

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
 Data File : BF089511.D
 Acq On : 1 Aug 2016 15:03
 Operator : UM/SJ
 Sample : H4285-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)N

Quant Time: Aug 02 01:45:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

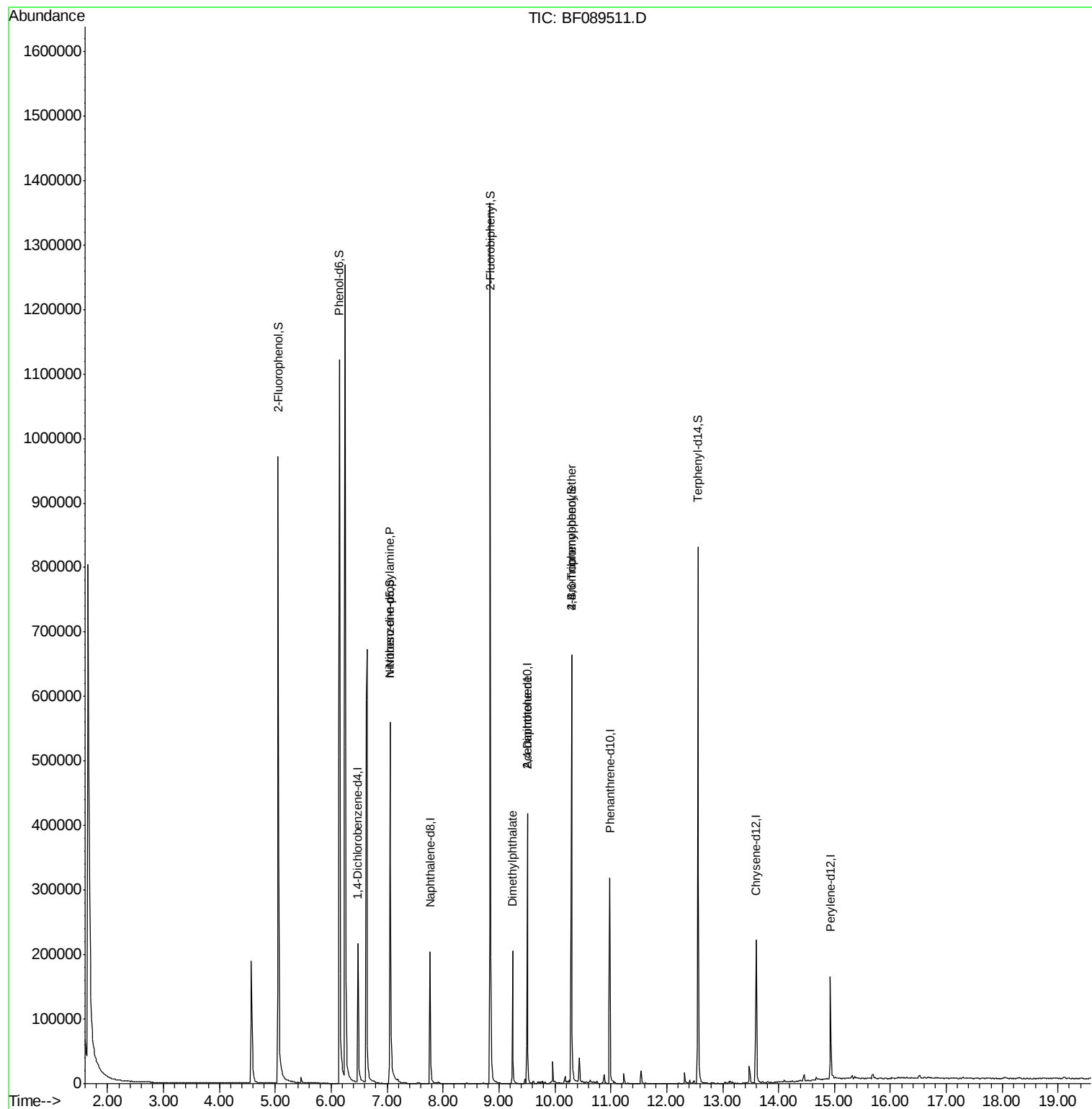
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	41041	20.00	ng	-0.07
21) Naphthalene-d8	7.77	136	162871	20.00	ng	-0.06
38) Acenaphthene-d10	9.51	164	79667	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	144940	20.00	ng	-0.07
75) Chrysene-d12	13.60	240	89843	20.00	ng	-0.07
86) Perylene-d12	14.93	264	66116	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	349772	136.08	ng	-0.06
7) Phenol-d6	6.15	99	510319	150.24	ng	-0.06
23) Nitrobenzene-d5	7.05	82	289449	104.90	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	77521	117.49	ng	-0.07
44) 2-Fluorobiphenyl	8.84	172	441279	81.29	ng	-0.07
78) Terphenyl-d14	12.56	244	283515	73.86	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.05	70	37565	18.34	ng	# 84
49) Dimethylphthalate	9.24	163	82770	13.65	ng	99
56) 2,4-Dinitrotoluene	9.51	165	9929	6.05	ng	# 7
66) 4-Bromophenyl-phenylether	10.30	248	5938	4.29	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: 6.48 min Scan# 428

Delta R.T. -0.07 min

Lab File: BF089511.D

Acq: 1 Aug 2016 15:03

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)N

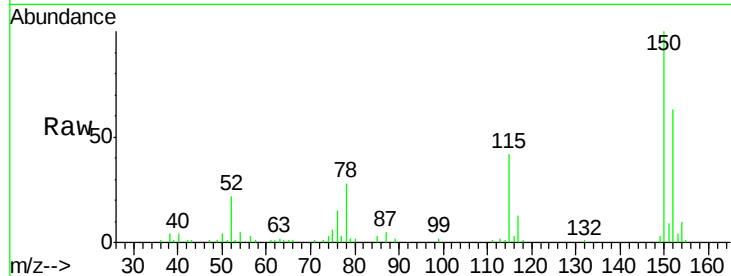
Tgt Ion:152 Resp: 41041

Ion Ratio Lower Upper

152 100

150 158.3 129.5 194.3

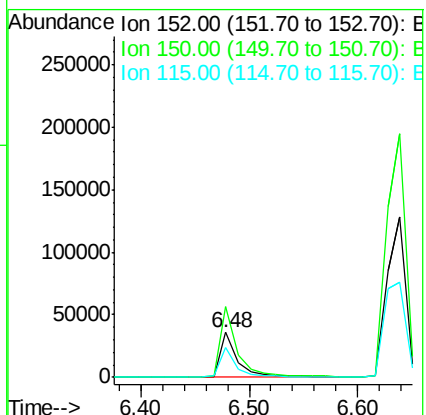
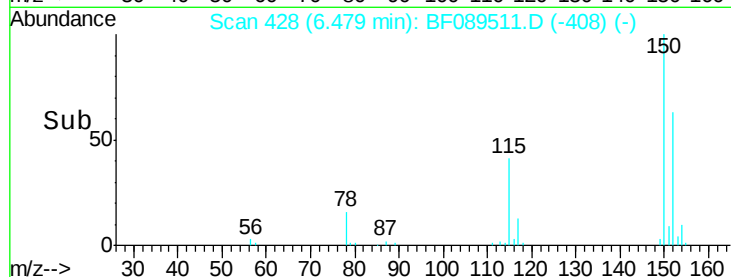
115 66.1 51.4 77.2



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: 136.08 ng

RT: 5.05 min Scan# 303

Delta R.T. -0.06 min

Lab File: BF089511.D

Acq: 1 Aug 2016 15:03

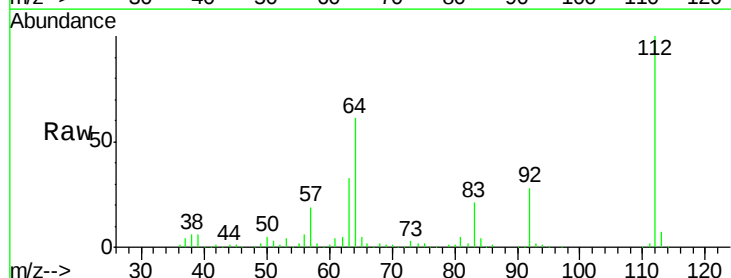
Tgt Ion:112 Resp: 349772

Ion Ratio Lower Upper

112 100

64 61.1 55.0 82.6

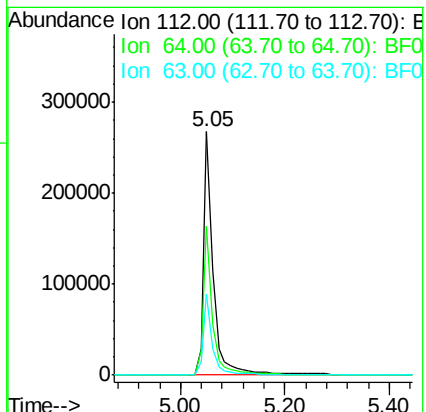
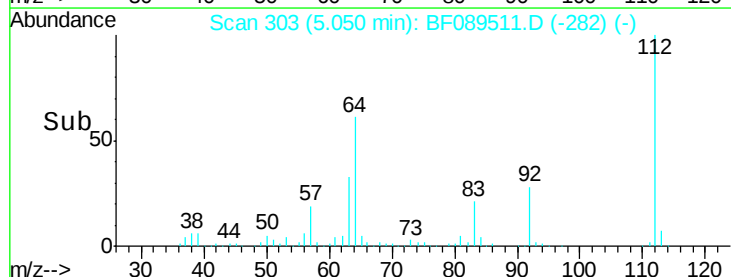
63 33.4 29.4 44.2



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: 150.24 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.06 min

Lab File: BF089511.D

Acq: 1 Aug 2016 15:03

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)N

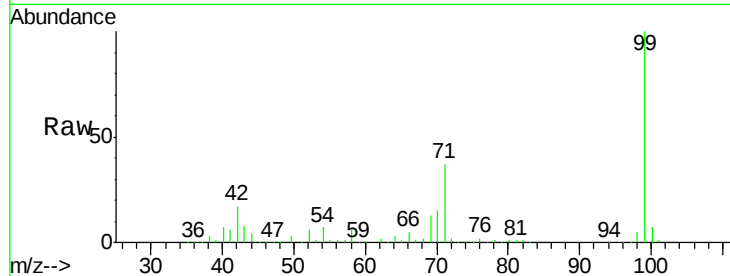
Tgt Ion: 99 Resp: 510319

Ion Ratio Lower Upper

99 100

42 17.5 13.6 20.4

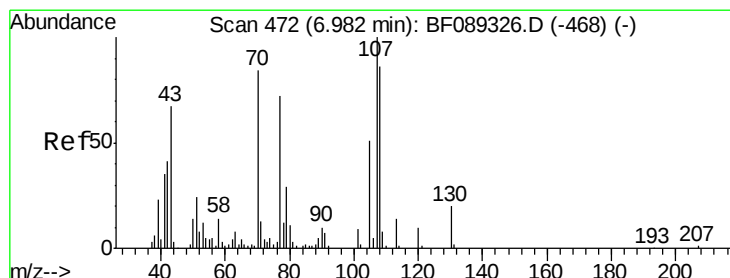
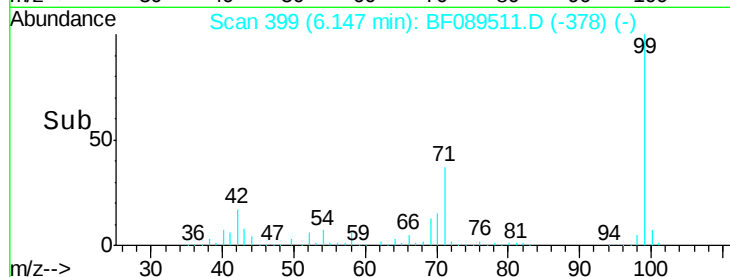
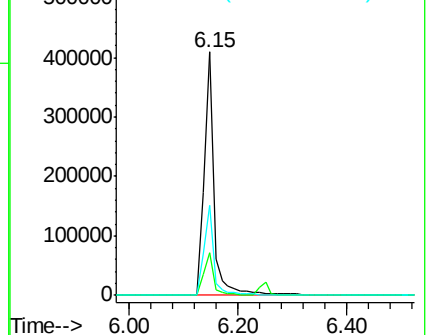
71 36.7 29.4 44.2



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: 18.34 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.07 min

Lab File: BF089511.D

Acq: 1 Aug 2016 15:03

Tgt Ion: 70 Resp: 37565

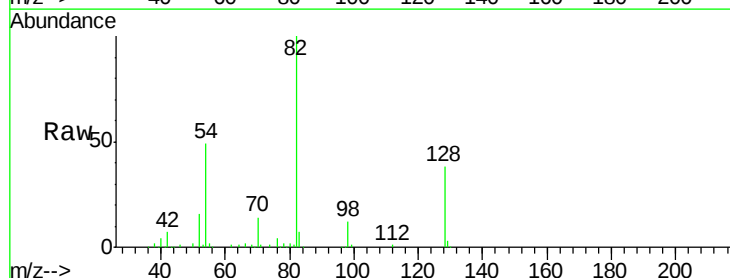
Ion Ratio Lower Upper

70 100

42 48.3 38.6 57.8

101 0.0 8.3 12.5#

130 2.0 19.0 28.4#

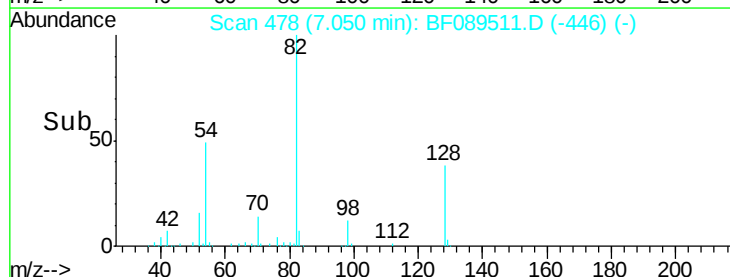
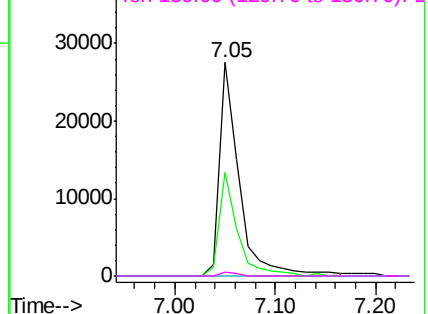


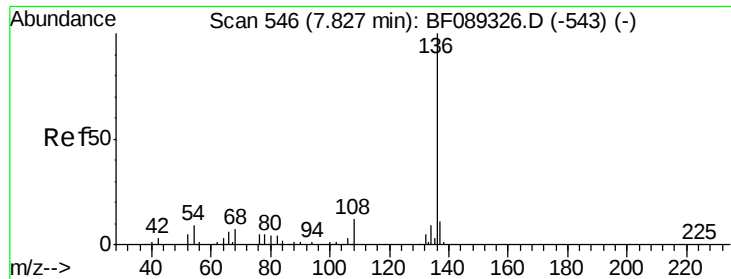
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.77 min Scan# 541

Delta R.T. -0.06 min

Lab File: BF089511.D

Acq: 1 Aug 2016 15:03

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)N

Tgt Ion:136 Resp: 162871

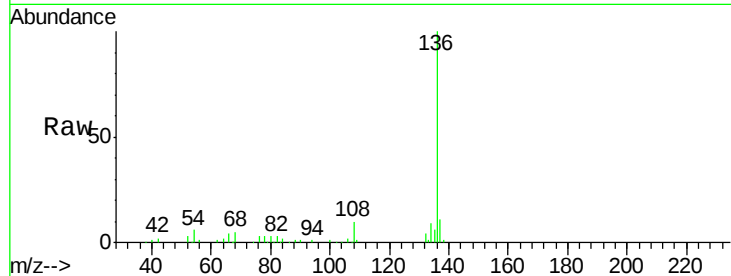
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 5.6 7.0 10.4#

68 4.7 4.9 7.3#

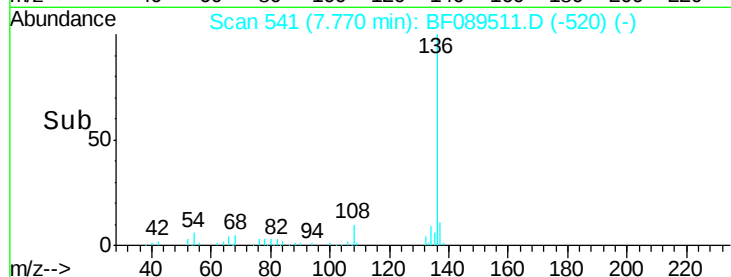


Abundance Ion 136.00 (135.70 to 136.70): E

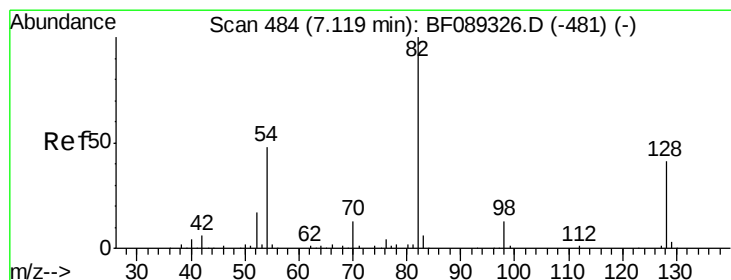
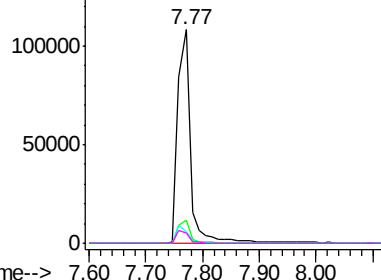
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 104.90 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.07 min

Lab File: BF089511.D

Acq: 1 Aug 2016 15:03

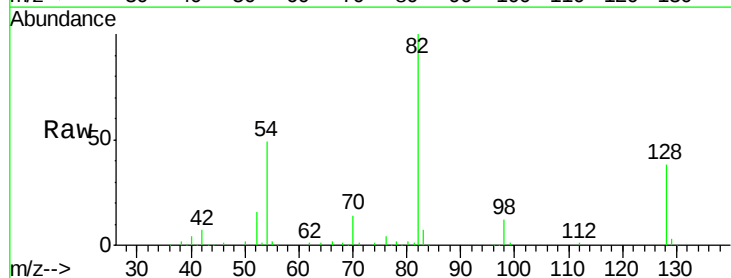
Tgt Ion: 82 Resp: 289449

Ion Ratio Lower Upper

82 100

128 38.2 32.5 48.7

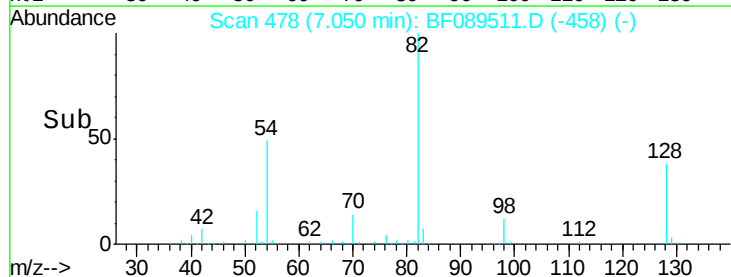
54 48.9 38.8 58.2



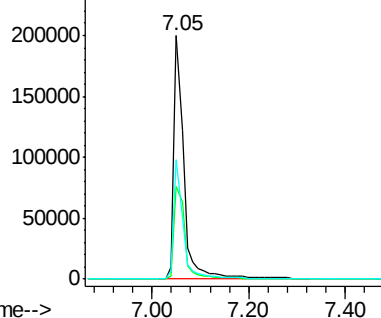
Abundance Ion 82.00 (81.70 to 82.70): BF0

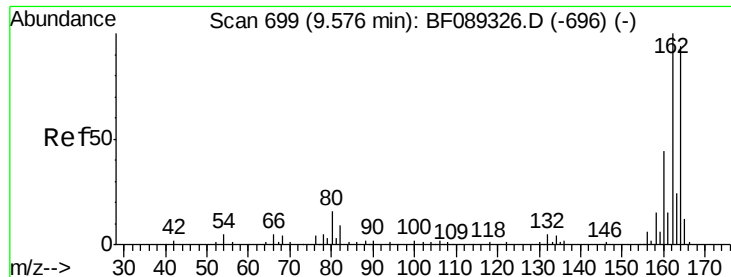
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

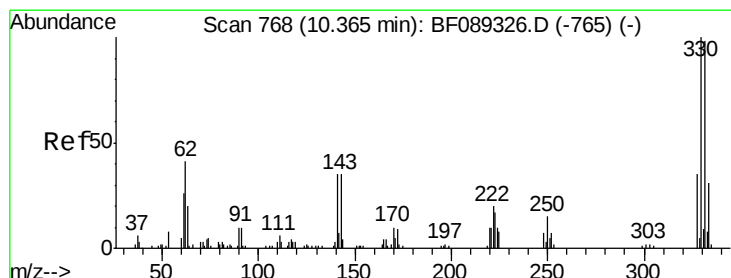
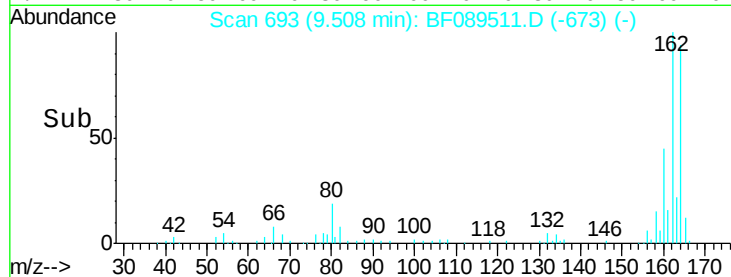
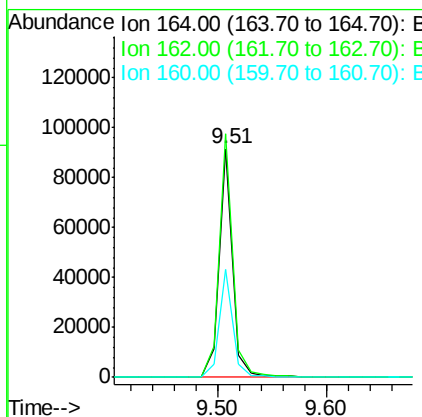
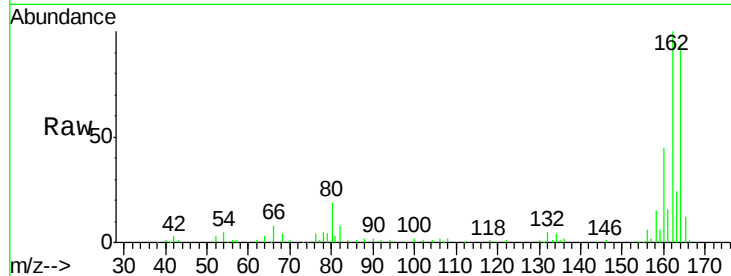




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.07 min
 Lab File: BF089511.D
 Acq: 1 Aug 2016 15:03

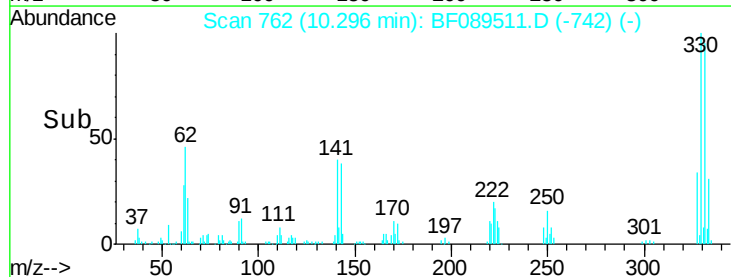
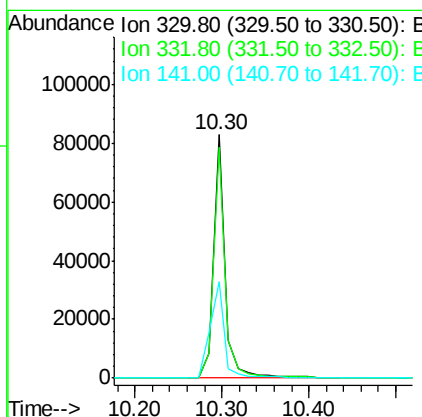
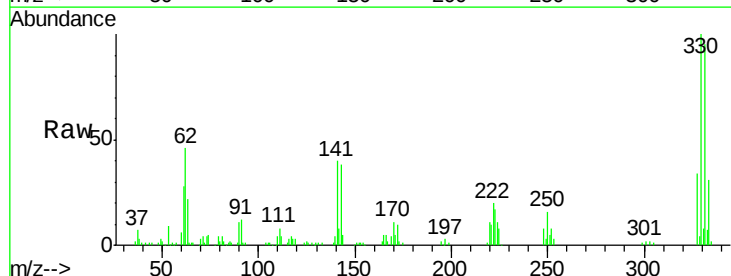
Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)N

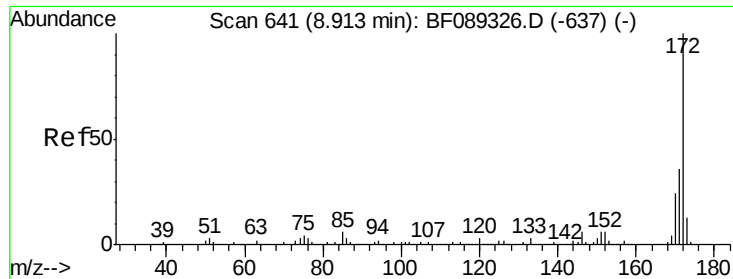
Tgt Ion:164 Resp: 79667
 Ion Ratio Lower Upper
 164 100
 162 106.6 83.7 125.5
 160 47.5 37.8 56.6



#41
 2,4,6-Tribromophenol
 Concen: 117.49 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.07 min
 Lab File: BF089511.D
 Acq: 1 Aug 2016 15:03

Tgt Ion:330 Resp: 77521
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.8 115.2
 141 48.5 37.3 55.9

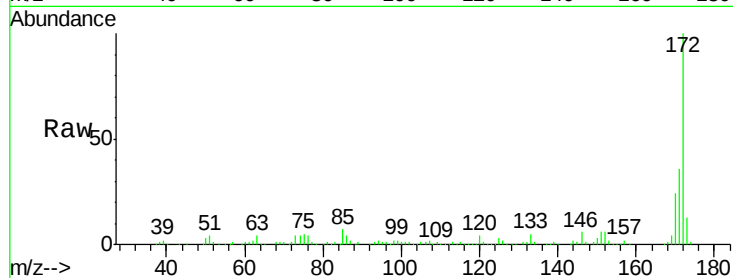




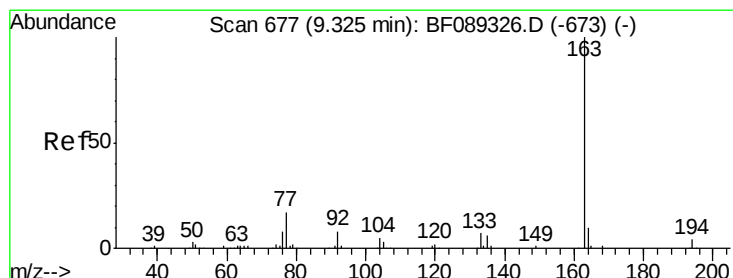
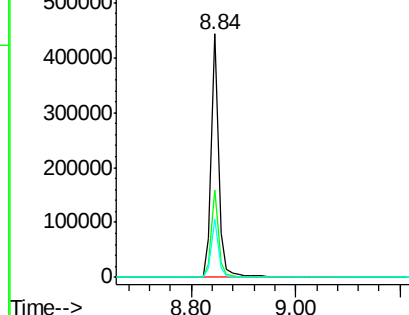
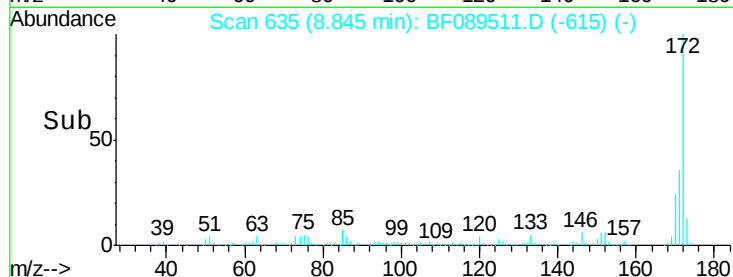
#44
 2-Fluorobiphenyl
 Concen: 81.29 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.07 min
 Lab File: BF089511.D
 Acq: 1 Aug 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)N

Tgt Ion:172 Resp: 441279
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.7 19.2 28.8

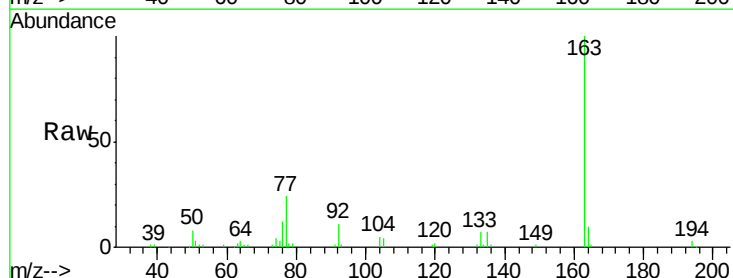


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

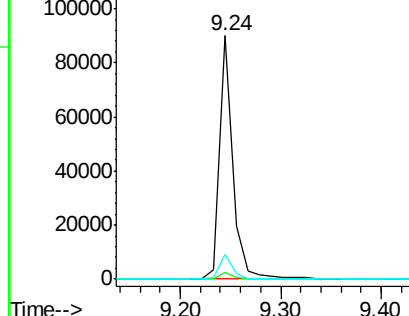
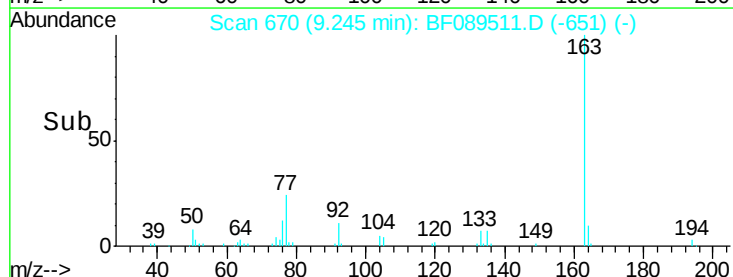


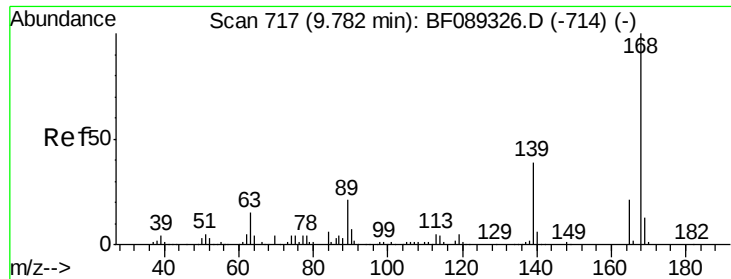
#49
 Dimethylphthalate
 Concen: 13.65 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.08 min
 Lab File: BF089511.D
 Acq: 1 Aug 2016 15:03

Tgt Ion:163 Resp: 82770
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.8 4.2
 164 10.2 7.8 11.8



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

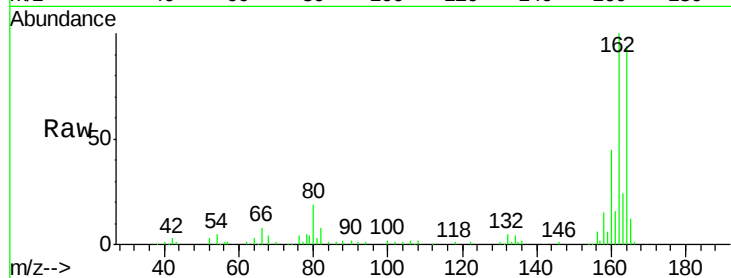




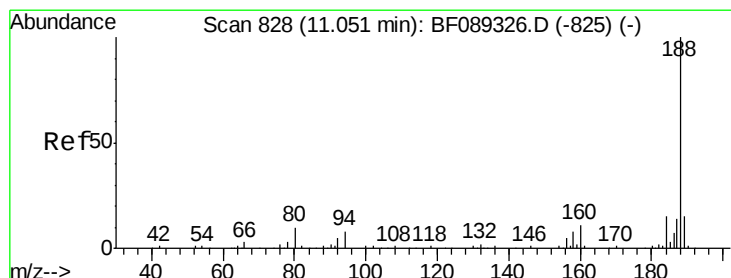
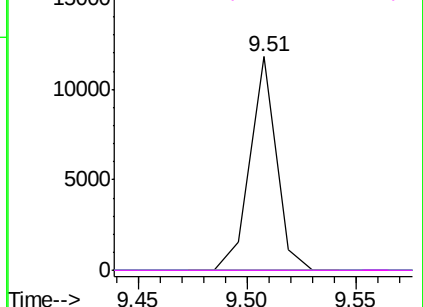
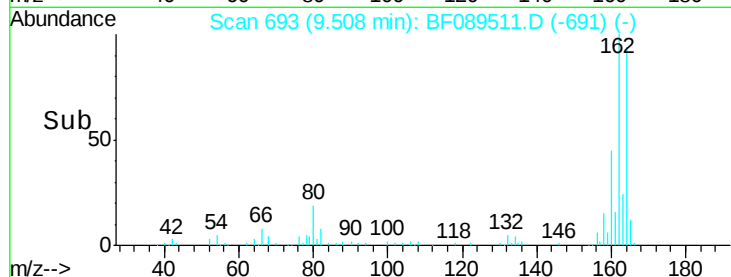
#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.27 min
 Lab File: BF089511.D
 Acq: 1 Aug 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)N

Tgt Ion:165 Resp: 9929
 Ion Ratio Lower Upper
 165 100
 63 0.0 58.2 87.2#
 89 0.0 79.1 118.7#
 182 0.0 1.8 2.8#

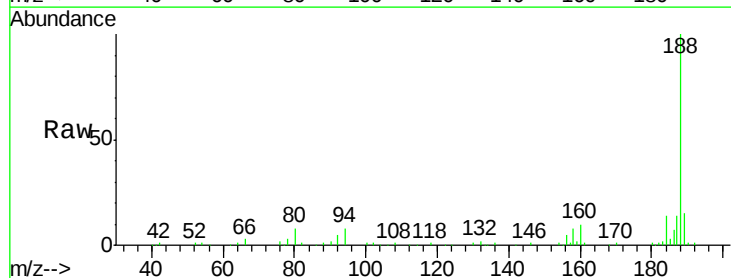


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

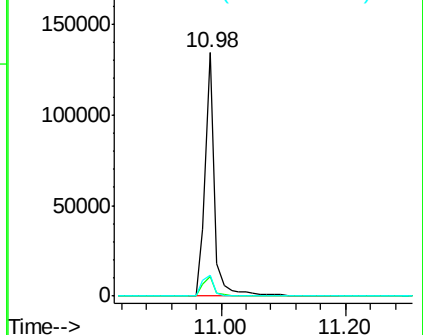
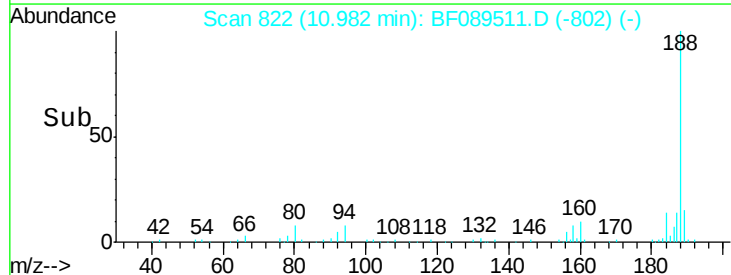


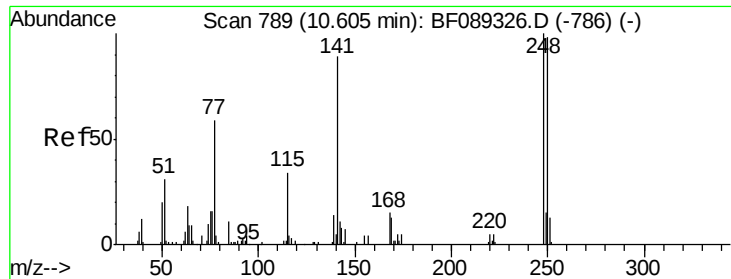
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.07 min
 Lab File: BF089511.D
 Acq: 1 Aug 2016 15:03

Tgt Ion:188 Resp: 144940
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.5 9.7
 80 8.4 7.2 10.8



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

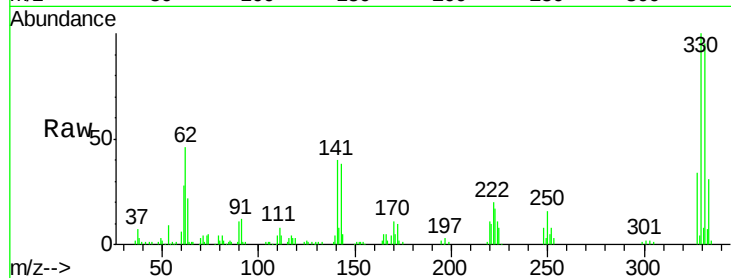




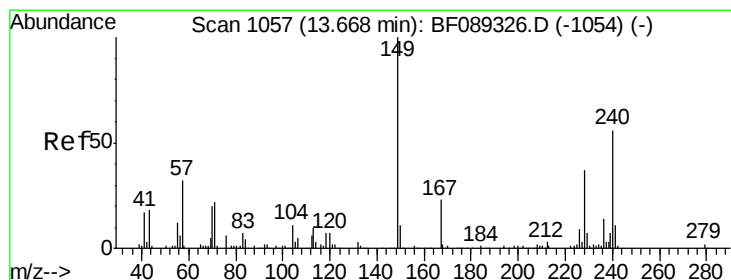
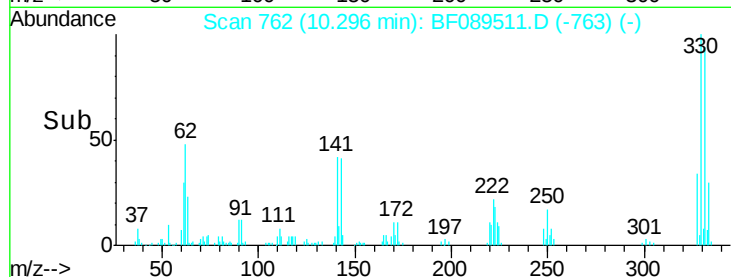
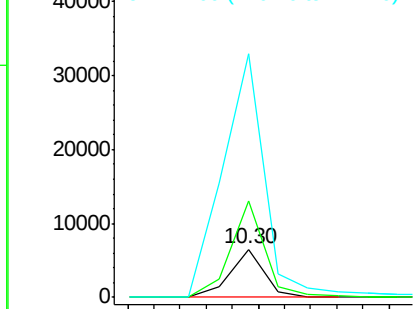
#66
4-Bromophenyl-phenylether
Concen: 4.29 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.31 min
Lab File: BF089511.D
Acq: 1 Aug 2016 15:03

Instrument :
BNA_F
ClientSampleId :
AB-SLOPE(0-4)N

Tgt Ion:248 Resp: 5938
Ion Ratio Lower Upper
248 100
250 201.0 78.2 117.2#
141 508.5 62.0 93.0#

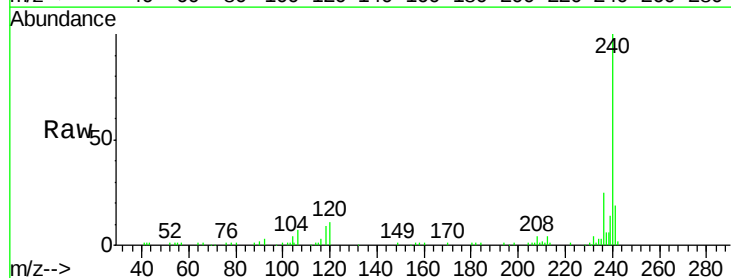


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

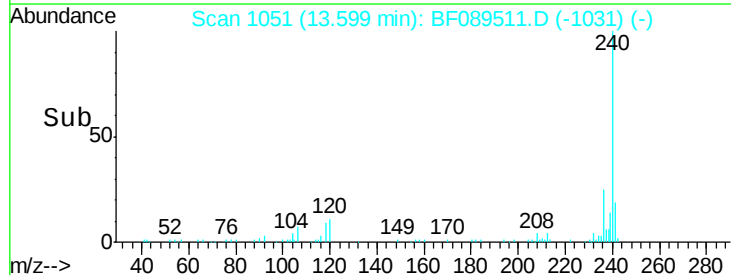
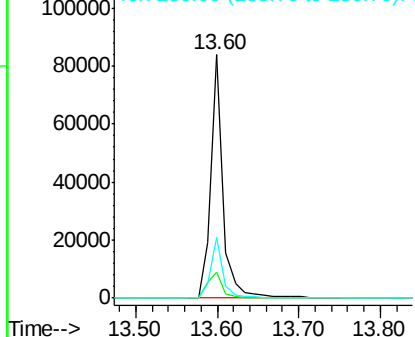


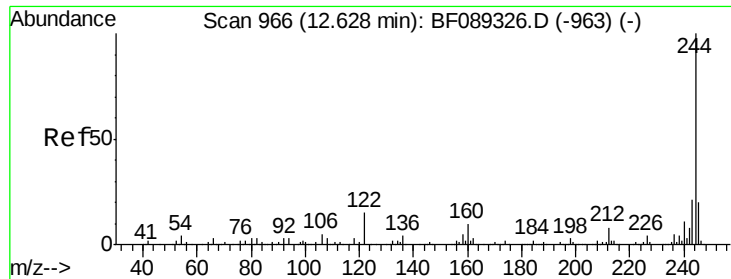
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.07 min
Lab File: BF089511.D
Acq: 1 Aug 2016 15:03

Tgt Ion:240 Resp: 89843
Ion Ratio Lower Upper
240 100
120 10.8 9.1 13.7
236 24.9 20.6 30.8



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

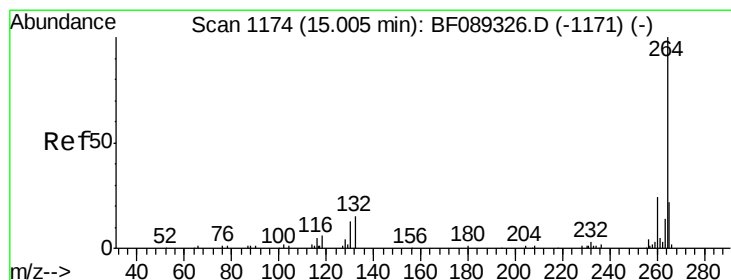
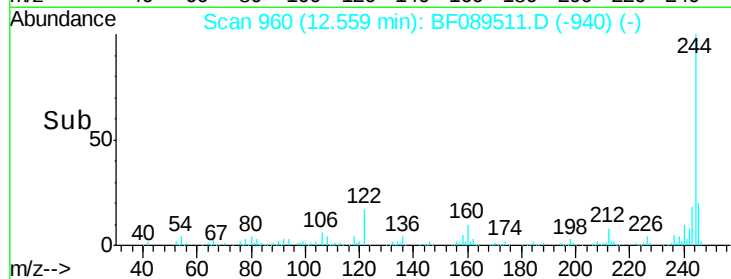
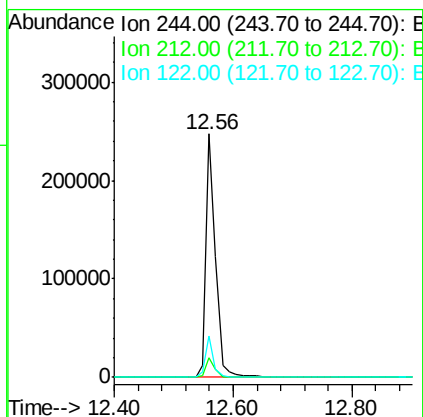
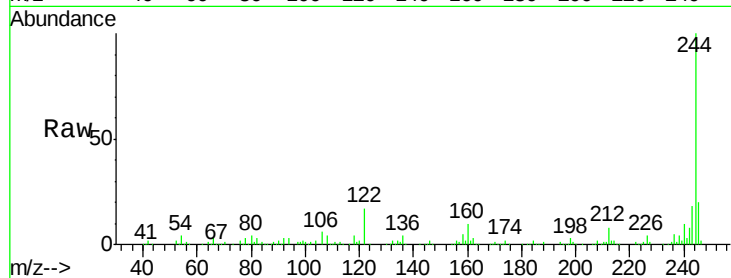




#78
 Terphenyl-d14
 Concen: 73.86 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.07 min
 Lab File: BF089511.D
 Acq: 1 Aug 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)N

Tgt Ion:244 Resp: 283515
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 16.8 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF089511.D
 Acq: 1 Aug 2016 15:03

Tgt Ion:264 Resp: 66116
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.3 17.5 26.3

