

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
 Data File : BF088184.D
 Acq On : 20 Jun 2016 21:22
 Operator : UM/SJ
 Sample : PB91364BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91264BL

Quant Time: Jun 21 01:03:40 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	107459	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	449904	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	209659	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	404117	20.00	ng	0.00
75) Chrysene-d12	13.81	240	344644	20.00	ng	0.00
86) Perylene-d12	15.18	264	258892	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	649728	103.36	ng	0.01
7) Phenol-d6	6.32	99	833102	109.36	ng	-0.01
23) Nitrobenzene-d5	7.23	82	467206	60.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	183231	82.77	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	903521	66.49	ng	-0.01
78) Terphenyl-d14	12.77	244	965773	63.77	ng	0.00

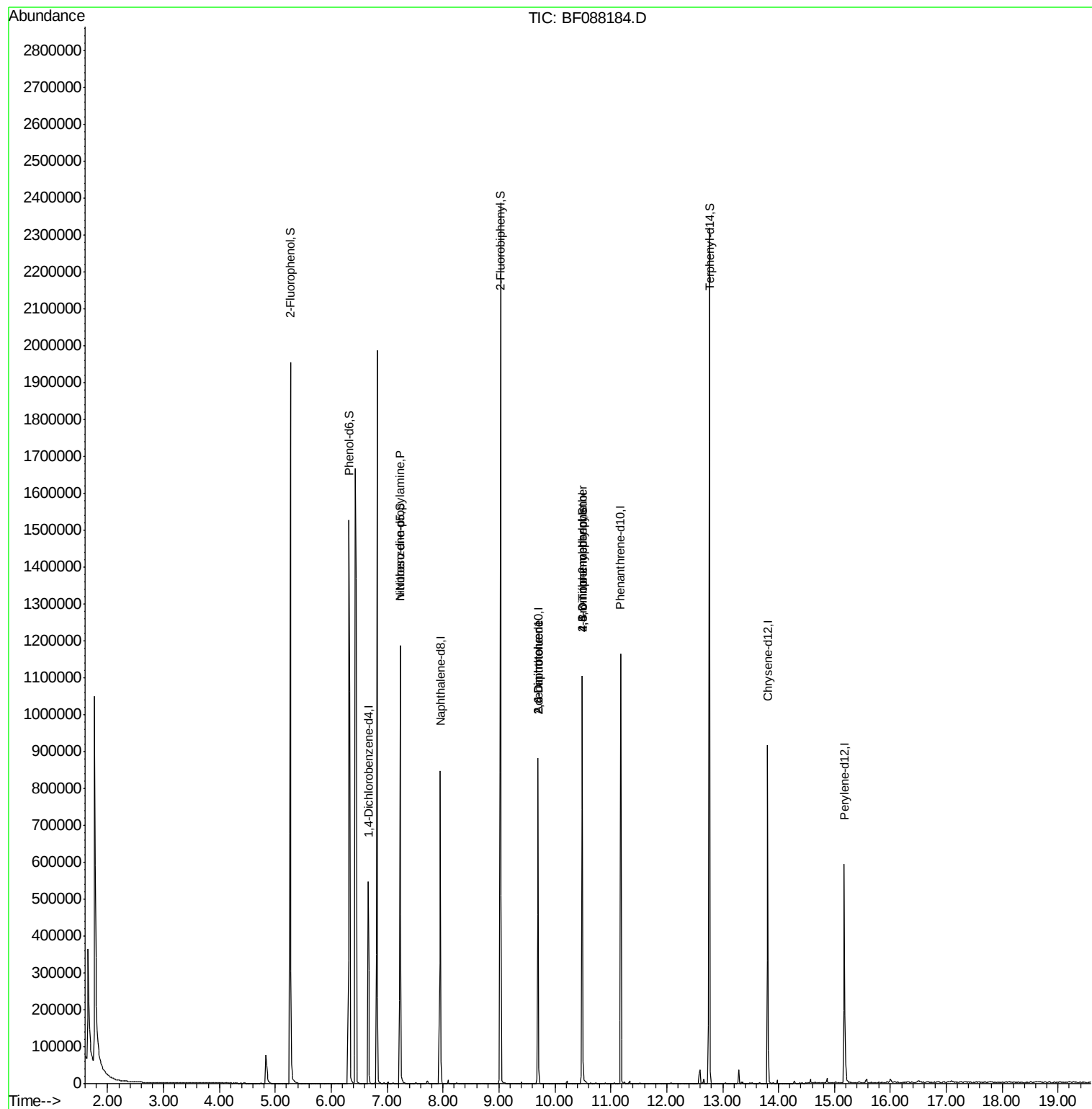
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.43	94	1255	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.23	70	59818	12.27	ng	71
45) 1,1'-Biphenyl	9.03	154	1839	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.70	165	26462	7.61	ng	38
56) 2,4-Dinitrotoluene	9.70	165	26462	5.92	ng	37
57) Fluorene	10.49	166	8833	Below Cal	#	91
64) 4,6-Dinitro-2-methylphenol	10.49	198	250	2.26	ng	10
66) 4-Bromophenyl-phenylether	10.49	248	11785	2.72	ng	1

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

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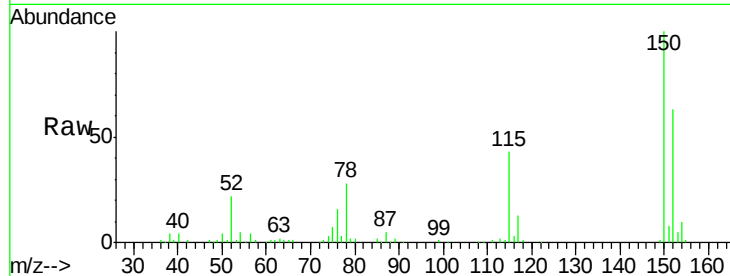




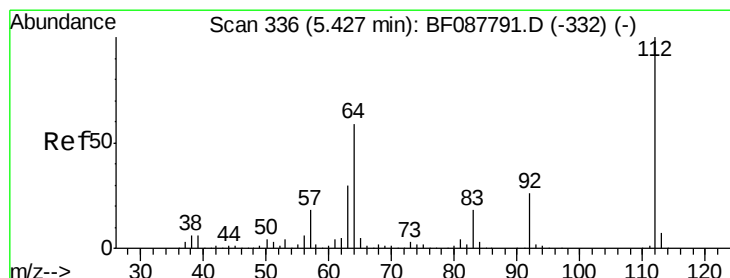
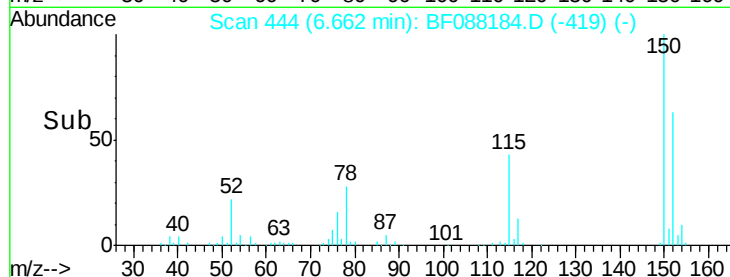
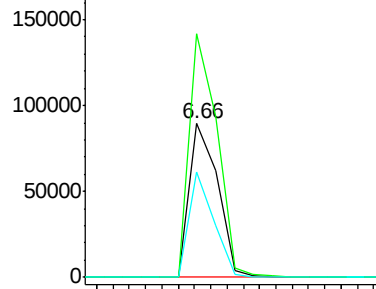
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF088184.D
 Acq: 20 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 PB91264BL

Tgt Ion:152 Resp: 107459
 Ion Ratio Lower Upper
 152 100
 150 158.6 123.8 185.6
 115 68.5 39.6 59.4#

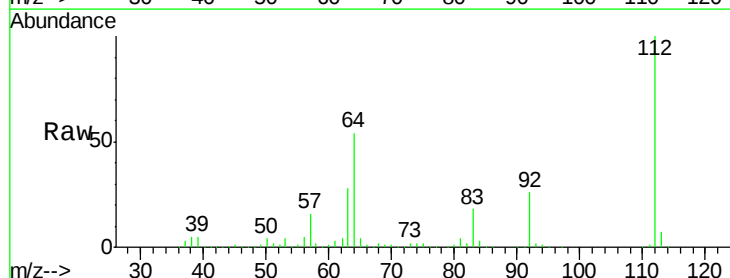


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

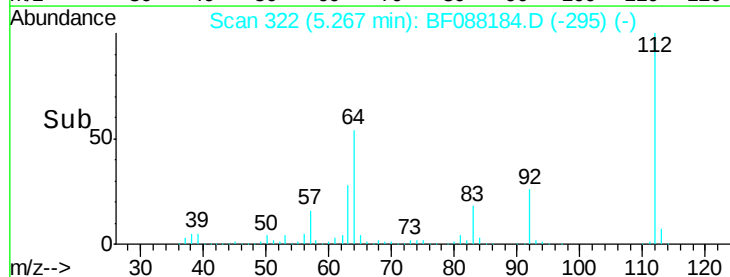
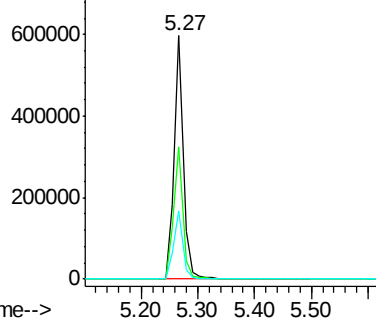


#5
 2-Fluorophenol
 Concen: 103.36 ng
 RT: 5.27 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: BF088184.D
 Acq: 20 Jun 2016 21:22

Tgt Ion:112 Resp: 649728
 Ion Ratio Lower Upper
 112 100
 64 54.4 42.2 63.2
 63 28.1 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: 109.36 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088184.D

Acq: 20 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

PB91264BL

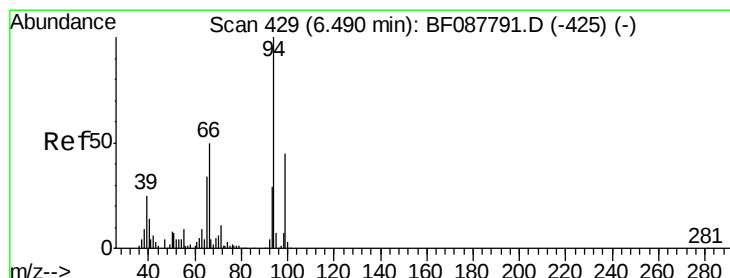
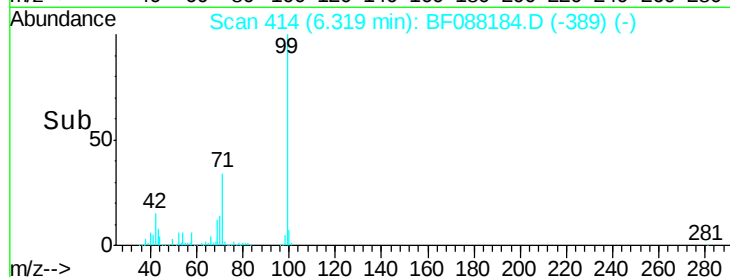
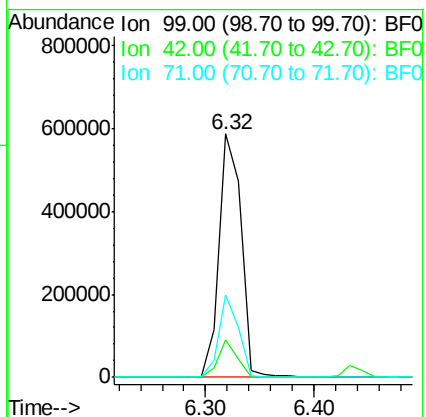
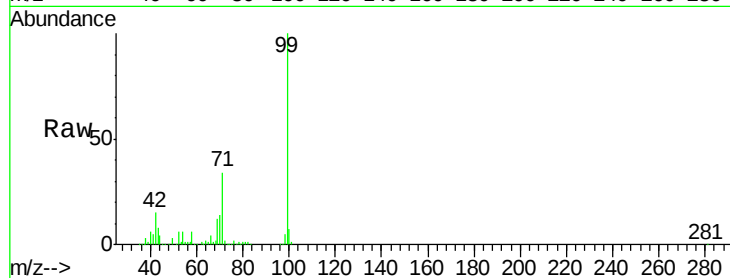
Tgt Ion: 99 Resp: 833102

Ion Ratio Lower Upper

99 100

42 15.4 12.2 18.2

71 33.6 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.43 min Scan# 424

Delta R.T. 0.09 min

Lab File: BF088184.D

Acq: 20 Jun 2016 21:22

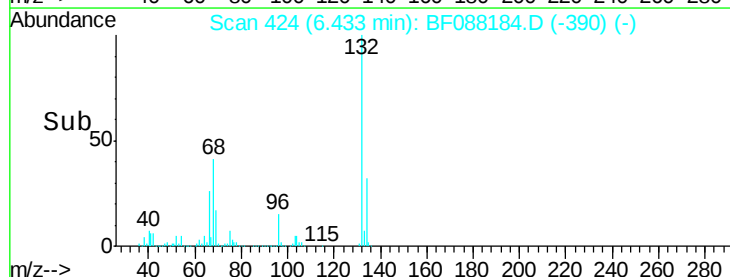
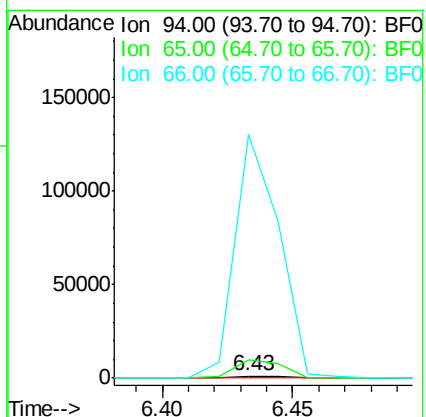
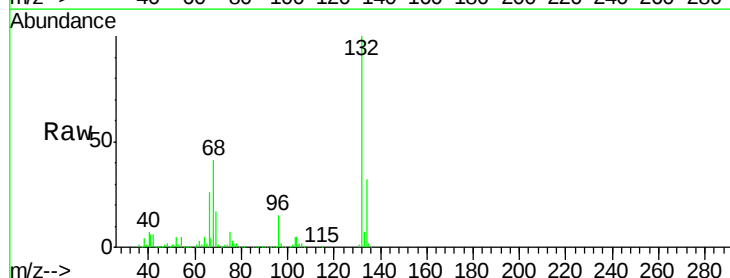
Tgt Ion: 94 Resp: 1255

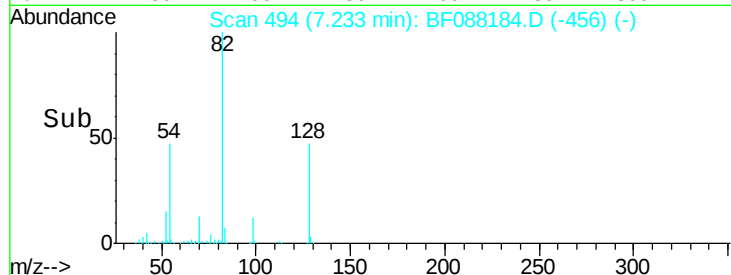
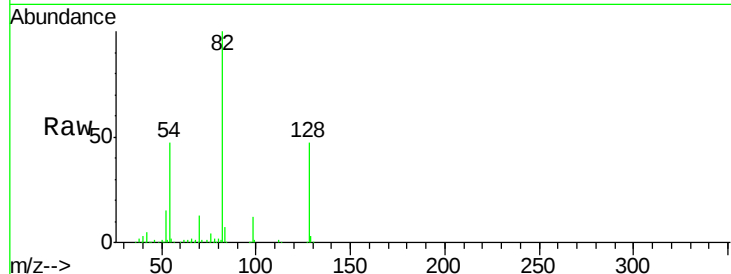
Ion Ratio Lower Upper

94 100

65 973.9 5.9 45.9#

66 12919.0 14.0 54.0#

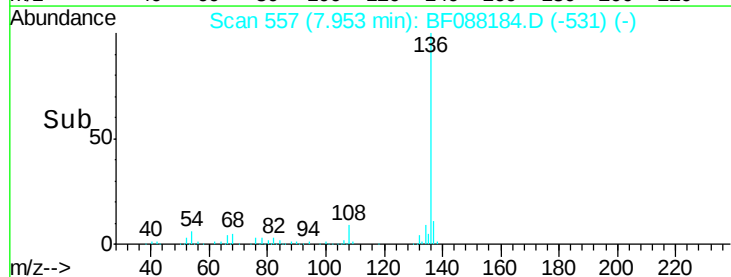
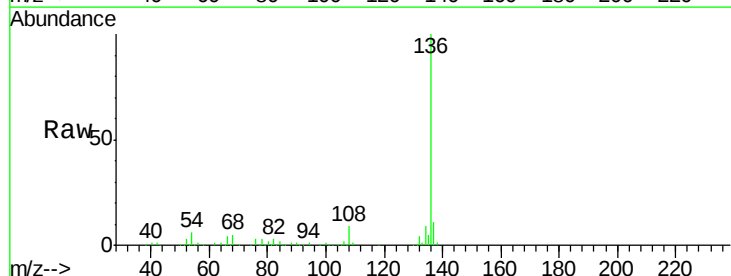
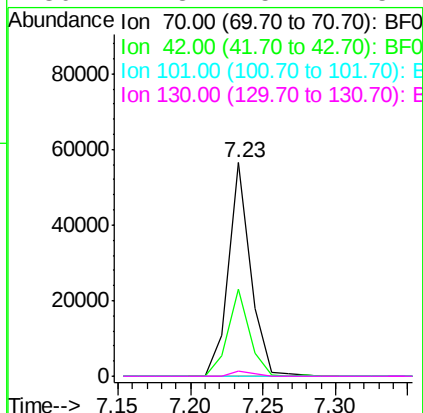




#19
n-Nitroso-di-n-propylamine
Concen: 12.27 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.14 min
Lab File: BF088184.D
Acq: 20 Jun 2016 21:22

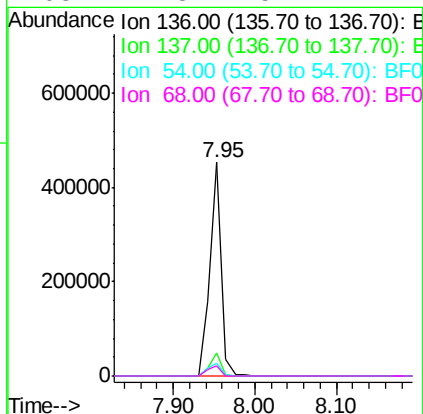
Instrument :
BNA_F
ClientSampleId :
PB91264BL

Tgt Ion: 70 Resp: 59818
Ion Ratio Lower Upper
70 100
42 40.8 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: BF088184.D
Acq: 20 Jun 2016 21:22

Tgt Ion: 136 Resp: 449904
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 5.8 6.6 10.0#
68 4.8 5.1 7.7#

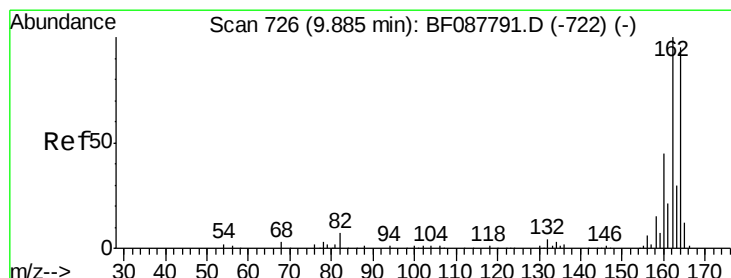
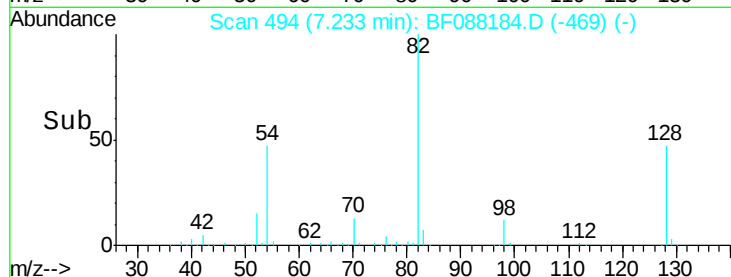
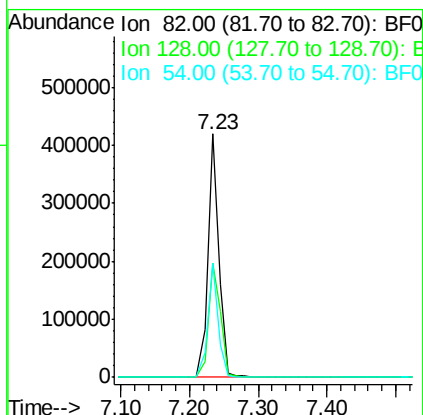
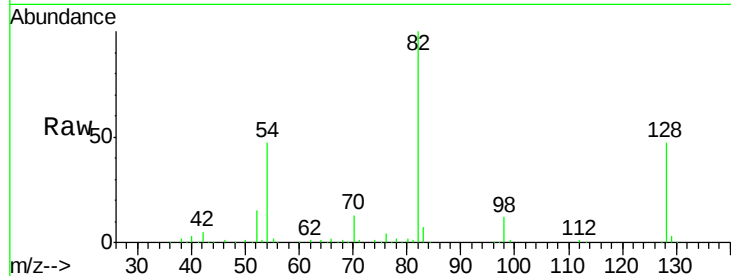




#23
 Nitrobenzene-d5
 Concen: 60.64 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF088184.D
 Acq: 20 Jun 2016 21:22

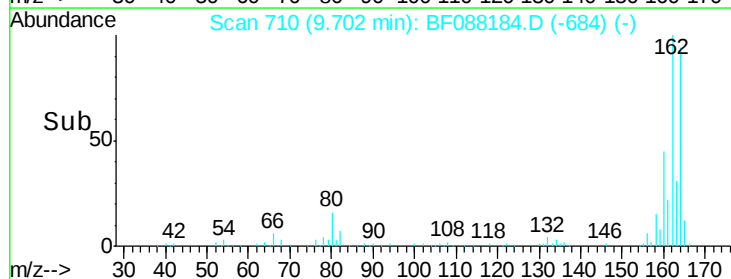
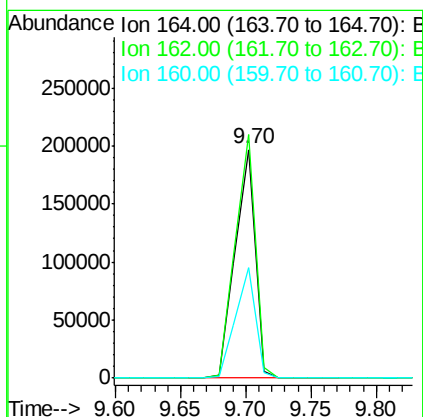
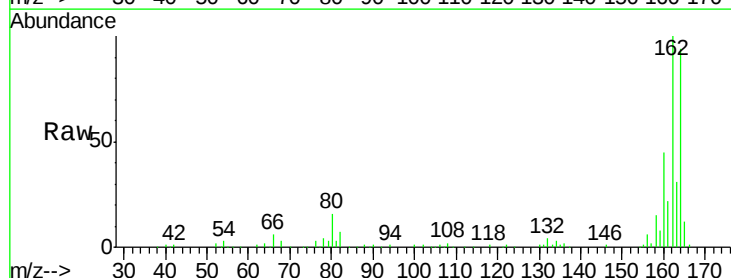
Instrument :
 BNA_F
 ClientSampled :
 PB91264BL

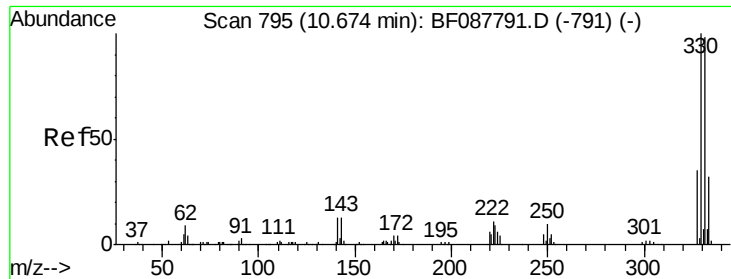
Tgt Ion: 82 Resp: 467206
 Ion Ratio Lower Upper
 82 100
 128 47.2 35.9 53.9
 54 47.1 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF088184.D
 Acq: 20 Jun 2016 21:22

Tgt Ion: 164 Resp: 209659
 Ion Ratio Lower Upper
 164 100
 162 106.5 85.4 128.2
 160 48.5 39.5 59.3

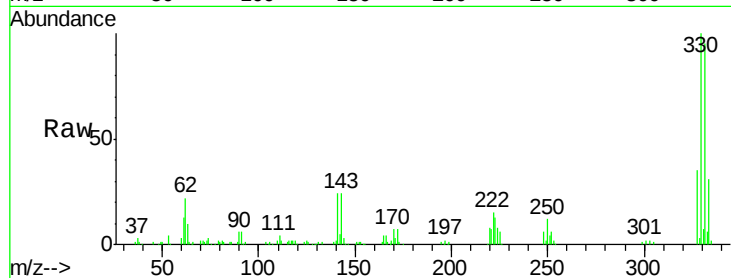




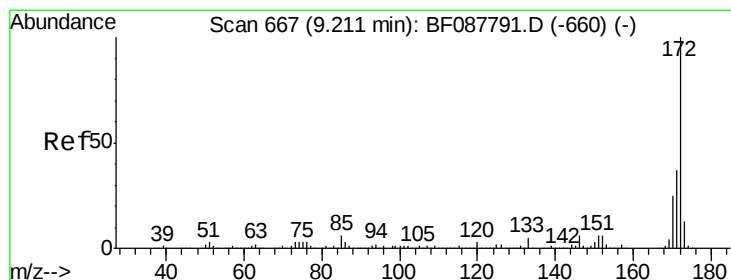
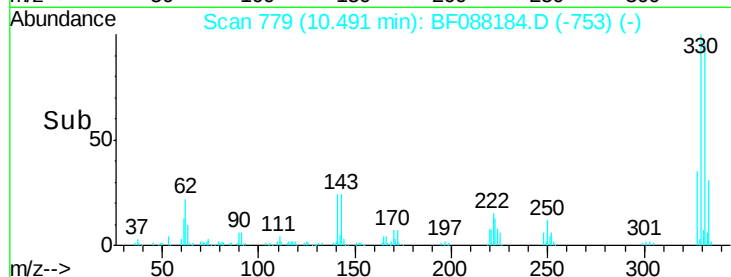
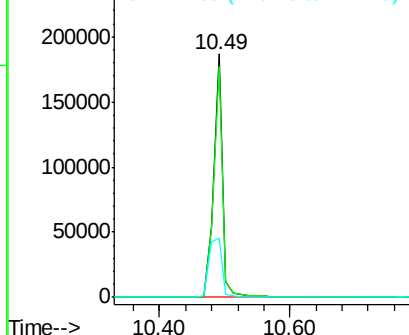
#41
 2,4,6-Tribromophenol
 Concen: 82.77 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088184.D
 Acq: 20 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 PB91264BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	35.8	0.0	0.0#

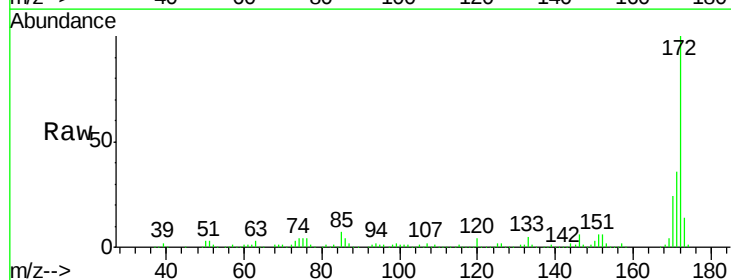


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

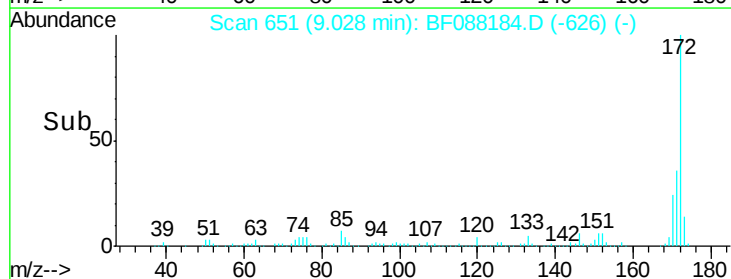
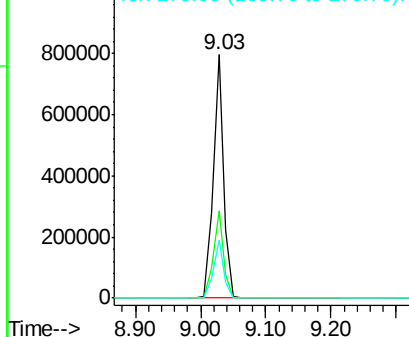


#44
 2-Fluorobiphenyl
 Concen: 66.49 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088184.D
 Acq: 20 Jun 2016 21:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	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

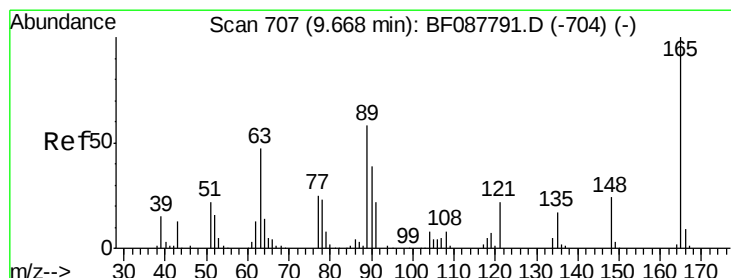
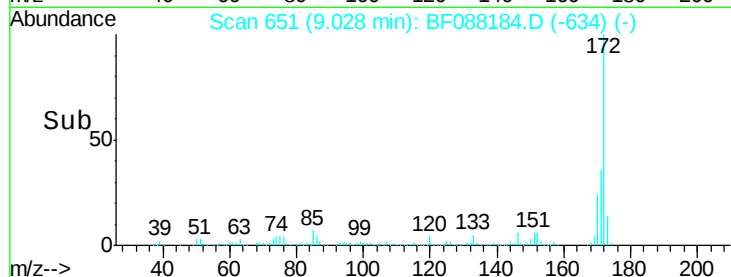
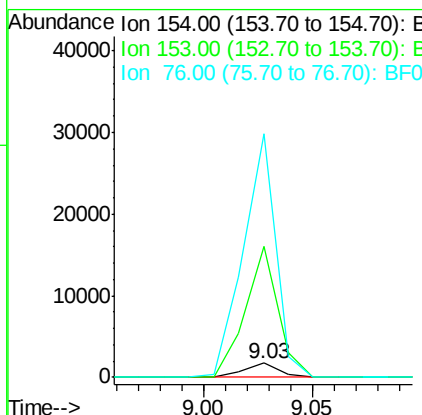
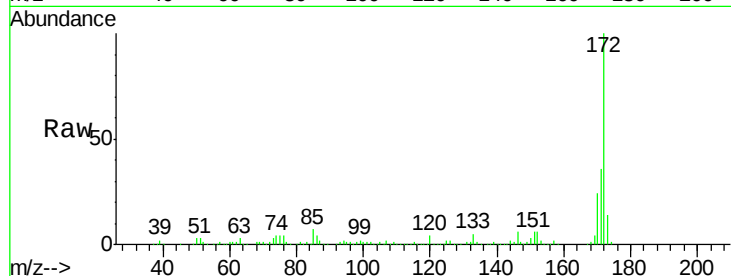




#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.03 min Scan# 651
 Delta R.T. -0.10 min
 Lab File: BF088184.D
 Acq: 20 Jun 2016 21:22

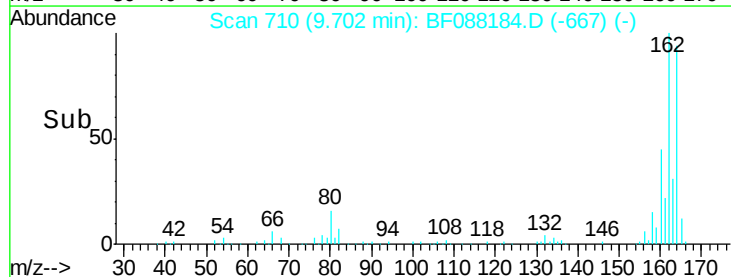
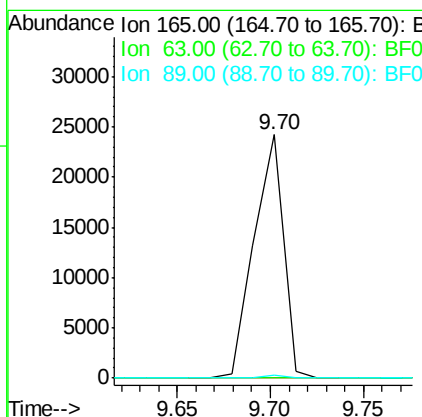
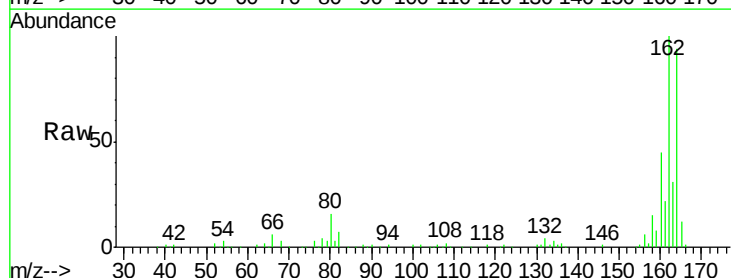
Instrument :
 BNA_F
 ClientSampleId :
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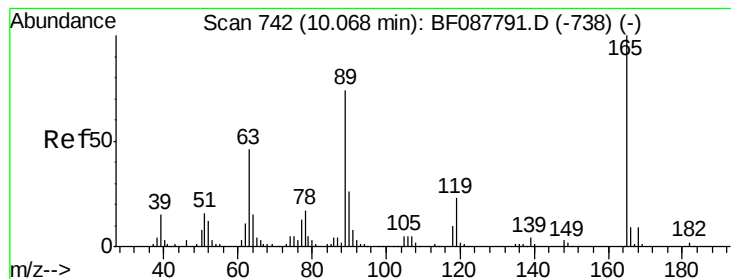
Tgt Ion:154 Resp: 1839
 Ion Ratio Lower Upper
 154 100
 153 920.8 20.6 60.6#
 76 1718.0 0.0 35.1#



#50
 2,6-Dinitrotoluene
 Concen: 7.61 ng
 RT: 9.70 min Scan# 710
 Delta R.T. 0.19 min
 Lab File: BF088184.D
 Acq: 20 Jun 2016 21:22

Tgt Ion:165 Resp: 26462
 Ion Ratio Lower Upper
 165 100
 63 0.0 28.1 42.1#
 89 1.5 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: BF088184.D

Acq: 20 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

PB91264BL

Tgt Ion:165 Resp: 26462

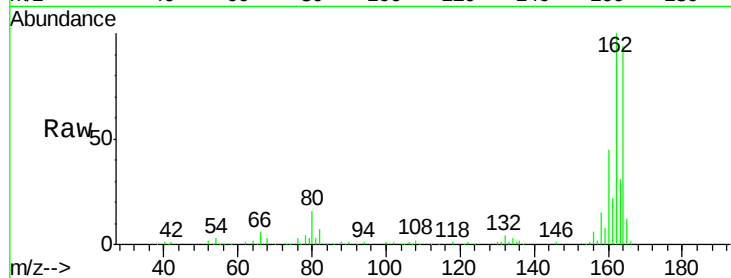
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 1.5 41.1 61.7#

182 0.0 2.0 3.0#

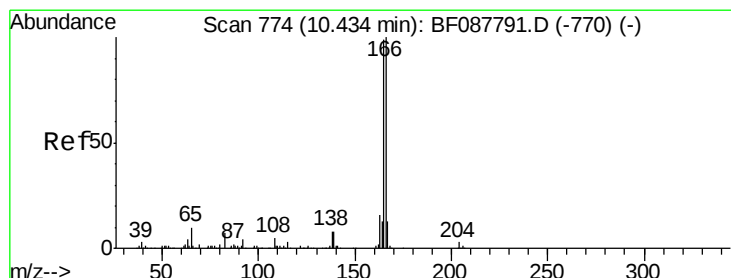
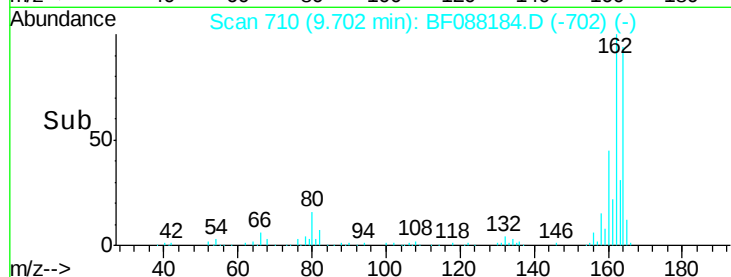
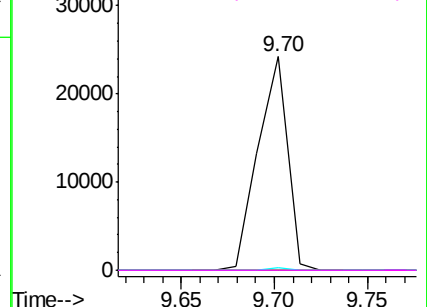


Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.49 min Scan# 779

Delta R.T. 0.24 min

Lab File: BF088184.D

Acq: 20 Jun 2016 21:22

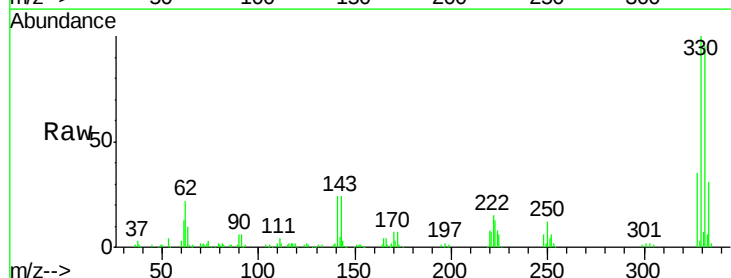
Tgt Ion:166 Resp: 8833

Ion Ratio Lower Upper

166 100

165 101.5 77.8 116.8

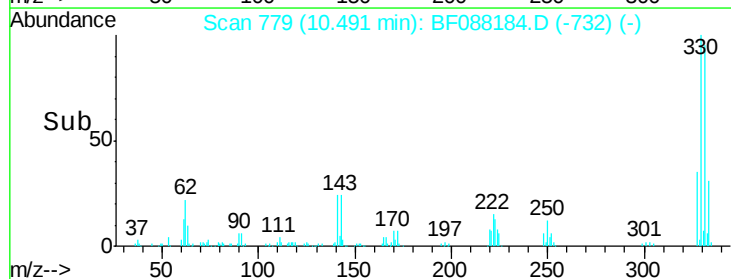
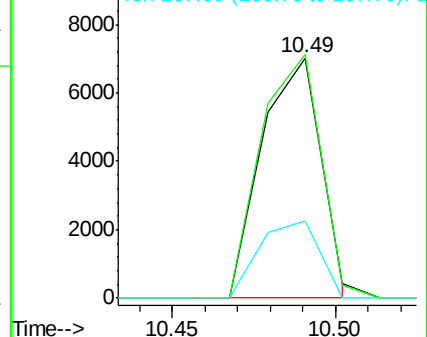
167 32.0 11.2 16.8#

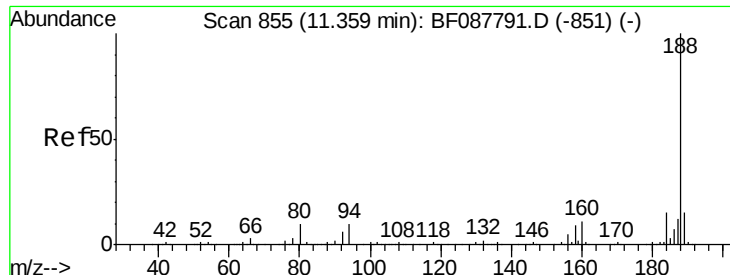


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

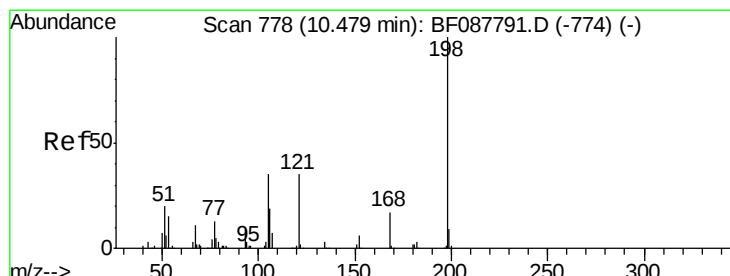
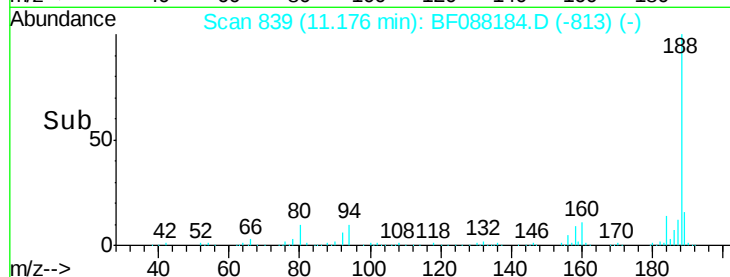
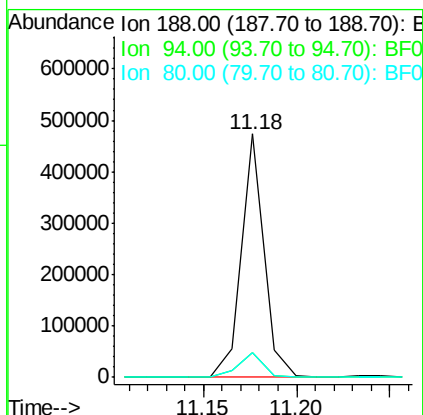
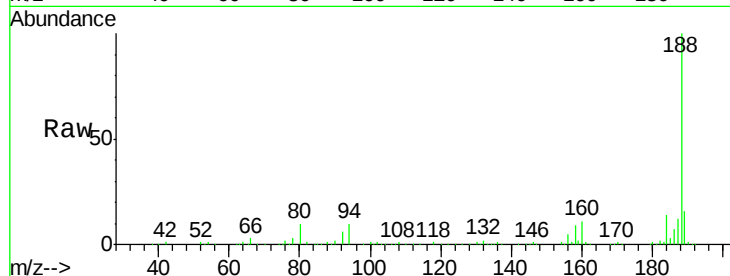




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF088184.D
Acq: 20 Jun 2016 21:22

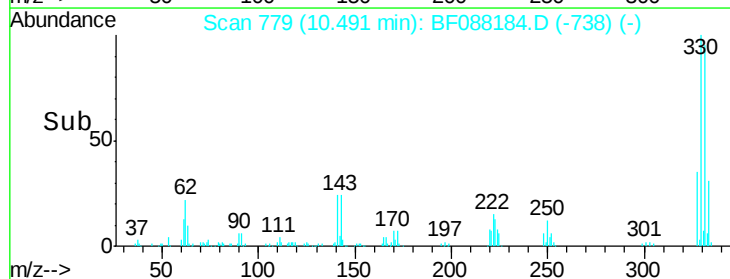
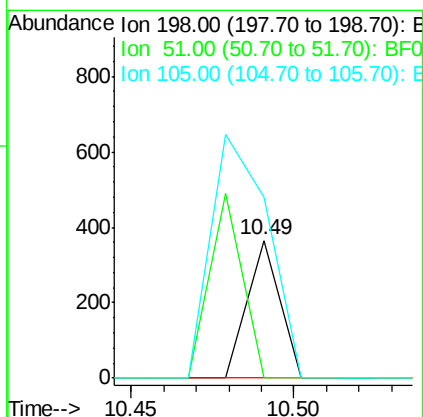
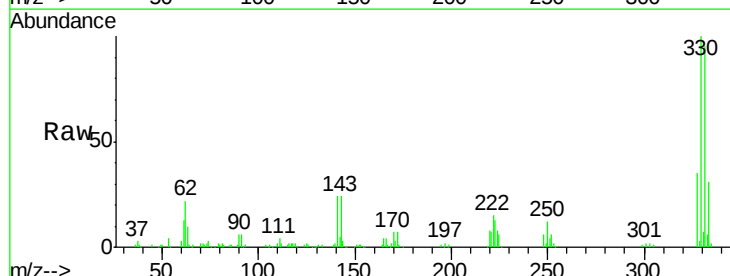
Instrument :
BNA_F
ClientSampleId :
PB91264BL

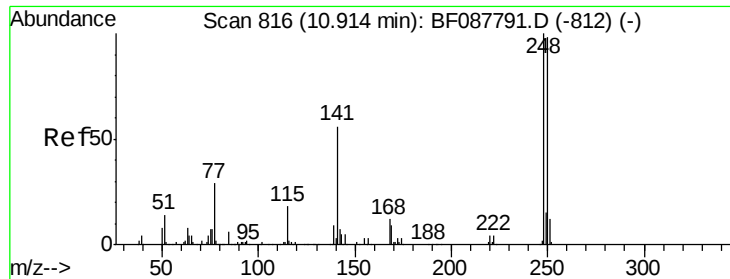
Tgt Ion:188 Resp: 404117
Ion Ratio Lower Upper
188 100
94 10.1 9.0 13.6
80 10.3 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 2.26 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.17 min
Lab File: BF088184.D
Acq: 20 Jun 2016 21:22

Tgt Ion:198 Resp: 250
Ion Ratio Lower Upper
198 100
51 0.0 39.6 79.6#
105 131.8 36.6 76.6#

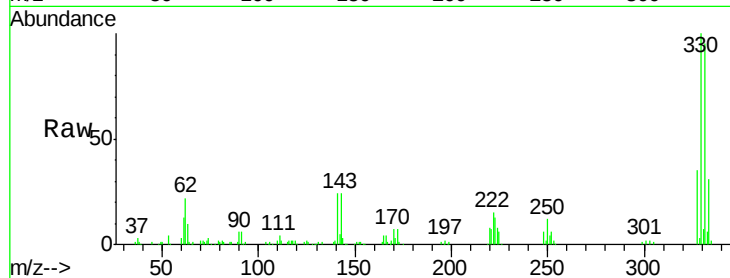




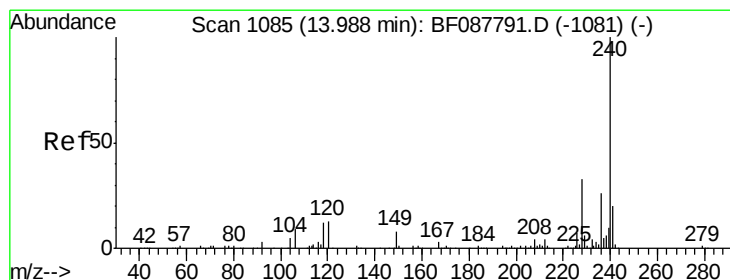
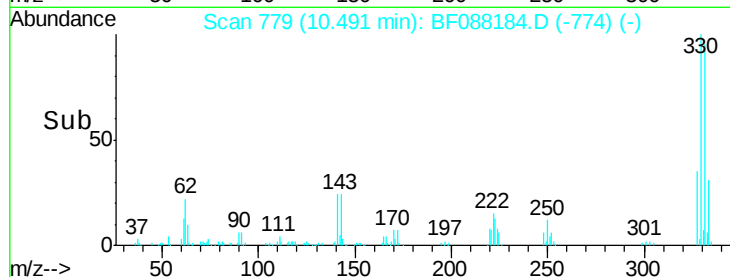
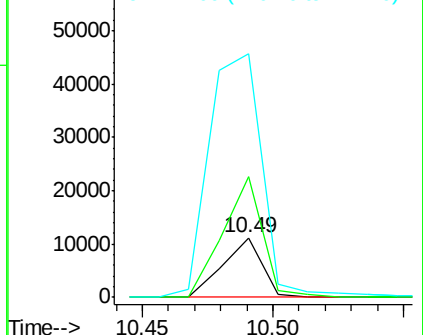
#66
4-Bromophenyl-phenylether
Concen: 2.72 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.24 min
Lab File: BF088184.D
Acq: 20 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
PB91264BL

Tgt Ion:248 Resp: 11785
Ion Ratio Lower Upper
248 100
250 200.6 77.1 115.7#
141 406.6 50.6 76.0#

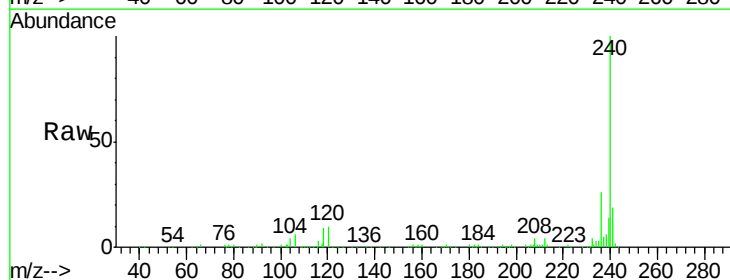


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

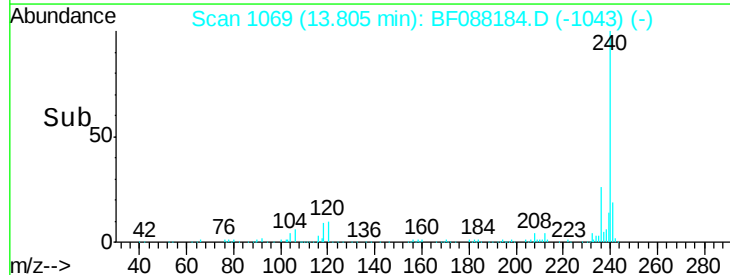
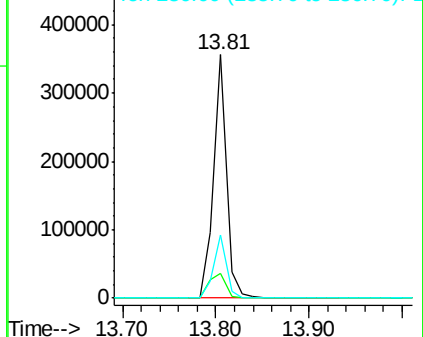


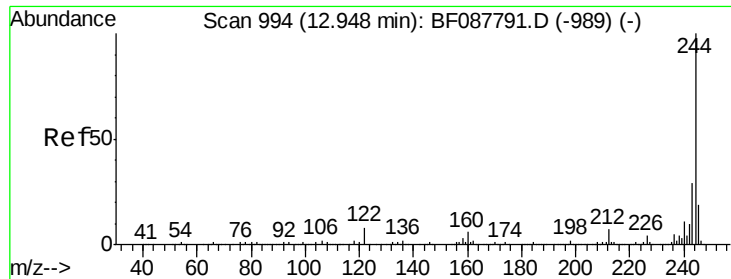
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF088184.D
Acq: 20 Jun 2016 21:22

Tgt Ion:240 Resp: 344644
Ion Ratio Lower Upper
240 100
120 10.3 6.8 10.2#
236 25.8 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

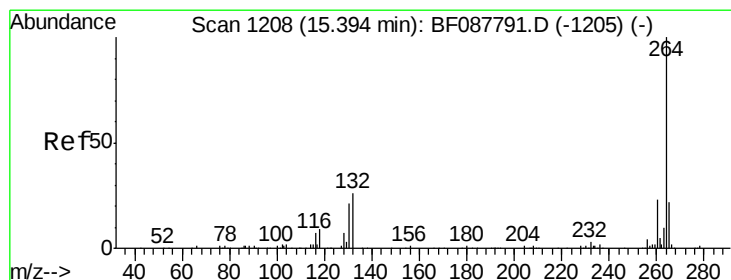
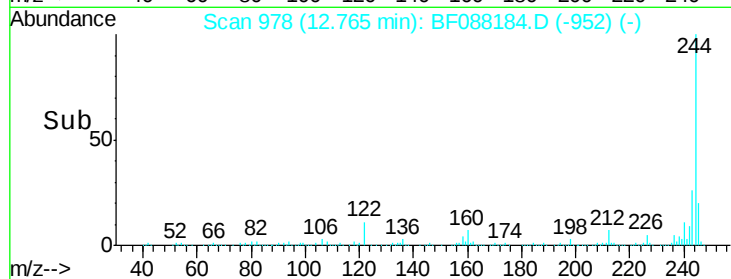
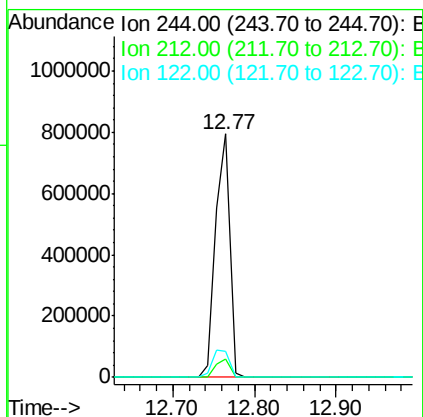
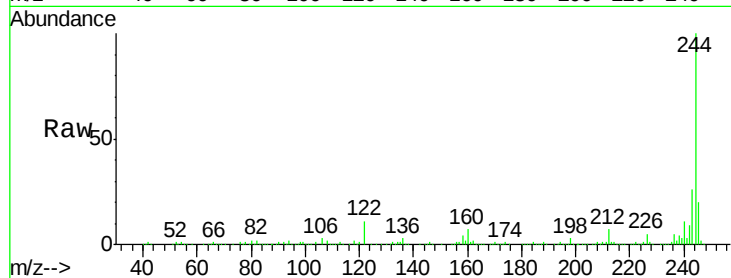




#78
 Terphenyl-d14
 Concen: 63.77 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088184.D
 Acq: 20 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 PB91264BL

Tgt Ion:244 Resp: 965773
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.6 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: BF088184.D
 Acq: 20 Jun 2016 21:22

Tgt Ion:264 Resp: 258892
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.5 16.9 25.3

