

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061216\
 Data File : BF087952.D
 Acq On : 12 Jun 2016 17:06
 Operator : UM/SJ
 Sample : H3490-03
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JAMAICA-FB2-6-06-16

Quant Time: Jun 13 04:59:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 02:17:28 2016
 Response via : Initial Calibration

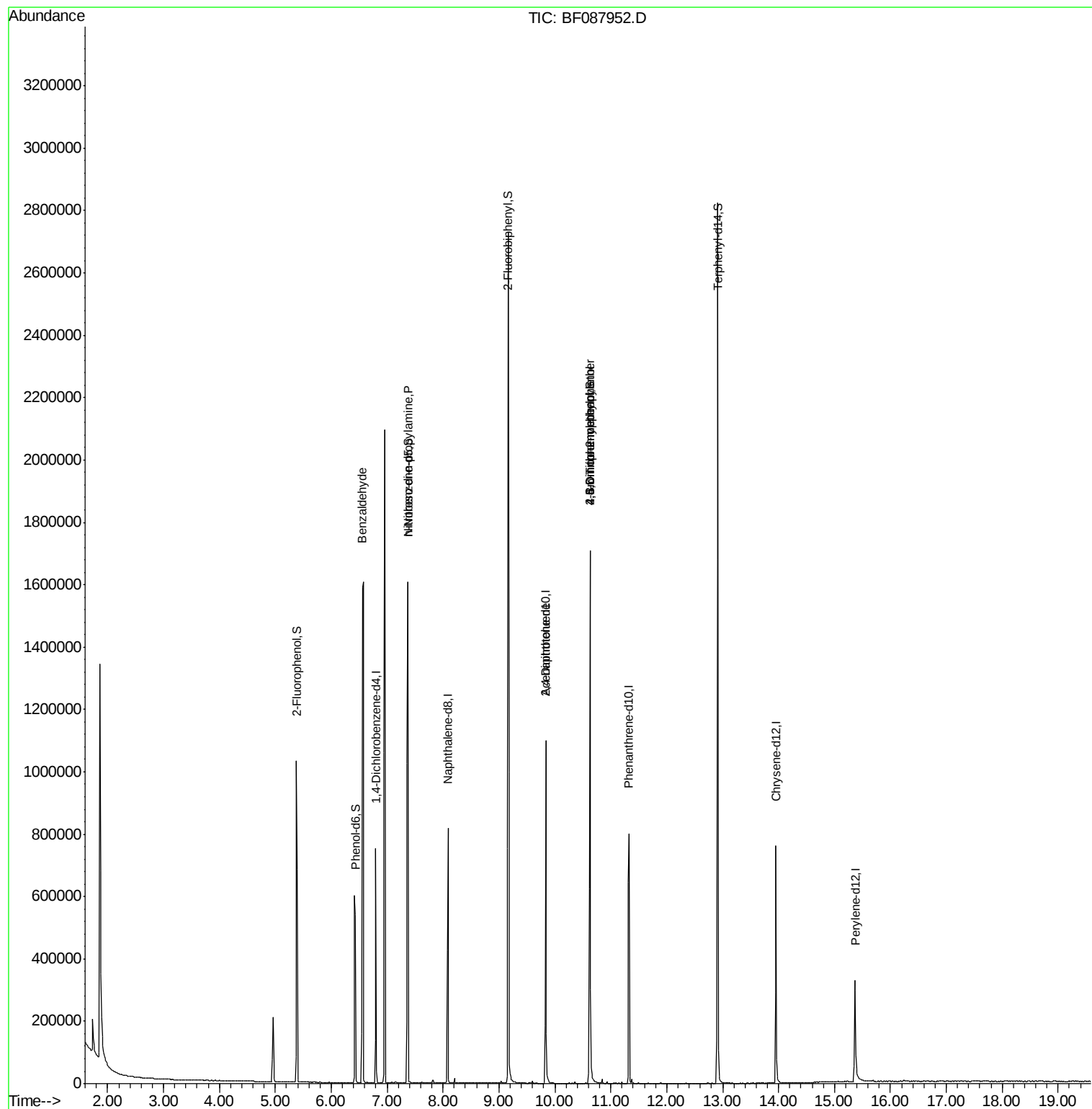
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109992	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	456781	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	222904	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	420494	20.00	ng	0.00
75) Chrysene-d12	13.95	240	305441	20.00	ng	-0.01
86) Perylene-d12	15.37	264	239062	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	395959	61.54	ng	-0.01
7) Phenol-d6	6.43	99	326278	41.84	ng	-0.01
23) Nitrobenzene-d5	7.37	82	685572	87.64	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	238156	101.19	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1126375	78.99	ng	-0.01
78) Terphenyl-d14	12.91	244	1074823	80.07	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.56	77	14919	2.73	ng	# 66
10) Phenol	6.56	94	1232	Below	Cal	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	90070	18.06	ng	# 69
45) 1,1'-Biphenyl	9.16	154	2113	Below	Cal	# 1
56) 2,4-Dinitrotoluene	9.84	165	28200	5.93	ng	# 38
57) Fluorene	10.63	166	11496	Below	Cal	# 85
64) 4,6-Dinitro-2-methylphenol	10.63	198	375	2.30	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	15154	3.36	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: 6.80 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF087952.D

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Instrument :

BNA_F

ClientSampleId :

JAMAICA-FB2-6-06-16

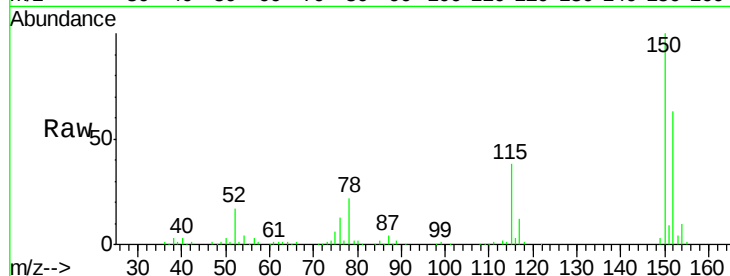
Tgt Ion:152 Resp: 109992

Ion Ratio Lower Upper

152 100

150 157.6 123.8 185.6

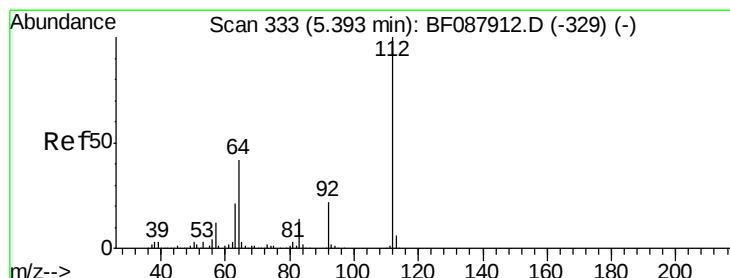
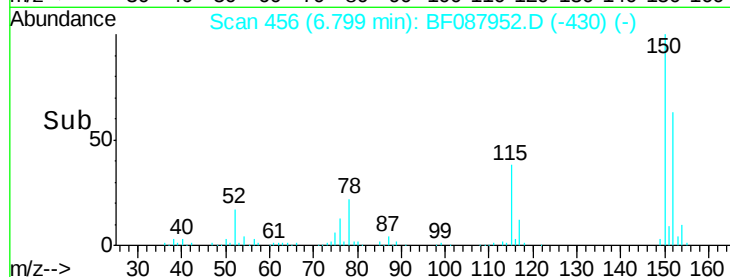
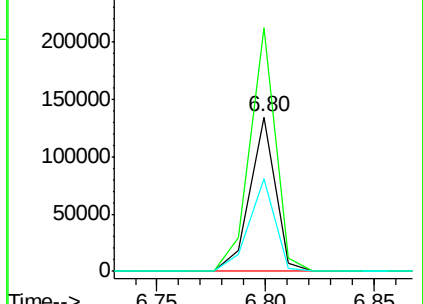
115 60.1 39.6 59.4#



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: 61.54 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.01 min

Lab File: BF087952.D

Acq: 12 Jun 2016 17:06

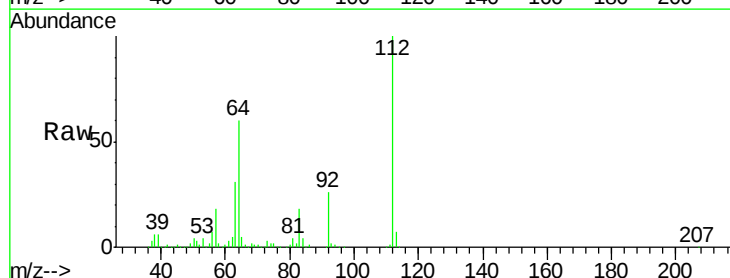
Tgt Ion:112 Resp: 395959

Ion Ratio Lower Upper

112 100

64 59.7 42.2 63.2

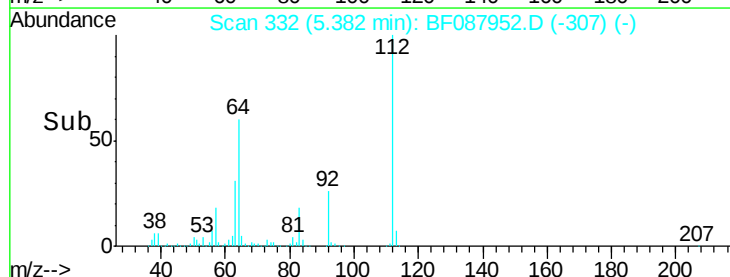
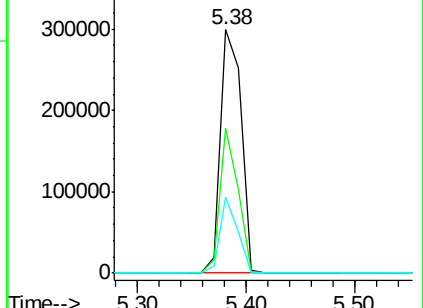
63 31.0 21.8 32.8



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: 41.84 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087952.D

Acq: 12 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

JAMAICA-FB2-6-06-16

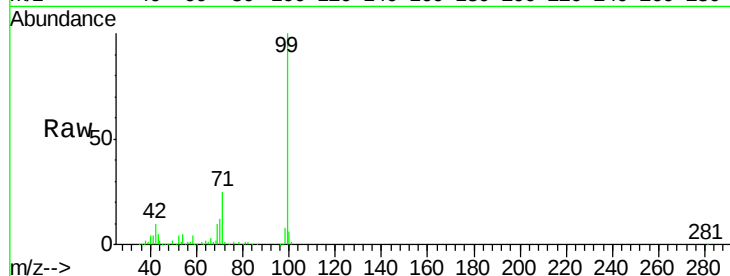
Tgt Ion: 99 Resp: 326278

Ion Ratio Lower Upper

99 100

42 10.4 12.2 18.2#

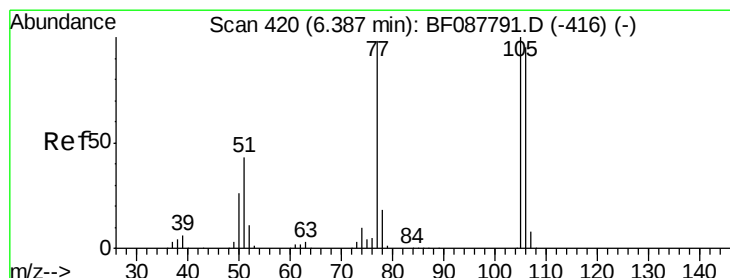
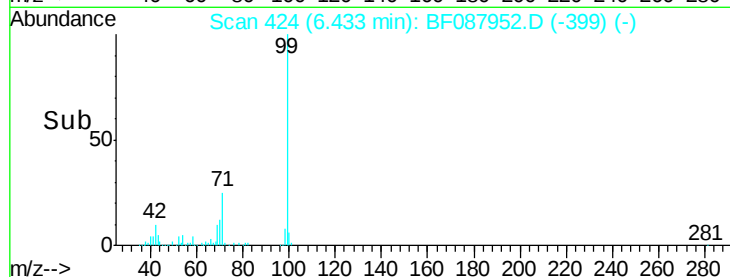
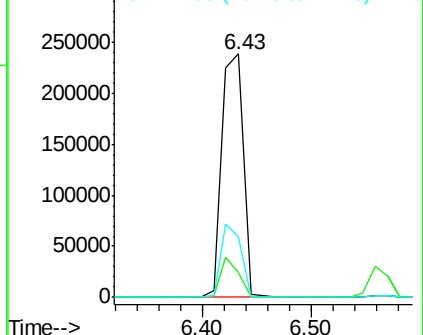
71 24.8 23.4 35.0



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: 2.73 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.22 min

Lab File: BF087952.D

Acq: 12 Jun 2016 17:06

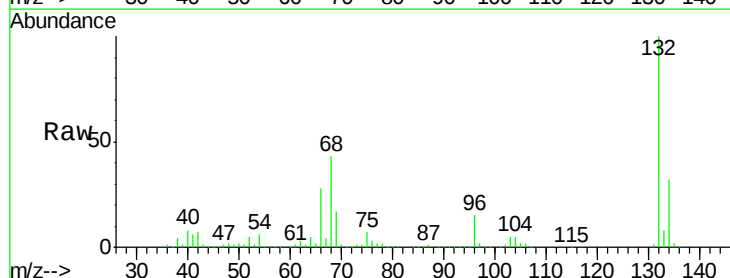
Tgt Ion: 77 Resp: 14919

Ion Ratio Lower Upper

77 100

105 77.9 90.6 130.6#

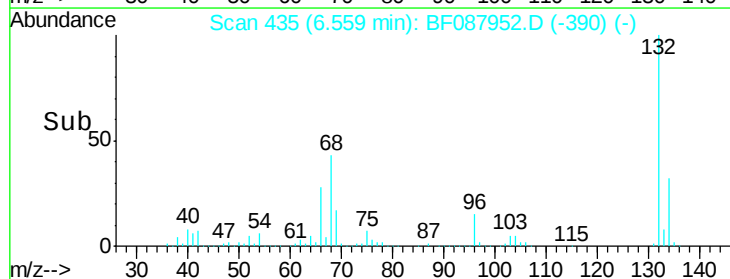
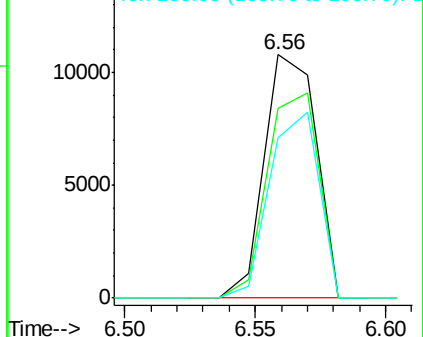
106 66.1 85.3 125.3#

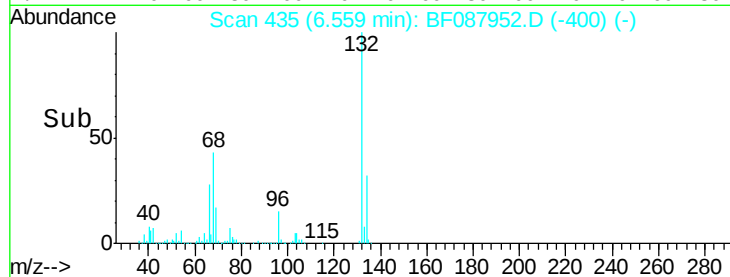
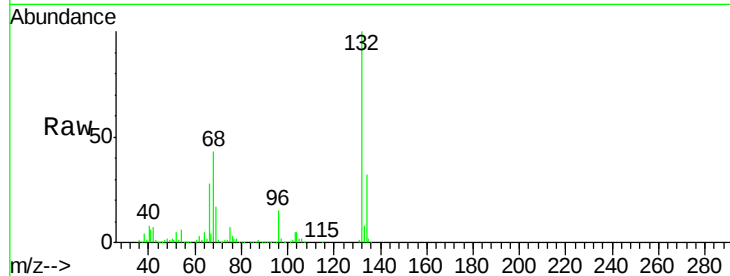
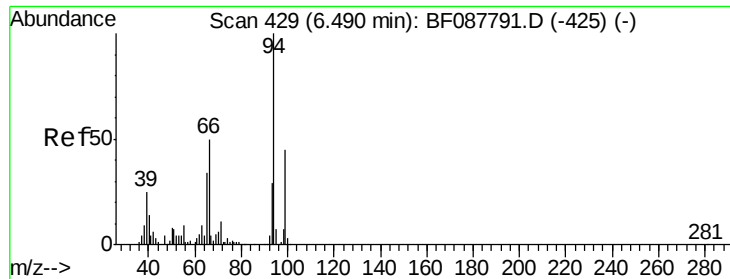


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: Below Cal

RT: 6.56 min Scan# 435

Delta R.T. 0.10 min

Lab File: BF087952.D

Acq: 12 Jun 2016 17:06

Instrument :

BNA_F

ClientSampleId :

JAMAICA-FB2-6-06-16

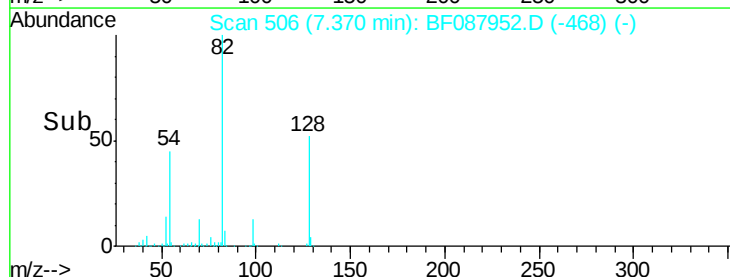
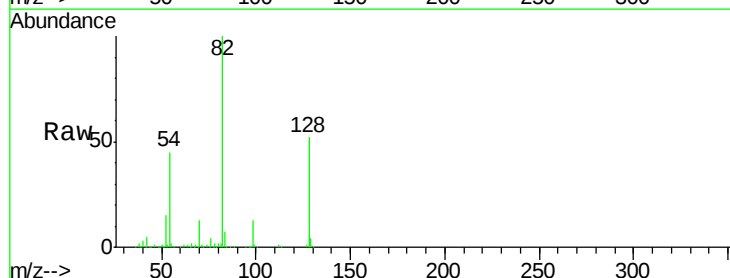
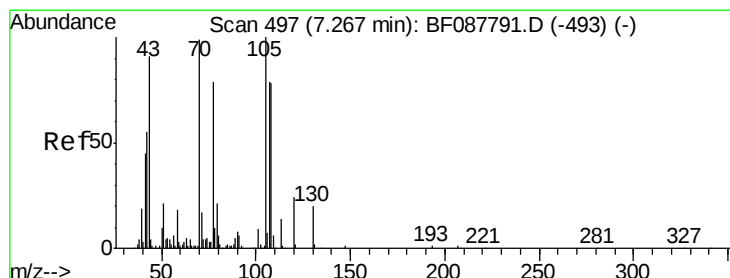
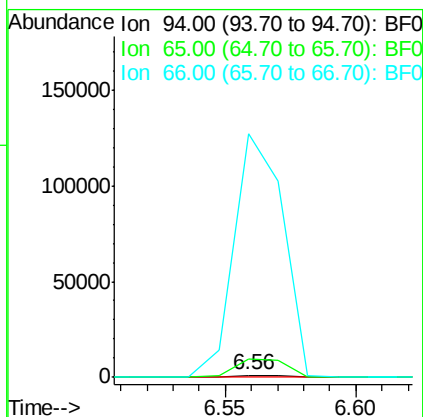
Tgt Ion: 94 Resp: 1232

Ion Ratio Lower Upper

94 100

65 1030.8 5.9 45.9#

66 14128.0 14.0 54.0#



#19

n-Nitroso-di-n-propylamine

Concen: 18.06 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.14 min

Lab File: BF087952.D

Acq: 12 Jun 2016 17:06

Tgt Ion: 70 Resp: 90070

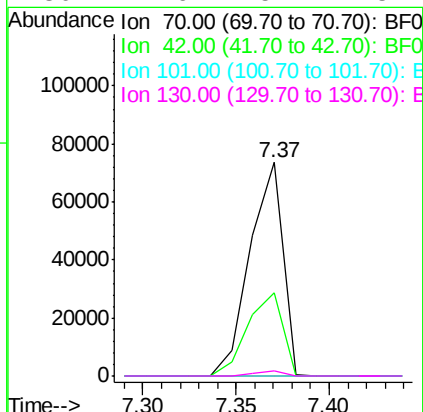
Ion Ratio Lower Upper

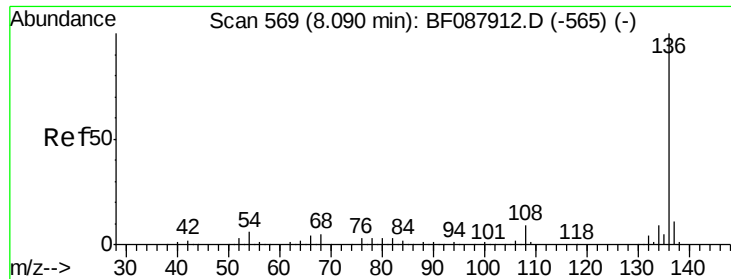
70 100

42 39.3 49.6 74.4#

101 0.0 7.1 10.7#

130 2.6 15.4 23.2#

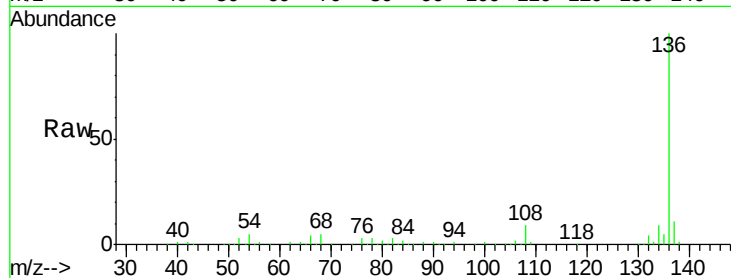




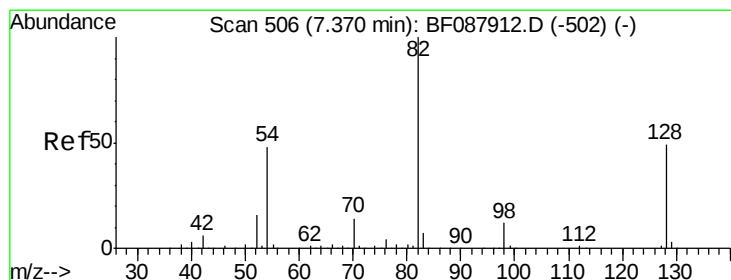
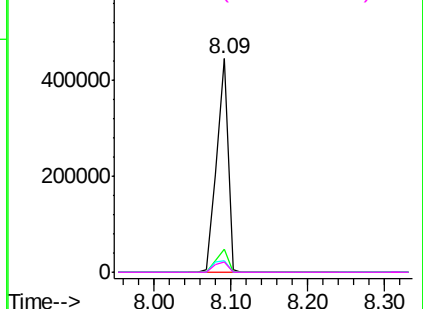
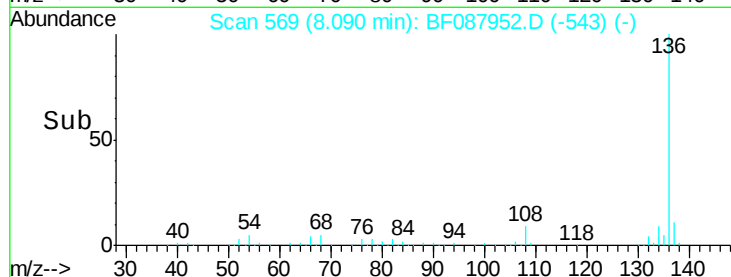
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF087952.D
Acq: 12 Jun 2016 17:06

Instrument :
BNA_F
ClientSampleId :
JAMAICA-FB2-6-06-16

Tgt Ion: 136 Resp: 456781
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 5.2 6.6 10.0#
68 4.7 5.1 7.7#

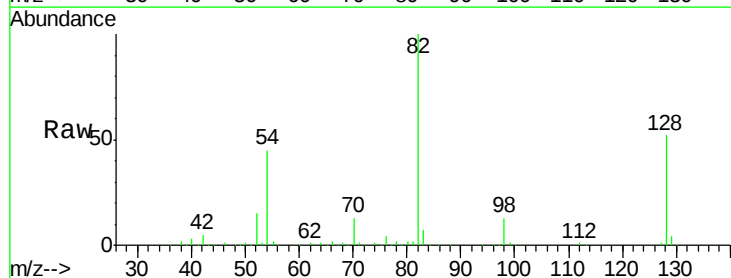


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

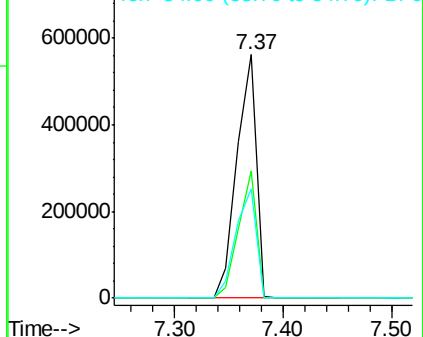
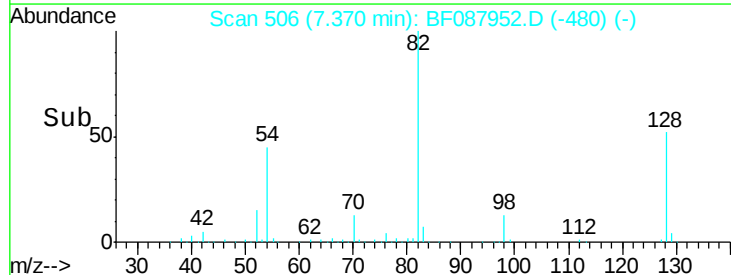


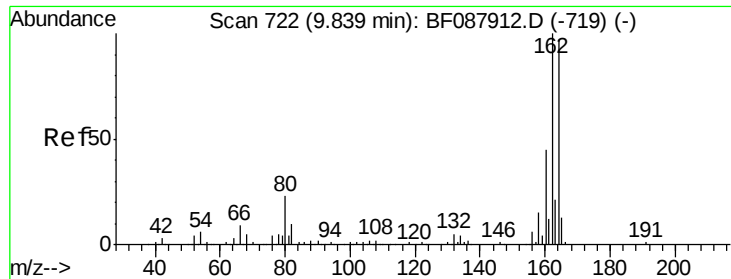
#23
Nitrobenzene-d5
Concen: 87.64 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF087952.D
Acq: 12 Jun 2016 17:06

Tgt Ion: 82 Resp: 685572
Ion Ratio Lower Upper
82 100
128 52.2 35.9 53.9
54 45.0 40.9 61.3



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

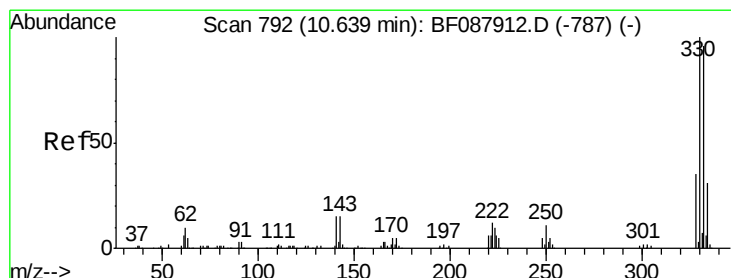
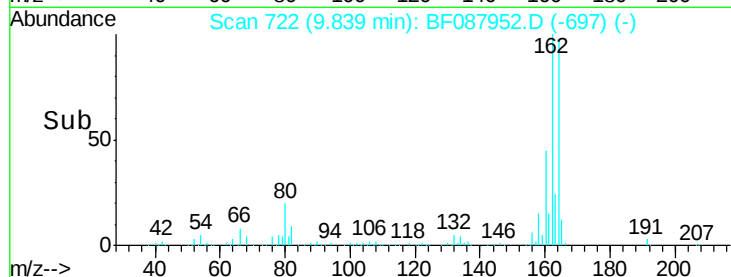
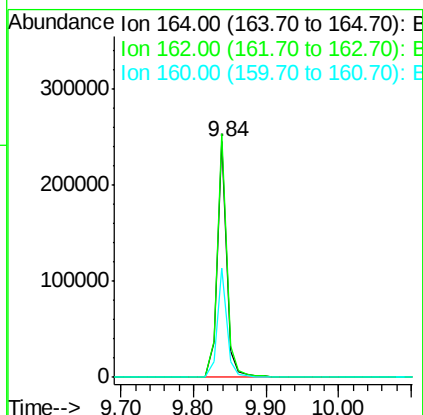
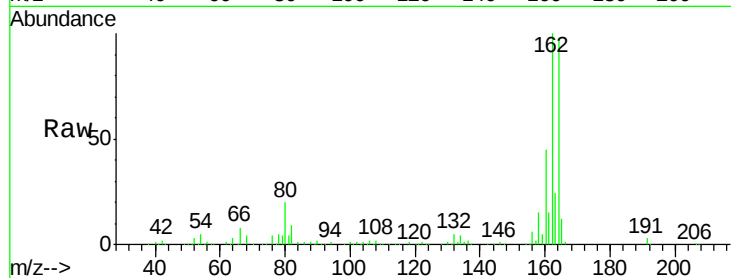




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087952.D
Acq: 12 Jun 2016 17:06

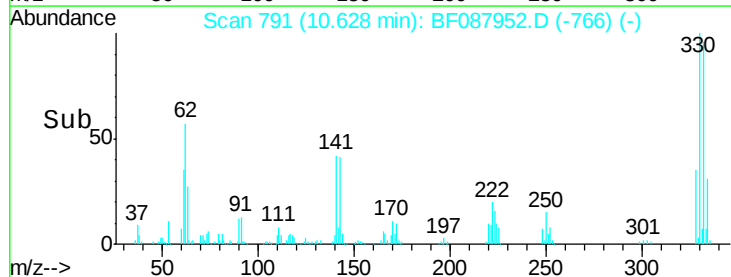
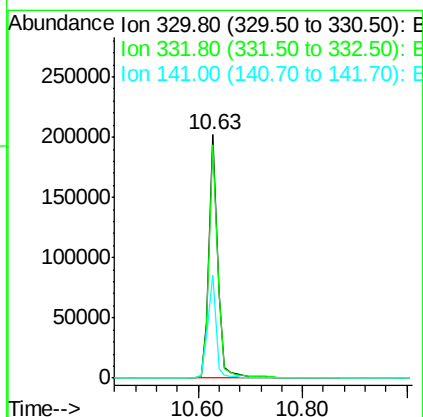
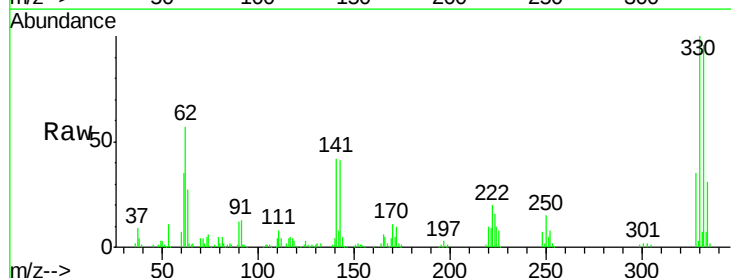
Instrument :
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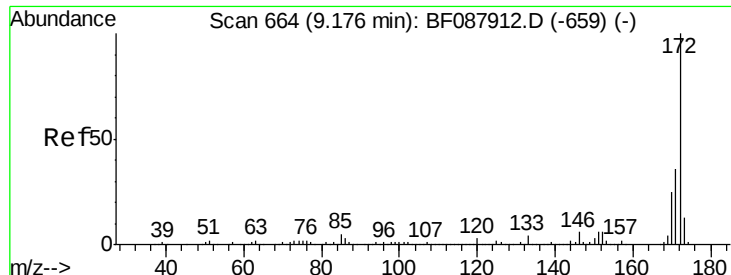
Tgt Ion:164 Resp: 222904
Ion Ratio Lower Upper
164 100
162 103.3 85.4 128.2
160 46.6 39.5 59.3



#41
2,4,6-Tribromophenol
Concen: 101.19 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF087952.D
Acq: 12 Jun 2016 17:06

Tgt Ion:330 Resp: 238156
Ion Ratio Lower Upper
330 100
332 96.2 0.0 0.0#
141 39.9 0.0 0.0#

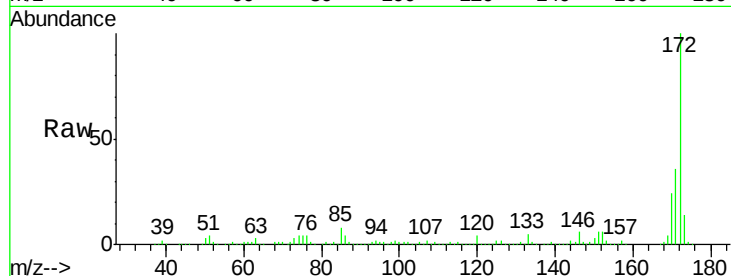




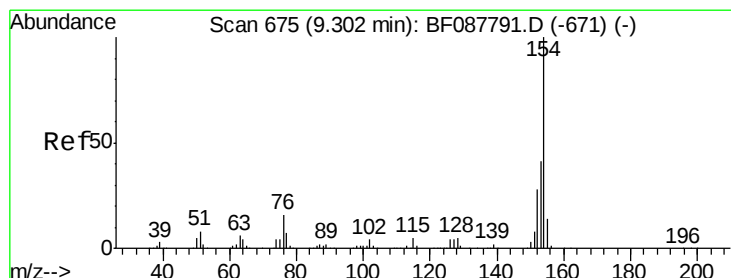
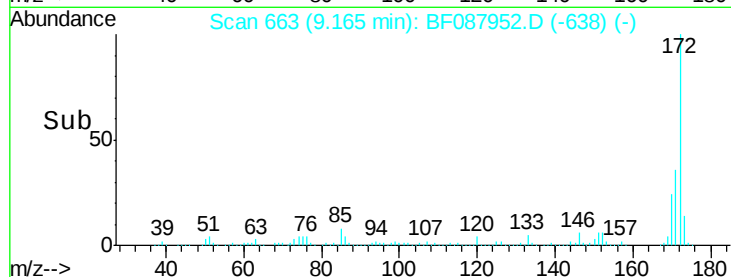
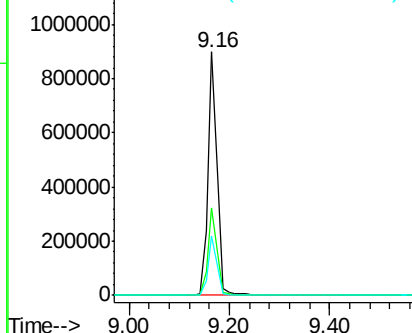
#44
 2-Fluorobiphenyl
 Concen: 78.99 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF087952.D
 Acq: 12 Jun 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 JAMAICA-FB2-6-06-16

Tgt Ion:172 Resp: 1126375
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.3 19.2 28.8

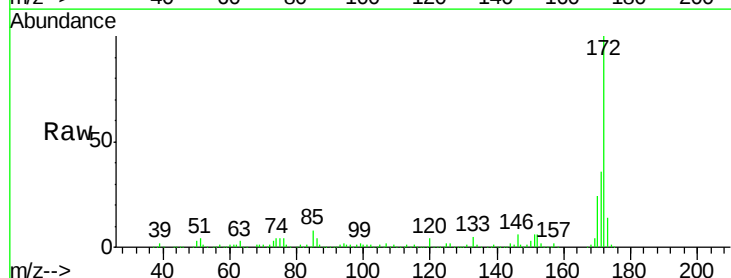


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

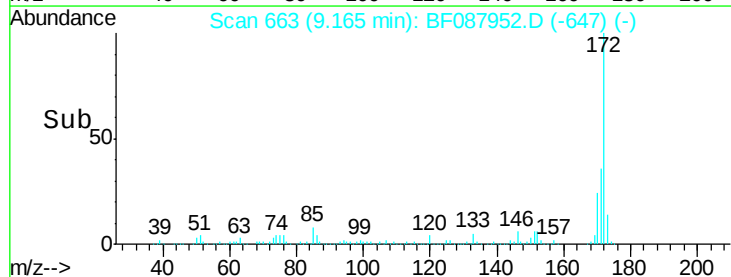
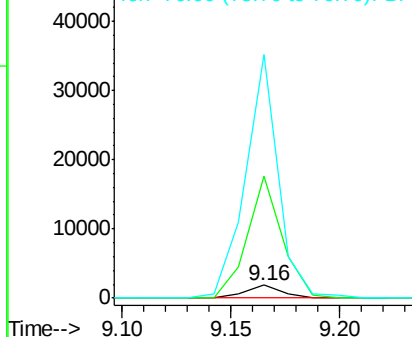


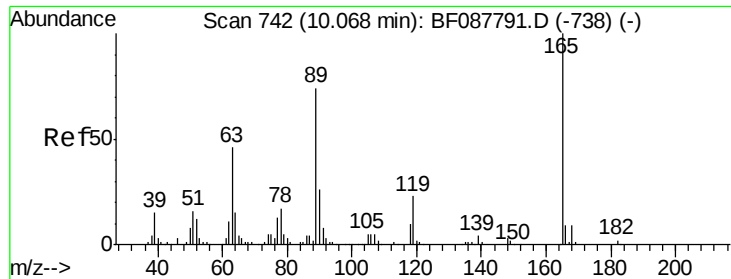
#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.16 min Scan# 663
 Delta R.T. -0.11 min
 Lab File: BF087952.D
 Acq: 12 Jun 2016 17:06

Tgt Ion:154 Resp: 2113
 Ion Ratio Lower Upper
 154 100
 153 932.9 20.6 60.6#
 76 1862.0 0.0 35.1#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

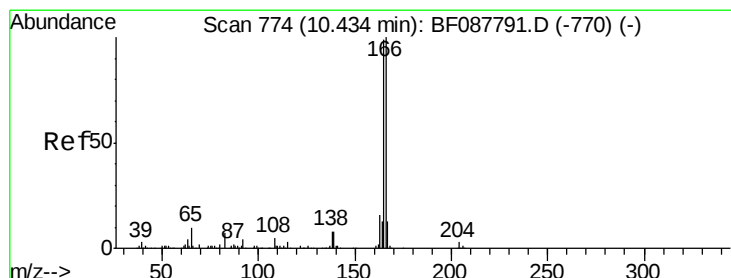
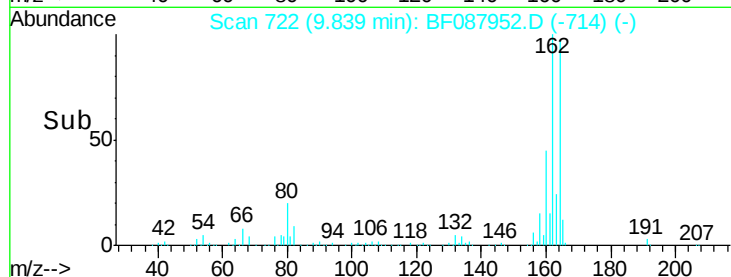
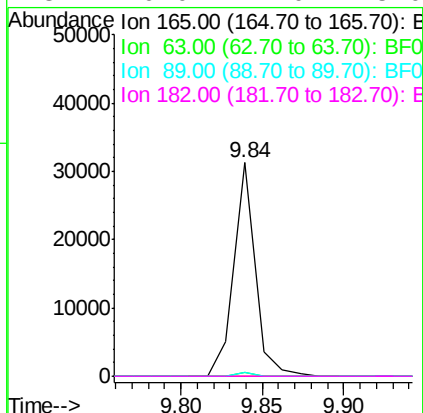
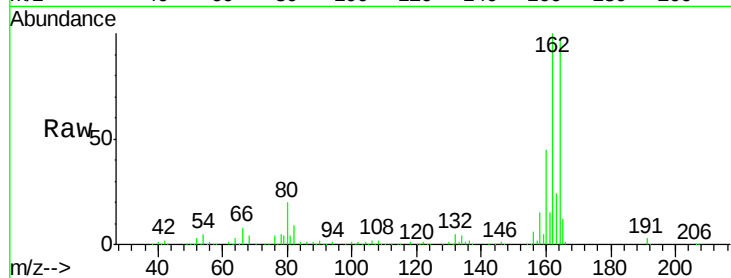




#56
2,4-Dinitrotoluene
Concen: 5.93 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.21 min
Lab File: BF087952.D
Acq: 12 Jun 2016 17:06

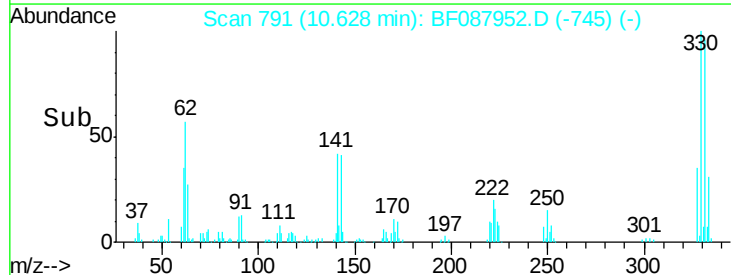
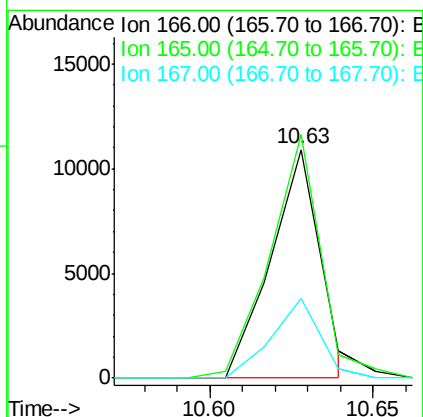
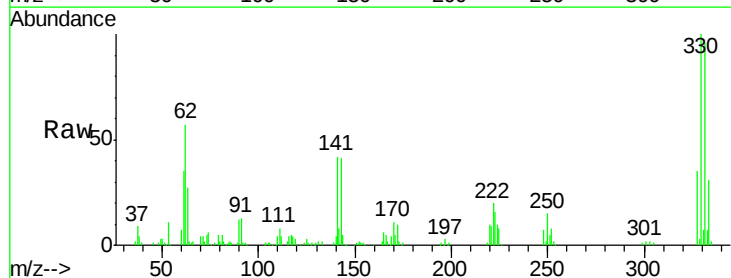
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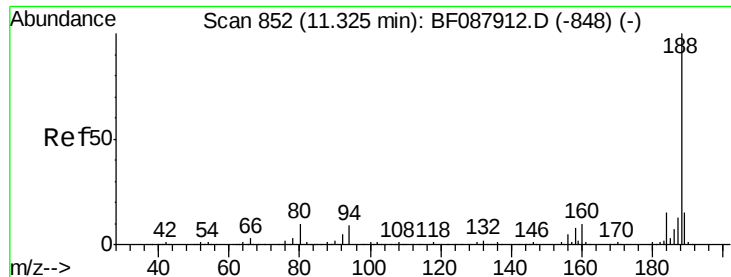
Tgt Ion:165 Resp: 28200
Ion Ratio Lower Upper
165 100
63 1.6 22.0 33.0#
89 1.5 41.1 61.7#
182 0.0 2.0 3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.63 min Scan# 791
Delta R.T. 0.23 min
Lab File: BF087952.D
Acq: 12 Jun 2016 17:06

Tgt Ion:166 Resp: 11496
Ion Ratio Lower Upper
166 100
165 106.5 77.8 116.8
167 34.9 11.2 16.8#

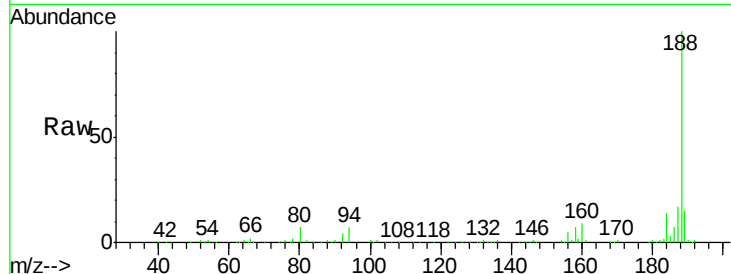




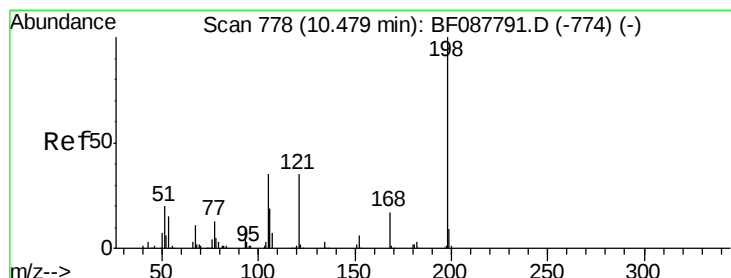
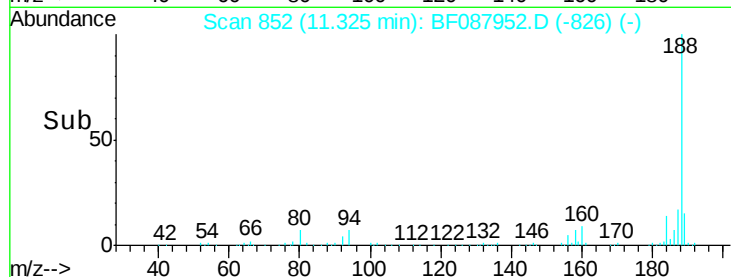
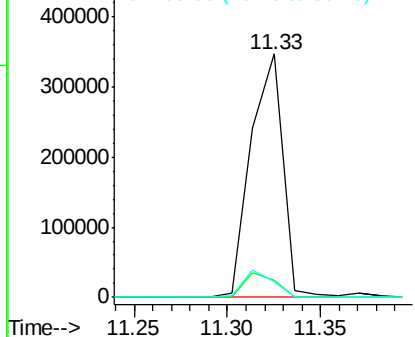
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF087952.D
Acq: 12 Jun 2016 17:06

Instrument :
BNA_F
ClientSampleId :
JAMAICA-FB2-6-06-16

Tgt Ion:188 Resp: 420494
Ion Ratio Lower Upper
188 100
94 6.8 9.0 13.6#
80 6.6 10.0 15.0#

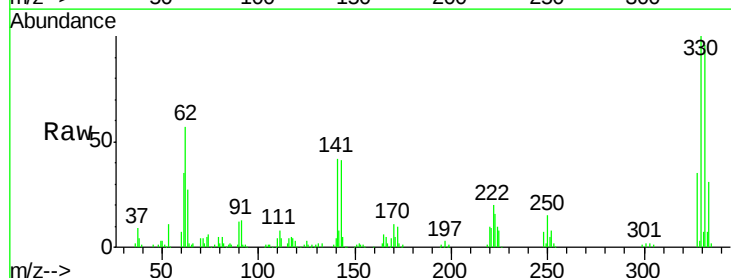


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

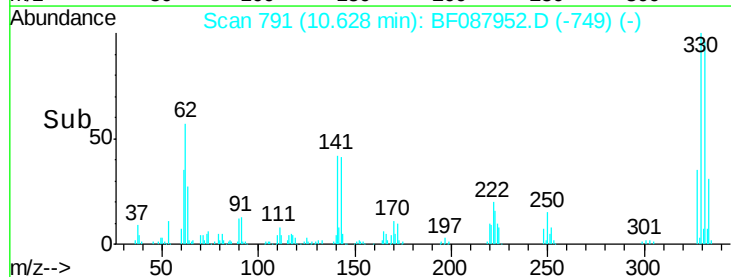
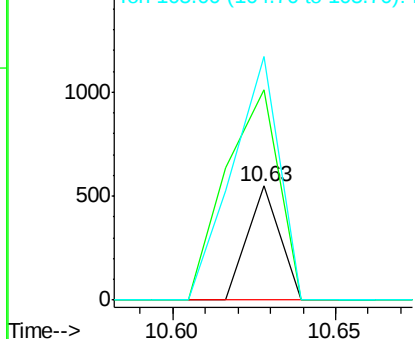


#64
4,6-Dinitro-2-methylphenol
Concen: 2.30 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.18 min
Lab File: BF087952.D
Acq: 12 Jun 2016 17:06

Tgt Ion:198 Resp: 375
Ion Ratio Lower Upper
198 100
51 185.4 39.6 79.6#
105 214.1 36.6 76.6#



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

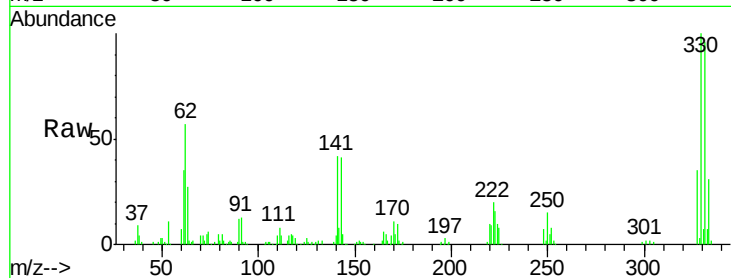




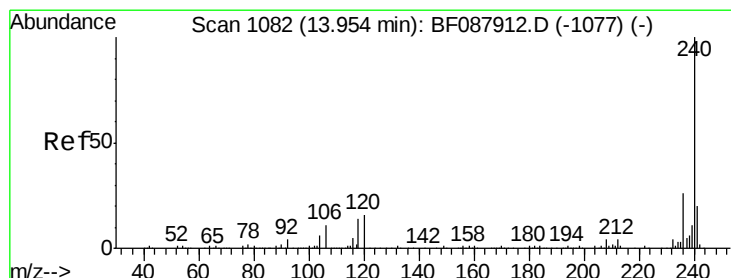
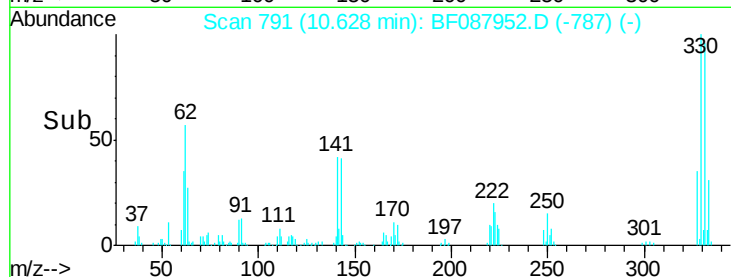
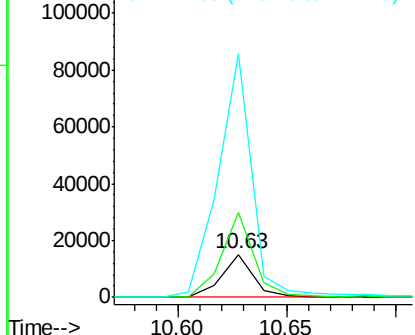
#66
4-Bromophenyl-phenylether
Concen: 3.36 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.25 min
Lab File: BF087952.D
Acq: 12 Jun 2016 17:06

Instrument :
BNA_F
ClientSampleId :
JAMAICA-FB2-6-06-16

Tgt Ion:248 Resp: 15154
Ion Ratio Lower Upper
248 100
250 198.8 77.1 115.7#
141 568.4 50.6 76.0#

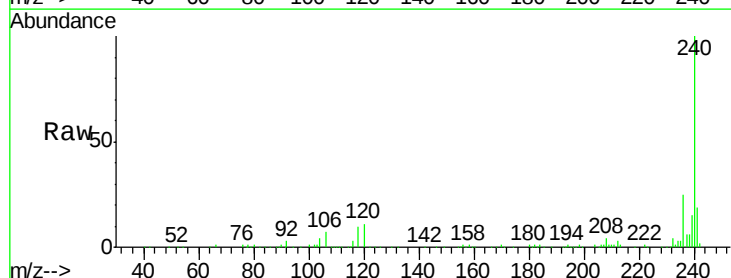


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

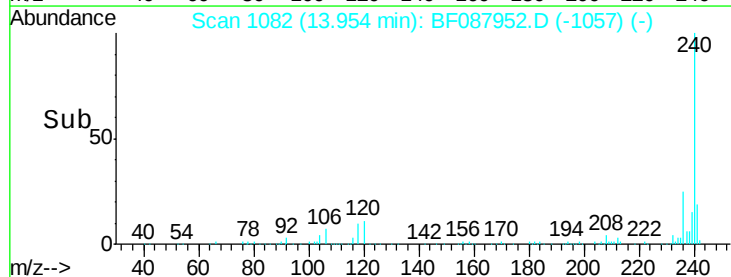
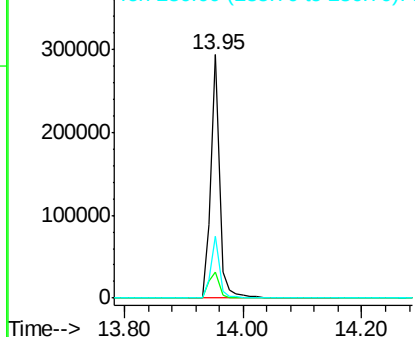


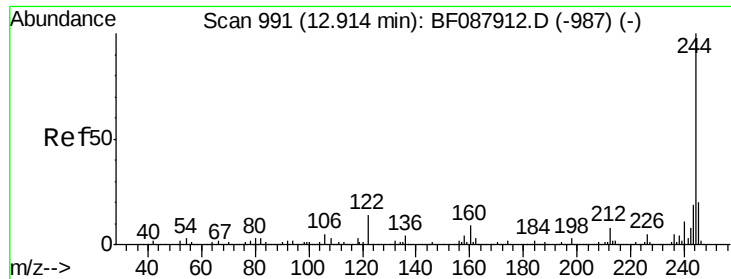
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF087952.D
Acq: 12 Jun 2016 17:06

Tgt Ion:240 Resp: 305441
Ion Ratio Lower Upper
240 100
120 10.9 6.8 10.2#
236 25.4 20.2 30.2



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

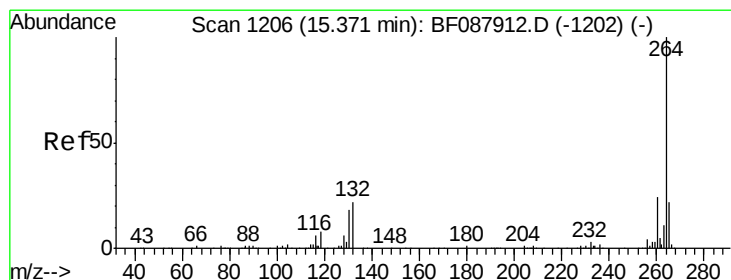
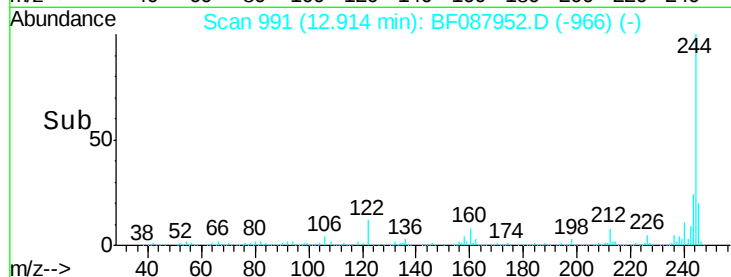
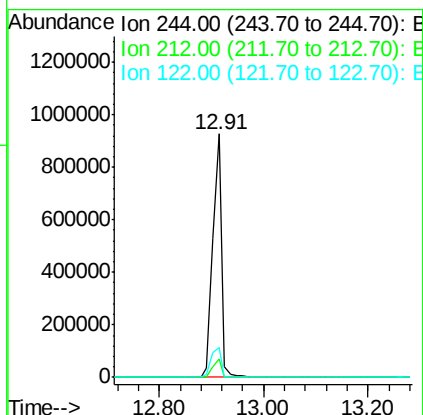
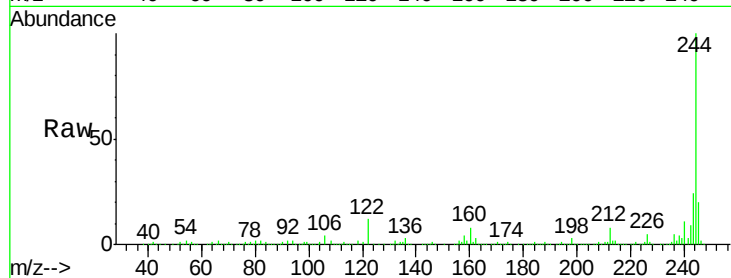




#78
 Terphenyl-d14
 Concen: 80.07 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF087952.D
 Acq: 12 Jun 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 JAMAICA-FB2-6-06-16

Tgt Ion:244 Resp: 1074823
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 12.3 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF087952.D
 Acq: 12 Jun 2016 17:06

Tgt Ion:264 Resp: 239062
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 20.5 16.9 25.3

