

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090737.D
 Acq On : 22 Oct 2016 3:44
 Operator : UM/SJ
 Sample : H5308-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-105S

Quant Time: Oct 22 05:07:41 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	259902	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1071992	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	521160	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	824098	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	517800	20.00	ng	0.00
86) Perylene-d12	15.45	264	374683	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	850875	52.80	ng	0.00
7) Phenol-d6	6.49	99	689896	31.61	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1748858	89.48	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	674663	163.56	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2517523	74.99	ng	-0.01
78) Terphenyl-d14	12.98	244	2544292	112.61	ng	0.01

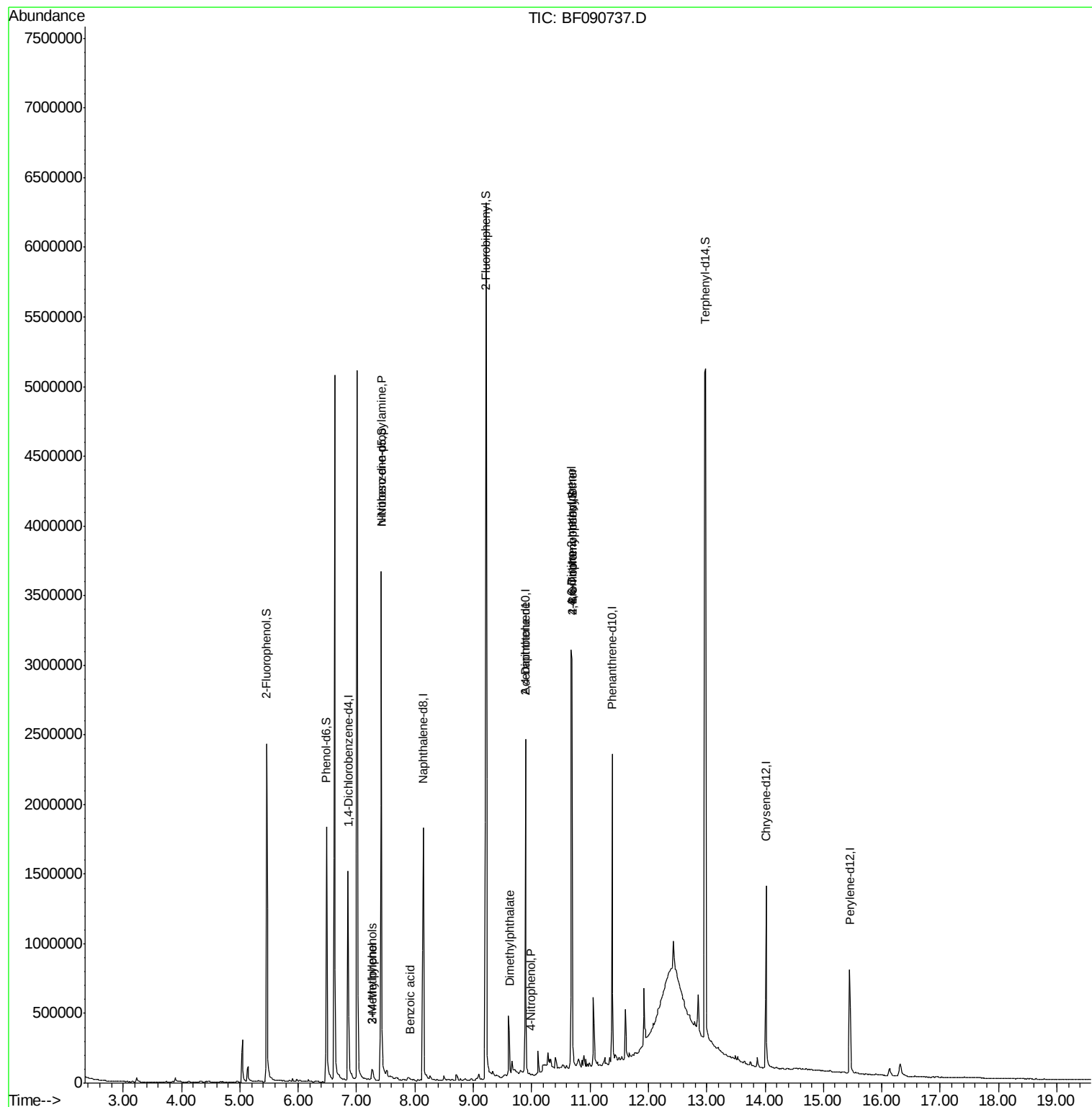
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) 2-Methylphenol	7.26	107	43538	2.99	ng	# 72
19) n-Nitroso-di-n-propylamine	7.42	70	240606	14.80	ng	# 52
20) 3+4-Methylphenols	7.26	107	49727	2.88	ng	82
32) Benzoic acid	7.91	122	223	7.57	ng	# 52
49) Dimethylphthalate	9.62	163	254982	7.79	ng	# 96
55) 4-Nitrophenol	9.98	139	221	5.98	ng	# 1
56) 2,4-Dinitrotoluene	9.89	165	68164	7.92	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.68	198	1278	4.40	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	43178	5.40	ng	# 1

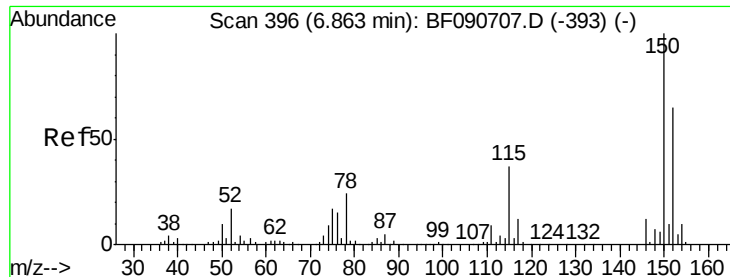
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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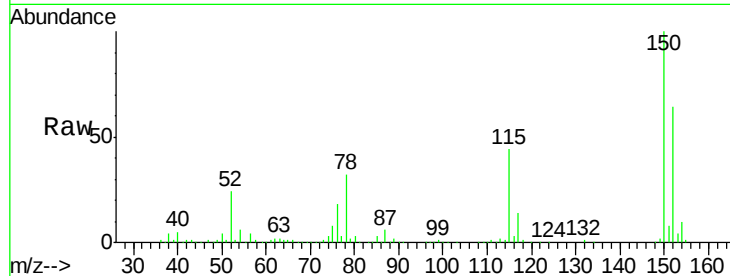


#1

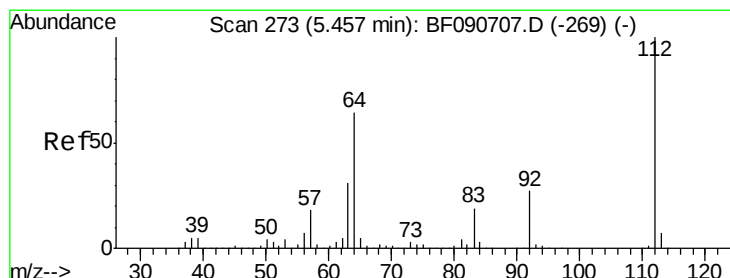
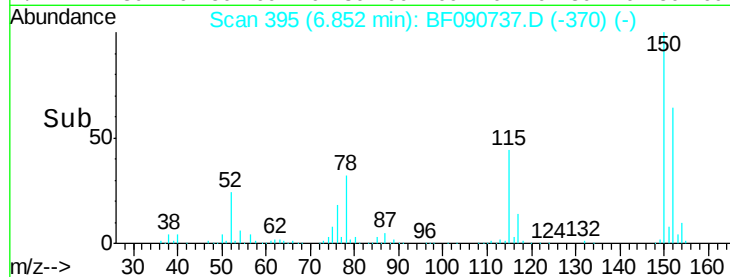
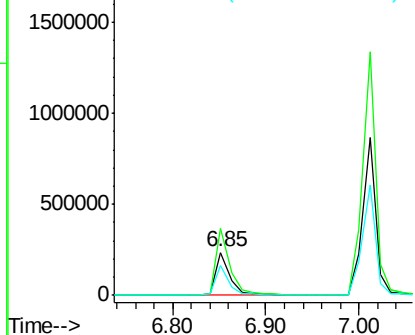
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090737.D
Acq: 22 Oct 2016 3:44

Instrument :
BNA_F
ClientSampleId :
MW-105S

Tgt Ion:152 Resp: 259902
Ion Ratio Lower Upper
152 100
150 156.9 124.7 187.1
115 69.2 39.0 58.4#



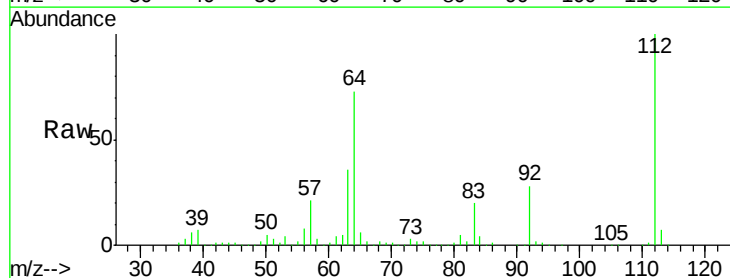
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



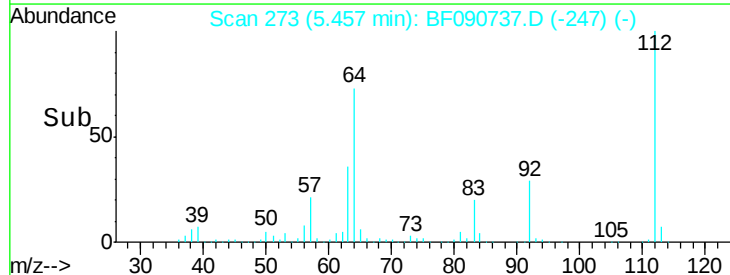
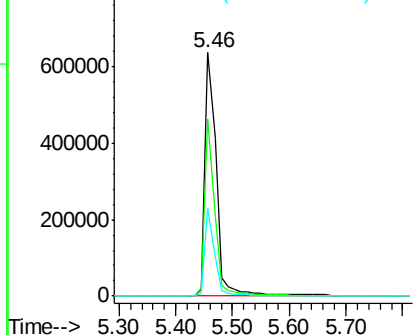
#5

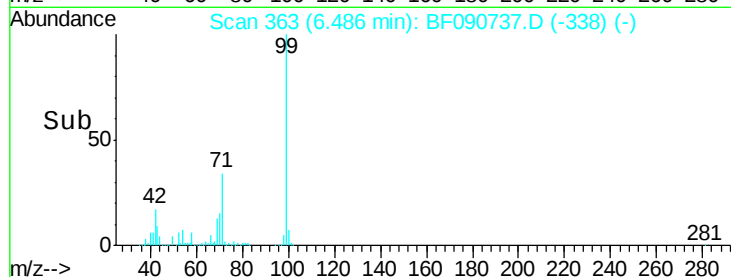
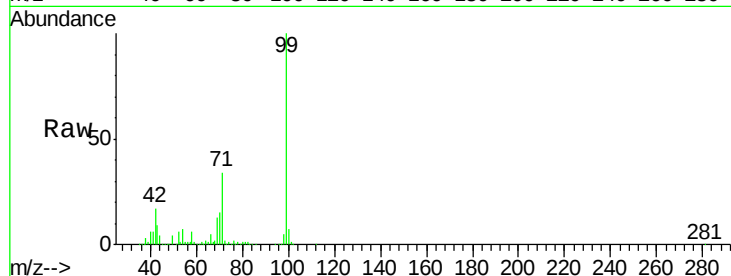
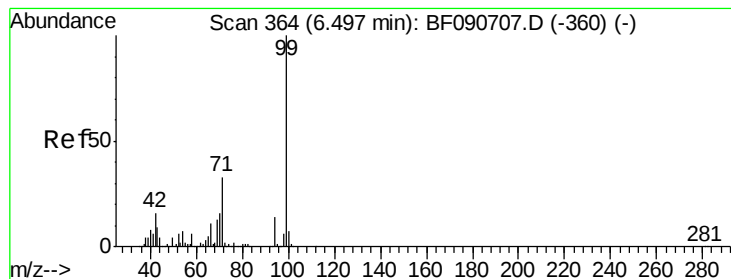
2-Fluorophenol
Concen: 52.80 ng
RT: 5.46 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF090737.D
Acq: 22 Oct 2016 3:44

Tgt Ion:112 Resp: 850875
Ion Ratio Lower Upper
112 100
64 72.7 39.7 59.5#
63 36.0 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: 31.61 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090737.D

Acq: 22 Oct 2016 3:44

Instrument :

BNA_F

ClientSampleId :

MW-105S

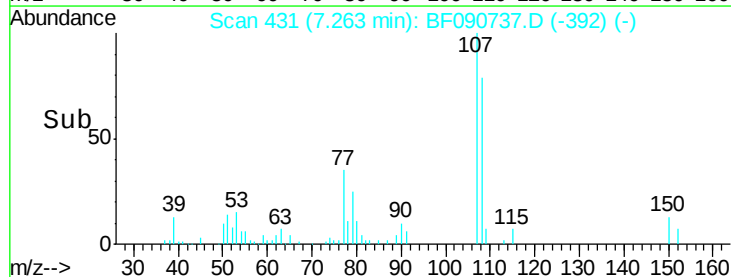
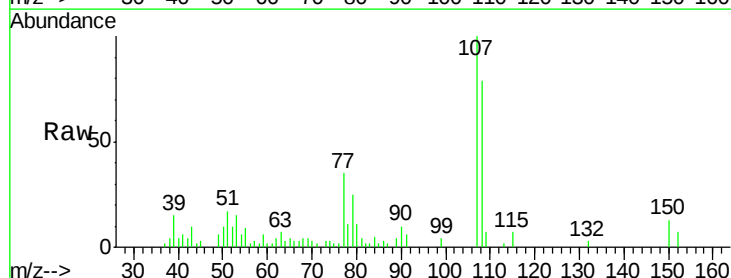
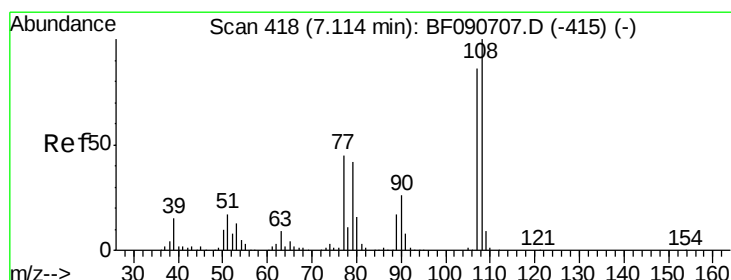
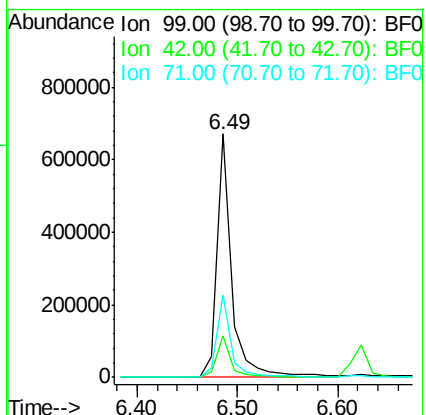
Tgt Ion: 99 Resp: 689896

Ion Ratio Lower Upper

99 100

42 16.9 13.7 20.5

71 33.7 14.2 21.2#



#17

2-Methylphenol

Concen: 2.99 ng

RT: 7.26 min Scan# 431

Delta R.T. 0.15 min

Lab File: BF090737.D

Acq: 22 Oct 2016 3:44

Tgt Ion: 107 Resp: 43538

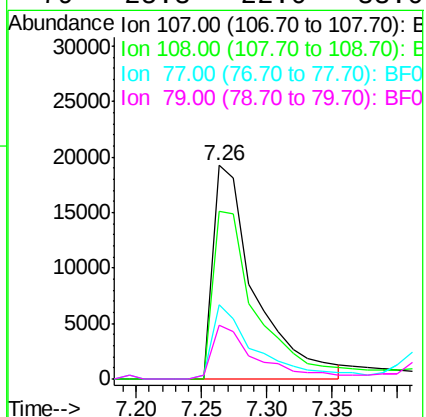
Ion Ratio Lower Upper

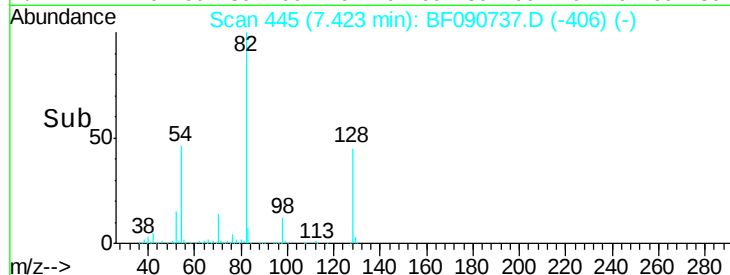
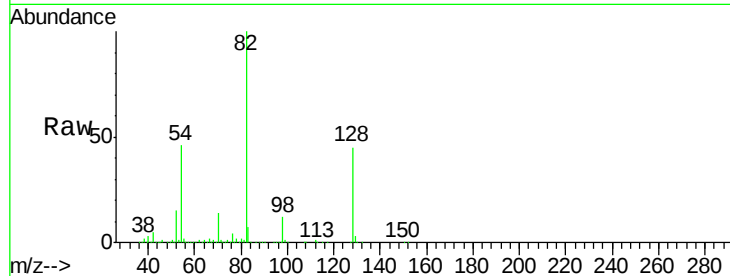
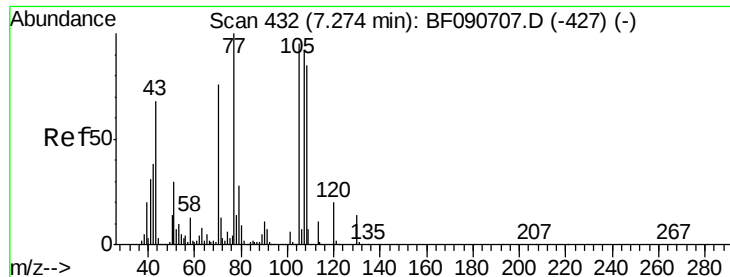
107 100

108 78.5 96.6 145.0#

77 35.0 23.3 34.9#

79 25.3 22.0 33.0

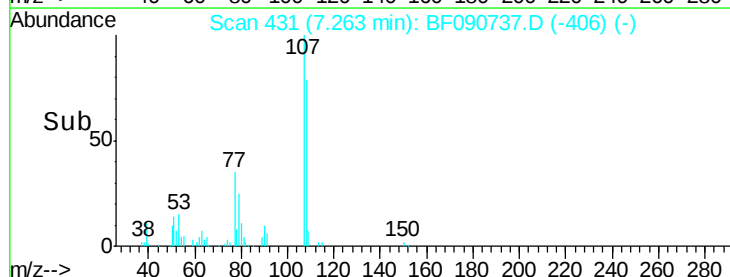
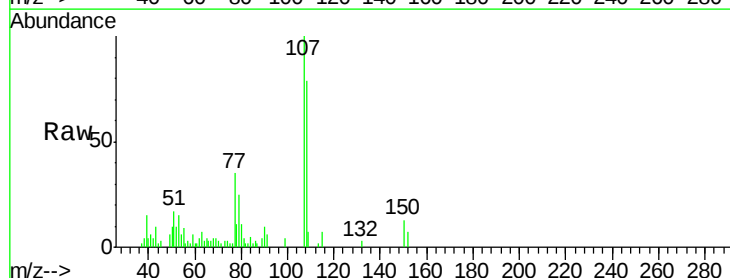
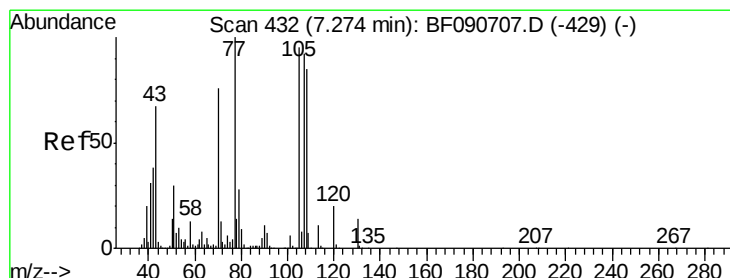
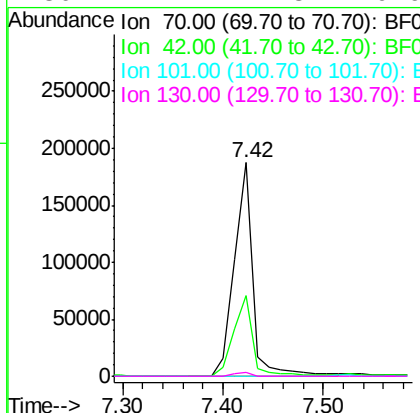




#19
n-Nitroso-di-n-propylamine
Concen: 14.80 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.15 min
Lab File: BF090737.D
Acq: 22 Oct 2016 3:44

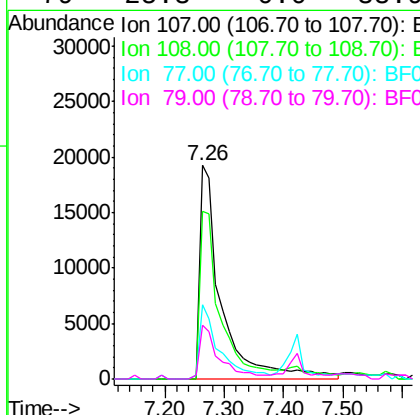
Instrument :
BNA_F
ClientSampleId :
MW-105S

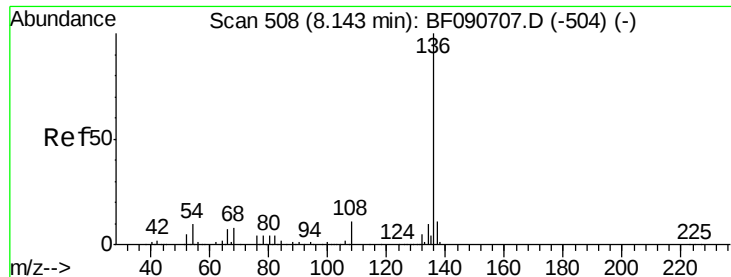
Tgt Ion: 70 Resp: 240606
Ion Ratio Lower Upper
70 100
42 37.5 63.8 95.6#
101 0.0 9.2 13.8#
130 2.1 27.3 40.9#



#20
3+4-Methylphenols
Concen: 2.88 ng
RT: 7.26 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF090737.D
Acq: 22 Oct 2016 3:44

Tgt Ion: 107 Resp: 49727
Ion Ratio Lower Upper
107 100
108 78.5 74.6 114.6
77 35.0 0.7 40.7
79 25.3 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090737.D

Acq: 22 Oct 2016 3:44

Instrument :

BNA_F

ClientSampleId :

MW-105S

Tgt Ion:136 Resp: 1071992

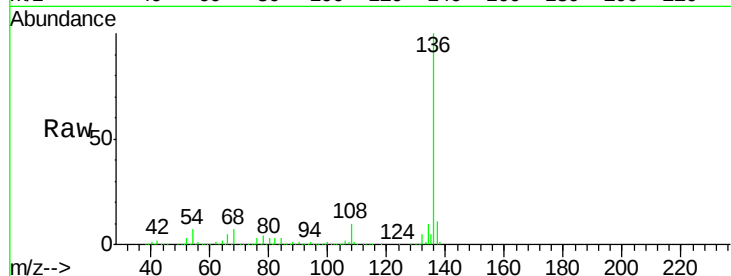
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 7.2 8.2 12.2#

68 6.5 5.8 8.6

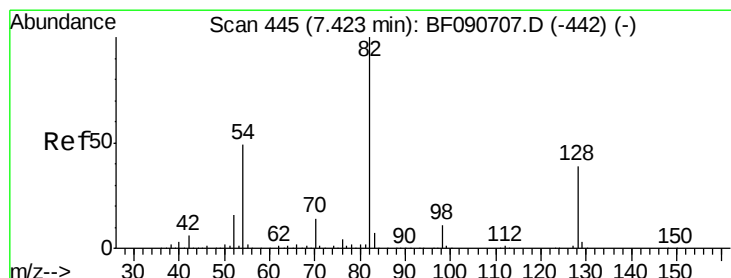
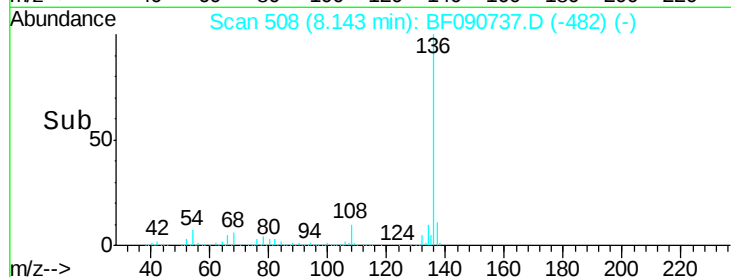
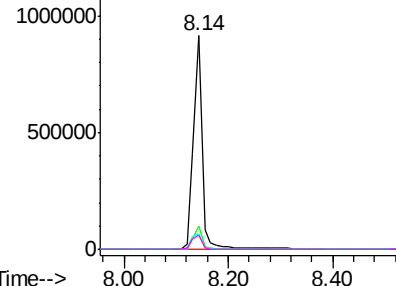


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.48 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF090737.D

Acq: 22 Oct 2016 3:44

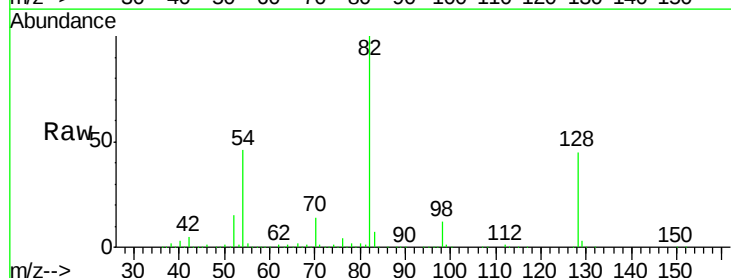
Tgt Ion: 82 Resp: 1748858

Ion Ratio Lower Upper

82 100

128 44.6 51.0 76.6#

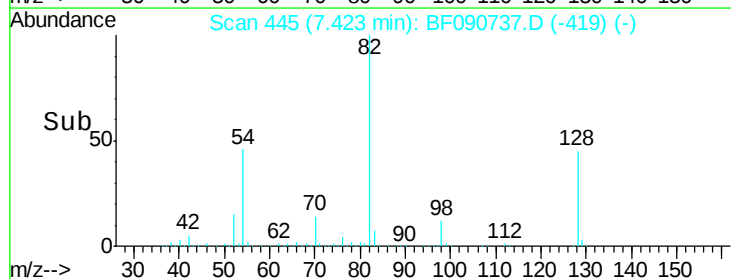
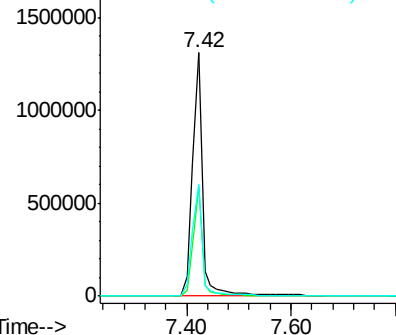
54 46.1 47.5 71.3#

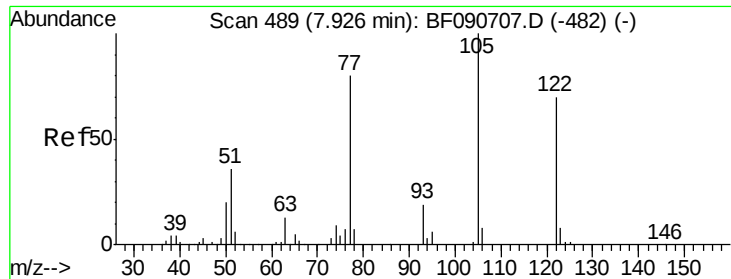


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

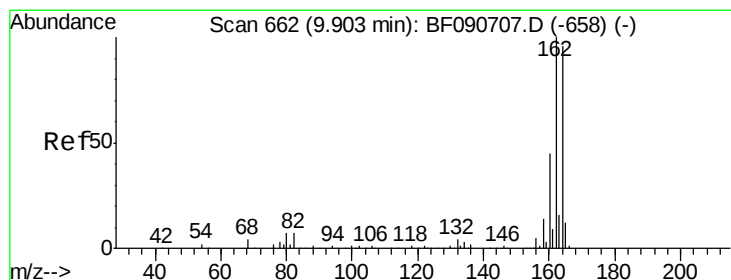
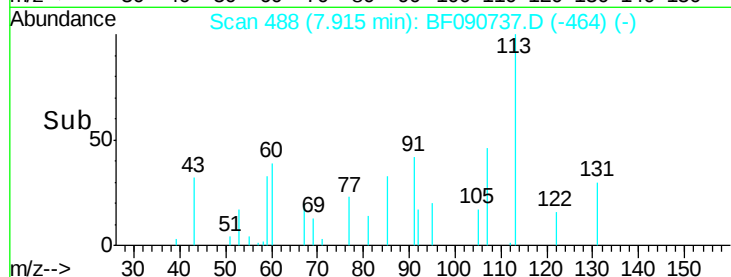
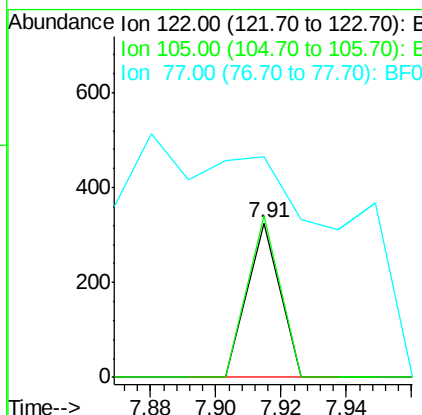
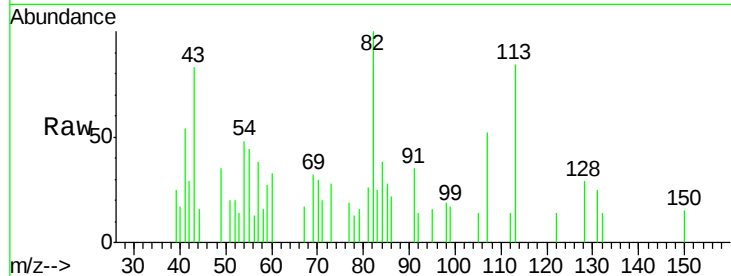




#32
Benzoic acid
Concen: 7.57 ng
RT: 7.91 min Scan# 488
Delta R.T. -0.02 min
Lab File: BF090737.D
Acq: 22 Oct 2016 3:44

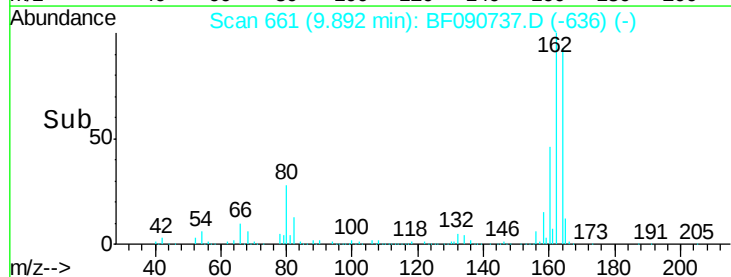
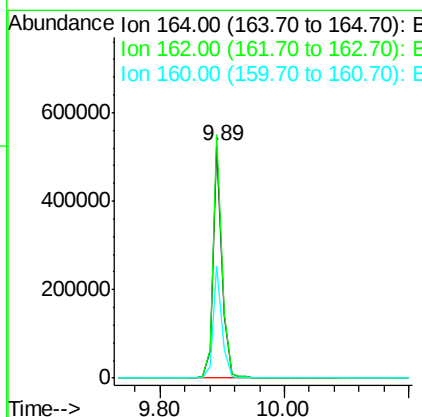
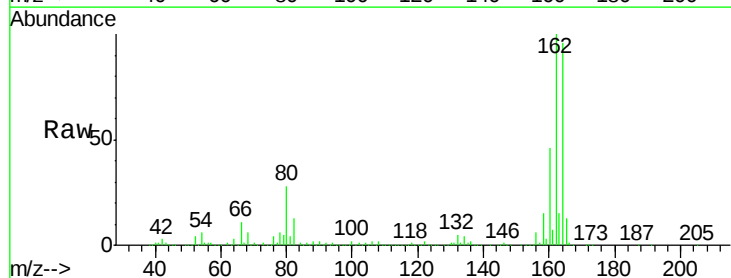
Instrument :
BNA_F
ClientSampleId :
MW-105S

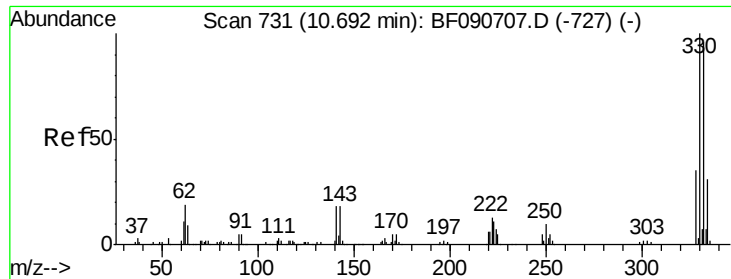
Tgt Ion:122 Resp: 223
Ion Ratio Lower Upper
122 100
105 105.2 76.1 116.1
77 142.8 40.5 80.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090737.D
Acq: 22 Oct 2016 3:44

Tgt Ion:164 Resp: 521160
Ion Ratio Lower Upper
164 100
162 104.6 75.2 112.8
160 47.8 31.5 47.3#

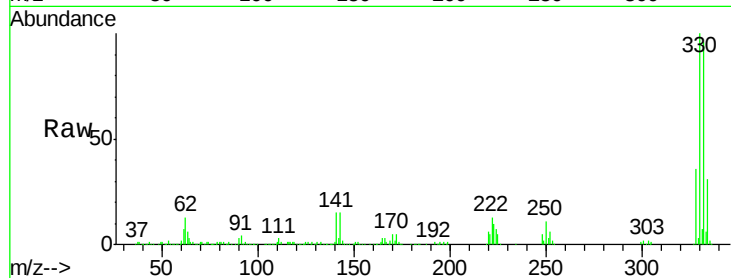




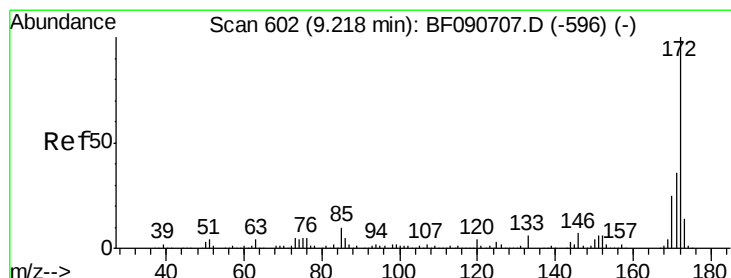
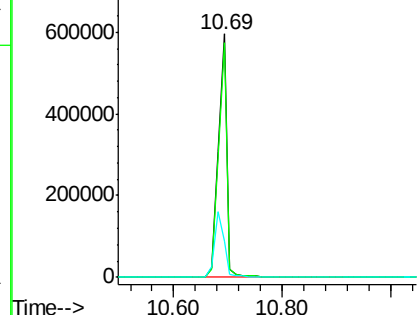
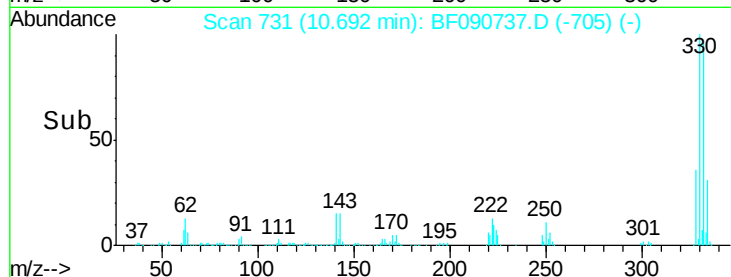
#41
 2,4,6-Tribromophenol
 Concen: 163.56 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090737.D
 Acq: 22 Oct 2016 3:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-105S

Tgt Ion:330 Resp: 674663
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 30.4 29.7 44.5

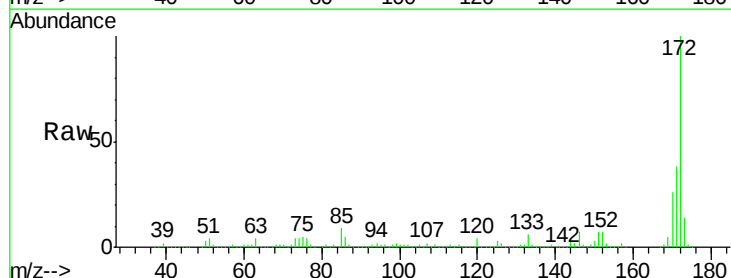


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

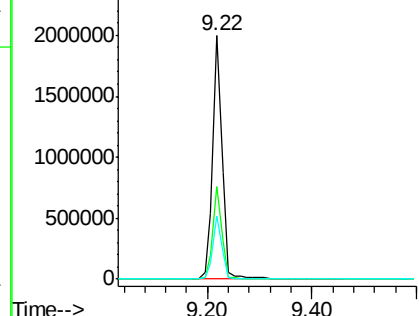
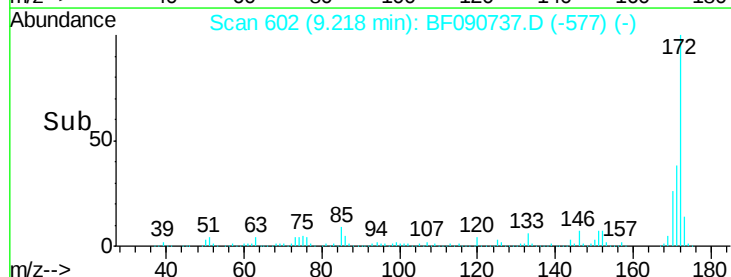


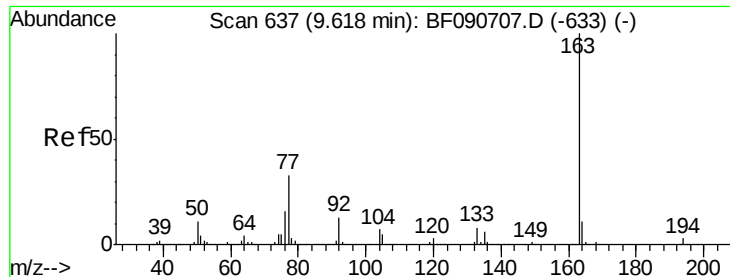
#44
 2-Fluorobiphenyl
 Concen: 74.99 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090737.D
 Acq: 22 Oct 2016 3:44

Tgt Ion:172 Resp: 2517523
 Ion Ratio Lower Upper
 172 100
 171 38.1 26.1 39.1
 170 26.0 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





#49

Dimethylphthalate

Concen: 7.79 ng

RT: 9.62 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF090737.D

Acq: 22 Oct 2016 3:44

Instrument :

BNA_F

ClientSampleId :

MW-105S

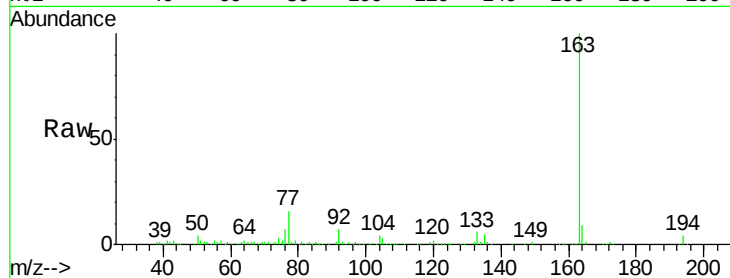
Tgt Ion:163 Resp: 254982

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

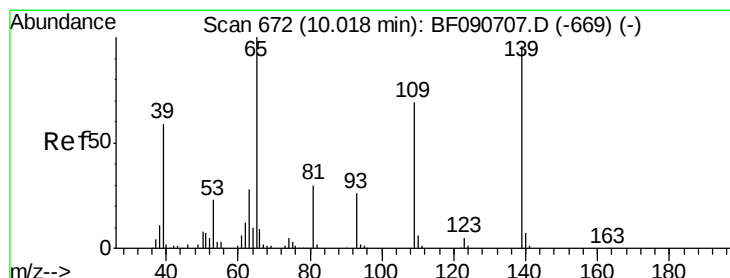
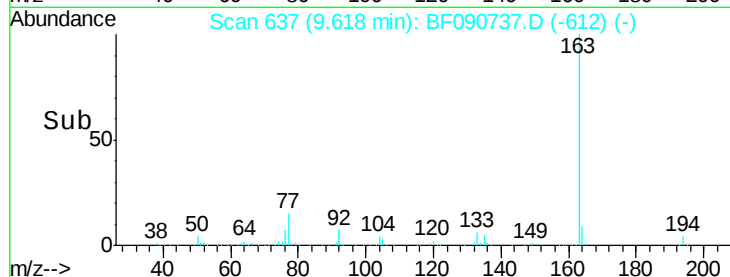
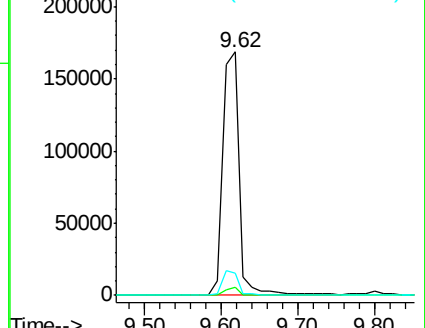
164 9.1 8.3 12.5



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



#55

4-Nitrophenol

Concen: 5.98 ng

RT: 9.98 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF090737.D

Acq: 22 Oct 2016 3:44

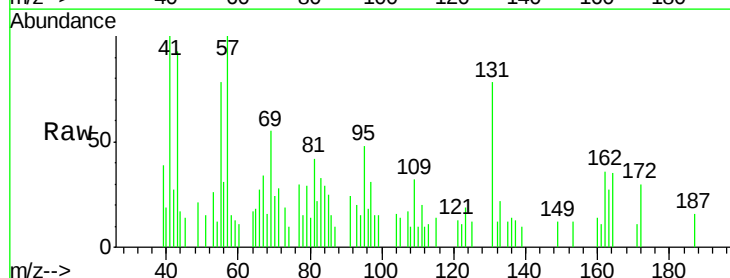
Tgt Ion:139 Resp: 221

Ion Ratio Lower Upper

139 100

109 314.0 12.7 52.7#

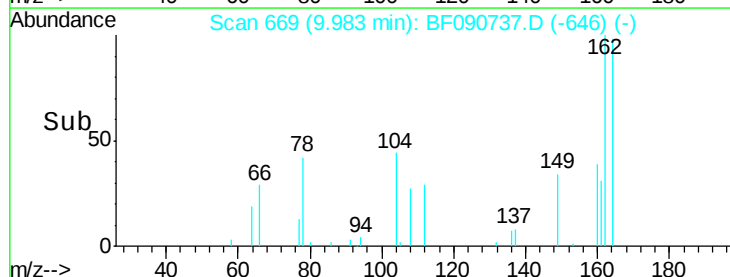
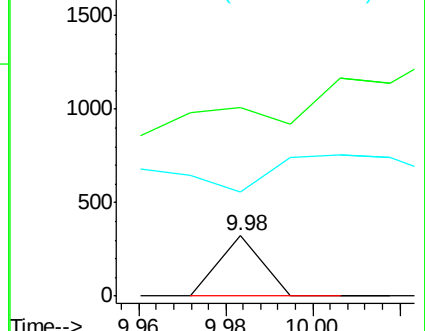
65 173.9 45.9 85.9#

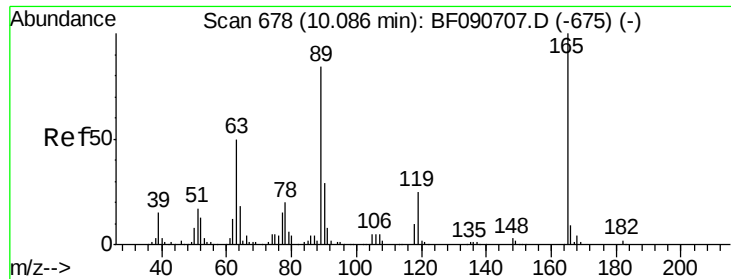


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

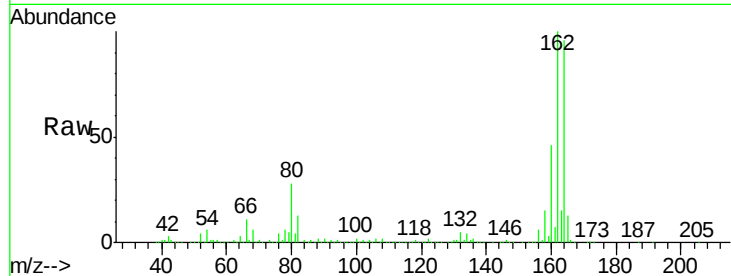




#56
 2,4-Dinitrotoluene
 Concen: 7.92 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090737.D
 Acq: 22 Oct 2016 3:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-105S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	29.8	44.6#
89	1.6	44.5	66.7#
182	0.0	3.0	4.4#

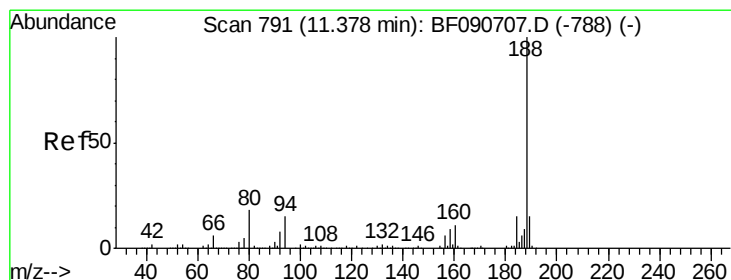
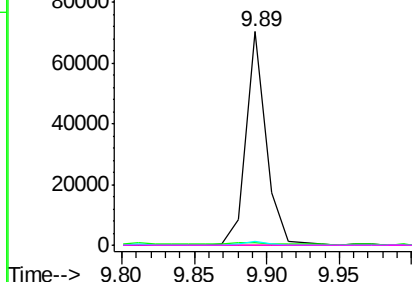
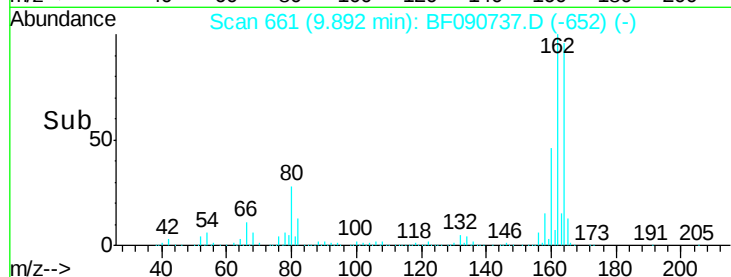


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

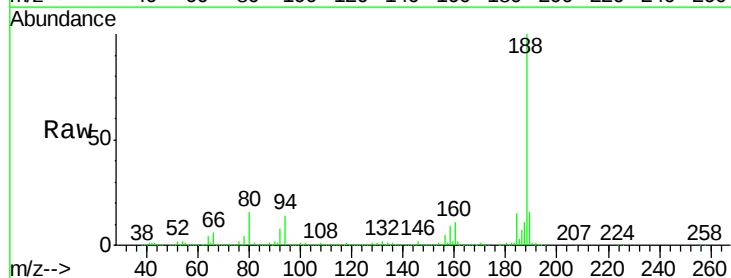
Ion 89.00 (88.70 to 89.70): BF0

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: BF090737.D
 Acq: 22 Oct 2016 3:44

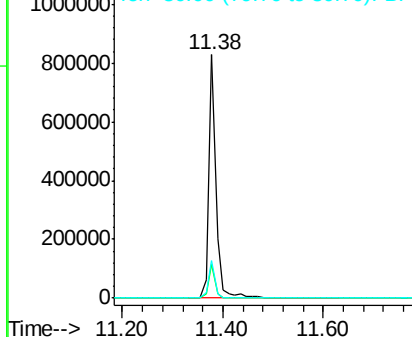
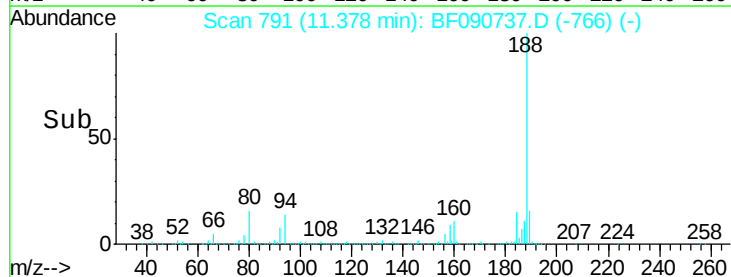
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.8	11.1	16.7
80	15.6	11.0	16.4

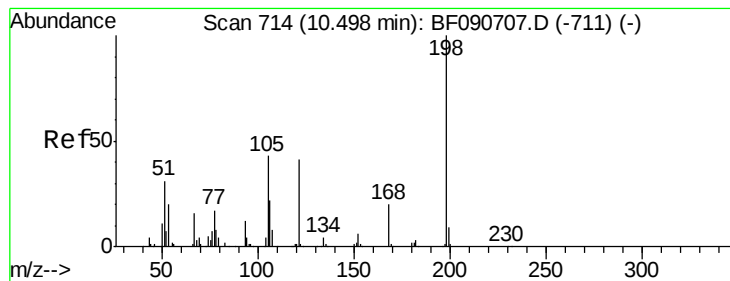


Abundance Ion 188.00 (187.70 to 188.70): E

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: 4.40 ng

RT: 10.68 min Scan# 730

Delta R.T. 0.18 min

Lab File: BF090737.D

Acq: 22 Oct 2016 3:44

Instrument :

BNA_F

ClientSampleId :

MW-105S

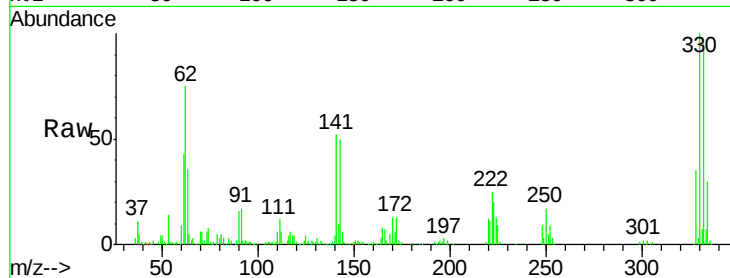
Tgt Ion:198 Resp: 1278

Ion Ratio Lower Upper

198 100

51 192.5 39.6 79.6#

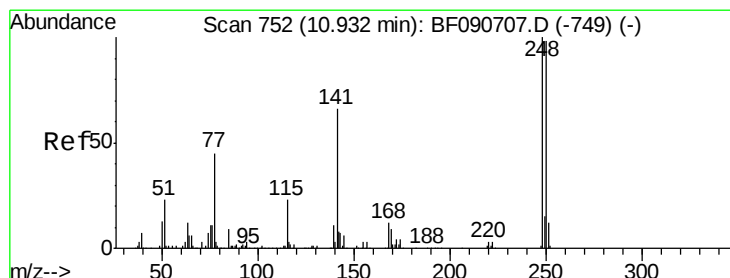
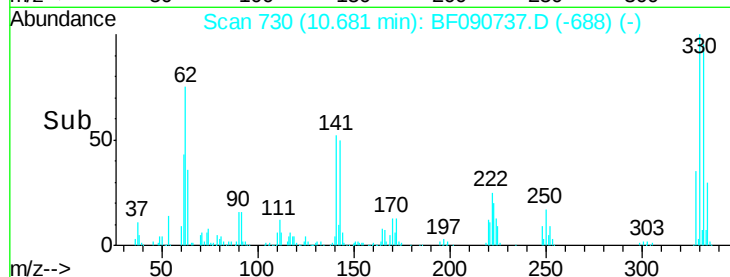
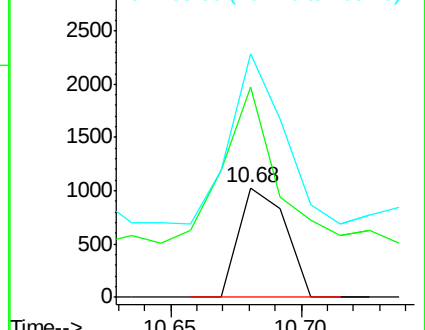
105 222.7 28.5 68.5#



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: 5.40 ng

RT: 10.69 min Scan# 731

Delta R.T. -0.24 min

Lab File: BF090737.D

Acq: 22 Oct 2016 3:44

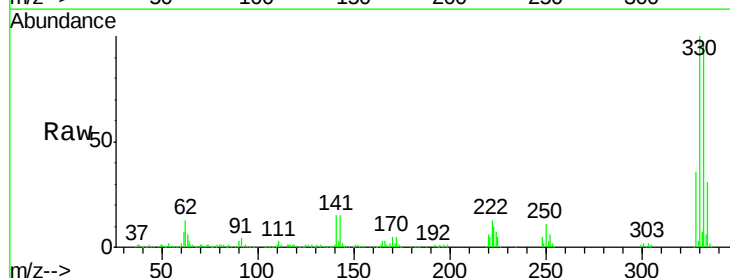
Tgt Ion:248 Resp: 43178

Ion Ratio Lower Upper

248 100

250 210.0 78.5 117.7#

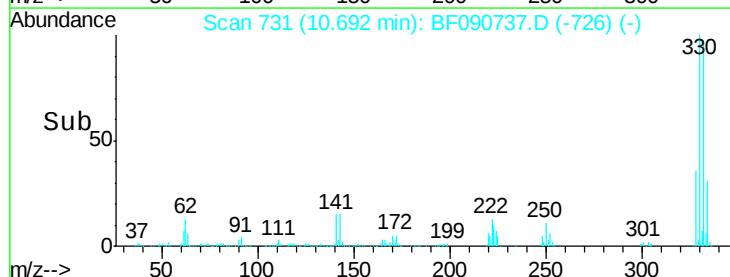
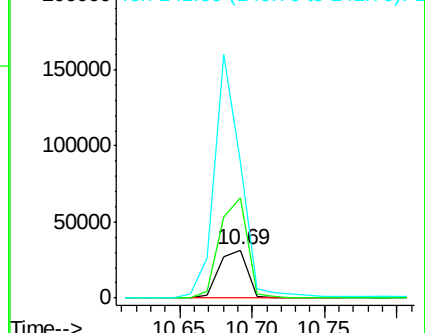
141 284.3 59.0 88.6#

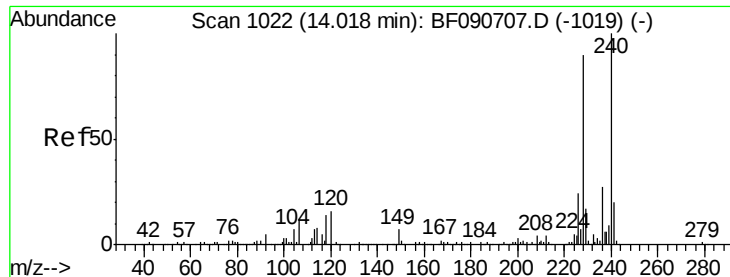


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF090737.D

Acq: 22 Oct 2016 3:44

Instrument :

BNA_F

ClientSampleId :

MW-105S

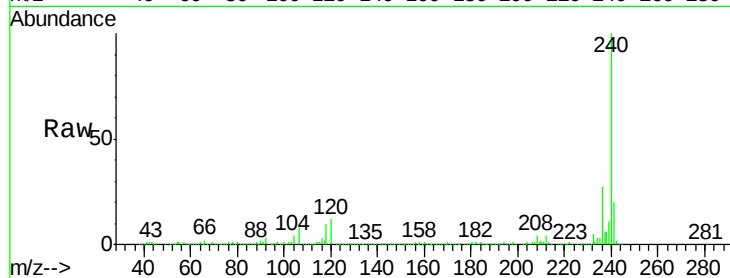
Tgt Ion:240 Resp: 517800

Ion Ratio Lower Upper

240 100

120 12.0 16.2 24.2#

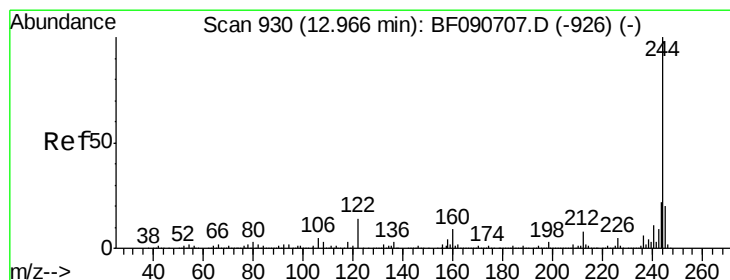
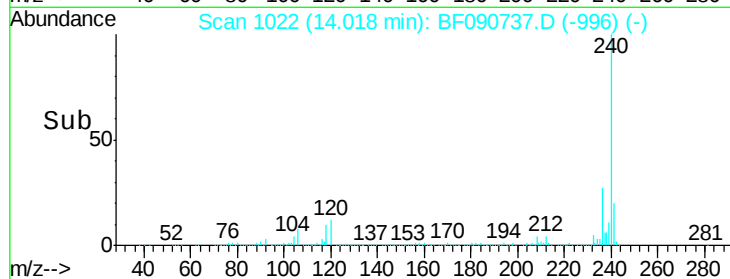
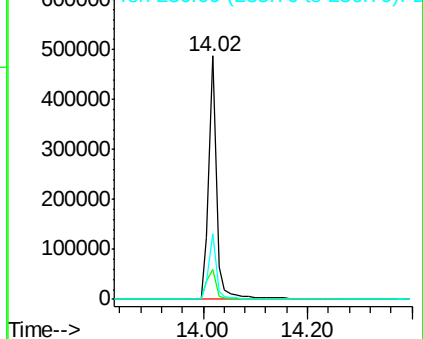
236 27.2 18.4 27.6



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: 112.61 ng

RT: 12.98 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF090737.D

Acq: 22 Oct 2016 3:44

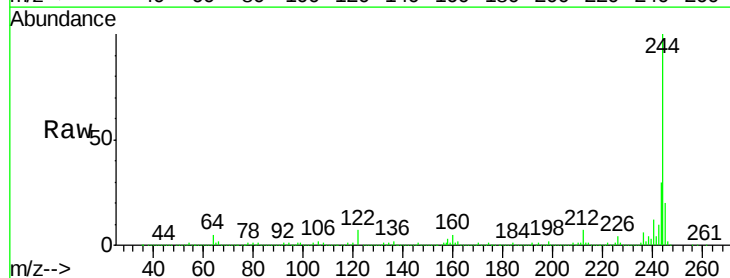
Tgt Ion:244 Resp: 2544292

Ion Ratio Lower Upper

244 100

212 6.8 4.3 6.5#

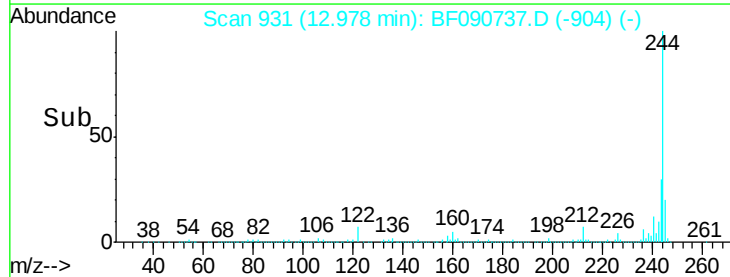
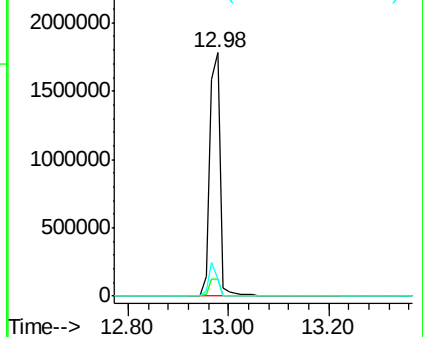
122 6.8 17.4 26.2#

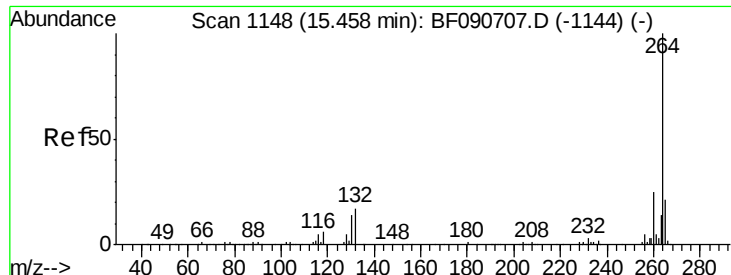


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

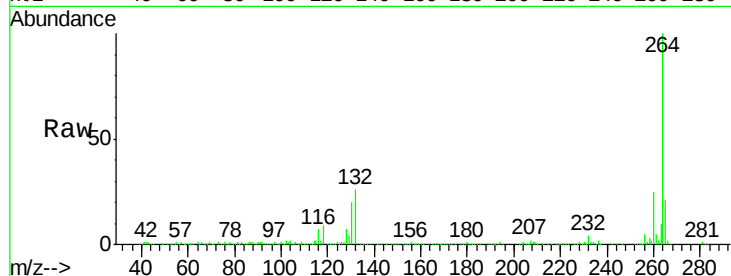




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090737.D
Acq: 22 Oct 2016 3:44

Instrument :
BNA_F
ClientSampleId :
MW-105S

Tgt Ion: 264 Resp: 374683
Ion Ratio Lower Upper
264 100
260 24.5 16.7 25.1
265 21.3 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

