

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
 Data File : BF086792.D
 Acq On : 7 May 2016 23:57
 Operator : UM/SJ
 Sample : H2882-04
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A3-SEEP

Quant Time: May 08 04:05:03 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

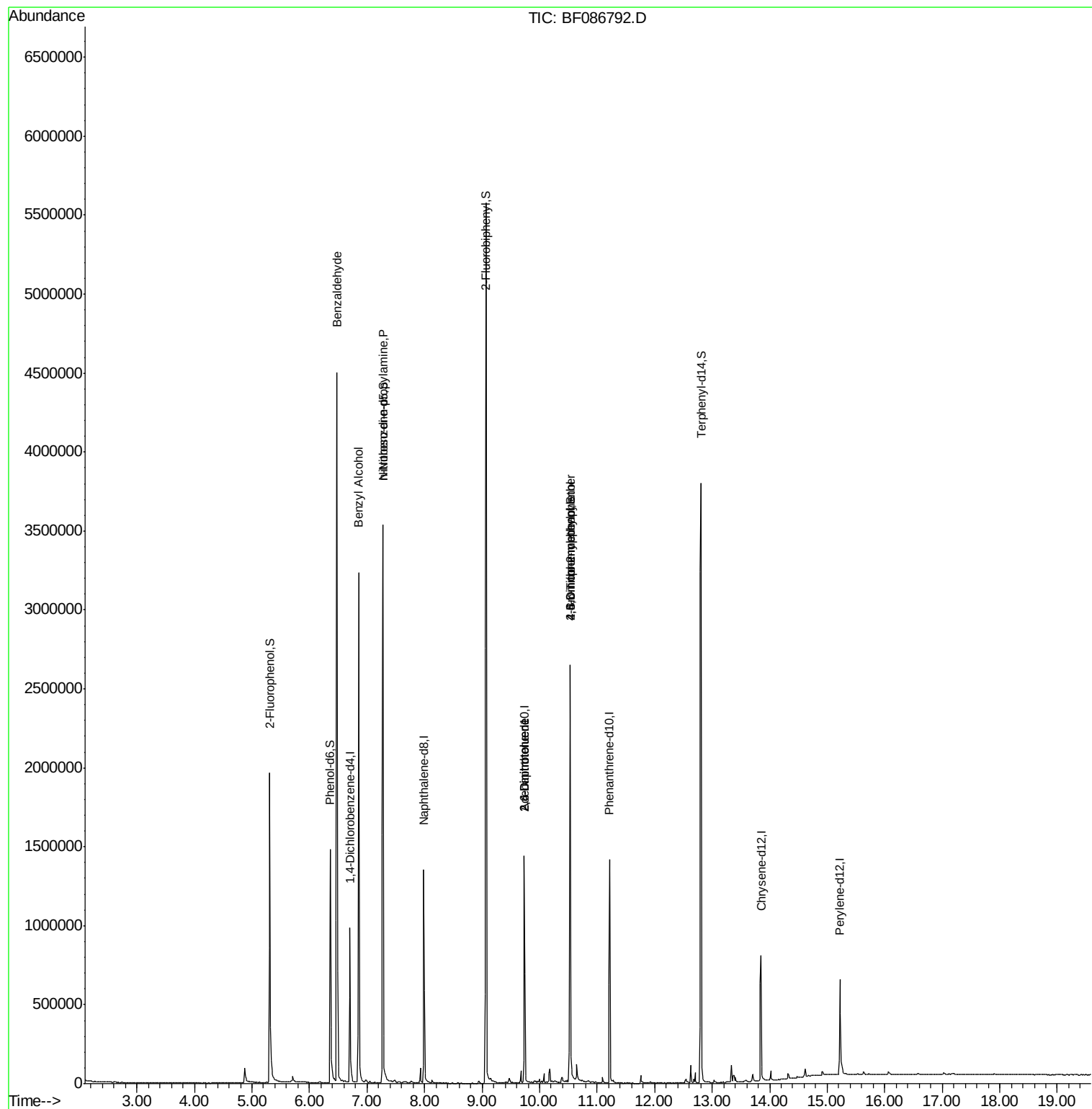
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	171758	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	692126	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	325646	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	605235	40.00	ng	0.00
75) Chrysene-d12	13.85	240	392020	40.00	ng	0.00
86) Perylene-d12	15.22	264	308455	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	612816	59.07	ng	0.01
7) Phenol-d6	6.36	99	494661	35.39	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1234660	91.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	472699	148.39	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1965822	98.95	ng	0.00
78) Terphenyl-d14	12.81	244	1653354	85.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	29901	4.29	ng	# 75
15) Benzyl Alcohol	6.85	79	19180	2.12	ng	# 44
19) n-Nitroso-di-n-propylamine	7.28	70	175110	18.34	ng	# 73
50) 2,6-Dinitrotoluene	9.73	165	40683	7.81	ng	# 21
56) 2,4-Dinitrotoluene	9.73	165	40684	6.30	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.53	198	1204	5.66	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	28059	4.67	ng	# 1

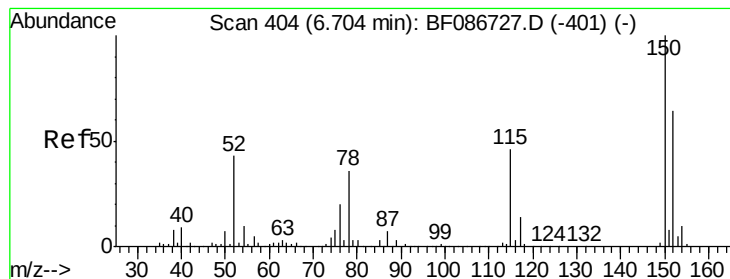
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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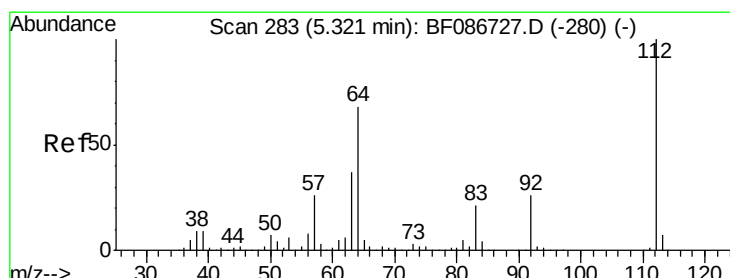
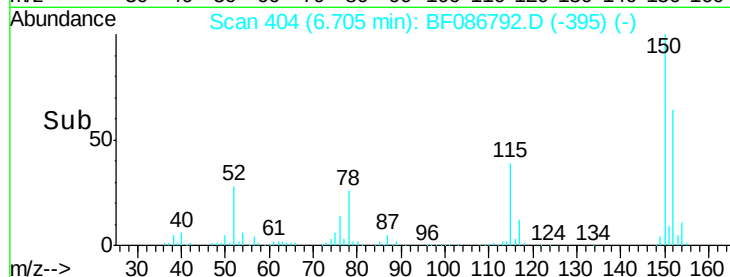
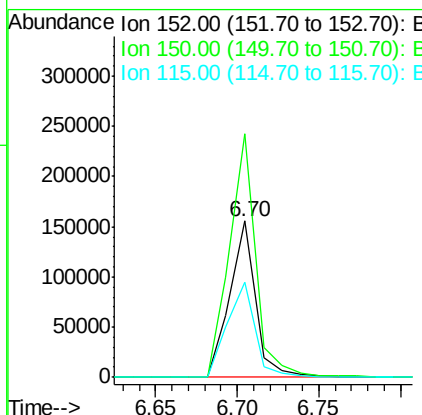
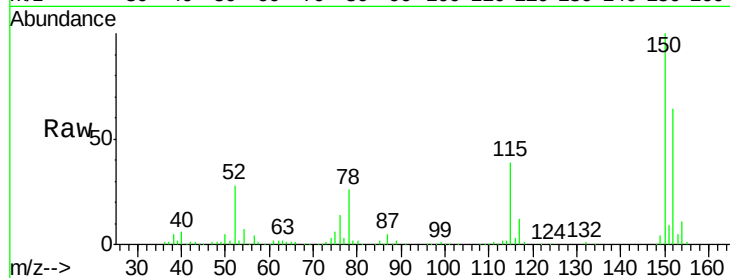


#1

1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086792.D
Acq: 7 May 2016 23:57

Instrument :
BNA_F
ClientSampleId :
A3-SEEP

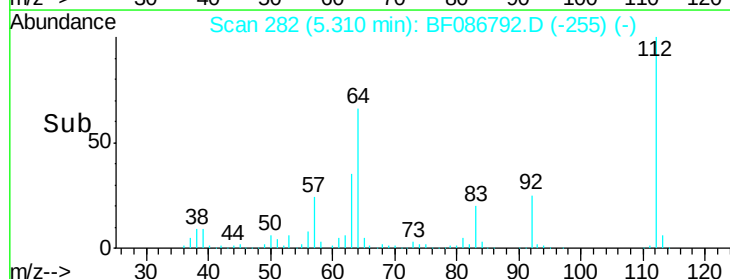
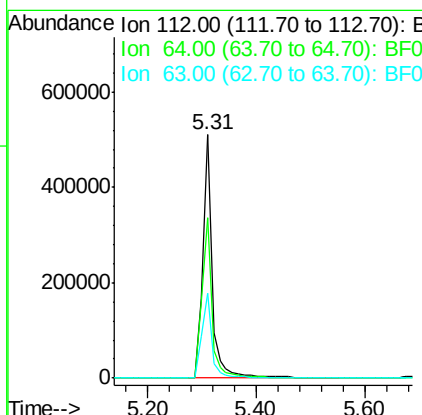
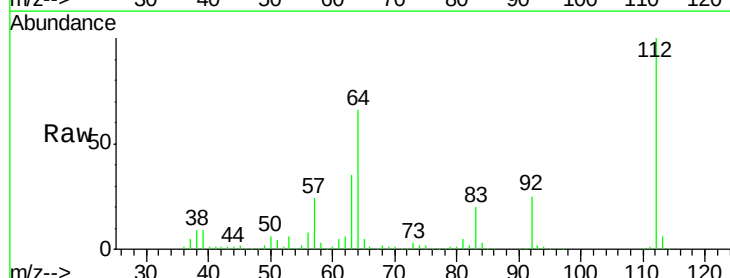
Tgt Ion:152 Resp: 171758
Ion Ratio Lower Upper
152 100
150 155.6 125.8 188.6
115 61.1 51.5 77.3

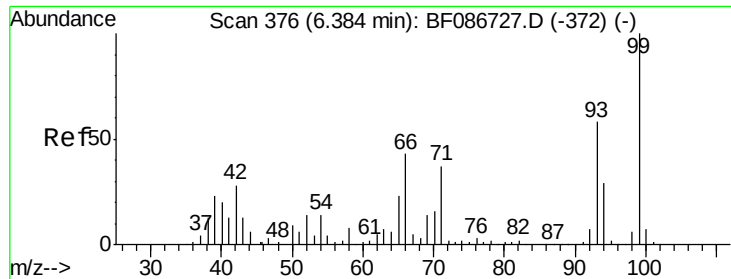


#5

2-Fluorophenol
Concen: 59.07 ng
RT: 5.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF086792.D
Acq: 7 May 2016 23:57

Tgt Ion:112 Resp: 612816
Ion Ratio Lower Upper
112 100
64 65.7 52.1 78.1
63 34.7 25.7 38.5





#7

Phenol-d6

Concen: 35.39 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086792.D

Acq: 7 May 2016 23:57

Instrument :

BNA_F

ClientSampled :

A3-SEEP

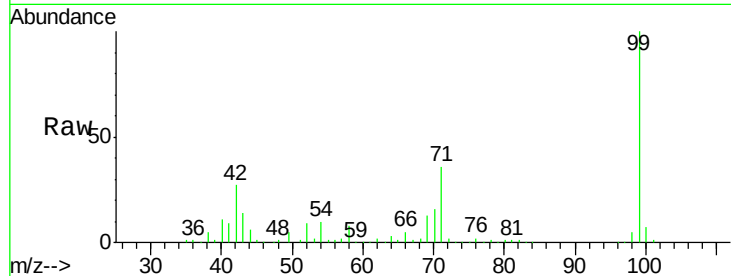
Tgt Ion: 99 Resp: 494661

Ion Ratio Lower Upper

99 100

42 27.4 13.6 20.4#

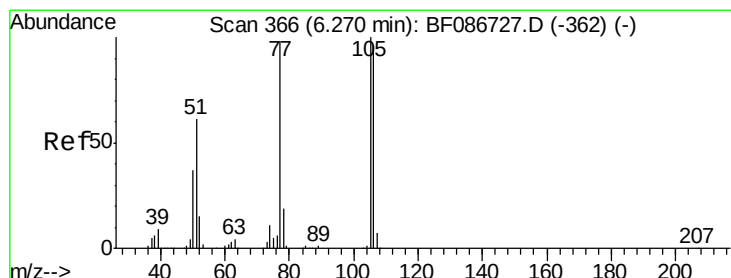
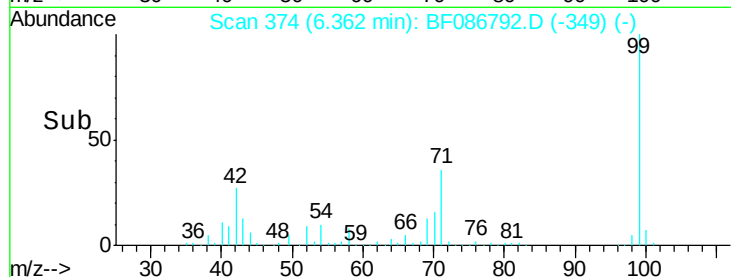
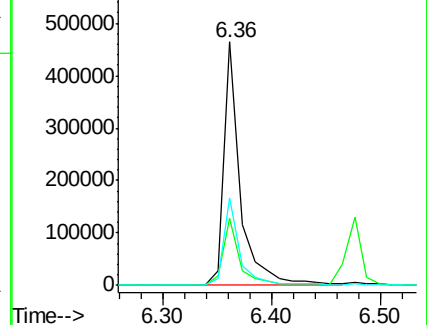
71 36.0 24.6 36.8



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



#9

Benzaldehyde

Concen: 4.29 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.22 min

Lab File: BF086792.D

Acq: 7 May 2016 23:57

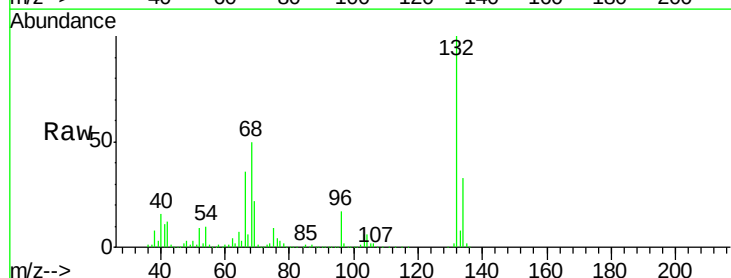
Tgt Ion: 77 Resp: 29901

Ion Ratio Lower Upper

77 100

105 73.3 72.7 112.7

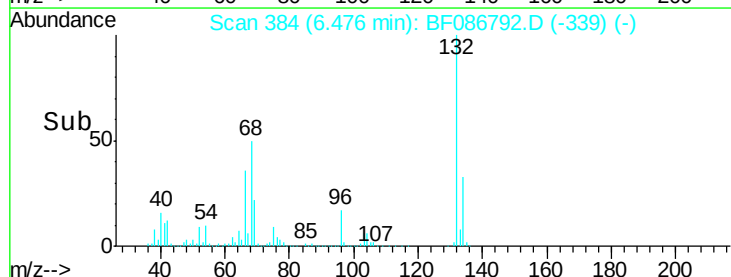
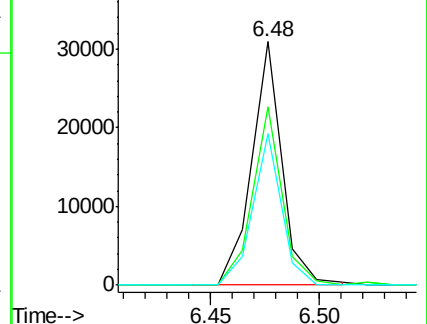
106 62.2 70.8 110.8#

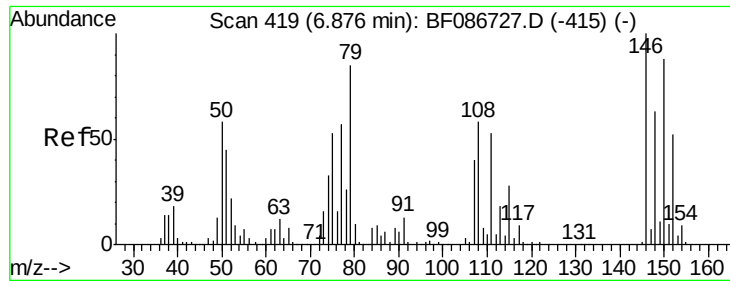


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF086792.D

Acq: 7 May 2016 23:57

Instrument :

BNA_F

ClientSampleId :

A3-SEEP

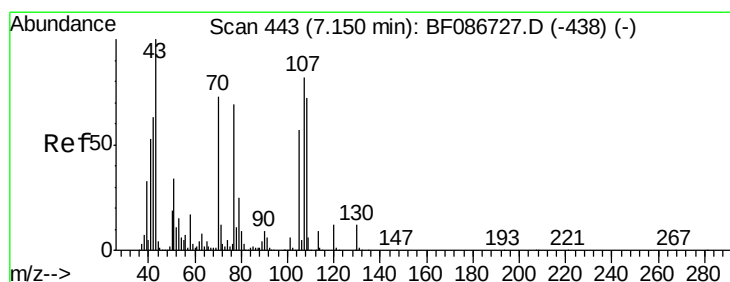
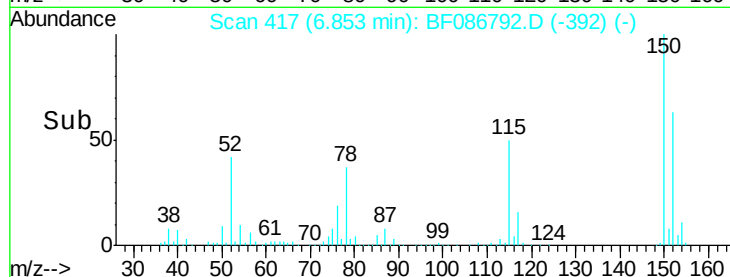
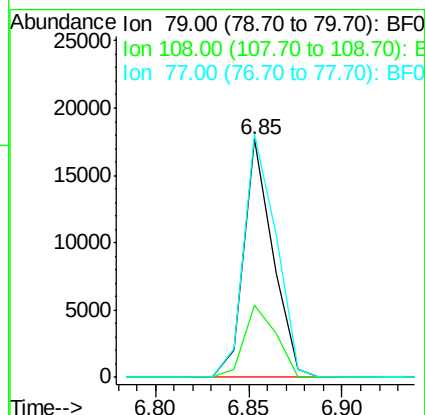
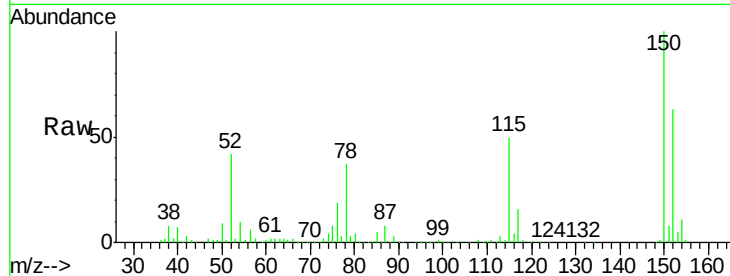
Tgt Ion: 79 Resp: 19180

Ion Ratio Lower Upper

79 100

108 30.3 68.4 102.6#

77 102.3 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 18.34 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.14 min

Lab File: BF086792.D

Acq: 7 May 2016 23:57

Tgt Ion: 70 Resp: 175110

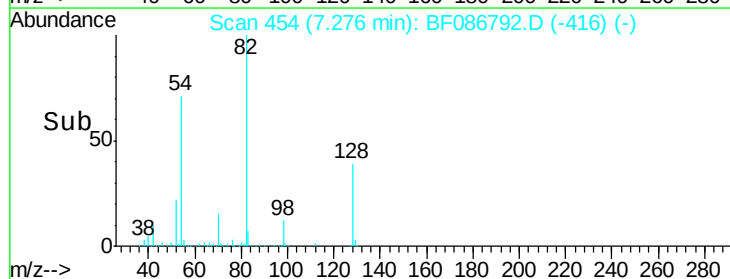
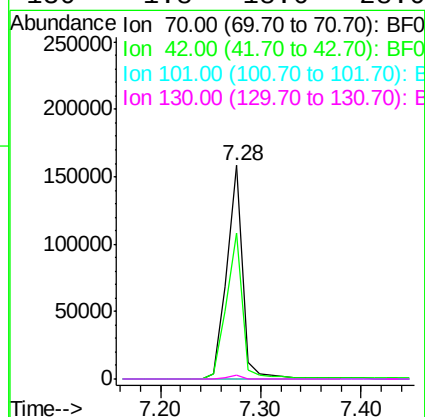
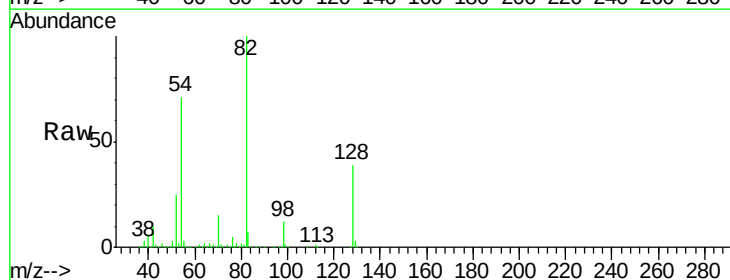
Ion Ratio Lower Upper

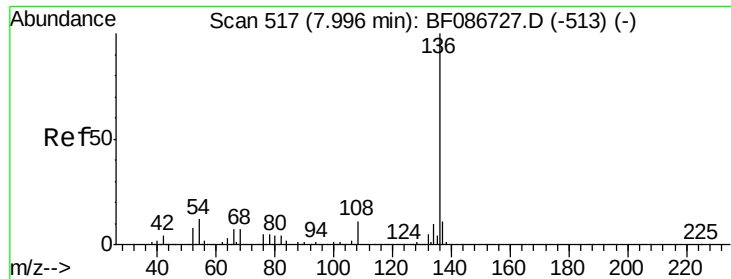
70 100

42 68.2 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 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: BF086792.D

Acq: 7 May 2016 23:57

Instrument :

BNA_F

ClientSampleId :

A3-SEEP

Tgt Ion:136 Resp: 692126

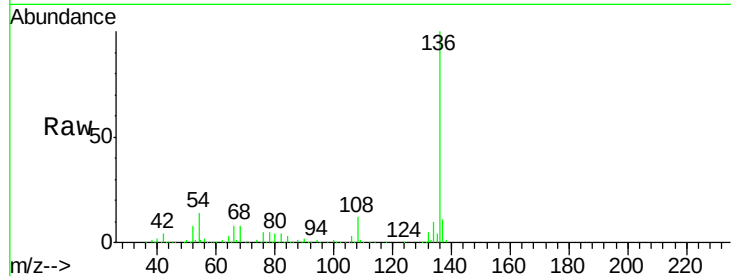
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 14.1 5.0 7.4#

68 7.8 4.4 6.6#

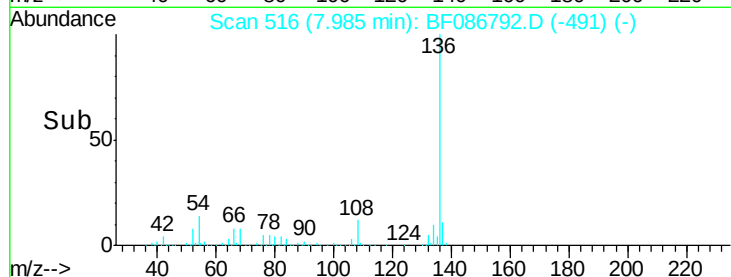


Abundance Ion 136.00 (135.70 to 136.70): E

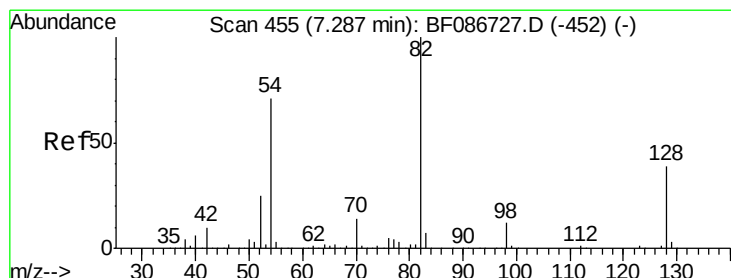
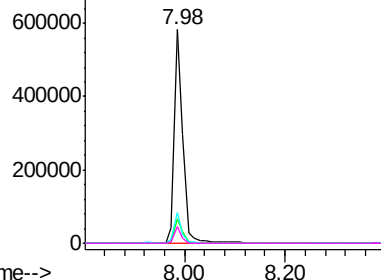
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 91.67 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086792.D

Acq: 7 May 2016 23:57

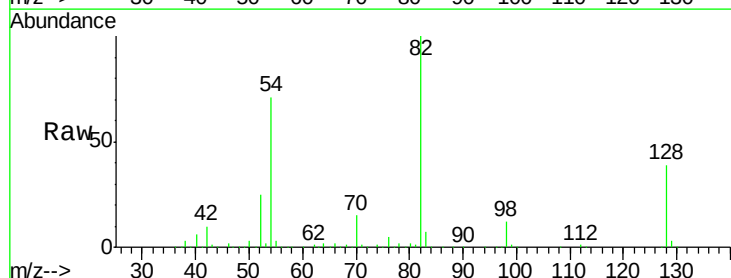
Tgt Ion: 82 Resp: 1234660

Ion Ratio Lower Upper

82 100

128 39.4 40.6 61.0#

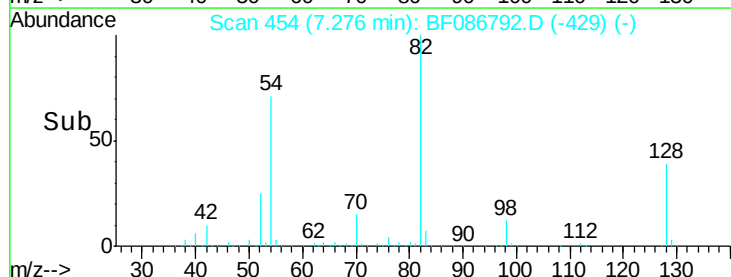
54 71.4 38.1 57.1#



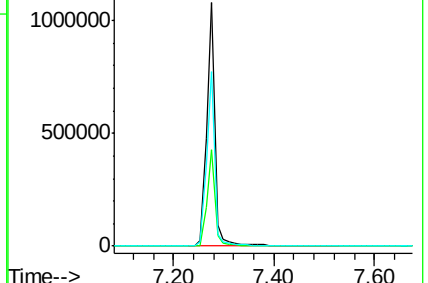
Abundance Ion 82.00 (81.70 to 82.70): BF0

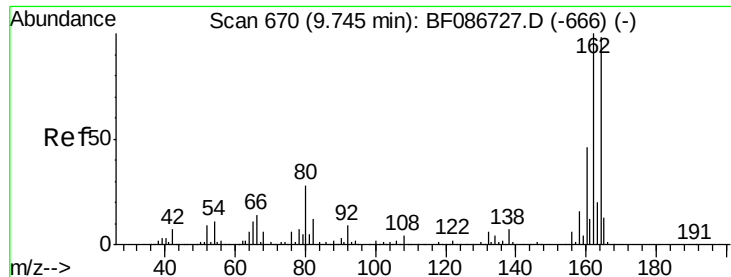
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF086792.D

Acq: 7 May 2016 23:57

Instrument :

BNA_F

ClientSampleId :

A3-SEEP

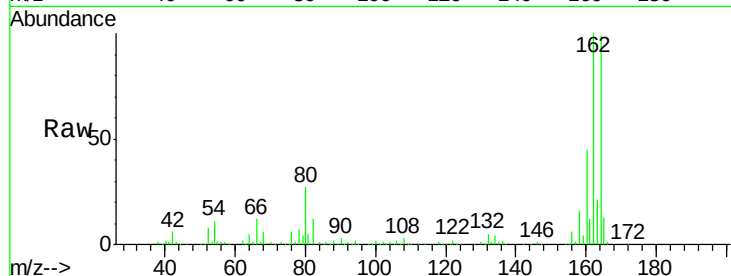
Tgt Ion:164 Resp: 325646

Ion Ratio Lower Upper

164 100

162 100.9 82.8 124.2

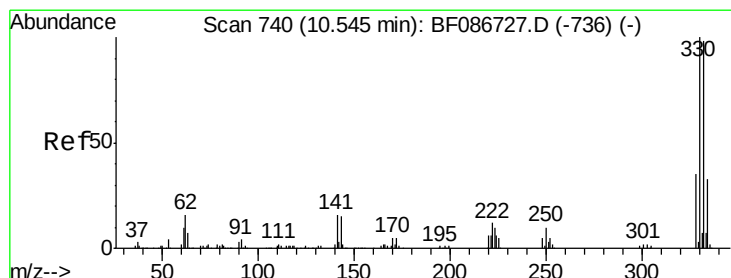
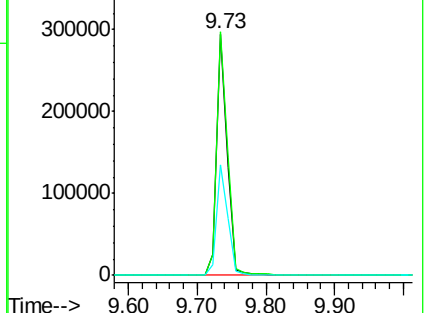
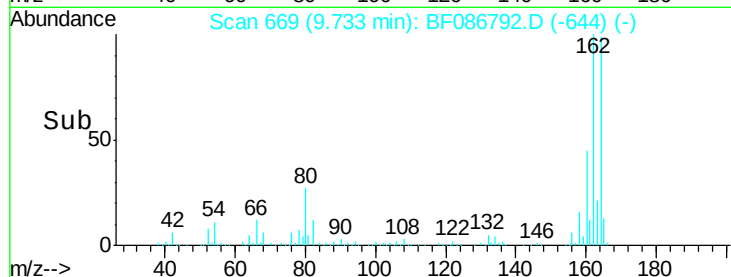
160 45.7 36.9 55.3



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: 148.39 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF086792.D

Acq: 7 May 2016 23:57

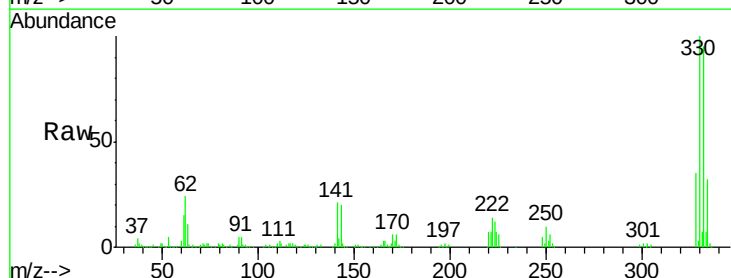
Tgt Ion:330 Resp: 472699

Ion Ratio Lower Upper

330 100

332 95.8 79.0 118.4

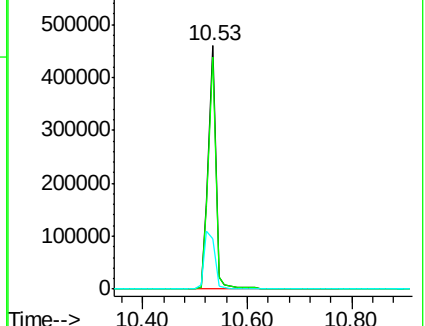
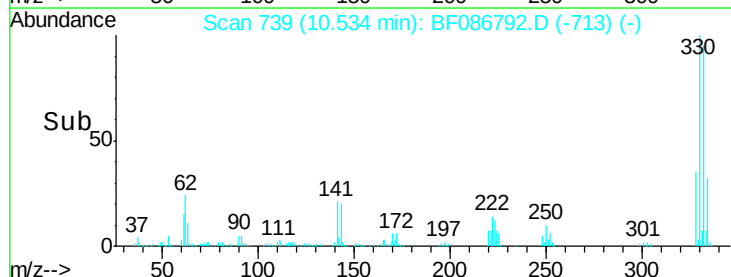
141 33.6 31.2 46.8

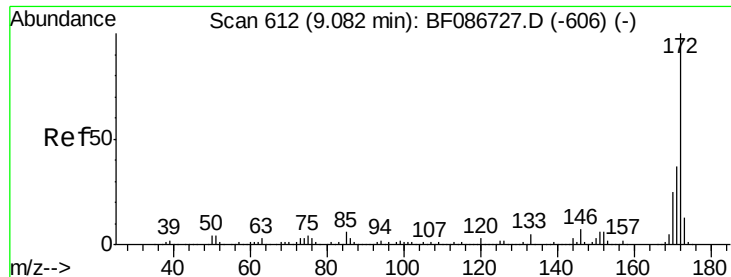


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

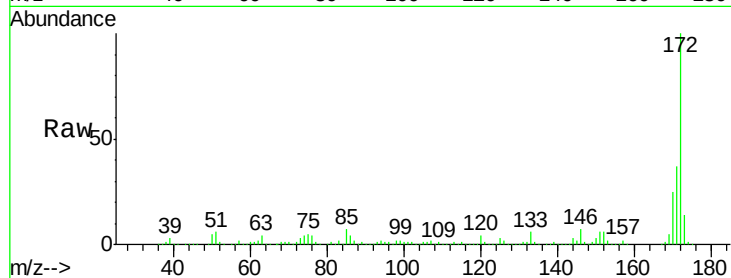




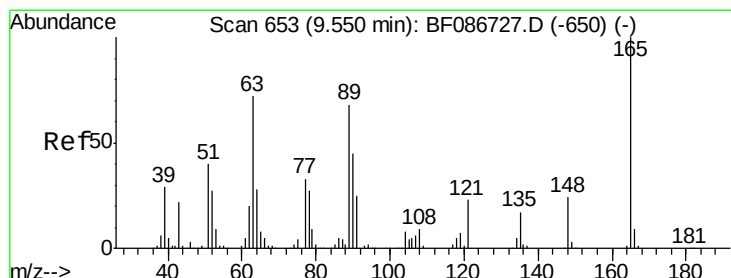
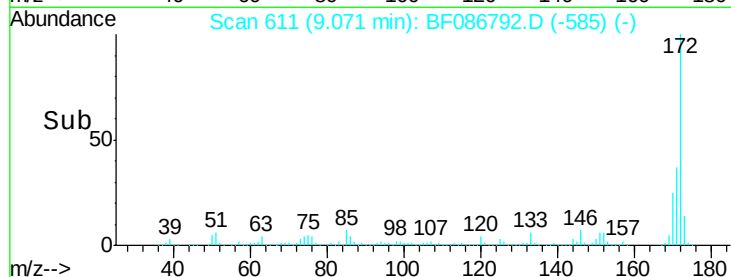
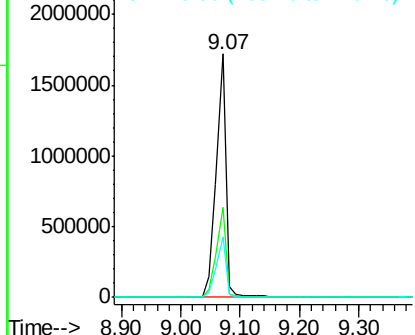
#44
 2-Fluorobiphenyl
 Concen: 98.95 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF086792.D
 Acq: 7 May 2016 23:57

Instrument :
 BNA_F
 ClientSampleId :
 A3-SEEP

Tgt Ion:172 Resp: 1965822
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.0 43.6
 170 25.0 19.8 29.8

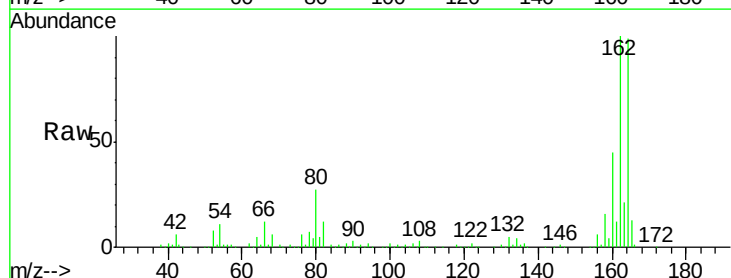


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

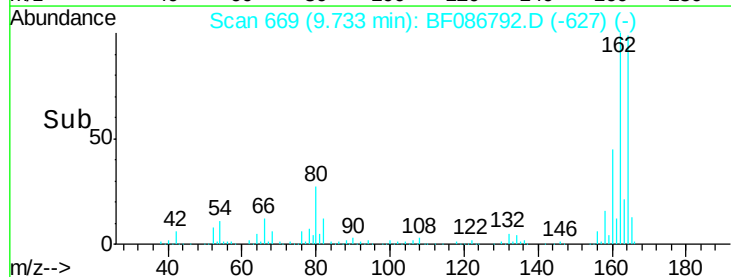
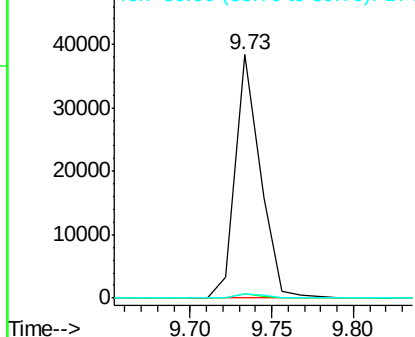


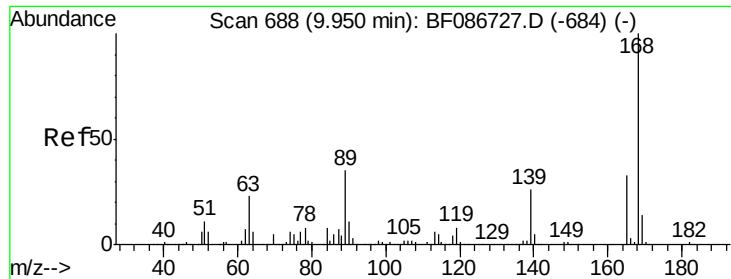
#50
 2,6-Dinitrotoluene
 Concen: 7.81 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.18 min
 Lab File: BF086792.D
 Acq: 7 May 2016 23:57

Tgt Ion:165 Resp: 40683
 Ion Ratio Lower Upper
 165 100
 63 2.0 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





#56

2,4-Dinitrotoluene

Concen: 6.30 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.22 min

Lab File: BF086792.D

Acq: 7 May 2016 23:57

Instrument :

BNA_F

ClientSampleId :

A3-SEEP

Tgt Ion:165 Resp: 40684

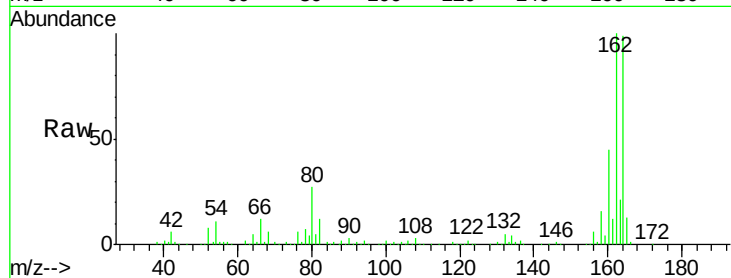
Ion Ratio Lower Upper

165 100

63 2.0 44.3 66.5#

89 1.9 70.0 105.0#

182 0.0 1.8 2.6#

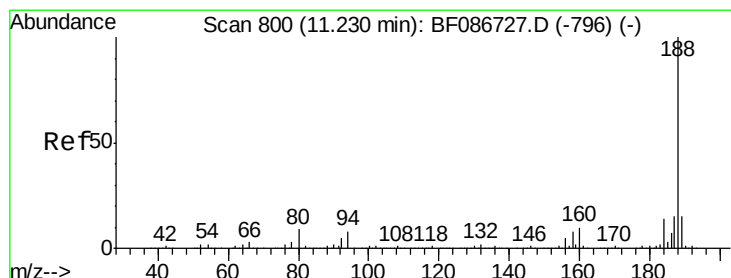
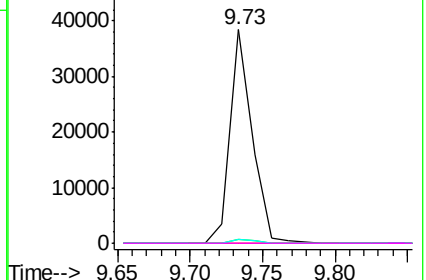
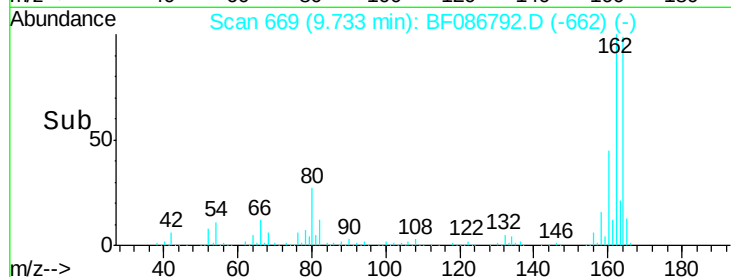


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF086792.D

Acq: 7 May 2016 23:57

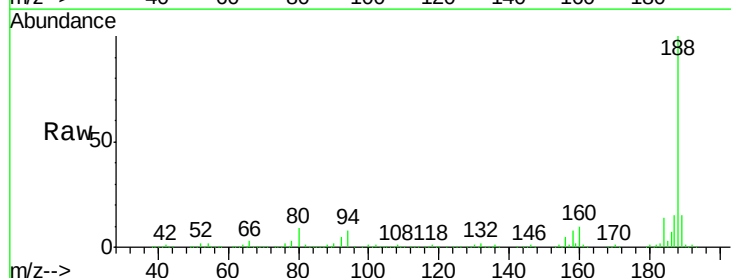
Tgt Ion:188 Resp: 605235

Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

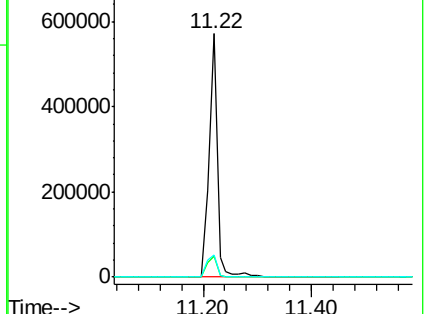
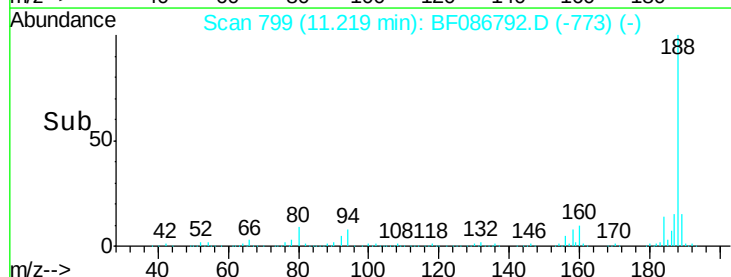
80 8.9 7.1 10.7

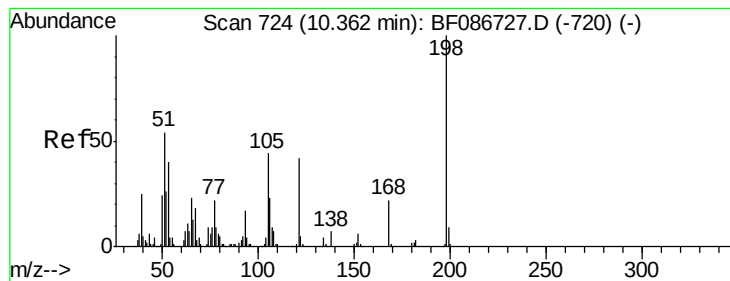


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.66 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.18 min

Lab File: BF086792.D

Acq: 7 May 2016 23:57

Instrument :

BNA_F

ClientSampleId :

A3-SEEP

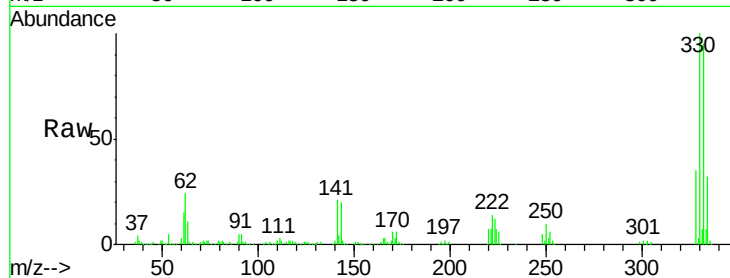
Tgt Ion:198 Resp: 1204

Ion Ratio Lower Upper

198 100

51 131.9 20.5 60.5#

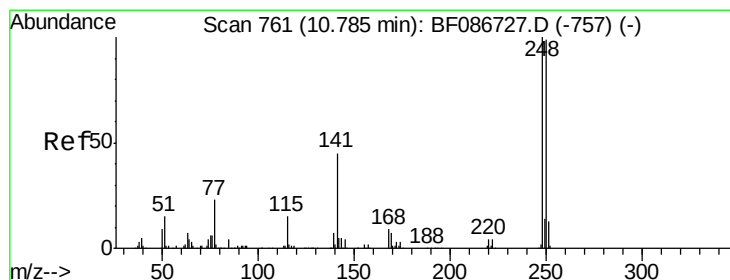
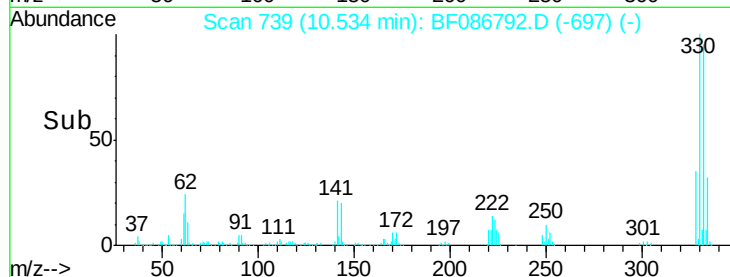
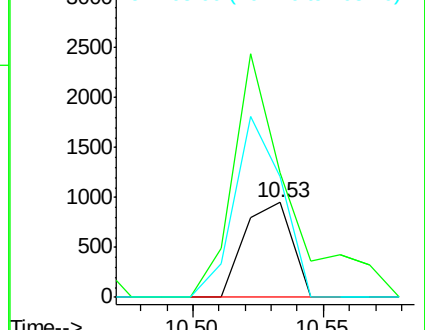
105 127.8 24.5 64.5#



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: 4.67 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.24 min

Lab File: BF086792.D

Acq: 7 May 2016 23:57

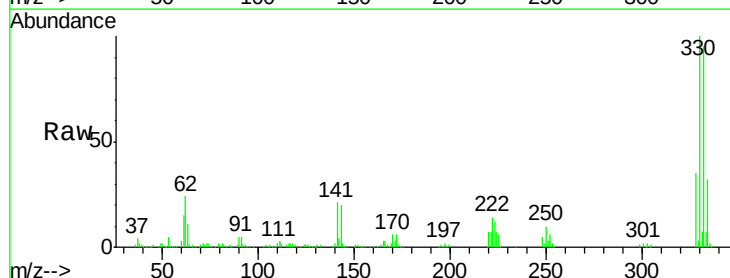
Tgt Ion:248 Resp: 28059

Ion Ratio Lower Upper

248 100

250 197.2 78.6 117.8#

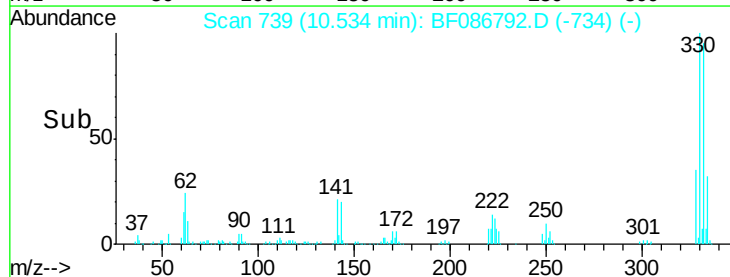
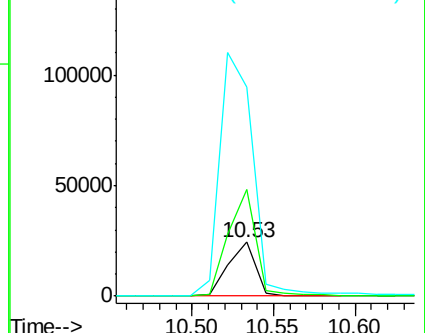
141 387.0 76.0 114.0#

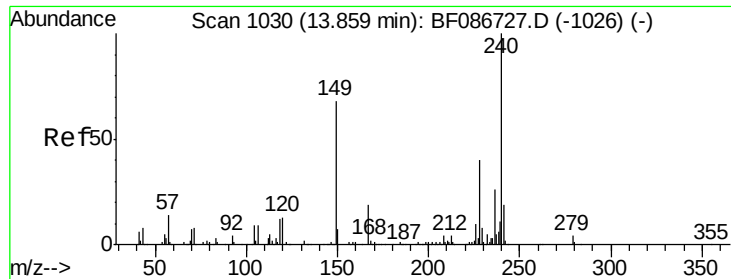


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

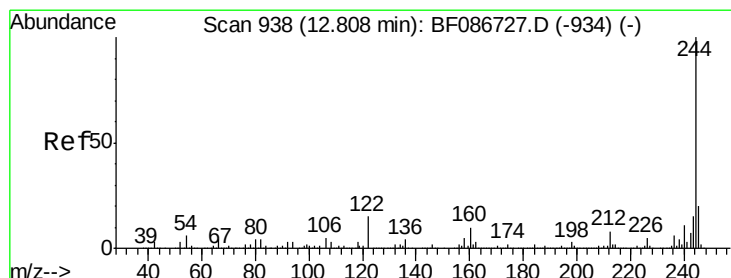
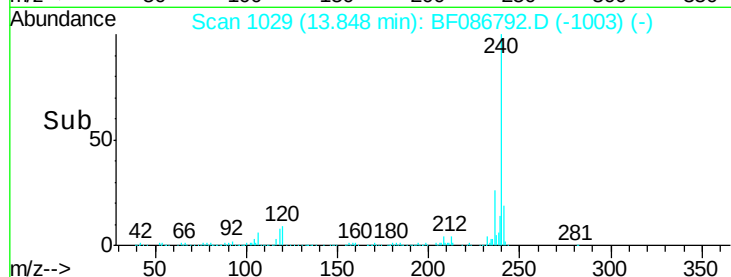
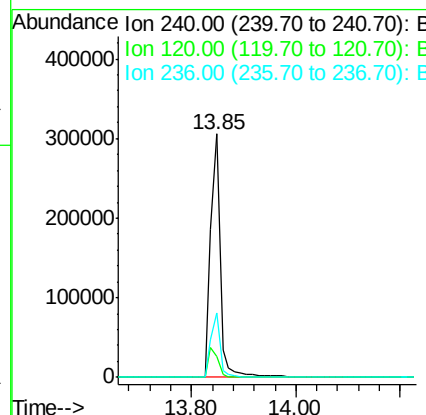
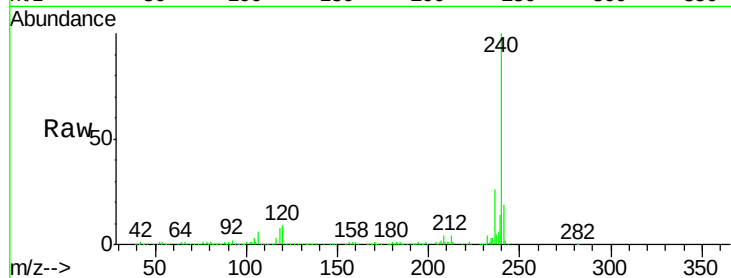




#75
 Chrysene-d12
 Concen: 40.00 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF086792.D
 Acq: 7 May 2016 23:57

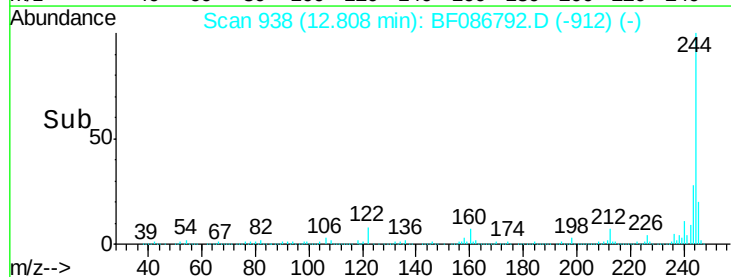
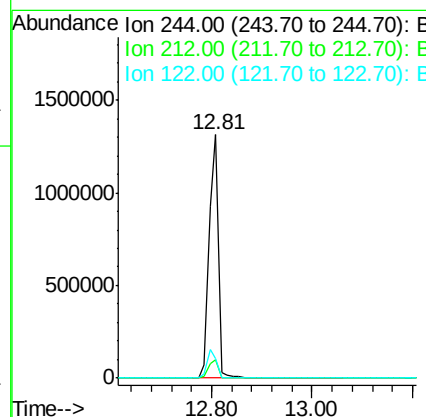
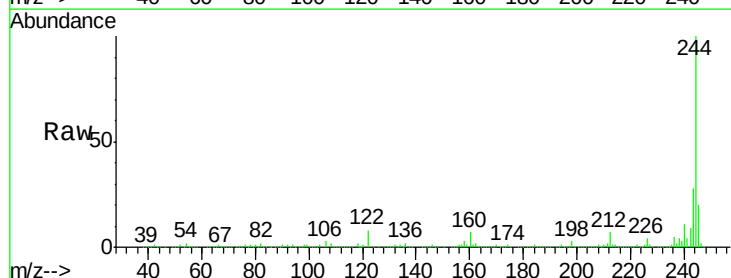
Instrument :
 BNA_F
 ClientSampleId :
 A3-SEEP

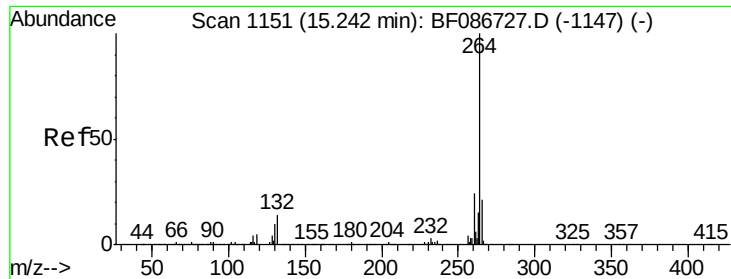
Tgt Ion: 240 Resp: 392020
 Ion Ratio Lower Upper
 240 100
 120 8.7 11.2 16.8#
 236 26.5 21.2 31.8



#78
 Terphenyl-d14
 Concen: 85.24 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF086792.D
 Acq: 7 May 2016 23:57

Tgt Ion: 244 Resp: 1653354
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.1 12.0 18.0#





#86
Perylene-d12
Concen: 40.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF086792.D
Acq: 7 May 2016 23:57

Instrument :
BNA_F
ClientSampleId :
A3-SEEP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.3	17.3	25.9

