

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
 Data File : BF088991.D
 Acq On : 14 Jul 2016 17:46
 Operator : UM/SJ
 Sample : PB92031BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92031BL

Quant Time: Jul 15 01:16:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

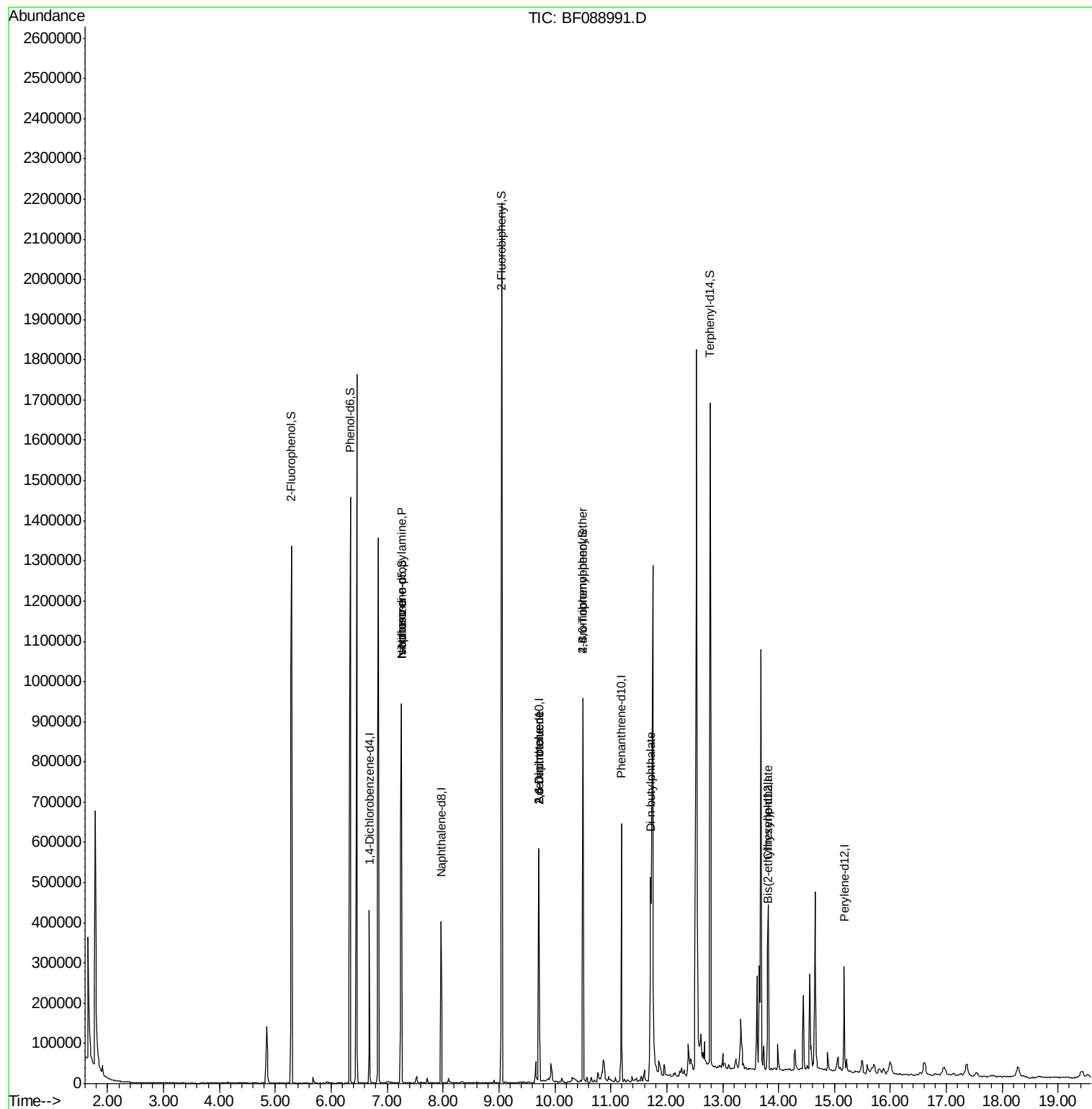
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	59360	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	212672	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	108623	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	209540	20.00	ng	-0.03
75) Chrysene-d12	13.82	240	158767	20.00	ng	-0.03
86) Perylene-d12	15.18	264	103314	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	491552	124.11	ng	0.00
7) Phenol-d6	6.34	99	659334	128.83	ng	-0.01
23) Nitrobenzene-d5	7.26	82	413408	101.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	79593	78.91	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	706058	102.67	ng	-0.02
78) Terphenyl-d14	12.78	244	567384	79.60	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	56142	16.33	ng	# 70
25) Isophorone	7.26	82	379617	50.50	ng	# 65
50) 2,6-Dinitrotoluene	9.71	165	14248	8.31	ng	# 37
56) 2,4-Dinitrotoluene	9.71	165	14248	6.35	ng	# 36
66) 4-Bromophenyl-phenylether	10.50	248	6687	3.17	ng	# 1
73) Di-n-butylphthalate	11.71	149	25256	2.03	ng	100
83) Bis(2-ethylhexyl)phthalate	13.81	149	32667	4.77	ng	# 97

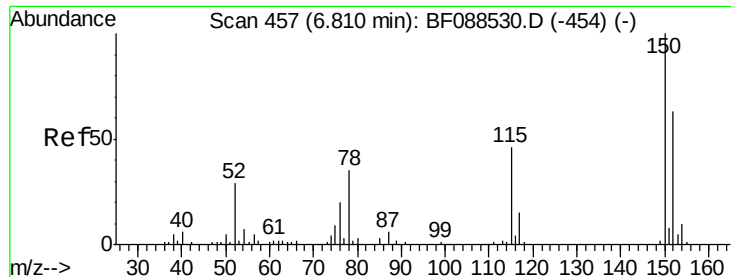
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF088991.D

Acq: 14 Jul 2016 17:46

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BNA_F

ClientSampleId :

PB92031BL

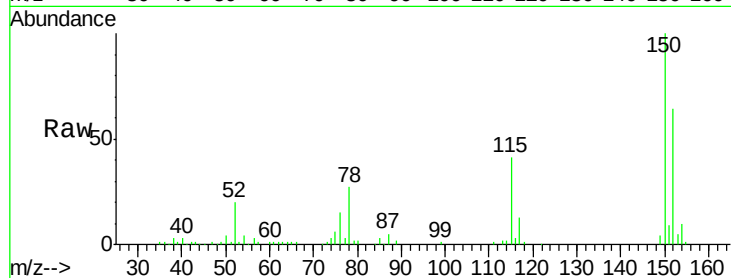
Tgt Ion:152 Resp: 59360

Ion Ratio Lower Upper

152 100

150 155.4 123.8 185.6

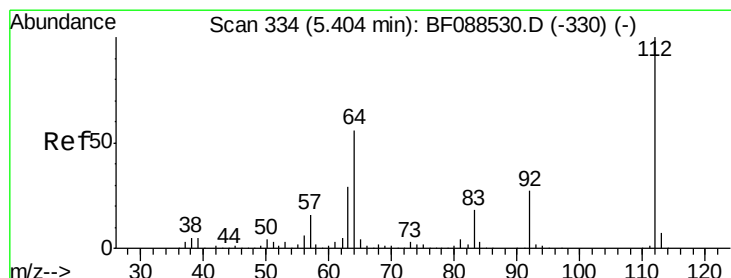
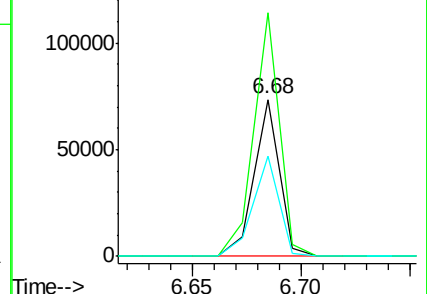
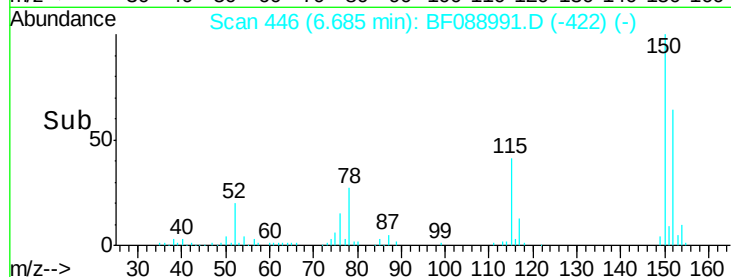
115 64.2 39.6 59.4#



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: 124.11 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.00 min

Lab File: BF088991.D

Acq: 14 Jul 2016 17:46

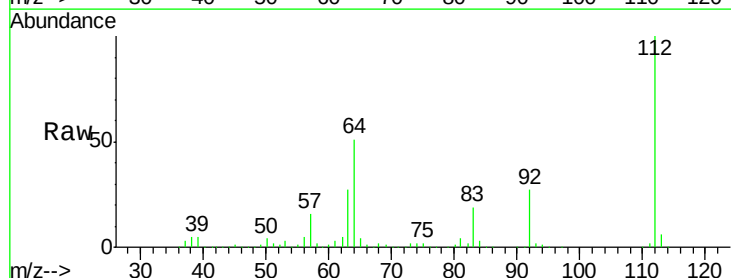
Tgt Ion:112 Resp: 491552

Ion Ratio Lower Upper

112 100

64 50.6 42.2 63.2

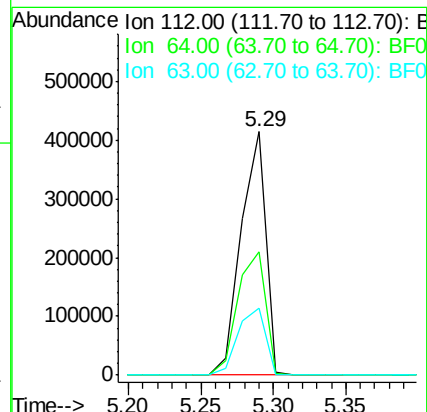
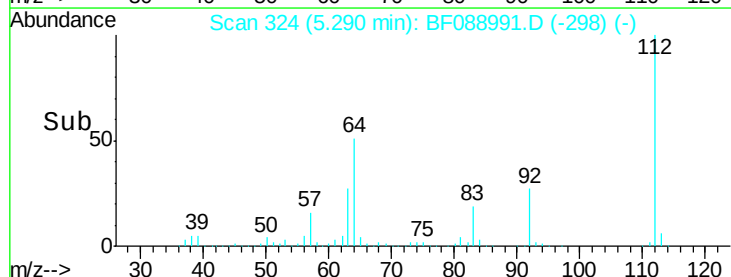
63 27.4 21.8 32.8

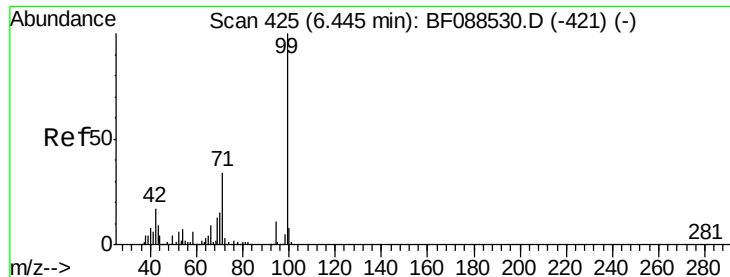


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.83 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088991.D

Acq: 14 Jul 2016 17:46

Instrument :

BNA_F

ClientSampleId :

PB92031BL

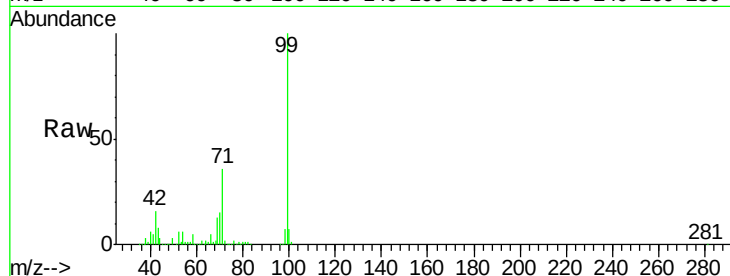
Tgt Ion: 99 Resp: 659334

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.2

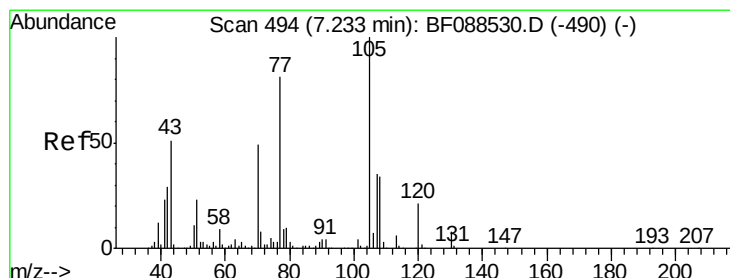
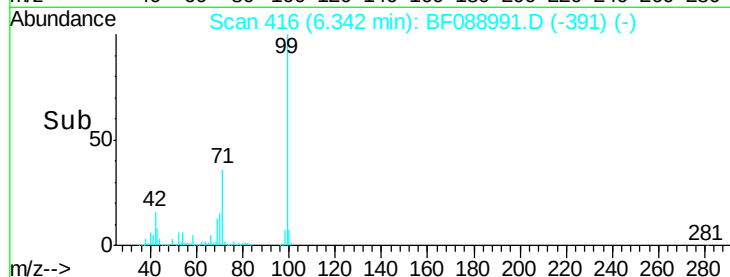
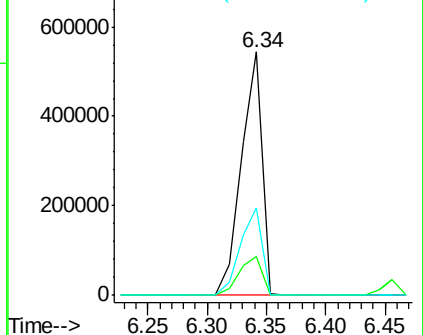
71 36.0 23.4 35.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.33 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.11 min

Lab File: BF088991.D

Acq: 14 Jul 2016 17:46

Tgt Ion: 70 Resp: 56142

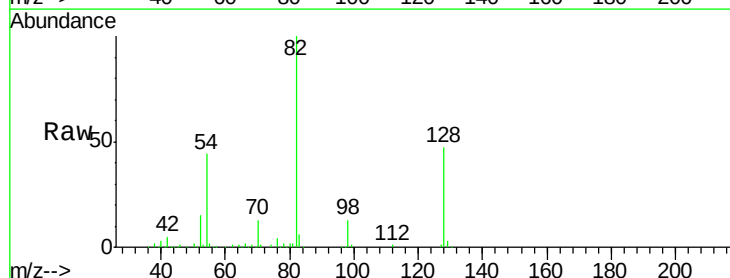
Ion Ratio Lower Upper

70 100

42 39.7 49.6 74.4#

101 0.0 7.1 10.7#

130 2.1 15.4 23.2#

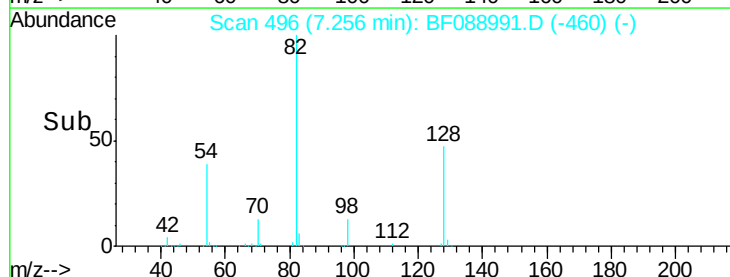
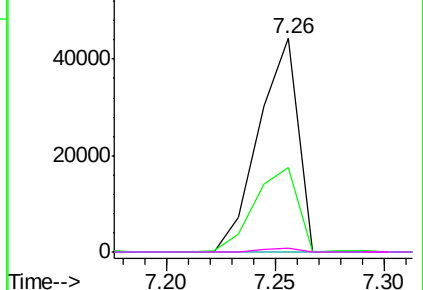


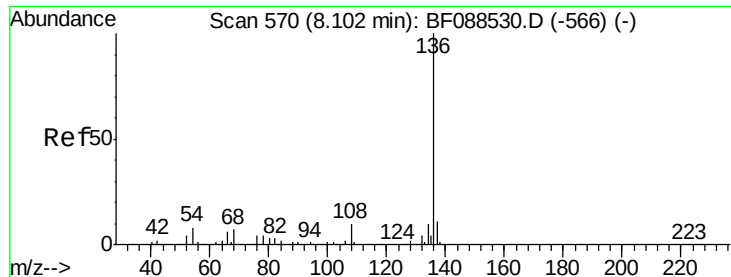
Abundance Ion 70.00 (69.70 to 70.70): BF0

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.03 min

Lab File: BF088991.D

Acq: 14 Jul 2016 17:46

Instrument :

BNA_F

ClientSampleId :

PB92031BL

Tgt Ion:136 Resp: 212672

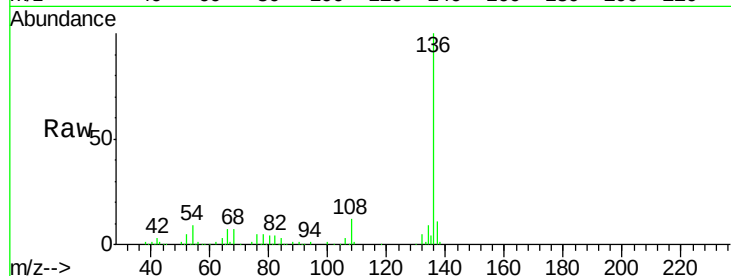
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.1 6.6 10.0

68 6.8 5.1 7.7

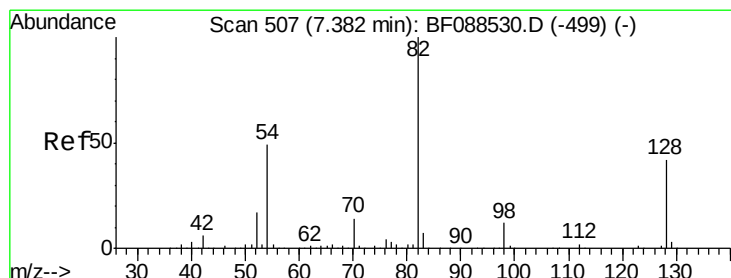
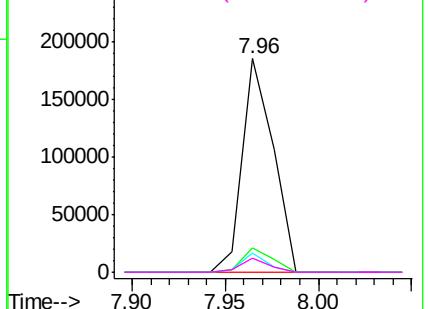
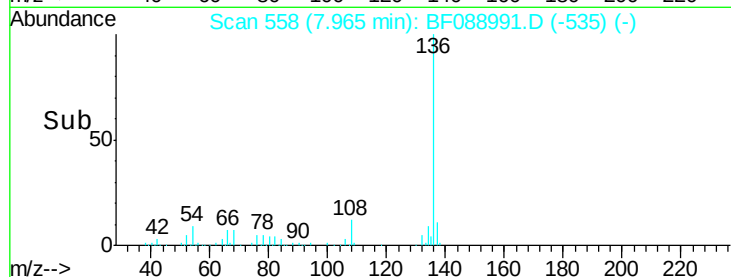


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.87 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF088991.D

Acq: 14 Jul 2016 17:46

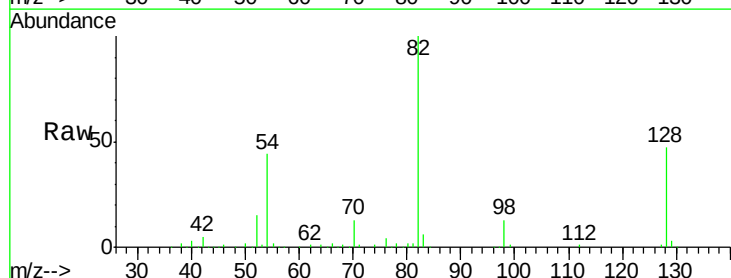
Tgt Ion: 82 Resp: 413408

Ion Ratio Lower Upper

82 100

128 47.2 35.9 53.9

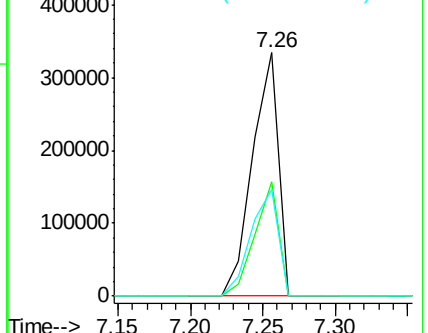
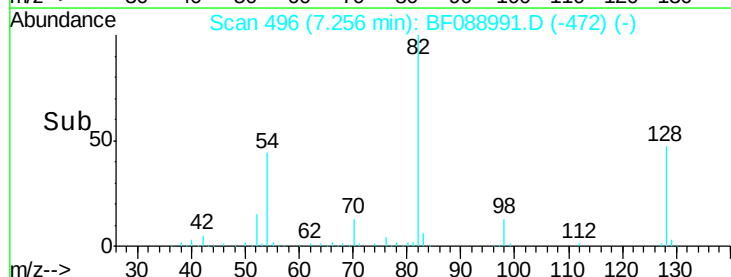
54 43.8 40.9 61.3

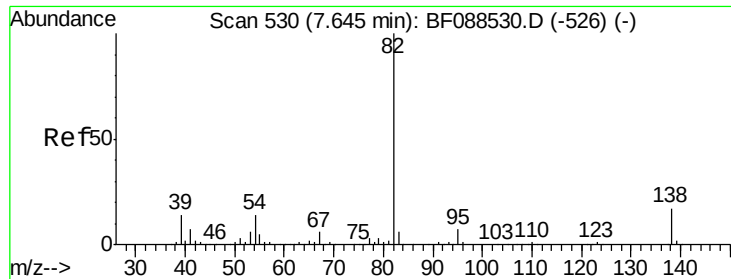


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 50.50 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.29 min

Lab File: BF088991.D

Acq: 14 Jul 2016 17:46

Instrument :

BNA_F

ClientSampleId :

PB92031BL

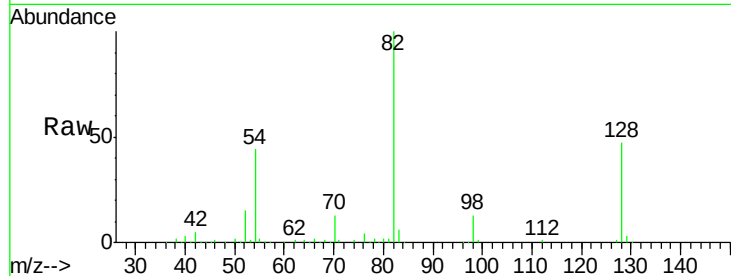
Tgt Ion: 82 Resp: 379617

Ion Ratio Lower Upper

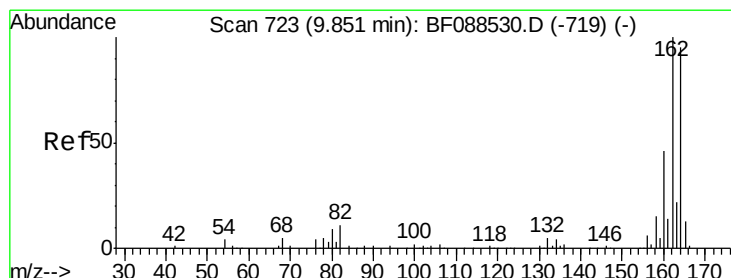
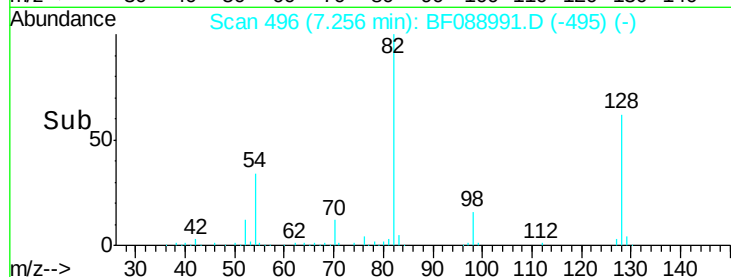
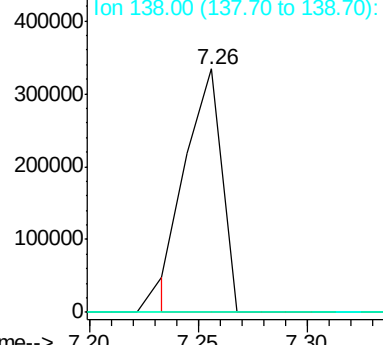
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.03 min

Lab File: BF088991.D

Acq: 14 Jul 2016 17:46

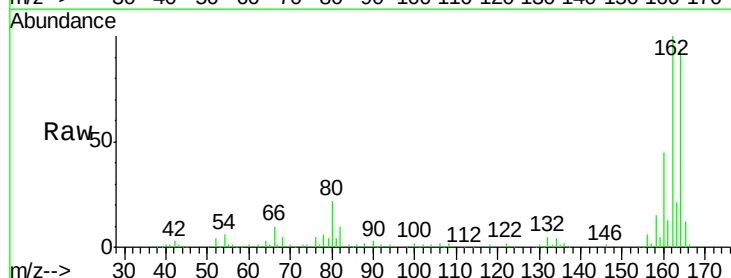
Tgt Ion: 164 Resp: 108623

Ion Ratio Lower Upper

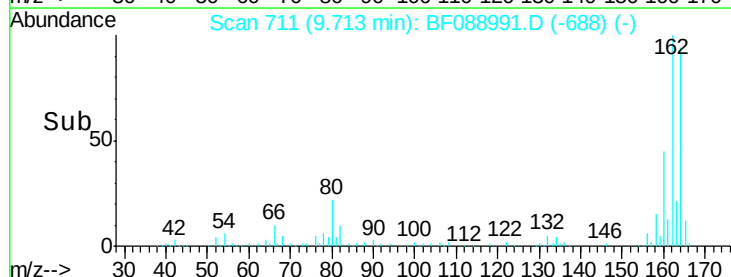
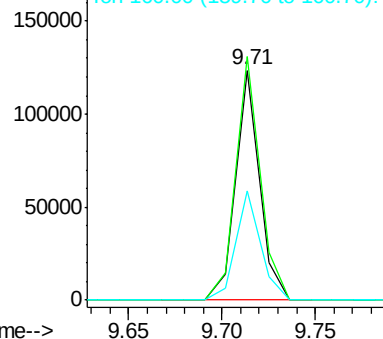
164 100

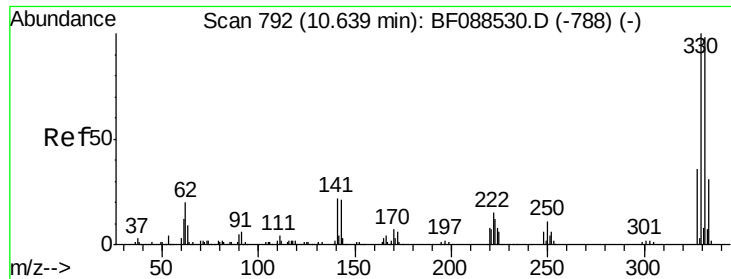
162 106.0 85.4 128.2

160 47.3 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

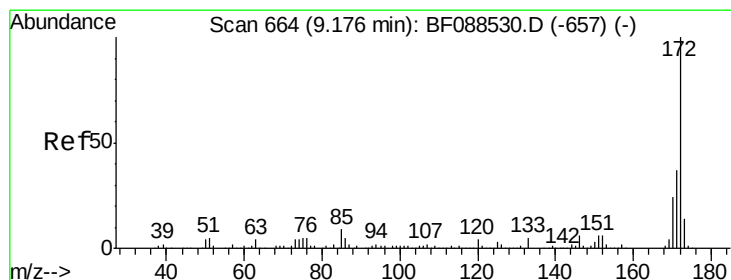
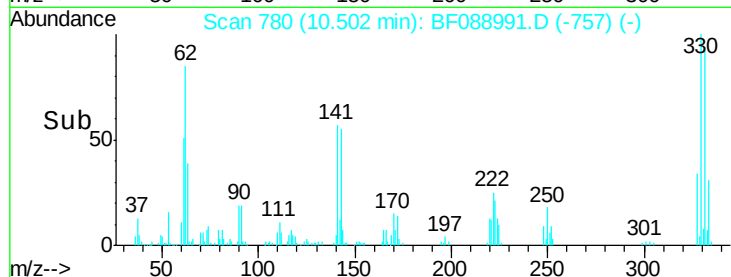
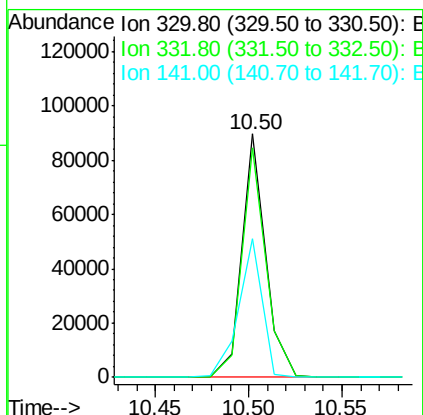
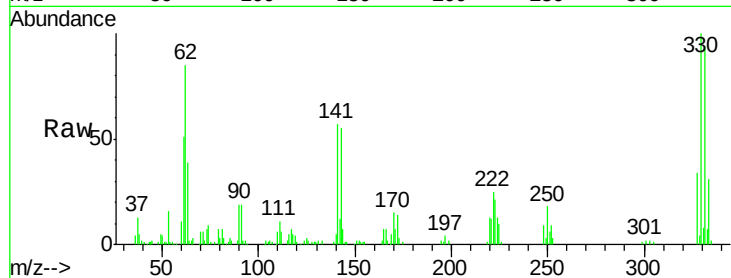




#41
 2,4,6-Tribromophenol
 Concen: 78.91 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.03 min
 Lab File: BF088991.D
 Acq: 14 Jul 2016 17:46

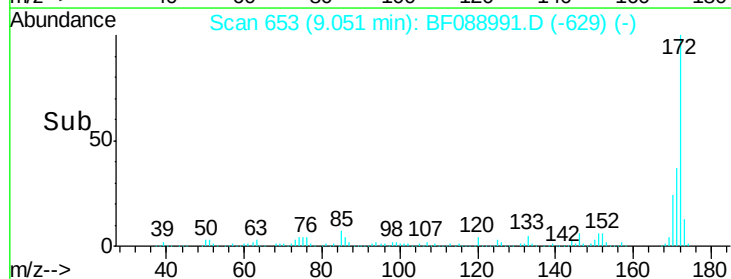
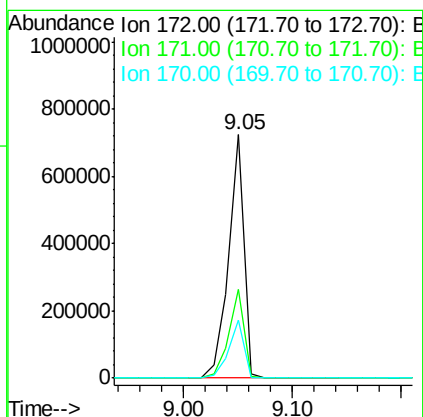
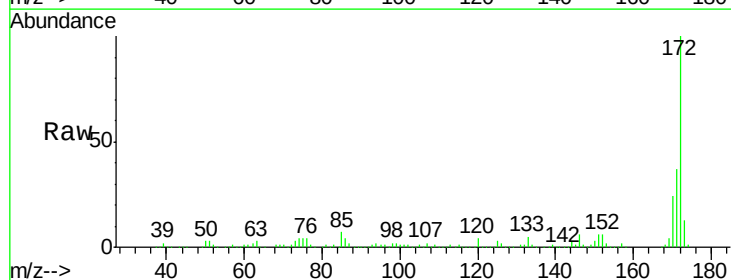
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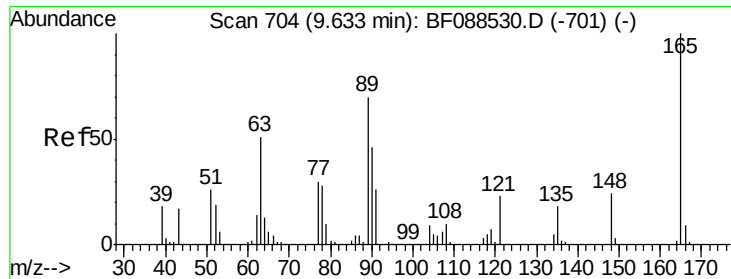
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	56.8	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 102.67 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088991.D
 Acq: 14 Jul 2016 17:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.0	19.2	28.8

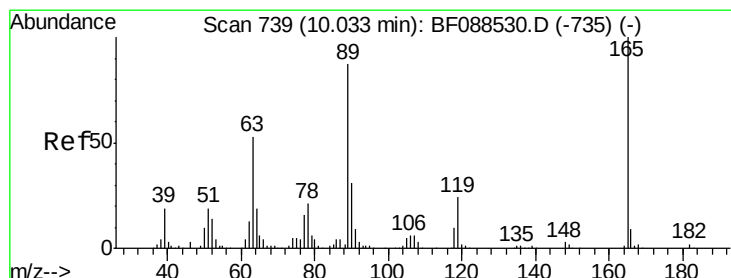
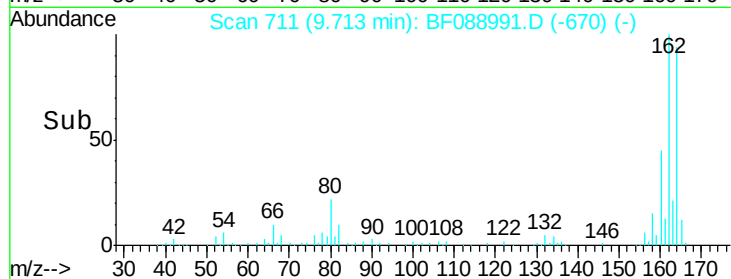
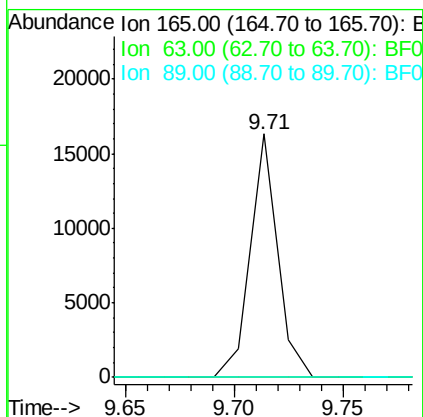
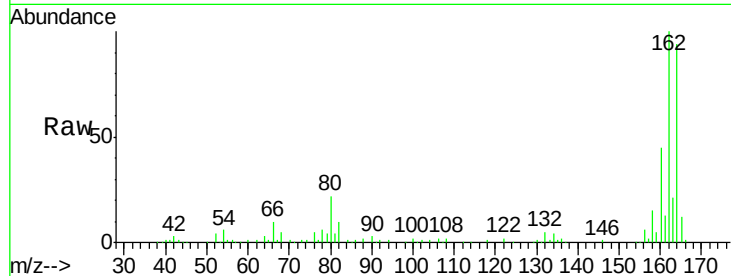




#50
 2,6-Dinitrotoluene
 Concen: 8.31 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.17 min
 Lab File: BF088991.D
 Acq: 14 Jul 2016 17:46

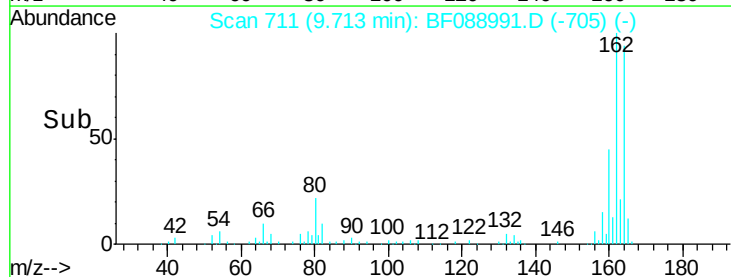
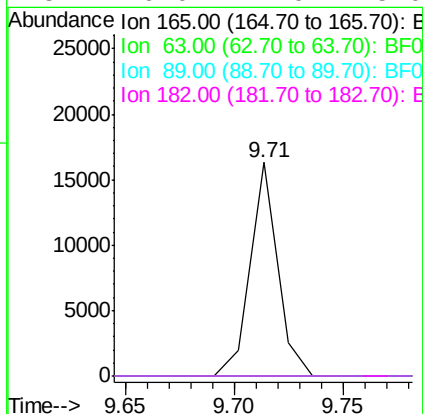
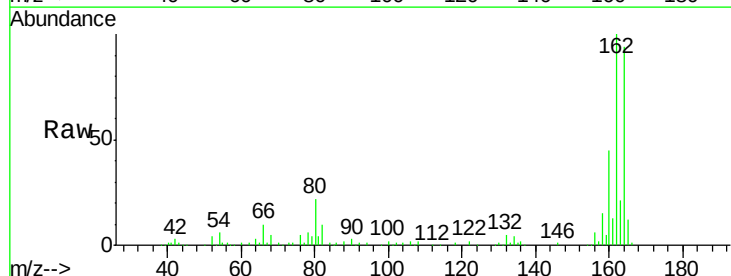
Instrument :
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 PB92031BL

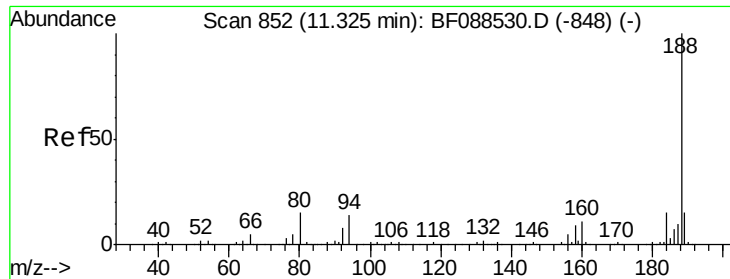
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#



#56
 2,4-Dinitrotoluene
 Concen: 6.35 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.23 min
 Lab File: BF088991.D
 Acq: 14 Jul 2016 17:46

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#

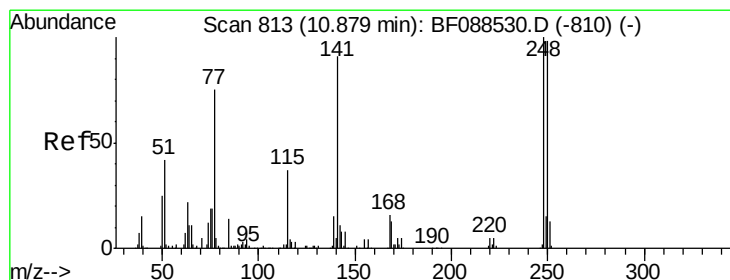
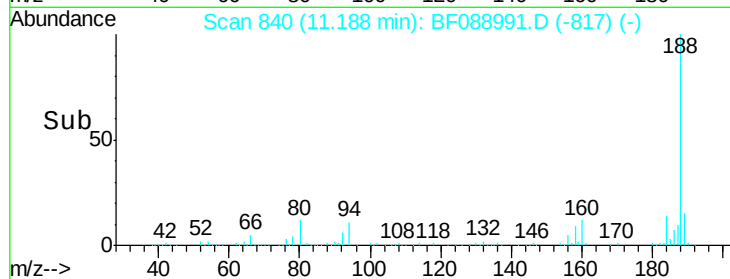
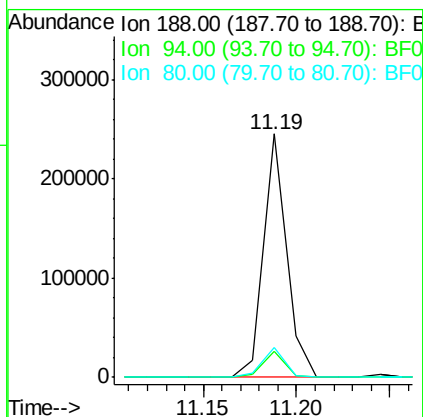
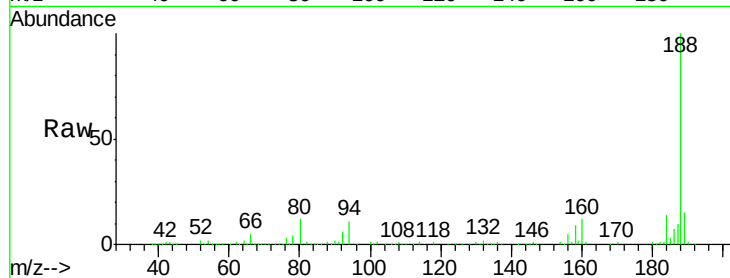




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.03 min
Lab File: BF088991.D
Acq: 14 Jul 2016 17:46

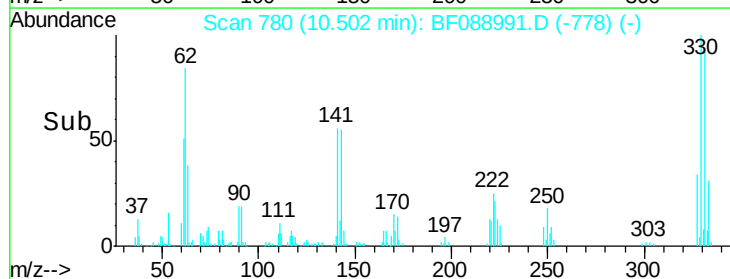
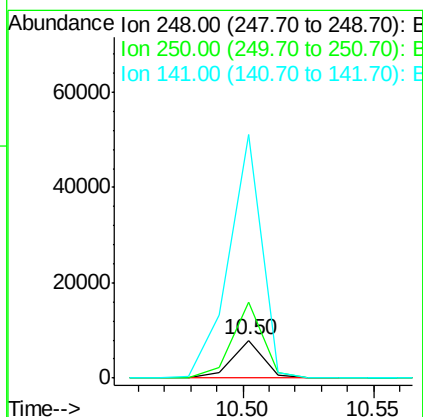
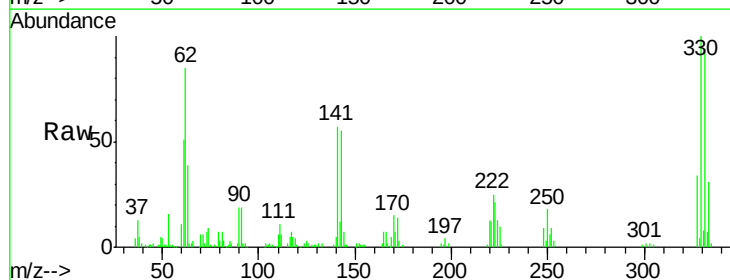
Instrument :
BNA_F
ClientSampleId :
PB92031BL

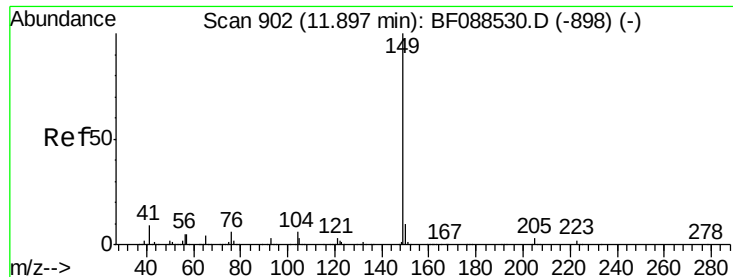
Tgt Ion:188 Resp: 209540
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.6
80 12.4 10.0 15.0



#66
4-Bromophenyl-phenylether
Concen: 3.17 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.27 min
Lab File: BF088991.D
Acq: 14 Jul 2016 17:46

Tgt Ion:248 Resp: 6687
Ion Ratio Lower Upper
248 100
250 200.7 77.1 115.7#
141 640.1 50.6 76.0#





#73

Di-n-butylphthalate

Concen: 2.03 ng

RT: 11.71 min Scan# 886

Delta R.T. -0.08 min

Lab File: BF088991.D

Acq: 14 Jul 2016 17:46

Instrument :

BNA_F

ClientSampleId :

PB92031BL

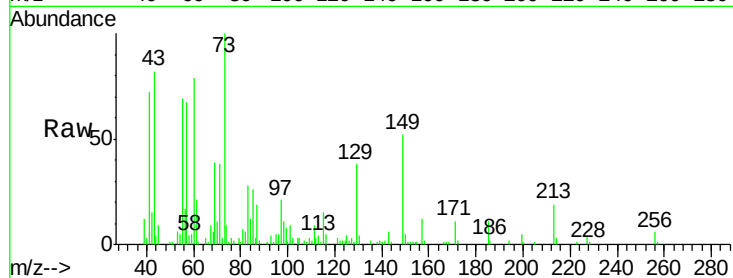
Tgt Ion:149 Resp: 25256

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

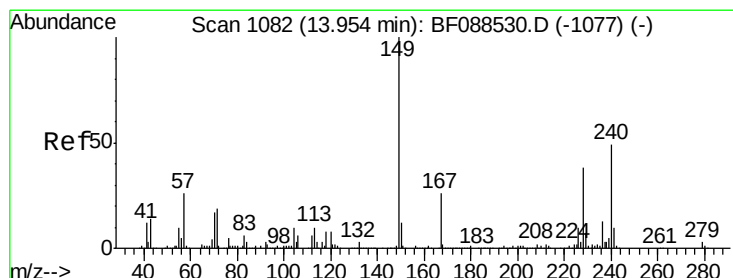
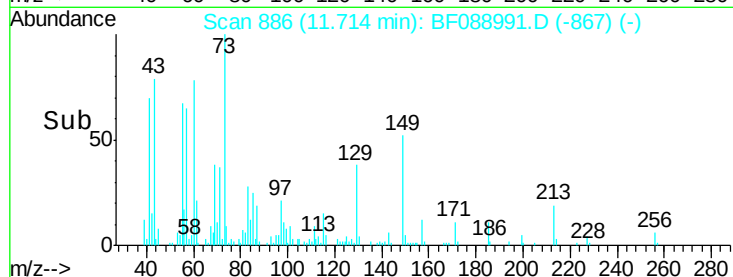
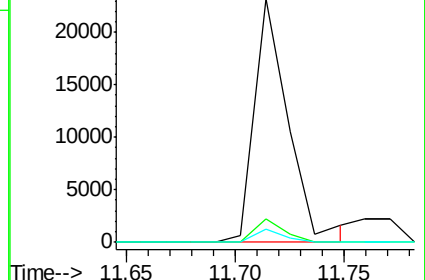
104 5.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.03 min

Lab File: BF088991.D

Acq: 14 Jul 2016 17:46

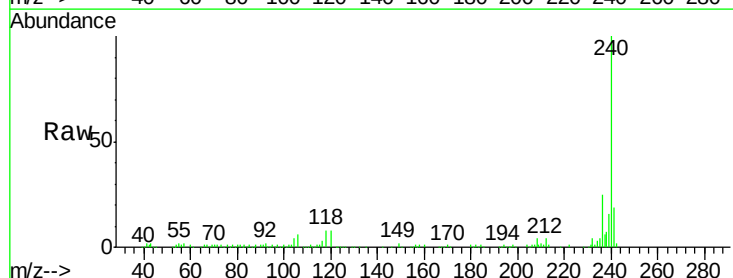
Tgt Ion:240 Resp: 158767

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

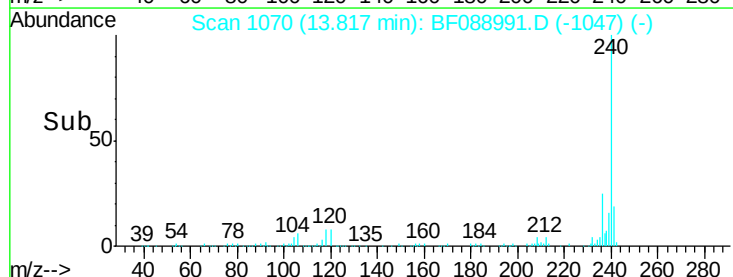
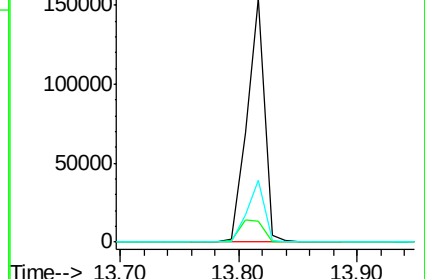
236 25.5 20.2 30.2

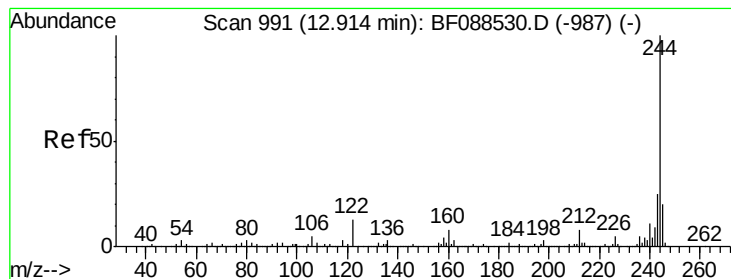


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.60 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF088991.D

Acq: 14 Jul 2016 17:46

Instrument :

BNA_F

ClientSampleId :

PB92031BL

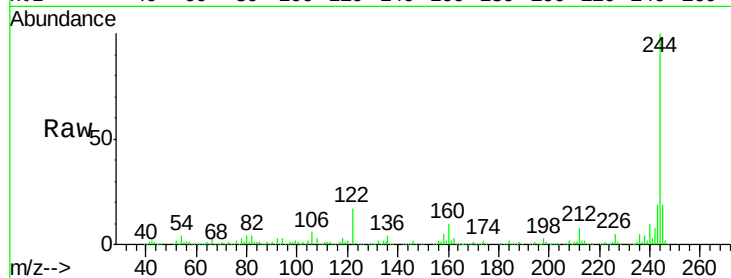
Tgt Ion:244 Resp: 567384

Ion Ratio Lower Upper

244 100

212 8.4 6.0 9.0

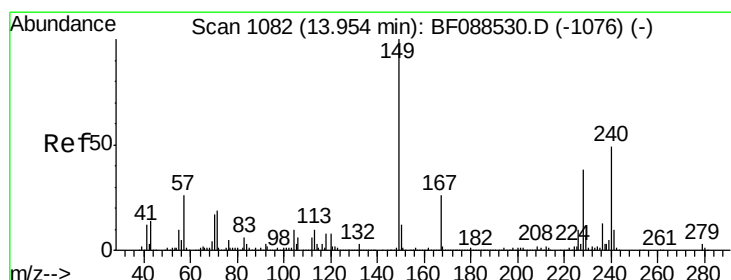
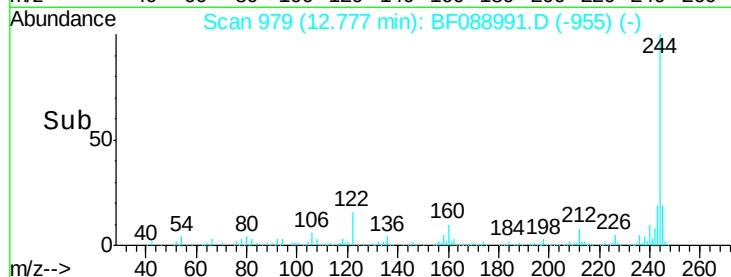
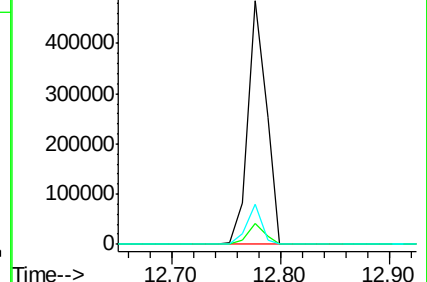
122 16.6 11.2 16.8



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.77 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BF088991.D

Acq: 14 Jul 2016 17:46

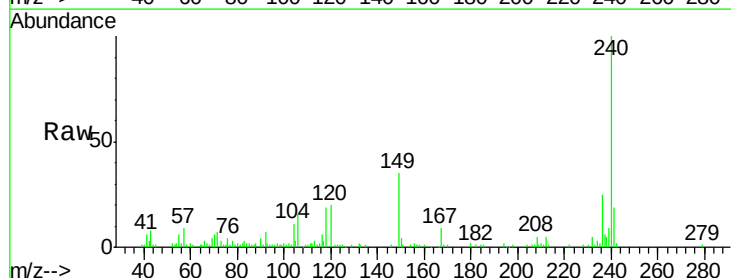
Tgt Ion:149 Resp: 32667

Ion Ratio Lower Upper

149 100

167 26.8 20.5 30.7

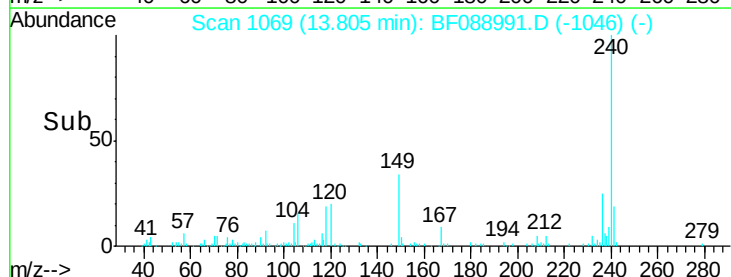
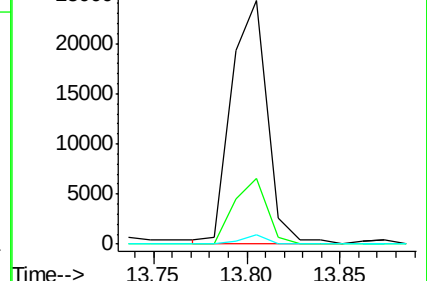
279 3.9 2.0 3.0#

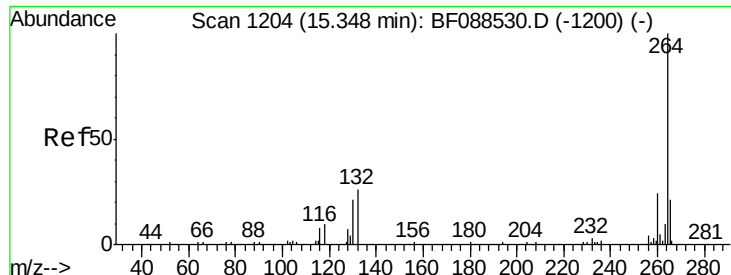


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

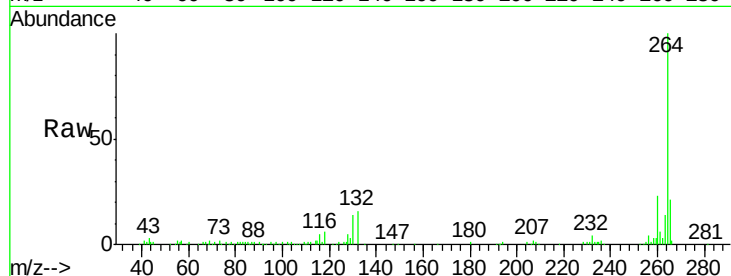




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF088991.D
Acq: 14 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
PB92031BL

Tgt Ion: 264 Resp: 103314
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.2 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

