

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
 Data File : BF088188.D
 Acq On : 20 Jun 2016 23:19
 Operator : UM/SJ
 Sample : PB91471BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91325BL

Quant Time: Jun 21 01:06:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

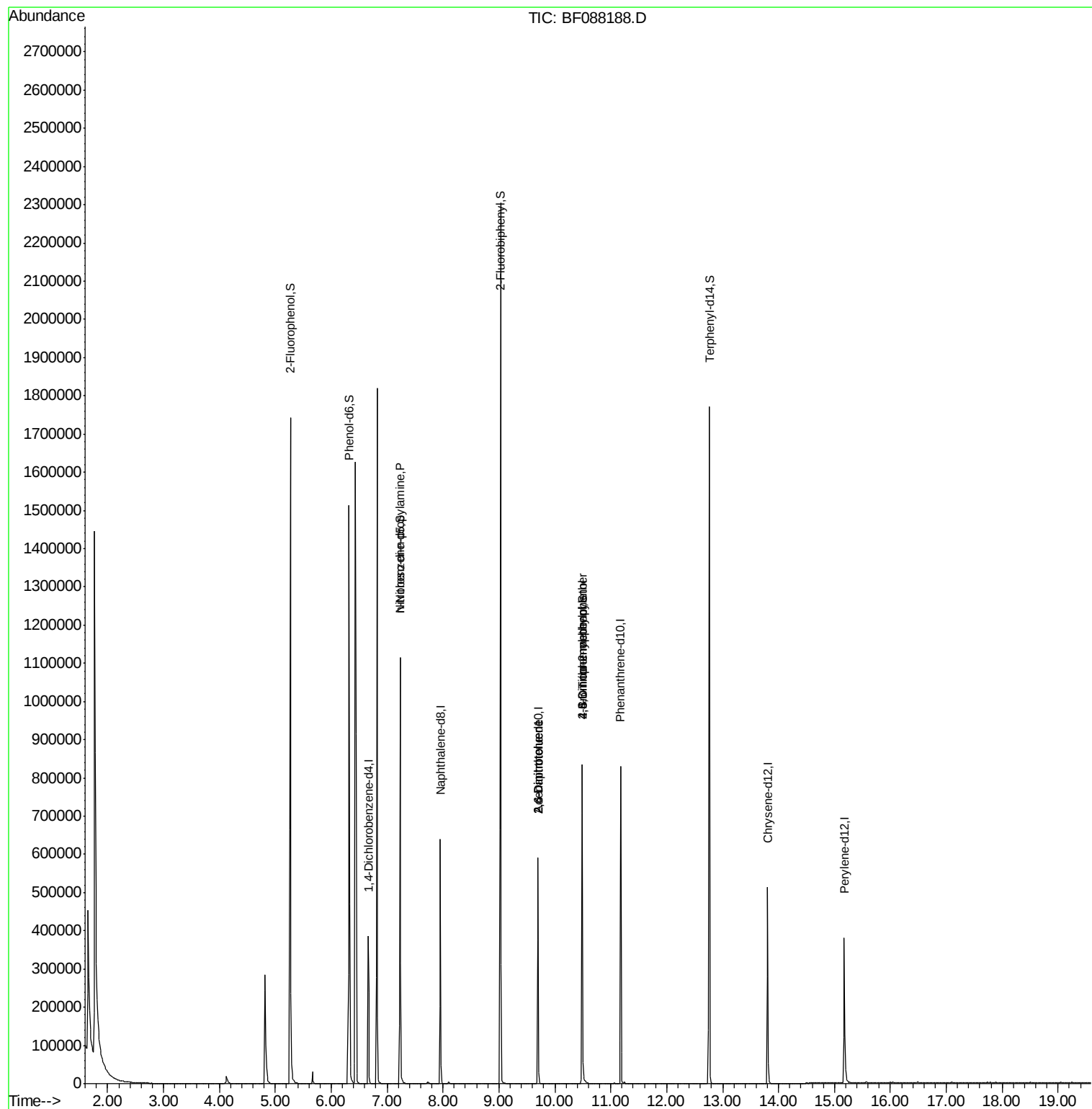
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	79361	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	326880	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	151695	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	289915	20.00	ng	0.00
75) Chrysene-d12	13.81	240	217451	20.00	ng	0.00
86) Perylene-d12	15.18	264	173743	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	594052	127.97	ng	0.01
7) Phenol-d6	6.32	99	652968	116.06	ng	-0.01
23) Nitrobenzene-d5	7.23	82	397450	71.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	158710	99.09	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	784871	81.02	ng	-0.01
78) Terphenyl-d14	12.77	244	839903	87.89	ng	0.00
Target Compounds						
10) Phenol	6.43	94	1186	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.23	70	50681	14.08	ng	# 71
45) 1,1'-Biphenyl	9.03	154	1445	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.70	165	18957	7.53	ng	# 37
56) 2,4-Dinitrotoluene	9.70	165	18957	5.86	ng	# 36
57) Fluorene	10.48	166	7620	Below Cal	#	90
64) 4,6-Dinitro-2-methylphenol	10.49	198	212	2.27	ng	# 19
66) 4-Bromophenyl-phenylether	10.49	248	9728	3.13	ng	# 1

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

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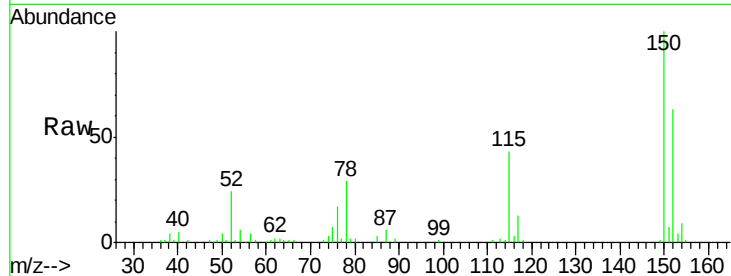




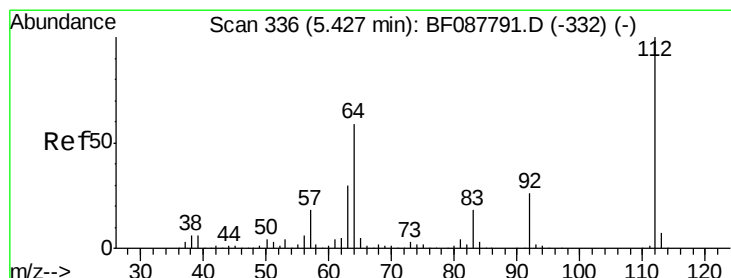
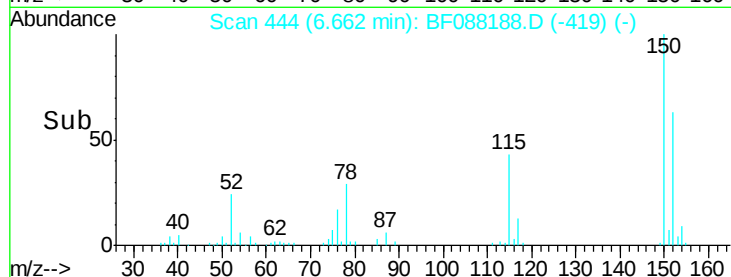
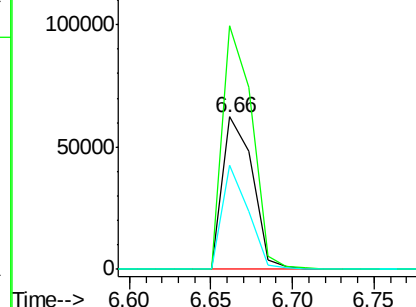
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF088188.D
 Acq: 20 Jun 2016 23:19

Instrument :
 BNA_F
 ClientSampleId :
 PB91325BL

Tgt Ion:152 Resp: 79361
 Ion Ratio Lower Upper
 152 100
 150 159.9 123.8 185.6
 115 68.2 39.6 59.4#

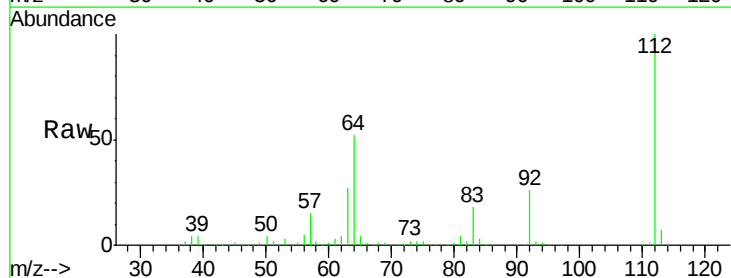


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

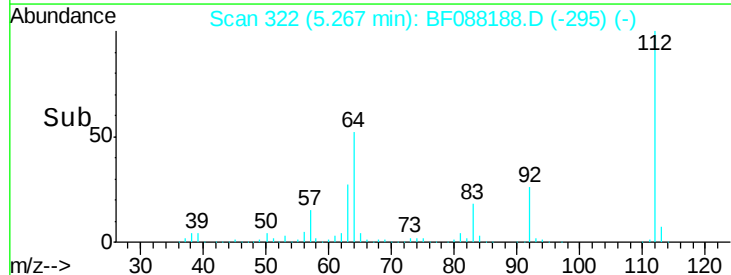
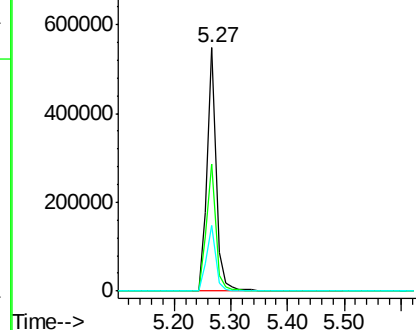


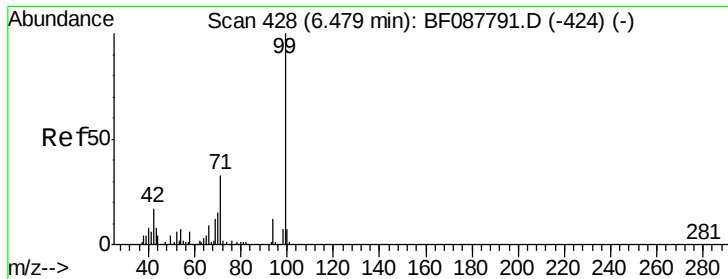
#5
 2-Fluorophenol
 Concen: 127.97 ng
 RT: 5.27 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: BF088188.D
 Acq: 20 Jun 2016 23:19

Tgt Ion:112 Resp: 594052
 Ion Ratio Lower Upper
 112 100
 64 52.3 42.2 63.2
 63 26.9 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: 116.06 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088188.D

Acq: 20 Jun 2016 23:19

Instrument :

BNA_F

ClientSampleId :

PB91325BL

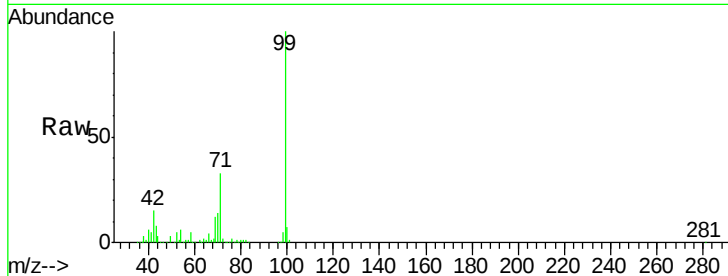
Tgt Ion: 99 Resp: 652968

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

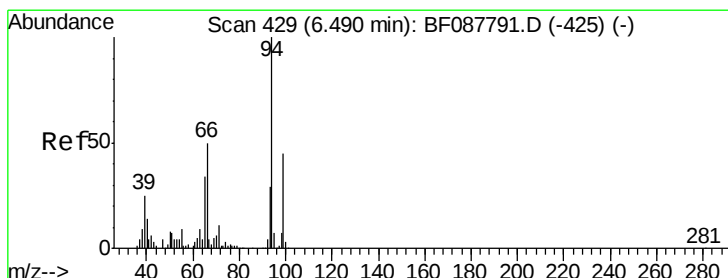
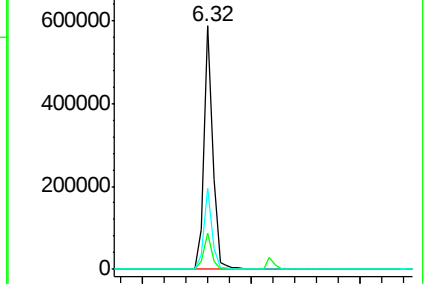
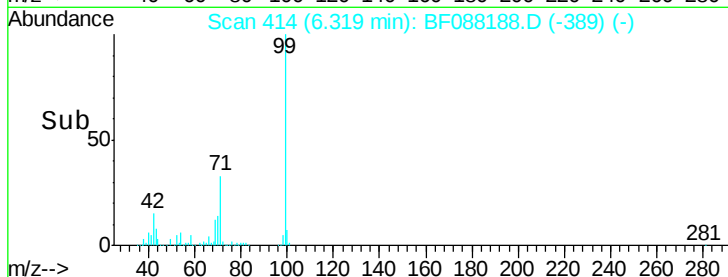
71 33.3 23.4 35.0



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



#10

Phenol

Concen: Below Cal

RT: 6.43 min Scan# 424

Delta R.T. 0.09 min

Lab File: BF088188.D

Acq: 20 Jun 2016 23:19

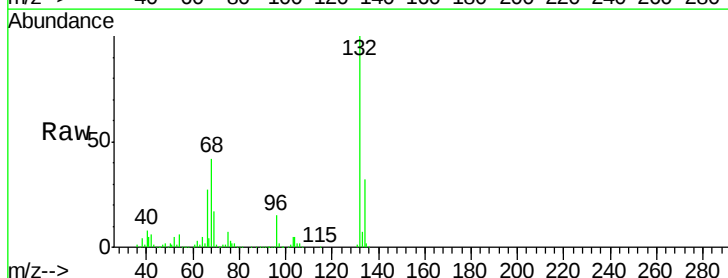
Tgt Ion: 94 Resp: 1186

Ion Ratio Lower Upper

94 100

65 821.4 5.9 45.9#

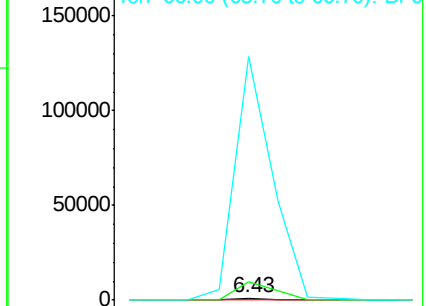
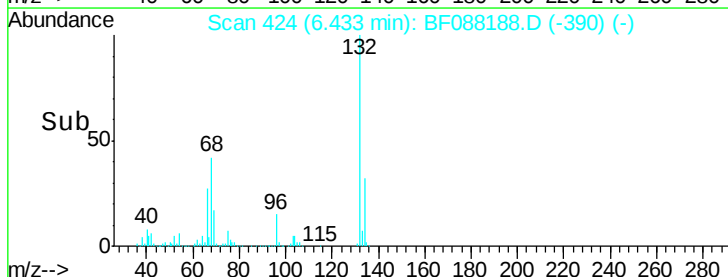
66 10928.6 14.0 54.0#

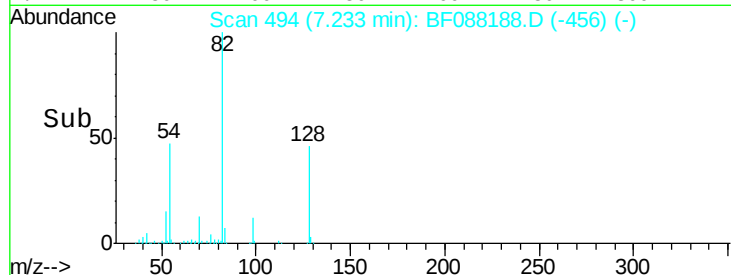
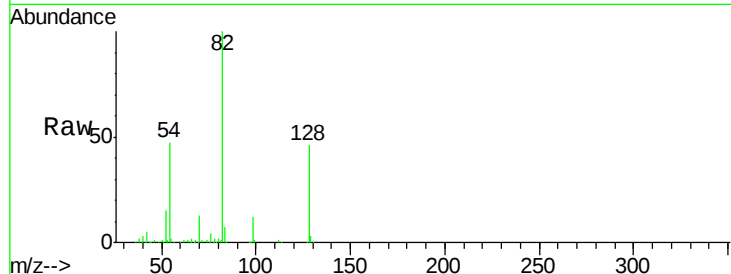


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

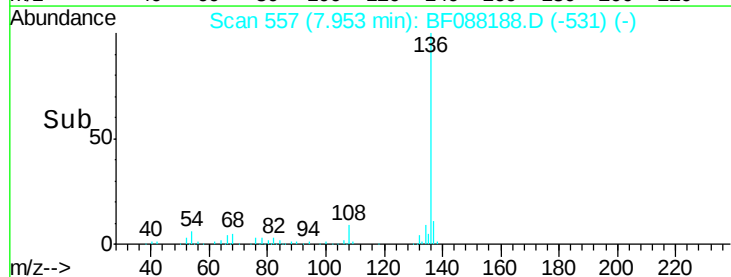
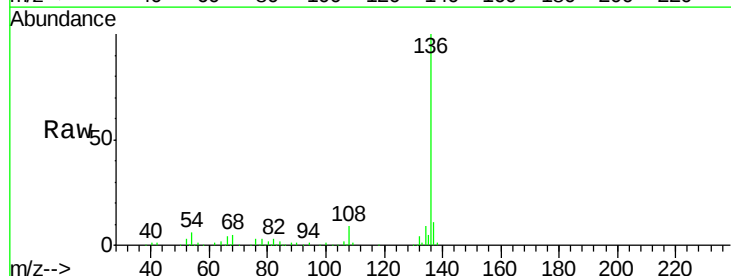
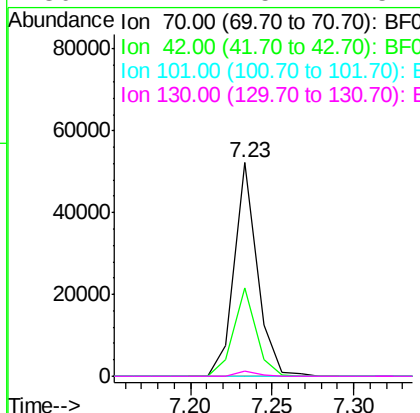




#19
n-Nitroso-di-n-propylamine
Concen: 14.08 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.14 min
Lab File: BF088188.D
Acq: 20 Jun 2016 23:19

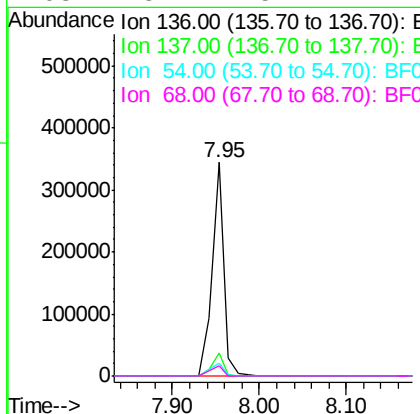
Instrument :
BNA_F
ClientSampleId :
PB91325BL

Tgt Ion: 70 Resp: 50681
Ion Ratio Lower Upper
70 100
42 41.4 49.6 74.4#
101 0.0 7.1 10.7#
130 2.2 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF088188.D
Acq: 20 Jun 2016 23:19

Tgt Ion: 136 Resp: 326880
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 5.8 6.6 10.0#
68 5.1 5.1 7.7#

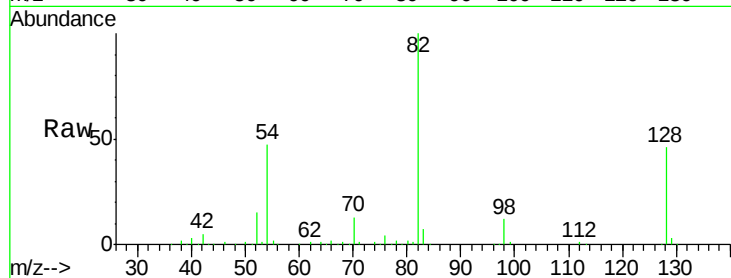




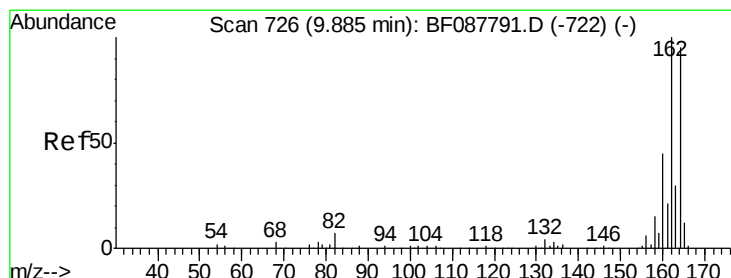
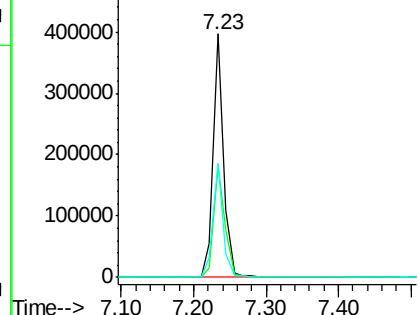
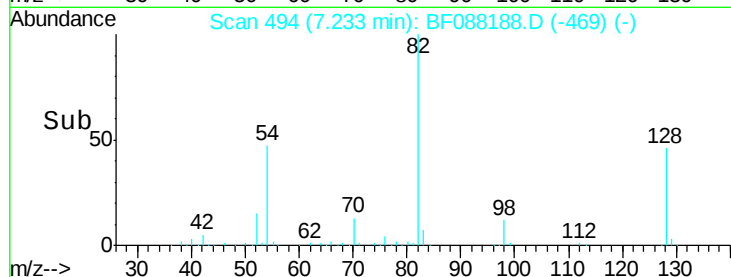
#23
 Nitrobenzene-d5
 Concen: 71.00 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF088188.D
 Acq: 20 Jun 2016 23:19

Instrument :
 BNA_F
 ClientSampleId :
 PB91325BL

Tgt Ion: 82 Resp: 397450
 Ion Ratio Lower Upper
 82 100
 128 46.0 35.9 53.9
 54 46.8 40.9 61.3

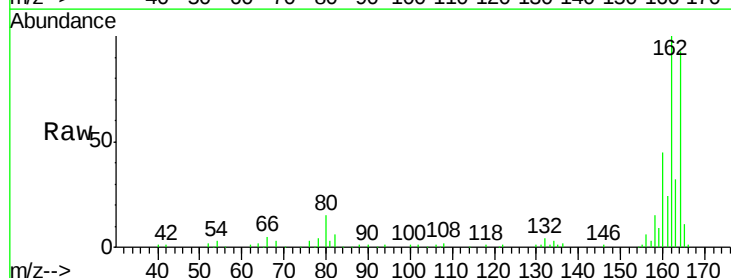


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

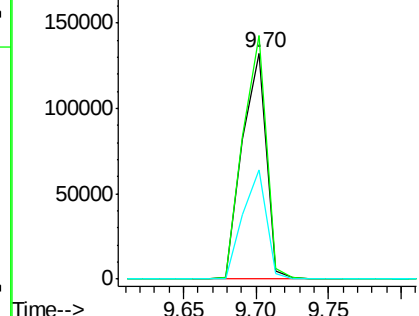
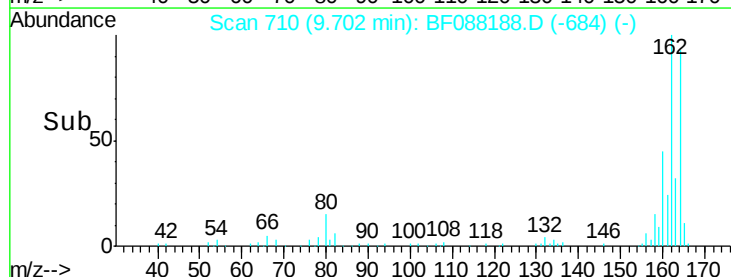


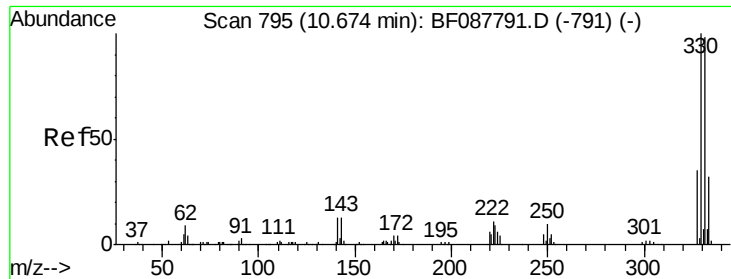
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF088188.D
 Acq: 20 Jun 2016 23:19

Tgt Ion: 164 Resp: 151695
 Ion Ratio Lower Upper
 164 100
 162 107.6 85.4 128.2
 160 48.2 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

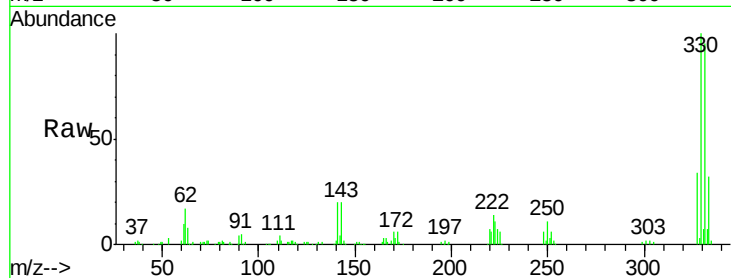




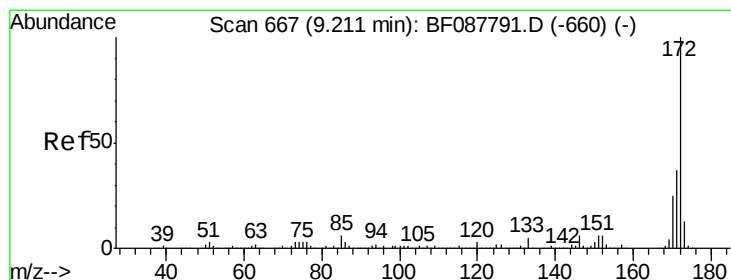
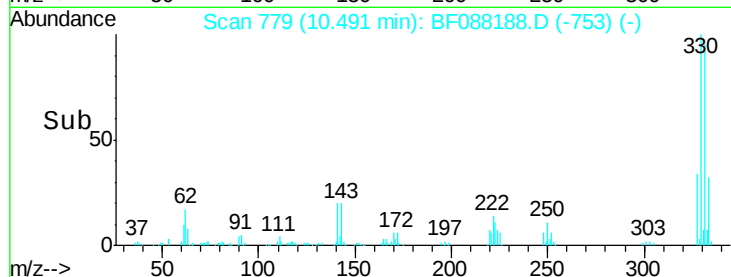
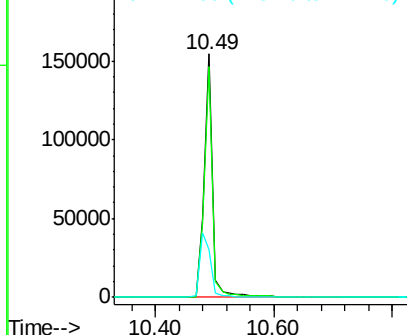
#41
 2,4,6-Tribromophenol
 Concen: 99.09 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088188.D
 Acq: 20 Jun 2016 23:19

Instrument :
 BNA_F
 ClientSampleId :
 PB91325BL

Tgt Ion: 330 Resp: 158710
 Ion Ratio Lower Upper
 330 100
 332 95.0 0.0 0.0#
 141 34.1 0.0 0.0#

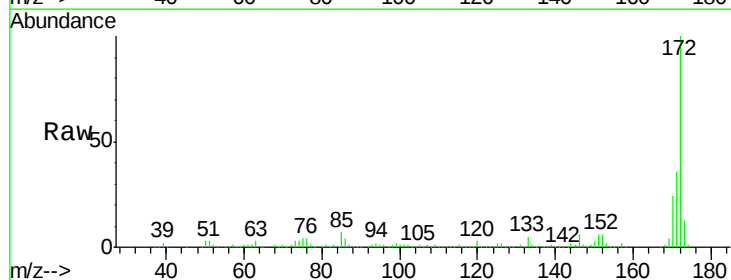


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

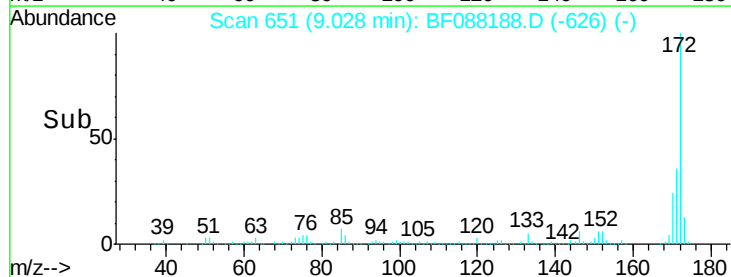
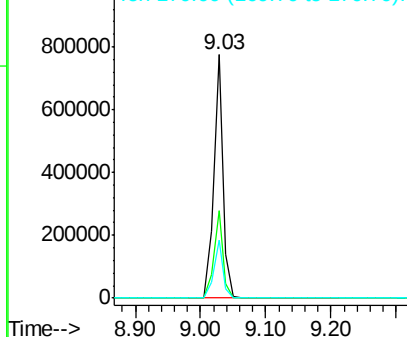


#44
 2-Fluorobiphenyl
 Concen: 81.02 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088188.D
 Acq: 20 Jun 2016 23:19

Tgt Ion: 172 Resp: 784871
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 24.0 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: 9.03 min Scan# 651

Delta R.T. -0.10 min

Lab File: BF088188.D

Acq: 20 Jun 2016 23:19

Instrument :

BNA_F

ClientSampleId :

PB91325BL

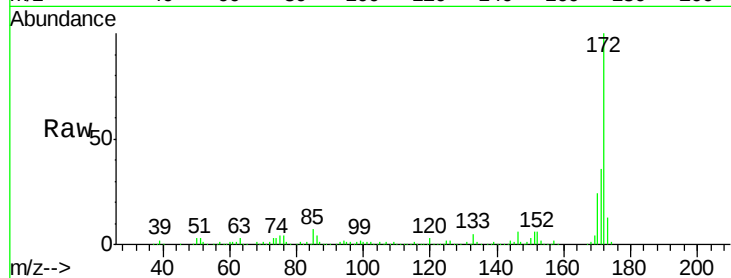
Tgt Ion:154 Resp: 1445

Ion Ratio Lower Upper

154 100

153 930.4 20.6 60.6#

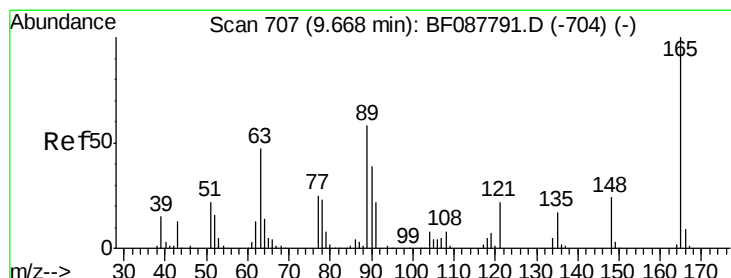
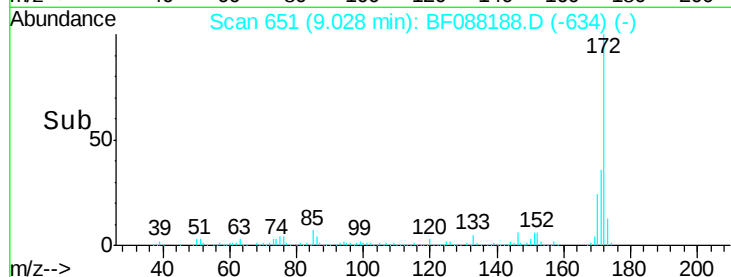
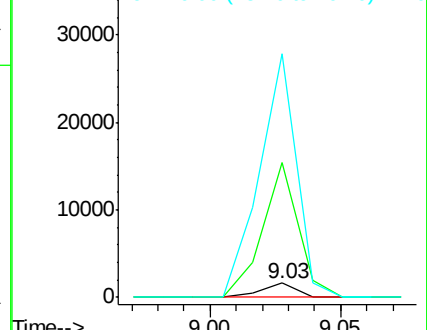
76 1686.8 0.0 35.1#



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



#50

2,6-Dinitrotoluene

Concen: 7.53 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.19 min

Lab File: BF088188.D

Acq: 20 Jun 2016 23:19

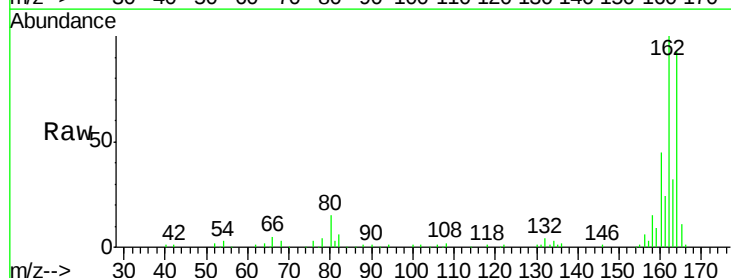
Tgt Ion:165 Resp: 18957

Ion Ratio Lower Upper

165 100

63 0.0 28.1 42.1#

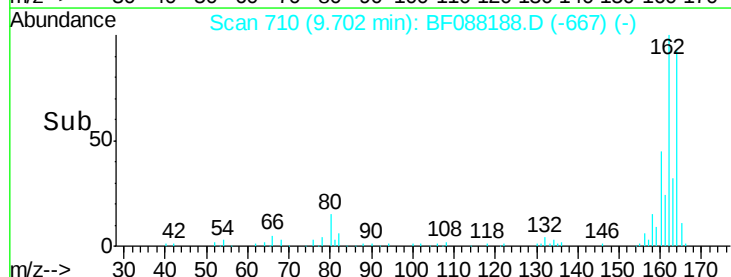
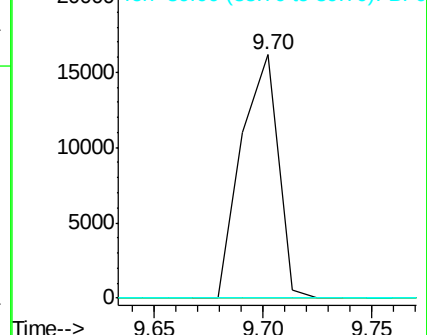
89 0.0 32.2 48.2#



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

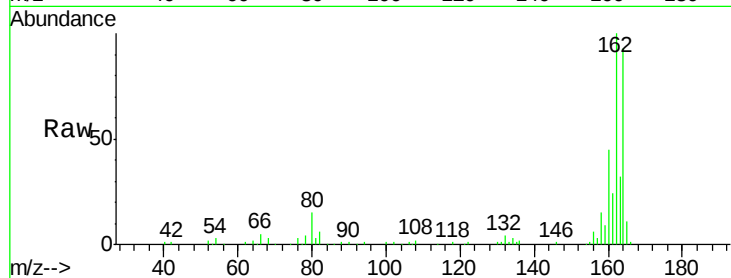




#56
2,4-Dinitrotoluene
Concen: 5.86 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.21 min
Lab File: BF088188.D
Acq: 20 Jun 2016 23:19

Instrument :
BNA_F
ClientSampleId :
PB91325BL

Tgt 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#

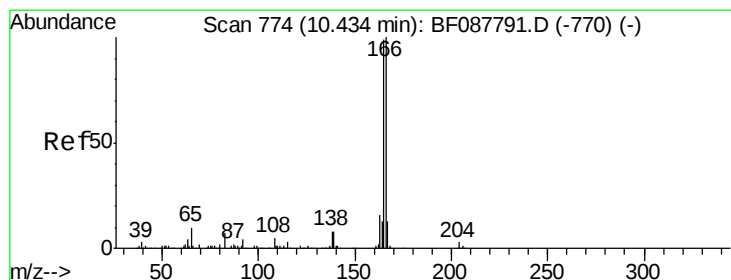
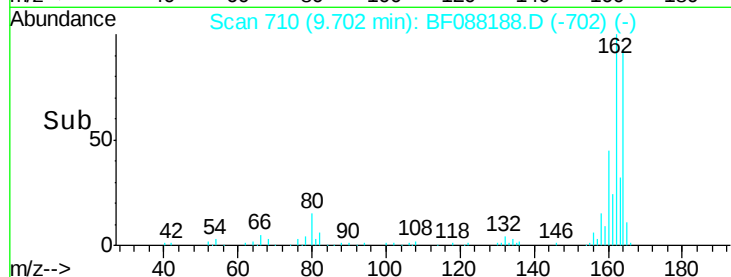
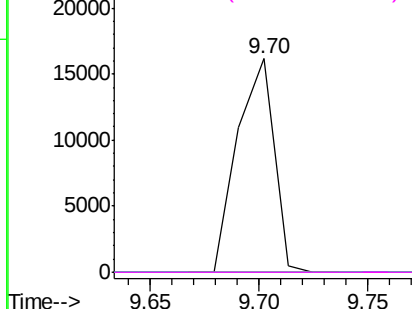


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

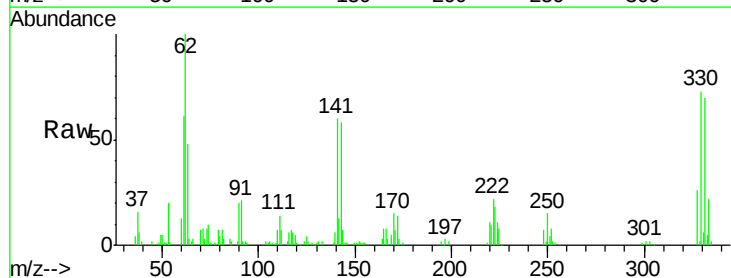
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: Below Cal
RT: 10.48 min Scan# 778
Delta R.T. 0.23 min
Lab File: BF088188.D
Acq: 20 Jun 2016 23:19

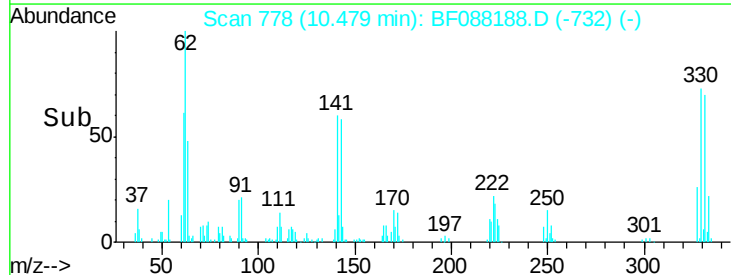
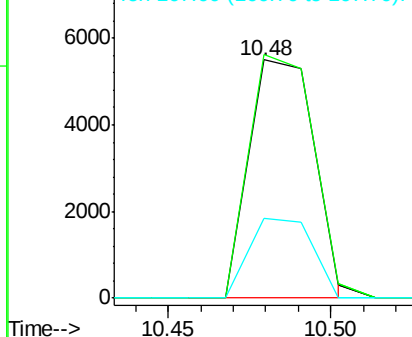
Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.3	77.8	116.8
167	33.5	11.2	16.8#

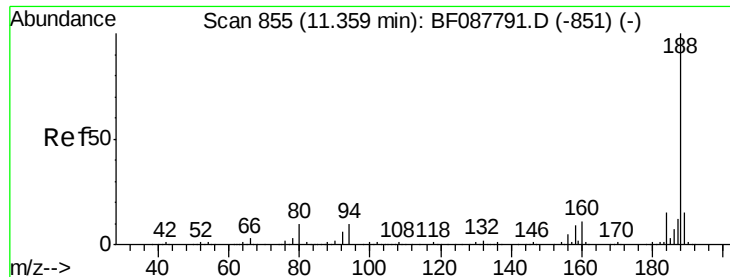


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

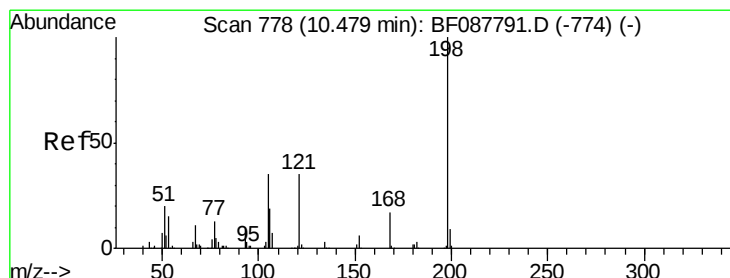
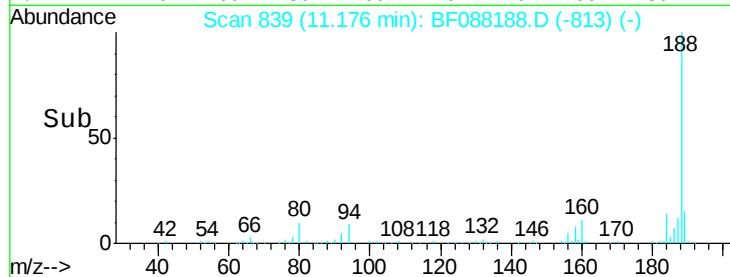
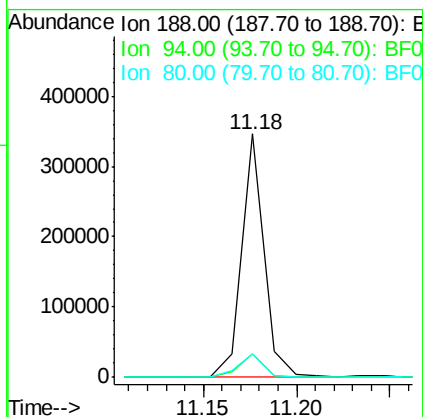
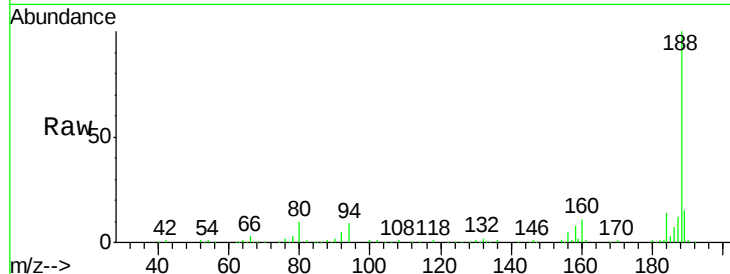




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.18 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF088188.D
 Acq: 20 Jun 2016 23:19

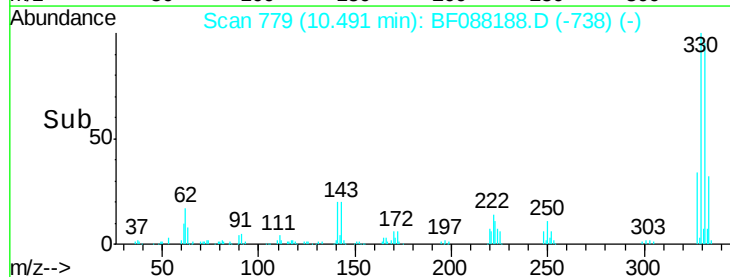
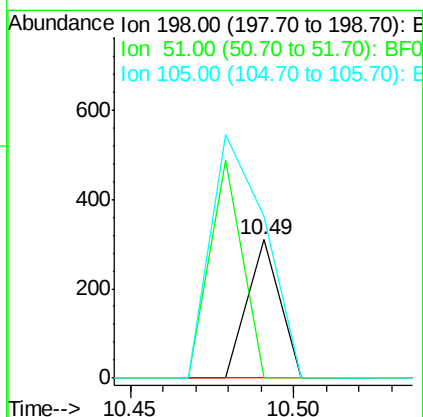
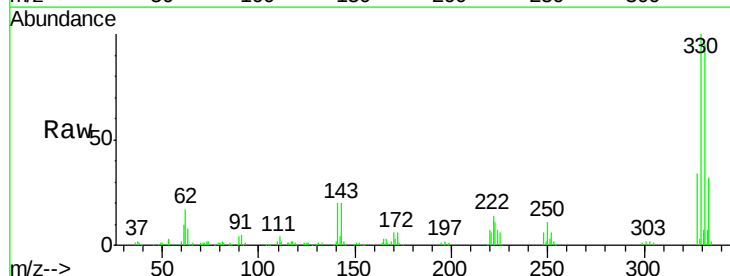
Instrument :
 BNA_F
 ClientSampleId :
 PB91325BL

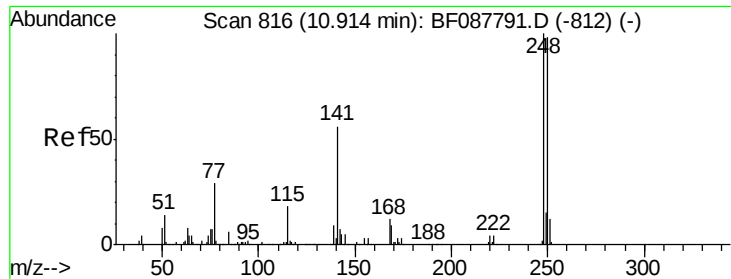
Tgt Ion:188 Resp: 289915
 Ion Ratio Lower Upper
 188 100
 94 9.4 9.0 13.6
 80 9.7 10.0 15.0#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.27 ng
 RT: 10.49 min Scan# 779
 Delta R.T. 0.17 min
 Lab File: BF088188.D
 Acq: 20 Jun 2016 23:19

Tgt Ion:198 Resp: 212
 Ion Ratio Lower Upper
 198 100
 51 0.0 39.6 79.6#
 105 117.5 36.6 76.6#

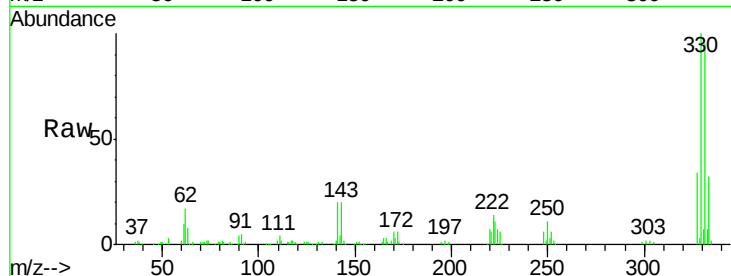




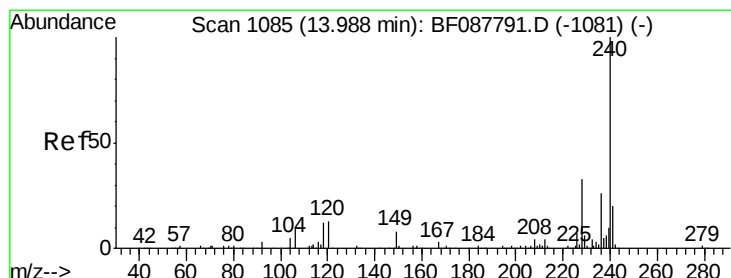
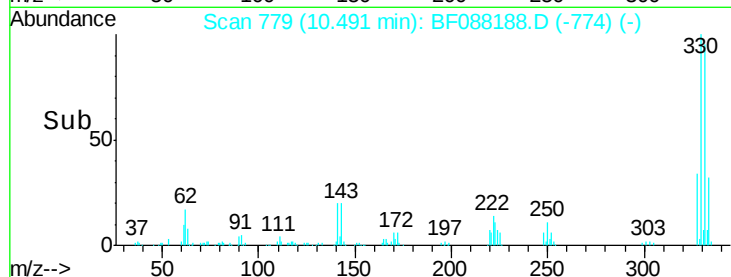
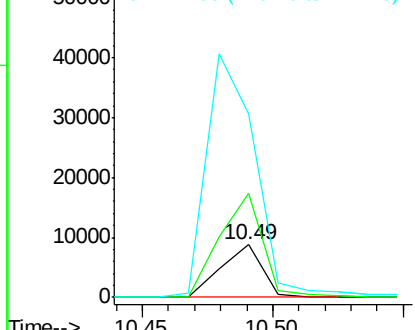
#66
4-Bromophenyl-phenylether
Concen: 3.13 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.24 min
Lab File: BF088188.D
Acq: 20 Jun 2016 23:19

Instrument :
BNA_F
ClientSampled :
PB91325BL

Tgt Ion:248 Resp: 9728
Ion Ratio Lower Upper
248 100
250 198.0 77.1 115.7#
141 347.3 50.6 76.0#

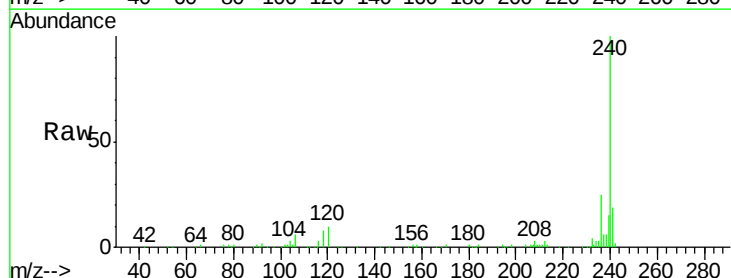


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

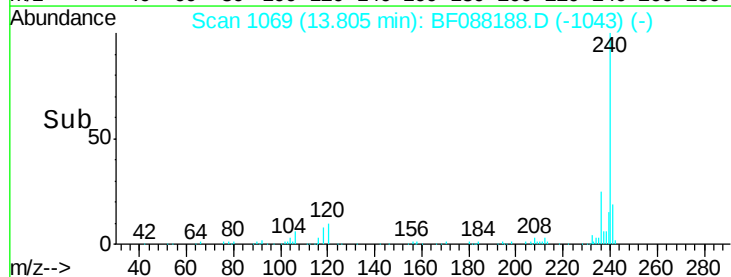
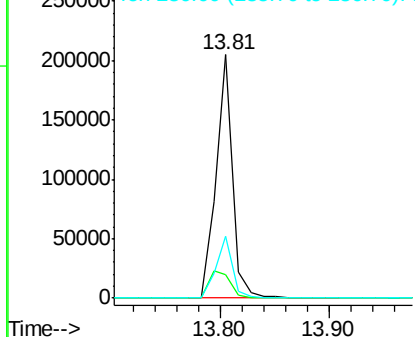


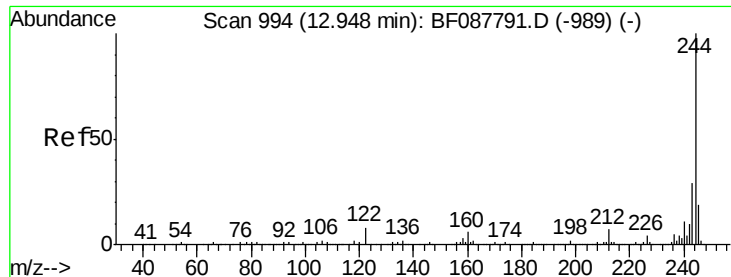
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BF088188.D
Acq: 20 Jun 2016 23:19

Tgt Ion:240 Resp: 217451
Ion Ratio Lower Upper
240 100
120 9.7 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

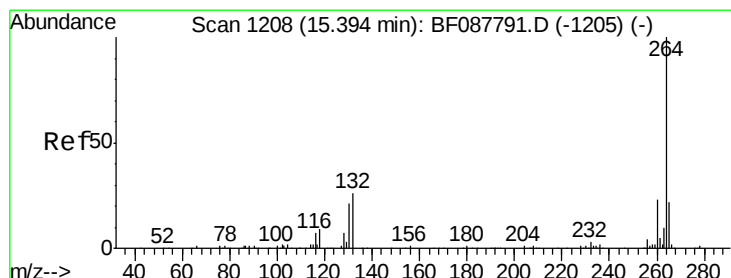
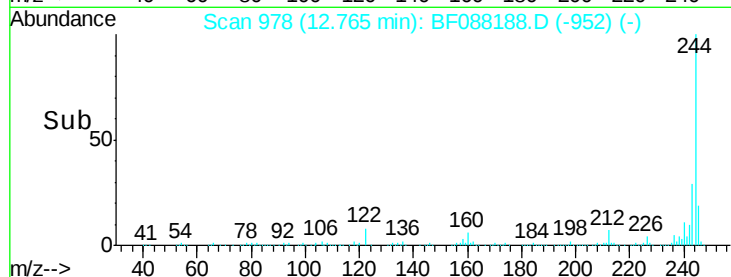
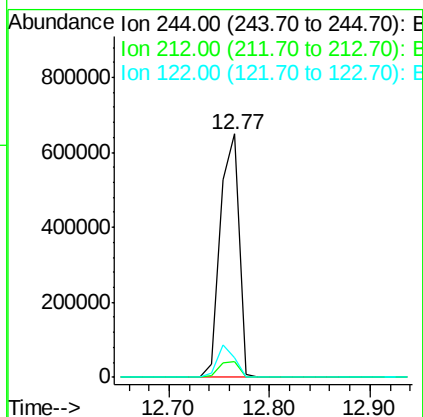
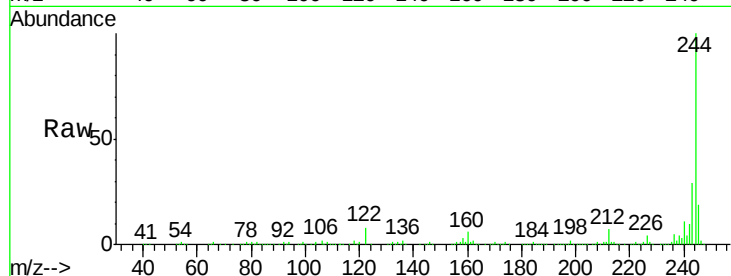




#78
 Terphenyl-d14
 Concen: 87.89 ng
 RT: 12.77 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF088188.D
 Acq: 20 Jun 2016 23:19

Instrument :
 BNA_F
 ClientSampleId :
 PB91325BL

Tgt Ion:244 Resp: 839903
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 7.8 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF088188.D
 Acq: 20 Jun 2016 23:19

Tgt Ion:264 Resp: 173743
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.7 16.9 25.3

