

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
 Data File : BF088316.D
 Acq On : 24 Jun 2016 5:40
 Operator : UM/SJ
 Sample : H3683-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Time: Jun 24 06:47:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 01:47:17 2016
 Response via : Initial Calibration

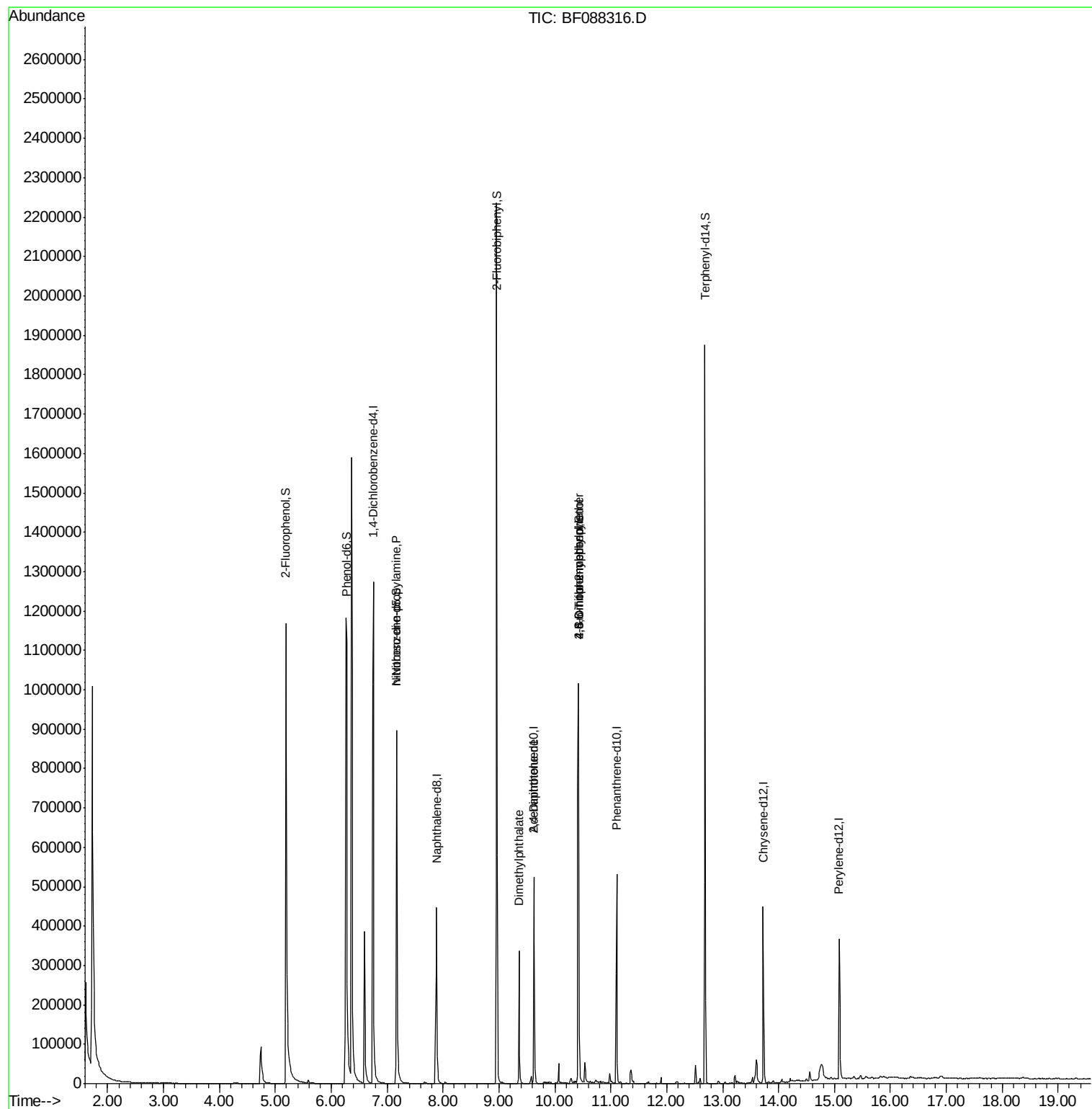
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	320673	20.00	ng	0.16
21) Naphthalene-d8	7.88	136	320332	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	141585	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	246391	20.00	ng	0.00
75) Chrysene-d12	13.73	240	169558	20.00	ng	-0.01
86) Perylene-d12	15.09	264	157083	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	690411	36.81	ng	0.00
7) Phenol-d6	6.27	99	850143	37.40	ng	-0.01
23) Nitrobenzene-d5	7.16	82	503248	91.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	177018	118.41	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	816933	91.03	ng	-0.01
78) Terphenyl-d14	12.68	244	584089	78.39	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	1194	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.16	70	63554	4.37	ng	# 71
45) 1,1'-Biphenyl	8.96	154	1588	Below Cal	#	1
49) Dimethylphthalate	9.36	163	151452	14.77	ng	# 99
56) 2,4-Dinitrotoluene	9.62	165	17411	5.77	ng	# 36
64) 4,6-Dinitro-2-methylphenol	10.42	198	234	2.31	ng	# 4
66) 4-Bromophenyl-phenylether	10.42	248	11578	4.38	ng	# 1

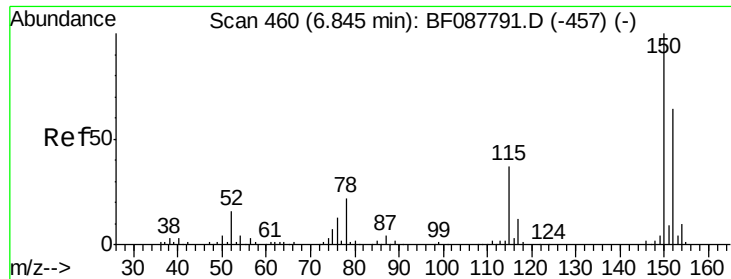
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.16 min

Lab File: BF088316.D

Acq: 24 Jun 2016 5:40

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

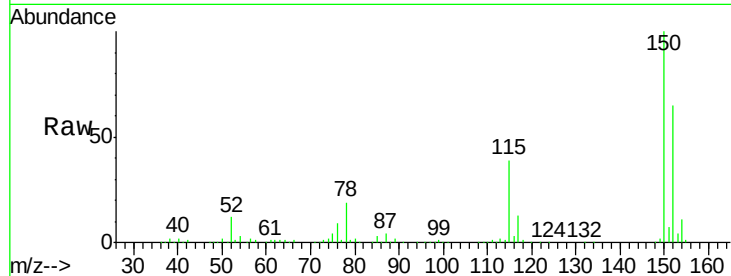
Tgt Ion:152 Resp: 320673

Ion Ratio Lower Upper

152 100

150 153.4 123.8 185.6

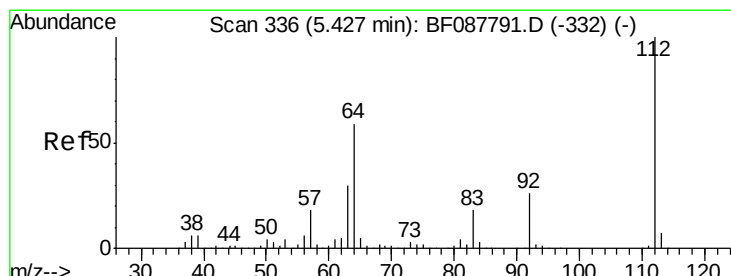
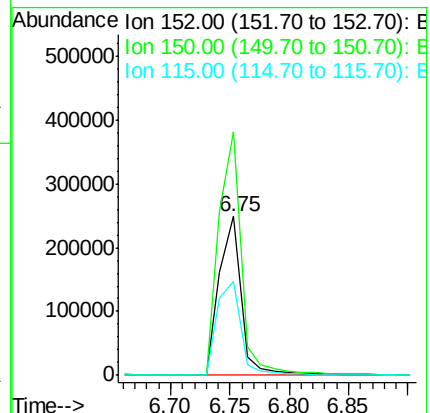
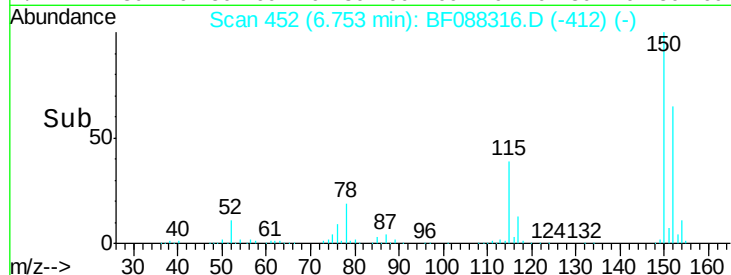
115 59.4 39.6 59.4



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: 36.81 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.00 min

Lab File: BF088316.D

Acq: 24 Jun 2016 5:40

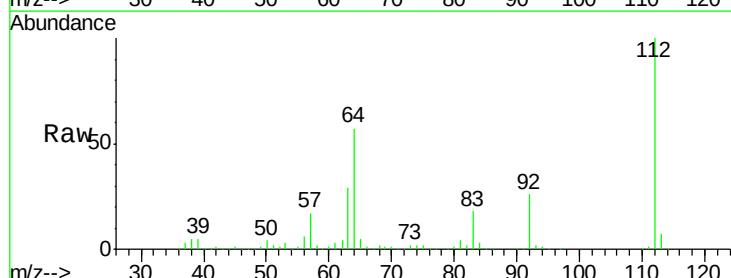
Tgt Ion:112 Resp: 690411

Ion Ratio Lower Upper

112 100

64 56.6 42.2 63.2

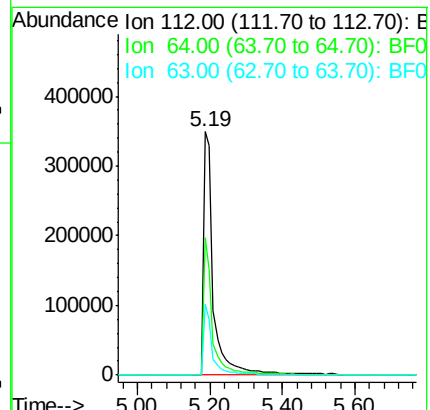
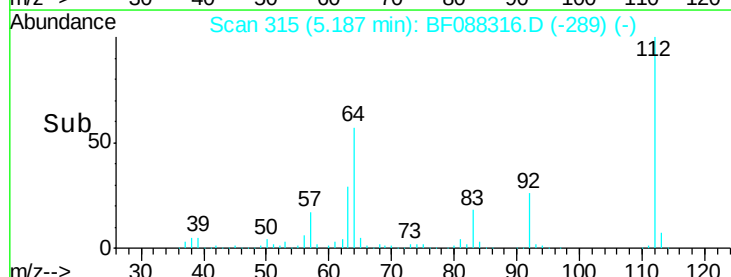
63 29.2 21.8 32.8

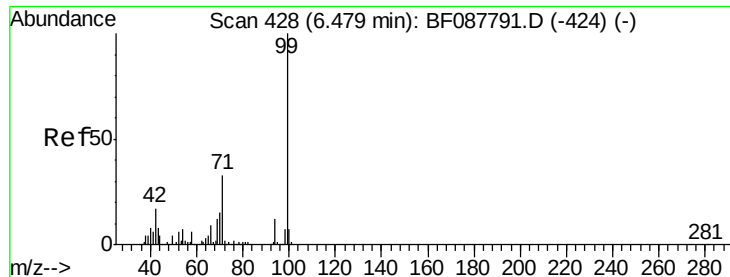


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.40 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF088316.D

Acq: 24 Jun 2016 5:40

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

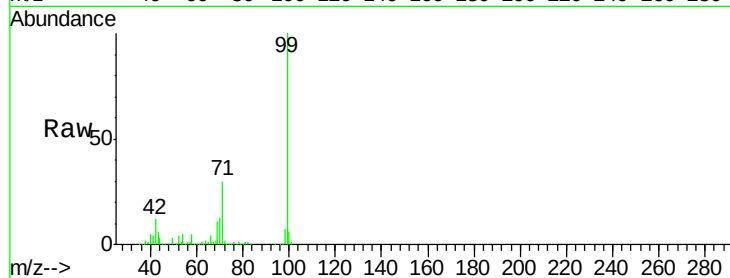
Tgt Ion: 99 Resp: 850143

Ion Ratio Lower Upper

99 100

42 11.8 12.2 18.2#

71 29.5 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

6.27

400000

300000

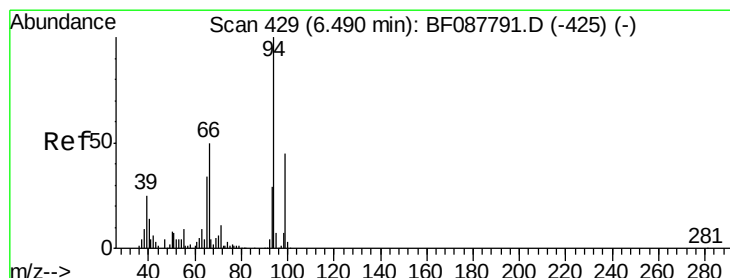
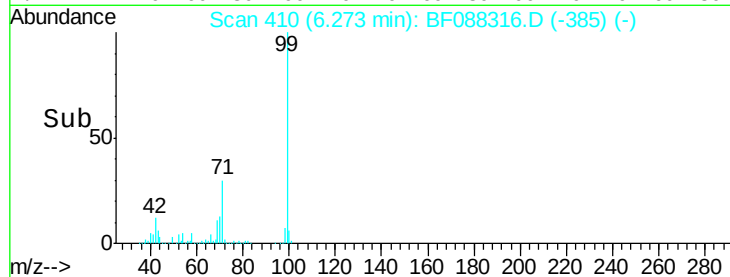
200000

100000

0

6.20 6.40 6.60

Time-->



#10

Phenol

Concen: Below Cal

RT: 6.36 min Scan# 418

Delta R.T. 0.07 min

Lab File: BF088316.D

Acq: 24 Jun 2016 5:40

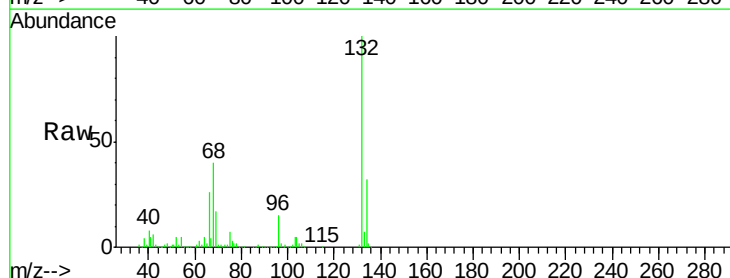
Tgt Ion: 94 Resp: 1194

Ion Ratio Lower Upper

94 100

65 845.6 5.9 45.9#

66 11186.1 14.0 54.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

150000

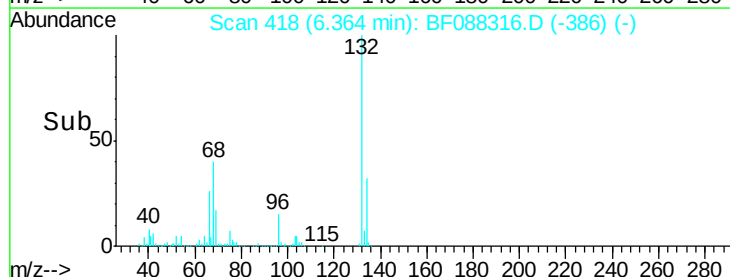
100000

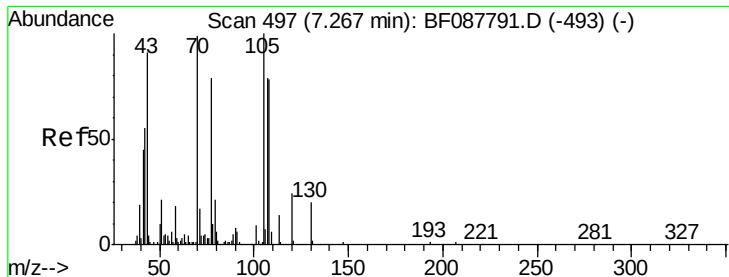
50000

0

6.35 6.40

Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 4.37 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.13 min

Lab File: BF088316.D

Acq: 24 Jun 2016 5:40

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

Tgt Ion: 70 Resp: 63554

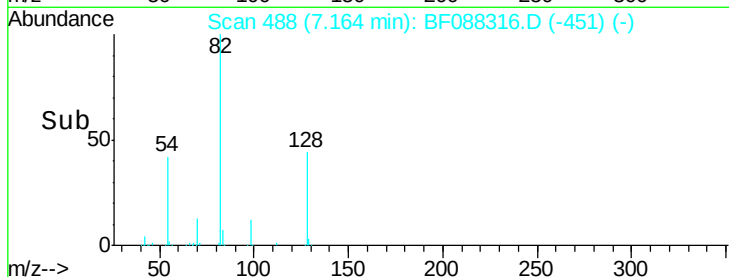
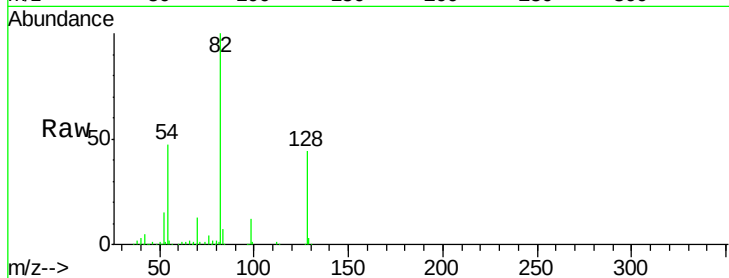
Ion Ratio Lower Upper

70 100

42 40.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.3 15.4 23.2#

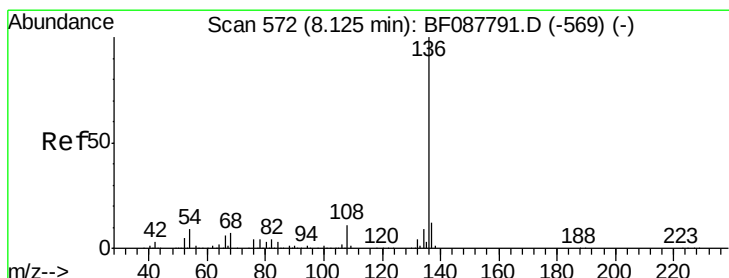
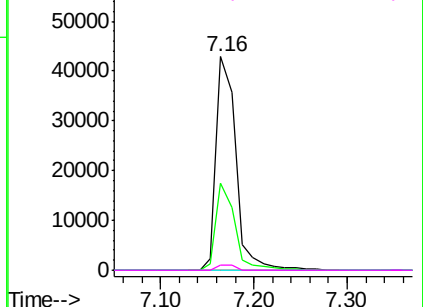


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF088316.D

Acq: 24 Jun 2016 5:40

Tgt Ion: 136 Resp: 320332

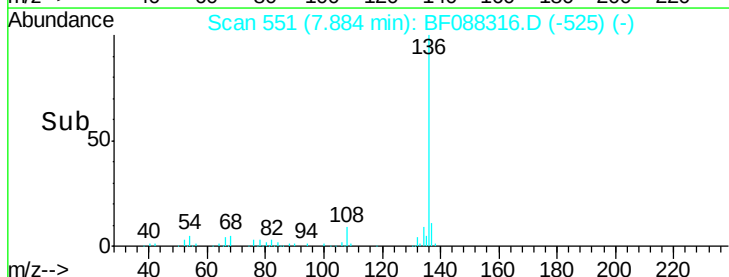
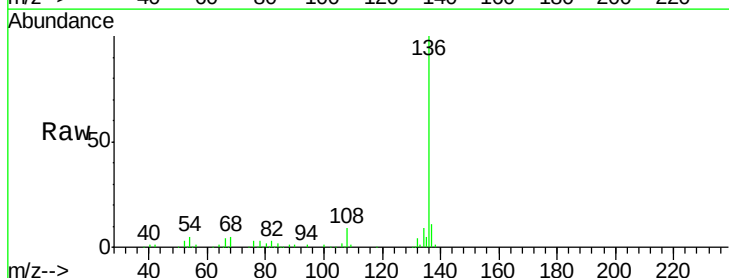
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.1 6.6 10.0#

68 4.7 5.1 7.7#

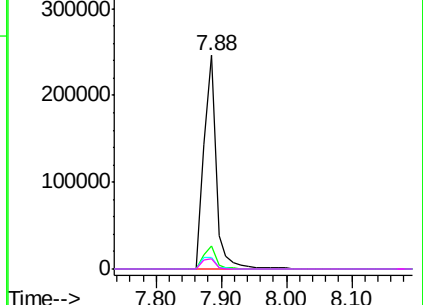


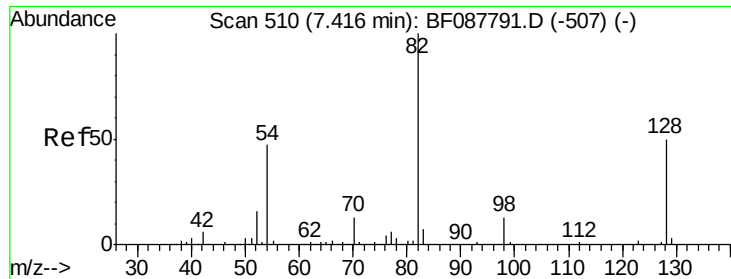
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

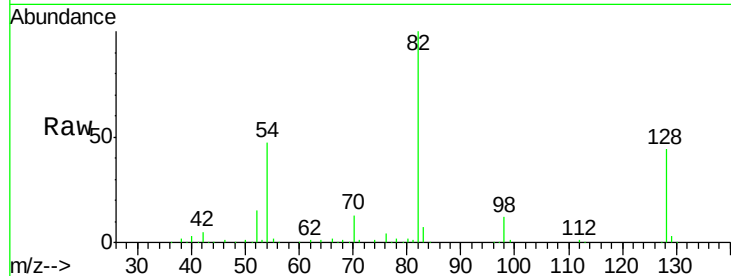




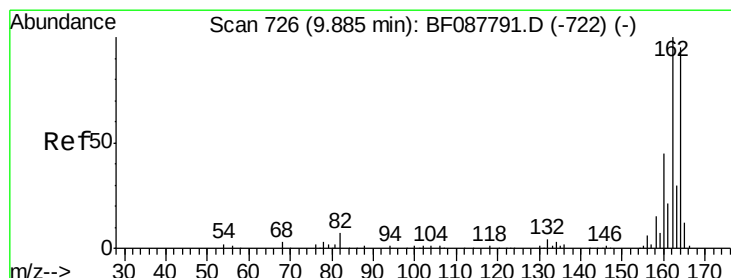
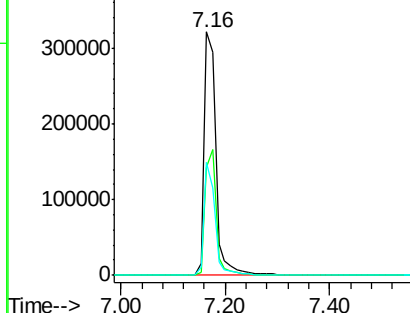
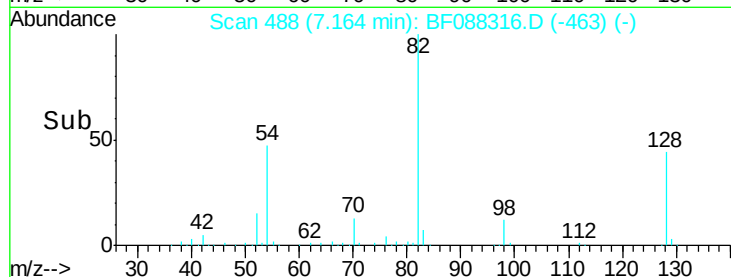
#23
 Nitrobenzene-d5
 Concen: 91.74 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF088316.D
 Acq: 24 Jun 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tgt Ion: 82 Resp: 503248
 Ion Ratio Lower Upper
 82 100
 128 44.2 35.9 53.9
 54 46.7 40.9 61.3

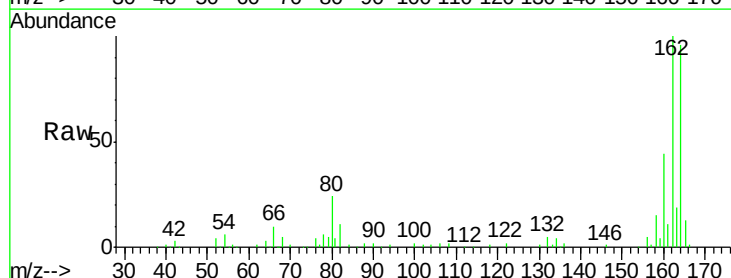


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

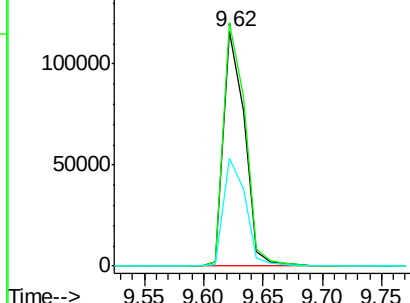
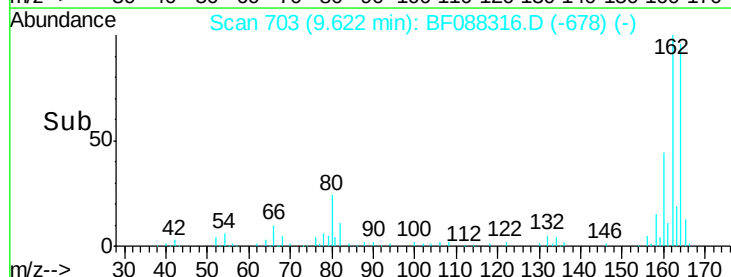


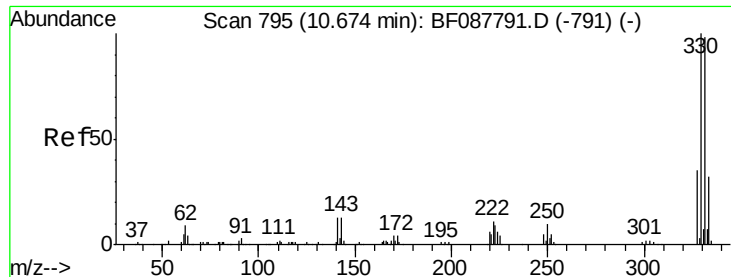
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF088316.D
 Acq: 24 Jun 2016 5:40

Tgt Ion: 164 Resp: 141585
 Ion Ratio Lower Upper
 164 100
 162 104.0 85.4 128.2
 160 46.2 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

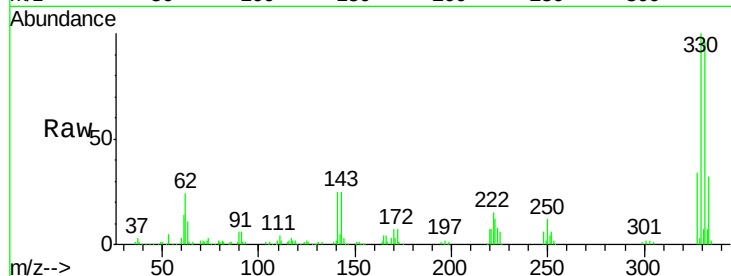




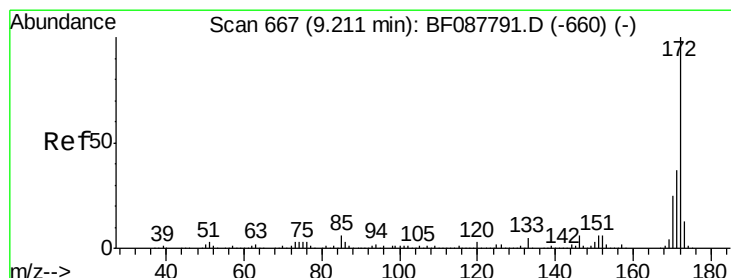
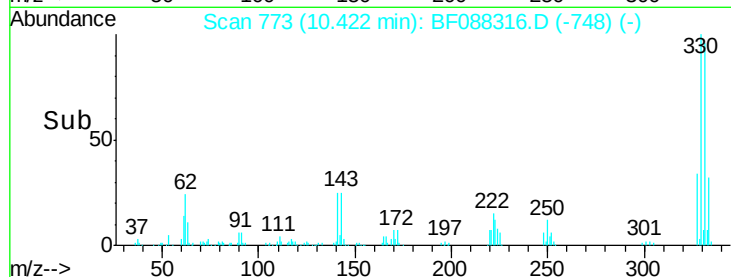
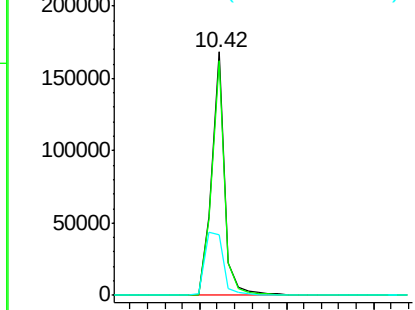
#41
 2,4,6-Tribromophenol
 Concen: 118.41 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088316.D
 Acq: 24 Jun 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tgt Ion: 330 Resp: 177018
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 36.8 0.0 0.0#

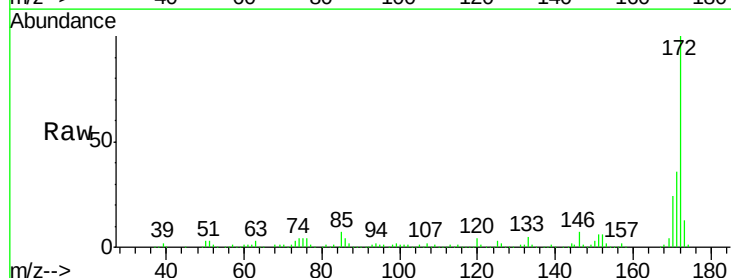


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

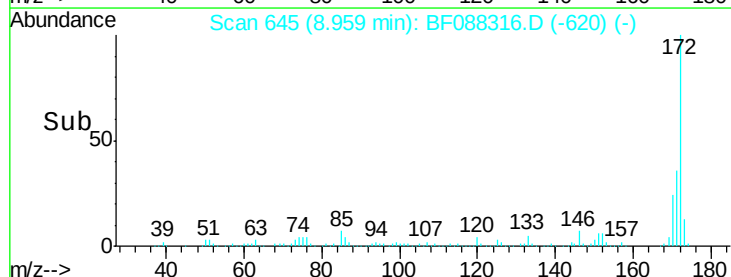
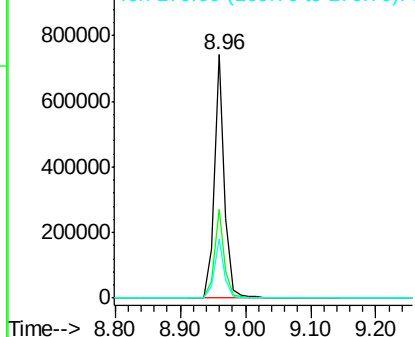


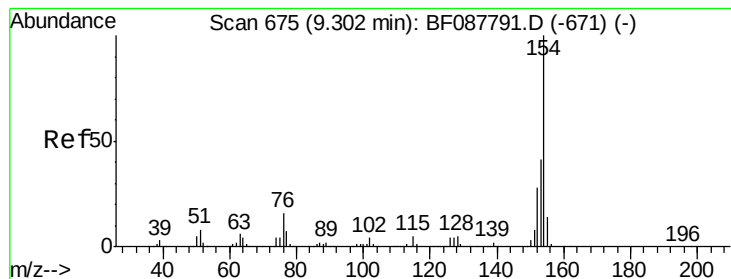
#44
 2-Fluorobiphenyl
 Concen: 91.03 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF088316.D
 Acq: 24 Jun 2016 5:40

Tgt Ion: 172 Resp: 816933
 Ion Ratio Lower Upper
 172 100
 171 36.2 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: 8.96 min Scan# 645

Delta R.T. -0.10 min

Lab File: BF088316.D

Acq: 24 Jun 2016 5:40

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

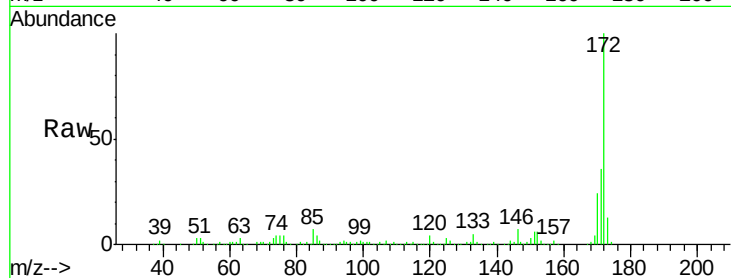
Tgt Ion:154 Resp: 1588

Ion Ratio Lower Upper

154 100

153 959.3 20.6 60.6#

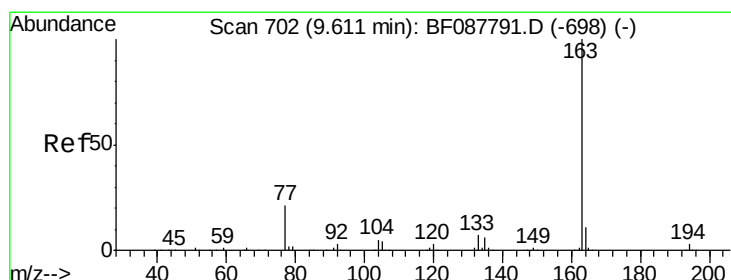
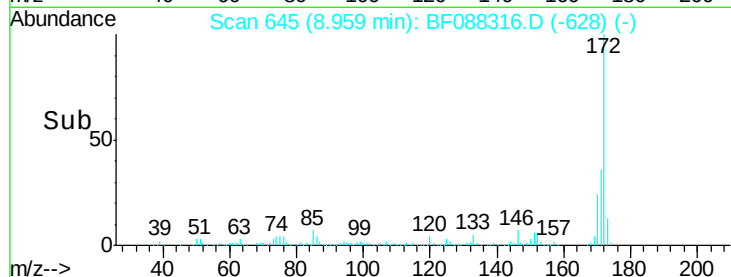
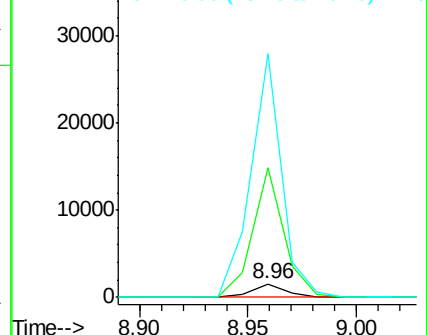
76 1792.7 0.0 35.1#



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: 14.77 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF088316.D

Acq: 24 Jun 2016 5:40

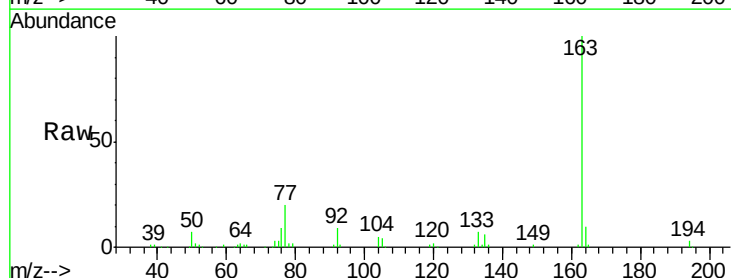
Tgt Ion:163 Resp: 151452

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

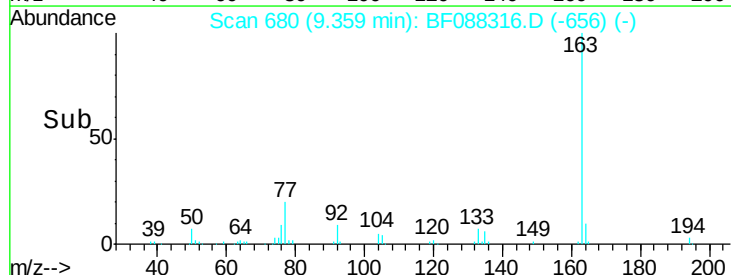
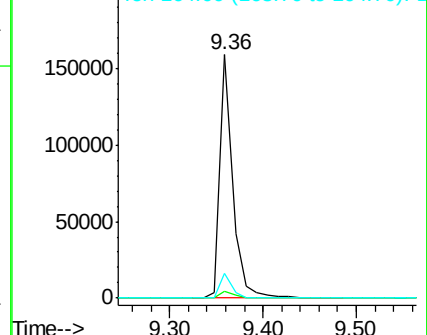
164 10.2 8.3 12.5

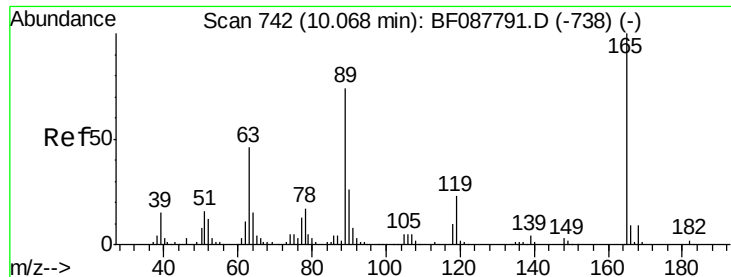


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

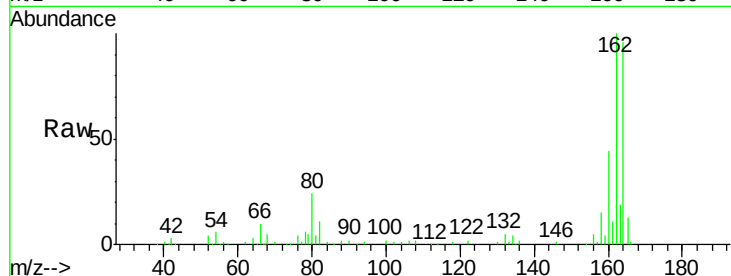




#56
 2,4-Dinitrotoluene
 Concen: 5.77 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.23 min
 Lab File: BF088316.D
 Acq: 24 Jun 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tgt Ion:	165	Resp:	17411
Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

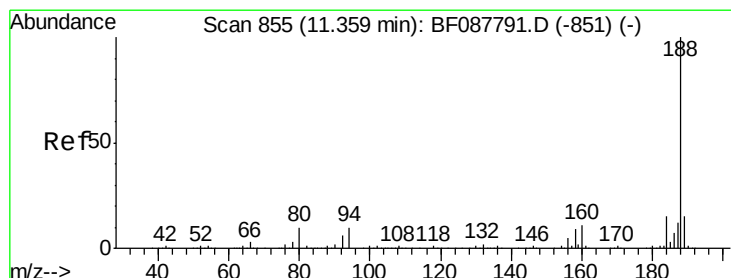
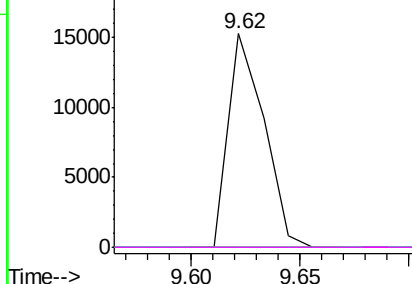
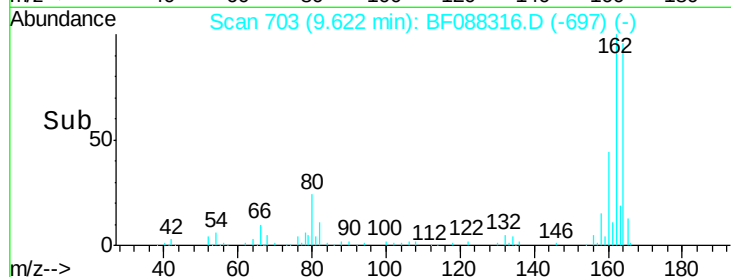


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

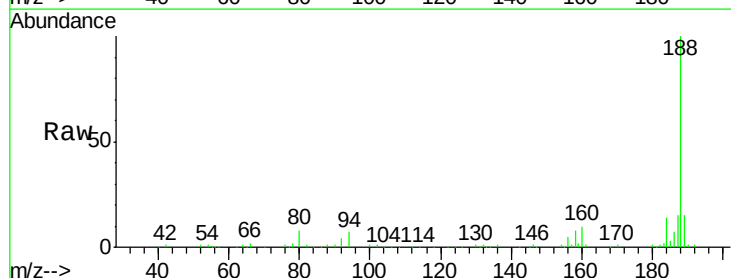
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF088316.D
 Acq: 24 Jun 2016 5:40

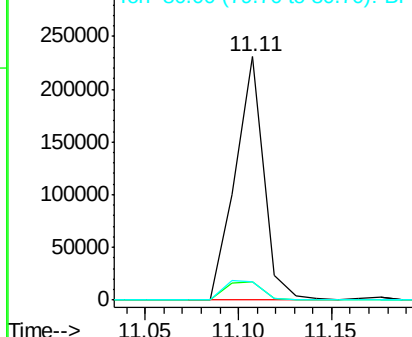
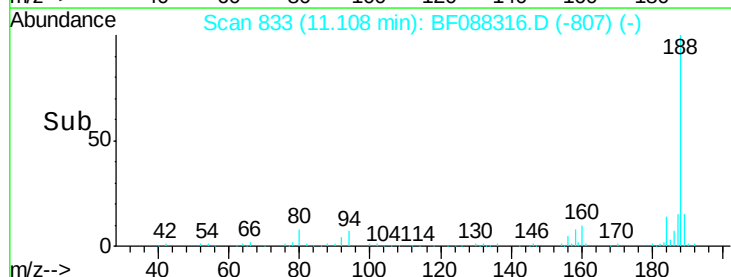
Tgt Ion:	188	Resp:	246391
Ion	Ratio	Lower	Upper
188	100		
94	7.4	9.0	13.6#
80	7.7	10.0	15.0#

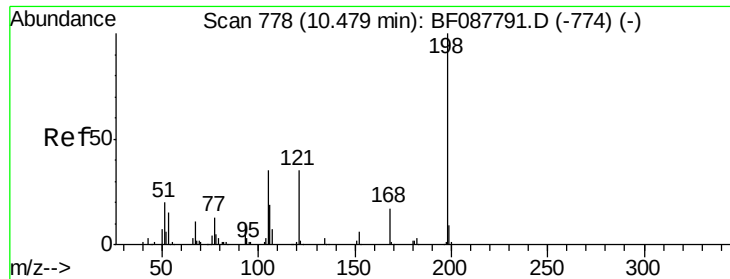


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

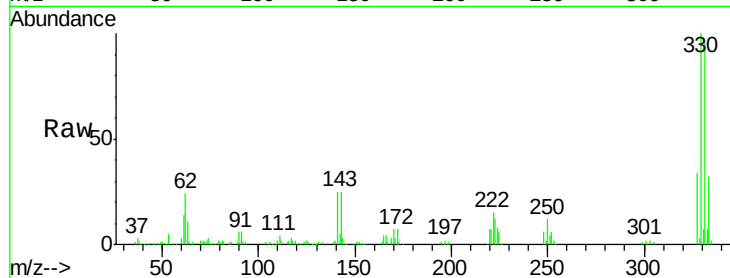




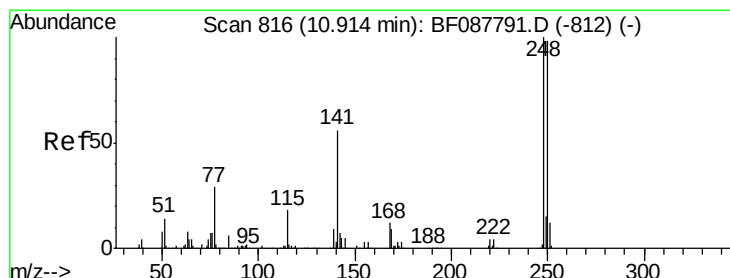
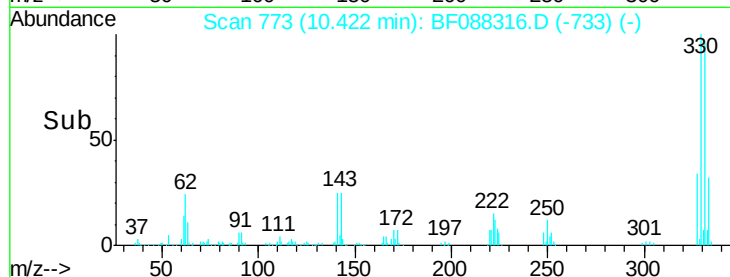
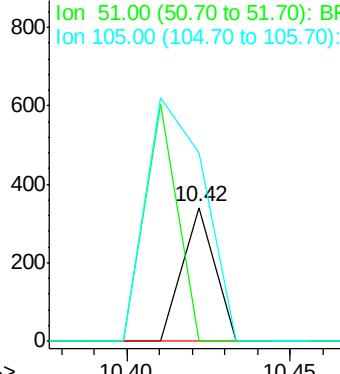
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.31 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.16 min
 Lab File: BF088316.D
 Acq: 24 Jun 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tgt Ion:198 Resp: 234
 Ion Ratio Lower Upper
 198 100
 51 0.0 39.6 79.6#
 105 140.5 36.6 76.6#

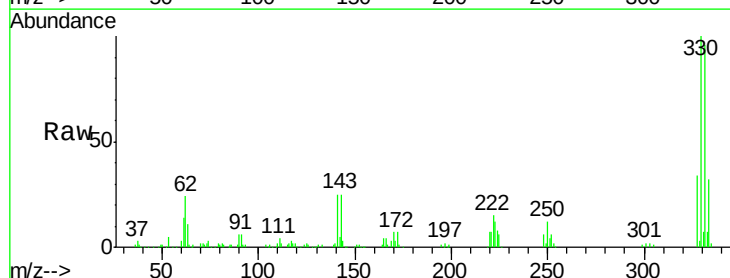


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

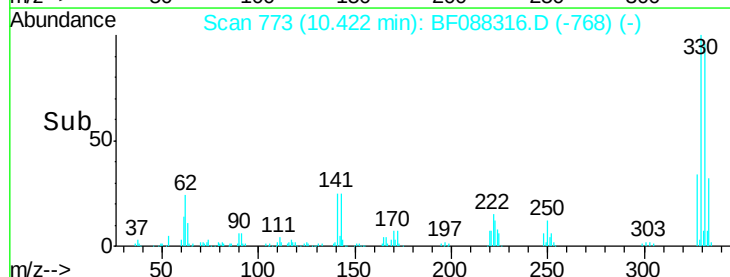
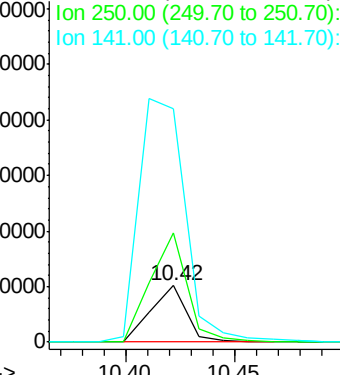


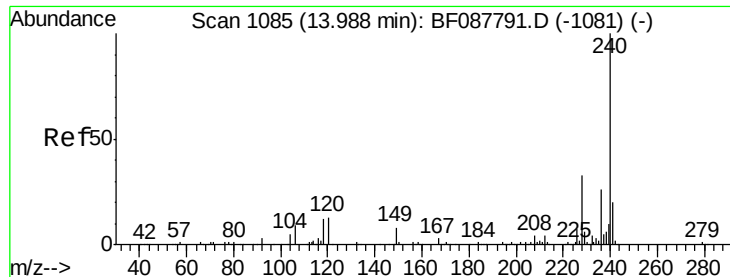
#66
 4-Bromophenyl-phenylether
 Concen: 4.38 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.24 min
 Lab File: BF088316.D
 Acq: 24 Jun 2016 5:40

Tgt Ion:248 Resp: 11578
 Ion Ratio Lower Upper
 248 100
 250 194.7 77.1 115.7#
 141 416.0 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: 13.73 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BF088316.D

Acq: 24 Jun 2016 5:40

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

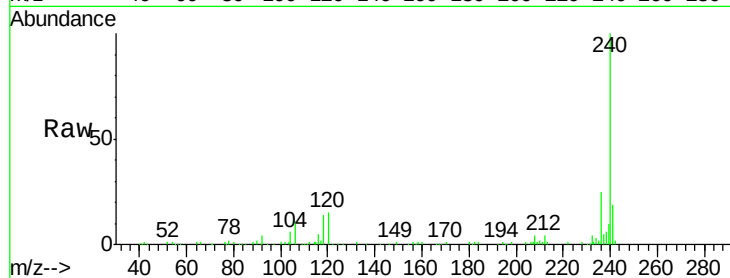
Tgt Ion:240 Resp: 169558

Ion Ratio Lower Upper

240 100

120 15.2 6.8 10.2#

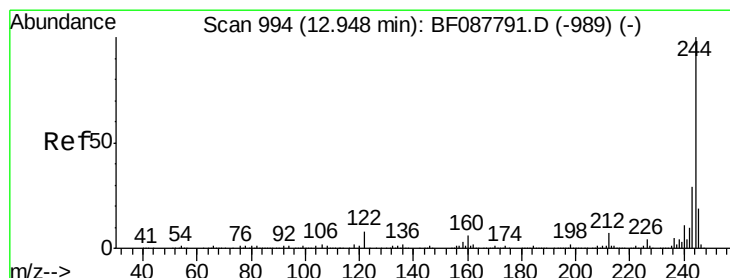
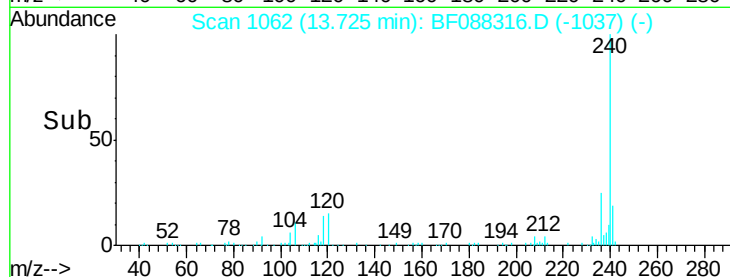
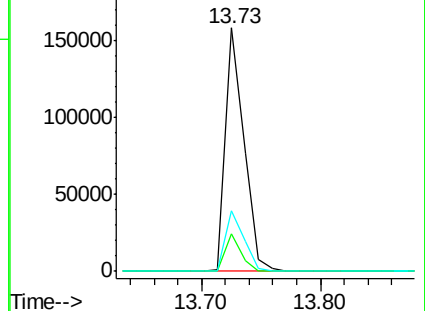
236 25.1 20.2 30.2



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: 78.39 ng

RT: 12.68 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF088316.D

Acq: 24 Jun 2016 5:40

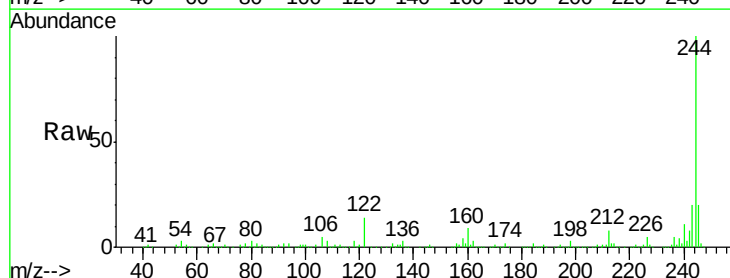
Tgt Ion:244 Resp: 584089

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

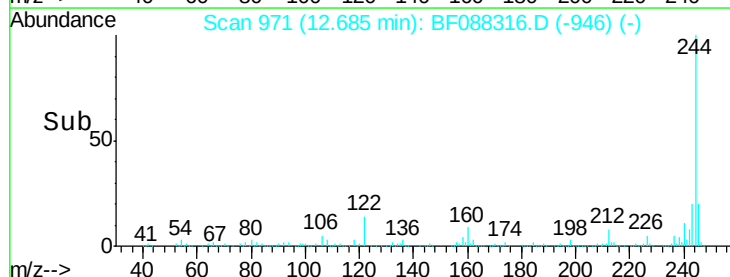
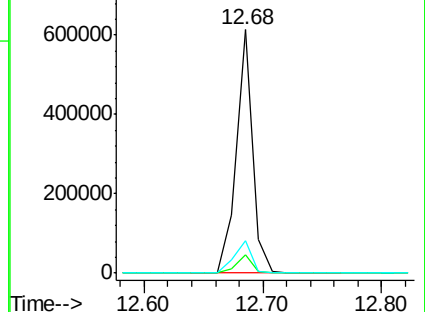
122 13.6 11.2 16.8

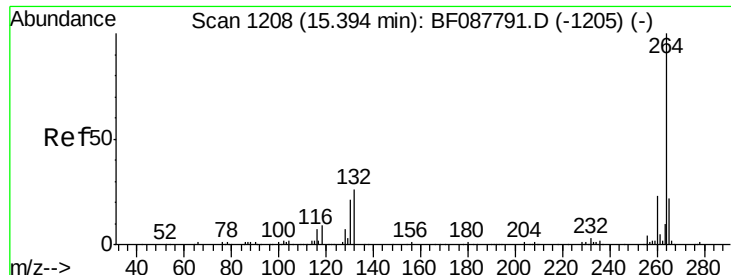


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

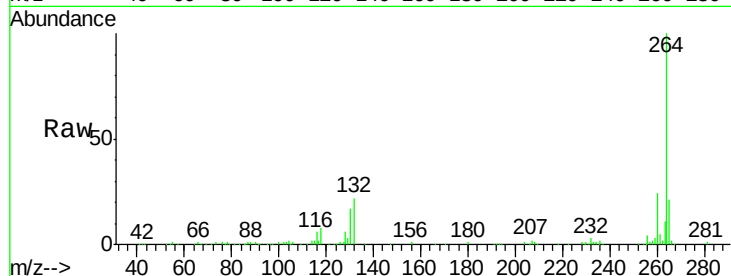




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF088316.D
Acq: 24 Jun 2016 5:40

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion: 264 Resp: 157083
Ion Ratio Lower Upper
264 100
260 23.8 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

