

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
 Data File : BF086791.D
 Acq On : 7 May 2016 23:28
 Operator : UM/SJ
 Sample : H2882-01
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MWHR3-14

Quant Time: May 08 04:01:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 23:59:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	165381	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	674219	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	316080	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	568486	40.00	ng	0.00
75) Chrysene-d12	13.85	240	383930	40.00	ng	0.00
86) Perylene-d12	15.22	264	299923	40.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	714873	71.56	ng	0.01
7) Phenol-d6	6.36	99	589714	43.82	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1219193	92.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	484246	156.61	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1986259	103.01	ng	0.00
78) Terphenyl-d14	12.81	244	1595399	83.98	ng	0.00

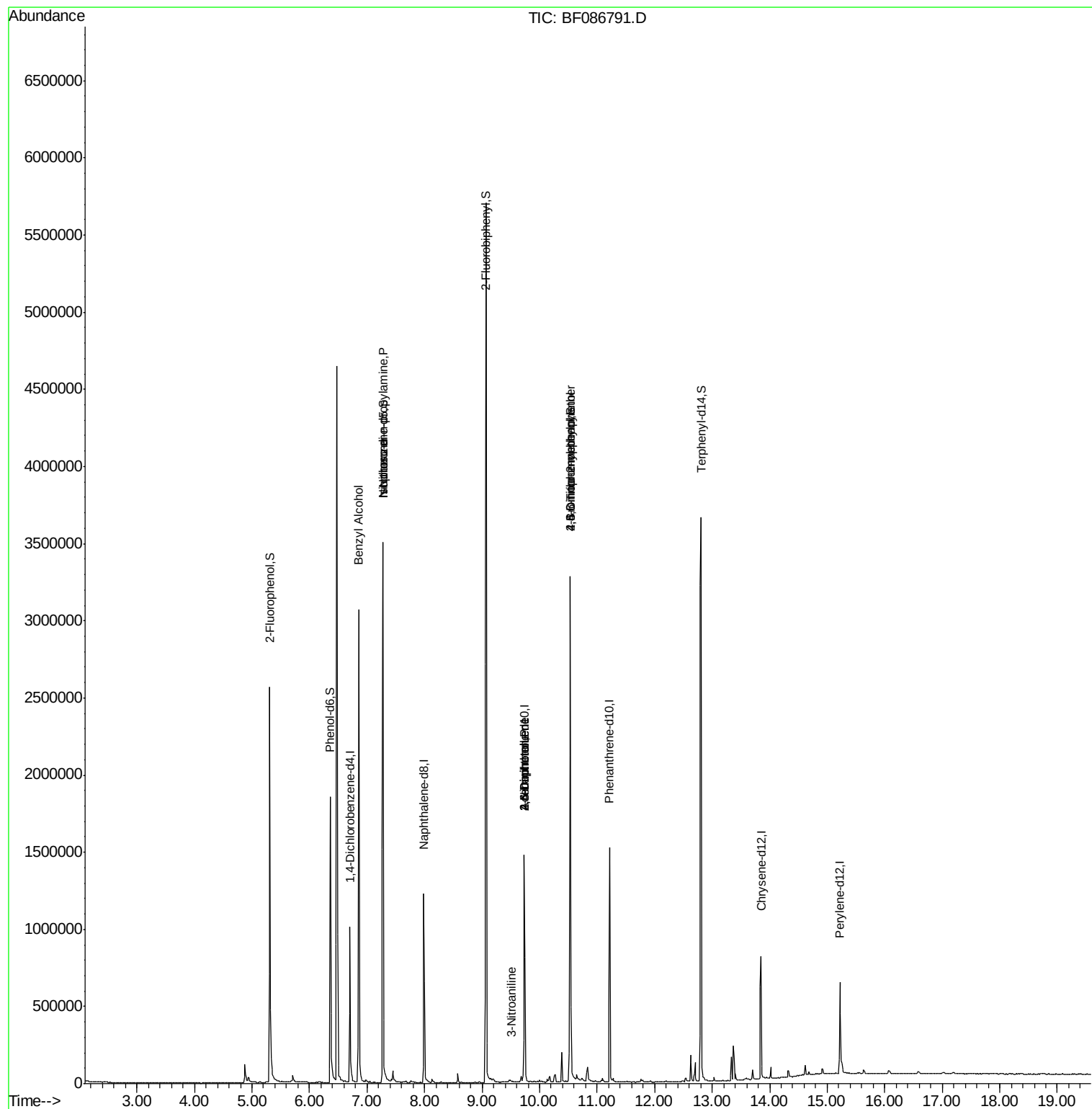
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.85	79	19669	2.26	ng	# 44
19) n-Nitroso-di-n-propylamine	7.28	70	175440	19.08	ng	# 73
25) Isophorone	7.28	82	861347	35.25	ng	# 68
50) 2,6-Dinitrotoluene	9.73	165	40446	8.00	ng	# 21
52) 3-Nitroaniline	9.50	138	13692	2.38	ng	# 2
55) 4-Nitrophenol	9.73	139	8227	2.45	ng	# 44
56) 2,4-Dinitrotoluene	9.73	165	40447	6.45	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.53	198	1250	5.71	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	31219	5.53	ng	# 1

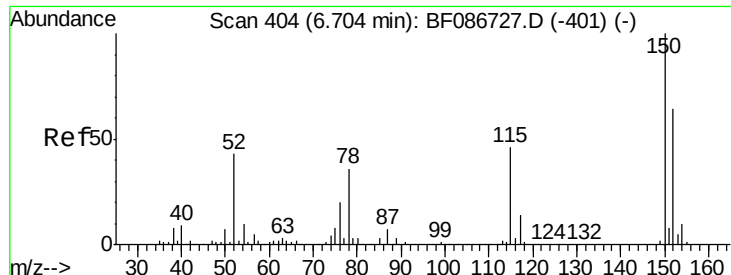
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
Data File : BF086791.D
Acq On : 7 May 2016 23:28
Operator : UM/SJ
Sample : H2882-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MWHR3-14

Quant Time: May 08 04:01:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 07 23:59:39 2016
Response via : Initial Calibration



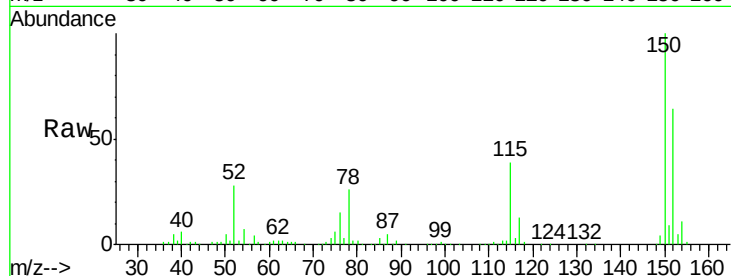


#1

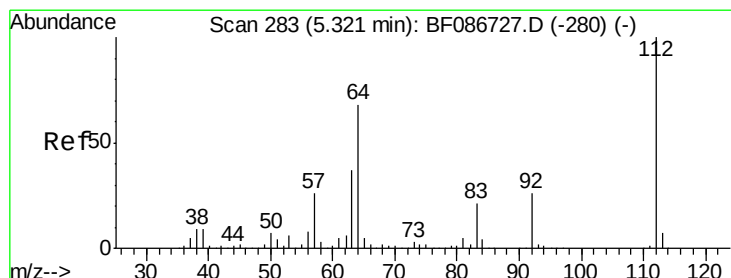
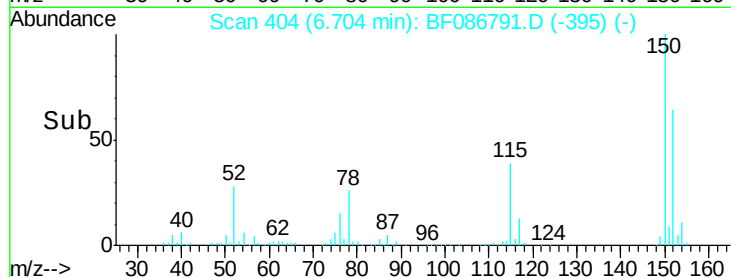
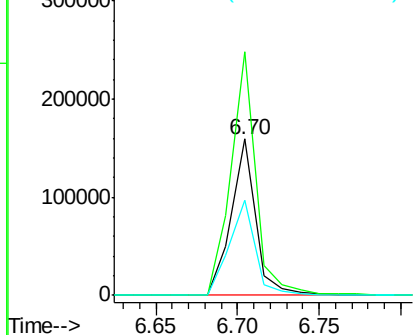
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF086791.D
Acq: 7 May 2016 23:28

Instrument :
BNA_F
ClientSampleId :
MWHR3-14

Tgt Ion:152 Resp: 165381
Ion Ratio Lower Upper
152 100
150 155.9 125.8 188.6
115 61.3 51.5 77.3



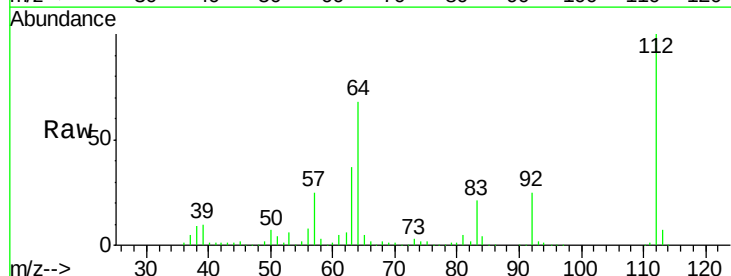
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



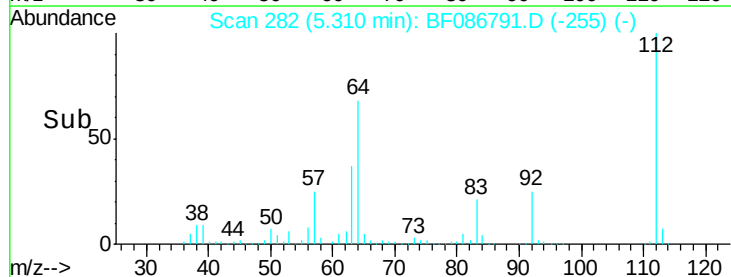
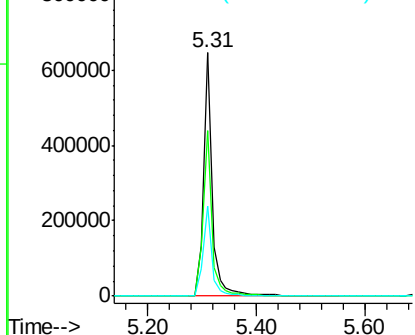
#5

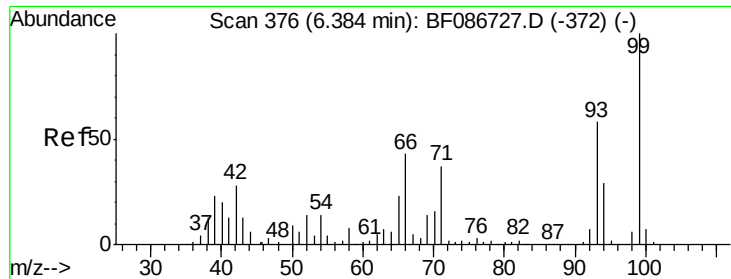
2-Fluorophenol
Concen: 71.56 ng
RT: 5.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF086791.D
Acq: 7 May 2016 23:28

Tgt Ion:112 Resp: 714873
Ion Ratio Lower Upper
112 100
64 68.0 52.1 78.1
63 37.0 25.7 38.5



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: 43.82 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086791.D

Acq: 7 May 2016 23:28

Instrument :

BNA_F

ClientSampleId :

MWHR3-14

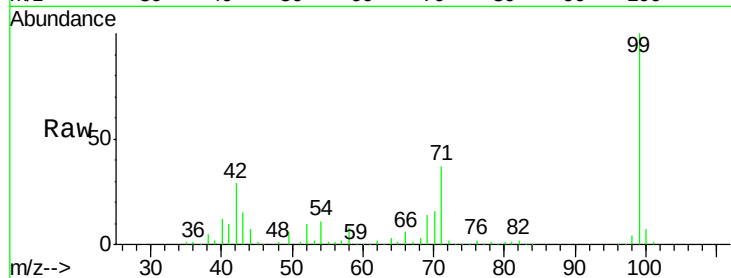
Tgt Ion: 99 Resp: 589714

Ion Ratio Lower Upper

99 100

42 29.4 13.6 20.4#

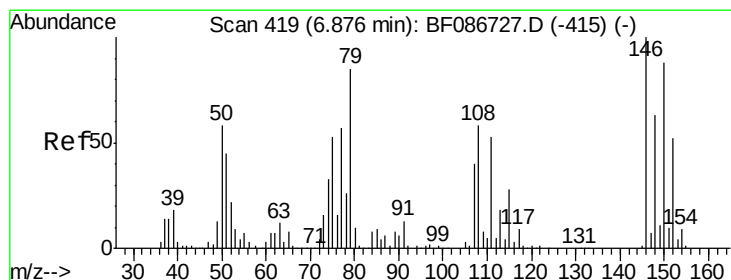
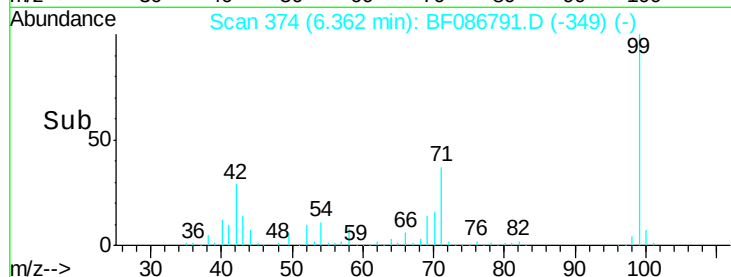
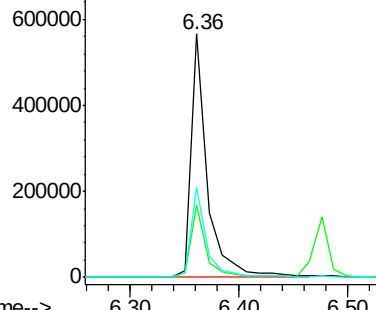
71 37.2 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.26 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF086791.D

Acq: 7 May 2016 23:28

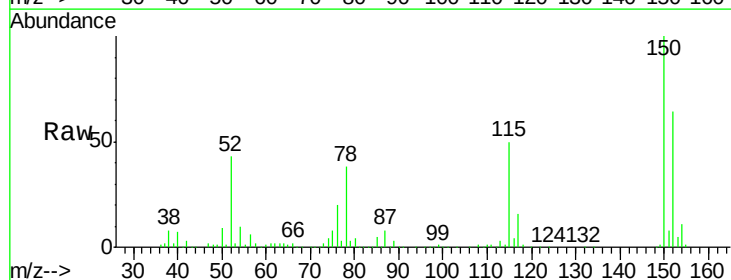
Tgt Ion: 79 Resp: 19669

Ion Ratio Lower Upper

79 100

108 29.3 68.4 102.6#

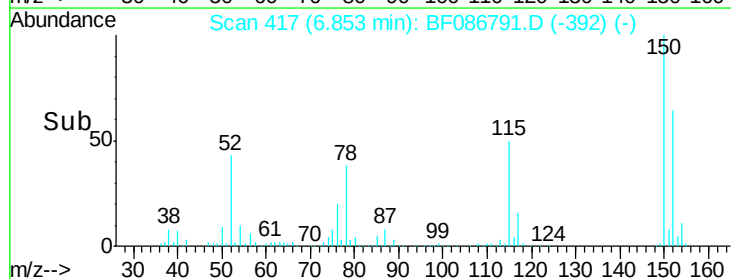
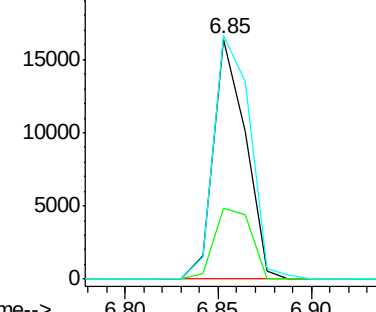
77 101.5 50.6 76.0#

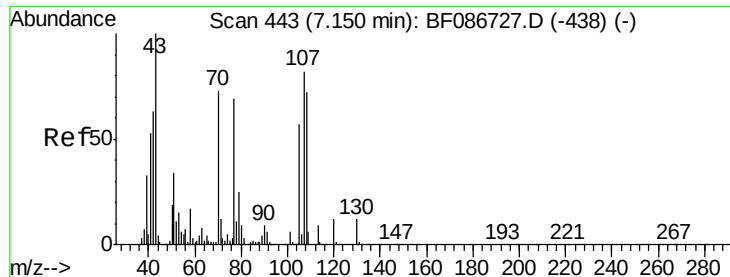


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

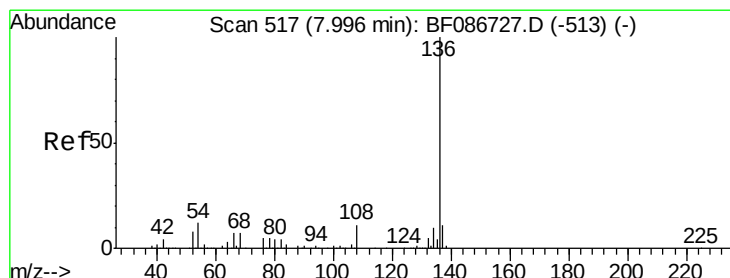
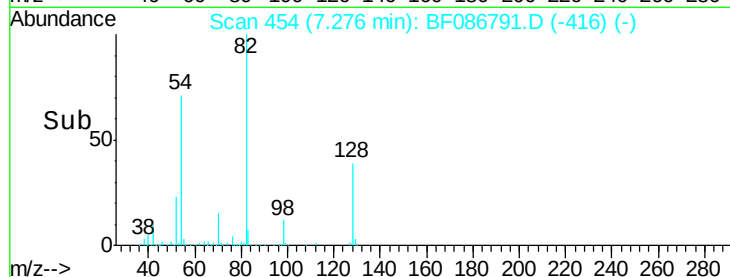
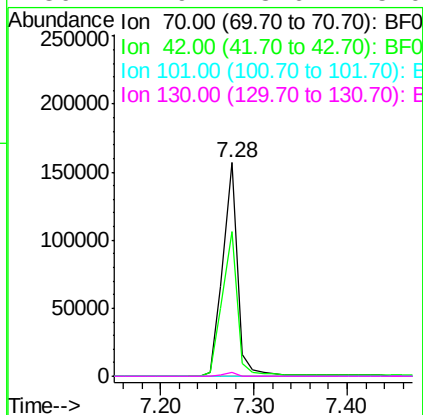
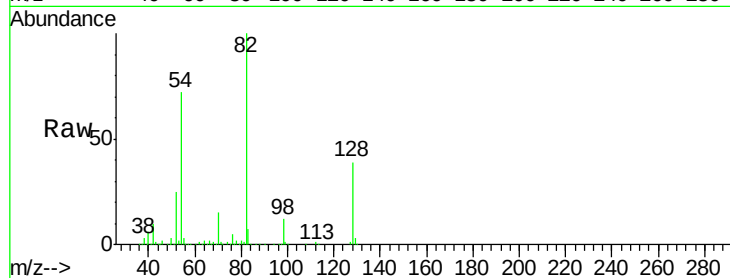




#19
n-Nitroso-di-n-propylamine
Concen: 19.08 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.14 min
Lab File: BF086791.D
Acq: 7 May 2016 23:28

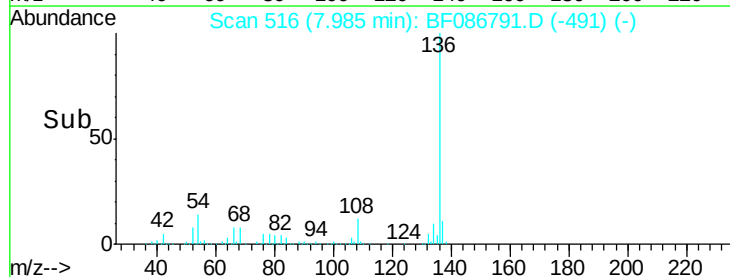
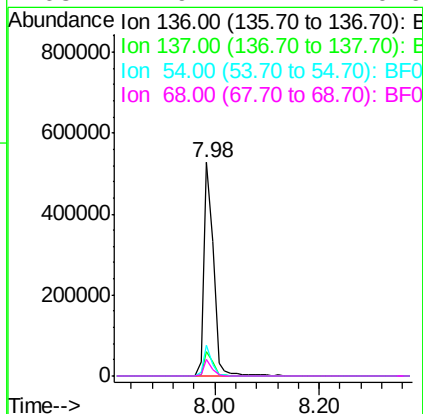
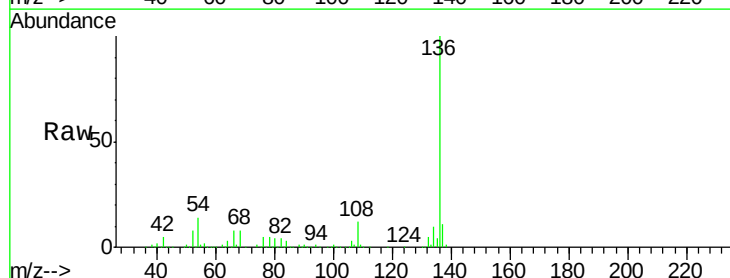
Instrument :
BNA_F
ClientSampleId :
MWHR3-14

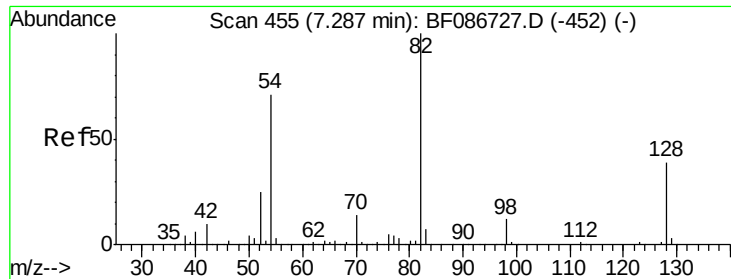
Tgt Ion:	70	Resp:	175440
Ion	Ratio	Lower	Upper
70	100		
42	68.0	43.1	64.7#
101	0.0	8.1	12.1#
130	1.9	18.6	28.0#



#21
Naphthalene-d8
Concen: 40.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF086791.D
Acq: 7 May 2016 23:28

Tgt Ion:	136	Resp:	674219
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	14.4	5.0	7.4#
68	7.9	4.4	6.6#

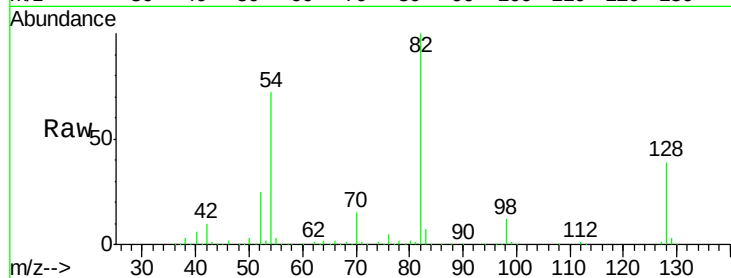




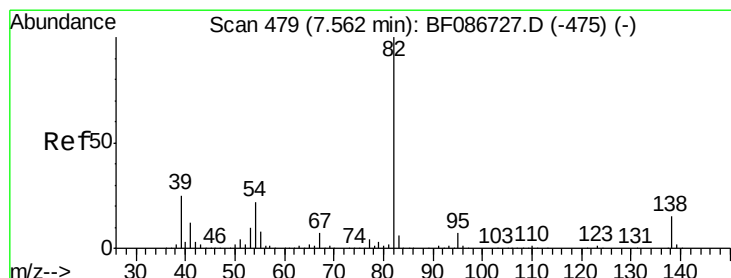
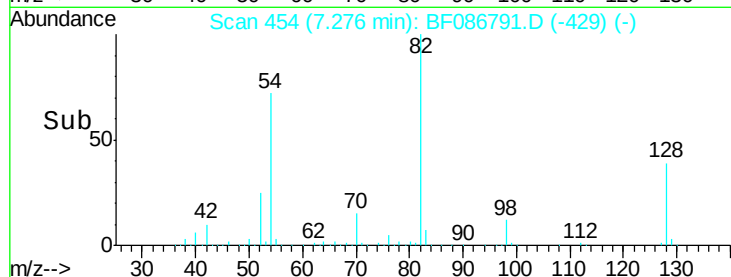
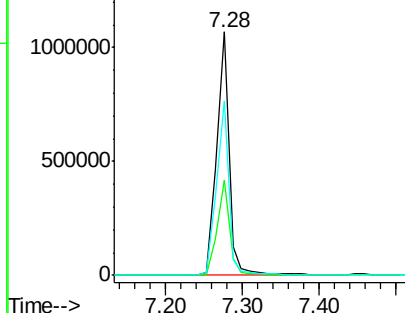
#23
Nitrobenzene-d5
Concen: 92.92 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086791.D
Acq: 7 May 2016 23:28

Instrument :
BNA_F
ClientSampleId :
MWHR3-14

Tgt Ion: 82 Resp: 1219193
Ion Ratio Lower Upper
82 100
128 38.9 40.6 61.0#
54 71.8 38.1 57.1#

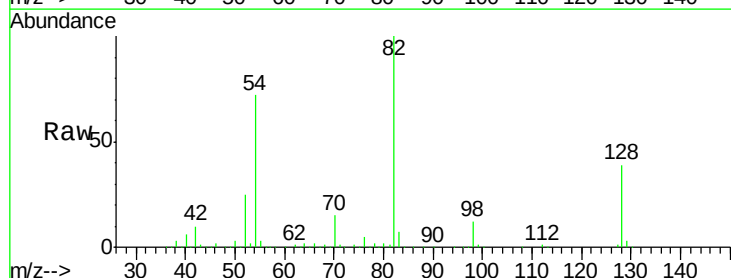


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

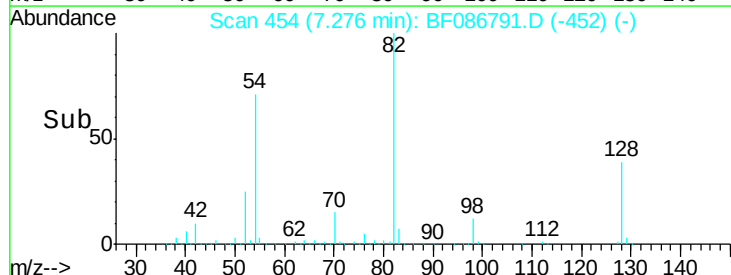
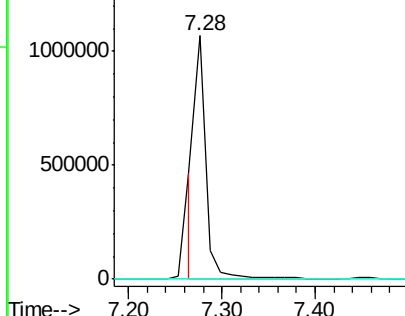


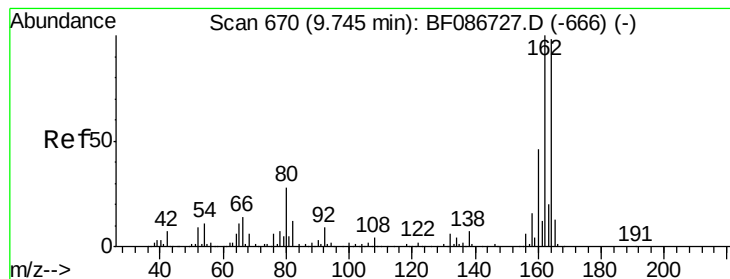
#25
Isophorone
Concen: 35.25 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.27 min
Lab File: BF086791.D
Acq: 7 May 2016 23:28

Tgt Ion: 82 Resp: 861347
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.4 18.6#



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): BF0





#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF086791.D

Acq: 7 May 2016 23:28

Instrument :

BNA_F

ClientSampleId :

MWHR3-14

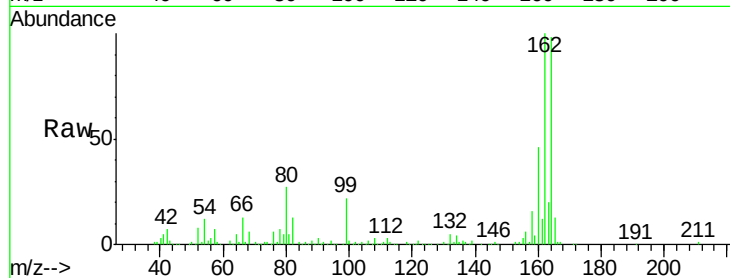
Tgt Ion:164 Resp: 316080

Ion Ratio Lower Upper

164 100

162 101.8 82.8 124.2

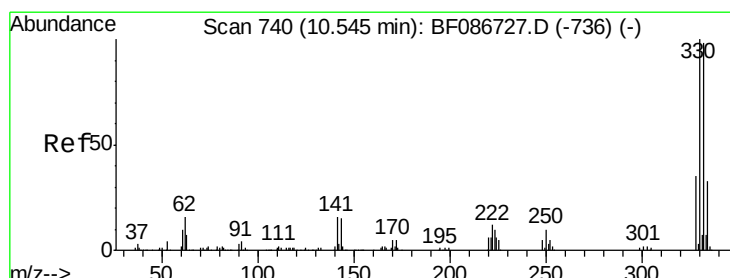
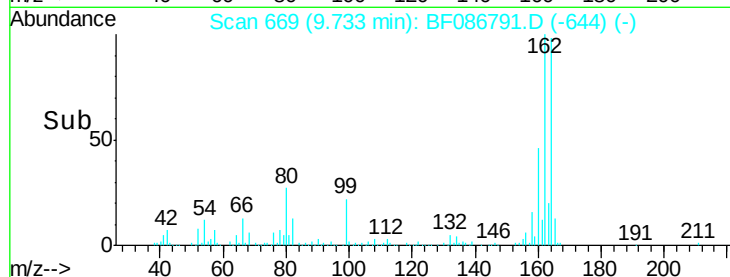
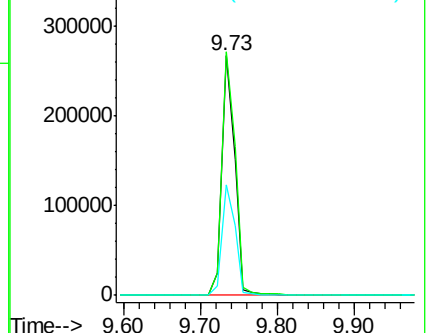
160 46.3 36.9 55.3



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: 156.61 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF086791.D

Acq: 7 May 2016 23:28

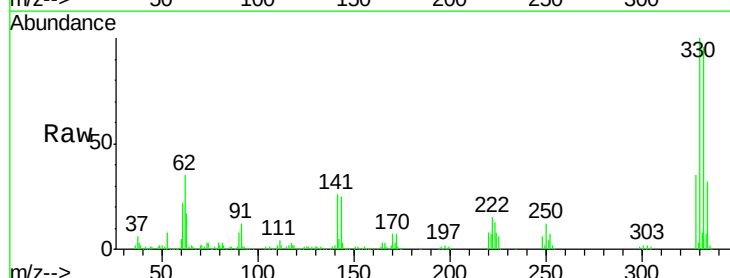
Tgt Ion:330 Resp: 484246

Ion Ratio Lower Upper

330 100

332 96.5 79.0 118.4

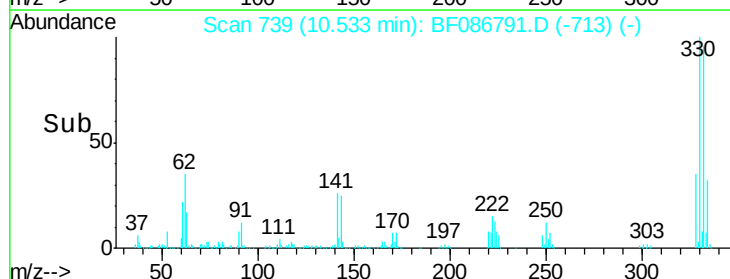
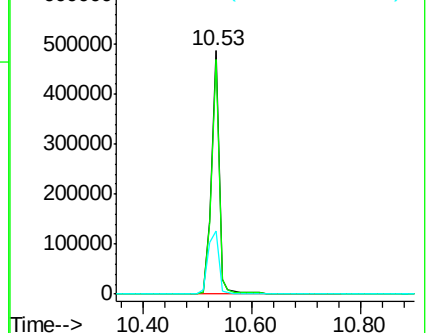
141 36.5 31.2 46.8

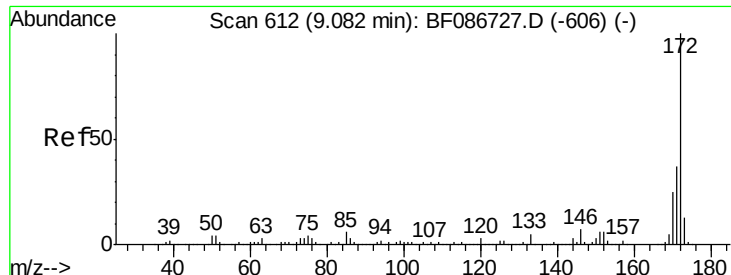


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

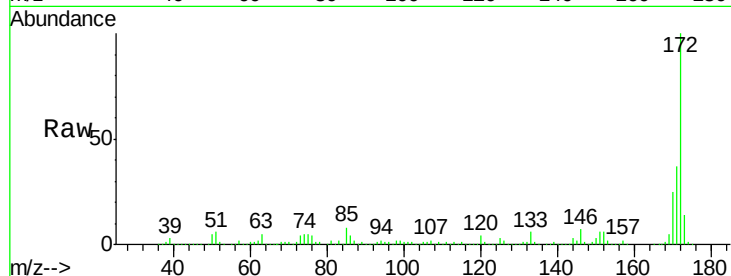




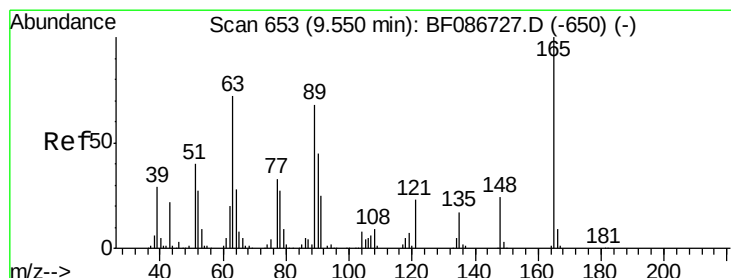
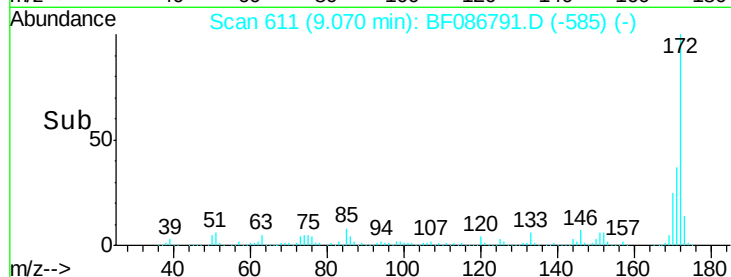
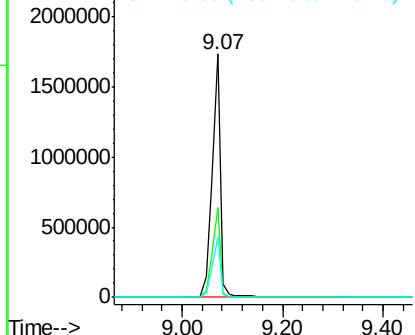
#44
 2-Fluorobiphenyl
 Concen: 103.01 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF086791.D
 Acq: 7 May 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 MWHR3-14

Tgt Ion:172 Resp: 1986259
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 25.1 19.8 29.8

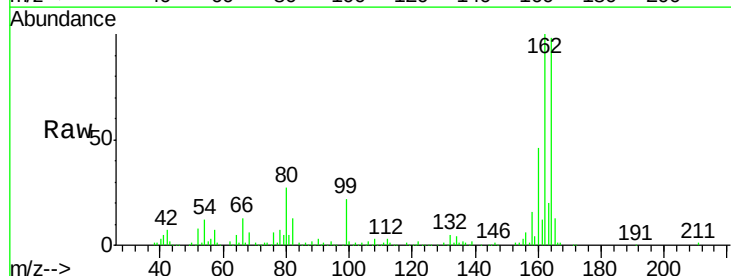


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

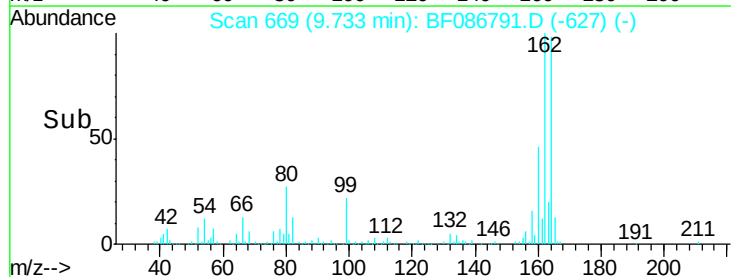
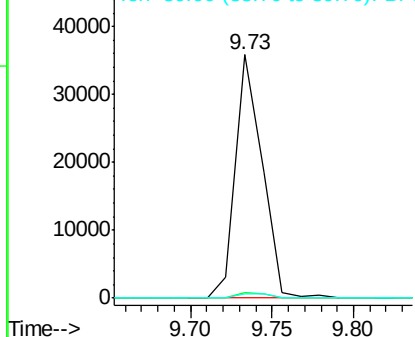


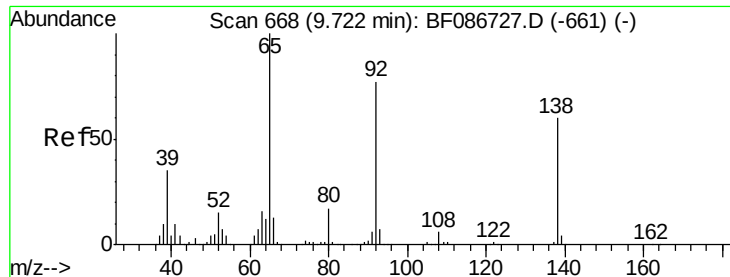
#50
 2,6-Dinitrotoluene
 Concen: 8.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.18 min
 Lab File: BF086791.D
 Acq: 7 May 2016 23:28

Tgt Ion:165 Resp: 40446
 Ion Ratio Lower Upper
 165 100
 63 2.1 51.8 77.8#
 89 1.9 50.7 76.1#



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





#52

3-Nitroaniline

Concen: 2.38 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.22 min

Lab File: BF086791.D

Acq: 7 May 2016 23:28

Instrument :

BNA_F

ClientSampleId :

MWHR3-14

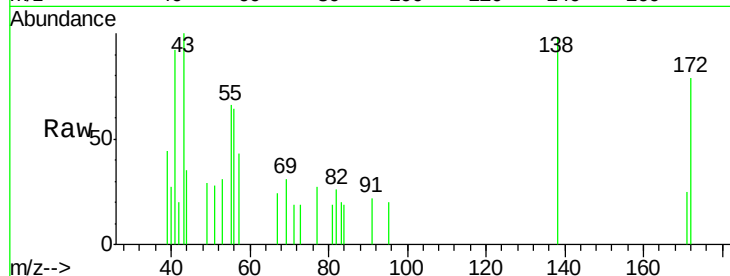
Tgt Ion:138 Resp: 13692

Ion Ratio Lower Upper

138 100

108 0.0 7.8 11.6#

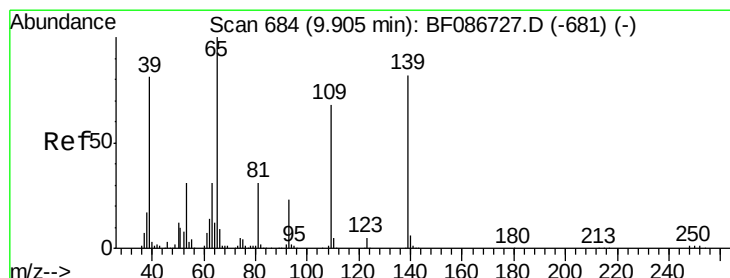
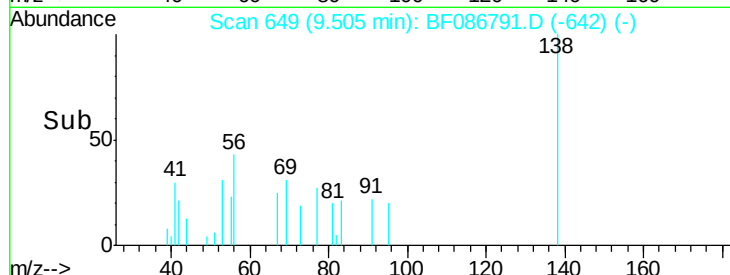
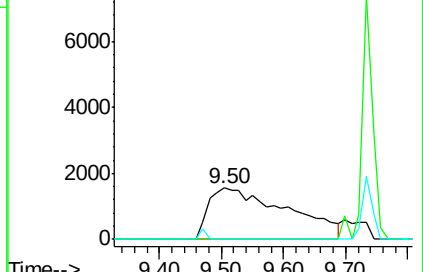
92 0.0 87.8 131.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#55

4-Nitrophenol

Concen: 2.45 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.16 min

Lab File: BF086791.D

Acq: 7 May 2016 23:28

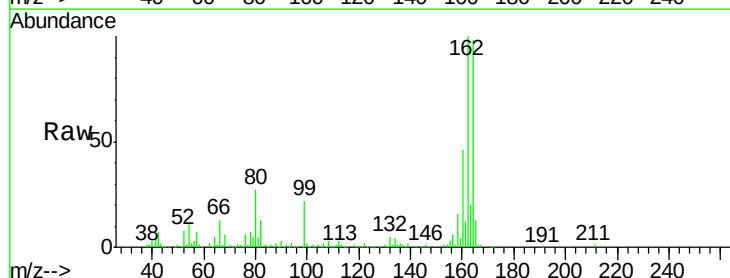
Tgt Ion:139 Resp: 8227

Ion Ratio Lower Upper

139 100

109 13.0 36.9 76.9#

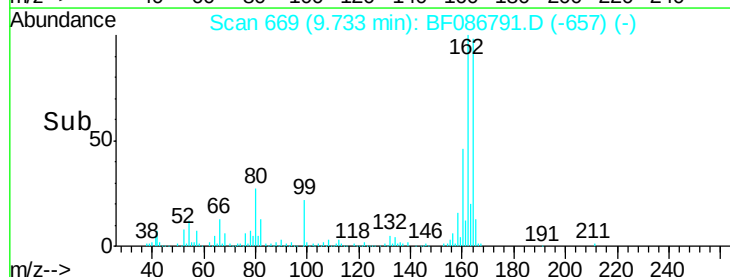
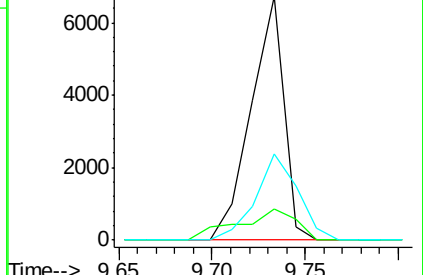
65 35.5 64.0 104.0#

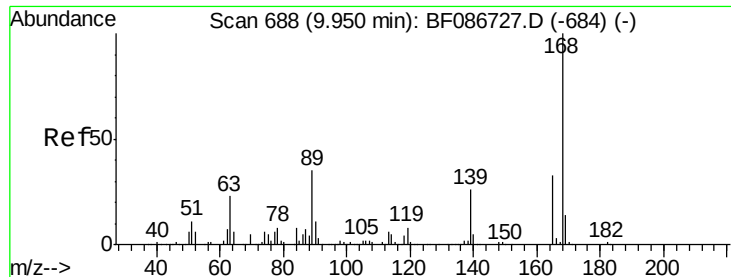


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.45 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.22 min

Lab File: BF086791.D

Acq: 7 May 2016 23:28

Instrument :

BNA_F

ClientSampleId :

MWHR3-14

Tgt Ion:165 Resp: 40447

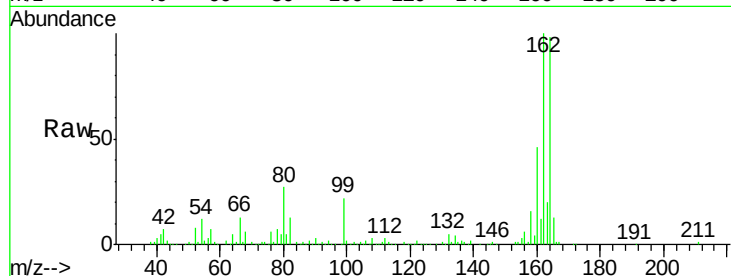
Ion Ratio Lower Upper

165 100

63 2.1 44.3 66.5#

89 1.9 70.0 105.0#

182 0.0 1.8 2.6#

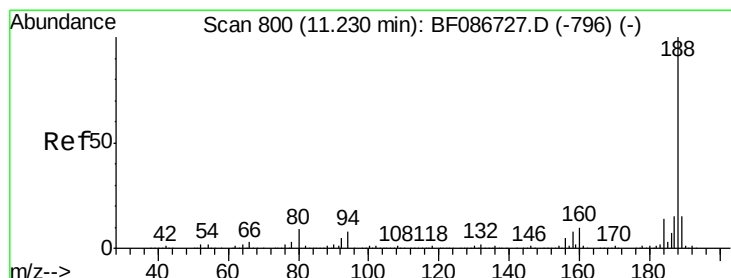
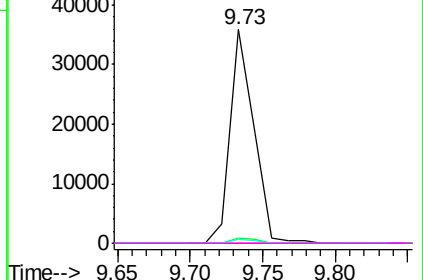
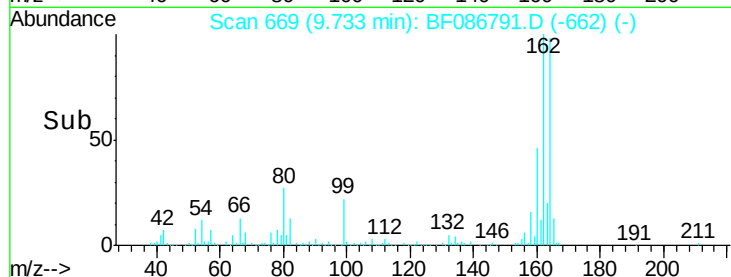


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF086791.D

Acq: 7 May 2016 23:28

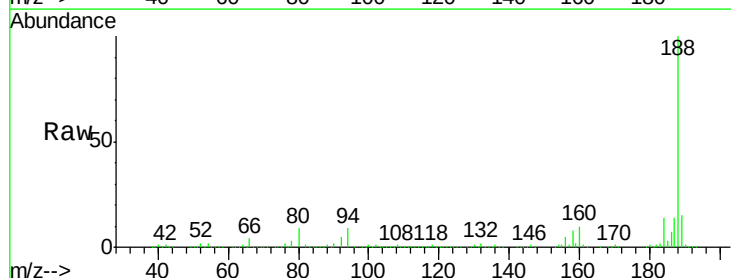
Tgt Ion:188 Resp: 568486

Ion Ratio Lower Upper

188 100

94 8.7 6.8 10.2

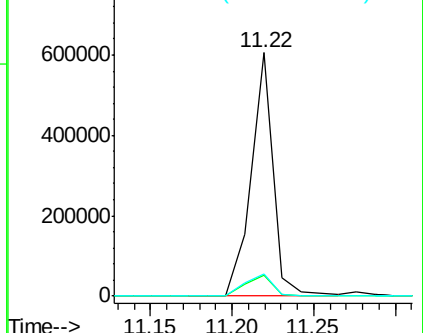
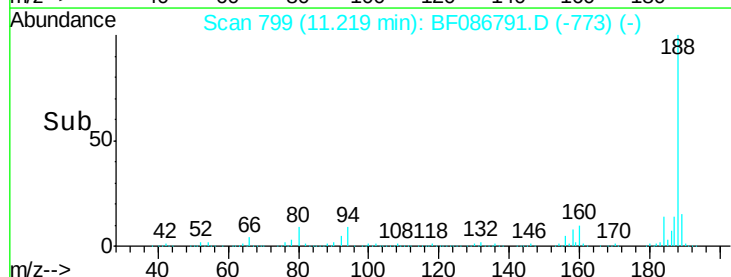
80 9.1 7.1 10.7

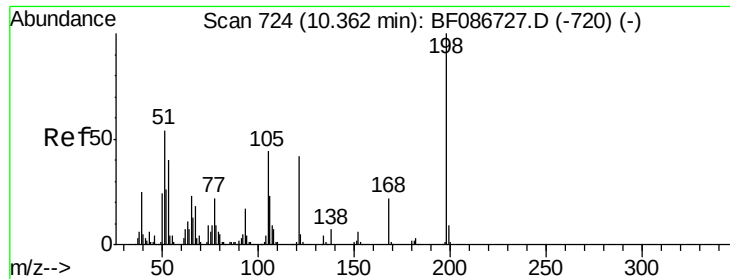


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.71 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.18 min

Lab File: BF086791.D

Acq: 7 May 2016 23:28

Instrument :

BNA_F

ClientSampleId :

MWHR3-14

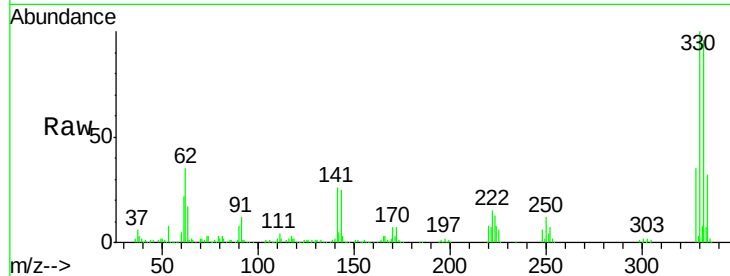
Tgt Ion:198 Resp: 1250

Ion Ratio Lower Upper

198 100

51 327.5 20.5 60.5#

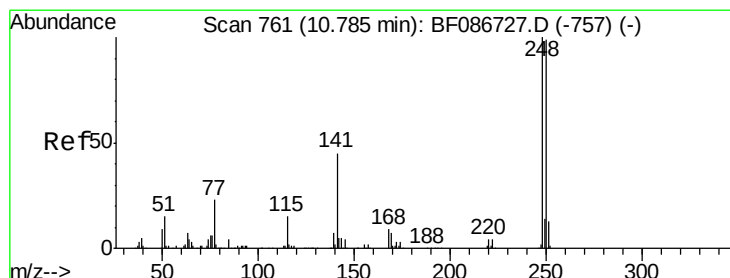
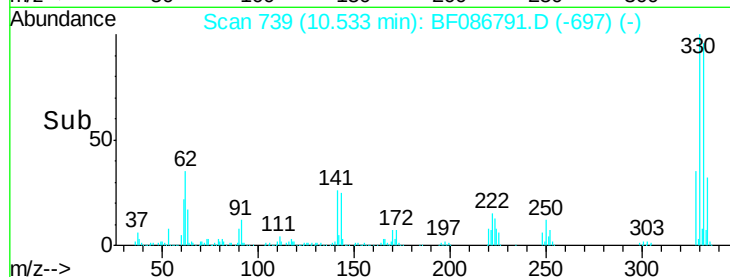
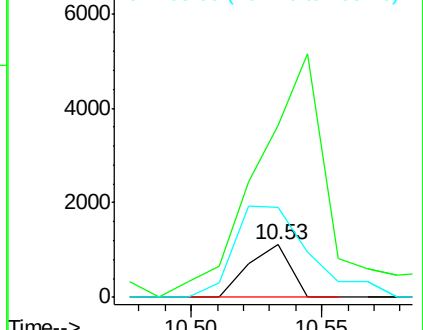
105 170.1 24.5 64.5#



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: 5.53 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.24 min

Lab File: BF086791.D

Acq: 7 May 2016 23:28

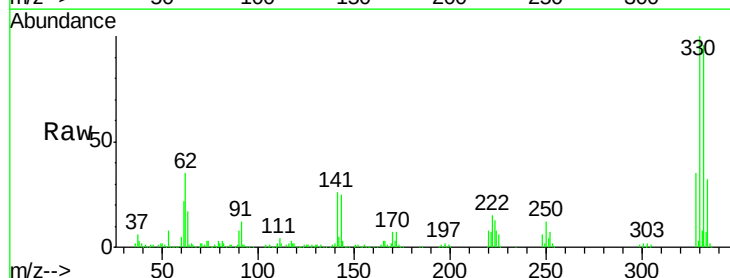
Tgt Ion:248 Resp: 31219

Ion Ratio Lower Upper

248 100

250 189.8 78.6 117.8#

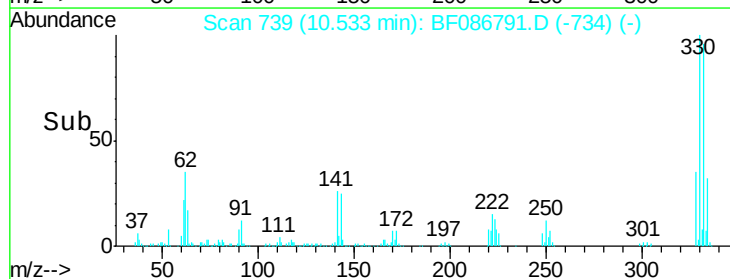
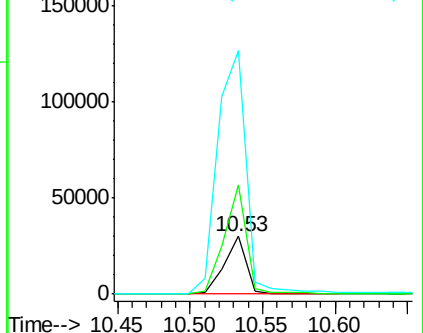
141 423.8 76.0 114.0#

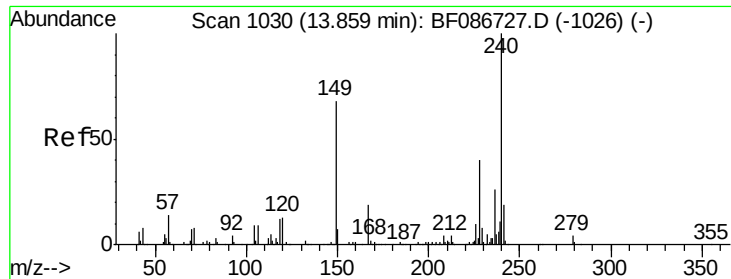


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF086791.D

Acq: 7 May 2016 23:28

Instrument :

BNA_F

ClientSampleId :

MWHR3-14

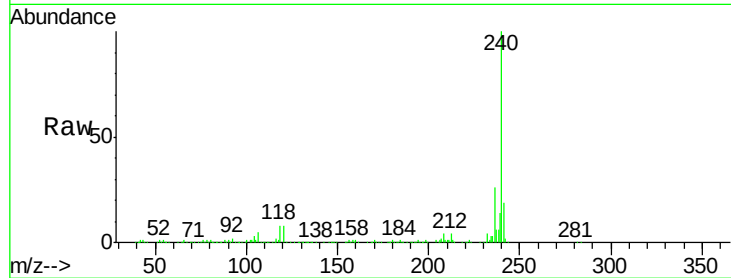
Tgt Ion:240 Resp: 383930

Ion Ratio Lower Upper

240 100

120 8.4 11.2 16.8#

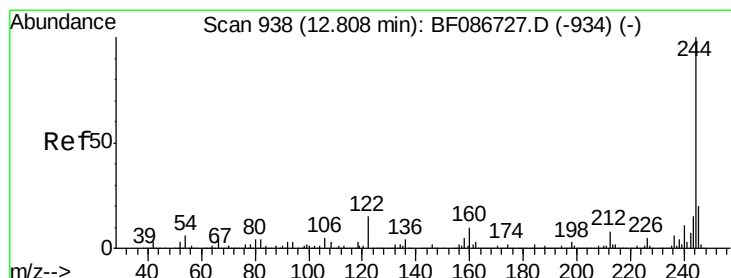
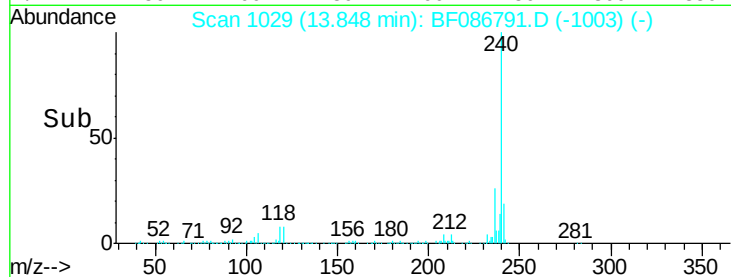
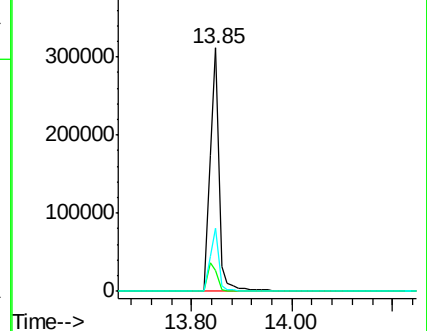
236 25.9 21.2 31.8



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: 83.98 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF086791.D

Acq: 7 May 2016 23:28

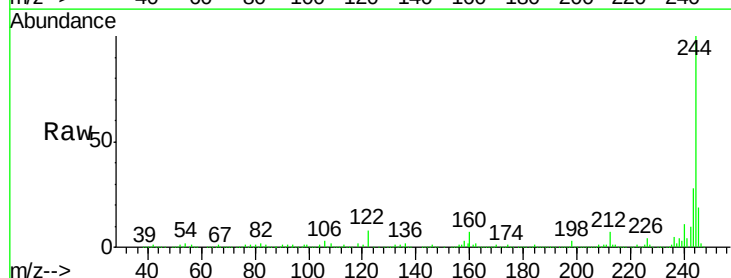
Tgt Ion:244 Resp: 1595399

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

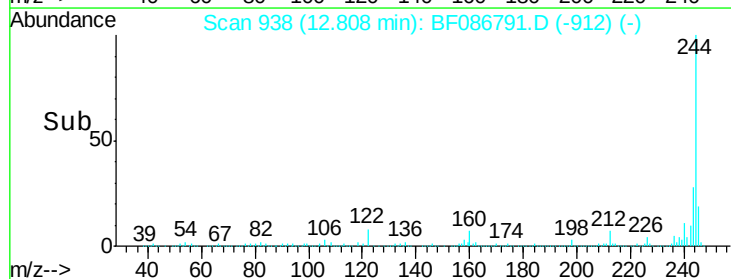
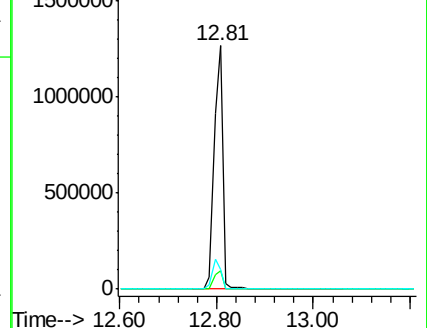
122 8.0 12.0 18.0#

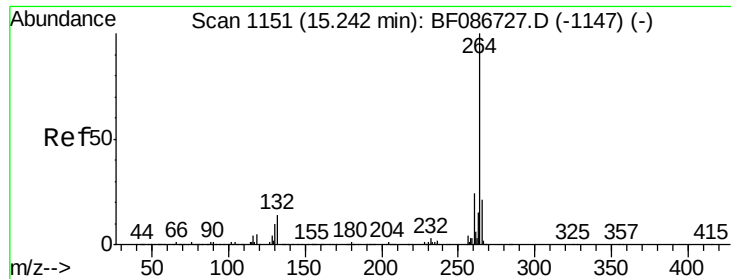


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

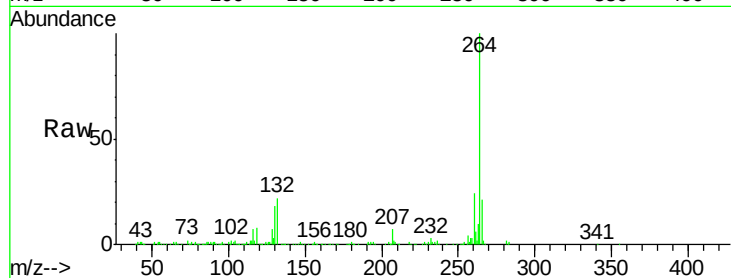




#86
Perylene-d12
Concen: 40.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF086791.D
Acq: 7 May 2016 23:28

Instrument :
BNA_F
ClientSampleId :
MWHR3-14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.4	17.3	25.9



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

