

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061216\
 Data File : BF087950.D
 Acq On : 12 Jun 2016 16:07
 Operator : UM/SJ
 Sample : H3490-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-38

Quant Time: Jun 13 04:59:00 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	127991	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	528983	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	224313	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	435160	20.00	ng	0.00
75) Chrysene-d12	13.95	240	334634	20.00	ng	-0.01
86) Perylene-d12	15.37	264	264046	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	531315	70.97	ng	0.00
7) Phenol-d6	6.43	99	460452	50.75	ng	-0.01
23) Nitrobenzene-d5	7.37	82	706350	77.97	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	246123	103.92	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1347341	95.01	ng	0.00
78) Terphenyl-d14	12.91	244	1012273	68.84	ng	-0.01

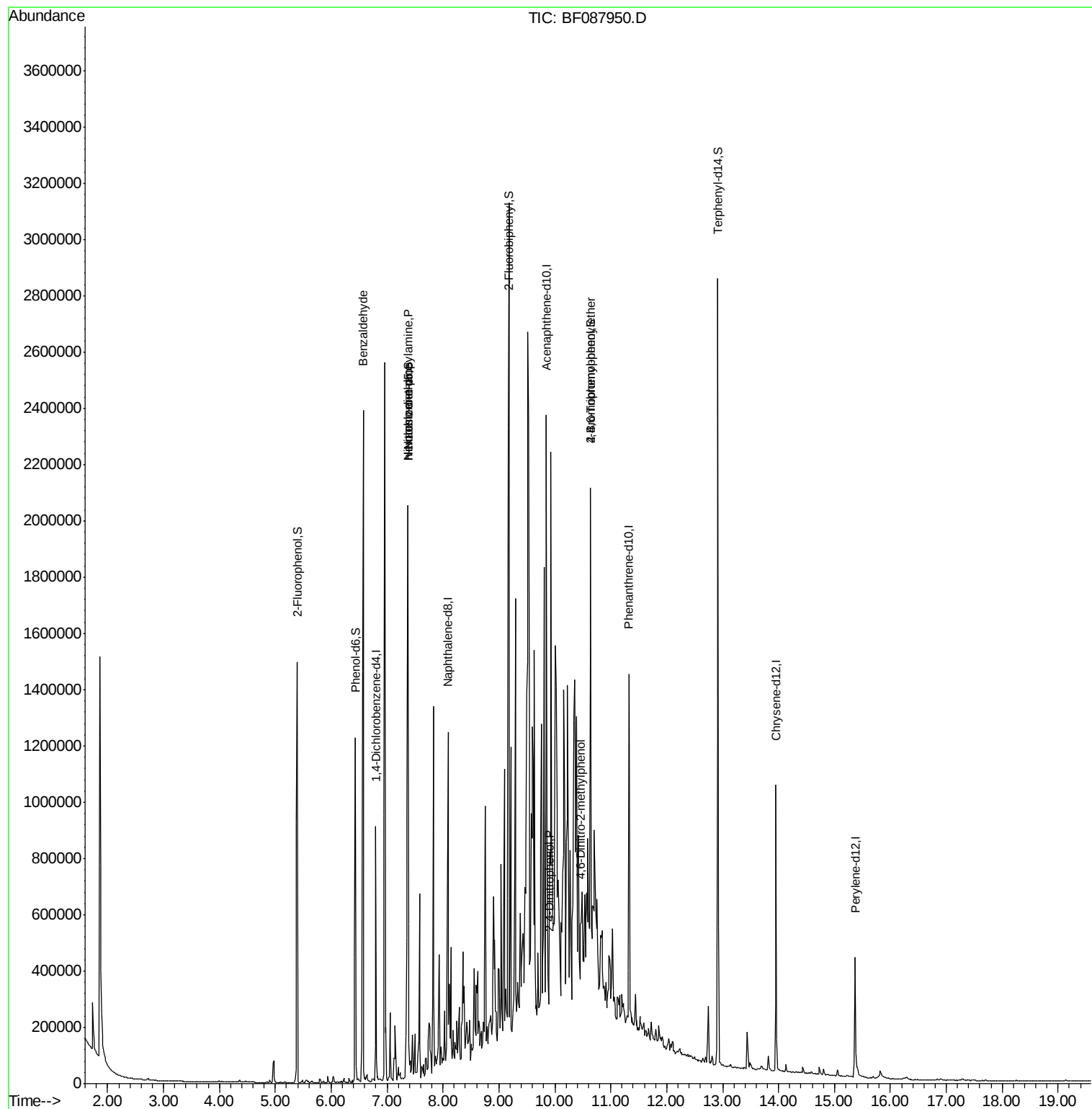
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.57	77	17936	2.79	ng	# 76
10) Phenol	6.44	94	6046	Below	Cal	98
18) Hexachloroethane	7.37	117	129592	38.13	ng	# 3
19) n-Nitroso-di-n-propylamine	7.37	70	101569	17.50	ng	# 72
45) 1,1'-Biphenyl	9.27	154	846	Below	Cal	# 1
53) 2,4-Dinitrophenol	9.90	184	471	3.39	ng	# 1
57) Fluorene	10.39	166	13718	Below	Cal	# 91
64) 4,6-Dinitro-2-methylphenol	10.47	198	2438	3.02	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	16540	3.54	ng	# 1

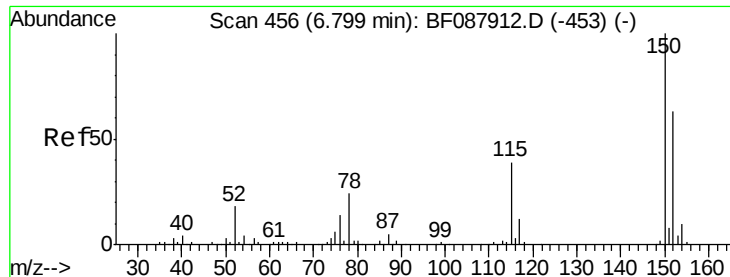
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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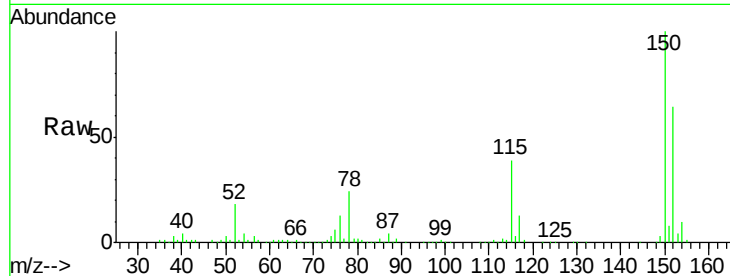


#1

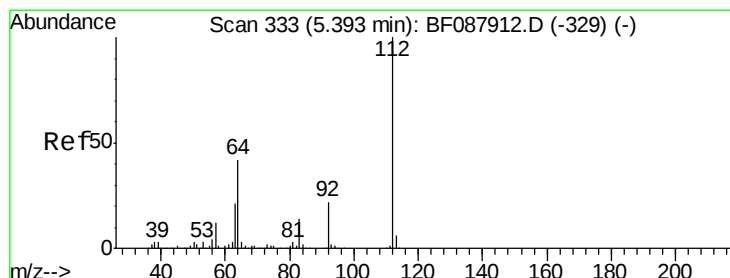
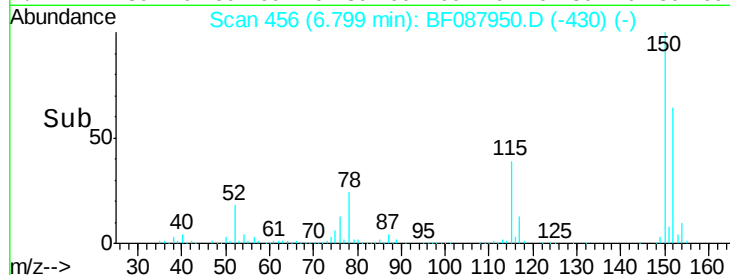
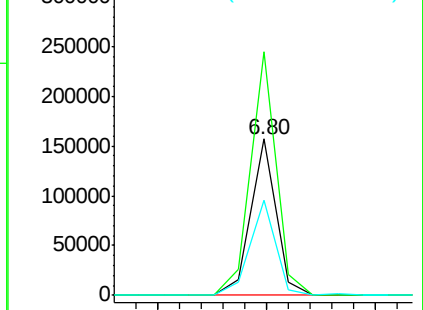
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087950.D
Acq: 12 Jun 2016 16:07

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 127991
Ion Ratio Lower Upper
152 100
150 155.6 123.8 185.6
115 60.7 39.6 59.4#



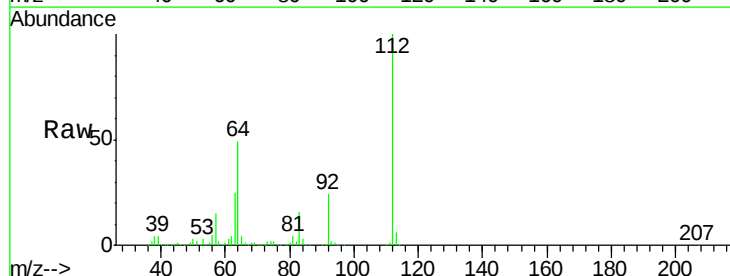
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



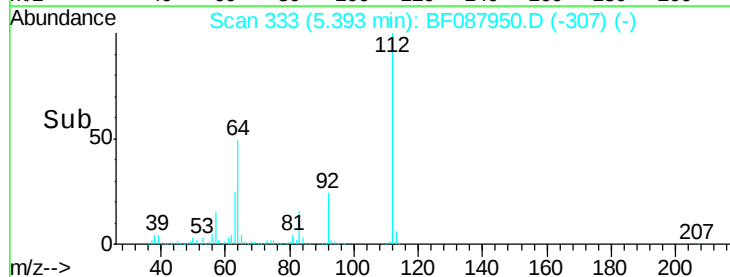
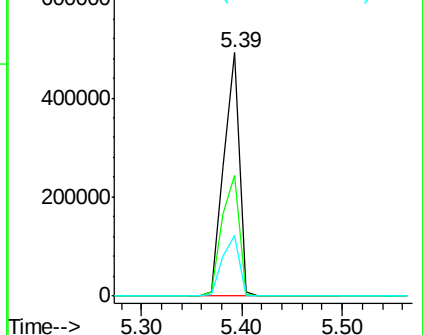
#5

2-Fluorophenol
Concen: 70.97 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.00 min
Lab File: BF087950.D
Acq: 12 Jun 2016 16:07

Tgt Ion:112 Resp: 531315
Ion Ratio Lower Upper
112 100
64 49.4 42.2 63.2
63 25.0 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: 50.75 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087950.D

Acq: 12 Jun 2016 16:07

Instrument :

BNA_F

ClientSampleId :

W-38

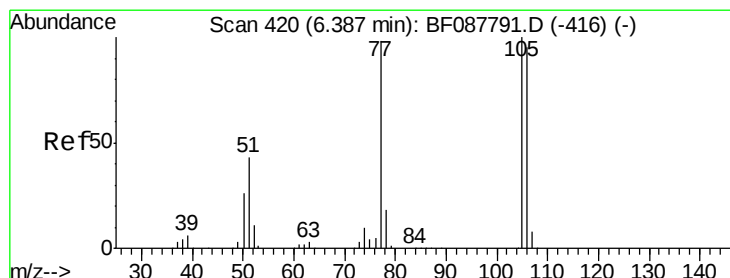
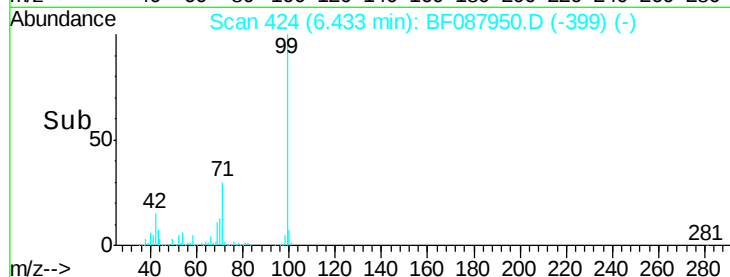
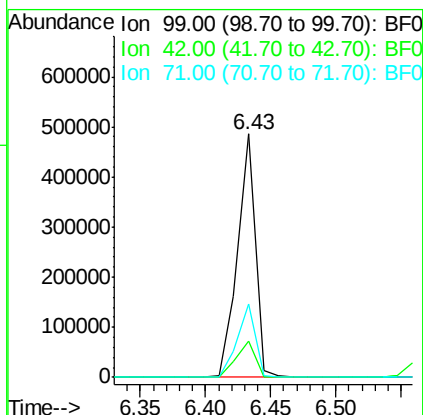
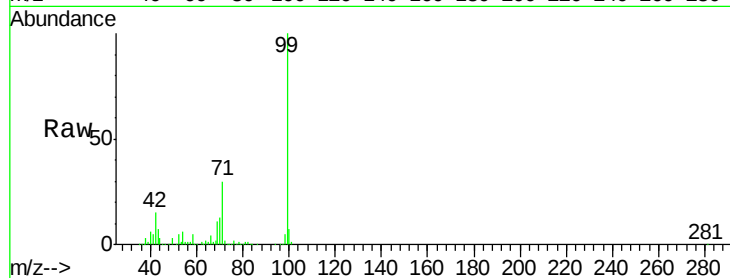
Tgt Ion: 99 Resp: 460452

Ion Ratio Lower Upper

99 100

42 14.7 12.2 18.2

71 30.3 23.4 35.0



#9

Benzaldehyde

Concen: 2.79 ng

RT: 6.57 min Scan# 436

Delta R.T. 0.23 min

Lab File: BF087950.D

Acq: 12 Jun 2016 16:07

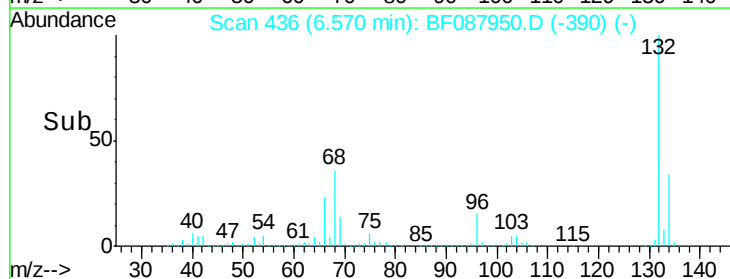
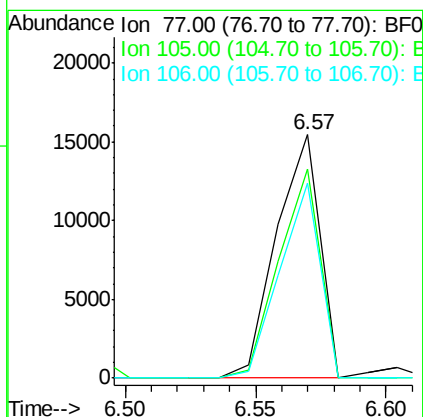
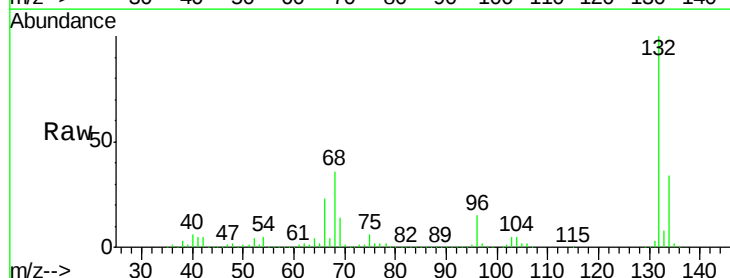
Tgt Ion: 77 Resp: 17936

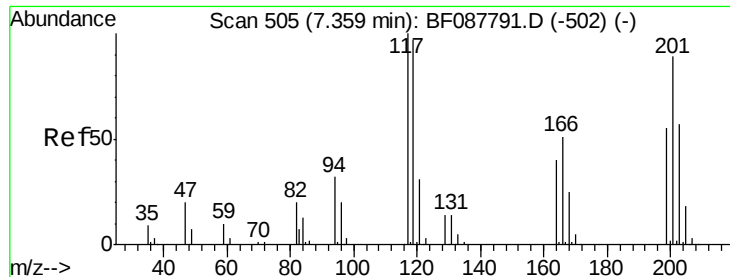
Ion Ratio Lower Upper

77 100

105 85.8 90.6 130.6#

106 80.1 85.3 125.3#





#18

Hexachloroethane

Concen: 38.13 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.05 min

Lab File: BF087950.D

Acq: 12 Jun 2016 16:07

Instrument :

BNA_F

ClientSampleId :

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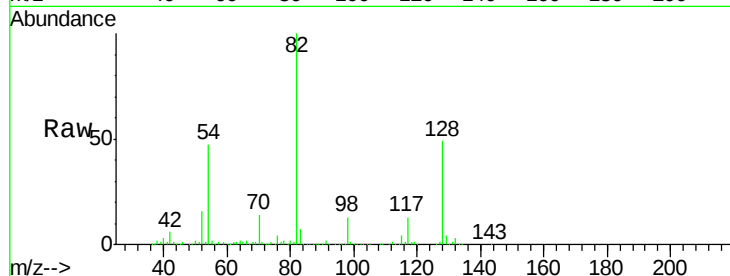
Tgt Ion: 117 Resp: 129592

Ion Ratio Lower Upper

117 100

119 4.8 77.4 116.2#

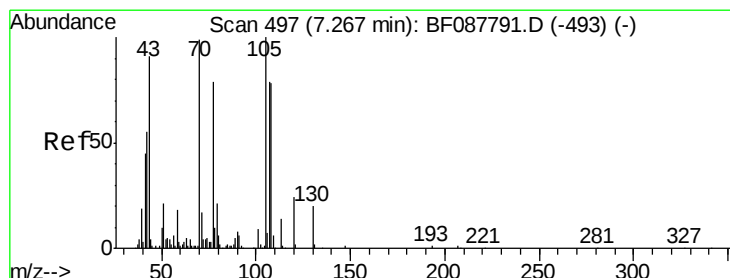
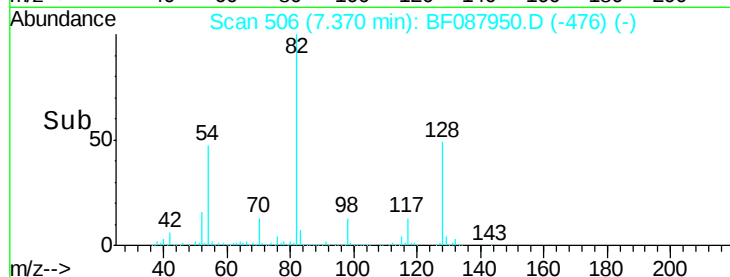
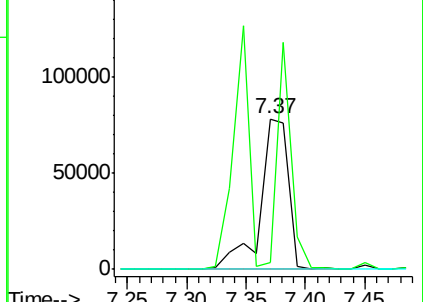
201 0.0 80.4 120.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 17.50 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.14 min

Lab File: BF087950.D

Acq: 12 Jun 2016 16:07

Tgt Ion: 70 Resp: 101569

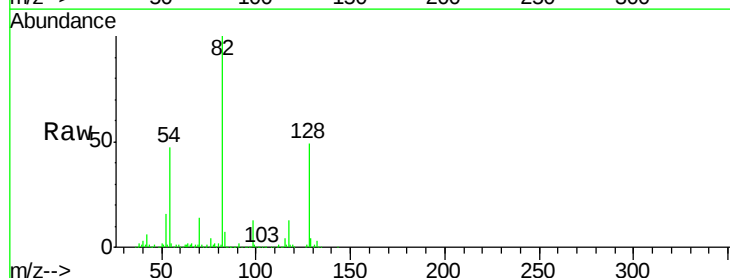
Ion Ratio Lower Upper

70 100

42 41.9 49.6 74.4#

101 0.5 7.1 10.7#

130 3.2 15.4 23.2#

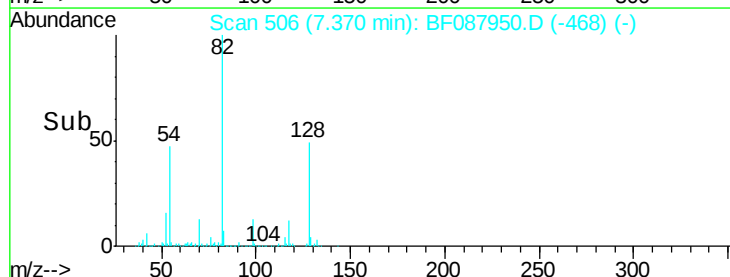
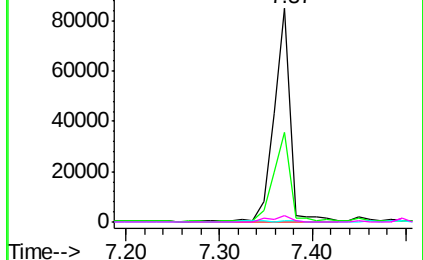


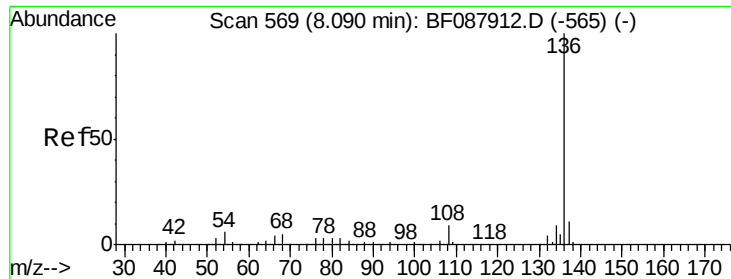
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

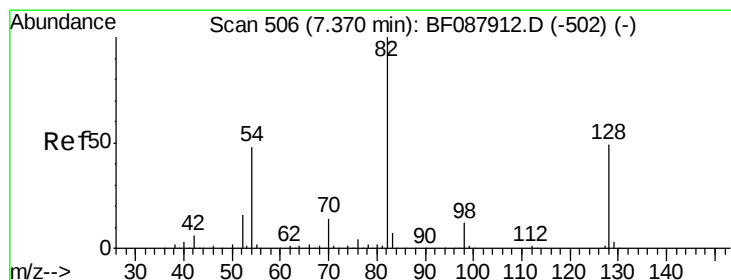
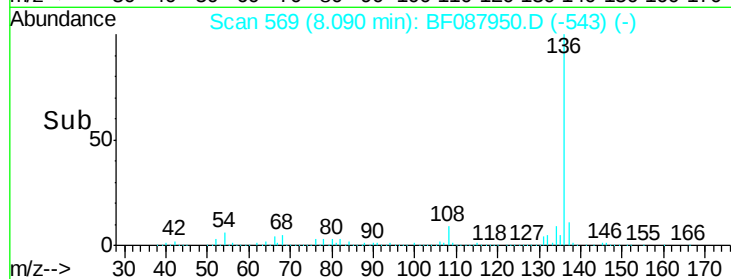
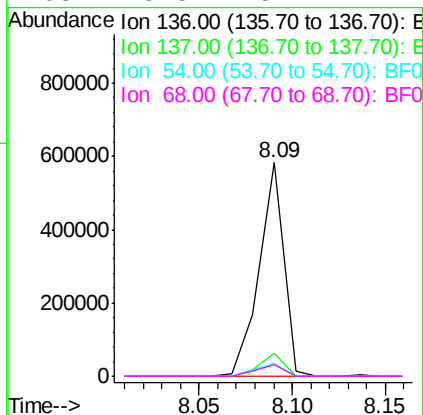
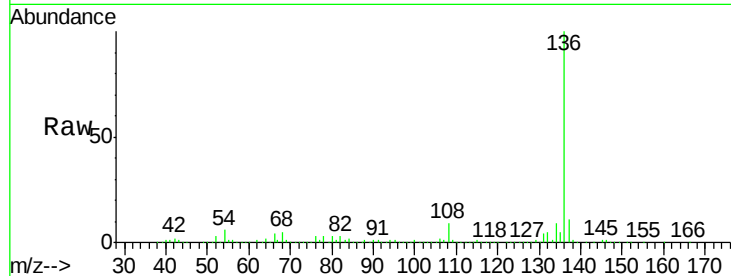




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF087950.D
Acq: 12 Jun 2016 16:07

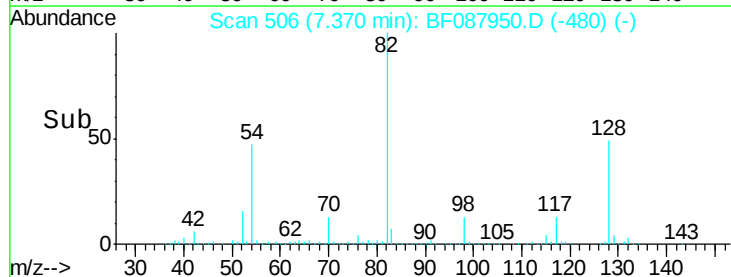
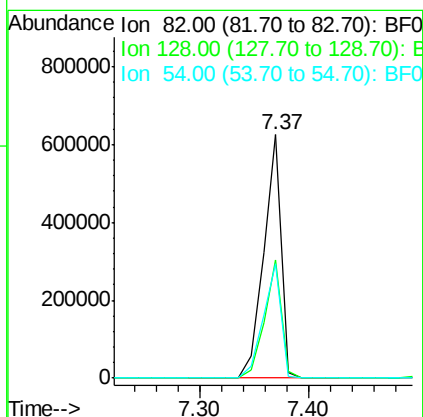
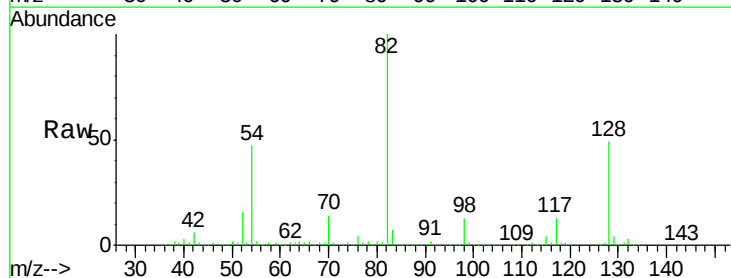
Instrument :
BNA_F
ClientSampleId :
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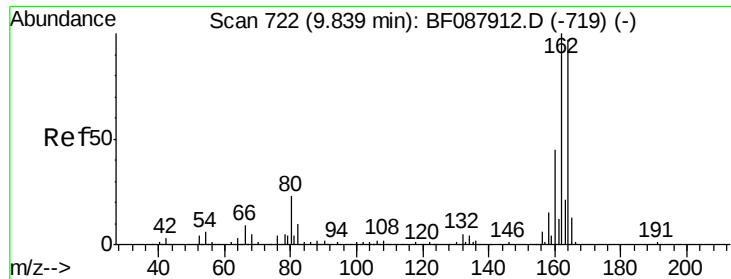
Tgt Ion:	136	Resp:	528983
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.3	6.6	10.0#
68	5.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 77.97 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF087950.D
Acq: 12 Jun 2016 16:07

Tgt Ion:	82	Resp:	706350
Ion	Ratio	Lower	Upper
82	100		
128	48.7	35.9	53.9
54	47.1	40.9	61.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF087950.D

Acq: 12 Jun 2016 16:07

Instrument :

BNA_F

ClientSampleId :

W-38

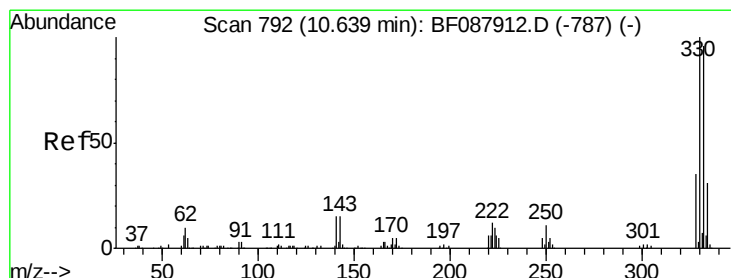
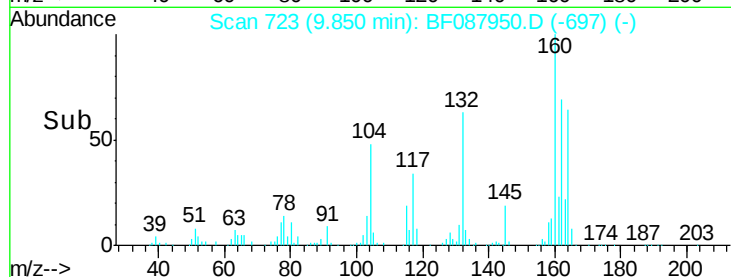
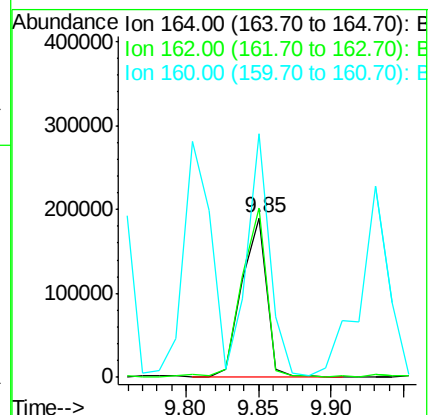
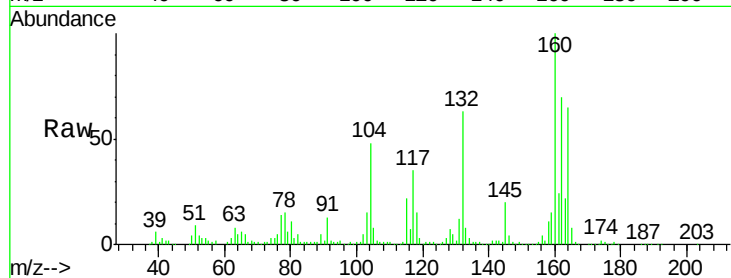
Tgt Ion:164 Resp: 224313

Ion Ratio Lower Upper

164 100

162 106.5 85.4 128.2

160 153.0 39.5 59.3#



#41

2,4,6-Tribromophenol

Concen: 103.92 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF087950.D

Acq: 12 Jun 2016 16:07

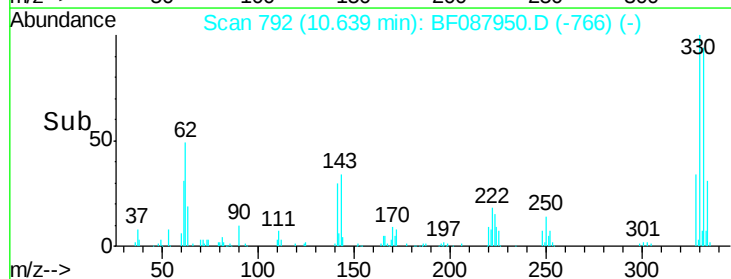
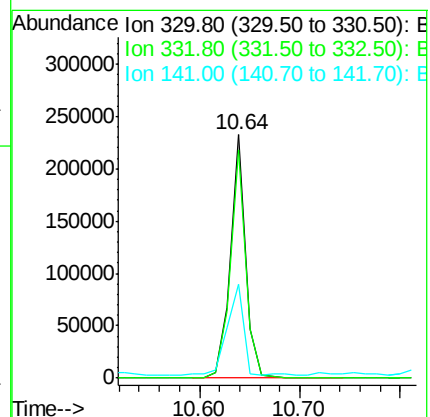
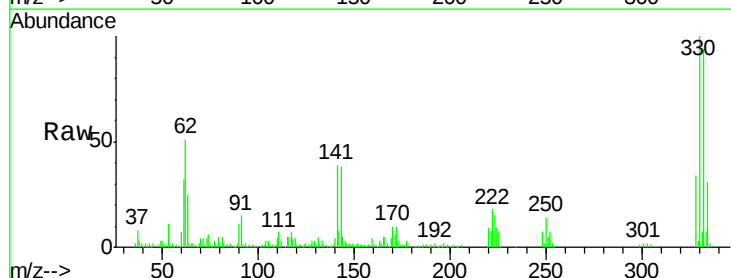
Tgt Ion:330 Resp: 246123

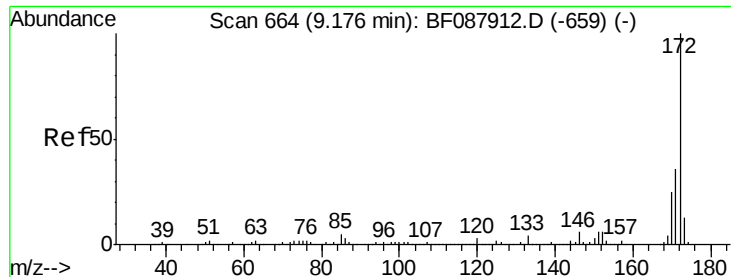
Ion Ratio Lower Upper

330 100

332 94.7 0.0 0.0#

141 39.8 0.0 0.0#

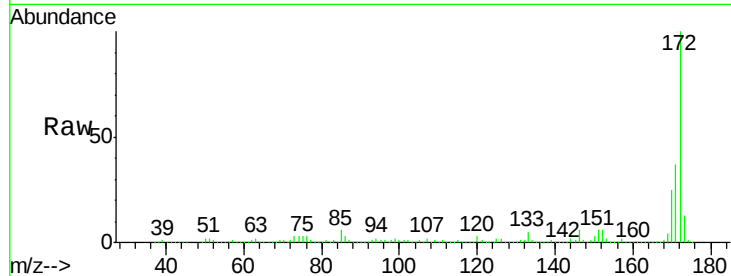




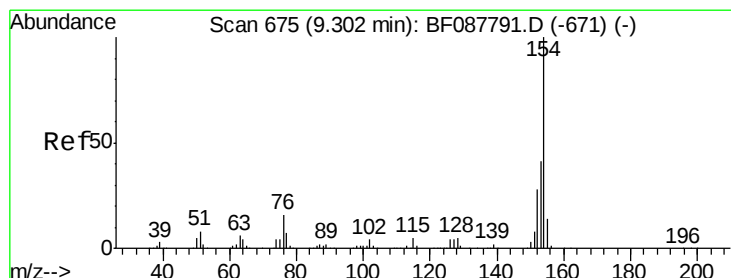
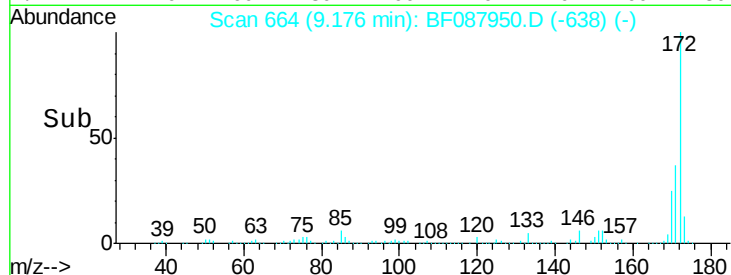
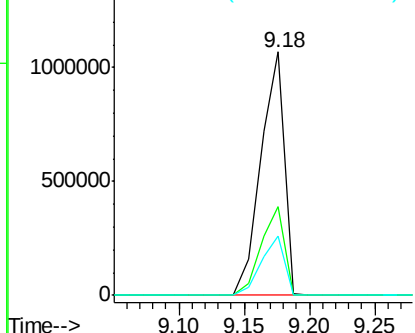
#44
 2-Fluorobiphenyl
 Concen: 95.01 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087950.D
 Acq: 12 Jun 2016 16:07

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:172 Resp: 1347341
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.5 19.2 28.8

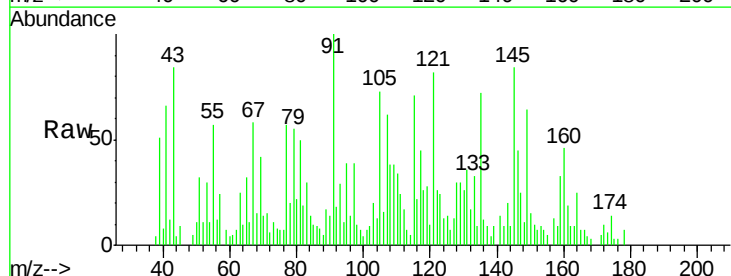


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

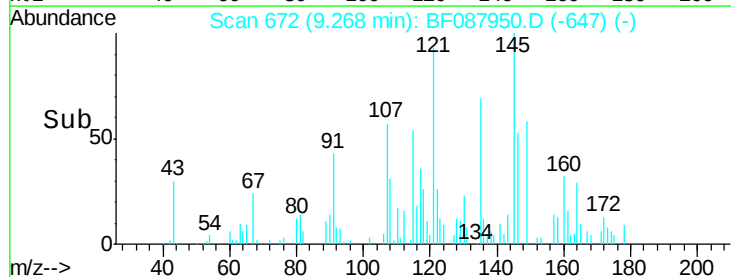
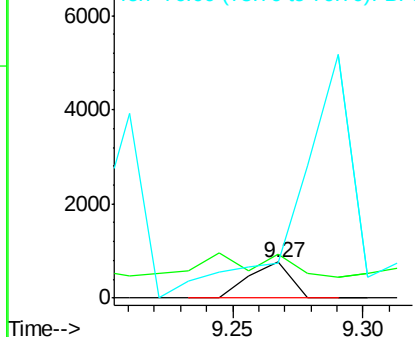


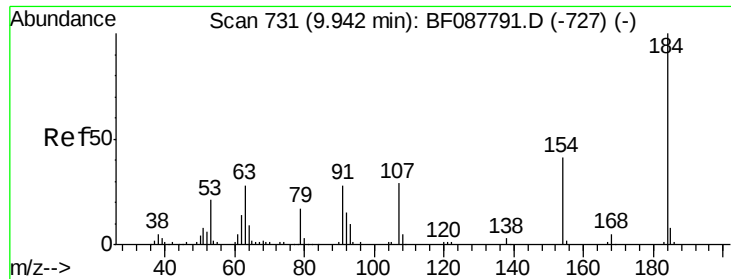
#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.27 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF087950.D
 Acq: 12 Jun 2016 16:07

Tgt Ion:154 Resp: 846
 Ion Ratio Lower Upper
 154 100
 153 123.0 20.6 60.6#
 76 97.6 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

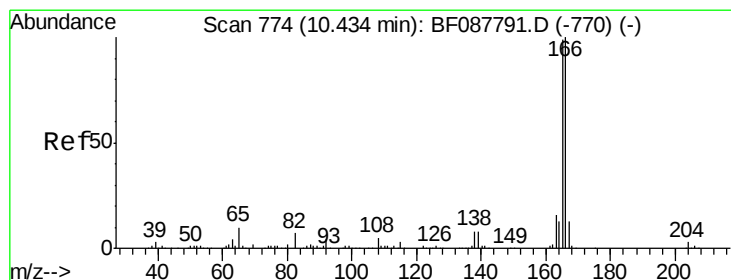
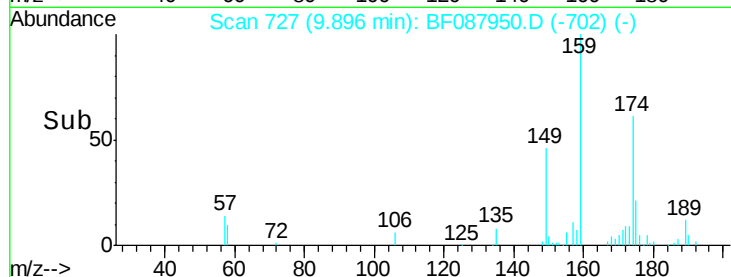
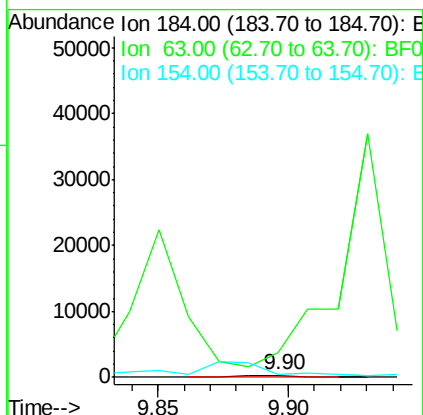
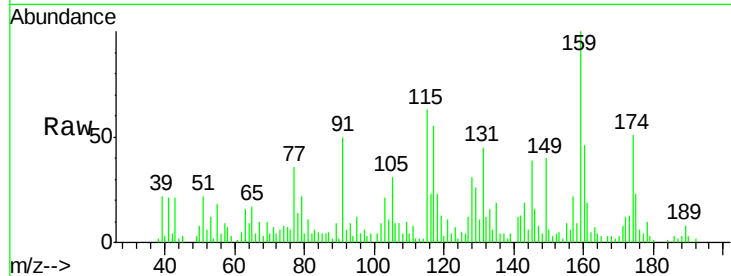




#53
 2,4-Dinitrophenol
 Concen: 3.39 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087950.D
 Acq: 12 Jun 2016 16:07

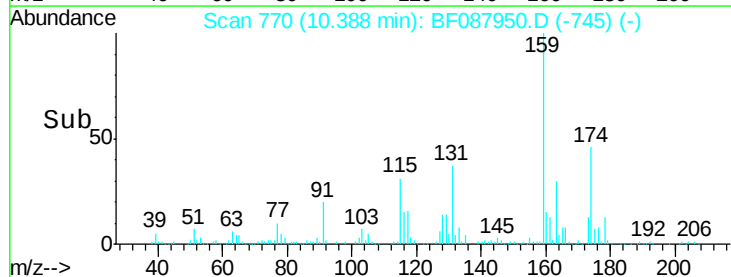
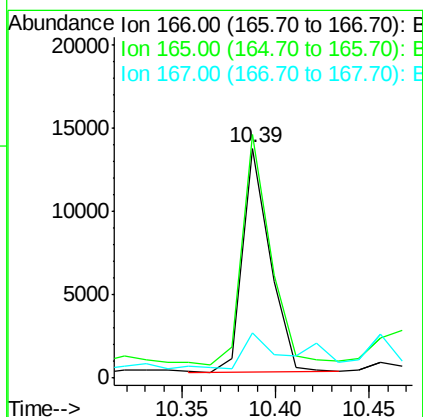
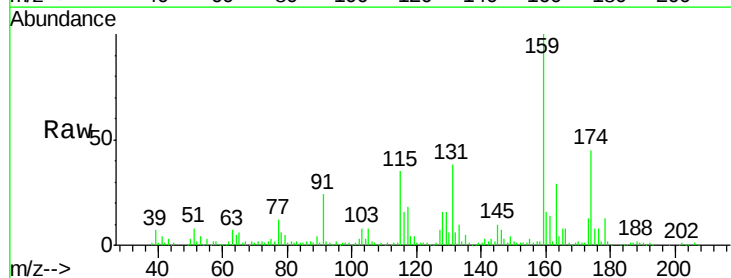
Instrument :
 BNA_F
 ClientSampled :
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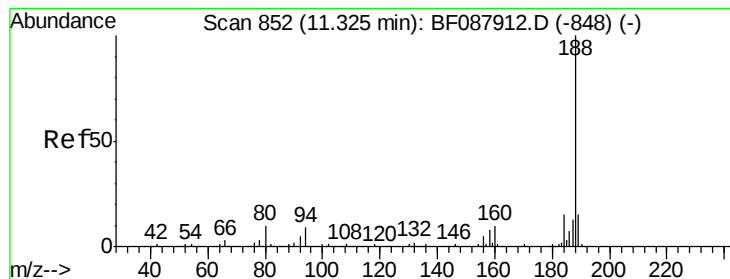
Tgt Ion:184 Resp: 471
 Ion Ratio Lower Upper
 184 100
 63 1100.0 57.6 86.4#
 154 142.1 53.5 80.3#



#57
 Fluorene
 Concen: Below Cal
 RT: 10.39 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF087950.D
 Acq: 12 Jun 2016 16:07

Tgt Ion:166 Resp: 13718
 Ion Ratio Lower Upper
 166 100
 165 105.8 77.8 116.8
 167 19.4 11.2 16.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF087950.D

Acq: 12 Jun 2016 16:07

Instrument :

BNA_F

ClientSampleId :

W-38

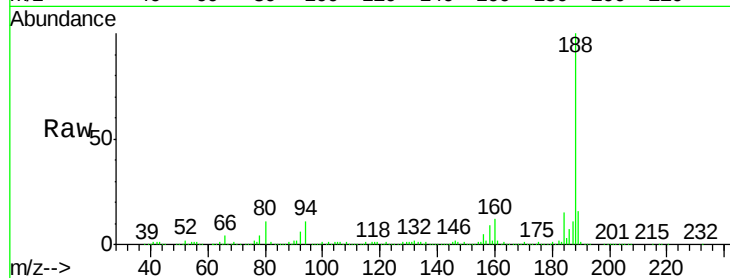
Tgt Ion:188 Resp: 435160

Ion Ratio Lower Upper

188 100

94 10.7 9.0 13.6

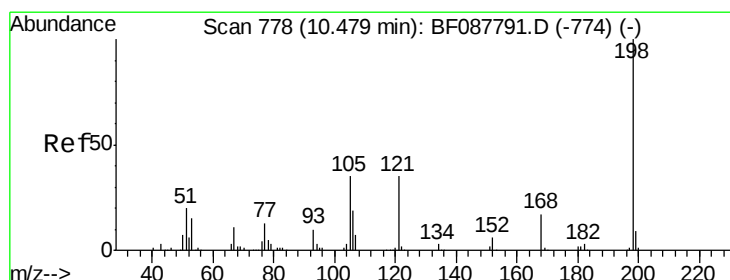
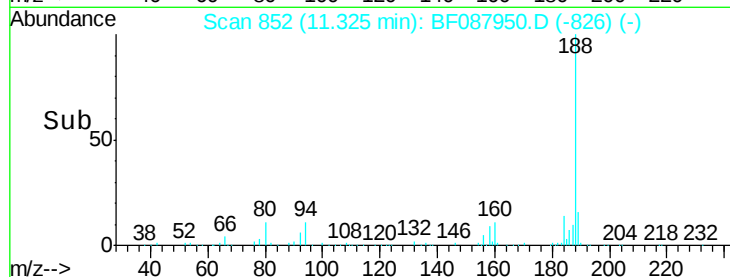
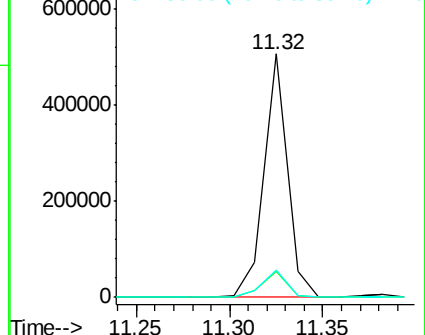
80 11.3 10.0 15.0



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: 3.02 ng

RT: 10.47 min Scan# 777

Delta R.T. 0.02 min

Lab File: BF087950.D

Acq: 12 Jun 2016 16:07

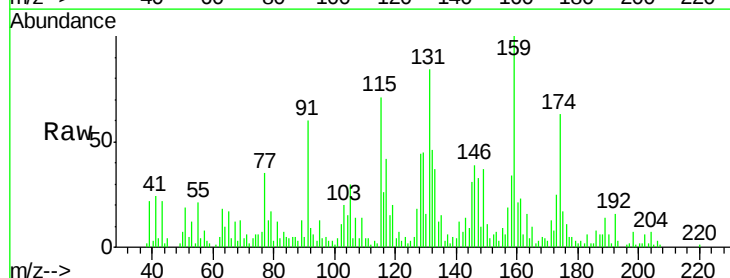
Tgt Ion:198 Resp: 2438

Ion Ratio Lower Upper

198 100

51 262.2 39.6 79.6#

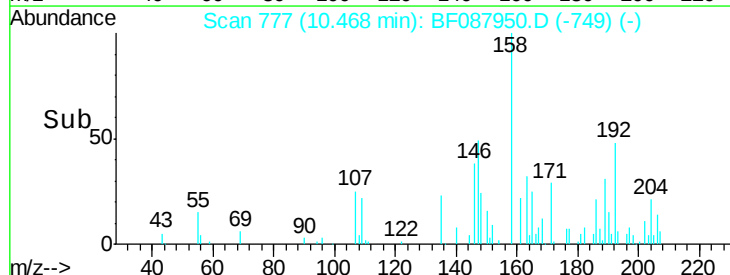
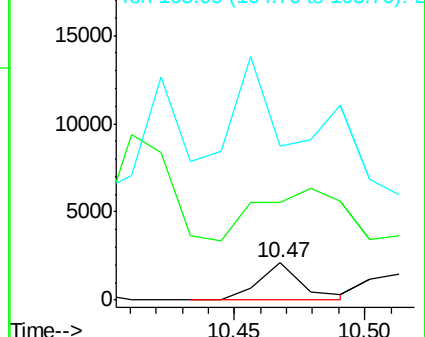
105 416.2 36.6 76.6#



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

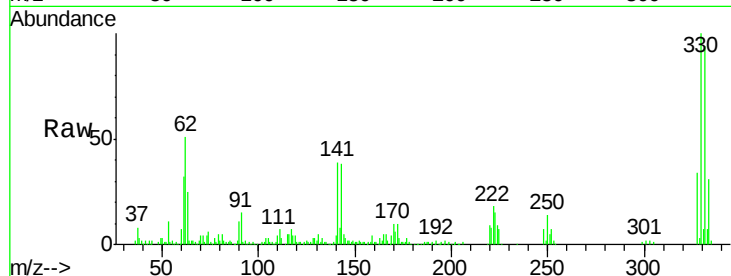




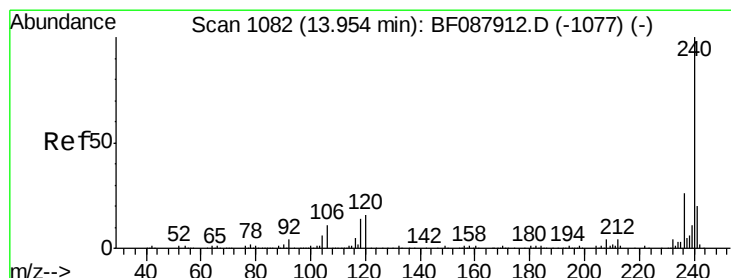
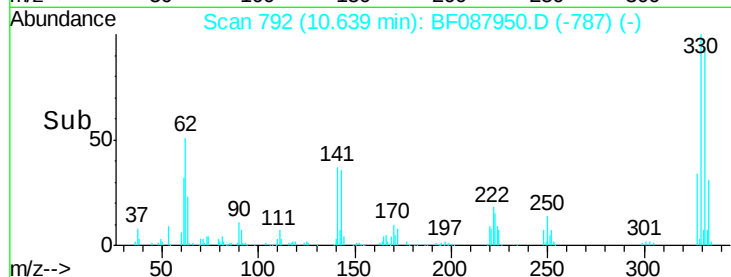
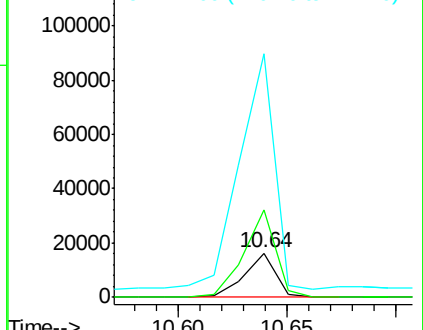
#66
4-Bromophenyl-phenylether
Concen: 3.54 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.24 min
Lab File: BF087950.D
Acq: 12 Jun 2016 16:07

Instrument :
BNA_F
ClientSampleId :
W-38

Tgt Ion:248 Resp: 16540
Ion Ratio Lower Upper
248 100
250 198.9 77.1 115.7#
141 550.2 50.6 76.0#

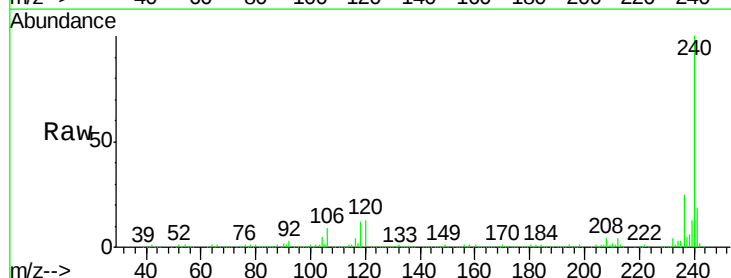


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

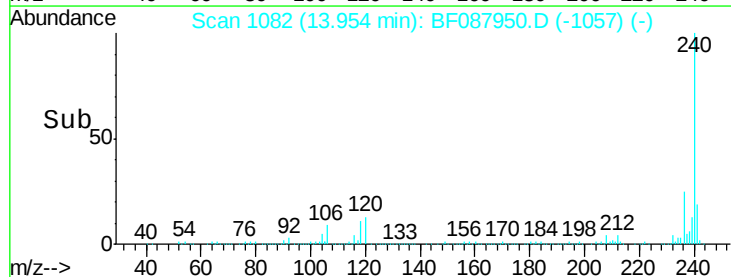
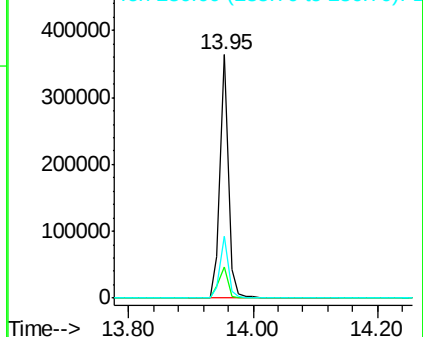


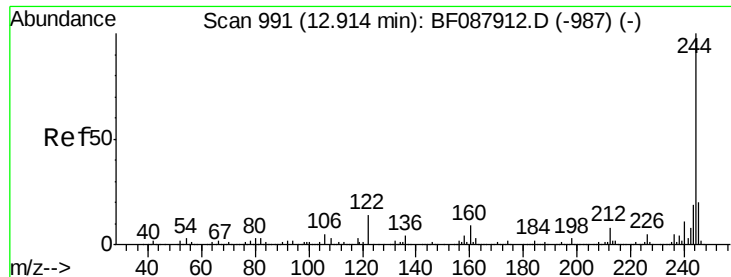
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF087950.D
Acq: 12 Jun 2016 16:07

Tgt Ion:240 Resp: 334634
Ion Ratio Lower Upper
240 100
120 13.0 6.8 10.2#
236 25.5 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

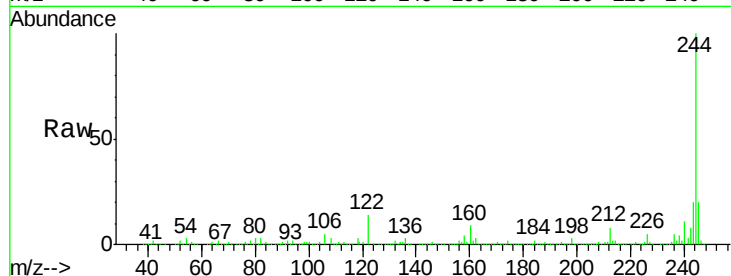




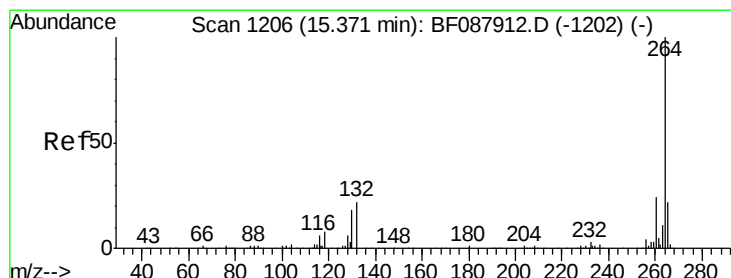
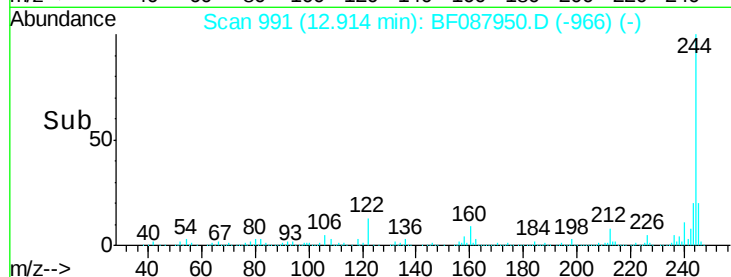
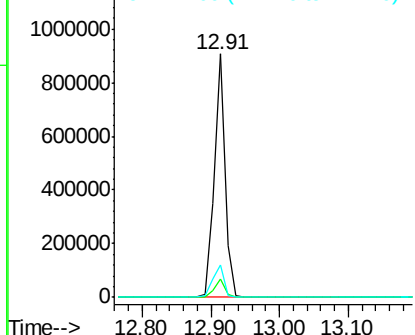
#78
 Terphenyl-d14
 Concen: 68.84 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF087950.D
 Acq: 12 Jun 2016 16:07

Instrument :
 BNA_F
 ClientSampleId :
 W-38

Tgt Ion:244 Resp: 1012273
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 13.5 11.2 16.8

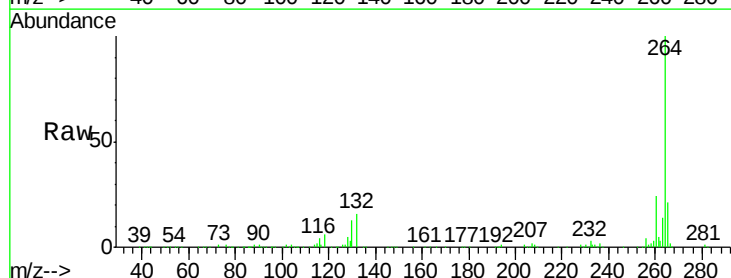


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF087950.D
 Acq: 12 Jun 2016 16:07

Tgt Ion:264 Resp: 264046
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.1 16.9 25.3



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

