

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
 Data File : BF088181.D
 Acq On : 20 Jun 2016 19:55
 Operator : UM/SJ
 Sample : PB91406TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91406TB

Quant Time: Jun 21 01:02:40 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	111084	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	474235	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	222795	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	438368	20.00	ng	0.00
75) Chrysene-d12	13.81	240	373156	20.00	ng	0.00
86) Perylene-d12	15.18	264	277206	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	682099	104.97	ng	0.01
7) Phenol-d6	6.33	99	965214	122.57	ng	0.00
23) Nitrobenzene-d5	7.23	82	536481	66.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	213178	90.62	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1008326	70.13	ng	-0.01
78) Terphenyl-d14	12.77	244	1007646	61.45	ng	0.00

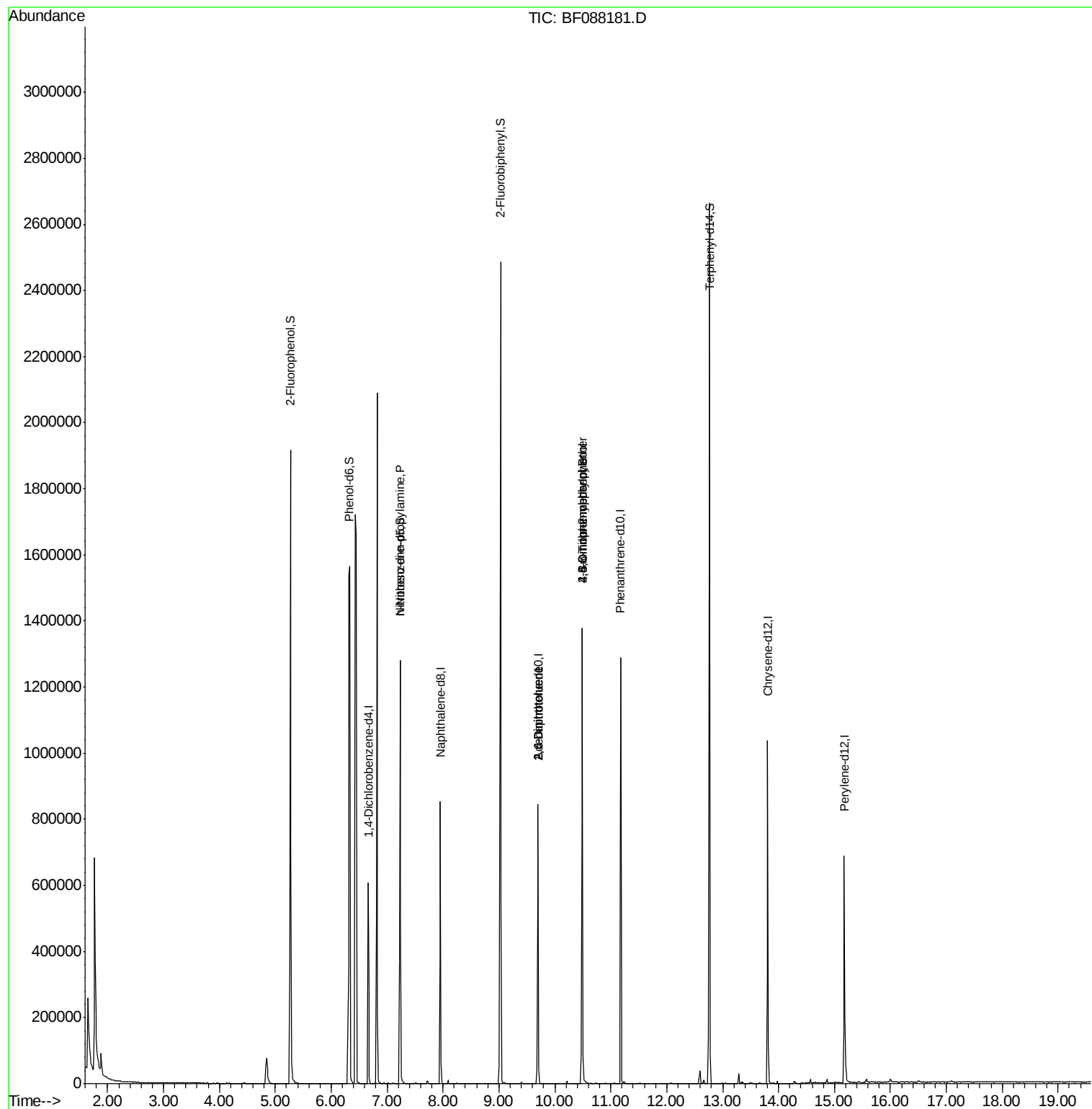
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.44	94	1306	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.23	70	68320	13.56	ng	71
45) 1,1'-Biphenyl	9.03	154	1784	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.70	165	28099	7.60	ng	38
56) 2,4-Dinitrotoluene	9.70	165	28099	5.92	ng	37
57) Fluorene	10.49	166	10524	Below Cal	#	89
64) 4,6-Dinitro-2-methylphenol	10.49	198	331	2.28	ng	11
66) 4-Bromophenyl-phenylether	10.49	248	13869	2.95	ng	1

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

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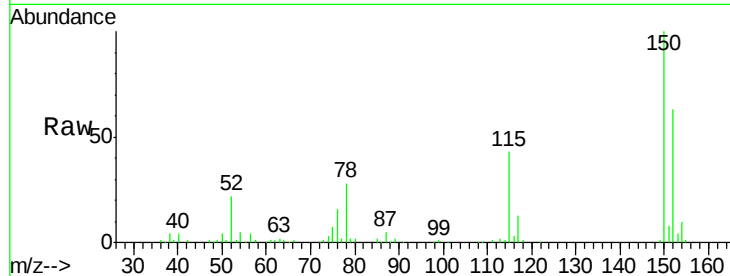




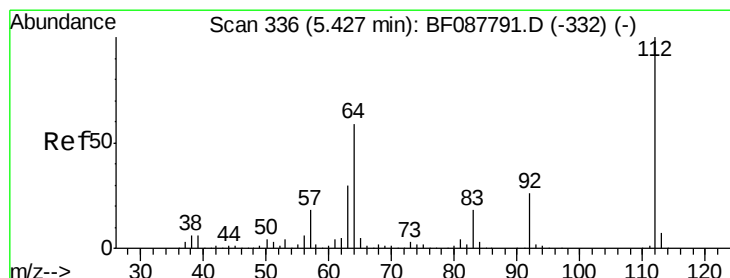
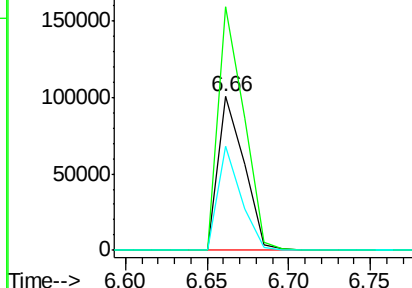
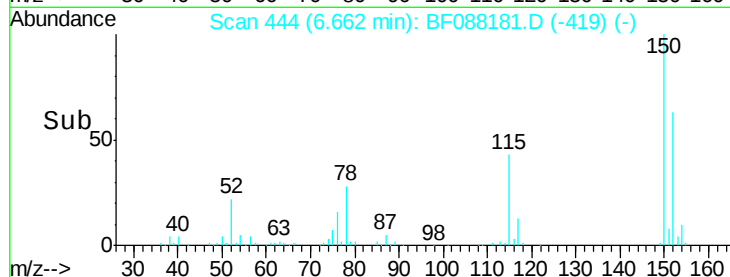
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF088181.D
 Acq: 20 Jun 2016 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB91406TB

Tgt Ion:152 Resp: 111084
 Ion Ratio Lower Upper
 152 100
 150 158.4 123.8 185.6
 115 67.5 39.6 59.4#

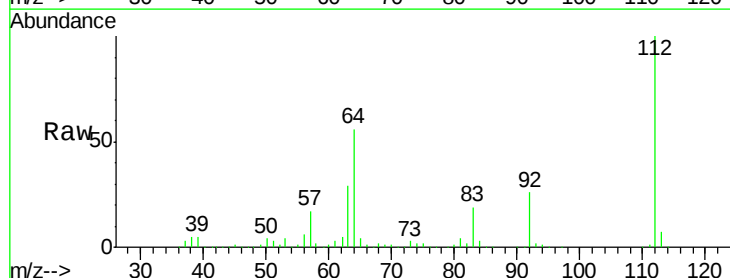


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

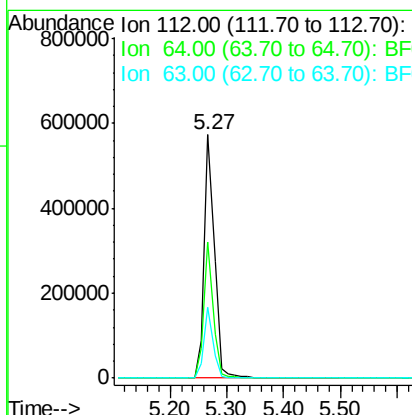
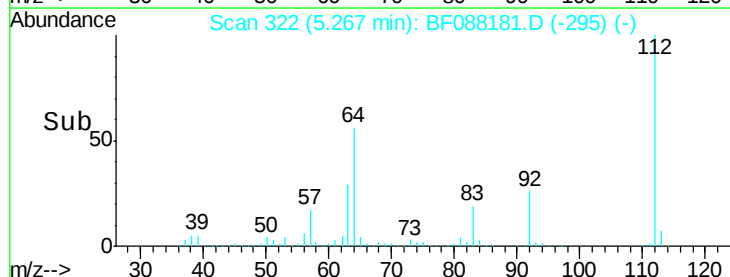


#5
 2-Fluorophenol
 Concen: 104.97 ng
 RT: 5.27 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: BF088181.D
 Acq: 20 Jun 2016 19:55

Tgt Ion:112 Resp: 682099
 Ion Ratio Lower Upper
 112 100
 64 56.0 42.2 63.2
 63 29.0 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: 122.57 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088181.D

Acq: 20 Jun 2016 19:55

Instrument :

BNA_F

ClientSampleId :

PB91406TB

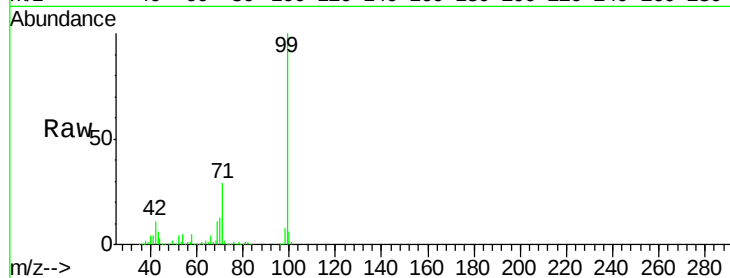
Tgt Ion: 99 Resp: 965214

Ion Ratio Lower Upper

99 100

42 11.3 12.2 18.2#

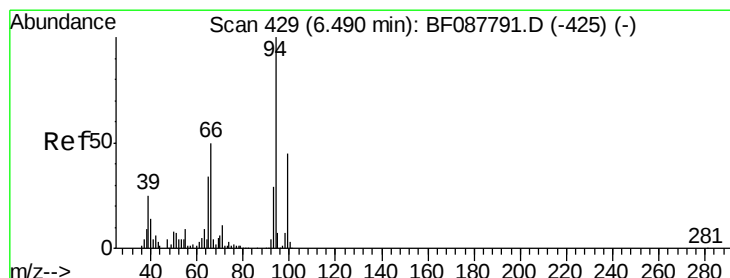
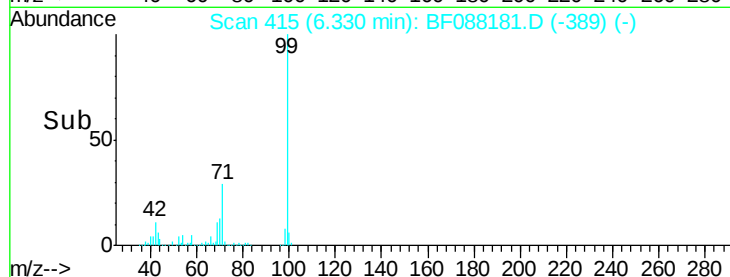
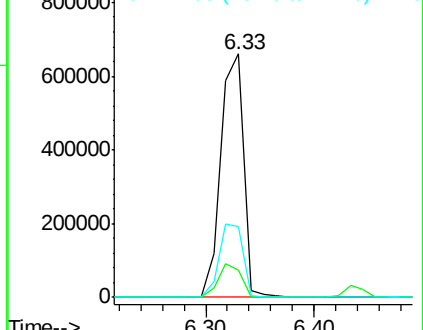
71 28.9 23.4 35.0



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: 6.44 min Scan# 425

Delta R.T. 0.10 min

Lab File: BF088181.D

Acq: 20 Jun 2016 19:55

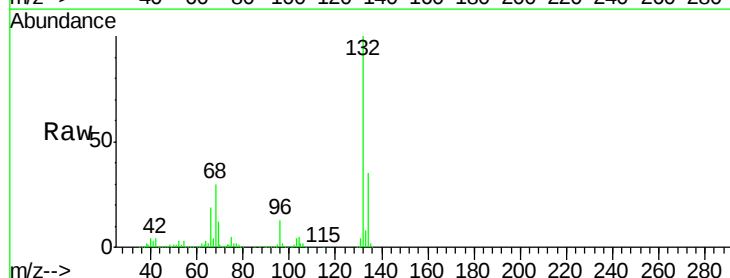
Tgt Ion: 94 Resp: 1306

Ion Ratio Lower Upper

94 100

65 1004.9 5.9 45.9#

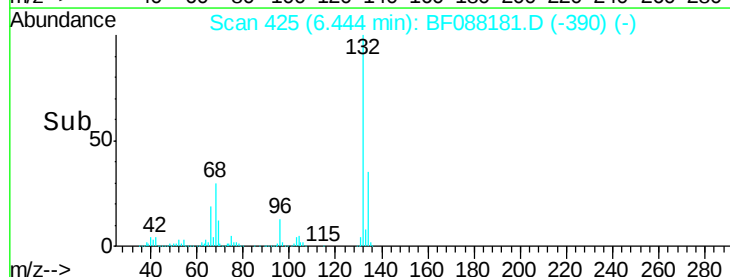
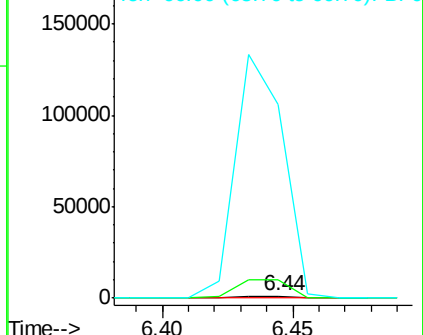
66 10928.4 14.0 54.0#

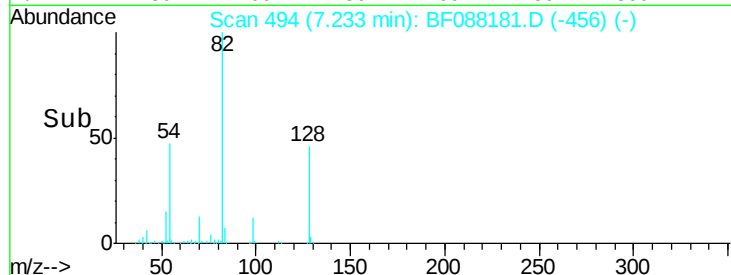
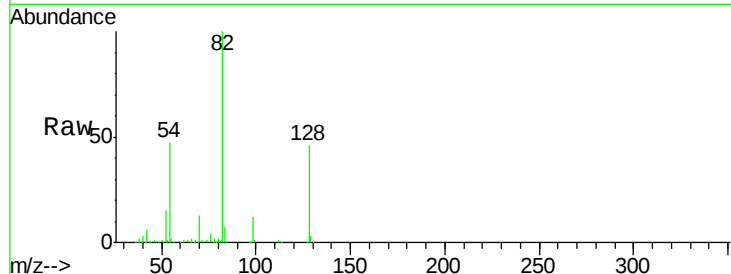


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

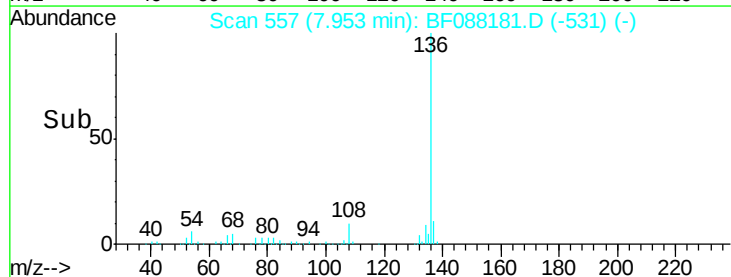
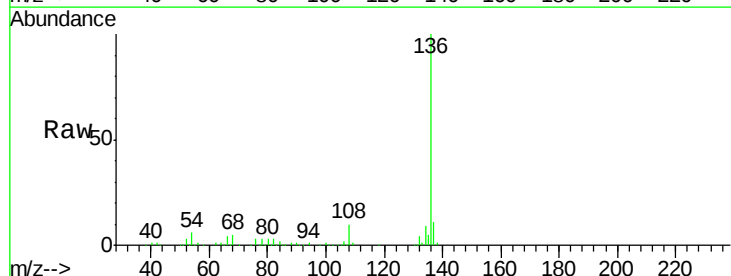
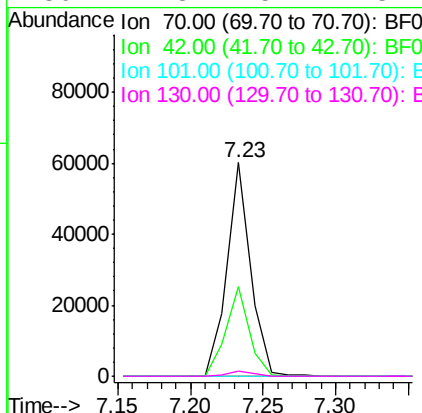




#19
n-Nitroso-di-n-propylamine
Concen: 13.56 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.14 min
Lab File: BF088181.D
Acq: 20 Jun 2016 19:55

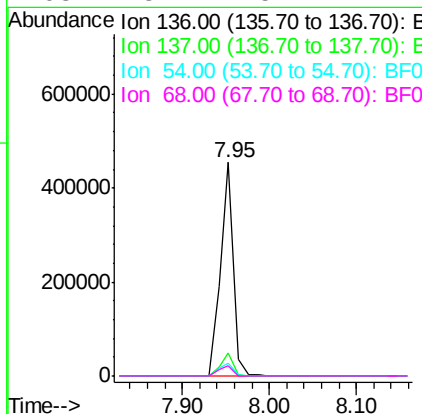
Instrument :
BNA_F
ClientSampleId :
PB91406TB

Tgt Ion: 70 Resp: 68320
Ion Ratio Lower Upper
70 100
42 41.8 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: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF088181.D
Acq: 20 Jun 2016 19:55

Tgt Ion: 136 Resp: 474235
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 5.9 6.6 10.0#
68 5.1 5.1 7.7#

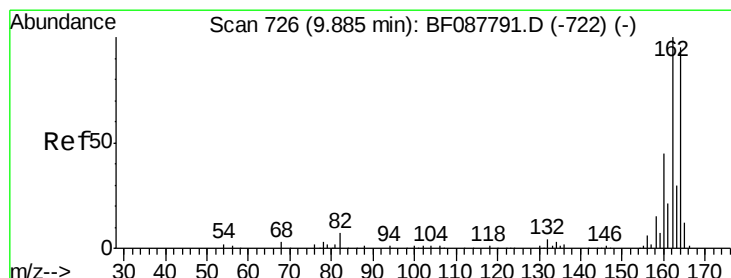
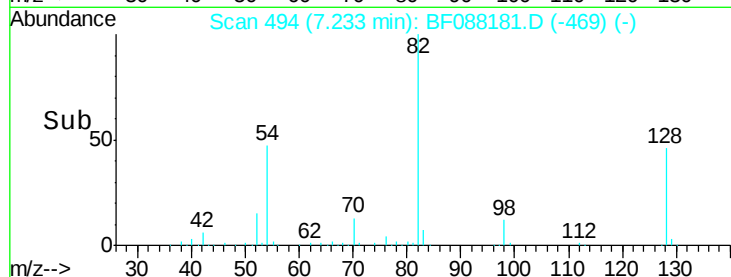
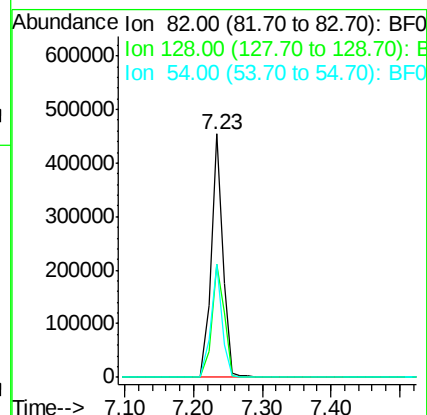
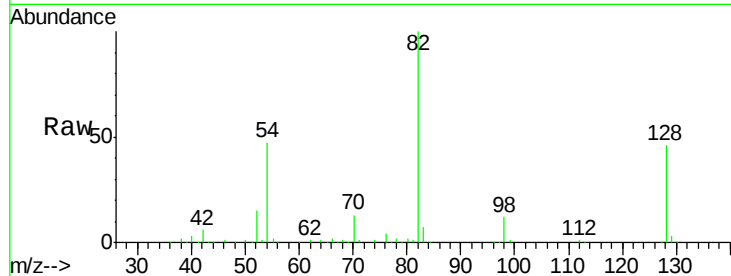




#23
 Nitrobenzene-d5
 Concen: 66.06 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF088181.D
 Acq: 20 Jun 2016 19:55

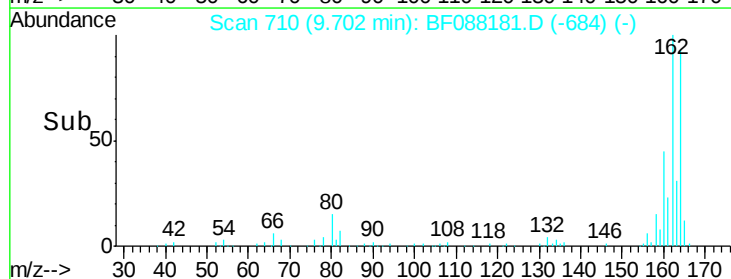
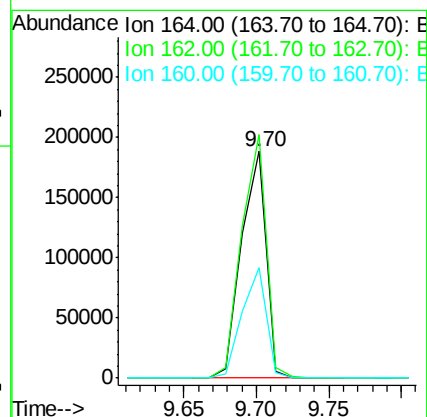
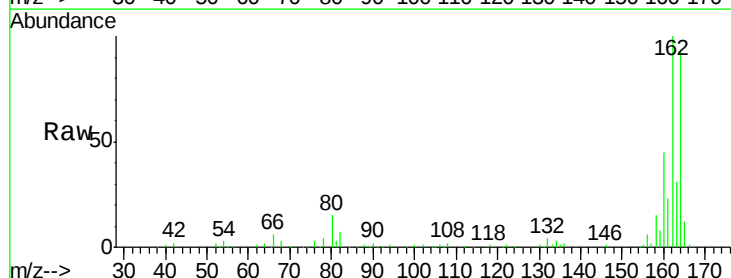
Instrument :
 BNA_F
 ClientSampleId :
 PB91406TB

Tgt Ion: 82 Resp: 536481
 Ion Ratio Lower Upper
 82 100
 128 46.4 35.9 53.9
 54 46.6 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF088181.D
 Acq: 20 Jun 2016 19:55

Tgt Ion: 164 Resp: 222795
 Ion Ratio Lower Upper
 164 100
 162 107.3 85.4 128.2
 160 48.6 39.5 59.3

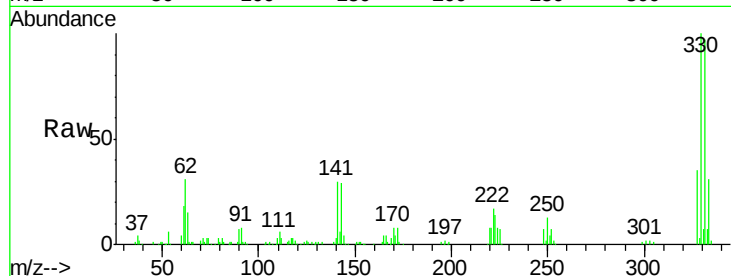




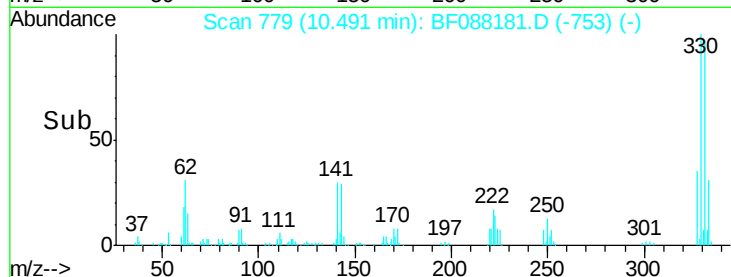
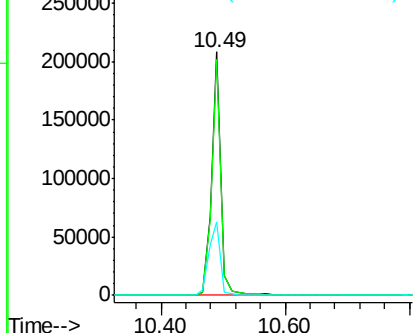
#41
 2,4,6-Tribromophenol
 Concen: 90.62 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088181.D
 Acq: 20 Jun 2016 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB91406TB

Tgt Ion:330 Resp: 213178
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 37.8 0.0 0.0#

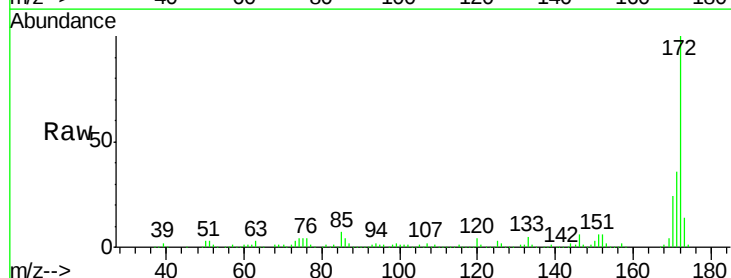


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

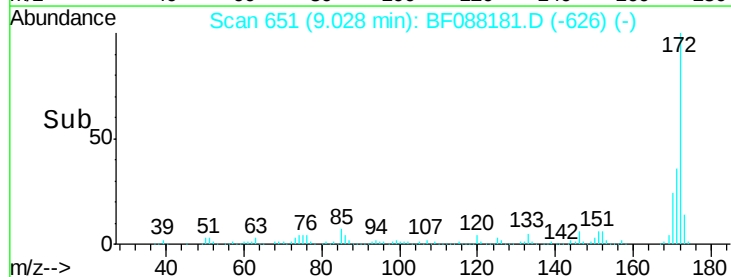
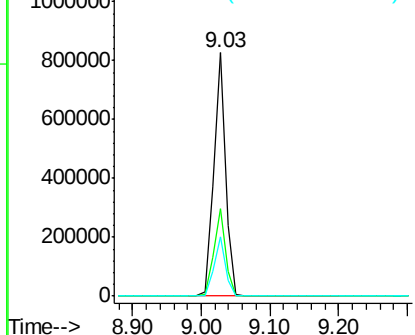


#44
 2-Fluorobiphenyl
 Concen: 70.13 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088181.D
 Acq: 20 Jun 2016 19:55

Tgt Ion:172 Resp: 1008326
 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: 9.03 min Scan# 651

Delta R.T. -0.10 min

Lab File: BF088181.D

Acq: 20 Jun 2016 19:55

Instrument :

BNA_F

ClientSampleId :

PB91406TB

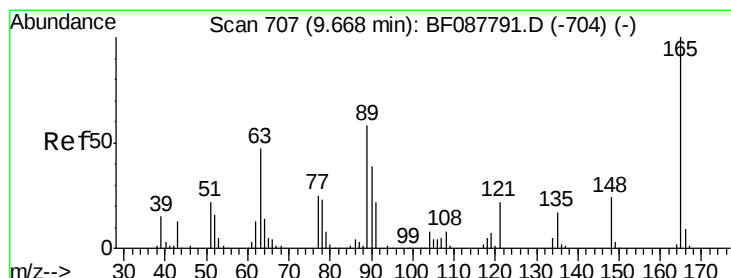
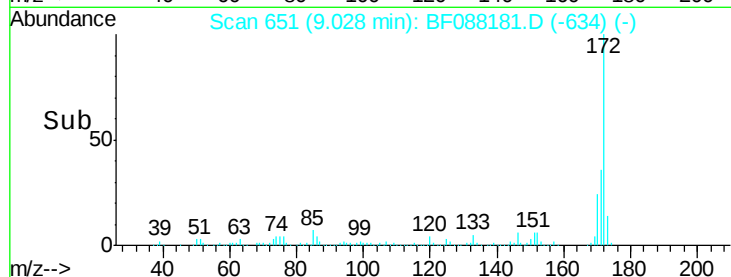
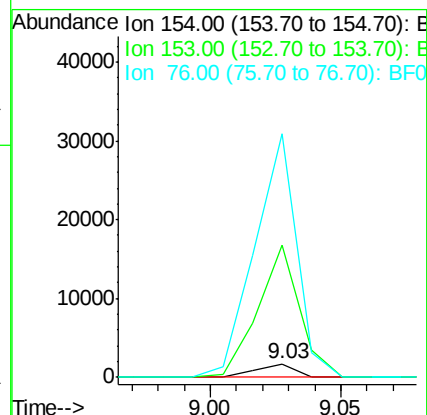
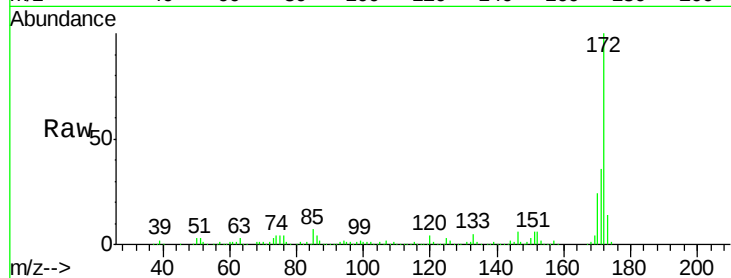
Tgt Ion:154 Resp: 1784

Ion Ratio Lower Upper

154 100

153 953.9 20.6 60.6#

76 1758.0 0.0 35.1#



#50

2,6-Dinitrotoluene

Concen: 7.60 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.19 min

Lab File: BF088181.D

Acq: 20 Jun 2016 19:55

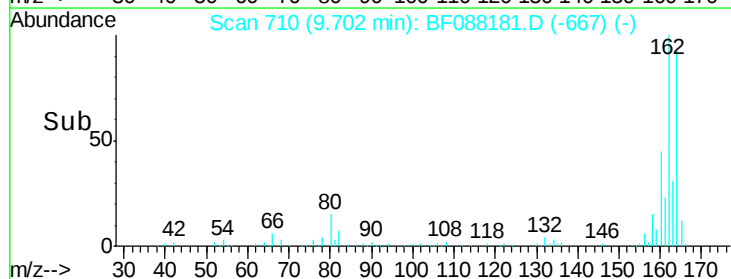
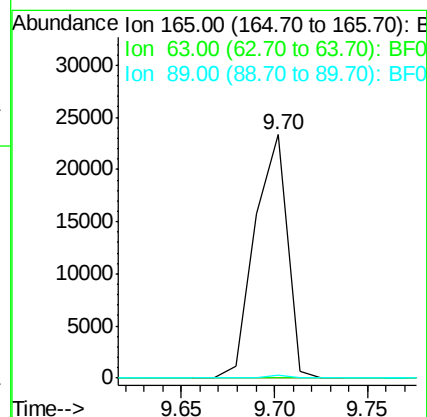
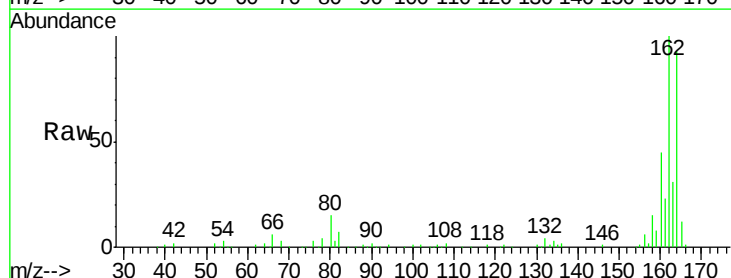
Tgt Ion:165 Resp: 28099

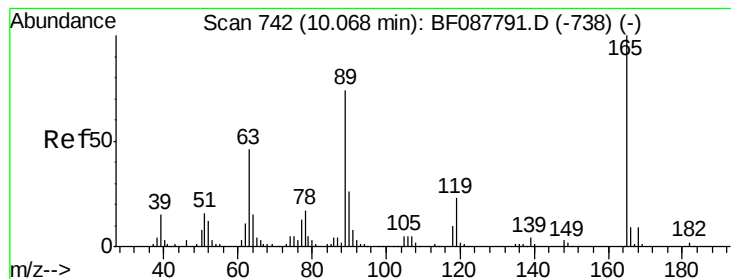
Ion Ratio Lower Upper

165 100

63 0.0 28.1 42.1#

89 1.3 32.2 48.2#

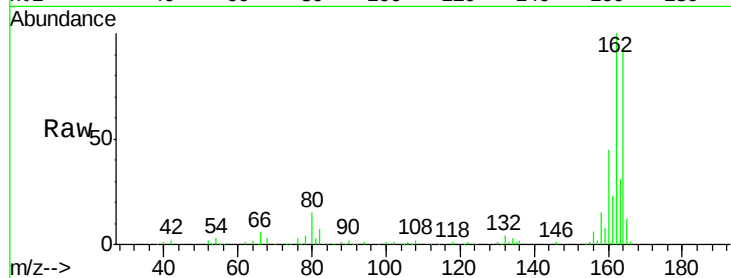




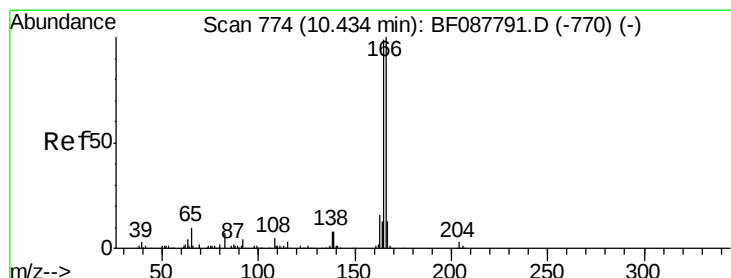
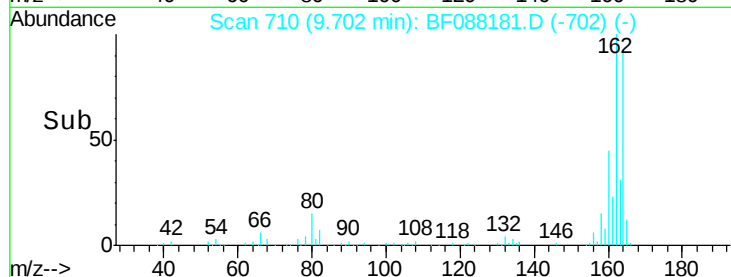
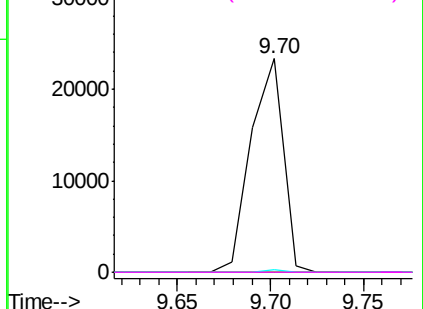
#56
2,4-Dinitrotoluene
Concen: 5.92 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.21 min
Lab File: BF088181.D
Acq: 20 Jun 2016 19:55

Instrument :
BNA_F
ClientSampleId :
PB91406TB

Tgt Ion:	165	Resp:	28099
Ion Ratio	Lower	Upper	
165	100		
63	0.0	22.0	33.0#
89	1.3	41.1	61.7#
182	0.0	2.0	3.0#

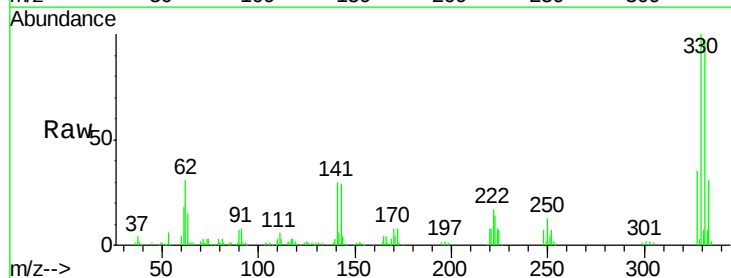


Abundance Ion 165.00 (164.70 to 165.70): E

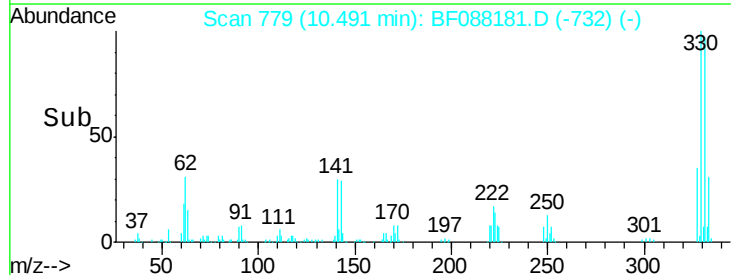
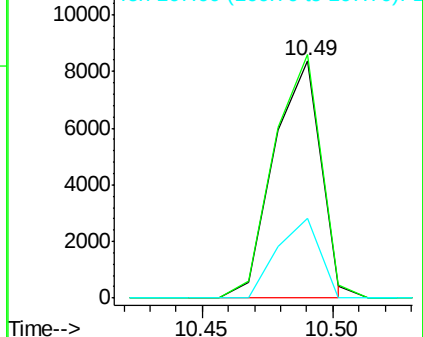


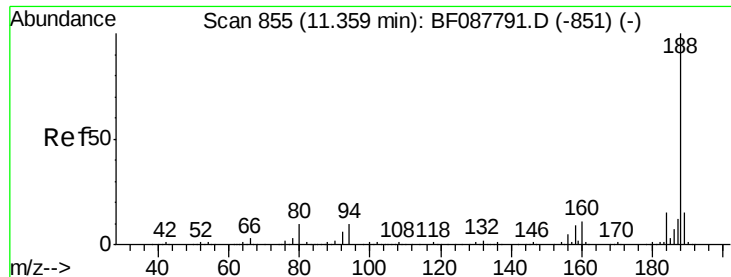
#57
Fluorene
Concen: Below Cal
RT: 10.49 min Scan# 779
Delta R.T. 0.24 min
Lab File: BF088181.D
Acq: 20 Jun 2016 19:55

Tgt Ion:	166	Resp:	10524
Ion Ratio	Lower	Upper	
166	100		
165	102.5	77.8	116.8
167	33.5	11.2	16.8#



Abundance Ion 166.00 (165.70 to 166.70): E

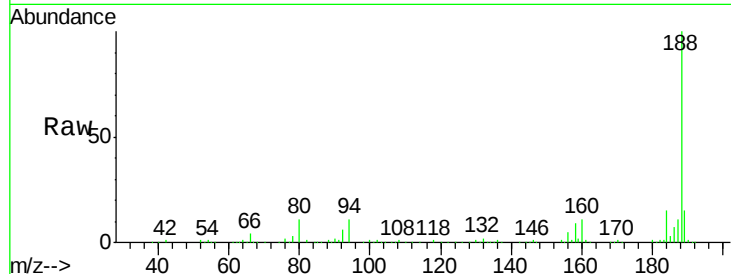




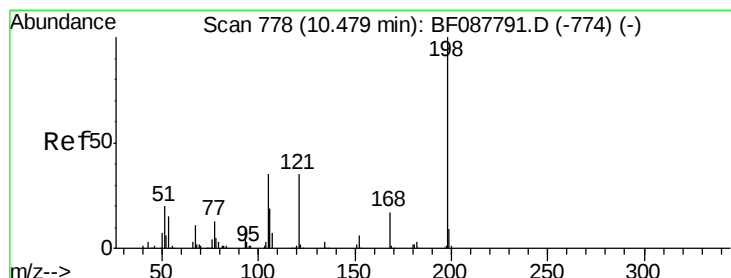
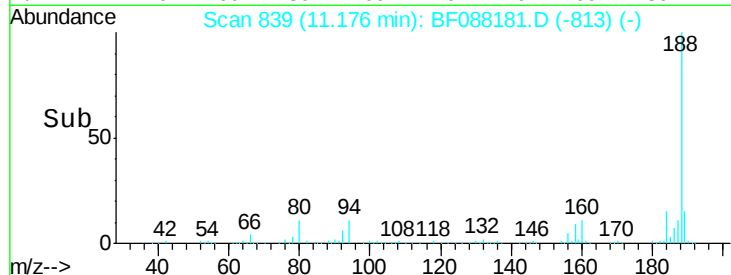
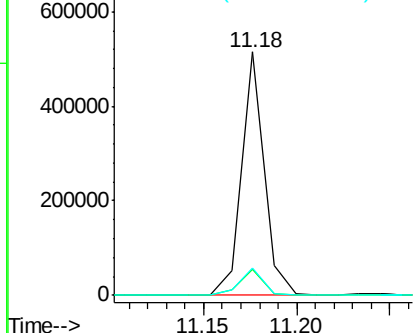
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF088181.D
Acq: 20 Jun 2016 19:55

Instrument :
BNA_F
ClientSampleId :
PB91406TB

Tgt Ion:188 Resp: 438368
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.6
80 11.3 10.0 15.0

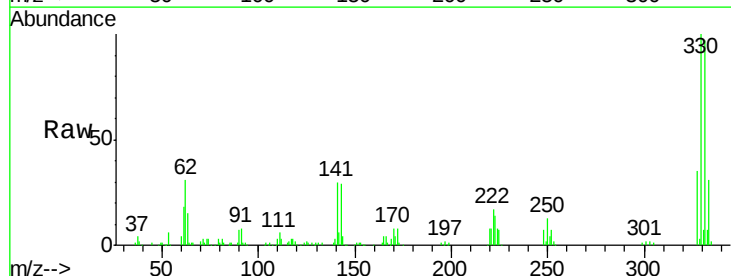


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

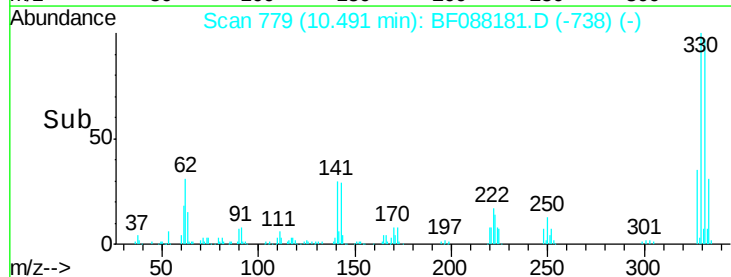
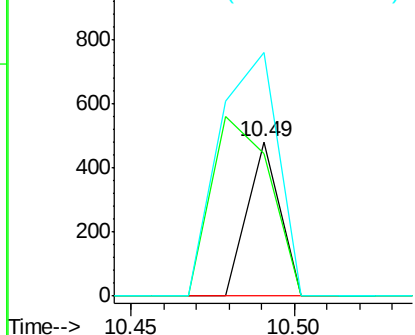


#64
4,6-Dinitro-2-methylphenol
Concen: 2.28 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.17 min
Lab File: BF088181.D
Acq: 20 Jun 2016 19:55

Tgt Ion:198 Resp: 331
Ion Ratio Lower Upper
198 100
51 92.1 39.6 79.6#
105 157.7 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

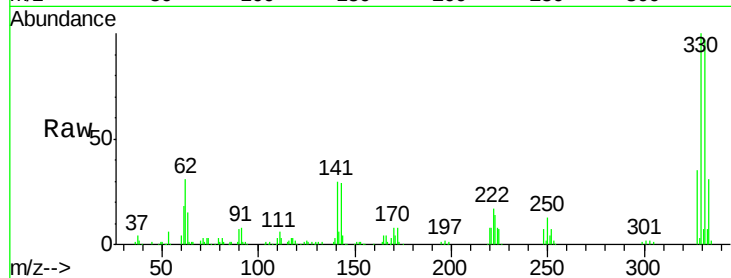




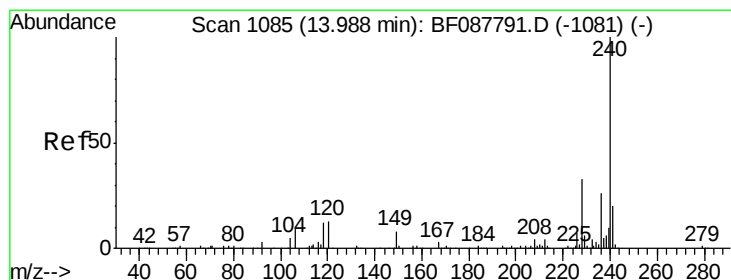
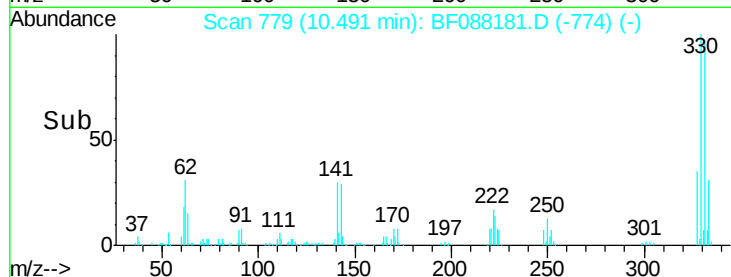
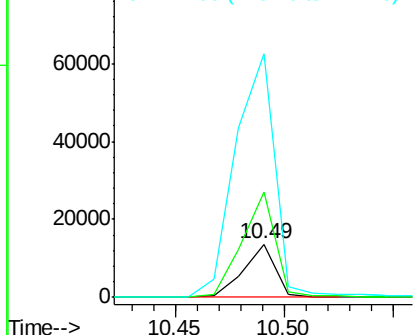
#66
4-Bromophenyl-phenylether
Concen: 2.95 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.24 min
Lab File: BF088181.D
Acq: 20 Jun 2016 19:55

Instrument :
BNA_F
ClientSampleId :
PB91406TB

Tgt Ion:248 Resp: 13869
Ion Ratio Lower Upper
248 100
250 195.8 77.1 115.7#
141 455.1 50.6 76.0#

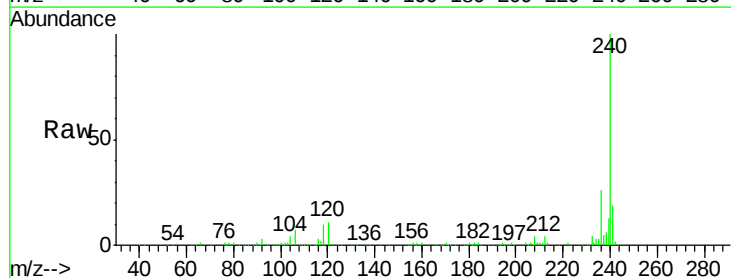


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

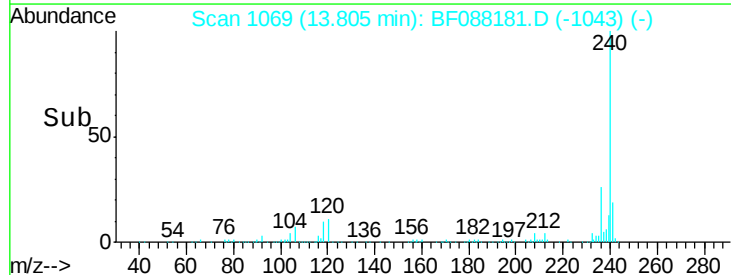
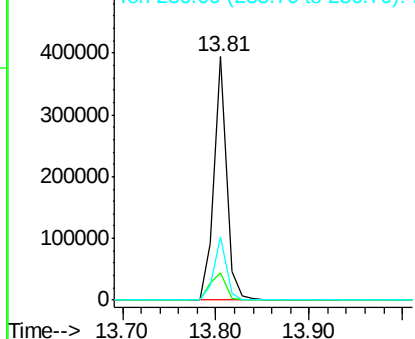


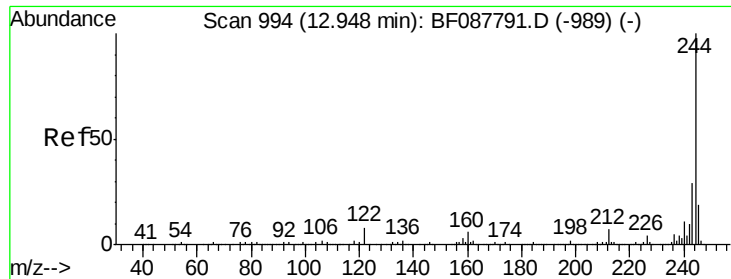
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF088181.D
Acq: 20 Jun 2016 19:55

Tgt Ion:240 Resp: 373156
Ion Ratio Lower Upper
240 100
120 11.4 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

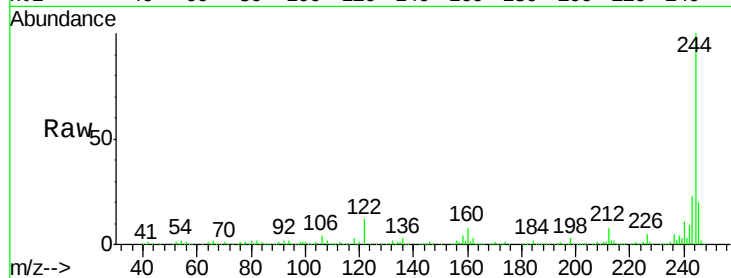




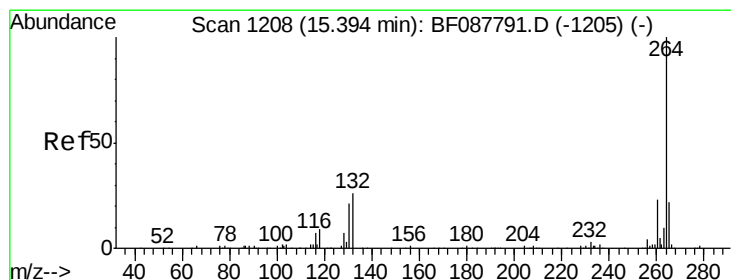
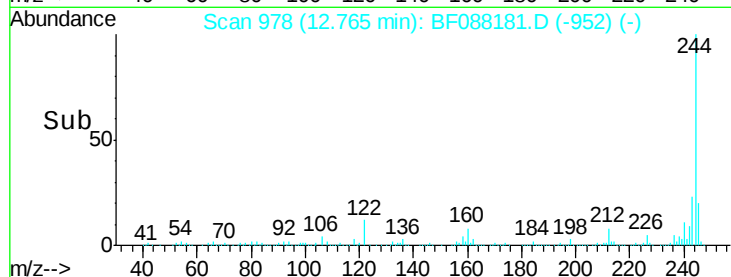
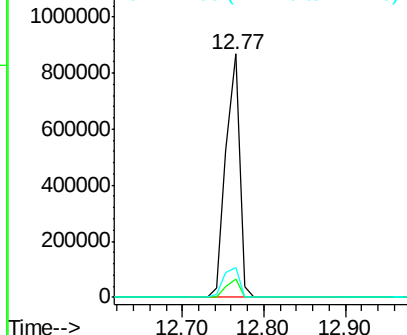
#78
 Terphenyl-d14
 Concen: 61.45 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088181.D
 Acq: 20 Jun 2016 19:55

Instrument :
 BNA_F
 ClientSampleID :
 PB91406TB

Tgt Ion:244 Resp: 1007646
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 12.3 11.2 16.8

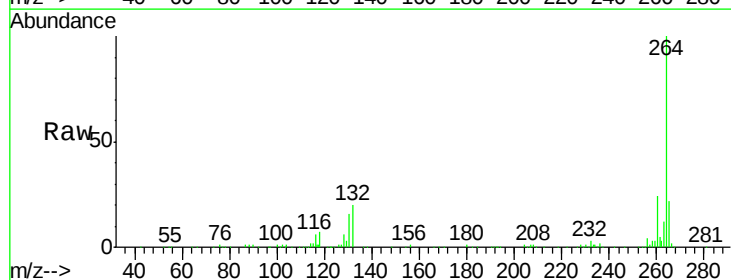


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF088181.D
 Acq: 20 Jun 2016 19:55

Tgt Ion:264 Resp: 277206
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.0 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

