

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
 Data File : BF087979.D
 Acq On : 13 Jun 2016 13:11
 Operator : UM/SJ
 Sample : H3438-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Quant Time: Jun 13 14:03:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	125392	20.00	ng	-0.06
21) Naphthalene-d8	8.08	136	536499	20.00	ng	-0.05
38) Acenaphthene-d10	9.84	164	247658	20.00	ng	-0.05
63) Phenanthrene-d10	11.31	188	435128	20.00	ng	-0.05
75) Chrysene-d12	13.94	240	298341	20.00	ng	-0.05
86) Perylene-d12	15.36	264	272734	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	774976	105.66	ng	-0.03
7) Phenol-d6	6.43	99	946975	106.53	ng	-0.05
23) Nitrobenzene-d5	7.36	82	583783	63.54	ng	-0.06
41) 2,4,6-Tribromophenol	10.63	330	217949	83.35	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	978320	60.46	ng	-0.05
78) Terphenyl-d14	12.90	244	683004	52.10	ng	-0.05

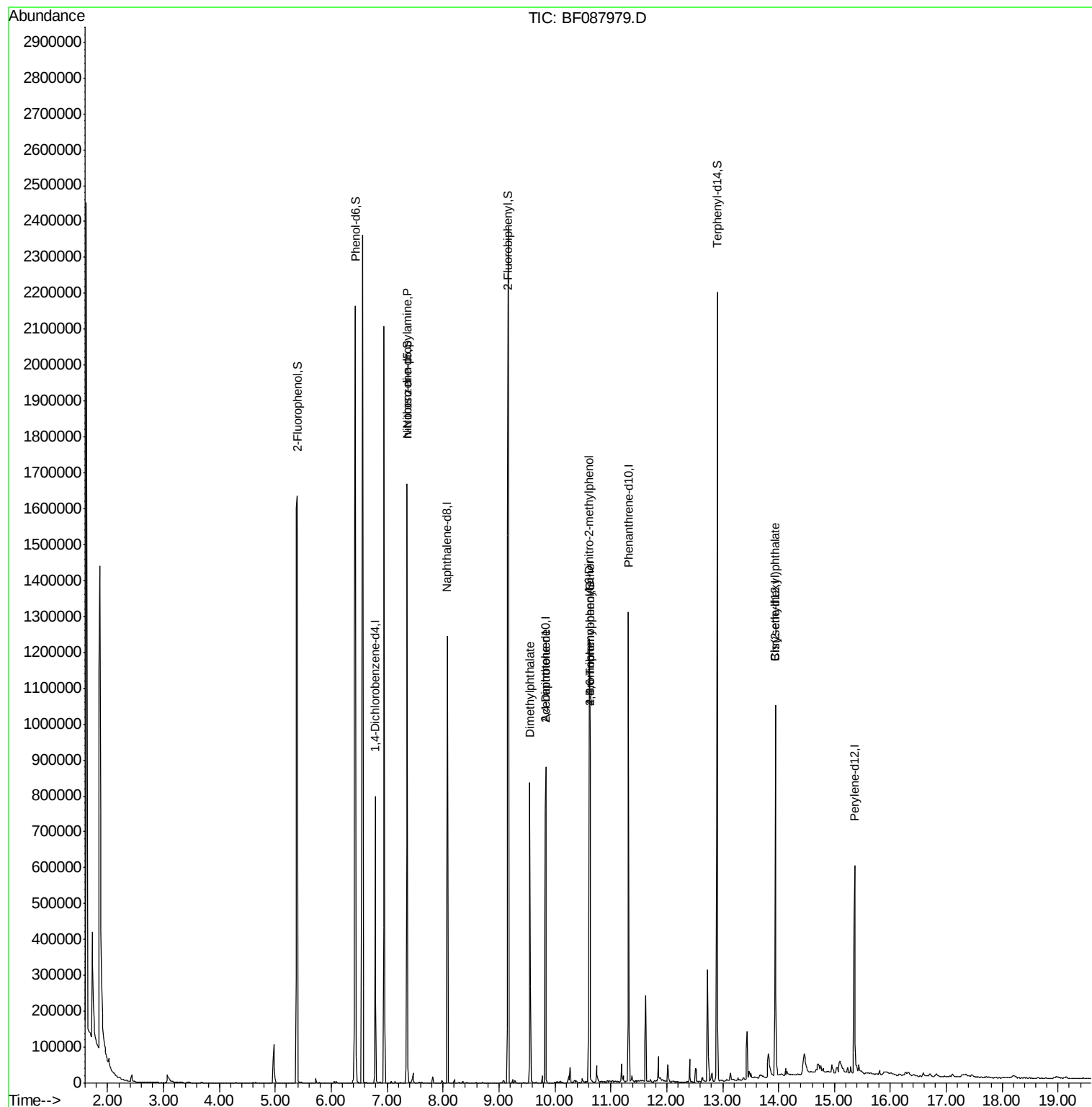
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.44	94	10007	Below Cal		99
19) n-Nitroso-di-n-propylamine	7.36	70	77075	13.55 ng	#	72
45) 1,1'-Biphenyl	9.16	154	1944	Below Cal	#	1
49) Dimethylphthalate	9.55	163	381982	21.29 ng		99
56) 2,4-Dinitrotoluene	9.84	165	31683	6.00 ng	#	38
57) Fluorene	10.38	166	307	Below Cal	#	87
64) 4,6-Dinitro-2-methylphenol	10.62	198	313	2.27 ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	13632	2.92 ng	#	1
83) Bis(2-ethylhexyl)phthalate	13.94	149	38678	3.25 ng	#	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.06 min

Lab File: BF087979.D

Acq: 13 Jun 2016 13:11

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

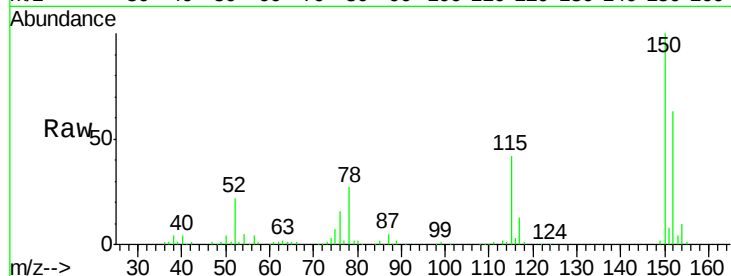
Tgt Ion:152 Resp: 125392

Ion Ratio Lower Upper

152 100

150 158.8 123.8 185.6

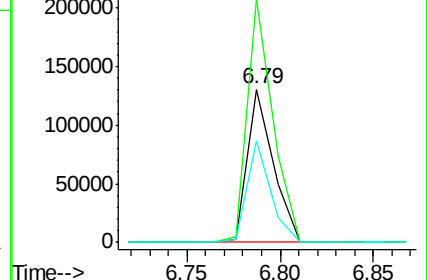
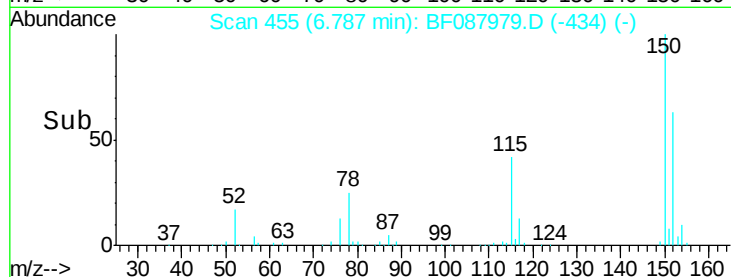
115 66.6 39.6 59.4#



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: 105.66 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF087979.D

Acq: 13 Jun 2016 13:11

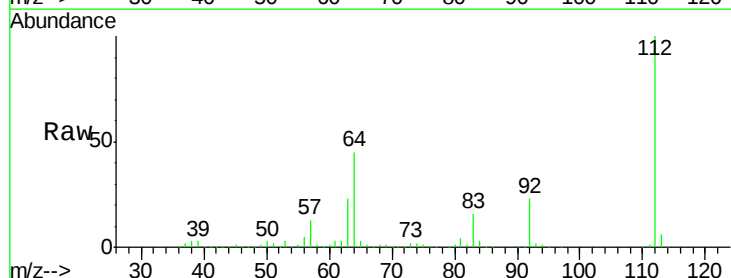
Tgt Ion:112 Resp: 774976

Ion Ratio Lower Upper

112 100

64 45.1 42.2 63.2

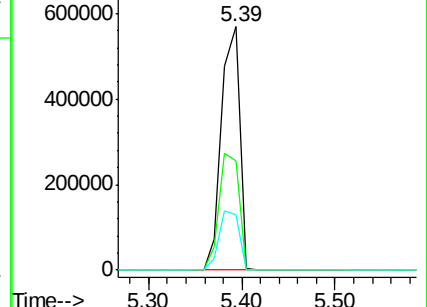
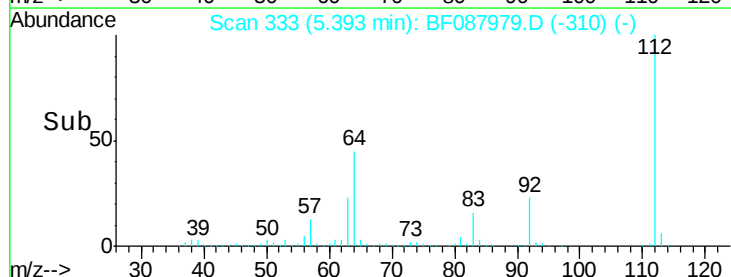
63 22.6 21.8 32.8



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: 106.53 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF087979.D

Acq: 13 Jun 2016 13:11

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

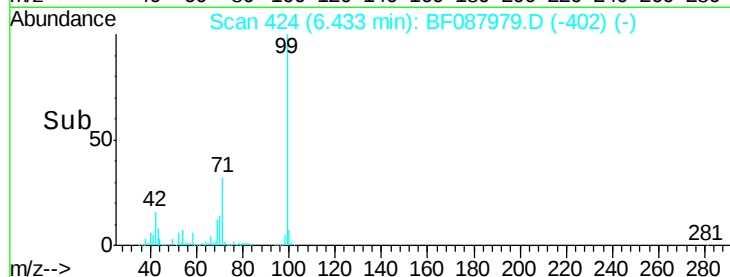
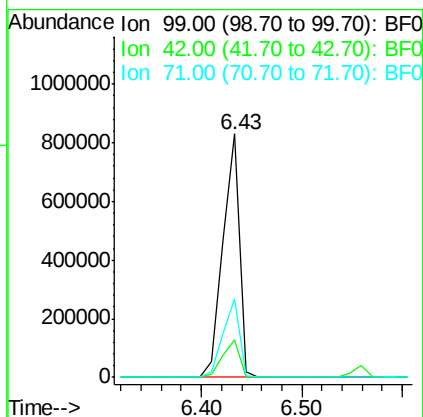
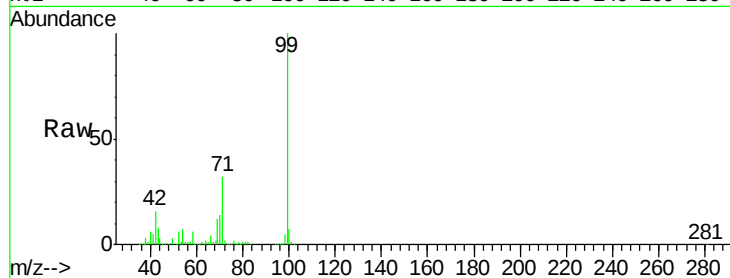
Tgt Ion: 99 Resp: 946975

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.2

71 32.4 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.55 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.09 min

Lab File: BF087979.D

Acq: 13 Jun 2016 13:11

Tgt Ion: 70 Resp: 77075

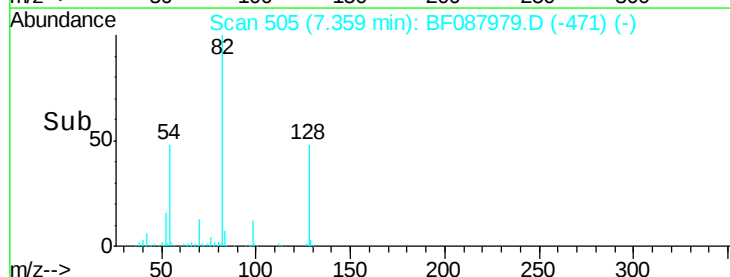
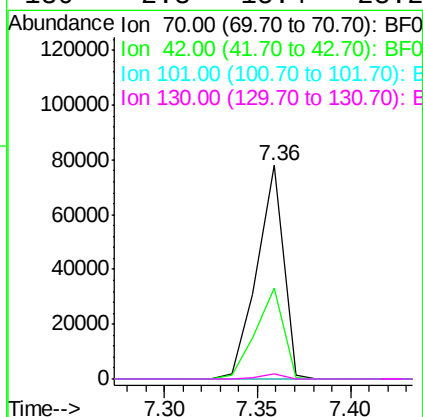
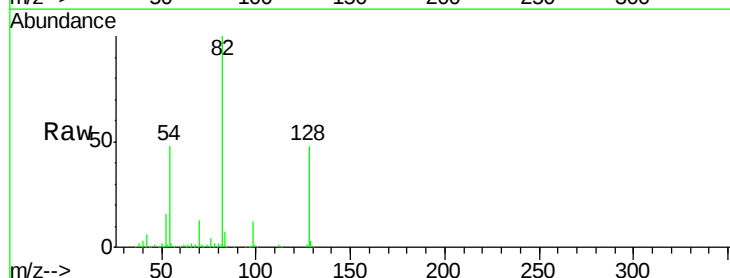
Ion Ratio Lower Upper

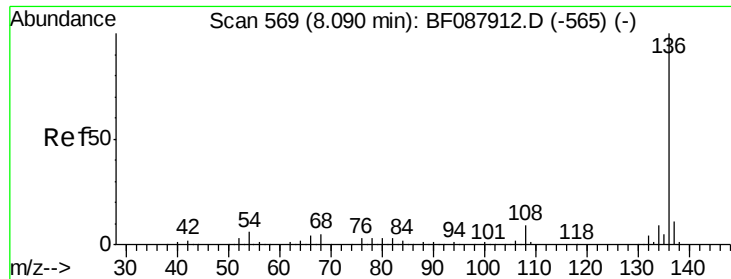
70 100

42 42.3 49.6 74.4#

101 0.0 7.1 10.7#

130 2.3 15.4 23.2#

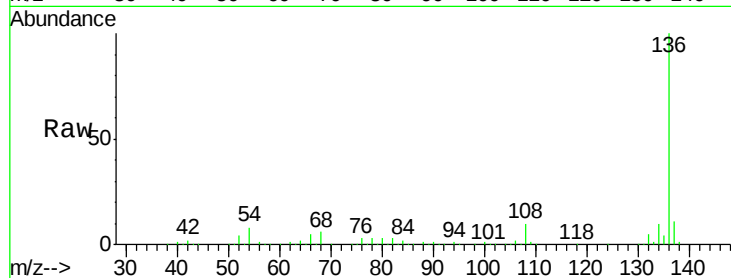




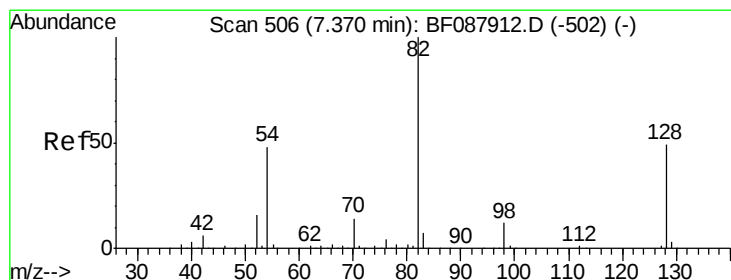
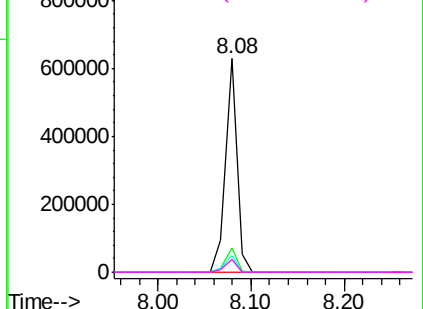
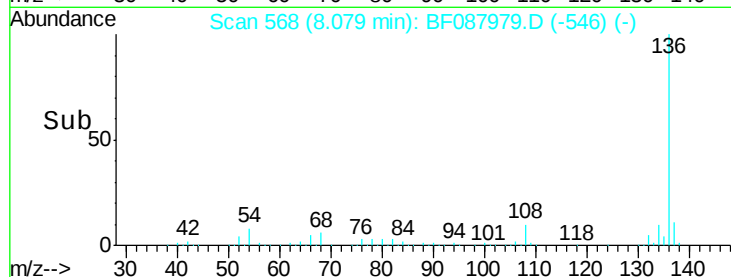
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.05 min
Lab File: BF087979.D
Acq: 13 Jun 2016 13:11

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion:	136	Resp:	536499
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.6	6.6	10.0
68	6.3	5.1	7.7

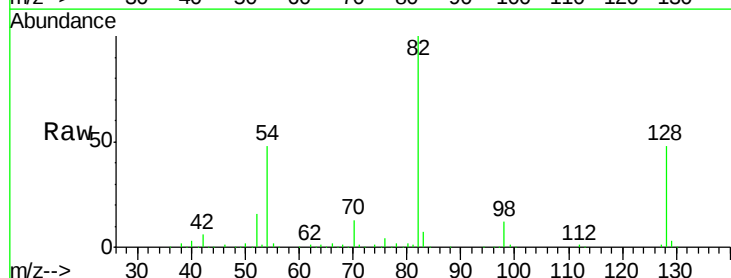


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

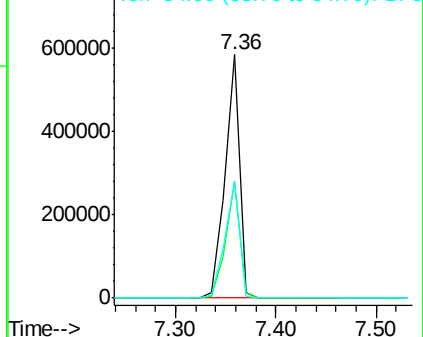
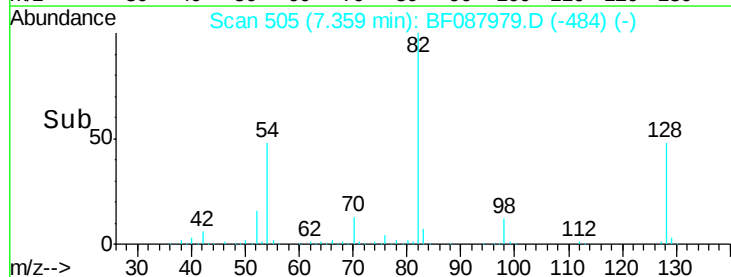


#23
Nitrobenzene-d5
Concen: 63.54 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.06 min
Lab File: BF087979.D
Acq: 13 Jun 2016 13:11

Tgt Ion:	82	Resp:	583783
Ion	Ratio	Lower	Upper
82	100		
128	47.8	35.9	53.9
54	47.6	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

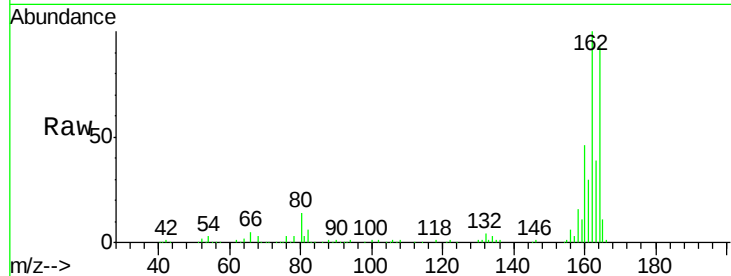




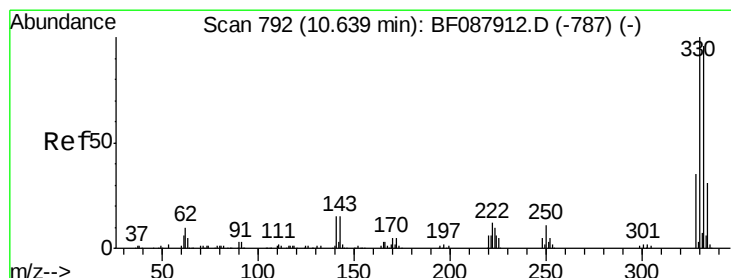
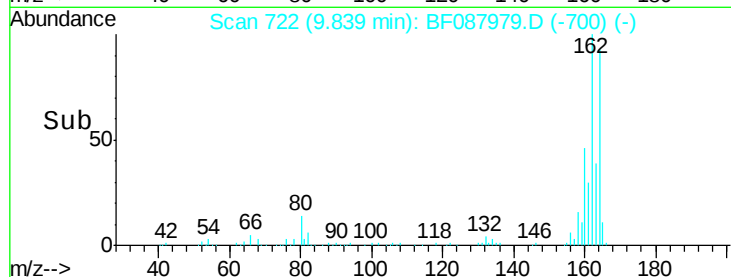
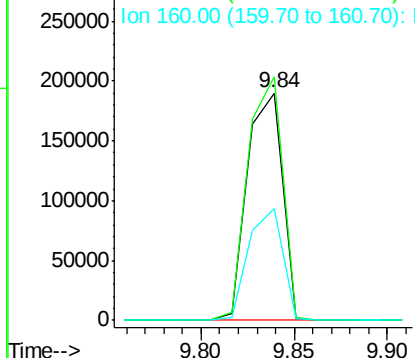
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.05 min
 Lab File: BF087979.D
 Acq: 13 Jun 2016 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tgt Ion:164 Resp: 247658
 Ion Ratio Lower Upper
 164 100
 162 107.3 85.4 128.2
 160 49.3 39.5 59.3

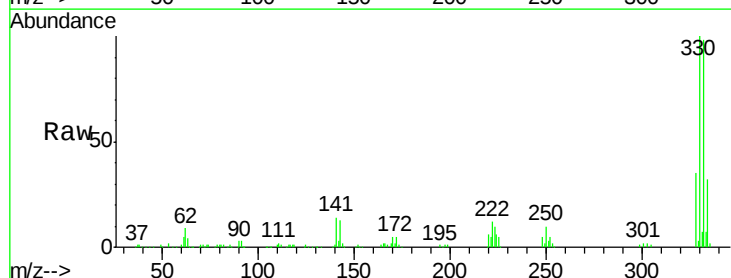


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

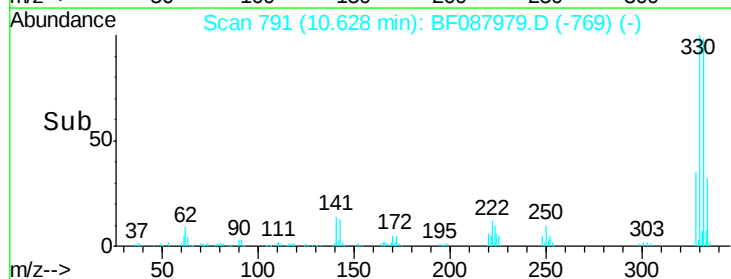
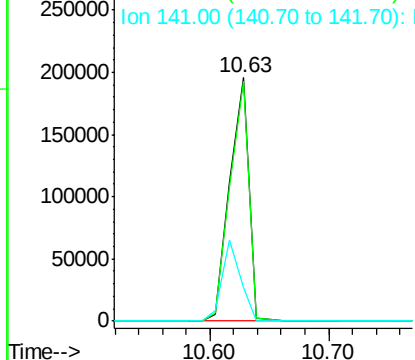


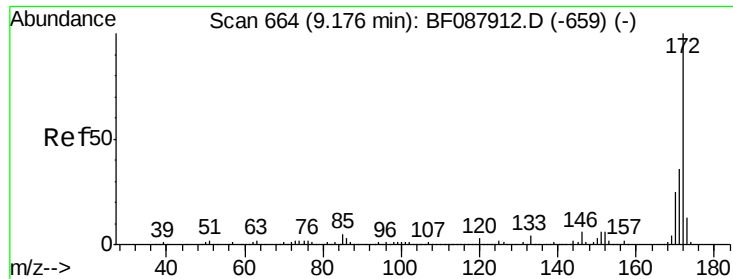
#41
 2,4,6-Tribromophenol
 Concen: 83.35 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.05 min
 Lab File: BF087979.D
 Acq: 13 Jun 2016 13:11

Tgt Ion:330 Resp: 217949
 Ion Ratio Lower Upper
 330 100
 332 97.9 0.0 0.0#
 141 32.2 0.0 0.0#



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

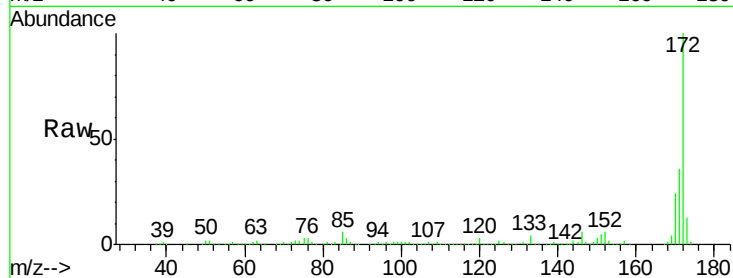




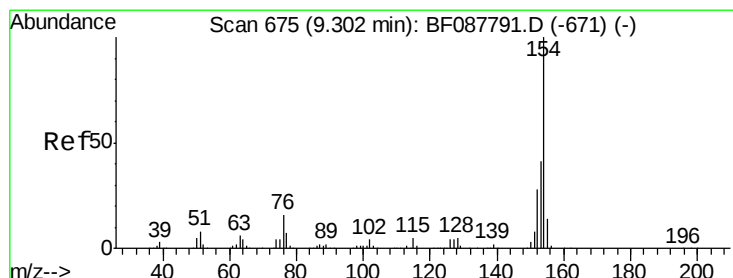
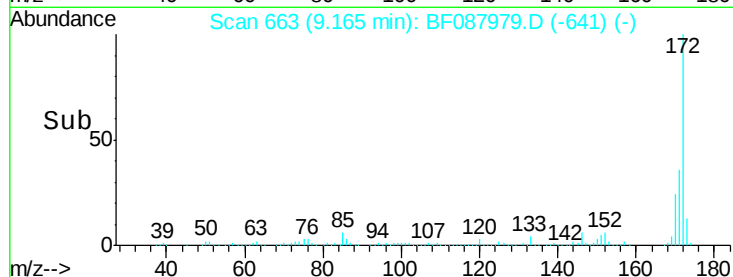
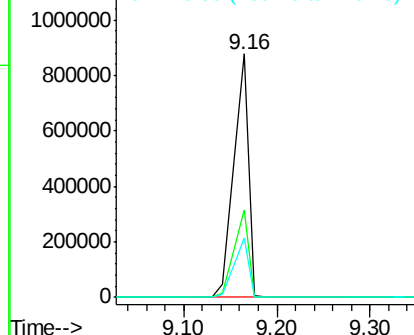
#44
 2-Fluorobiphenyl
 Concen: 60.46 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.05 min
 Lab File: BF087979.D
 Acq: 13 Jun 2016 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tgt Ion:172 Resp: 978320
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.3 19.2 28.8

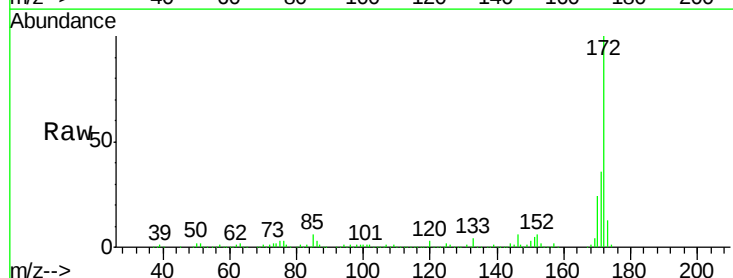


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

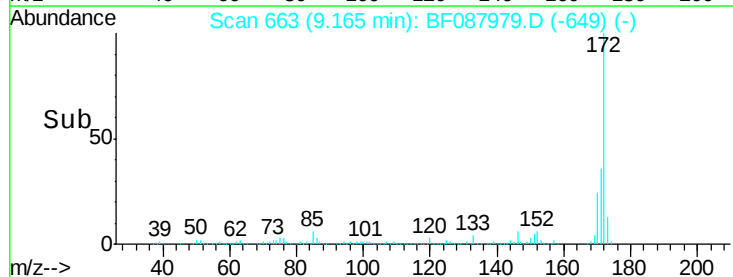
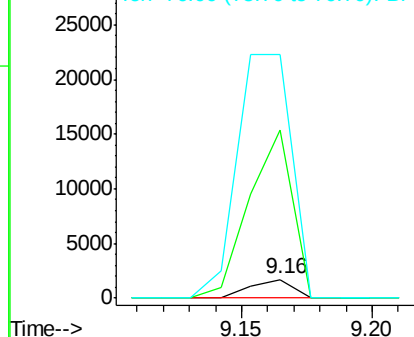


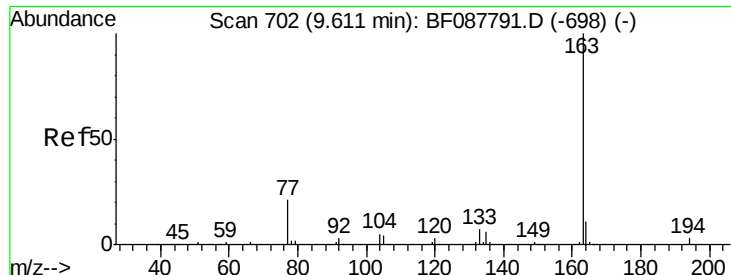
#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.16 min Scan# 663
 Delta R.T. -0.14 min
 Lab File: BF087979.D
 Acq: 13 Jun 2016 13:11

Tgt Ion:154 Resp: 1944
 Ion Ratio Lower Upper
 154 100
 153 899.2 20.6 60.6#
 76 1303.2 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

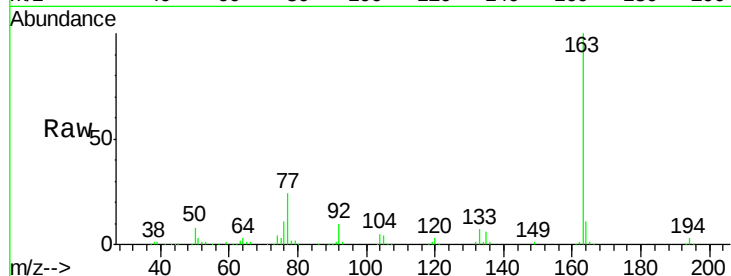




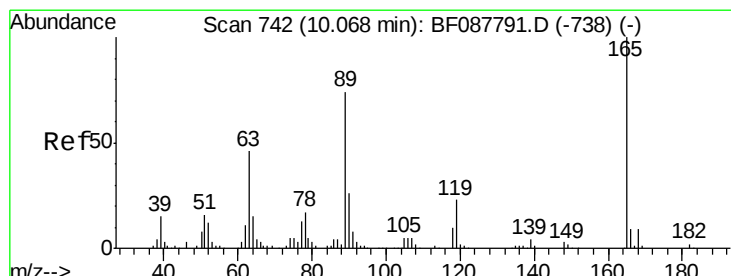
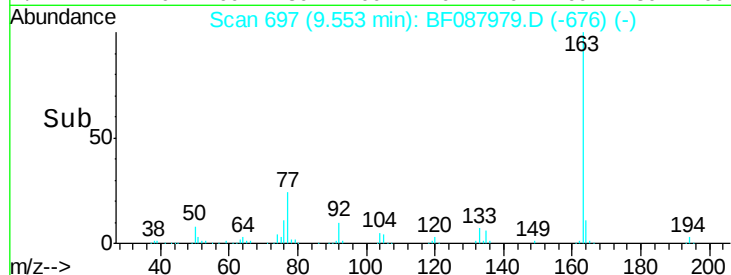
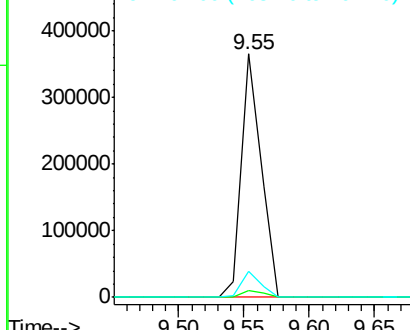
#49
Dimethylphthalate
Concen: 21.29 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.06 min
Lab File: BF087979.D
Acq: 13 Jun 2016 13:11

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion:163 Resp: 381982
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.6 8.3 12.5

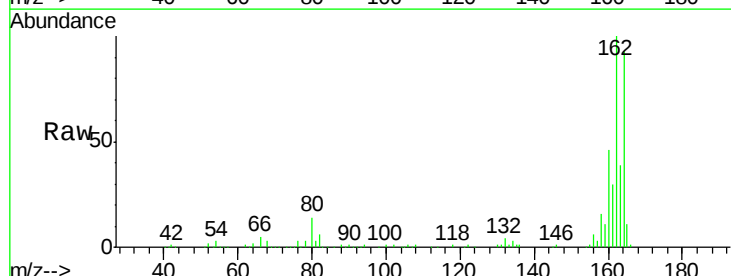


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

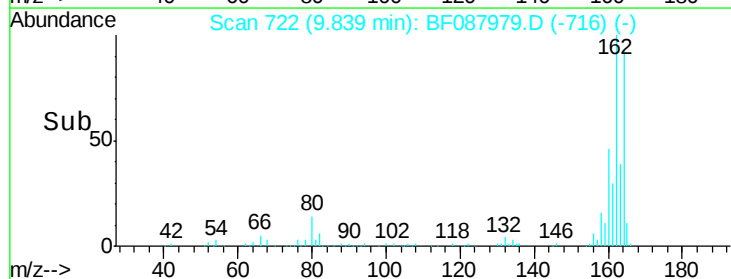
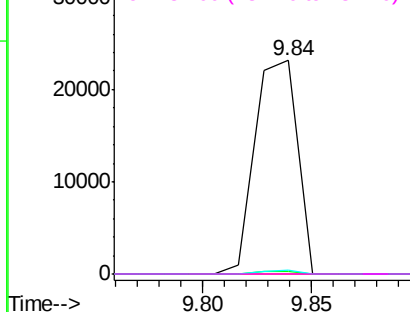


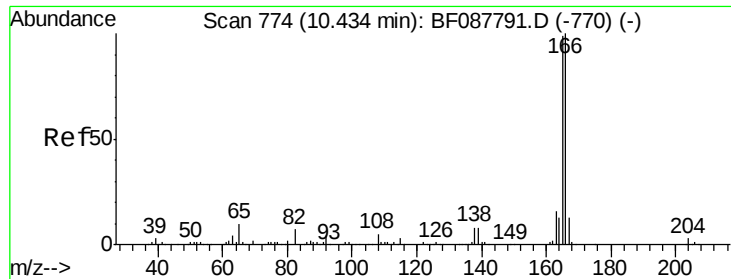
#56
2,4-Dinitrotoluene
Concen: 6.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.23 min
Lab File: BF087979.D
Acq: 13 Jun 2016 13:11

Tgt Ion:165 Resp: 31683
Ion Ratio Lower Upper
165 100
63 1.3 22.0 33.0#
89 2.0 41.1 61.7#
182 0.0 2.0 3.0#



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





#57

Fluorene

Concen: Below Cal

RT: 10.38 min Scan# 769

Delta R.T. -0.06 min

Lab File: BF087979.D

Acq: 13 Jun 2016 13:11

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

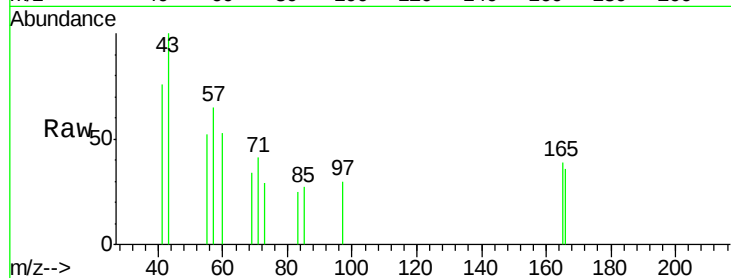
Tgt Ion:166 Resp: 307

Ion Ratio Lower Upper

166 100

165 106.7 77.8 116.8

167 0.0 11.2 16.8#



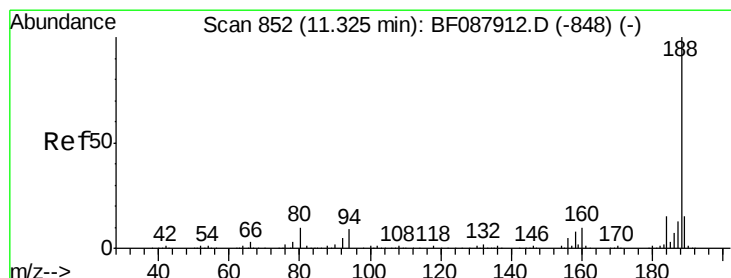
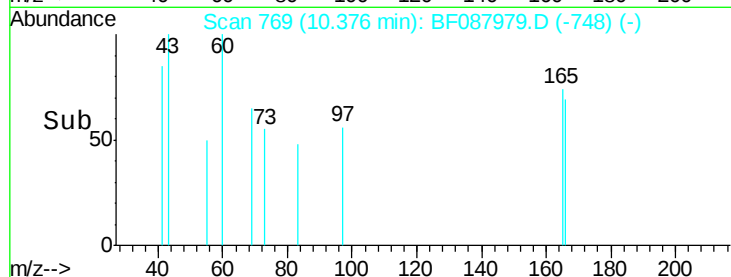
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

10.38

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF087979.D

Acq: 13 Jun 2016 13:11

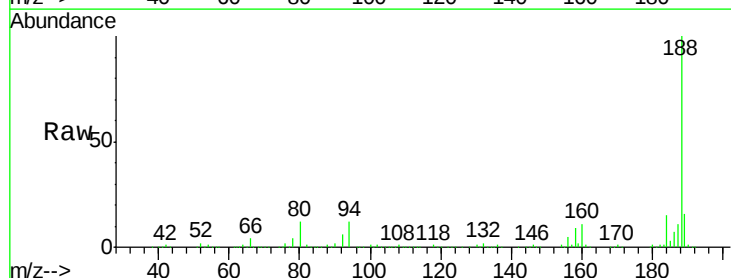
Tgt Ion:188 Resp: 435128

Ion Ratio Lower Upper

188 100

94 11.7 9.0 13.6

80 12.3 10.0 15.0



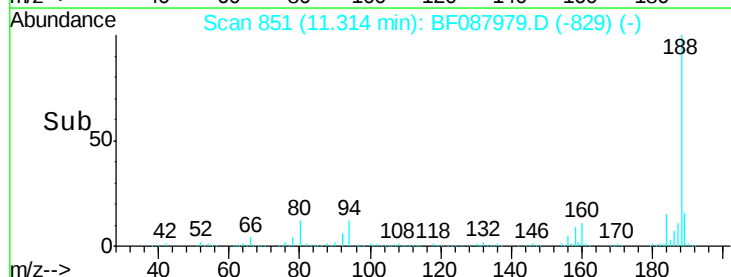
Abundance Ion 188.00 (187.70 to 188.70): E

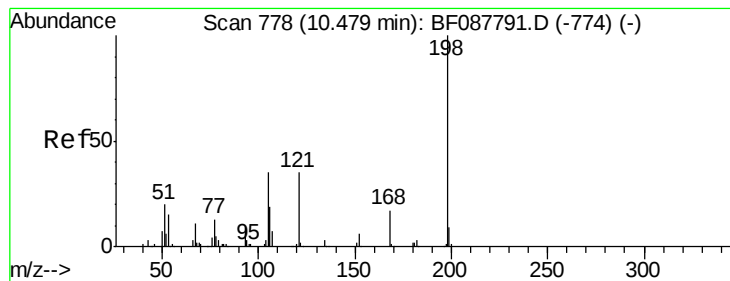
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.31

Time-->





#64

4,6-Dinitro-2-methylphenol

Concen: 2.27 ng

RT: 10.62 min Scan# 790

Delta R.T. 0.14 min

Lab File: BF087979.D

Acq: 13 Jun 2016 13:11

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

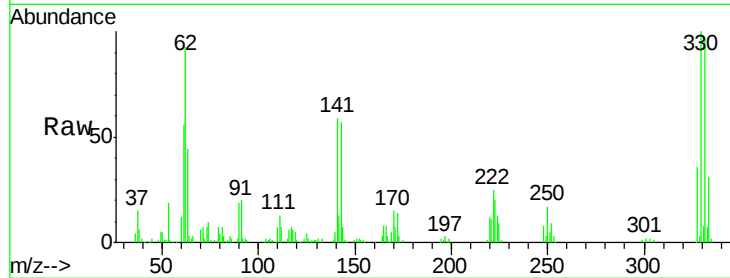
Tgt Ion:198 Resp: 313

Ion Ratio Lower Upper

198 100

51 193.0 39.6 79.6#

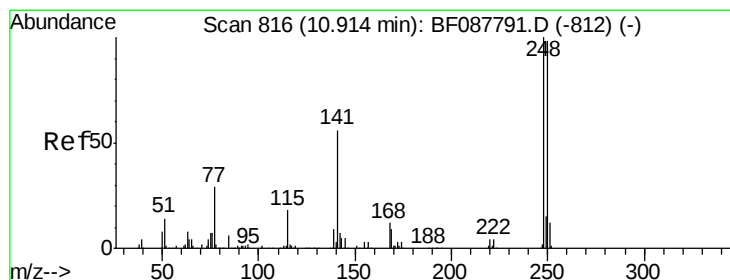
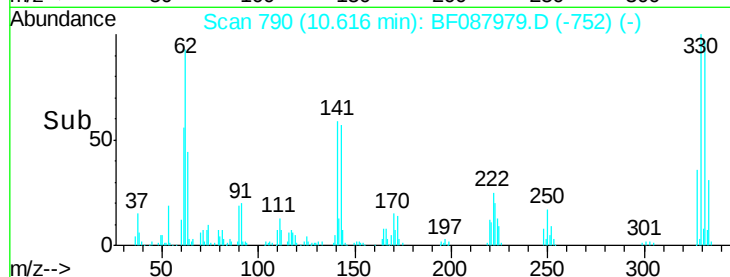
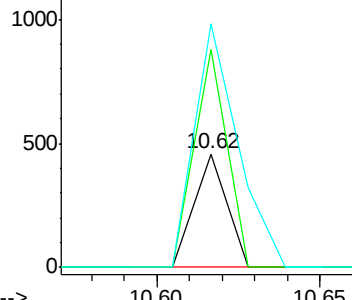
105 214.9 36.6 76.6#



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: 2.92 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.29 min

Lab File: BF087979.D

Acq: 13 Jun 2016 13:11

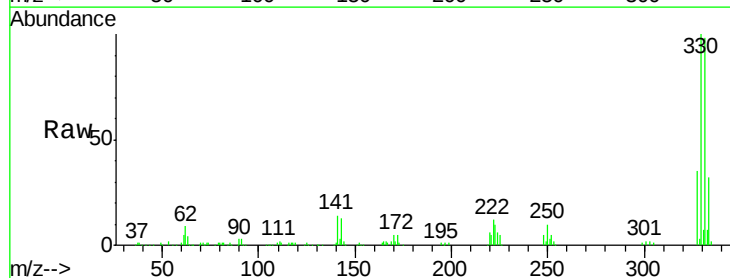
Tgt Ion:248 Resp: 13632

Ion Ratio Lower Upper

248 100

250 202.7 77.1 115.7#

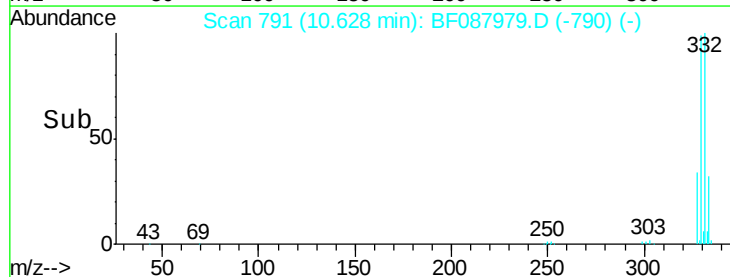
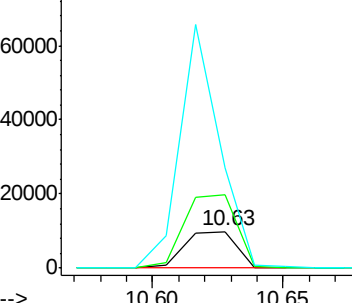
141 275.1 50.6 76.0#

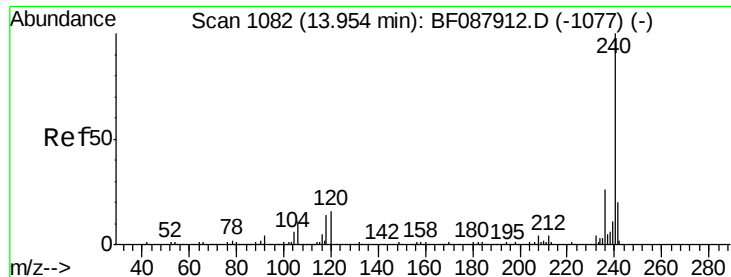


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.94 min Scan# 1081

Delta R.T. -0.05 min

Lab File: BF087979.D

Acq: 13 Jun 2016 13:11

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

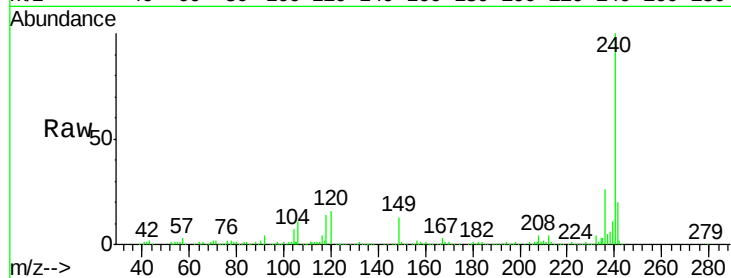
Tgt Ion:240 Resp: 298341

Ion Ratio Lower Upper

240 100

120 15.9 6.8 10.2#

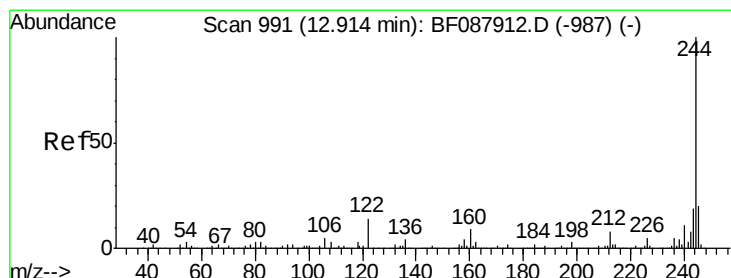
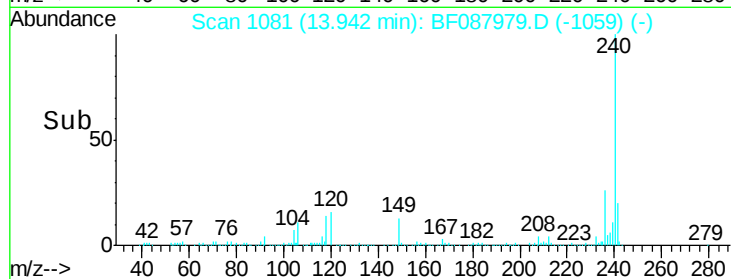
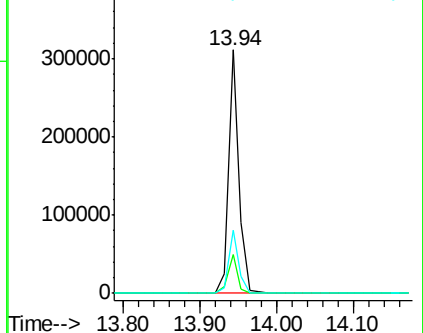
236 25.9 20.2 30.2



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: 52.10 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.05 min

Lab File: BF087979.D

Acq: 13 Jun 2016 13:11

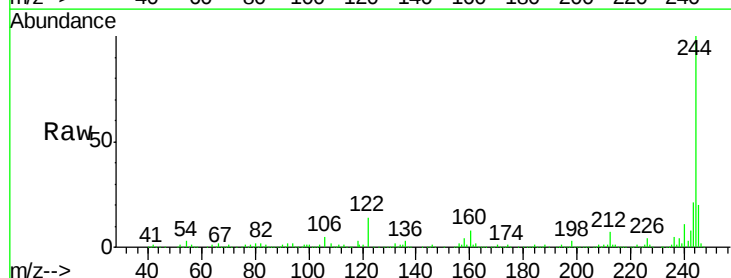
Tgt Ion:244 Resp: 683004

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

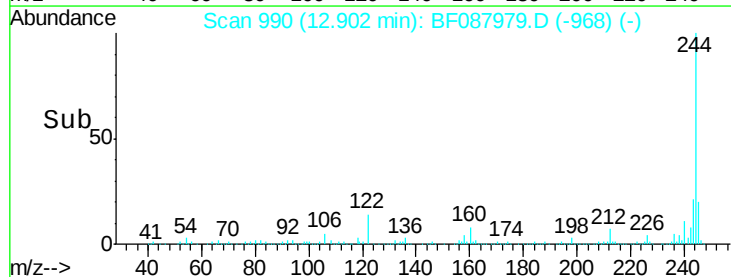
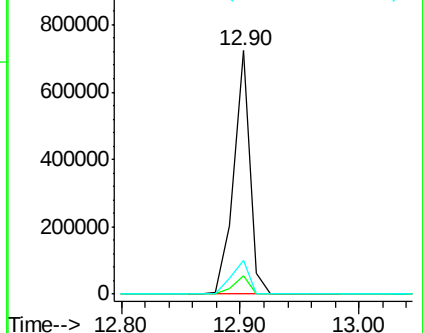
122 13.6 11.2 16.8

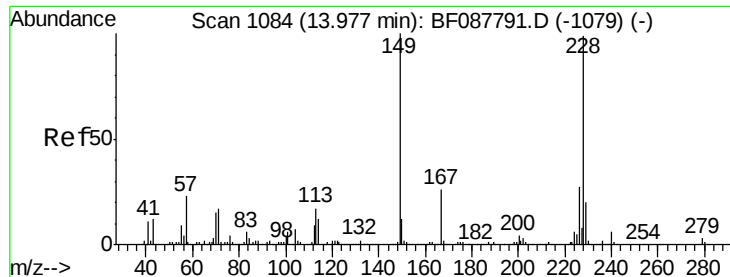


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.25 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.03 min

Lab File: BF087979.D

Acq: 13 Jun 2016 13:11

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

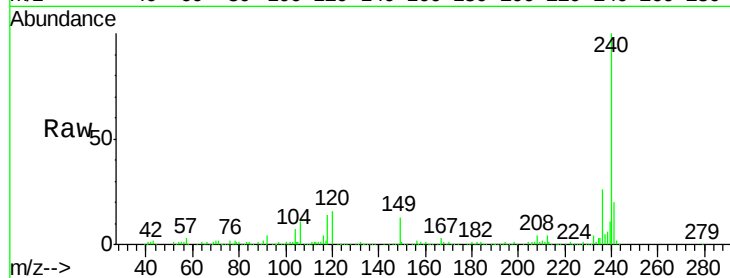
Tgt Ion:149 Resp: 38678

Ion Ratio Lower Upper

149 100

167 27.1 20.5 30.7

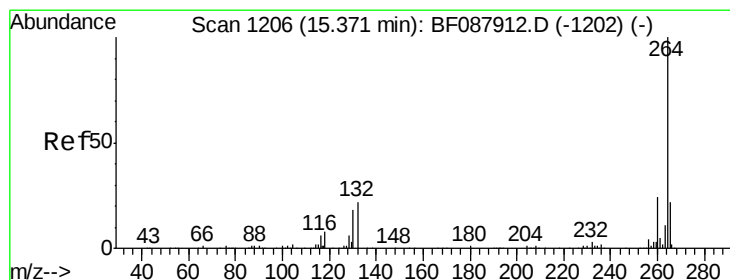
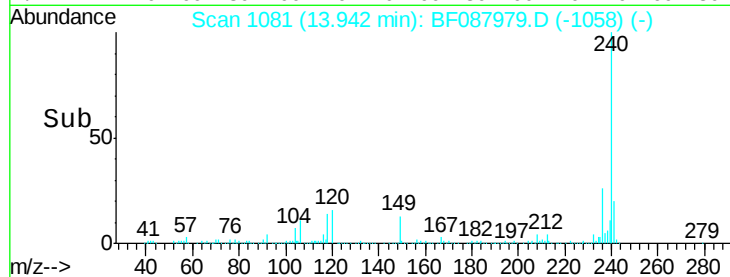
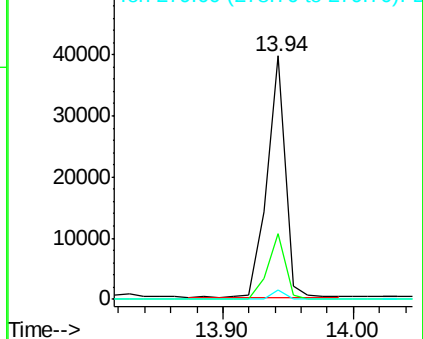
279 3.7 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BF087979.D

Acq: 13 Jun 2016 13:11

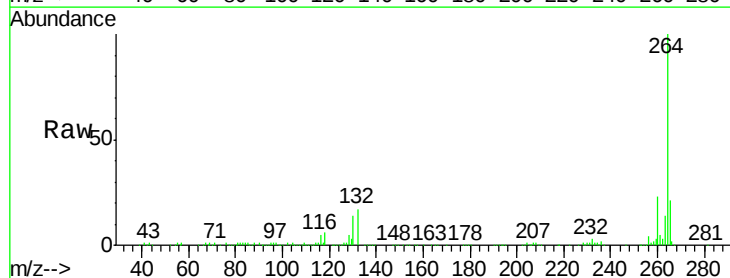
Tgt Ion:264 Resp: 272734

Ion Ratio Lower Upper

264 100

260 23.4 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

