

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070816\
 Data File : BF088822.D
 Acq On : 8 Jul 2016 13:33
 Operator : UM/SJ
 Sample : PB91874BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91874BL

Quant Time: Jul 08 18:54:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

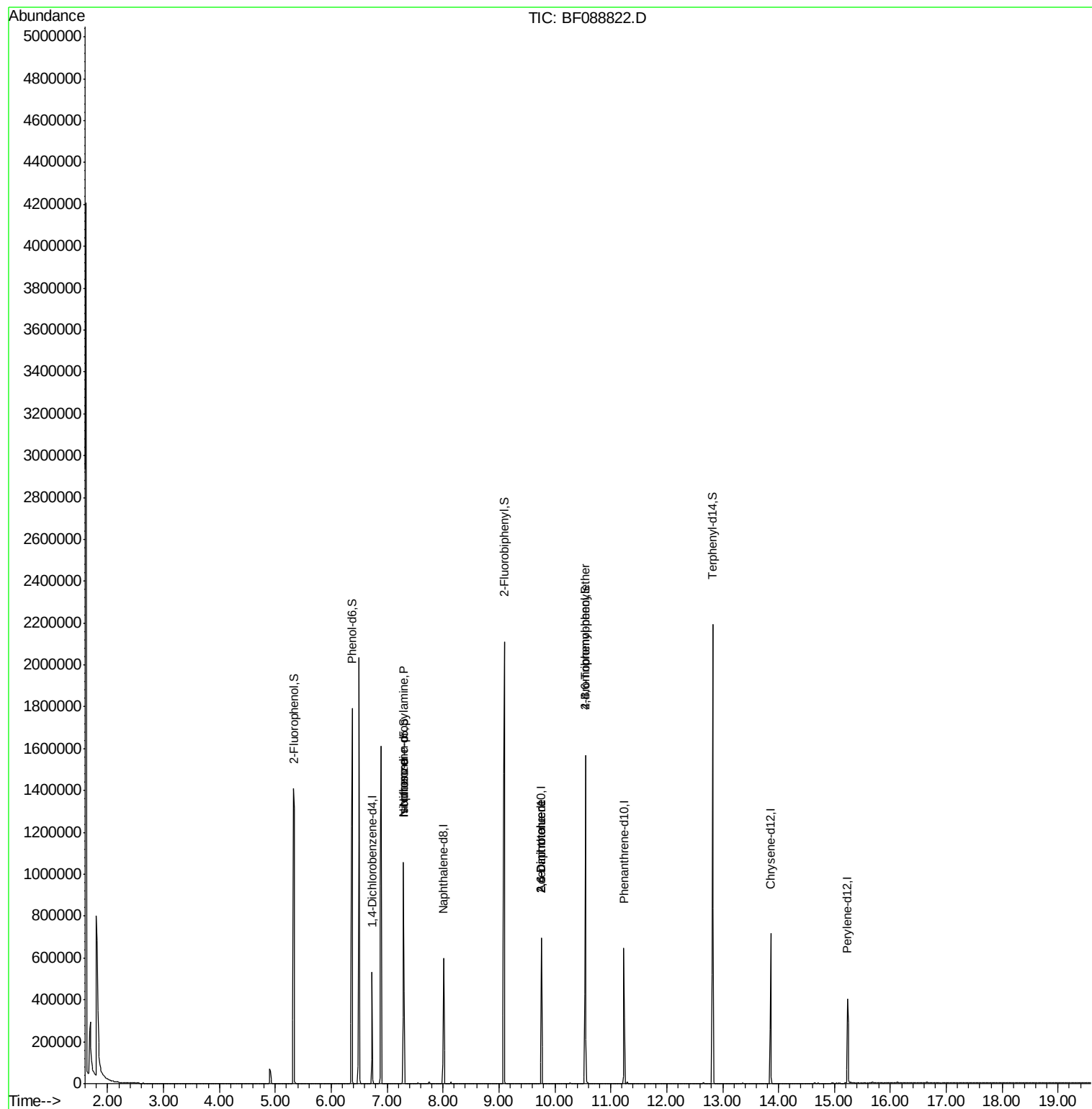
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	76023	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	288986	20.00	ng	-0.06
38) Acenaphthene-d10	9.76	164	140127	20.00	ng	-0.06
63) Phenanthrene-d10	11.23	188	271440	20.00	ng	-0.06
75) Chrysene-d12	13.86	240	251012	20.00	ng	-0.06
86) Perylene-d12	15.23	264	202570	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	626184	123.44	ng	-0.03
7) Phenol-d6	6.38	99	848596	129.47	ng	-0.03
23) Nitrobenzene-d5	7.29	82	447260	81.11	ng	-0.06
41) 2,4,6-Tribromophenol	10.55	330	178000	136.79	ng	-0.06
44) 2-Fluorobiphenyl	9.10	172	917486	103.42	ng	-0.05
78) Terphenyl-d14	12.82	244	794745	70.52	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	58874	13.37	ng	# 73
25) Isophorone	7.29	82	366054	35.84	ng	# 65
50) 2,6-Dinitrotoluene	9.76	165	17862	8.07	ng	# 39
56) 2,4-Dinitrotoluene	9.76	165	17859	6.17	ng	# 37
66) 4-Bromophenyl-phenylether	10.55	248	12327	4.51	ng	# 1

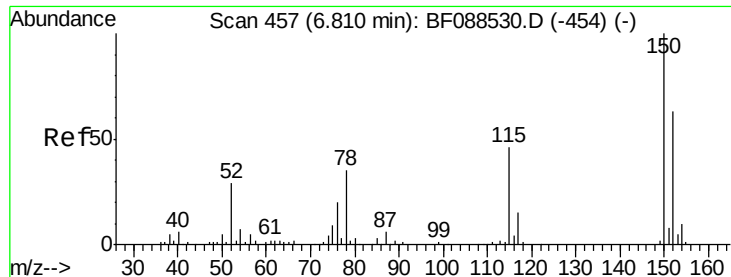
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF088822.D

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BNA_F

ClientSampleId :

PB91874BL

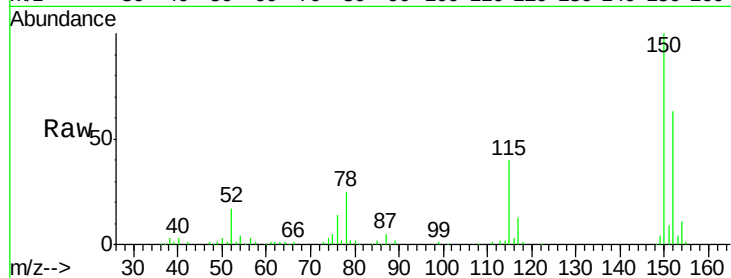
Tgt Ion:152 Resp: 76023

Ion Ratio Lower Upper

152 100

150 157.8 123.8 185.6

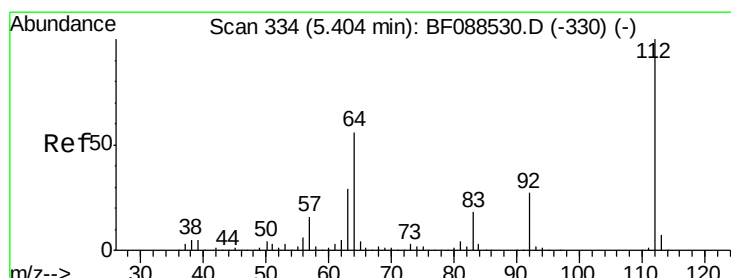
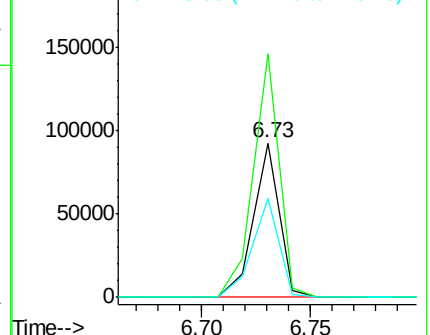
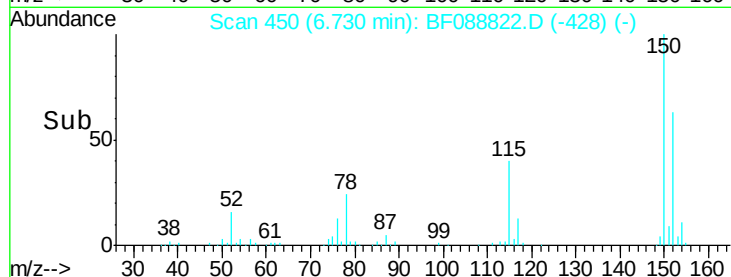
115 63.8 39.6 59.4#



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: 123.44 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF088822.D

Acq: 8 Jul 2016 13:33

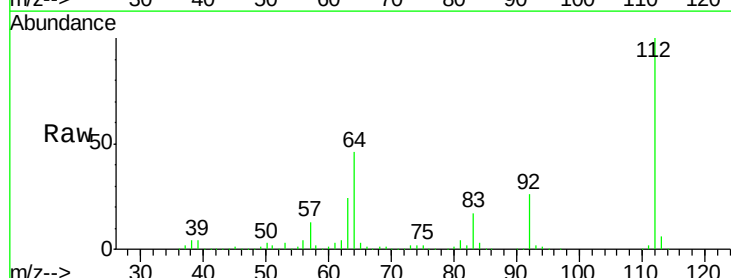
Tgt Ion:112 Resp: 626184

Ion Ratio Lower Upper

112 100

64 45.5 42.2 63.2

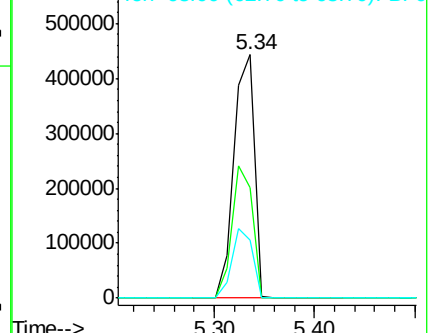
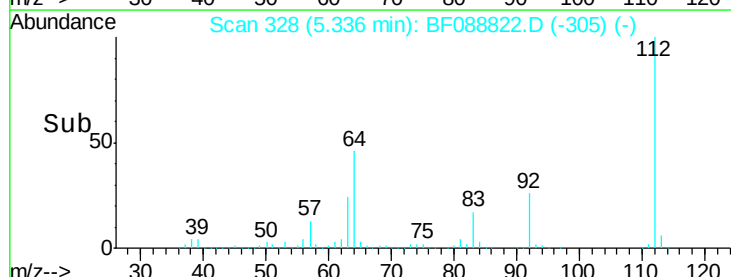
63 23.8 21.8 32.8

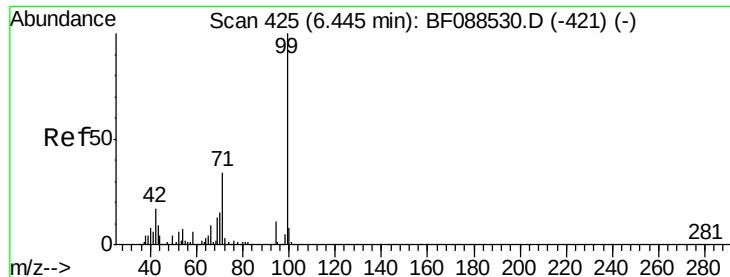


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.47 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF088822.D

Acq: 8 Jul 2016 13:33

Instrument :

BNA_F

ClientSampleId :

PB91874BL

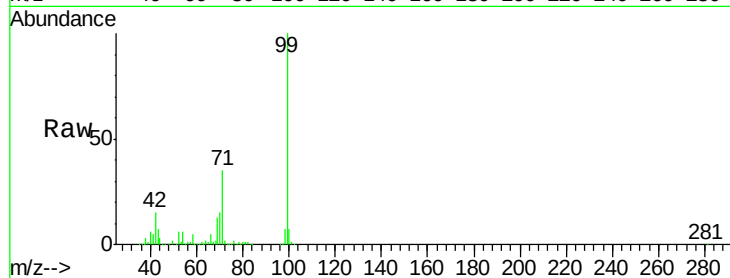
Tgt Ion: 99 Resp: 848596

Ion Ratio Lower Upper

99 100

42 14.6 12.2 18.2

71 35.3 23.4 35.0#

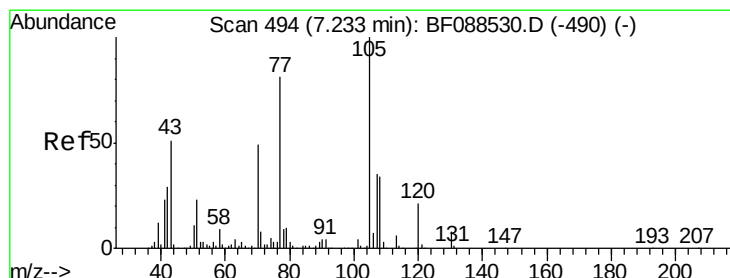
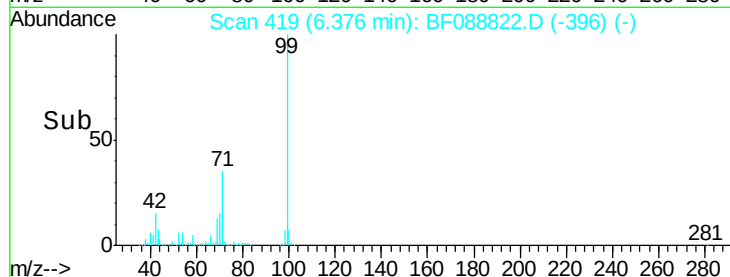
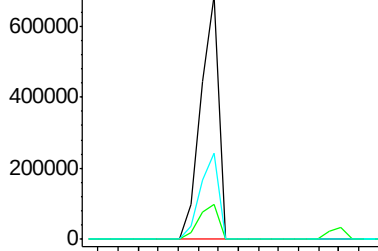


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

6.38



#19

n-Nitroso-di-n-propylamine

Concen: 13.37 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.09 min

Lab File: BF088822.D

Acq: 8 Jul 2016 13:33

Tgt Ion: 70 Resp: 58874

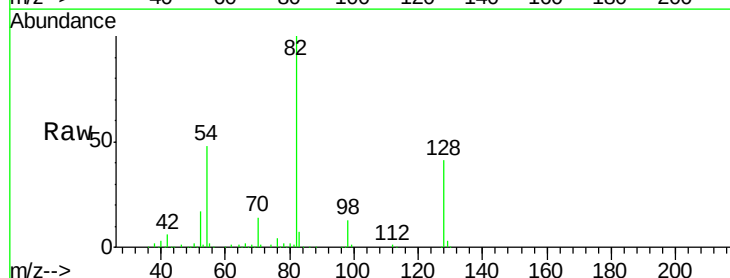
Ion Ratio Lower Upper

70 100

42 43.5 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 15.4 23.2#



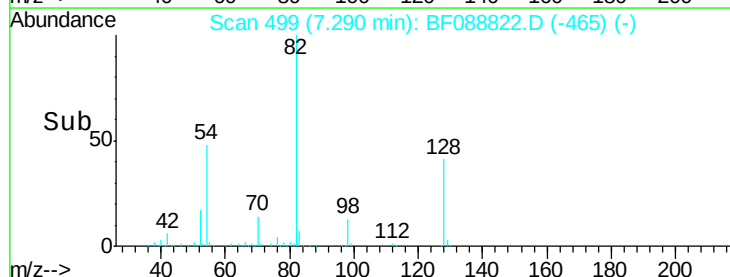
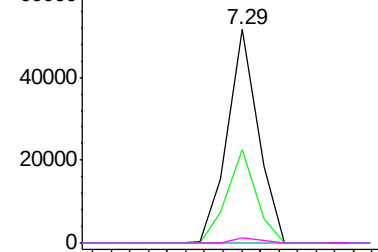
Abundance Ion 70.00 (69.70 to 70.70): BF0

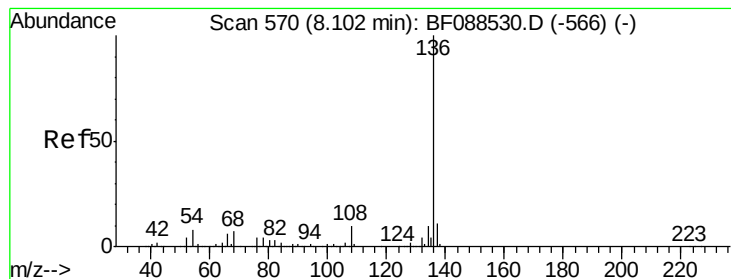
Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

7.29





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.06 min

Lab File: BF088822.D

Acq: 8 Jul 2016 13:33

Instrument :

BNA_F

ClientSampleId :

PB91874BL

Tgt Ion:136 Resp: 288986

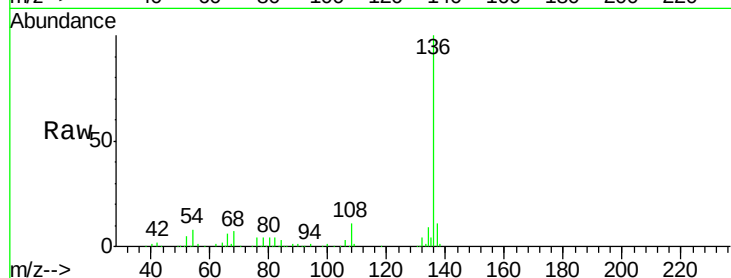
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.8 6.6 10.0

68 6.5 5.1 7.7

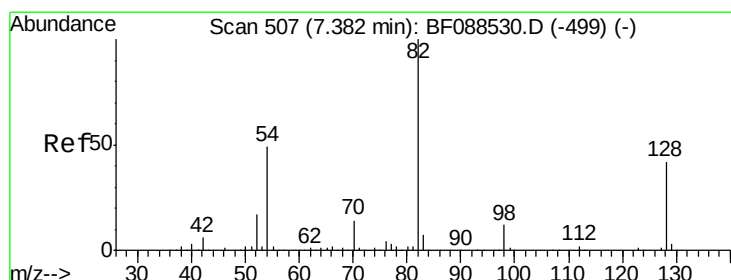
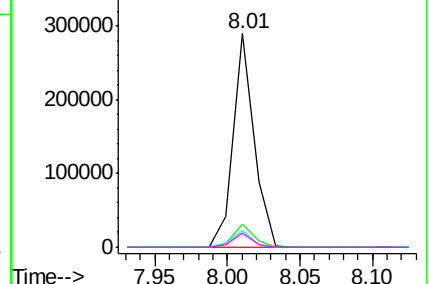
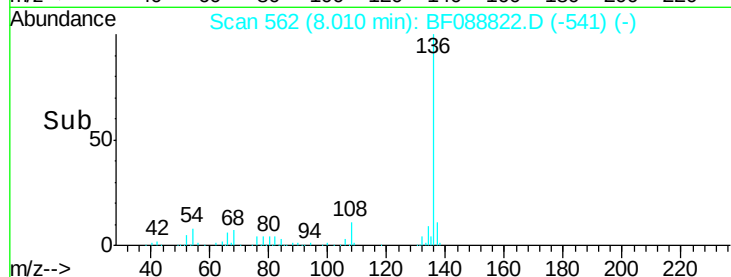


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.11 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.06 min

Lab File: BF088822.D

Acq: 8 Jul 2016 13:33

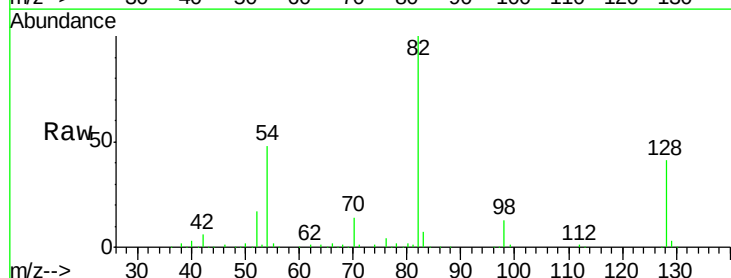
Tgt Ion: 82 Resp: 447260

Ion Ratio Lower Upper

82 100

128 41.0 35.9 53.9

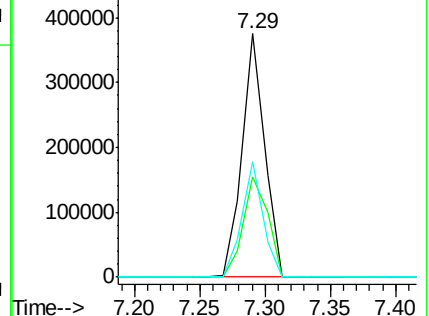
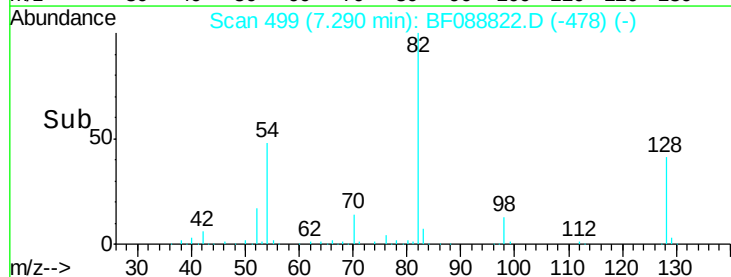
54 47.7 40.9 61.3

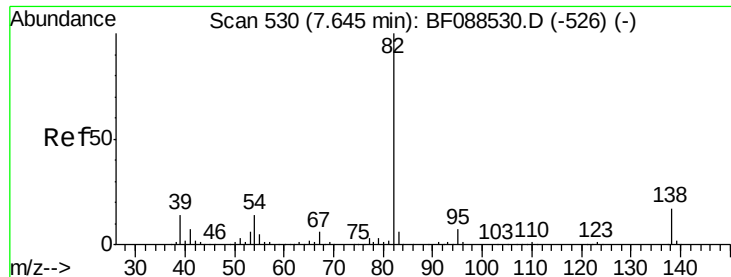


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.84 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.32 min

Lab File: BF088822.D

Acq: 8 Jul 2016 13:33

Instrument :

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ClientSampleID :

PB91874BL

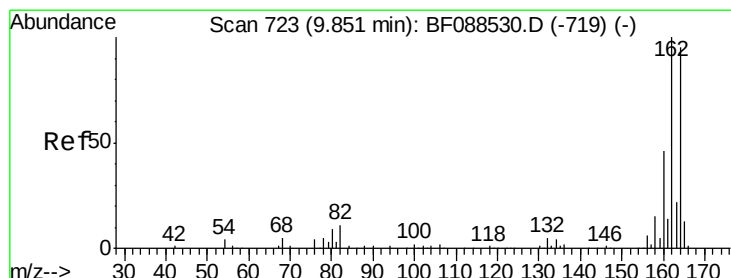
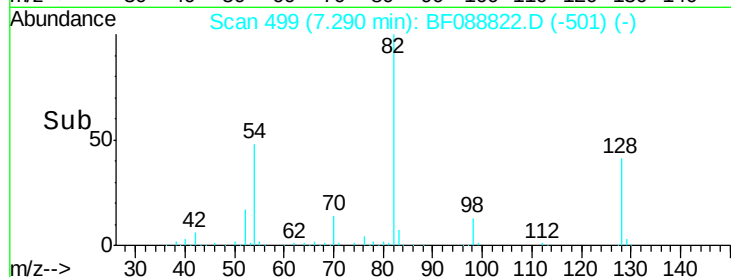
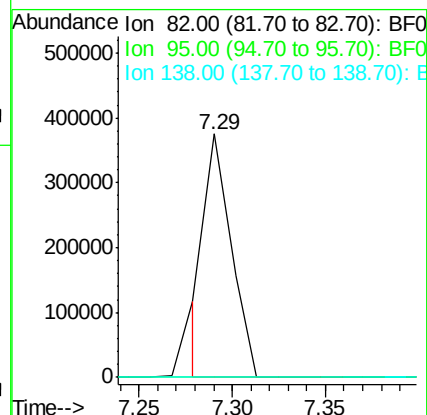
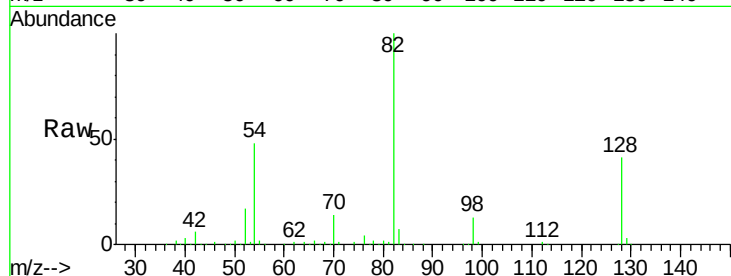
Tgt Ion: 82 Resp: 366054

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.06 min

Lab File: BF088822.D

Acq: 8 Jul 2016 13:33

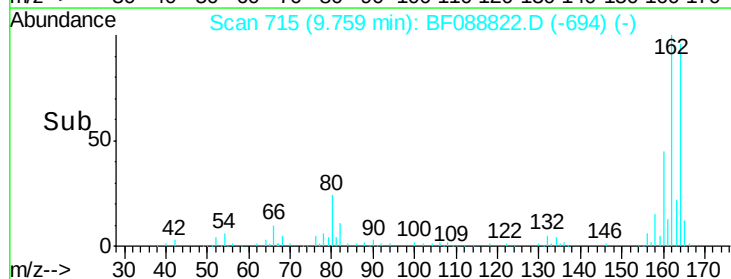
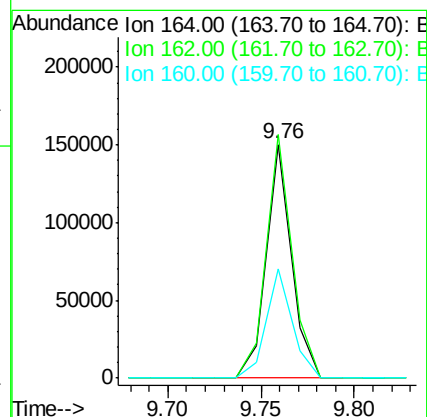
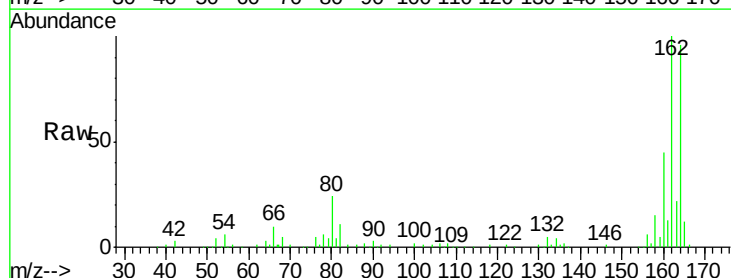
Tgt Ion: 164 Resp: 140127

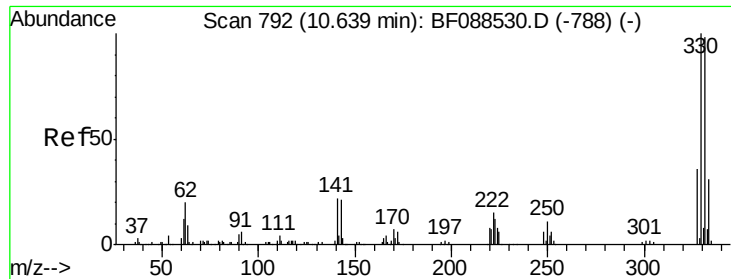
Ion Ratio Lower Upper

164 100

162 104.2 85.4 128.2

160 46.6 39.5 59.3

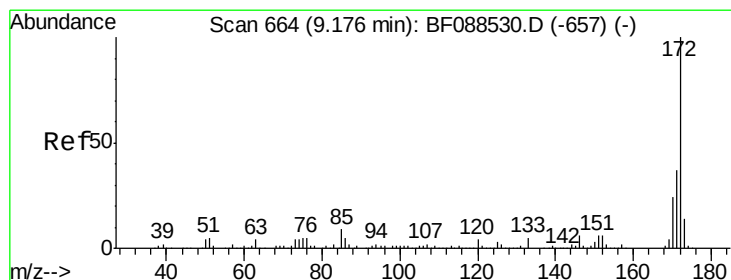
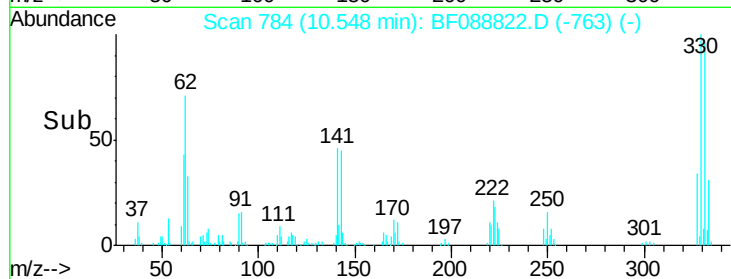
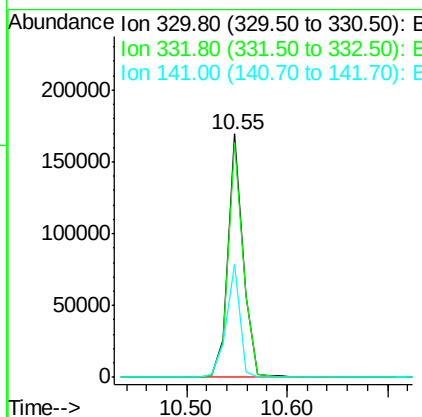
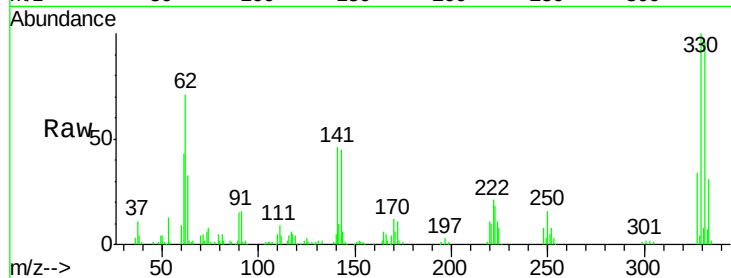




#41
 2,4,6-Tribromophenol
 Concen: 136.79 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.06 min
 Lab File: BF088822.D
 Acq: 8 Jul 2016 13:33

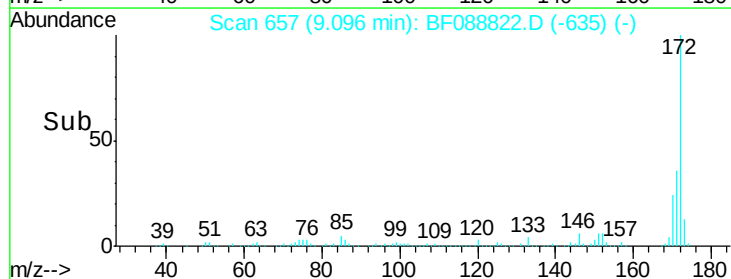
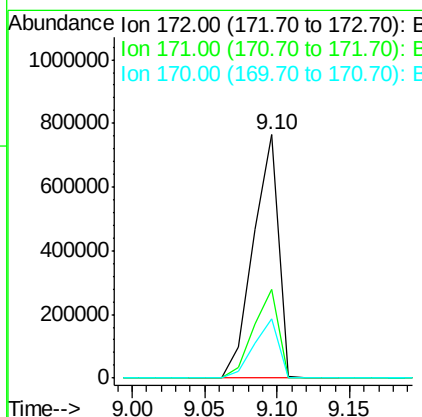
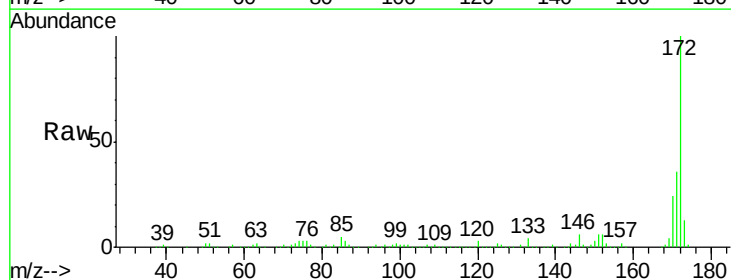
Instrument :
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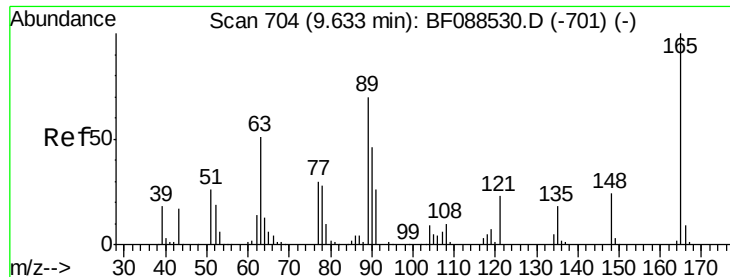
Tgt Ion:330 Resp: 178000
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 41.9 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 103.42 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.05 min
 Lab File: BF088822.D
 Acq: 8 Jul 2016 13:33

Tgt Ion:172 Resp: 917486
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.1 19.2 28.8

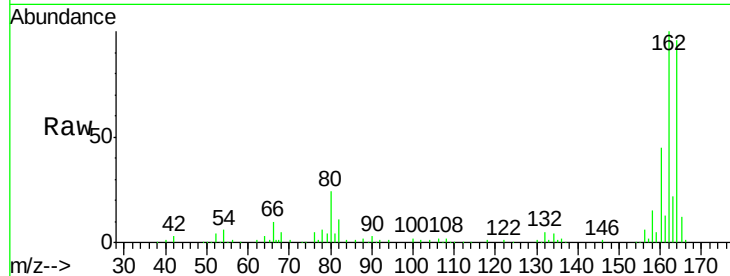




#50
 2,6-Dinitrotoluene
 Concen: 8.07 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.16 min
 Lab File: BF088822.D
 Acq: 8 Jul 2016 13:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91874BL

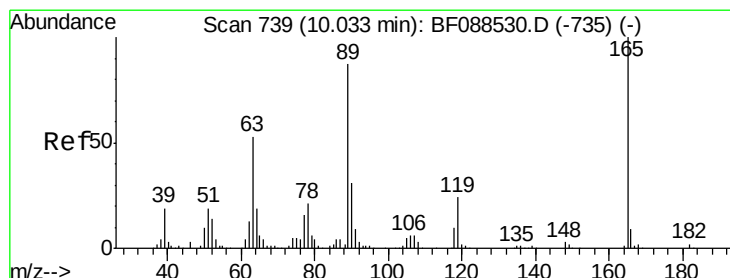
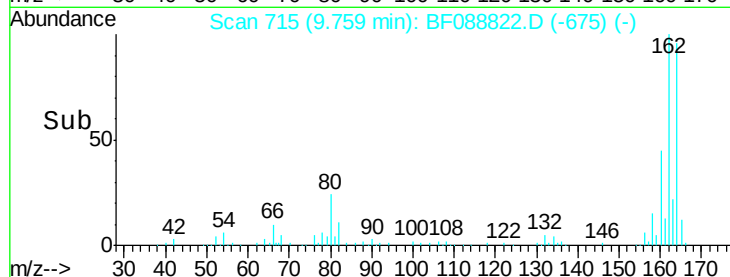
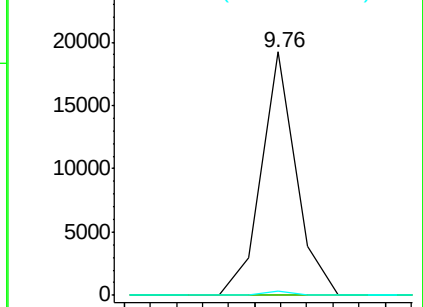
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	1.7	32.2	48.2#



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: 6.17 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.24 min
 Lab File: BF088822.D
 Acq: 8 Jul 2016 13:33

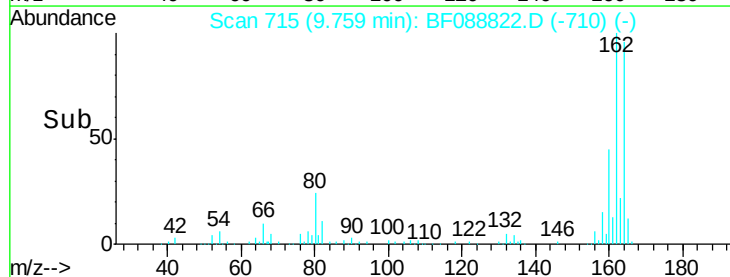
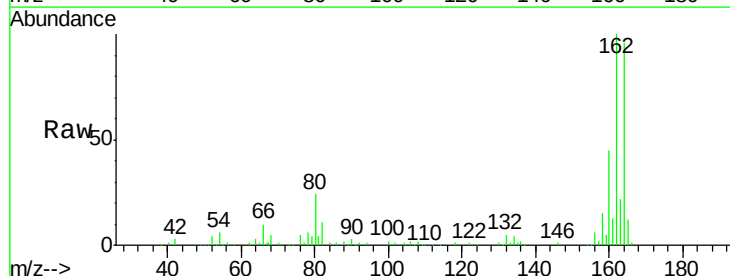
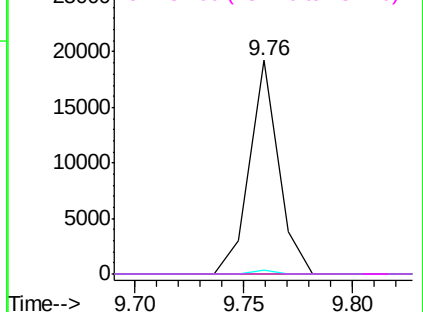
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	1.7	41.1	61.7#
182	0.0	2.0	3.0#

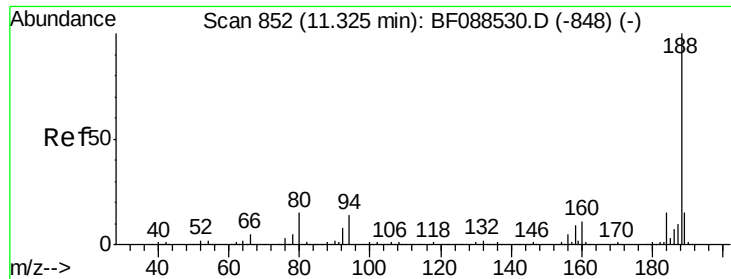
Abundance Ion 165.00 (164.70 to 165.70): E

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

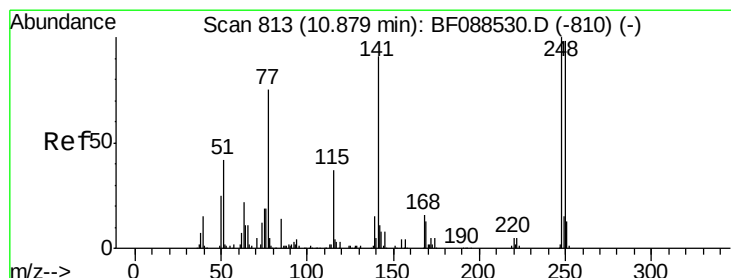
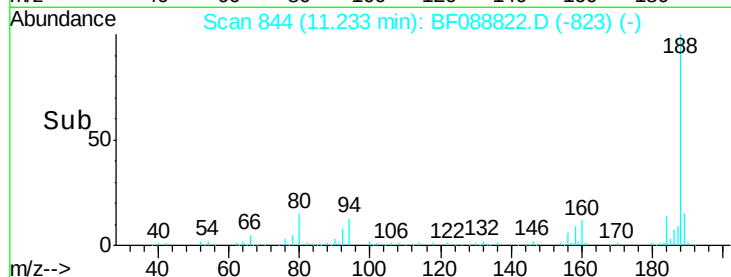
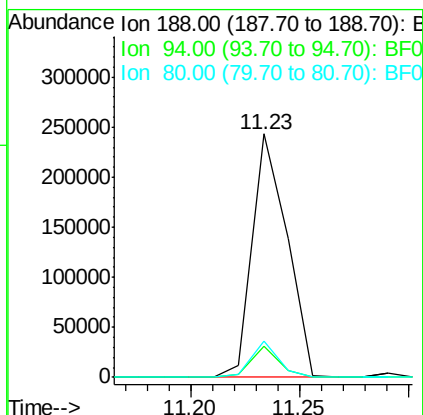
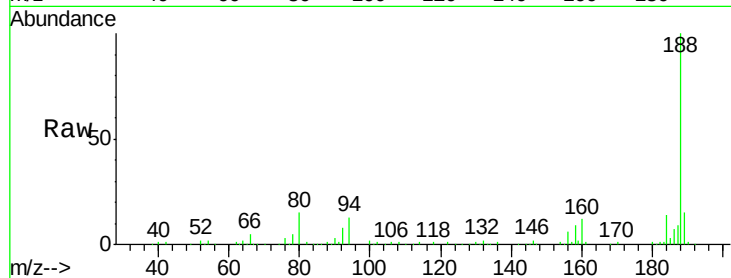




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.06 min
Lab File: BF088822.D
Acq: 8 Jul 2016 13:33

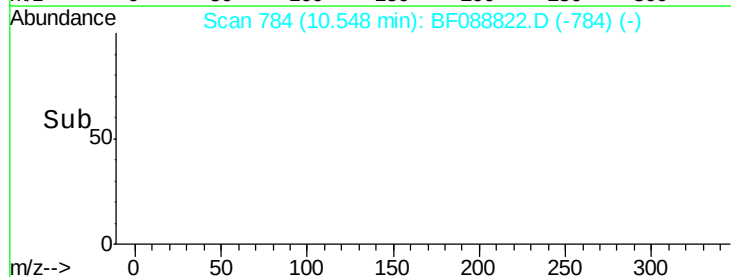
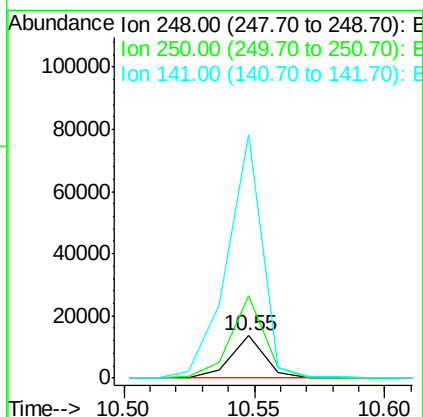
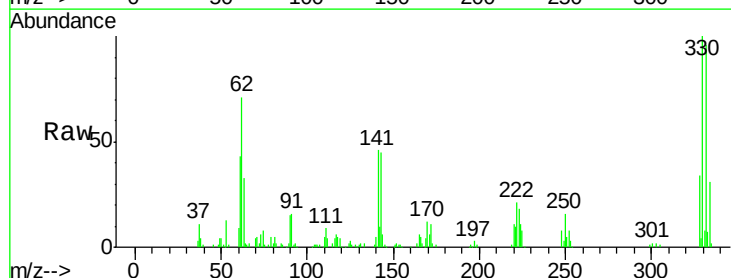
Instrument :
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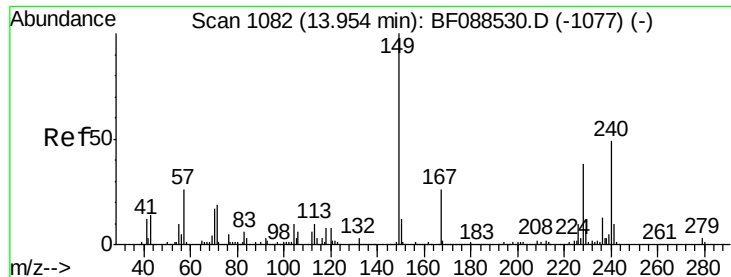
Tgt Ion:188 Resp: 271440
Ion Ratio Lower Upper
188 100
94 12.8 9.0 13.6
80 15.1 10.0 15.0#



#66
4-Bromophenyl-phenylether
Concen: 4.51 ng
RT: 10.55 min Scan# 784
Delta R.T. -0.30 min
Lab File: BF088822.D
Acq: 8 Jul 2016 13:33

Tgt Ion:248 Resp: 12327
Ion Ratio Lower Upper
248 100
250 194.6 77.1 115.7#
141 574.8 50.6 76.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.06 min

Lab File: BF088822.D

Acq: 8 Jul 2016 13:33

Instrument :

BNA_F

ClientSampleId :

PB91874BL

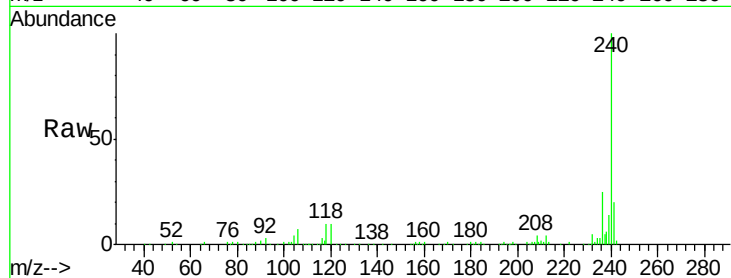
Tgt Ion:240 Resp: 251012

Ion Ratio Lower Upper

240 100

120 10.2 6.8 10.2#

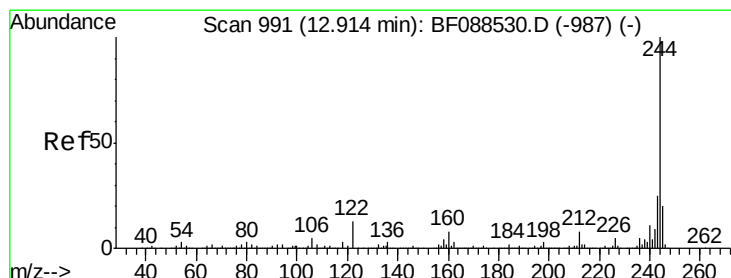
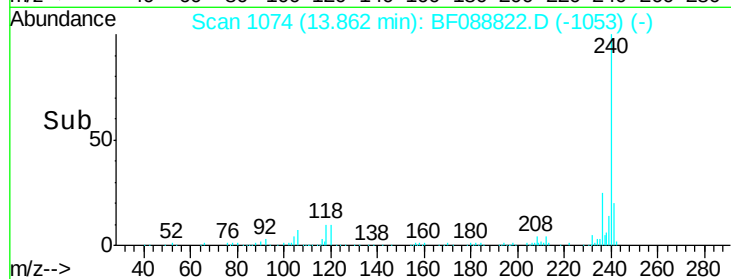
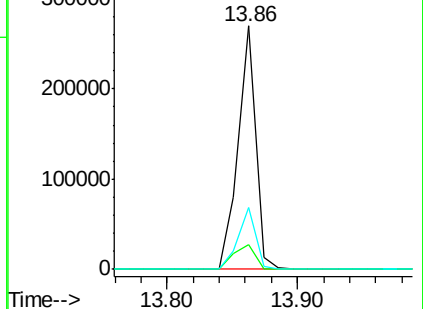
236 25.4 20.2 30.2



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: 70.52 ng

RT: 12.82 min Scan# 983

Delta R.T. -0.05 min

Lab File: BF088822.D

Acq: 8 Jul 2016 13:33

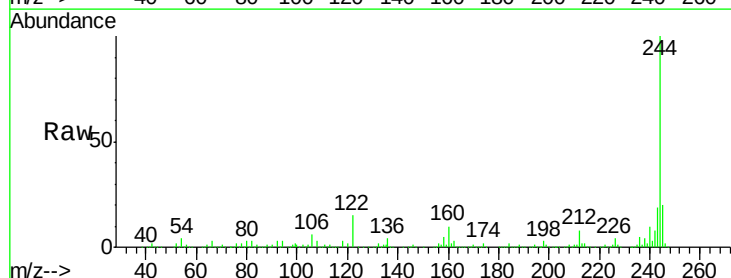
Tgt Ion:244 Resp: 794745

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

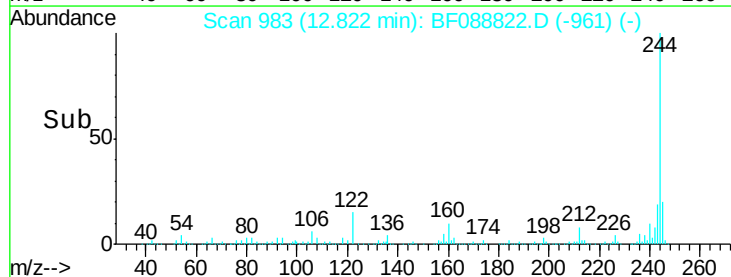
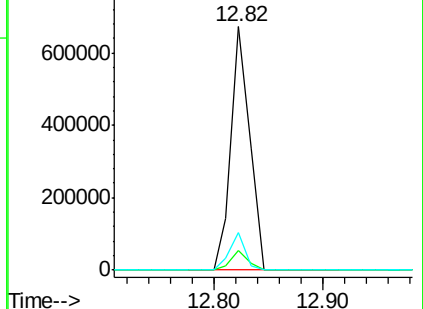
122 15.2 11.2 16.8

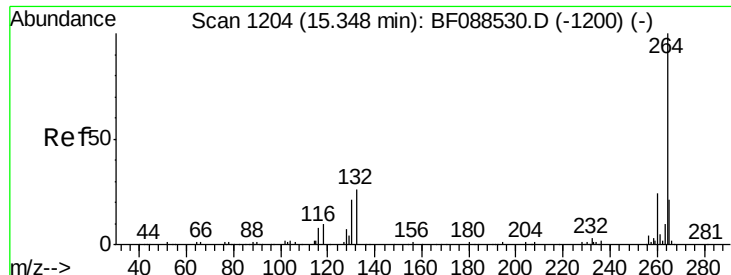


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

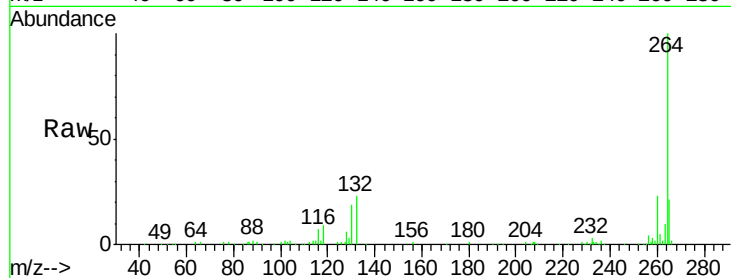




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.07 min
Lab File: BF088822.D
Acq: 8 Jul 2016 13:33

Instrument :
BNA_F
ClientSampleId :
PB91874BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.9	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

