

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088589.D
 Acq On : 1 Jul 2016 22:40
 Operator : UM/SJ
 Sample : PB91760BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BL

Quant Time: Jul 02 02:18:42 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

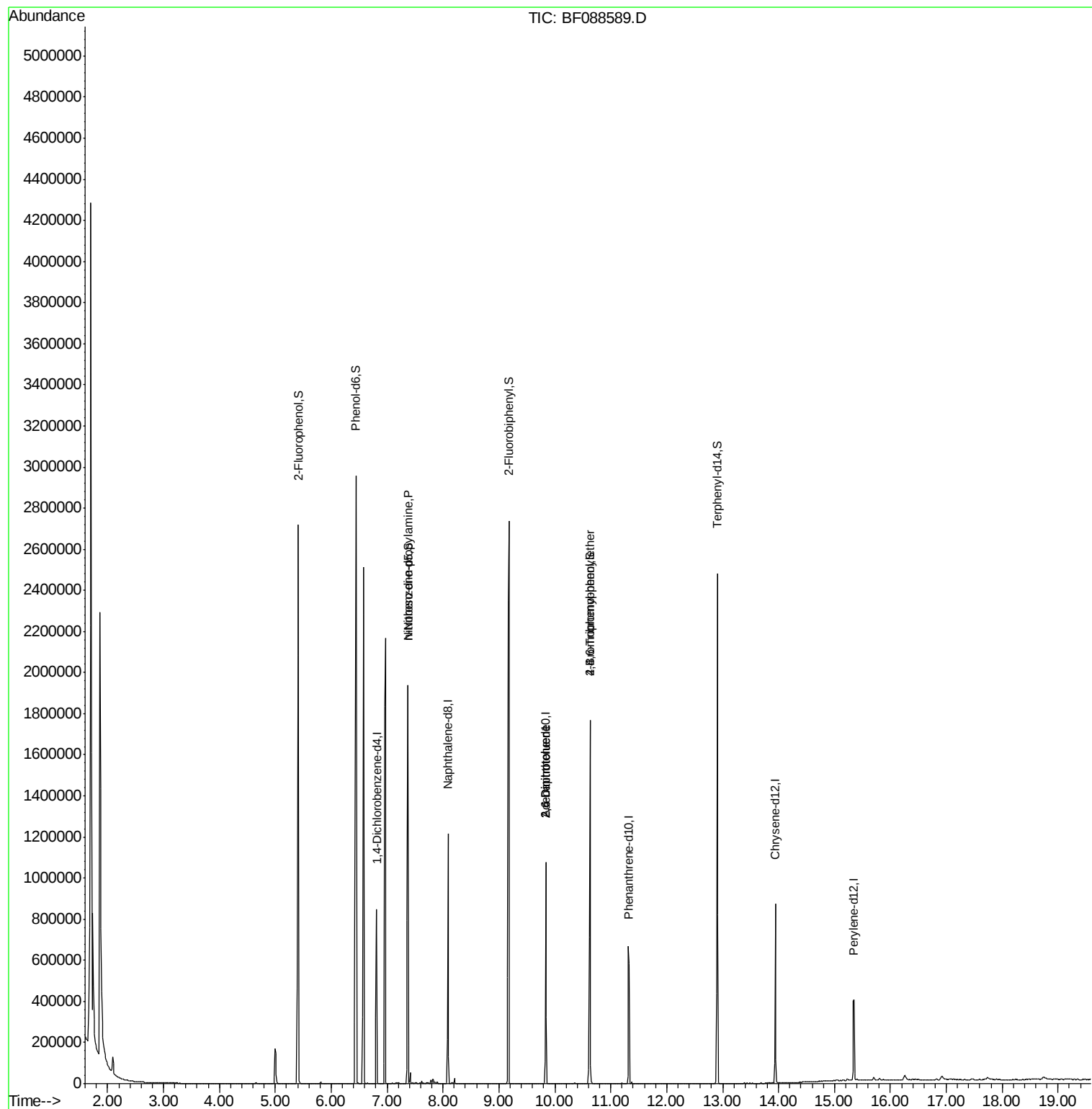
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	133360	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	503573	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	210231	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	348843	20.00	ng	0.00
75) Chrysene-d12	13.94	240	260016	20.00	ng	-0.01
86) Perylene-d12	15.35	264	213575	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1035603	116.38	ng	0.01
7) Phenol-d6	6.44	99	1203154	104.64	ng	0.00
23) Nitrobenzene-d5	7.37	82	721648	75.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	204100	104.55	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1308019	98.28	ng	0.00
78) Terphenyl-d14	12.90	244	822632	70.47	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	98085	12.70	ng	# 74
50) 2,6-Dinitrotoluene	9.84	165	27434	8.26	ng	# 40
56) 2,4-Dinitrotoluene	9.84	165	27435	6.32	ng	# 38
66) 4-Bromophenyl-phenylether	10.63	248	14358	4.08	ng	# 1

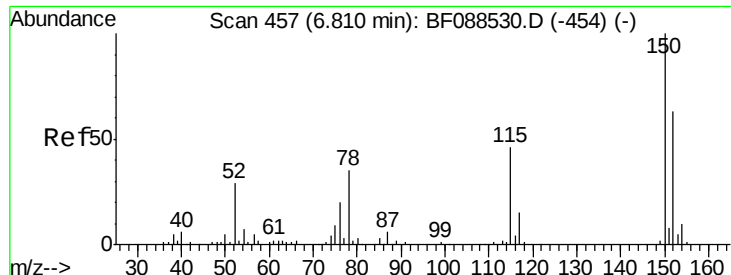
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF088589.D

Acq: 1 Jul 2016 22:40

Instrument :

BNA_F

ClientSampleId :

PB91760BL

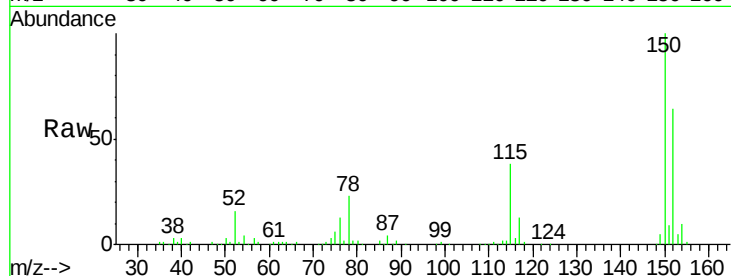
Tgt Ion:152 Resp: 133360

Ion Ratio Lower Upper

152 100

150 156.9 123.8 185.6

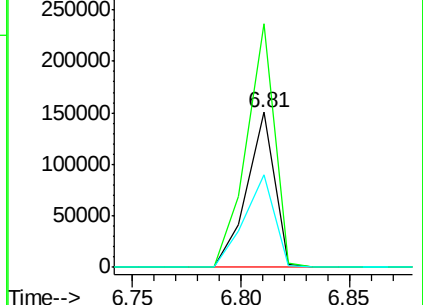
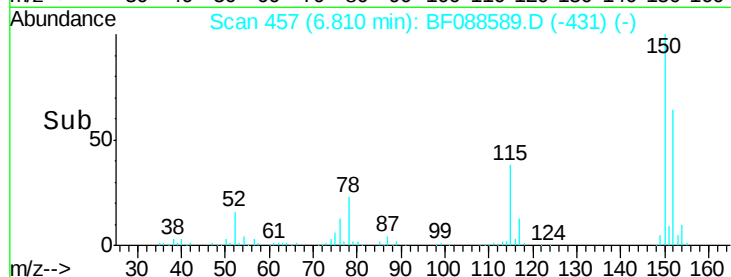
115 59.5 39.6 59.4#



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: 116.38 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.01 min

Lab File: BF088589.D

Acq: 1 Jul 2016 22:40

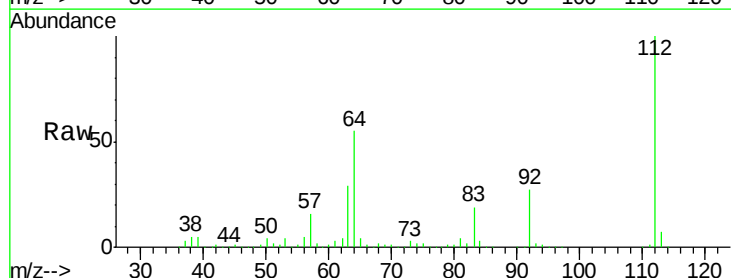
Tgt Ion:112 Resp: 1035603

Ion Ratio Lower Upper

112 100

64 55.1 42.2 63.2

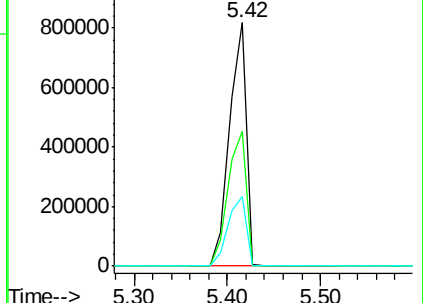
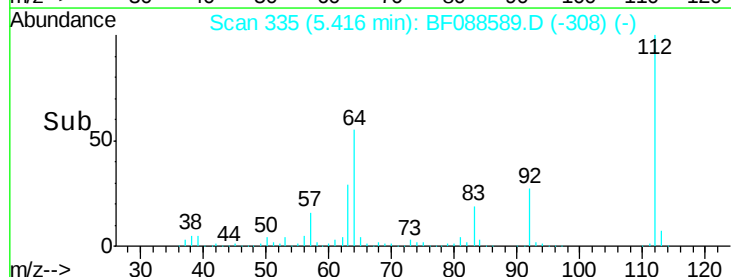
63 28.6 21.8 32.8



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: 104.64 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088589.D

Acq: 1 Jul 2016 22:40

Instrument :

BNA_F

ClientSampled :

PB91760BL

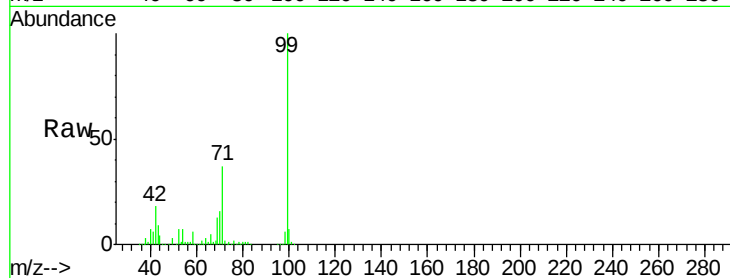
Tgt Ion: 99 Resp: 1203154

Ion Ratio Lower Upper

99 100

42 18.2 12.2 18.2

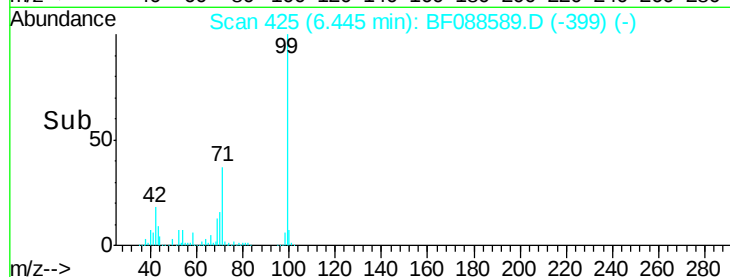
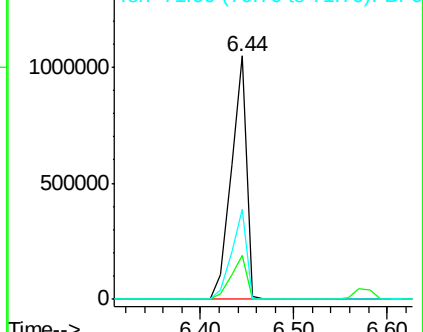
71 36.9 23.4 35.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.70 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.14 min

Lab File: BF088589.D

Acq: 1 Jul 2016 22:40

Tgt Ion: 70 Resp: 98085

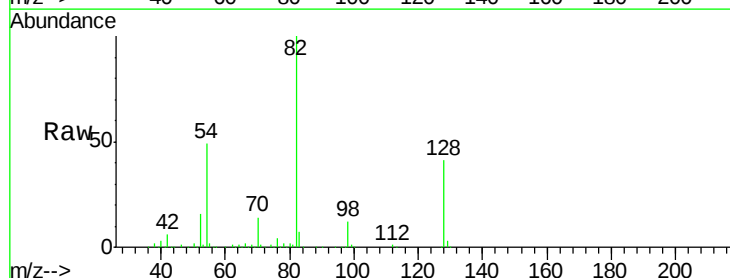
Ion Ratio Lower Upper

70 100

42 44.5 49.6 74.4#

101 0.0 7.1 10.7#

130 2.1 15.4 23.2#

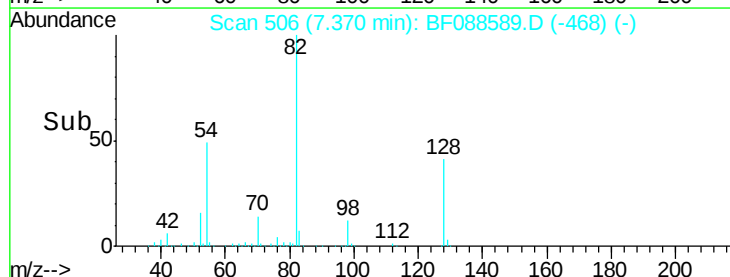
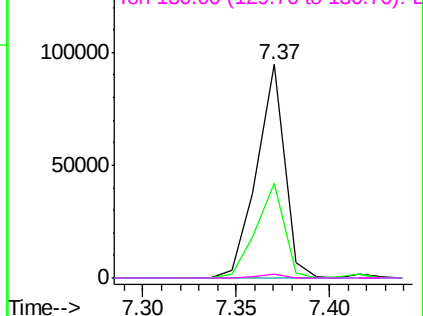


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088589.D

Acq: 1 Jul 2016 22:40

Instrument :

BNA_F

ClientSampleId :

PB91760BL

Tgt Ion:136 Resp: 503573

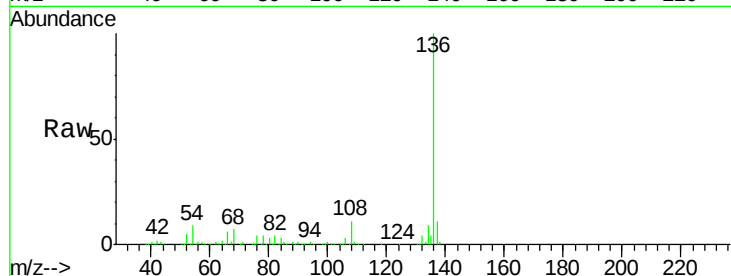
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.8 6.6 10.0

68 7.5 5.1 7.7

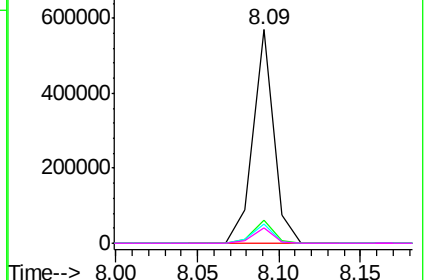
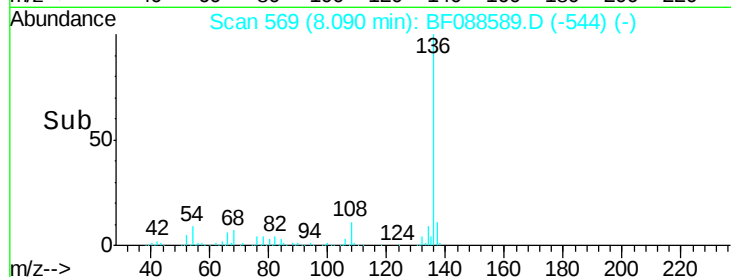


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.10 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF088589.D

Acq: 1 Jul 2016 22:40

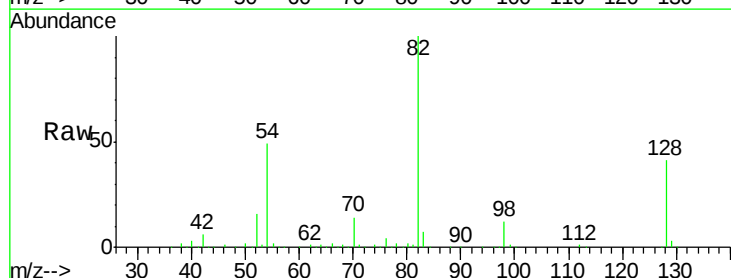
Tgt Ion: 82 Resp: 721648

Ion Ratio Lower Upper

82 100

128 41.3 35.9 53.9

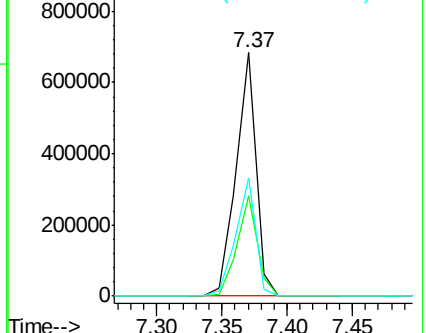
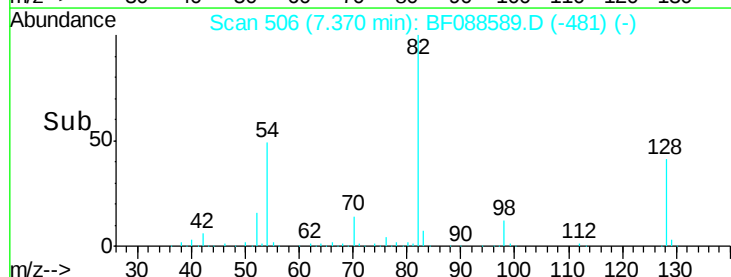
54 48.7 40.9 61.3

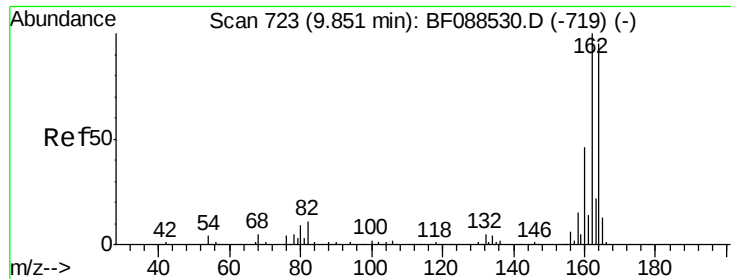


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF088589.D

Acq: 1 Jul 2016 22:40

Instrument :

BNA_F

ClientSampleId :

PB91760BL

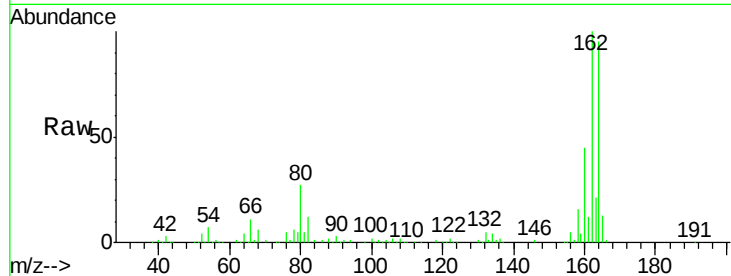
Tgt Ion:164 Resp: 210231

Ion Ratio Lower Upper

164 100

162 105.7 85.4 128.2

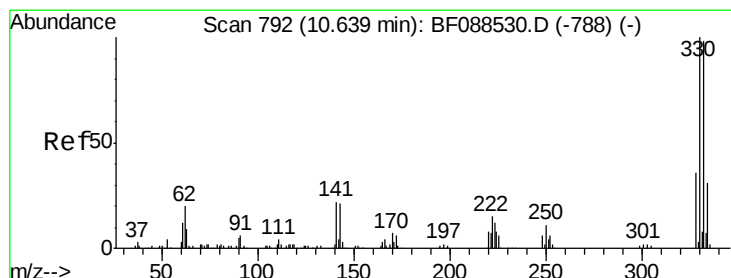
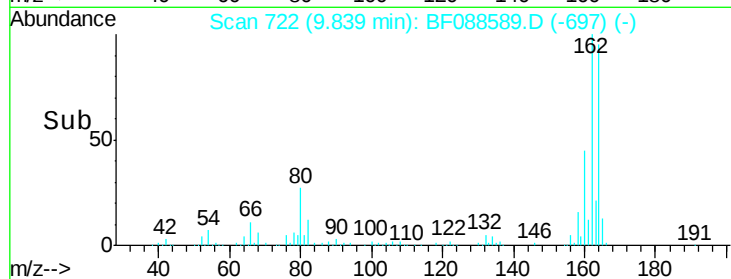
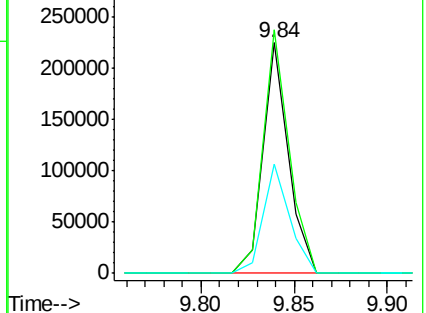
160 47.3 39.5 59.3



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: 104.55 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF088589.D

Acq: 1 Jul 2016 22:40

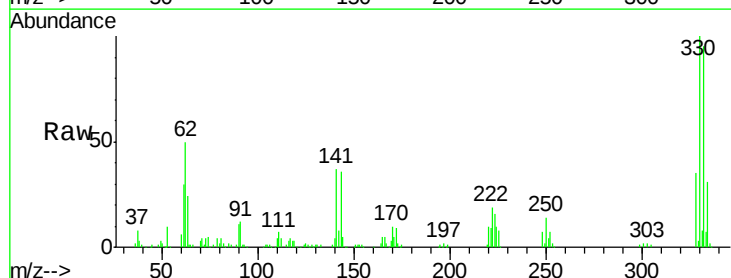
Tgt Ion:330 Resp: 204100

Ion Ratio Lower Upper

330 100

332 95.2 0.0 0.0#

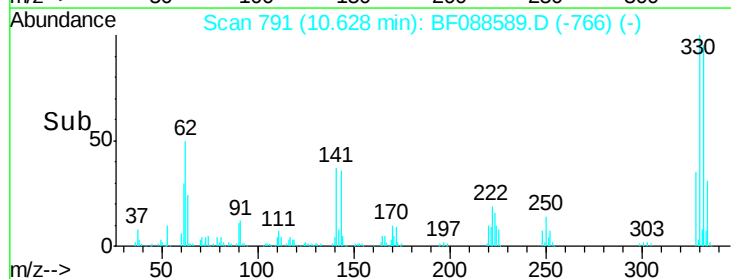
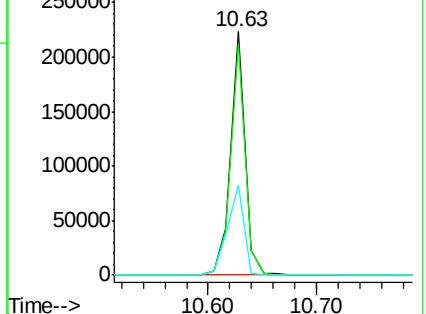
141 42.6 0.0 0.0#



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

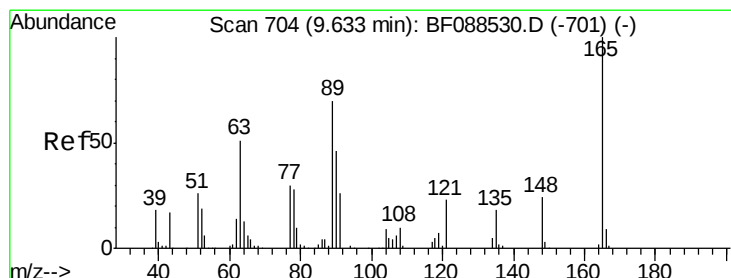
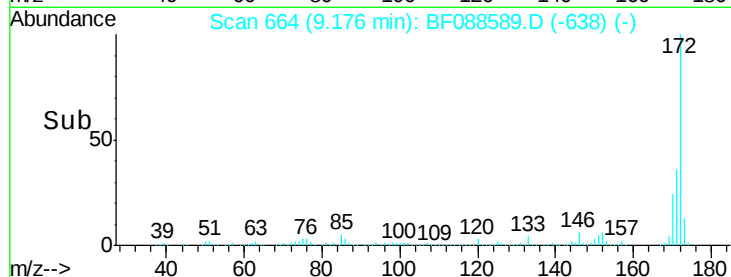
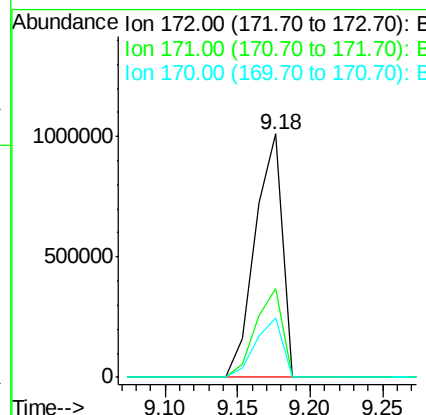
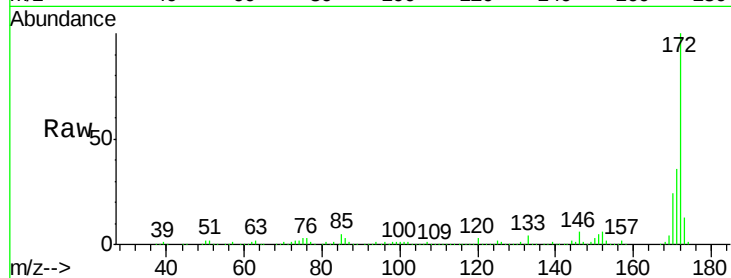




#44
 2-Fluorobiphenyl
 Concen: 98.28 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088589.D
 Acq: 1 Jul 2016 22:40

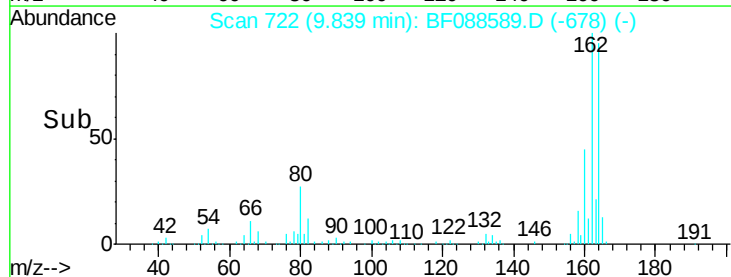
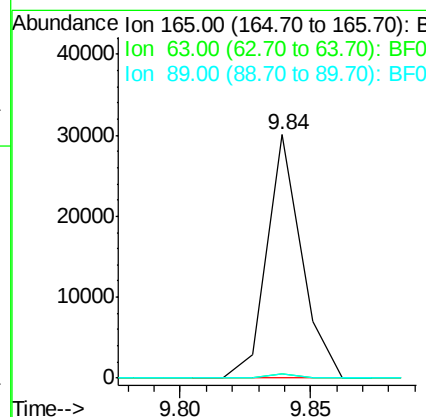
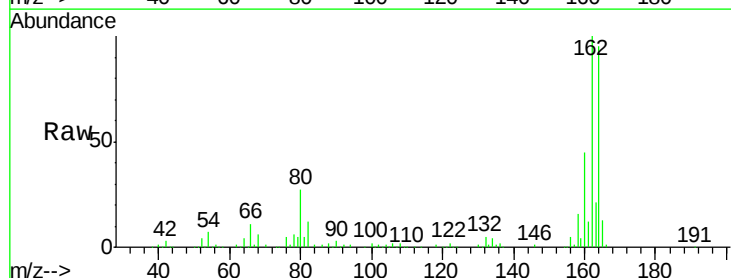
Instrument :
 BNA_F
 ClientSampled :
 PB91760BL

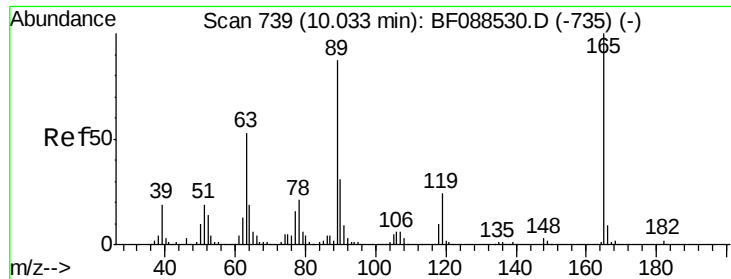
Tgt Ion:172 Resp: 1308019
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.3 19.2 28.8



#50
 2,6-Dinitrotoluene
 Concen: 8.26 ng
 RT: 9.84 min Scan# 722
 Delta R.T. 0.21 min
 Lab File: BF088589.D
 Acq: 1 Jul 2016 22:40

Tgt Ion:165 Resp: 27434
 Ion Ratio Lower Upper
 165 100
 63 1.6 28.1 42.1#
 89 1.6 32.2 48.2#

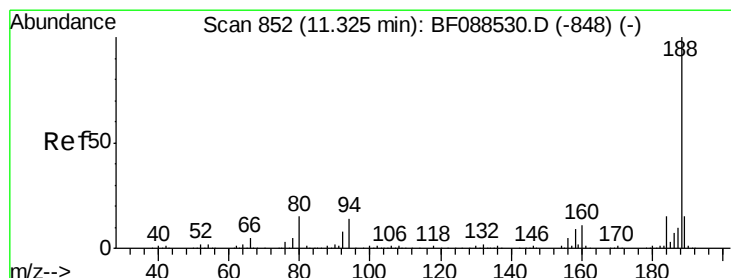
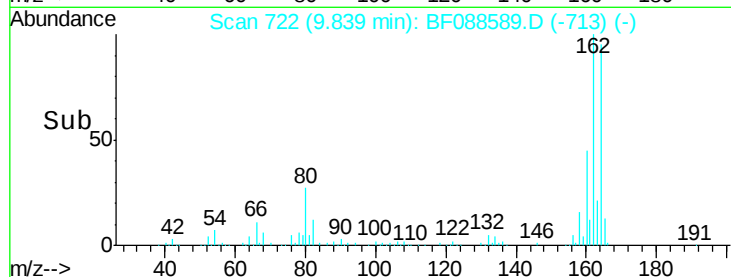
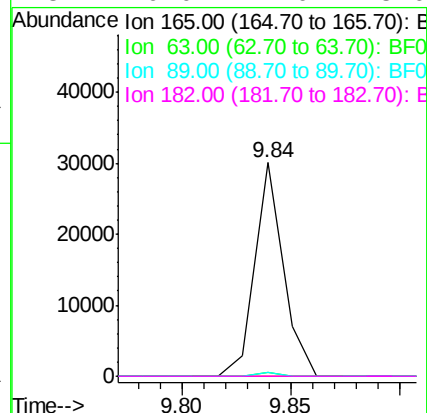
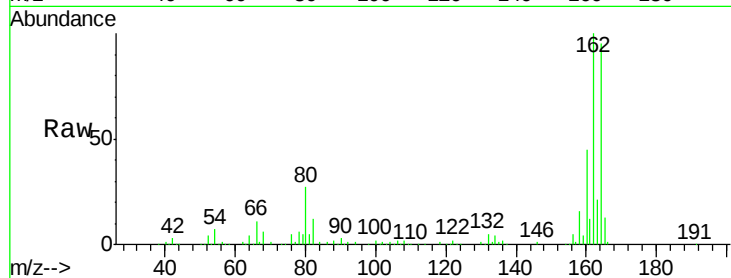




#56
 2,4-Dinitrotoluene
 Concen: 6.32 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.19 min
 Lab File: BF088589.D
 Acq: 1 Jul 2016 22:40

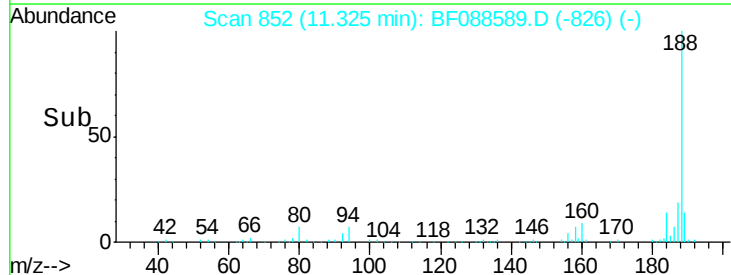
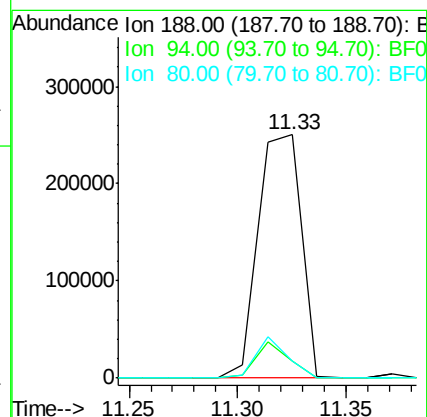
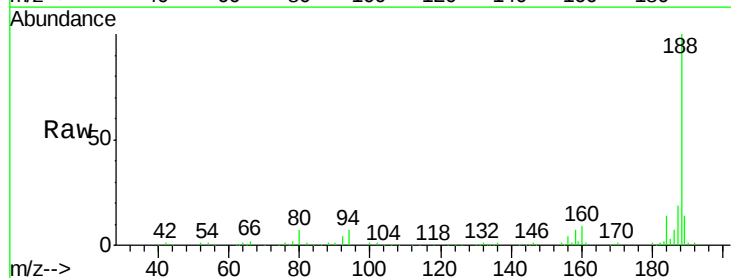
Instrument :
 BNA_F
 ClientSampleId :
 PB91760BL

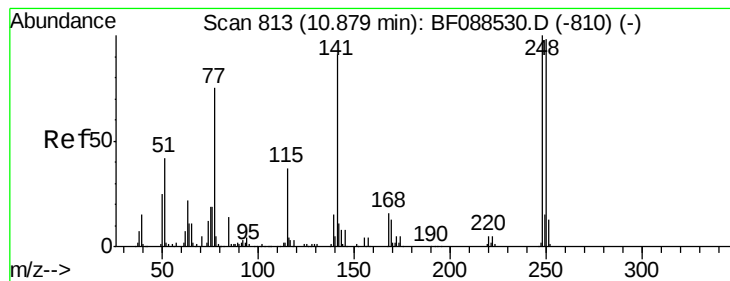
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF088589.D
 Acq: 1 Jul 2016 22:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	9.0	13.6#
80	7.0	10.0	15.0#





#66

4-Bromophenyl-phenylether

Concen: 4.08 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.25 min

Lab File: BF088589.D

Acq: 1 Jul 2016 22:40

Instrument :

BNA_F

ClientSampled :

PB91760BL

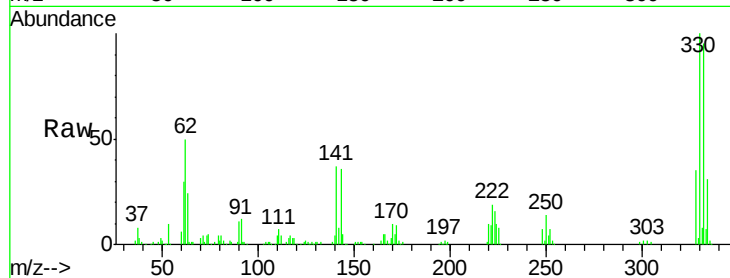
Tgt Ion:248 Resp: 14358

Ion Ratio Lower Upper

248 100

250 196.4 77.1 115.7#

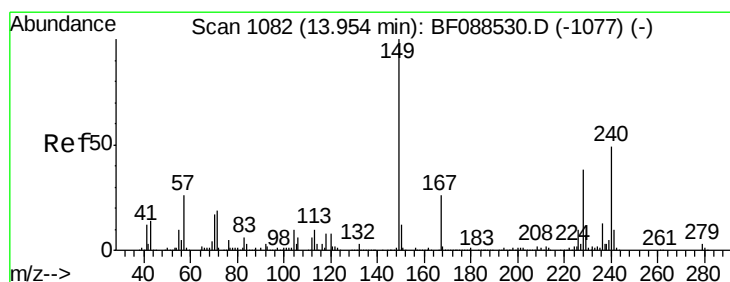
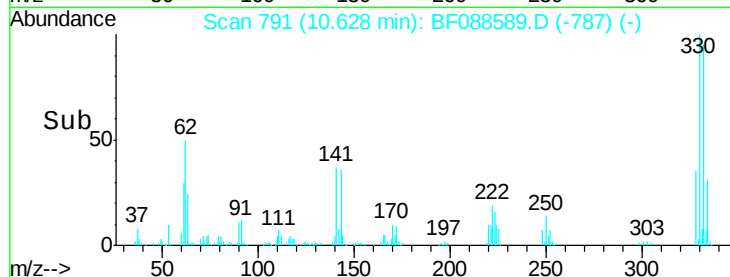
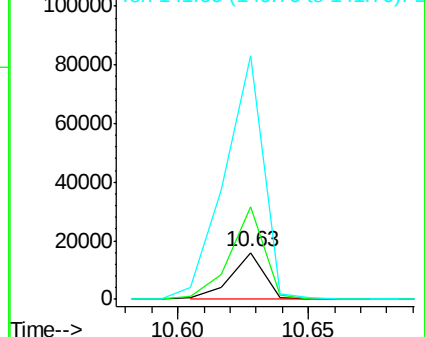
141 518.7 50.6 76.0#



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: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088589.D

Acq: 1 Jul 2016 22:40

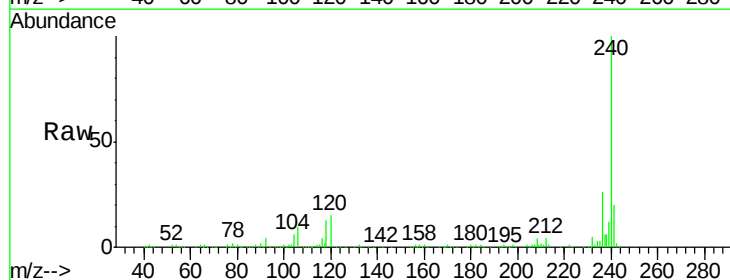
Tgt Ion:240 Resp: 260016

Ion Ratio Lower Upper

240 100

120 14.7 6.8 10.2#

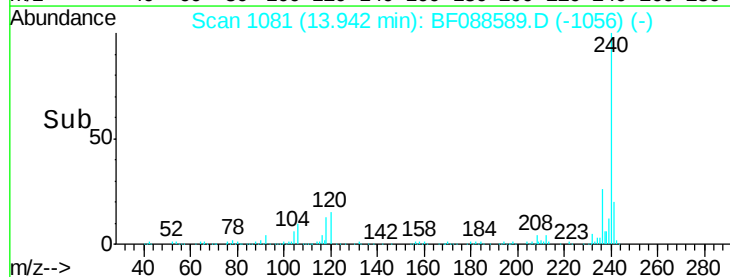
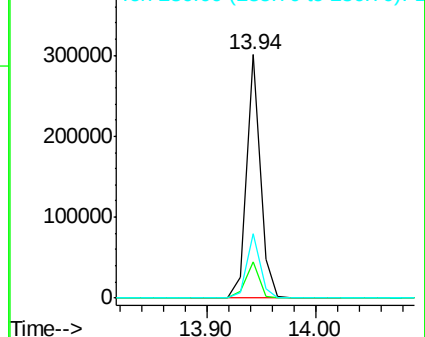
236 26.3 20.2 30.2

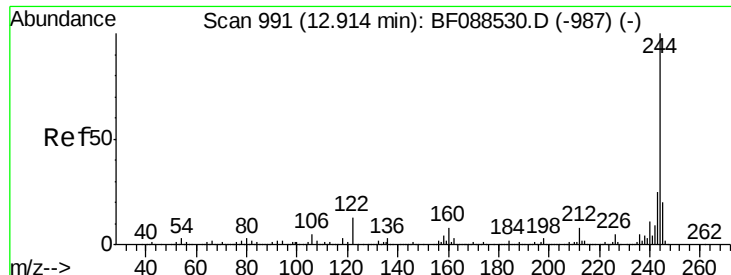


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.47 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF088589.D

Acq: 1 Jul 2016 22:40

Instrument :

BNA_F

ClientSampleId :

PB91760BL

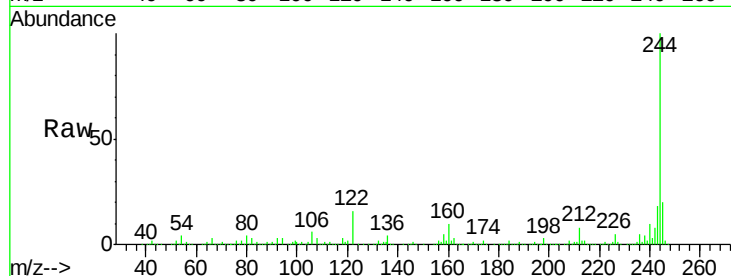
Tgt Ion:244 Resp: 822632

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

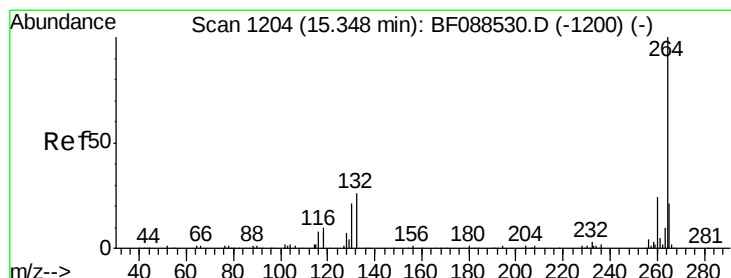
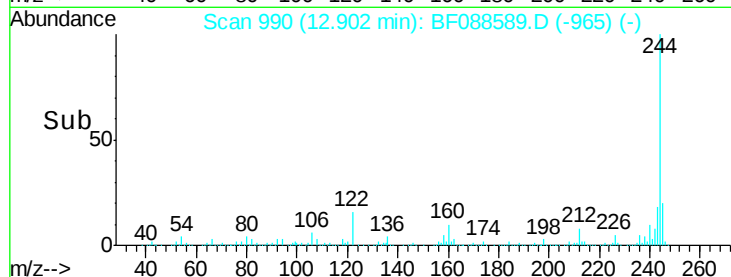
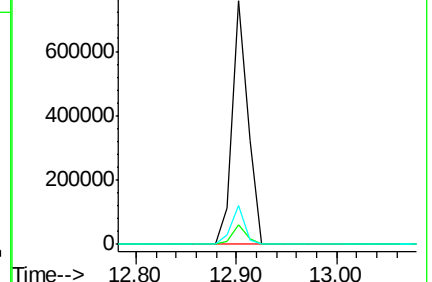
122 15.8 11.2 16.8



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: 15.35 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF088589.D

Acq: 1 Jul 2016 22:40

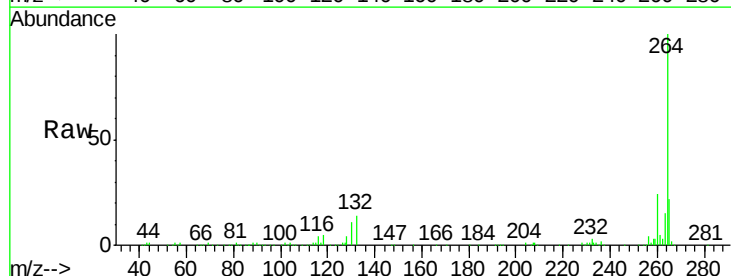
Tgt Ion:264 Resp: 213575

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.6 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

