

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
 Data File : BF088702.D
 Acq On : 5 Jul 2016 14:47
 Operator : UM/SJ
 Sample : PB91664BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91664BL

Quant Time: Jul 05 17:12:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

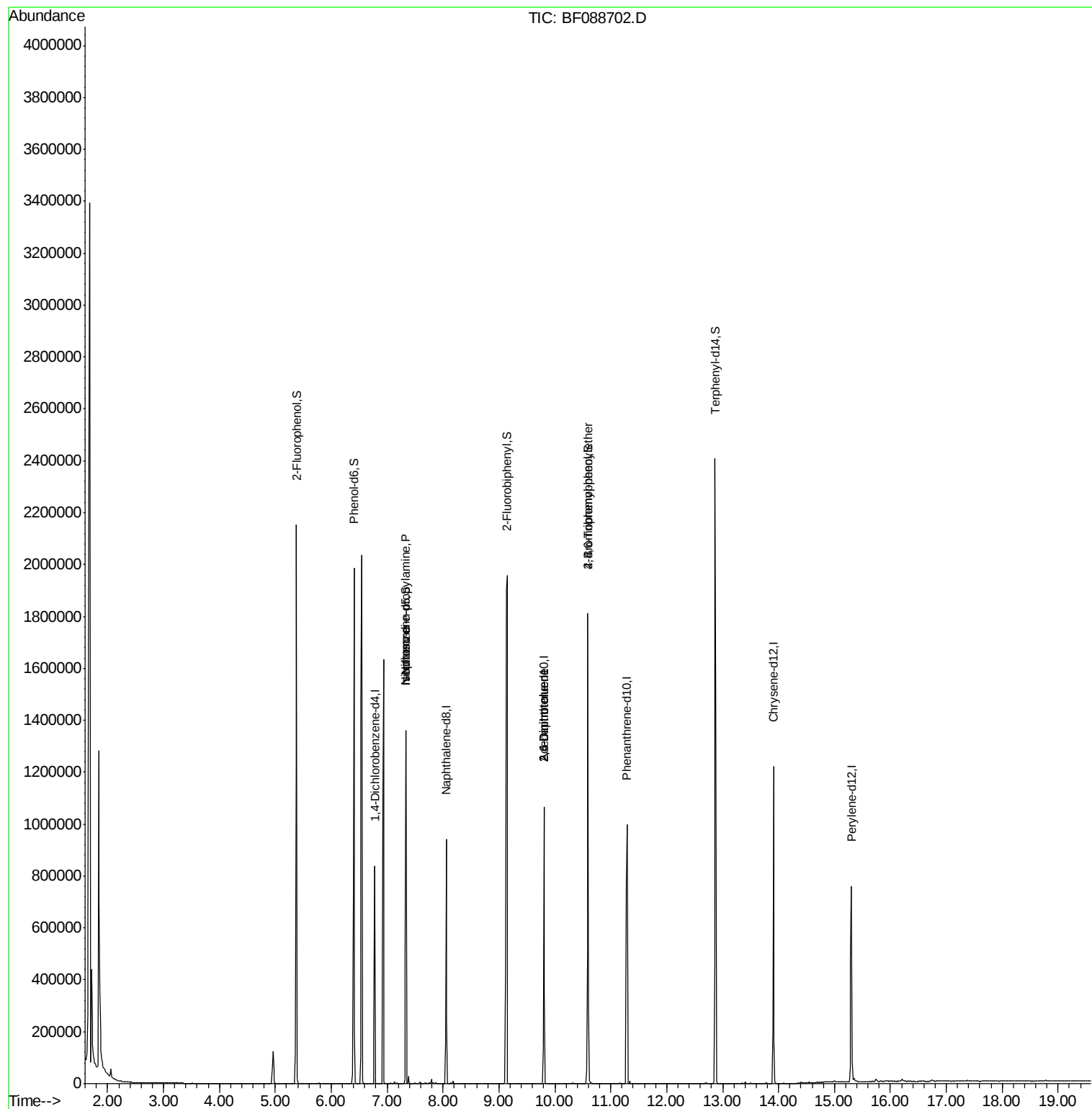
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	117313	20.00	ng	-0.03
21) Naphthalene-d8	8.06	136	442247	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	217199	20.00	ng	-0.05
63) Phenanthrene-d10	11.29	188	490382	20.00	ng	-0.03
75) Chrysene-d12	13.91	240	377512	20.00	ng	-0.05
86) Perylene-d12	15.30	264	336390	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	692797	88.51	ng	-0.02
7) Phenol-d6	6.41	99	747293	73.88	ng	-0.03
23) Nitrobenzene-d5	7.34	82	497195	58.92	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	209676	103.96	ng	-0.05
44) 2-Fluorobiphenyl	9.14	172	1004295	73.04	ng	-0.03
78) Terphenyl-d14	12.87	244	970381	57.25	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	66443	9.78	ng	# 73
25) Isophorone	7.34	82	374572	23.96	ng	# 65
50) 2,6-Dinitrotoluene	9.80	165	28044	8.18	ng	# 40
56) 2,4-Dinitrotoluene	9.80	165	28038	6.25	ng	# 38
66) 4-Bromophenyl-phenylether	10.59	248	13933	2.82	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
Data File : BF088702.D
Acq On : 5 Jul 2016 14:47
Operator : UM/SJ
Sample : PB91664BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91664BL

Quant Time: Jul 05 17:12:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration



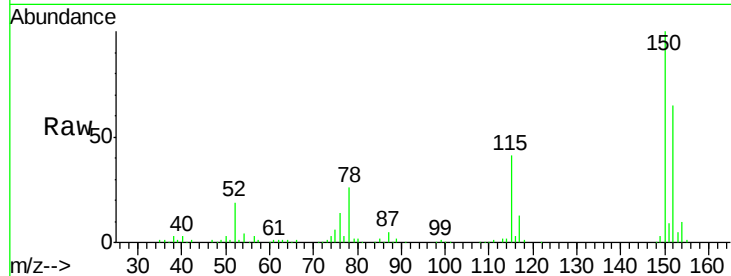


#1

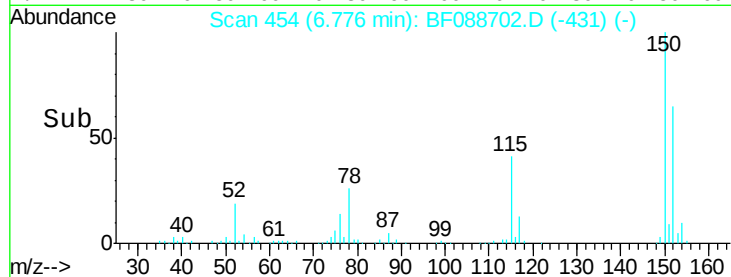
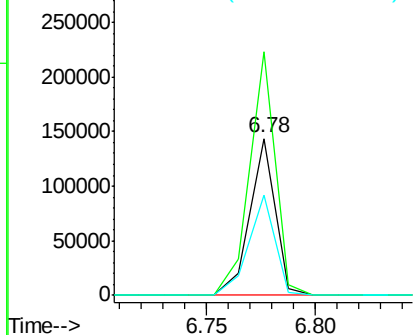
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF088702.D
Acq: 5 Jul 2016 14:47

Instrument :
BNA_F
ClientSampleId :
PB91664BL

Tgt Ion:152 Resp: 117313
Ion Ratio Lower Upper
152 100
150 154.9 123.8 185.6
115 64.1 39.6 59.4#



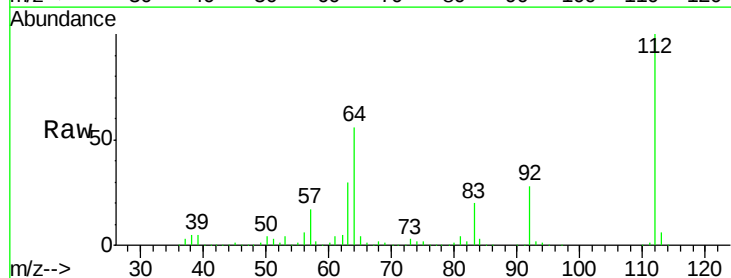
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



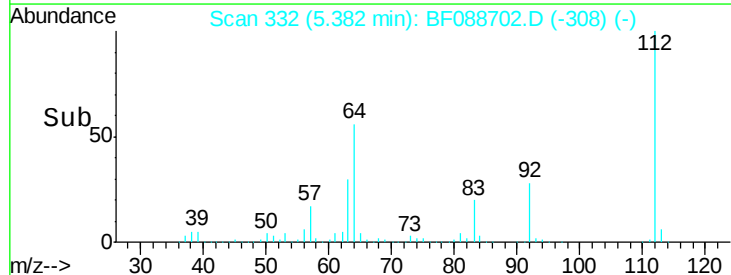
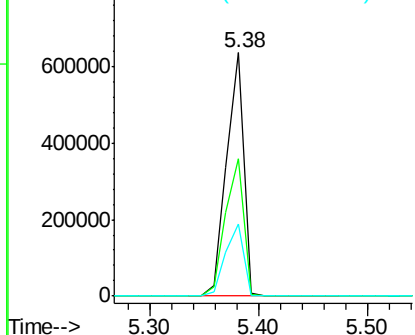
#5

2-Fluorophenol
Concen: 88.51 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088702.D
Acq: 5 Jul 2016 14:47

Tgt Ion:112 Resp: 692797
Ion Ratio Lower Upper
112 100
64 56.4 42.2 63.2
63 29.6 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: 73.88 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.03 min

Lab File: BF088702.D

Acq: 5 Jul 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB91664BL

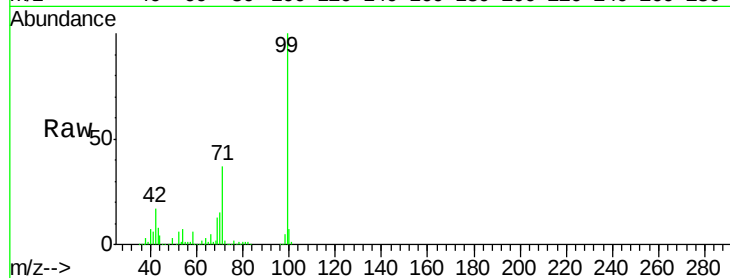
Tgt Ion: 99 Resp: 747293

Ion Ratio Lower Upper

99 100

42 17.5 12.2 18.2

71 36.8 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

800000

600000

400000

200000

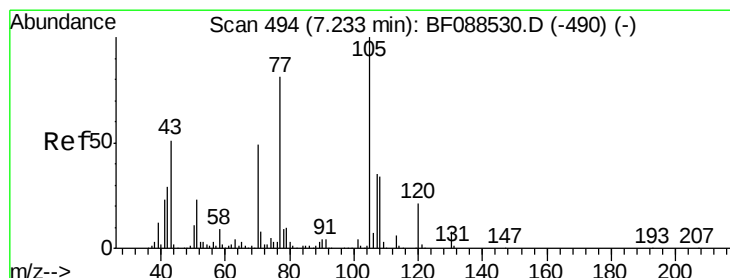
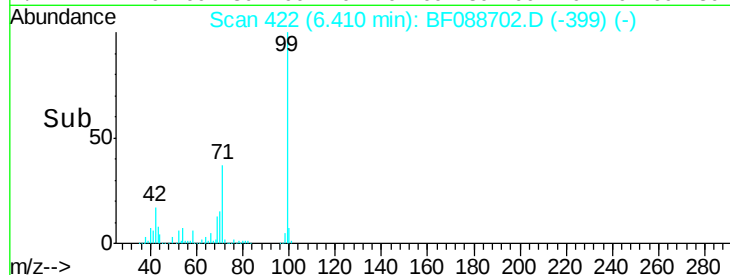
0

6.30

6.40

6.50

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 9.78 ng

RT: 7.34 min Scan# 503

Delta R.T. 0.10 min

Lab File: BF088702.D

Acq: 5 Jul 2016 14:47

Tgt Ion: 70 Resp: 66443

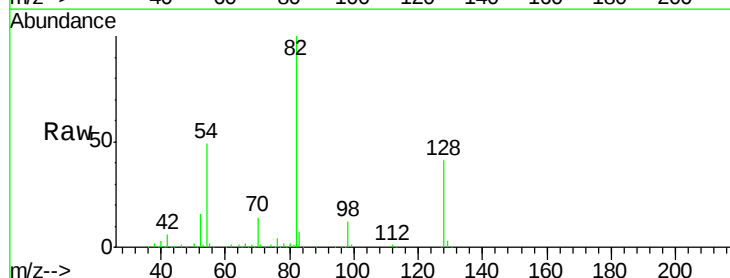
Ion Ratio Lower Upper

70 100

42 43.6 49.6 74.4#

101 0.0 7.1 10.7#

130 2.1 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

100000

80000

60000

40000

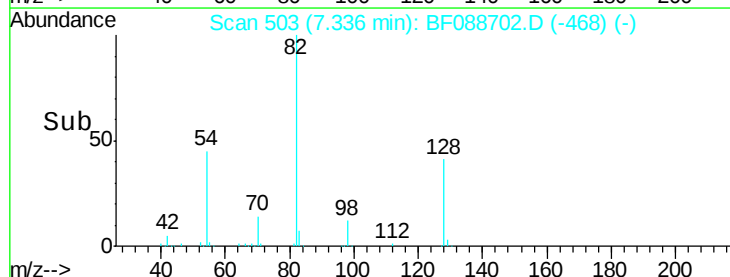
20000

0

7.30

7.35

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.05 min

Lab File: BF088702.D

Acq: 5 Jul 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB91664BL

Tgt Ion:136 Resp: 442247

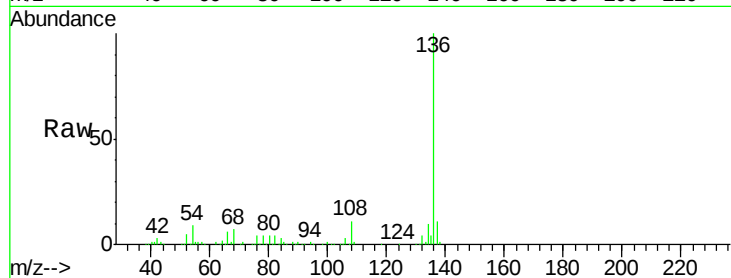
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.0 6.6 10.0

68 7.5 5.1 7.7

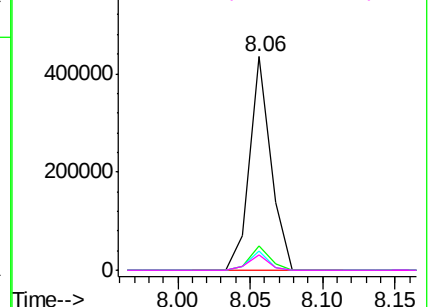
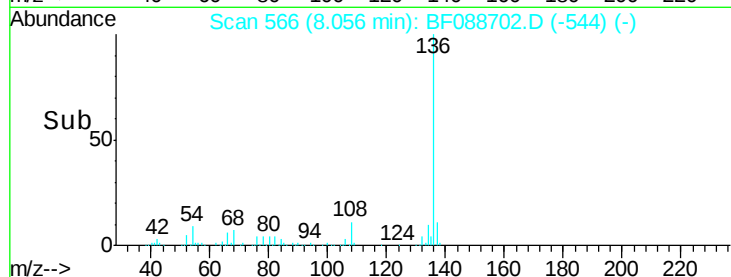


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.92 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.05 min

Lab File: BF088702.D

Acq: 5 Jul 2016 14:47

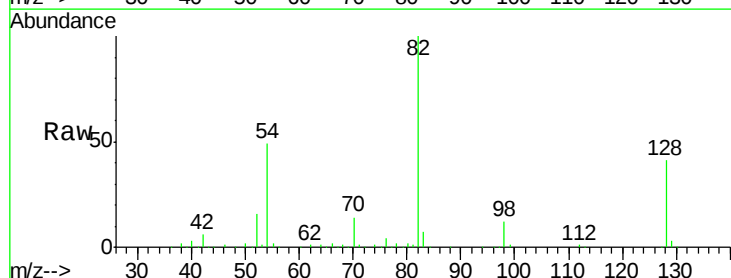
Tgt Ion: 82 Resp: 497195

Ion Ratio Lower Upper

82 100

128 40.8 35.9 53.9

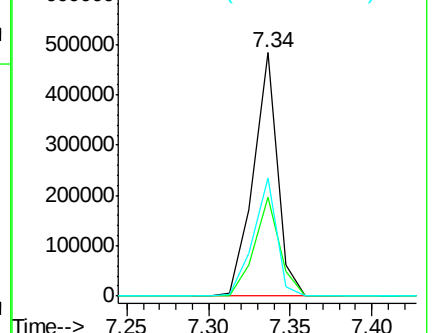
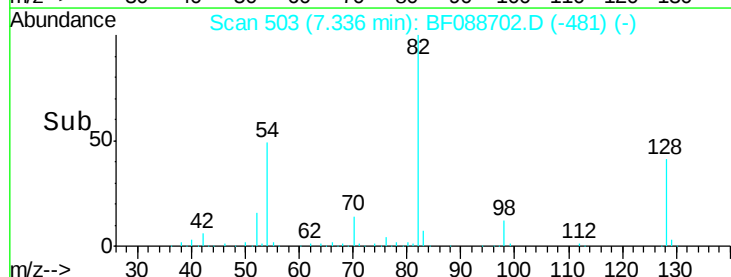
54 48.6 40.9 61.3

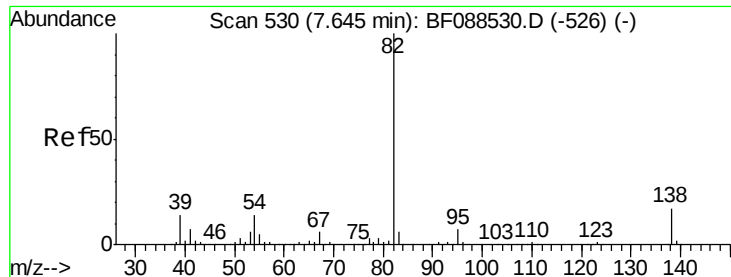


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 23.96 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.31 min

Lab File: BF088702.D

Acq: 5 Jul 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB91664BL

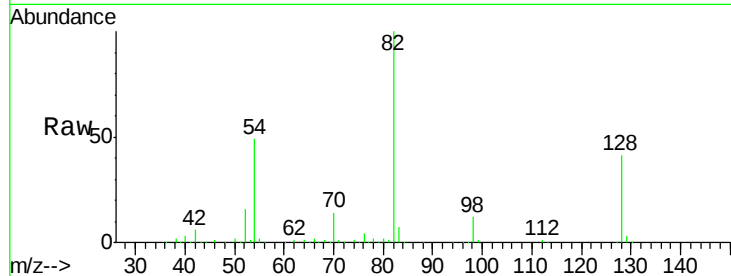
Tgt Ion: 82 Resp: 374572

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

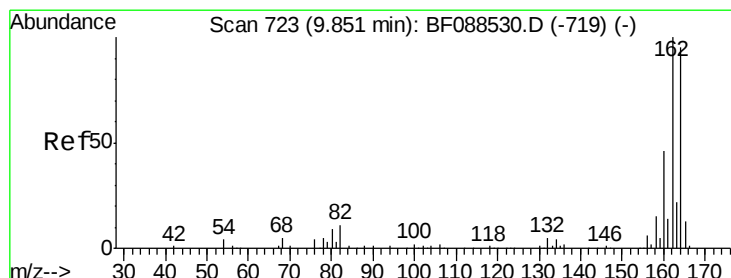
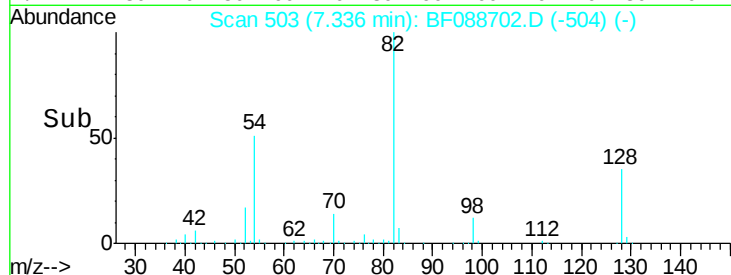
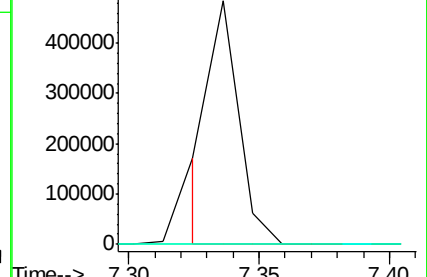
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF088702.D

Acq: 5 Jul 2016 14:47

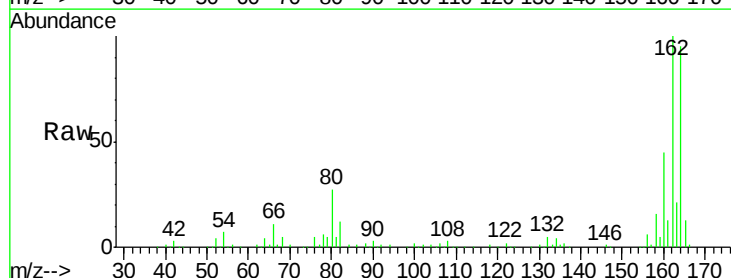
Tgt Ion: 164 Resp: 217199

Ion Ratio Lower Upper

164 100

162 104.9 85.4 128.2

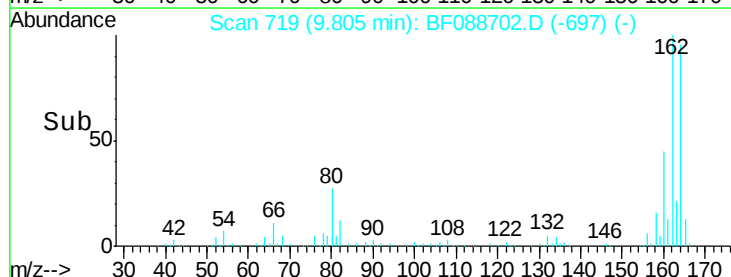
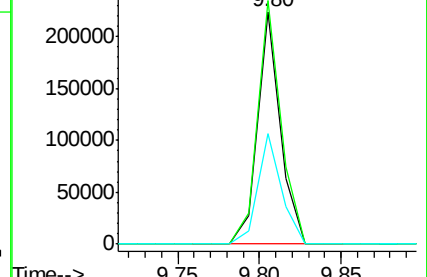
160 47.5 39.5 59.3



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

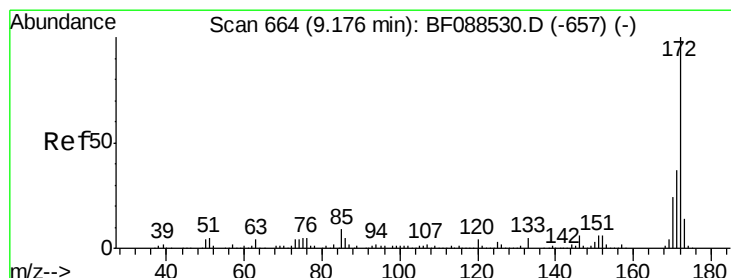
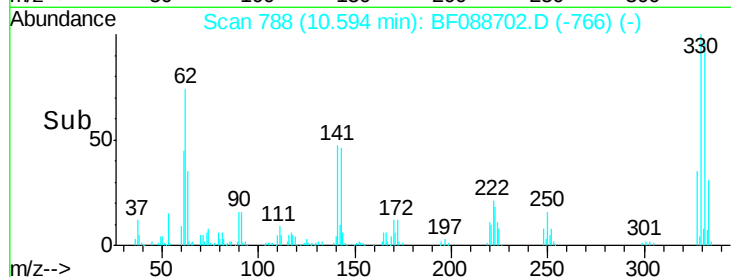
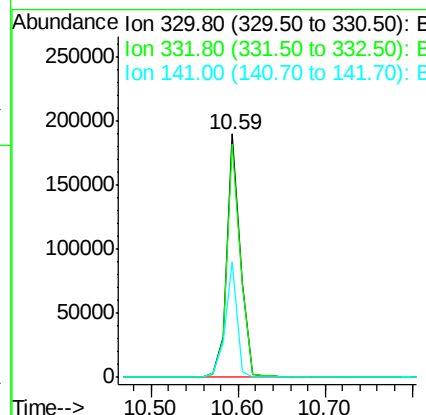
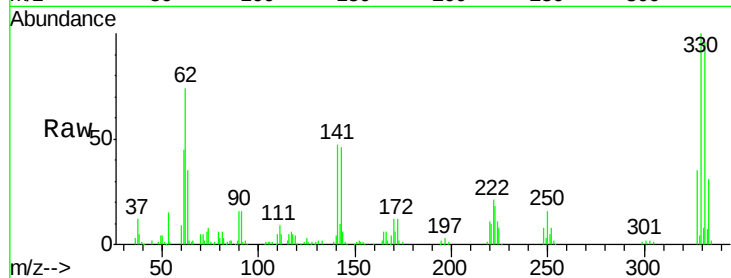




#41
 2,4,6-Tribromophenol
 Concen: 103.96 ng
 RT: 10.59 min Scan# 788
 Delta R.T. -0.05 min
 Lab File: BF088702.D
 Acq: 5 Jul 2016 14:47

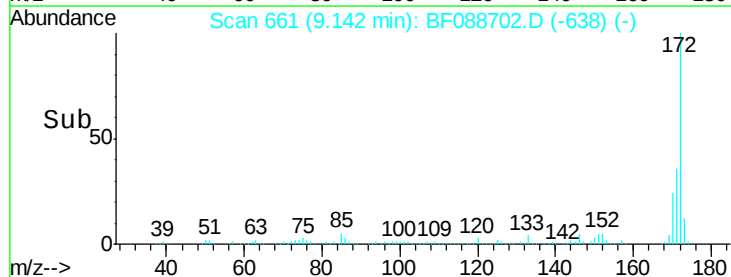
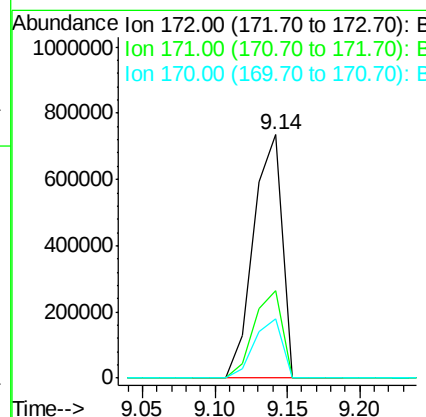
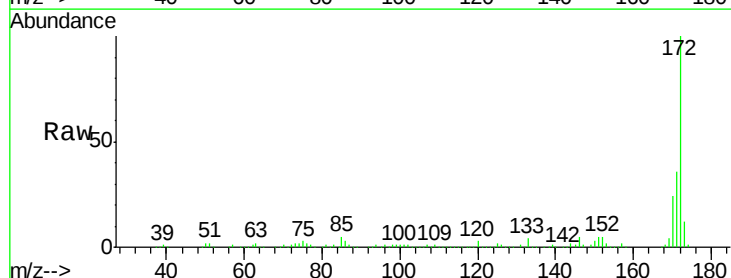
Instrument :
 BNA_F
 ClientSampled :
 PB91664BL

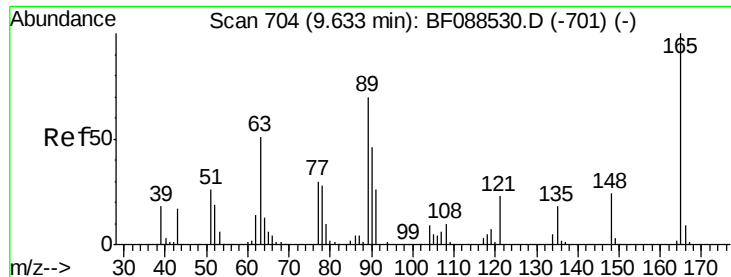
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	41.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 73.04 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088702.D
 Acq: 5 Jul 2016 14:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.2	19.2	28.8

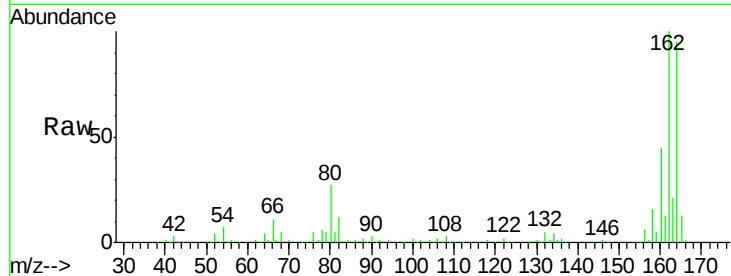




#50
 2,6-Dinitrotoluene
 Concen: 8.18 ng
 RT: 9.80 min Scan# 719
 Delta R.T. 0.17 min
 Lab File: BF088702.D
 Acq: 5 Jul 2016 14:47

Instrument :
 BNA_F
 ClientSampleId :
 PB91664BL

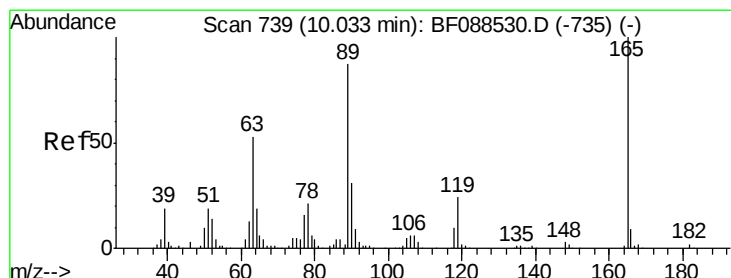
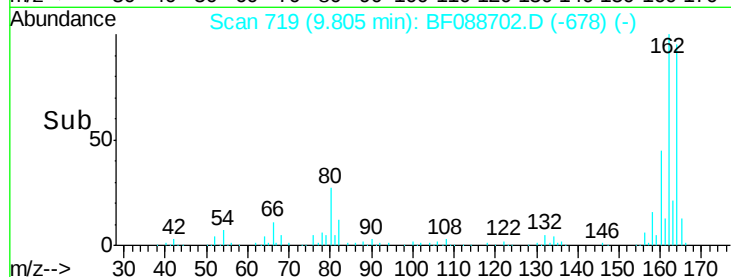
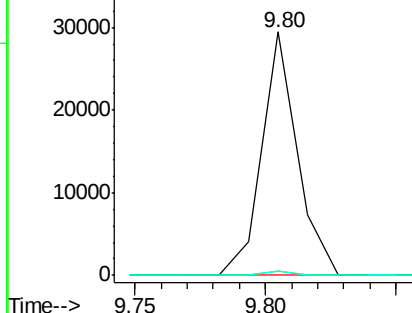
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	28.1	42.1#
89	1.8	32.2	48.2#



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: 6.25 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.23 min
 Lab File: BF088702.D
 Acq: 5 Jul 2016 14:47

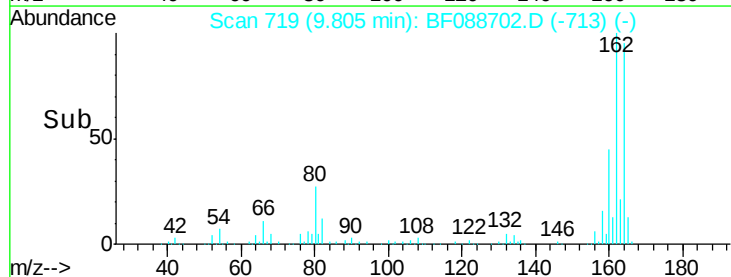
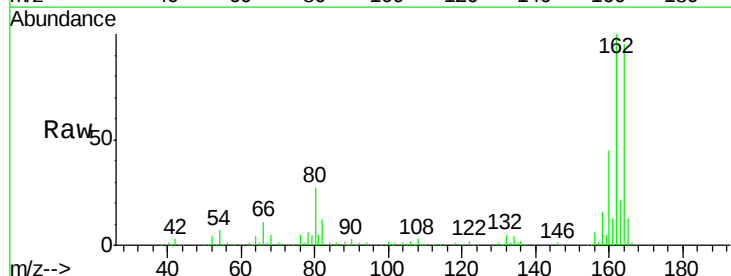
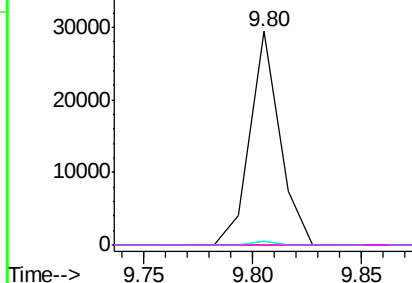
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	22.0	33.0#
89	1.8	41.1	61.7#
182	0.0	2.0	3.0#

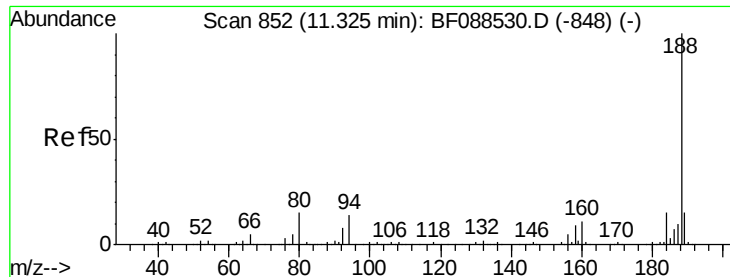
Abundance Ion 165.00 (164.70 to 165.70): E

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

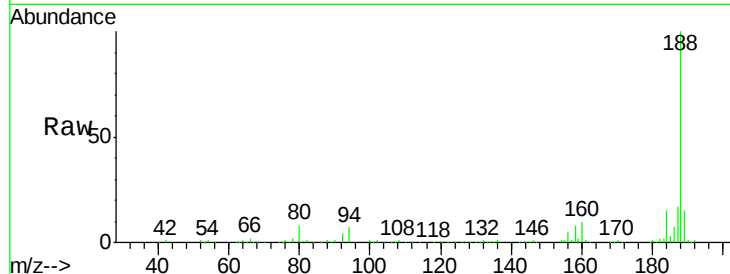




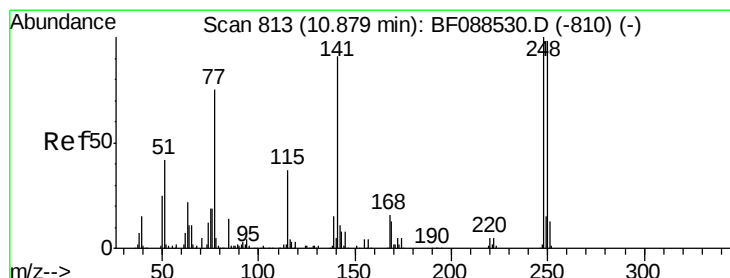
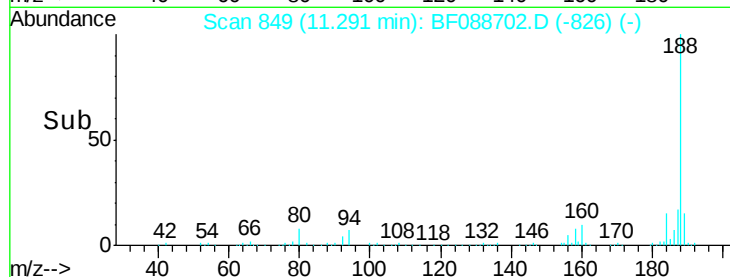
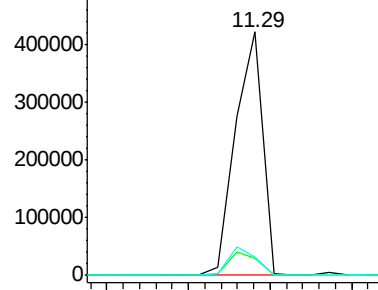
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.03 min
Lab File: BF088702.D
Acq: 5 Jul 2016 14:47

Instrument :
BNA_F
ClientSampled :
PB91664BL

Tgt Ion:188 Resp: 490382
Ion Ratio Lower Upper
188 100
94 7.1 9.0 13.6#
80 7.7 10.0 15.0#

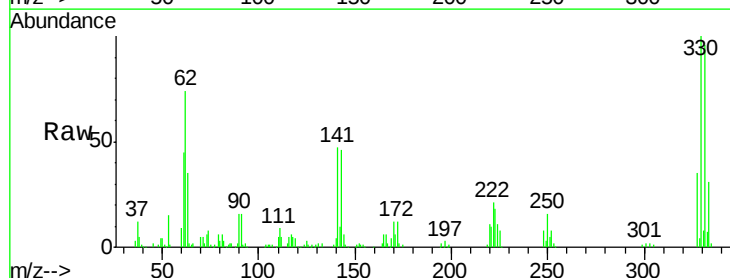


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

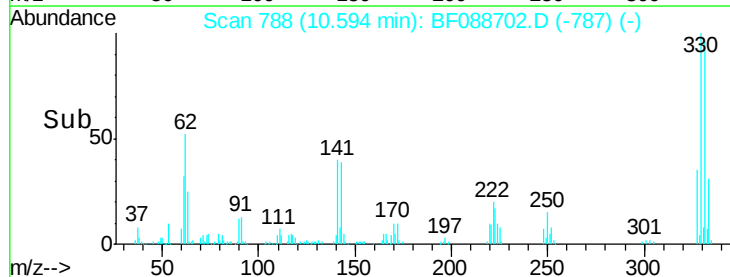
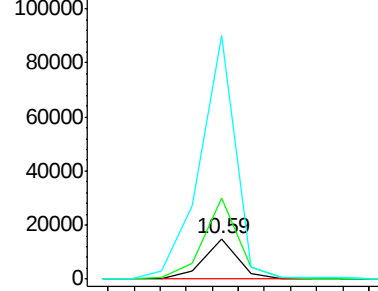


#66
4-Bromophenyl-phenylether
Concen: 2.82 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.29 min
Lab File: BF088702.D
Acq: 5 Jul 2016 14:47

Tgt Ion:248 Resp: 13933
Ion Ratio Lower Upper
248 100
250 200.7 77.1 115.7#
141 601.1 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: 13.91 min Scan# 1078

Delta R.T. -0.05 min

Lab File: BF088702.D

Acq: 5 Jul 2016 14:47

Instrument :

BNA_F

ClientSampled :

PB91664BL

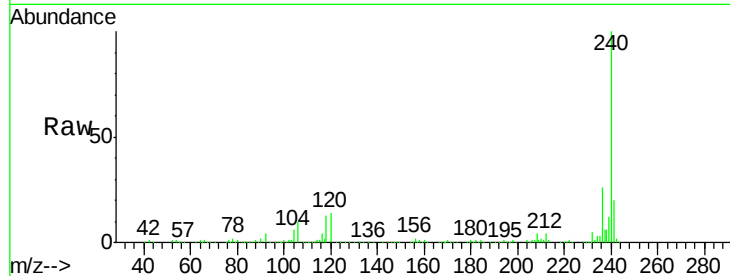
Tgt Ion:240 Resp: 377512

Ion Ratio Lower Upper

240 100

120 14.4 6.8 10.2#

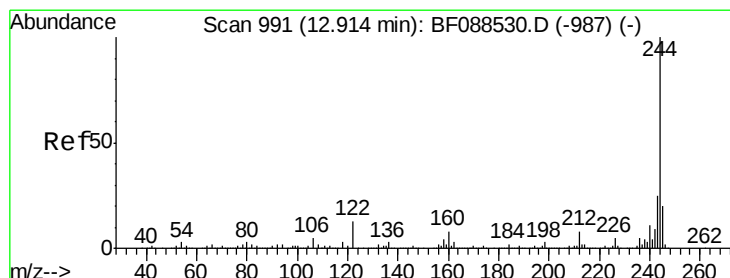
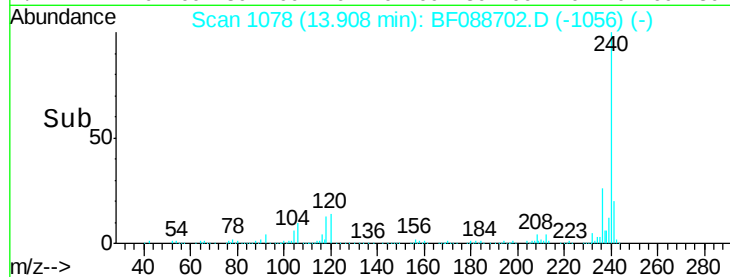
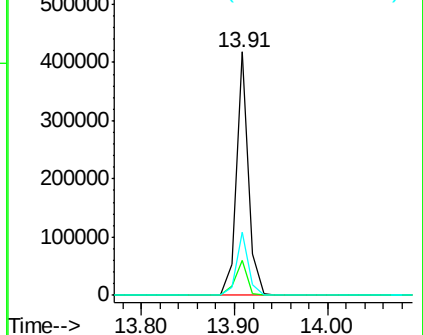
236 26.2 20.2 30.2



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: 57.25 ng

RT: 12.87 min Scan# 987

Delta R.T. -0.05 min

Lab File: BF088702.D

Acq: 5 Jul 2016 14:47

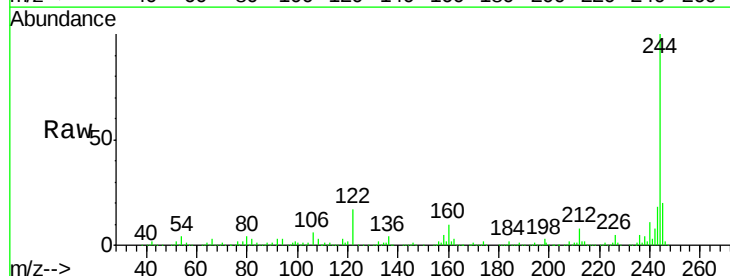
Tgt Ion:244 Resp: 970381

Ion Ratio Lower Upper

244 100

212 8.2 6.0 9.0

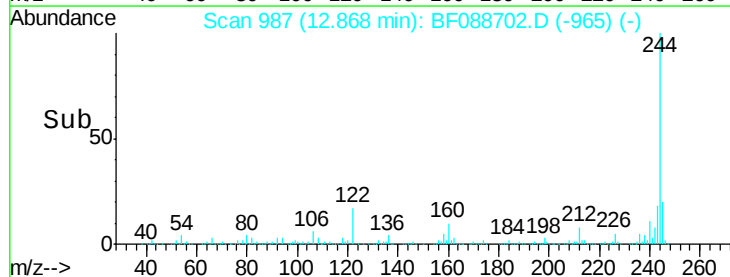
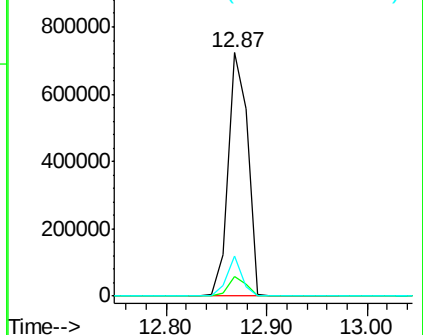
122 16.6 11.2 16.8

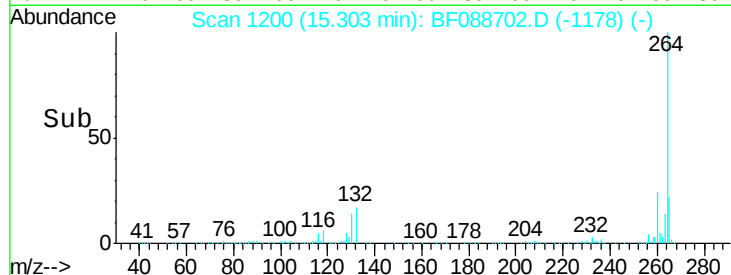
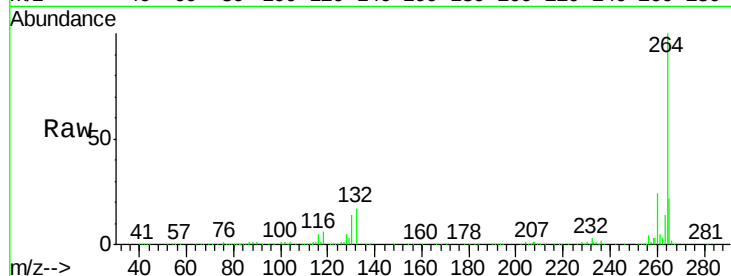
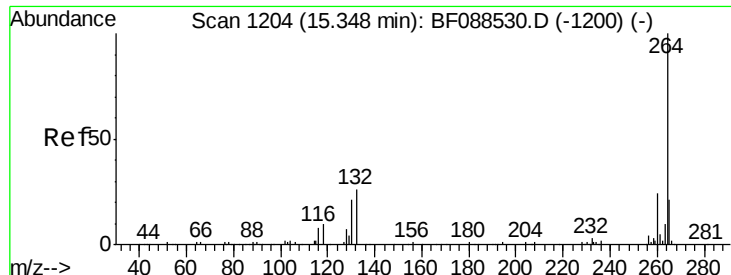


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BF088702.D
Acq: 5 Jul 2016 14:47

Instrument :
BNA_F
ClientSampleId :
PB91664BL

Tgt Ion:	264	Resp:	336390
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	16.9	25.3

