

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071516\
 Data File : BF089015.D
 Acq On : 15 Jul 2016 14:24
 Operator : UM/SJ
 Sample : H3972-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB07(5-7ft)

Quant Time: Jul 15 22:57:09 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

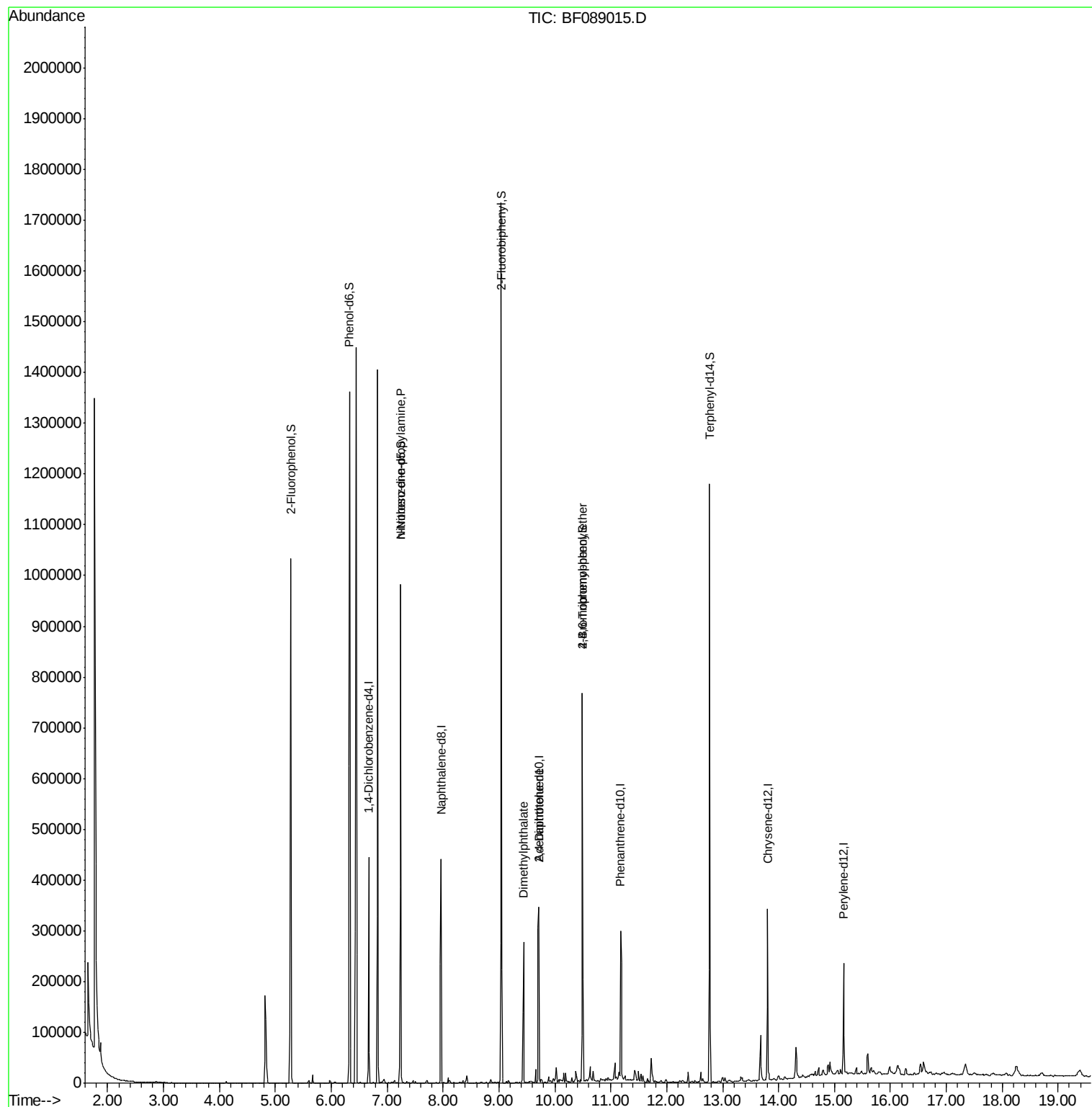
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	59557	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	232659	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	93703	20.00	ng	-0.03
63) Phenanthrene-d10	11.18	188	142625	20.00	ng	-0.05
75) Chrysene-d12	13.81	240	110684	20.00	ng	-0.05
86) Perylene-d12	15.17	264	83463	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	422580	106.34	ng	-0.01
7) Phenol-d6	6.33	99	495132	96.43	ng	-0.02
23) Nitrobenzene-d5	7.24	82	343459	77.36	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	73885	84.91	ng	-0.05
44) 2-Fluorobiphenyl	9.04	172	500564	84.38	ng	-0.03
78) Terphenyl-d14	12.77	244	318294	64.05	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	47454	13.76	ng	# 74
49) Dimethylphthalate	9.44	163	132446	19.84	ng	98
56) 2,4-Dinitrotoluene	9.71	165	11925	6.16	ng	# 36
66) 4-Bromophenyl-phenylether	10.49	248	5667	3.94	ng	# 1

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

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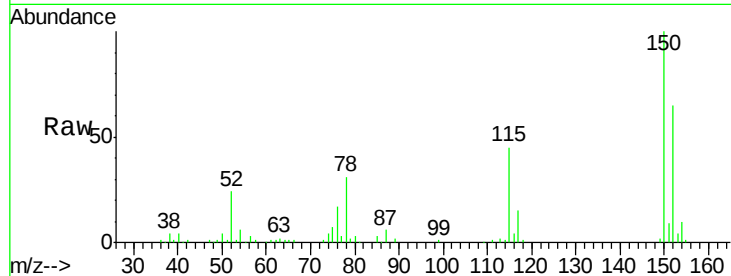




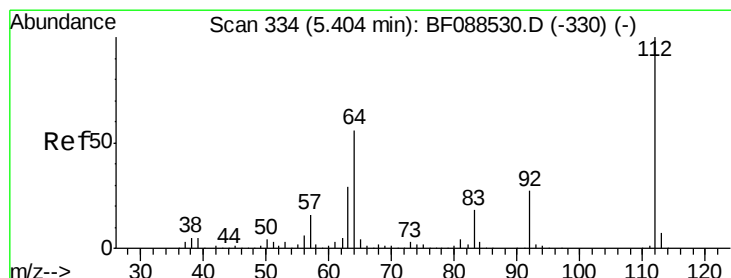
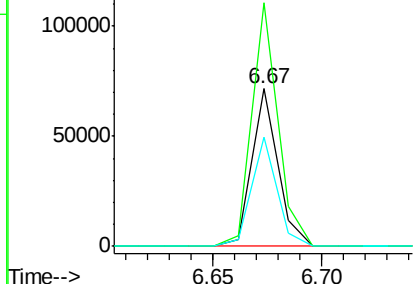
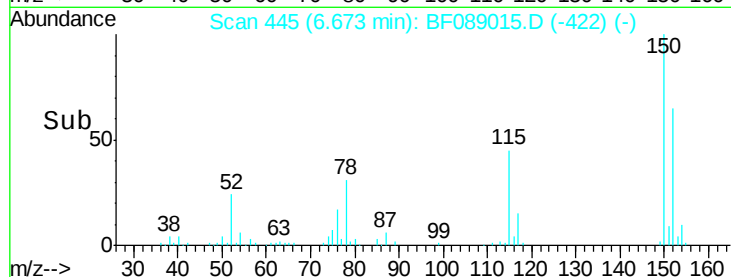
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.03 min
 Lab File: BF089015.D
 Acq: 15 Jul 2016 14:24

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB07(5-7ft)

Tgt Ion:152 Resp: 59557
 Ion Ratio Lower Upper
 152 100
 150 154.3 123.8 185.6
 115 69.5 39.6 59.4#

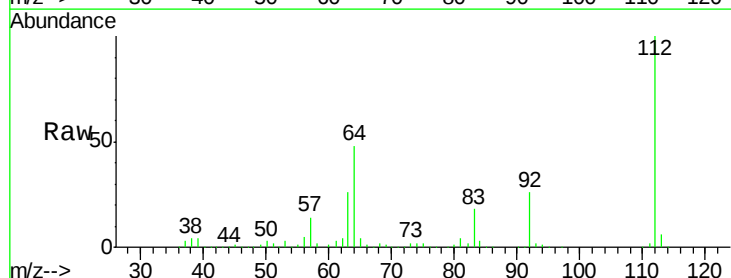


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

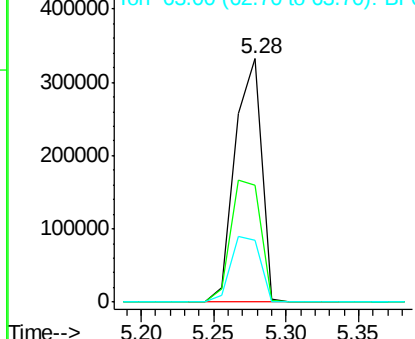
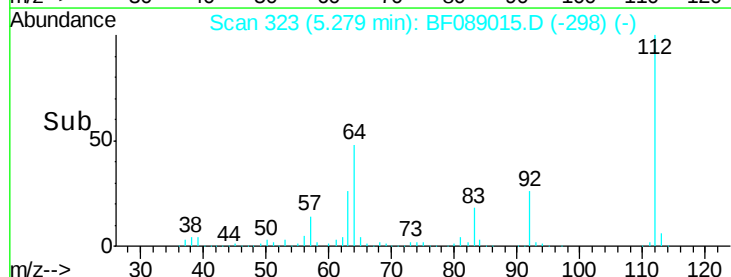


#5
 2-Fluorophenol
 Concen: 106.34 ng
 RT: 5.28 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: BF089015.D
 Acq: 15 Jul 2016 14:24

Tgt Ion:112 Resp: 422580
 Ion Ratio Lower Upper
 112 100
 64 48.2 42.2 63.2
 63 25.6 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: 96.43 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF089015.D

Acq: 15 Jul 2016 14:24

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB07(5-7ft)

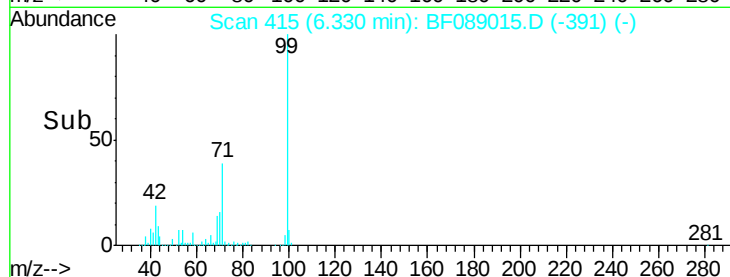
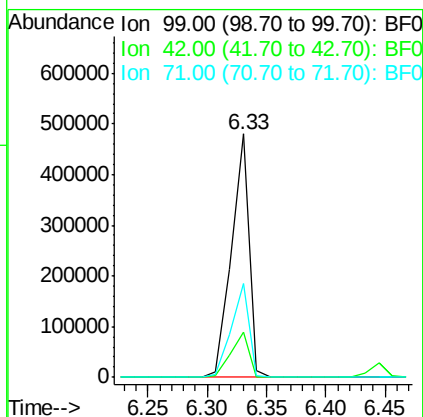
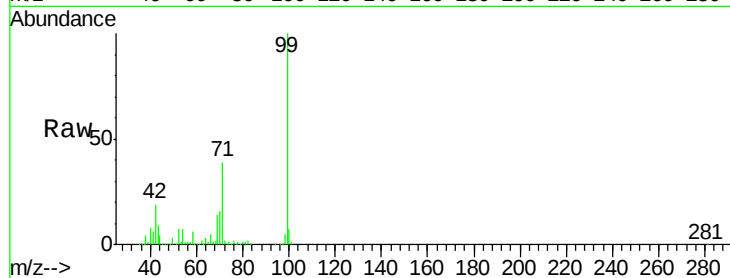
Tgt Ion: 99 Resp: 495132

Ion Ratio Lower Upper

99 100

42 18.7 12.2 18.2#

71 38.8 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 13.76 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.10 min

Lab File: BF089015.D

Acq: 15 Jul 2016 14:24

Tgt Ion: 70 Resp: 47454

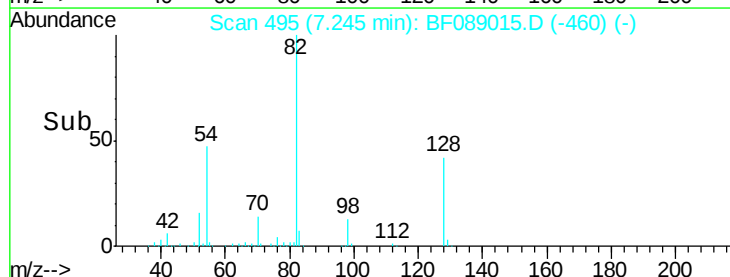
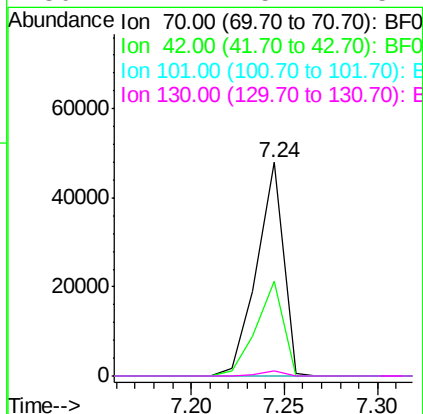
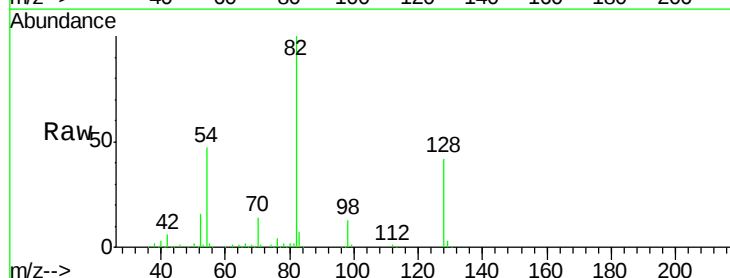
Ion Ratio Lower Upper

70 100

42 44.4 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.03 min

Lab File: BF089015.D

Acq: 15 Jul 2016 14:24

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB07(5-7ft)

Tgt Ion: 136 Resp: 232659

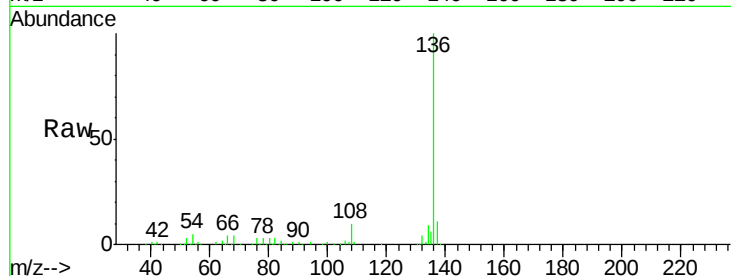
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.1 6.6 10.0#

68 4.3 5.1 7.7#

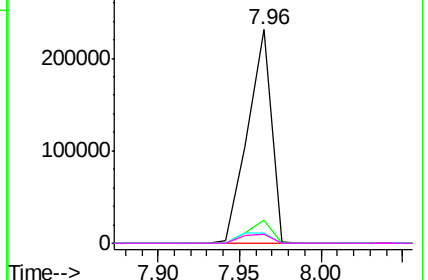
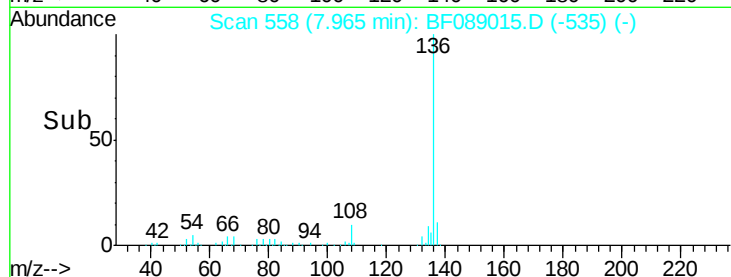


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.36 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.03 min

Lab File: BF089015.D

Acq: 15 Jul 2016 14:24

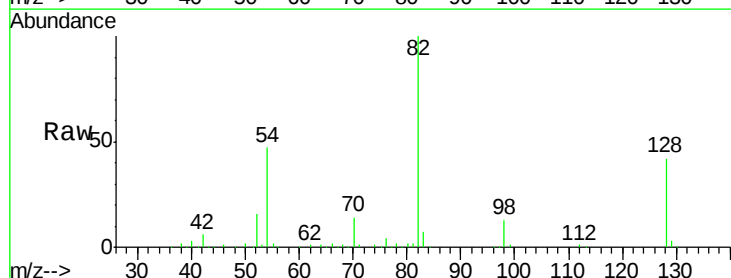
Tgt Ion: 82 Resp: 343459

Ion Ratio Lower Upper

82 100

128 41.7 35.9 53.9

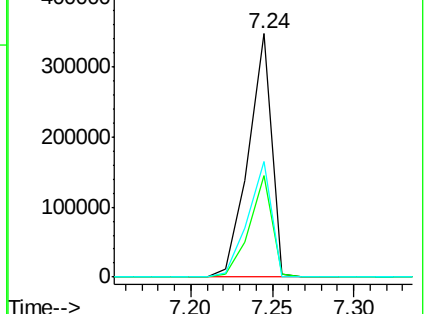
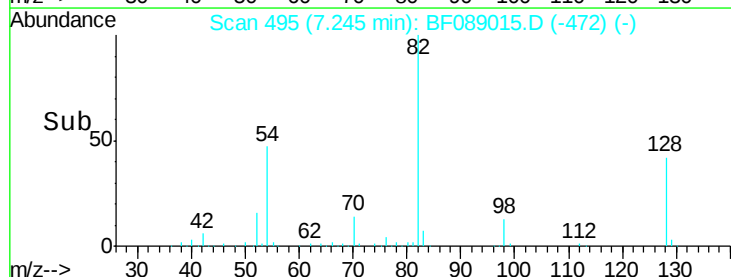
54 47.4 40.9 61.3

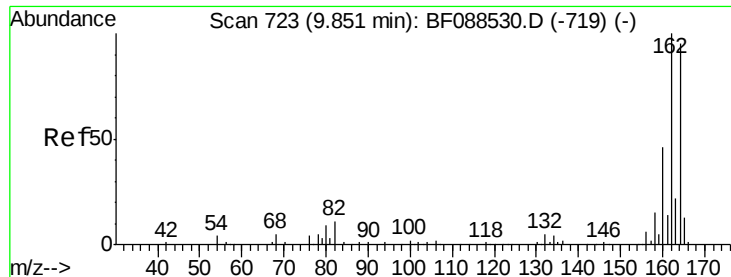


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

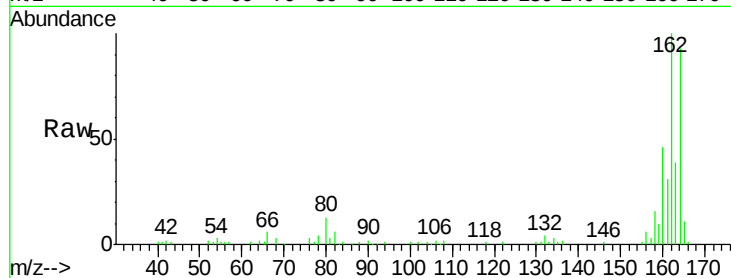




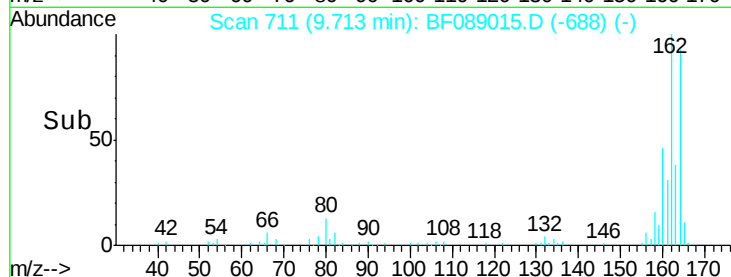
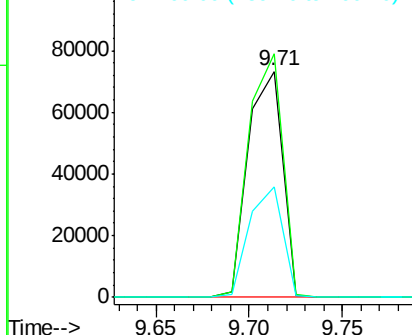
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF089015.D
 Acq: 15 Jul 2016 14:24

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB07(5-7ft)

Tgt Ion:164 Resp: 93703
 Ion Ratio Lower Upper
 164 100
 162 107.7 85.4 128.2
 160 49.0 39.5 59.3

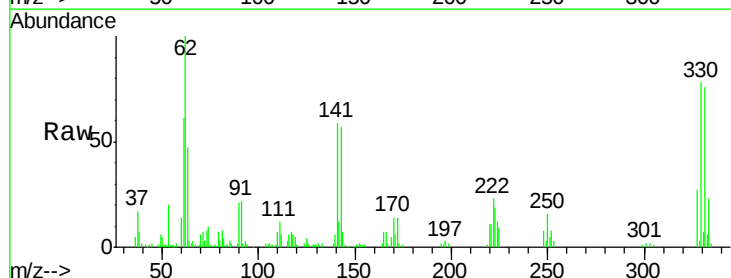


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

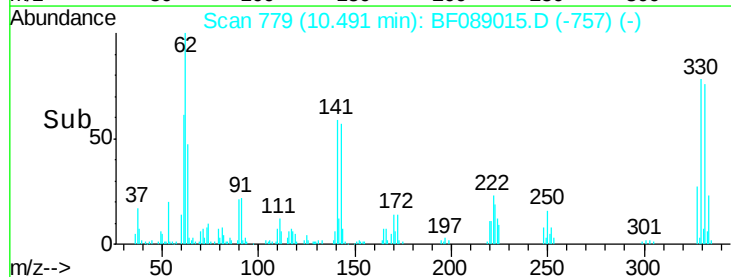
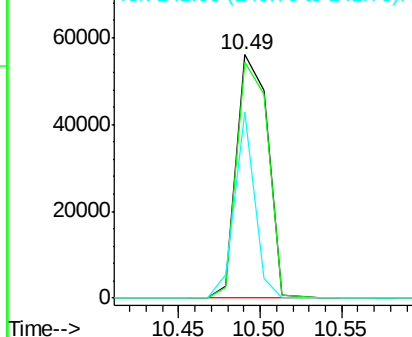


#41
 2,4,6-Tribromophenol
 Concen: 84.91 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.05 min
 Lab File: BF089015.D
 Acq: 15 Jul 2016 14:24

Tgt Ion:330 Resp: 73885
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 49.0 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

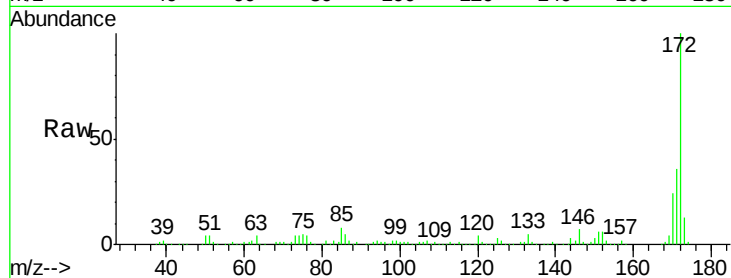




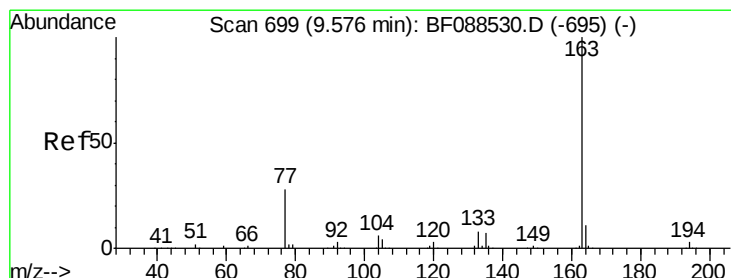
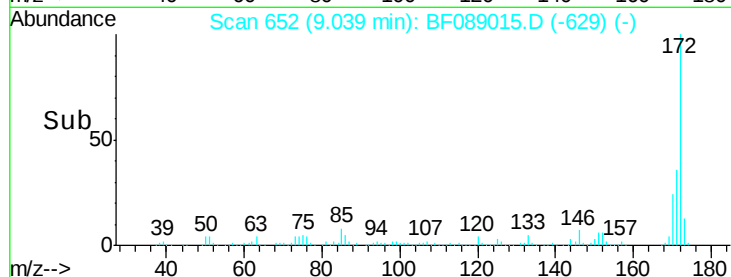
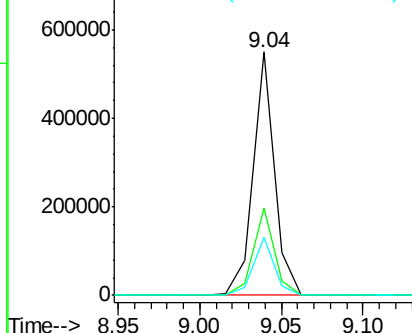
#44
 2-Fluorobiphenyl
 Concen: 84.38 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF089015.D
 Acq: 15 Jul 2016 14:24

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB07(5-7ft)

Tgt Ion:172 Resp: 500564
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.6 19.2 28.8

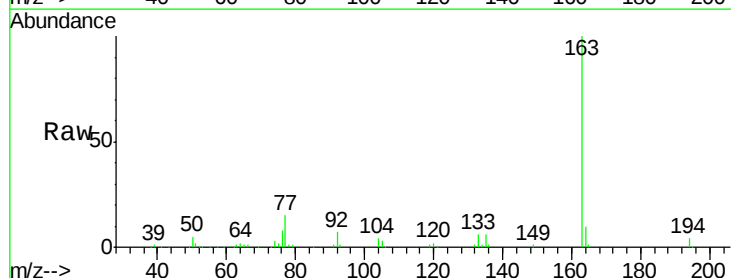


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

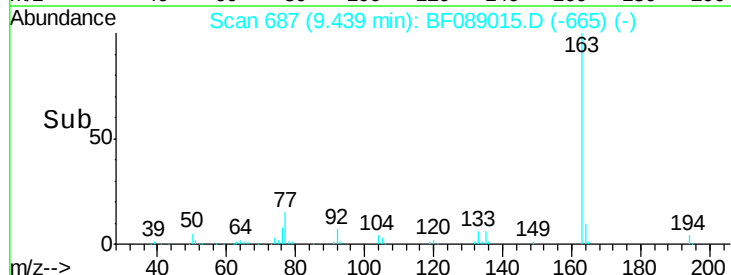
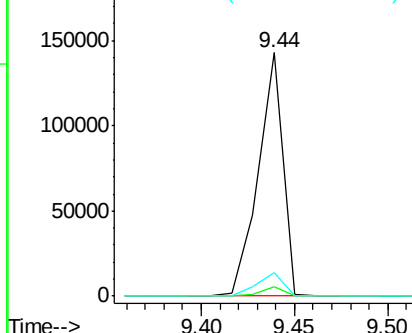


#49
 Dimethylphthalate
 Concen: 19.84 ng
 RT: 9.44 min Scan# 687
 Delta R.T. -0.05 min
 Lab File: BF089015.D
 Acq: 15 Jul 2016 14:24

Tgt Ion:163 Resp: 132446
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.8 4.2
 164 9.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

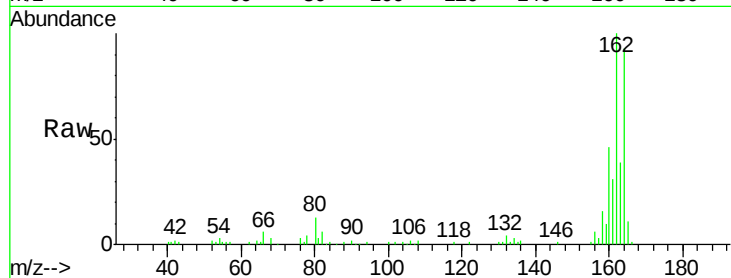




#56
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.23 min
Lab File: BF089015.D
Acq: 15 Jul 2016 14:24

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB07(5-7ft)

Tgt Ion:	165	Resp:	11925
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#

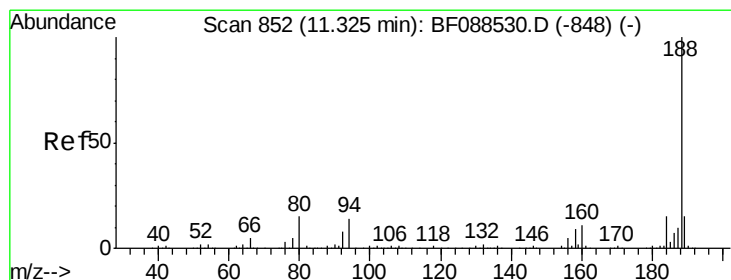
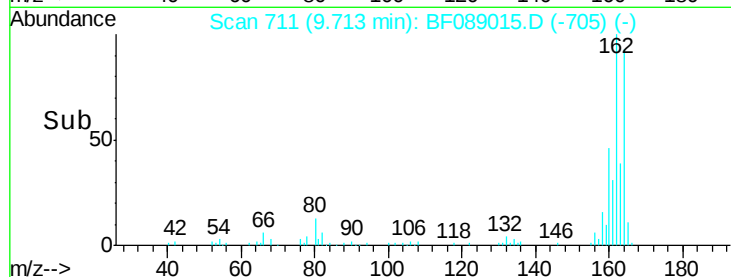
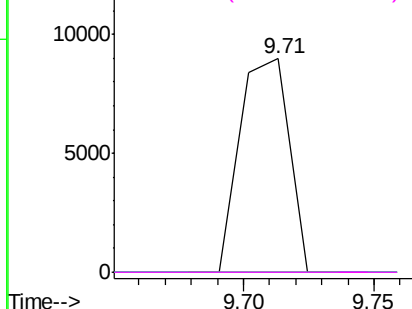


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

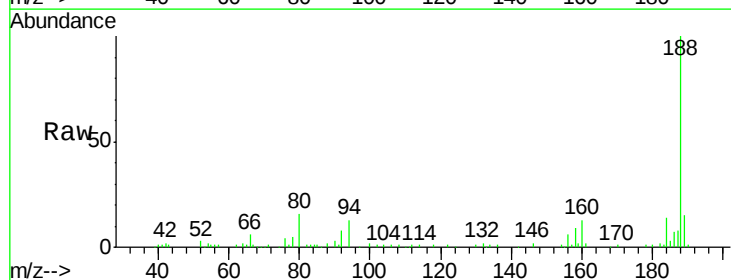
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.05 min
Lab File: BF089015.D
Acq: 15 Jul 2016 14:24

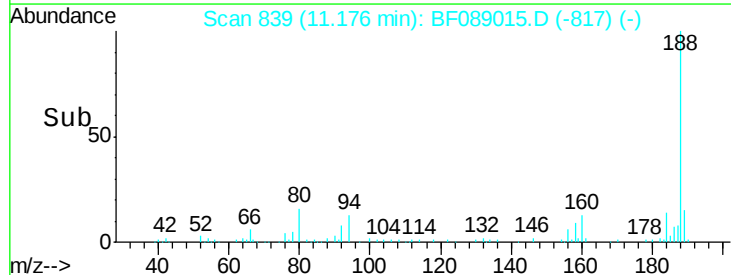
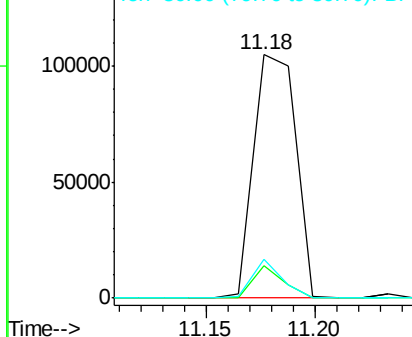
Tgt Ion:	188	Resp:	142625
Ion Ratio	Lower	Upper	
188	100		
94	13.2	9.0	13.6
80	15.9	10.0	15.0#

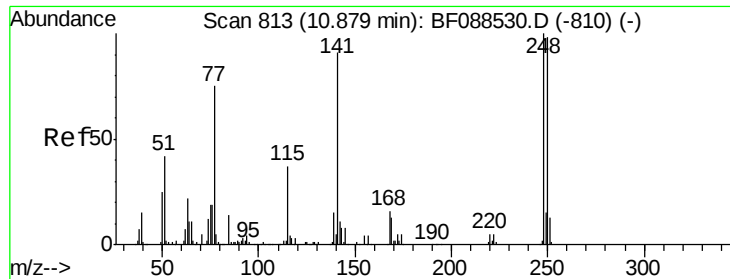


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

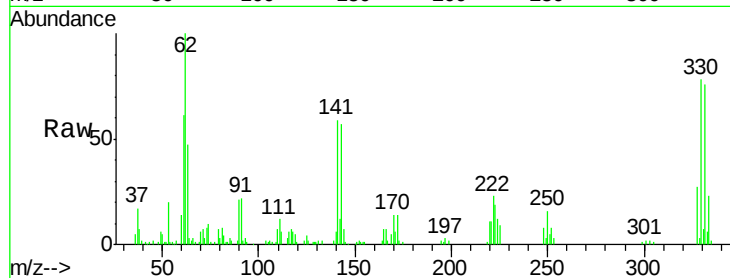




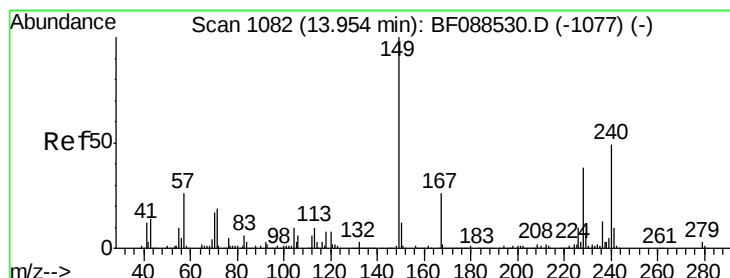
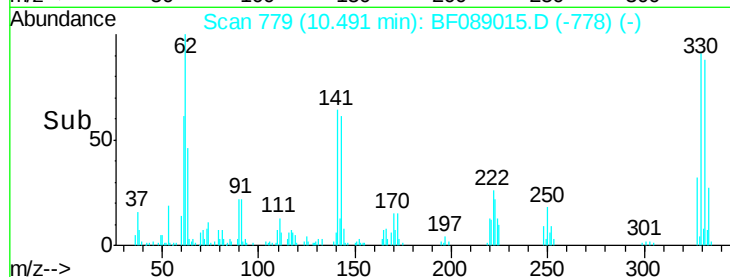
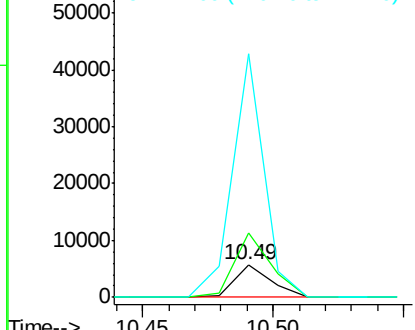
#66
 4-Bromophenyl-phenylether
 Concen: 3.94 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.29 min
 Lab File: BF089015.D
 Acq: 15 Jul 2016 14:24

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB07(5-7ft)

Tgt Ion:248 Resp: 5667
 Ion Ratio Lower Upper
 248 100
 250 199.4 77.1 115.7#
 141 747.7 50.6 76.0#

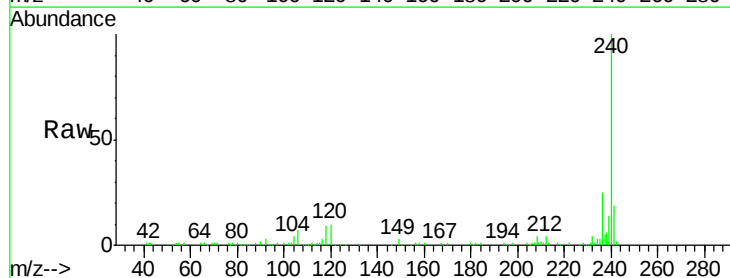


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

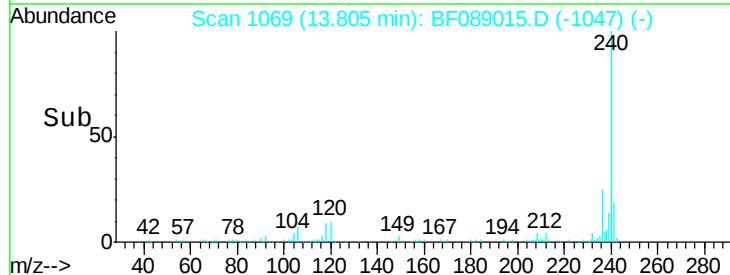
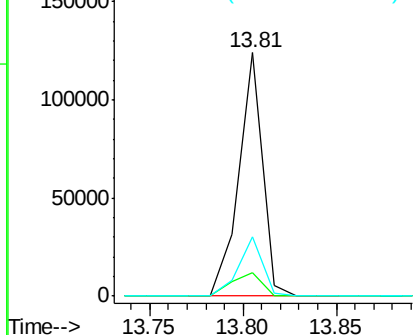


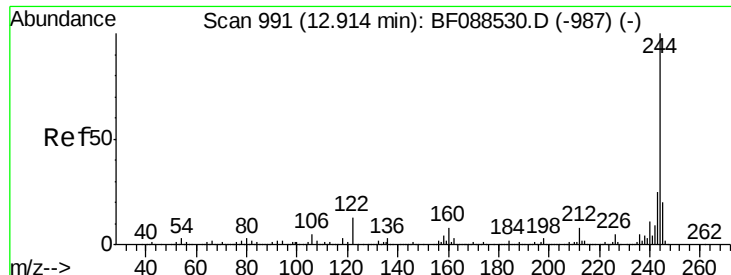
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.05 min
 Lab File: BF089015.D
 Acq: 15 Jul 2016 14:24

Tgt Ion:240 Resp: 110684
 Ion Ratio Lower Upper
 240 100
 120 9.7 6.8 10.2
 236 24.5 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

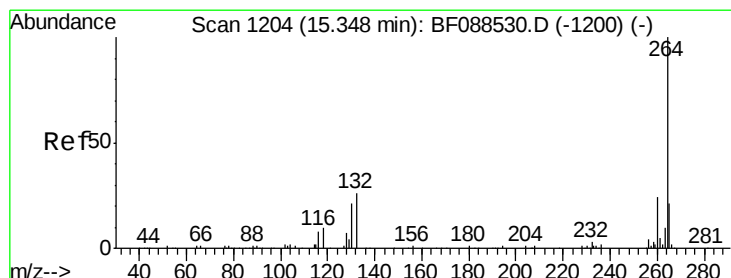
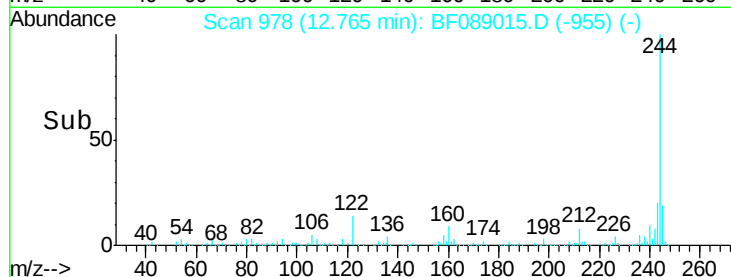
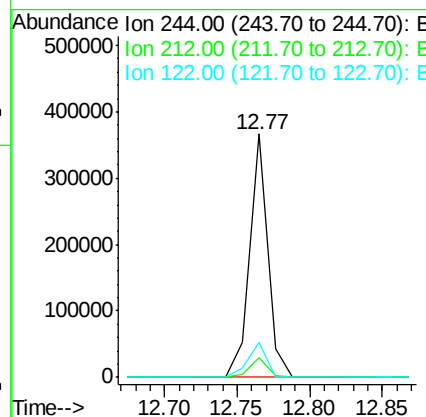
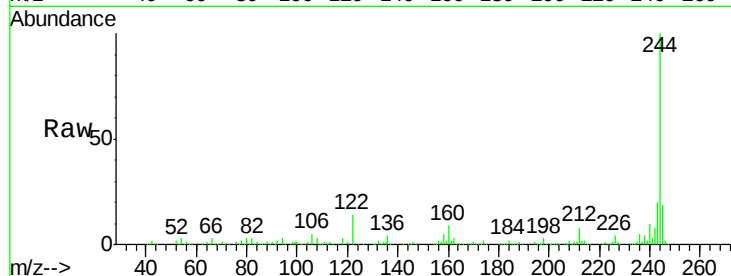




#78
 Terphenyl-d14
 Concen: 64.05 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.03 min
 Lab File: BF089015.D
 Acq: 15 Jul 2016 14:24

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB07(5-7ft)

Tgt Ion: 244 Resp: 318294
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 14.3 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1188
 Delta R.T. -0.05 min
 Lab File: BF089015.D
 Acq: 15 Jul 2016 14:24

Tgt Ion: 264 Resp: 83463
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 20.6 16.9 25.3

