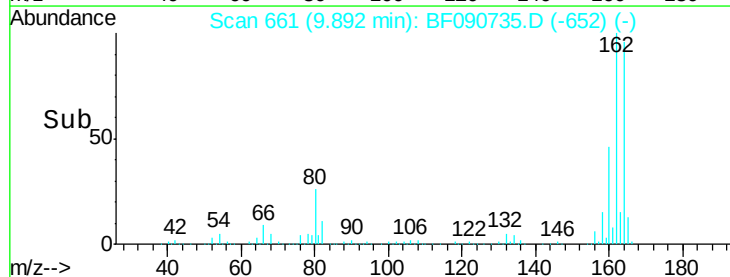
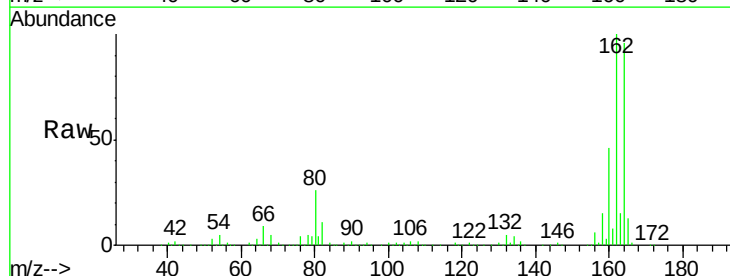
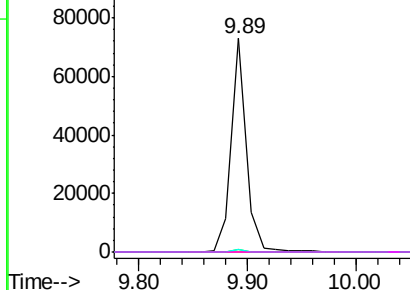
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.6#
89	0.9	44.5	66.7#
182	0.0	3.0	4.4#

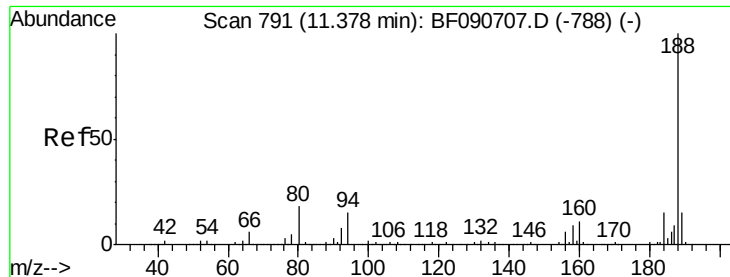
Abundance Ion 165.00 (164.70 to 165.70): E

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

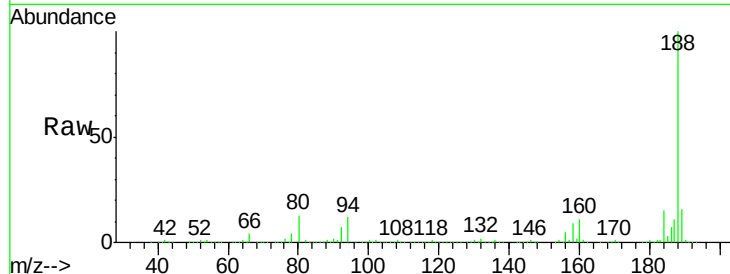




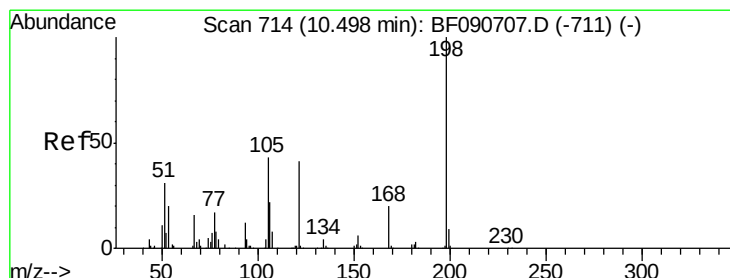
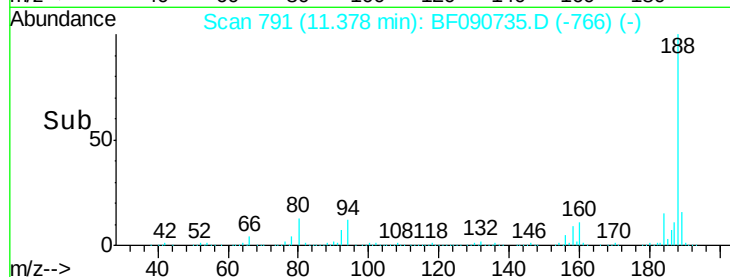
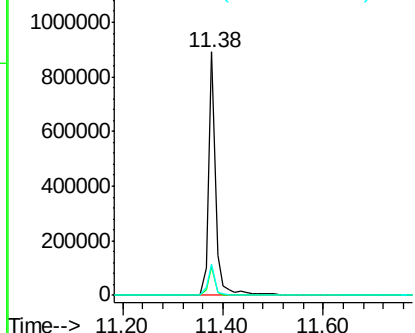
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090735.D
 Acq: 22 Oct 2016 2:49

Instrument :
 BNA_F
 ClientSampleID :
 MW-107S

Tgt Ion:188 Resp: 881700
 Ion Ratio Lower Upper
 188 100
 94 11.6 11.1 16.7
 80 12.9 11.0 16.4

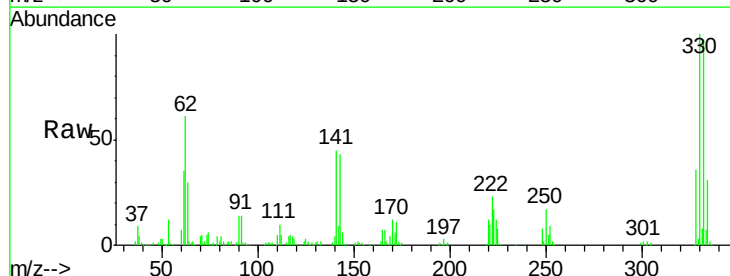


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

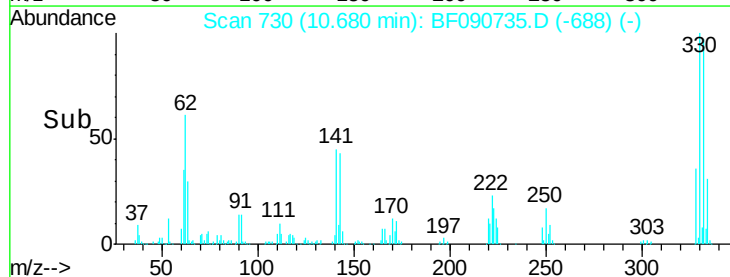
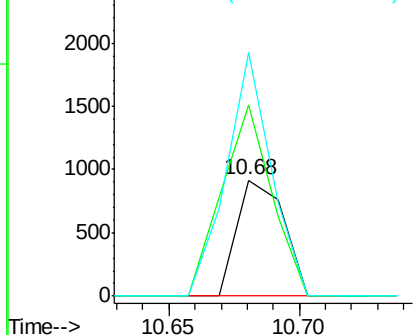


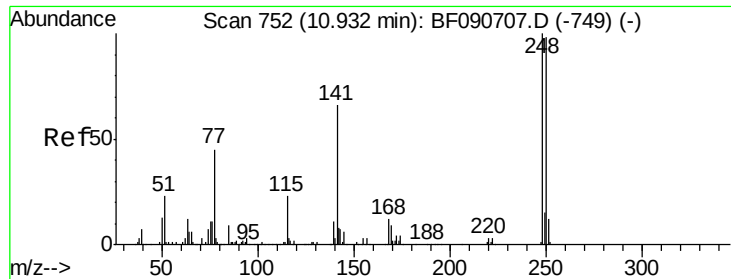
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.36 ng
 RT: 10.68 min Scan# 730
 Delta R.T. 0.18 min
 Lab File: BF090735.D
 Acq: 22 Oct 2016 2:49

Tgt Ion:198 Resp: 1153
 Ion Ratio Lower Upper
 198 100
 51 165.1 39.6 79.6#
 105 210.6 28.5 68.5#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

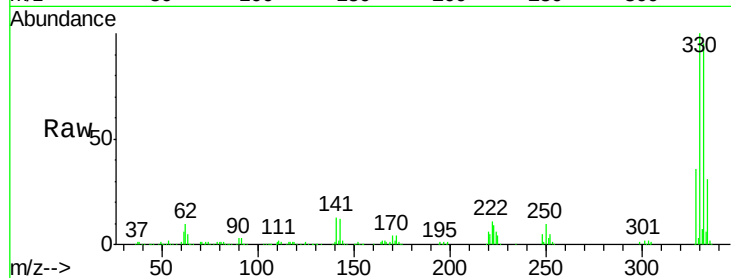




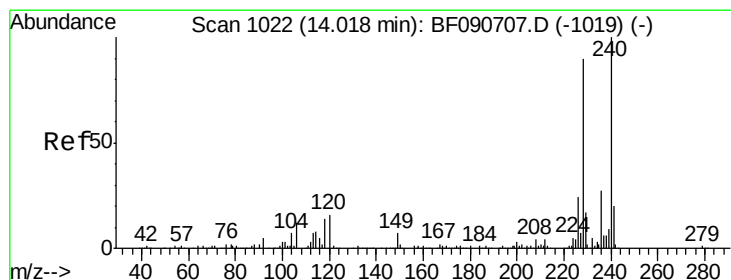
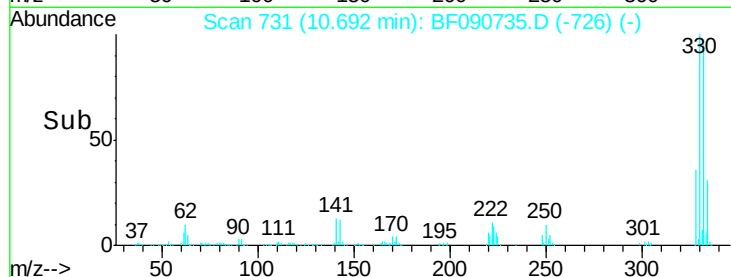
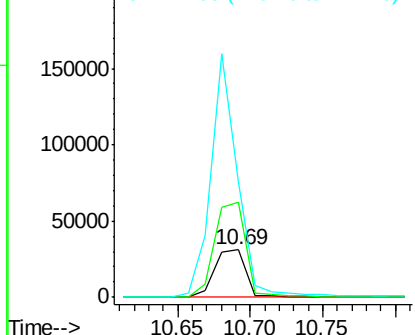
#66
 4-Bromophenyl-phenylether
 Concen: 5.47 ng
 RT: 10.69 min Scan# 731
 Delta R.T. -0.24 min
 Lab File: BF090735.D
 Acq: 22 Oct 2016 2:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-107S

Tgt Ion:248 Resp: 46787
 Ion Ratio Lower Upper
 248 100
 250 200.9 78.5 117.7#
 141 245.6 59.0 88.6#

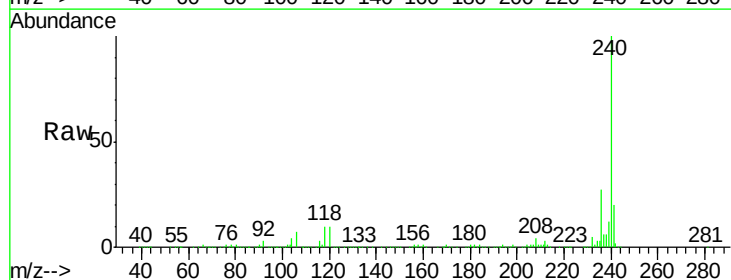


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

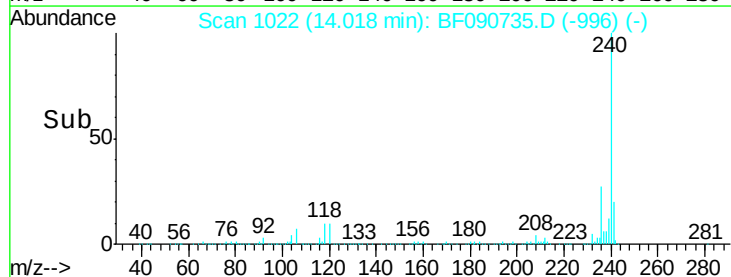
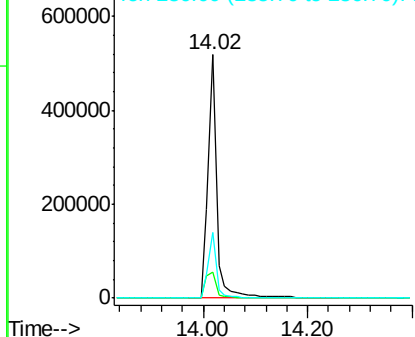


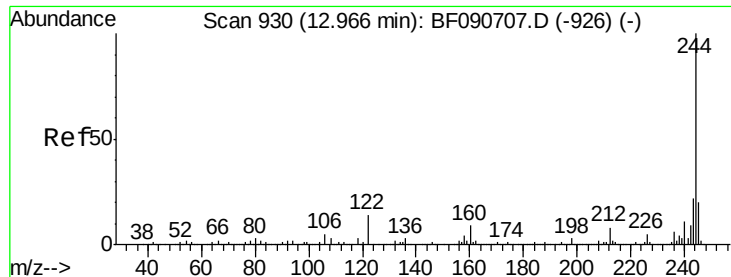
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF090735.D
 Acq: 22 Oct 2016 2:49

Tgt Ion:240 Resp: 605211
 Ion Ratio Lower Upper
 240 100
 120 10.5 16.2 24.2#
 236 26.9 18.4 27.6



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

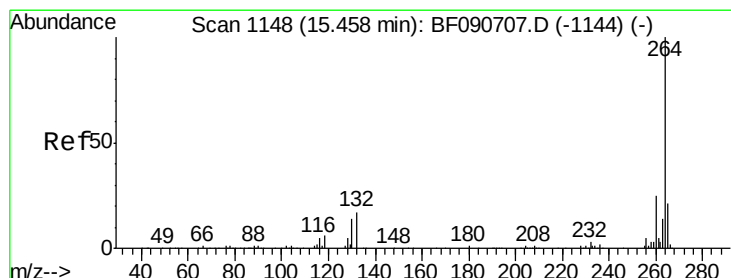
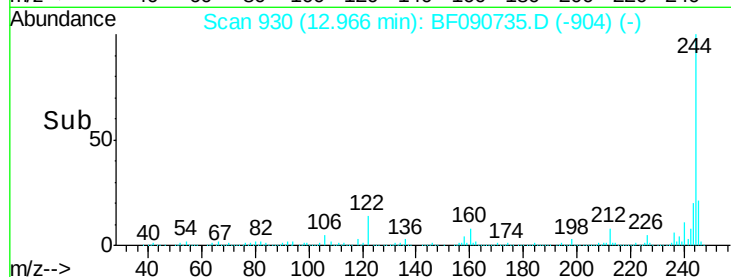
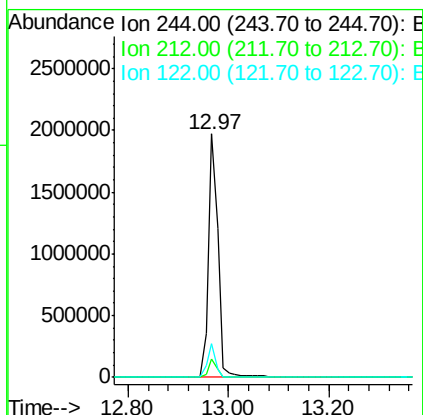
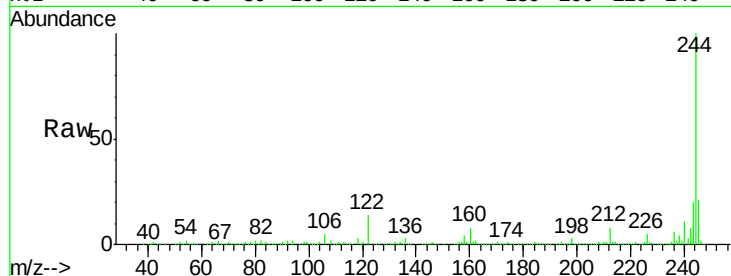




#78
 Terphenyl-d14
 Concen: 98.99 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090735.D
 Acq: 22 Oct 2016 2:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-107S

Tgt Ion:244 Resp: 2613892
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.3 6.5#
 122 13.6 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090735.D
 Acq: 22 Oct 2016 2:49

Tgt Ion:264 Resp: 392288
 Ion Ratio Lower Upper
 264 100
 260 24.9 16.7 25.1
 265 21.8 17.2 25.8

