

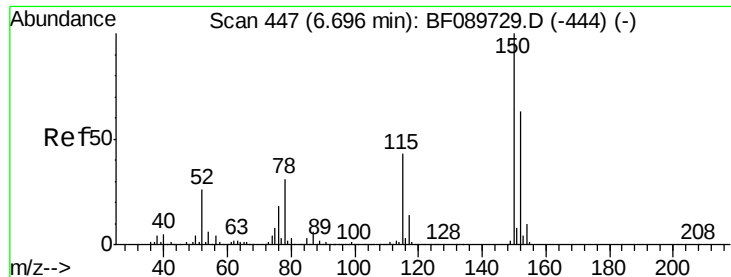
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081716\
 Data File : BF089761.D
 Acq On : 17 Aug 2016 14:29
 Operator : UM/SJ
 Sample : H4476-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-46A

Quant Time: Aug 17 15:38:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	686766	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2951321	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1458511	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2492357	20.00	ng	0.00
75) Chrysene-d12	13.87	240	2030720	20.00	ng	-0.02
86) Perylene-d12	15.36	264	1828330	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2568702	62.41	ng	0.00
7) Phenol-d6	6.33	99	2233146	42.65	ng	0.00
23) Nitrobenzene-d5	7.27	82	4093214	84.69	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1676312	118.80	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	6895315	75.86	ng	0.00
78) Terphenyl-d14	12.81	244	5530984	81.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	112157	3.23	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.27	70	579063	16.89	ng	# 74
50) 2,6-Dinitrotoluene	9.74	165	194820	8.16	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	194792	6.34	ng	# 35
66) 4-Bromophenyl-phenylether	10.52	248	104051	4.03	ng	# 1

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

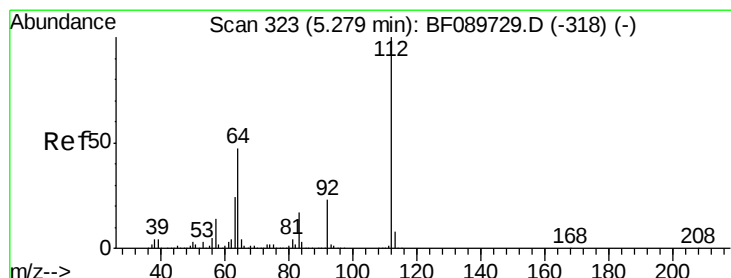
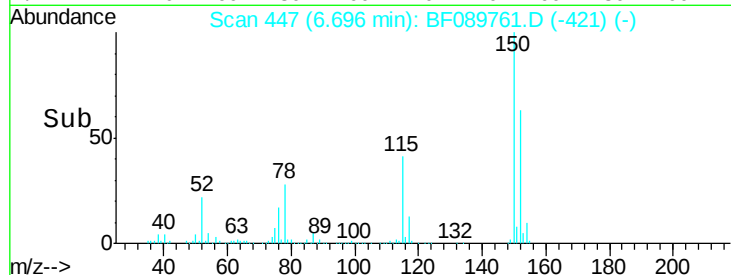
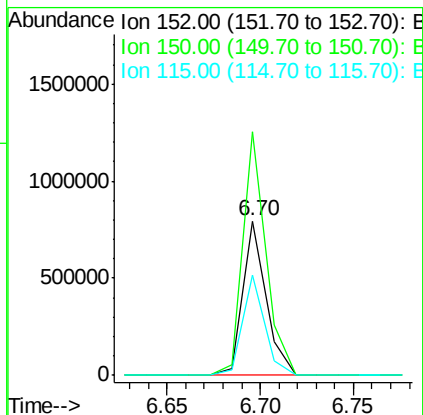
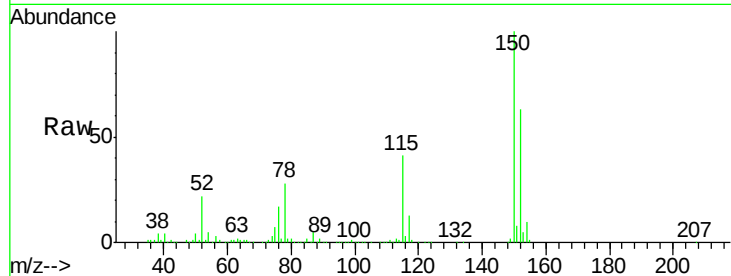


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089761.D
Acq: 17 Aug 2016 14:29

Instrument :
BNA_F
ClientSampleId :
LOCATION-46A

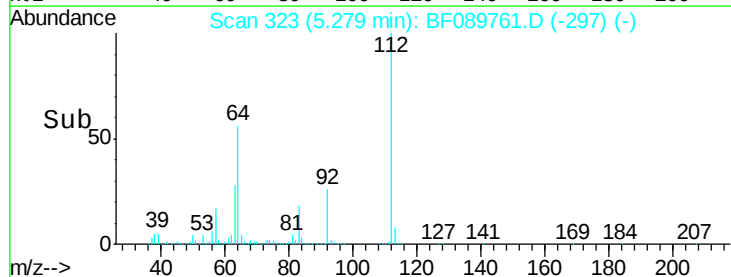
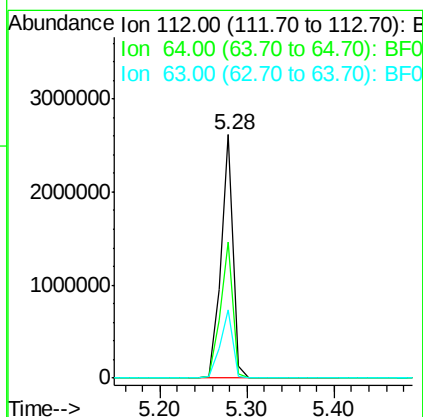
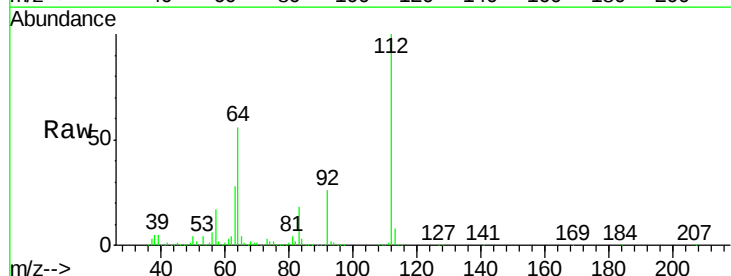
Tgt Ion:152 Resp: 686766
Ion Ratio Lower Upper
152 100
150 157.7 125.3 187.9
115 64.6 40.9 61.3#

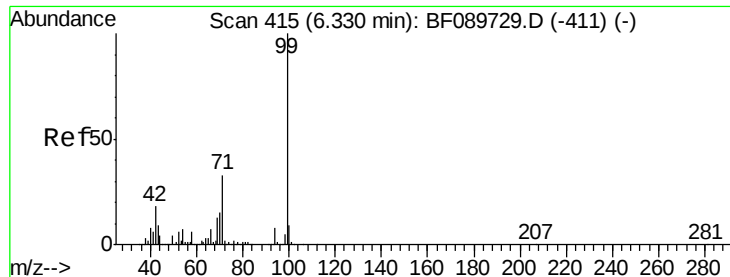


#5

2-Fluorophenol
Concen: 62.41 ng
RT: 5.28 min Scan# 323
Delta R.T. 0.00 min
Lab File: BF089761.D
Acq: 17 Aug 2016 14:29

Tgt Ion:112 Resp: 2568702
Ion Ratio Lower Upper
112 100
64 56.0 45.0 67.4
63 28.2 23.1 34.7





#7

Phenol-d6

Concen: 42.65 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089761.D

Acq: 17 Aug 2016 14:29

Instrument :

BNA_F

ClientSampleId :

LOCATION-46A

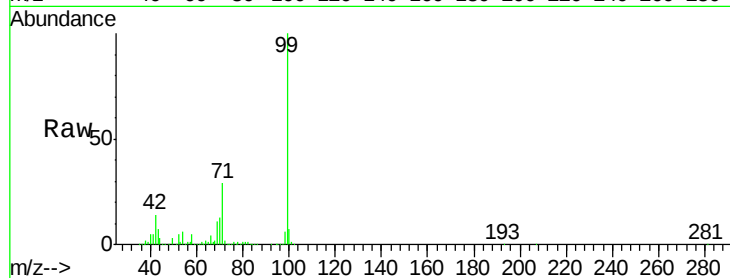
Tgt Ion: 99 Resp: 2233146

Ion Ratio Lower Upper

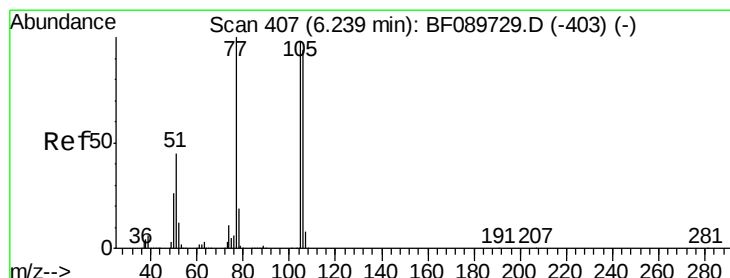
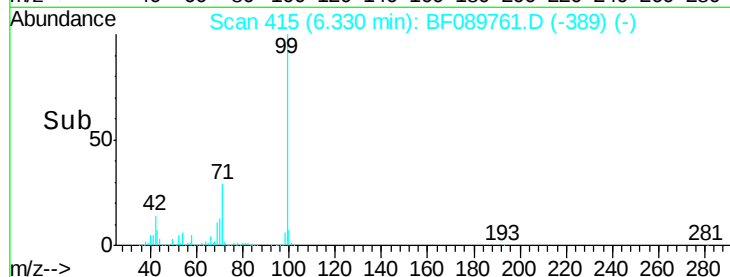
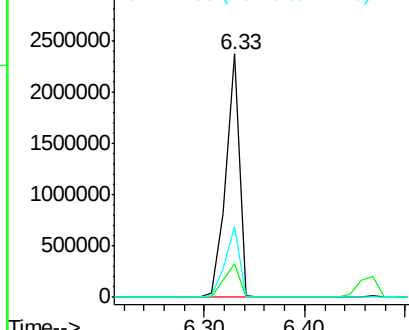
99 100

42 13.8 12.2 18.4

71 29.0 23.8 35.8



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



#9

Benzaldehyde

Concen: 3.23 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.23 min

Lab File: BF089761.D

Acq: 17 Aug 2016 14:29

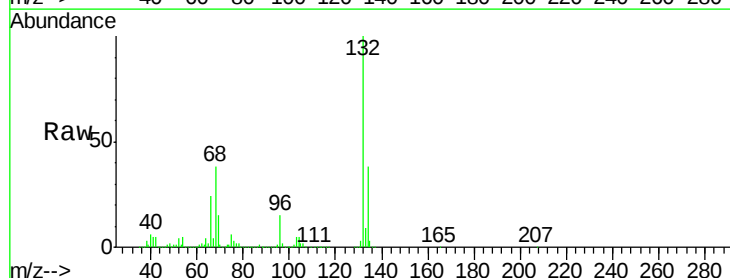
Tgt Ion: 77 Resp: 112157

Ion Ratio Lower Upper

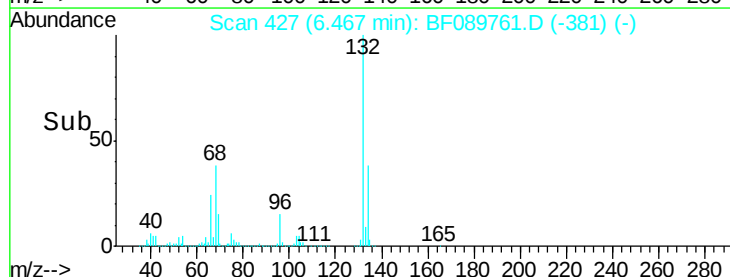
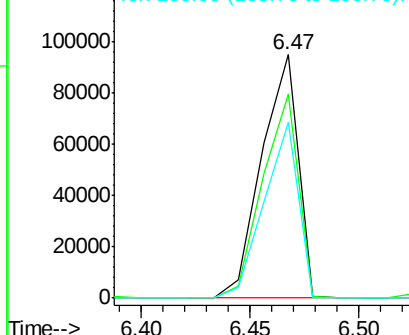
77 100

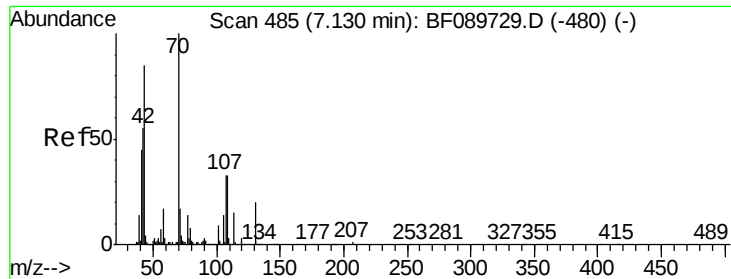
105 83.7 73.3 113.3

106 72.4 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

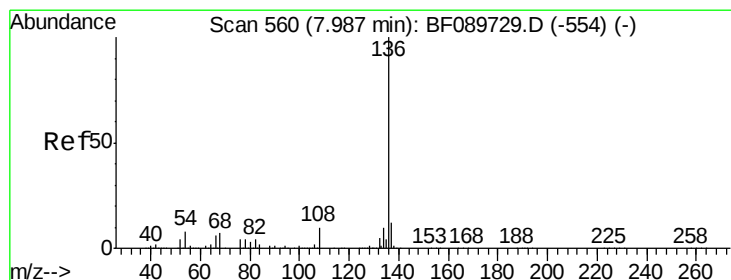
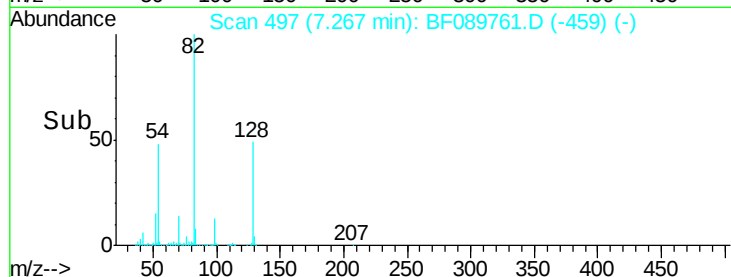
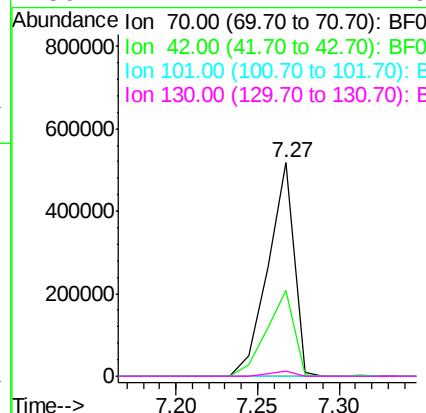
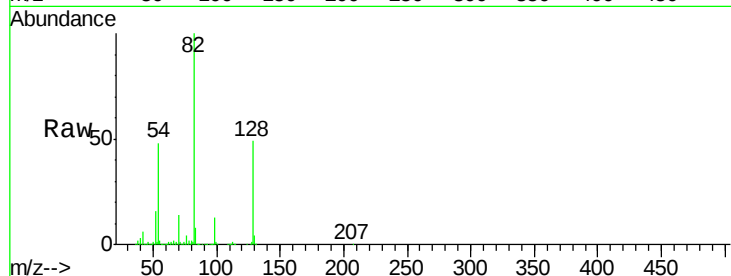




#19
n-Nitroso-di-n-propylamine
Concen: 16.89 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.14 min
Lab File: BF089761.D
Acq: 17 Aug 2016 14:29

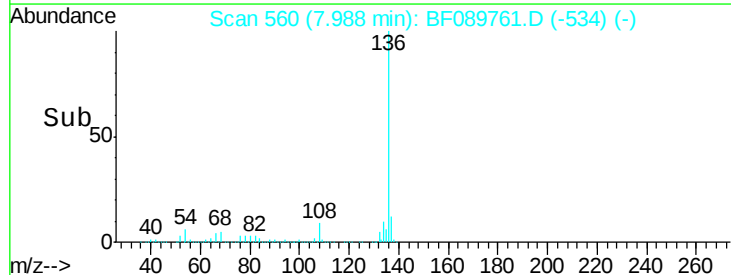
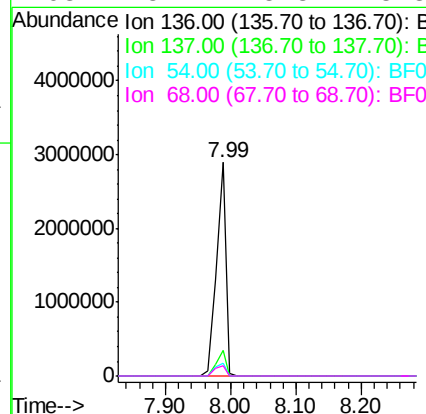
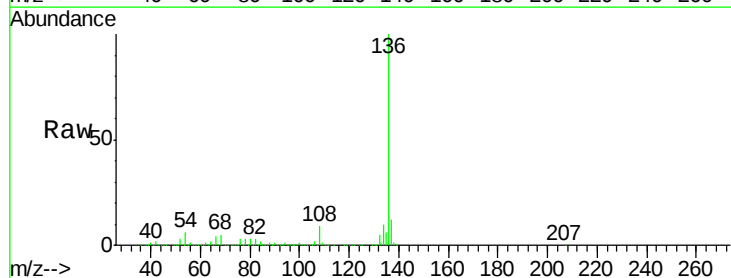
Instrument :
BNA_F
ClientSampleId :
LOCATION-46A

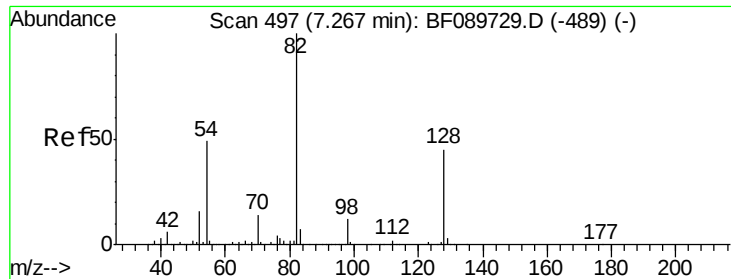
Tgt Ion:	70	Resp:	579063
Ion	Ratio	Lower	Upper
70	100		
42	40.1	46.3	69.5#
101	0.0	7.0	10.6#
130	2.4	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF089761.D
Acq: 17 Aug 2016 14:29

Tgt Ion:	136	Resp:	2951321
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	5.7	7.2	10.8#
68	5.1	5.8	8.8#

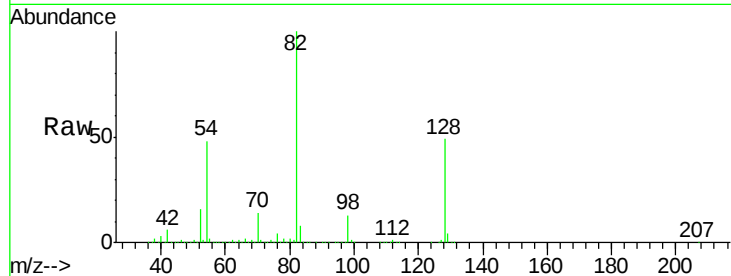




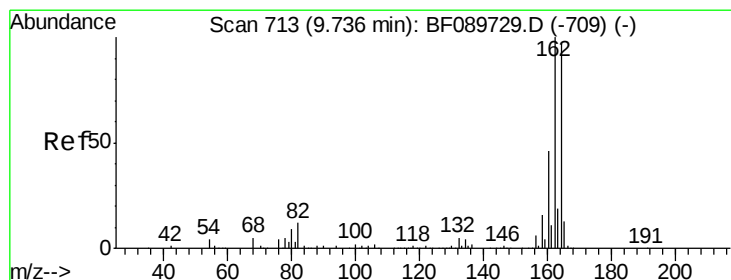
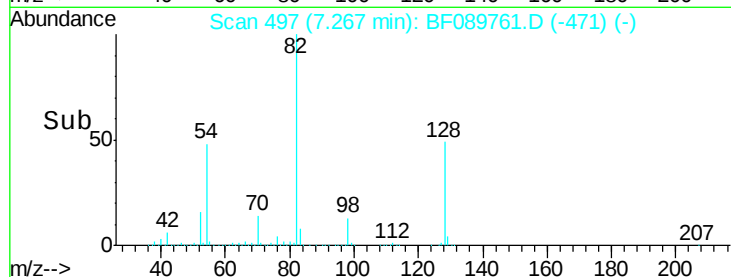
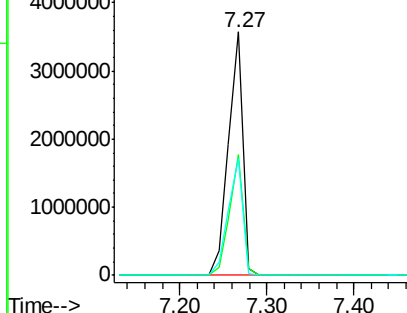
#23
 Nitrobenzene-d5
 Concen: 84.69 ng
 RT: 7.27 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF089761.D
 Acq: 17 Aug 2016 14:29

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-46A

Tgt Ion: 82 Resp: 4093214
 Ion Ratio Lower Upper
 82 100
 128 49.4 34.4 51.6
 54 48.1 40.3 60.5

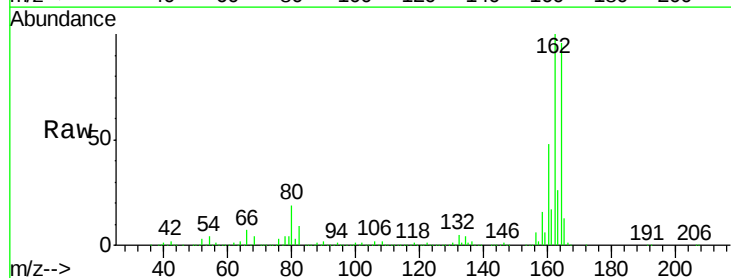


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

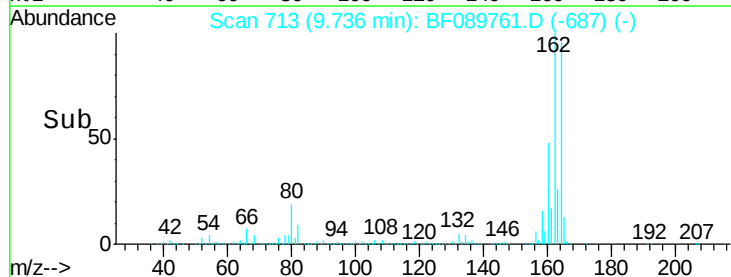
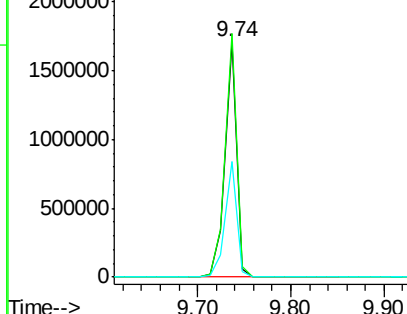


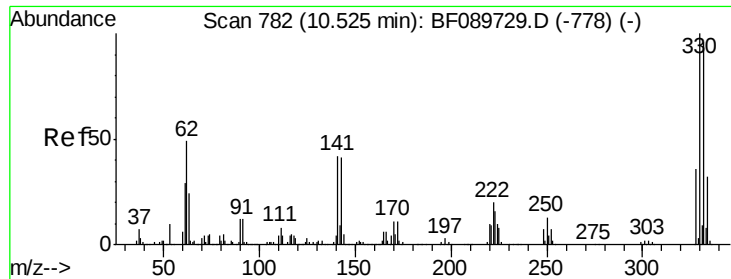
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF089761.D
 Acq: 17 Aug 2016 14:29

Tgt Ion: 164 Resp: 1458511
 Ion Ratio Lower Upper
 164 100
 162 103.7 81.4 122.2
 160 49.4 37.8 56.6



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

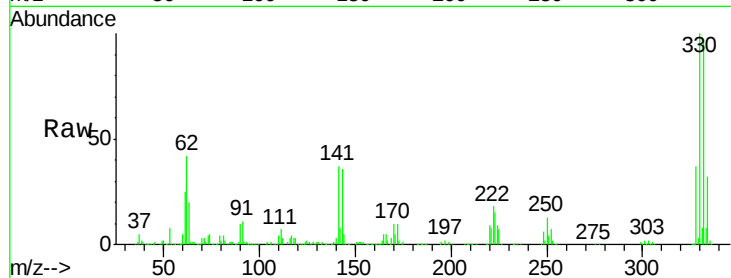




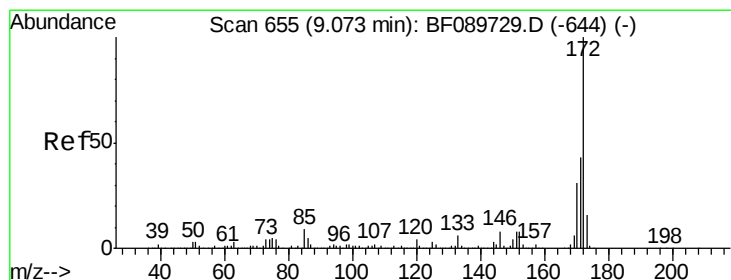
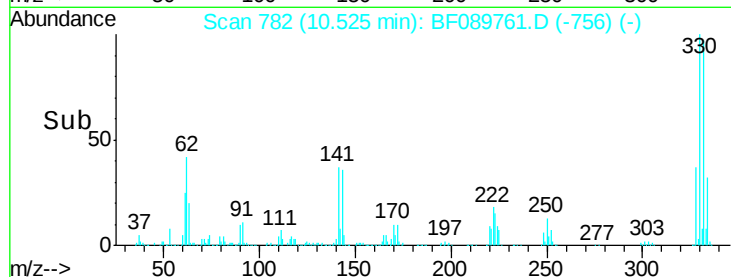
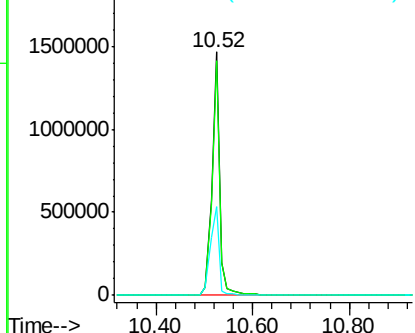
#41
 2,4,6-Tribromophenol
 Concen: 118.80 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089761.D
 Acq: 17 Aug 2016 14:29

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-46A

Tgt Ion:330 Resp: 1676312
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.7 115.1
 141 42.2 30.2 45.2

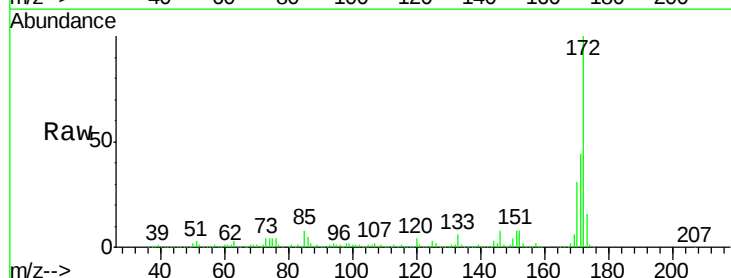


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

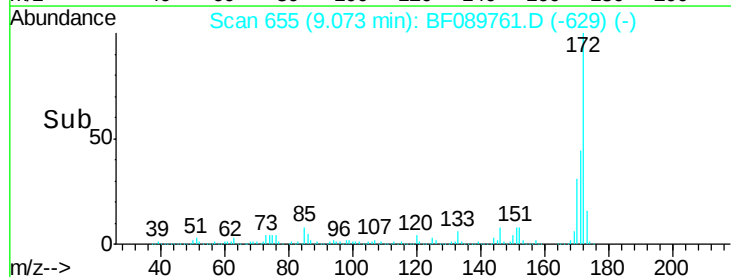
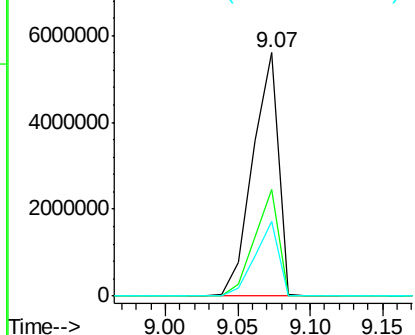


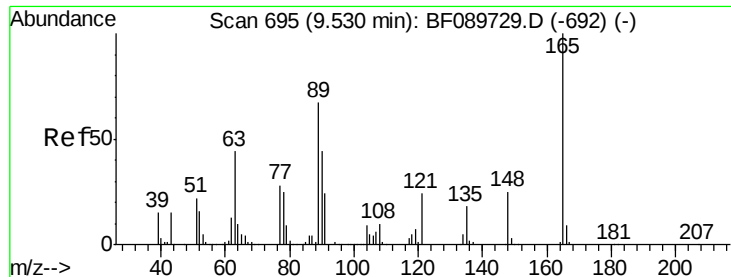
#44
 2-Fluorobiphenyl
 Concen: 75.86 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089761.D
 Acq: 17 Aug 2016 14:29

Tgt Ion:172 Resp: 6895315
 Ion Ratio Lower Upper
 172 100
 171 43.6 30.5 45.7
 170 30.7 20.6 31.0



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





#50

2,6-Dinitrotoluene

Concen: 8.16 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.21 min

Lab File: BF089761.D

Acq: 17 Aug 2016 14:29

Instrument :

BNA_F

ClientSampleId :

LOCATION-46A

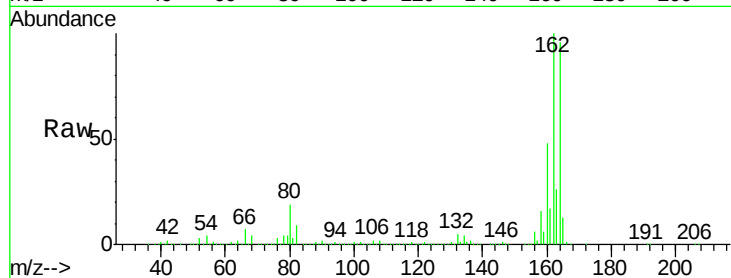
Tgt Ion:165 Resp: 194820

Ion Ratio Lower Upper

165 100

63 1.2 41.7 62.5#

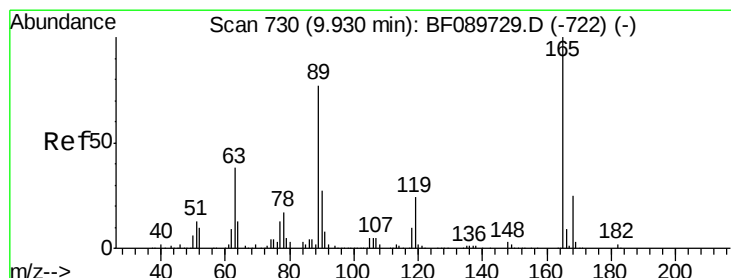
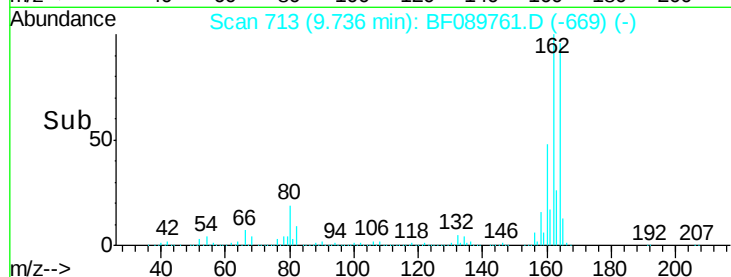
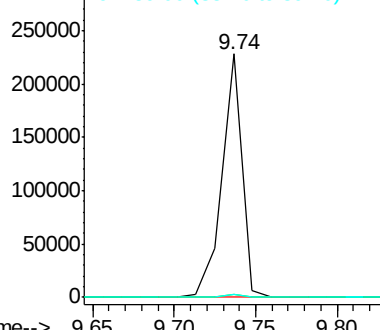
89 1.1 44.6 67.0#



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



#56

2,4-Dinitrotoluene

Concen: 6.34 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.19 min

Lab File: BF089761.D

Acq: 17 Aug 2016 14:29

Tgt Ion:165 Resp: 194792

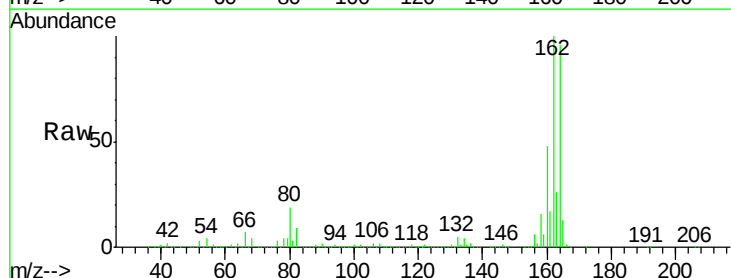
Ion Ratio Lower Upper

165 100

63 1.2 23.7 35.5#

89 1.1 44.0 66.0#

182 0.0 2.0 3.0#

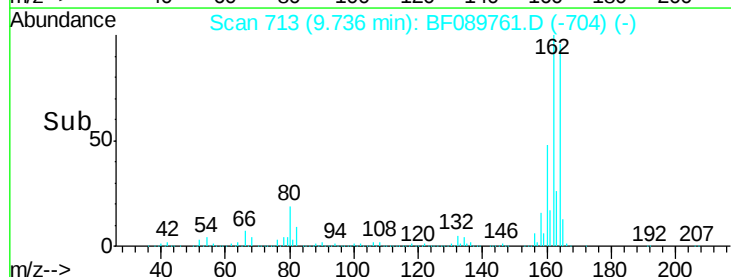
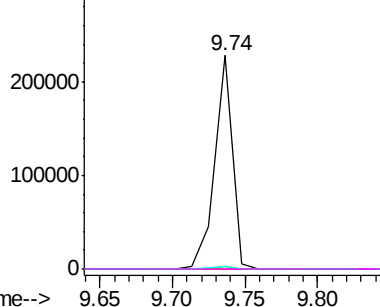


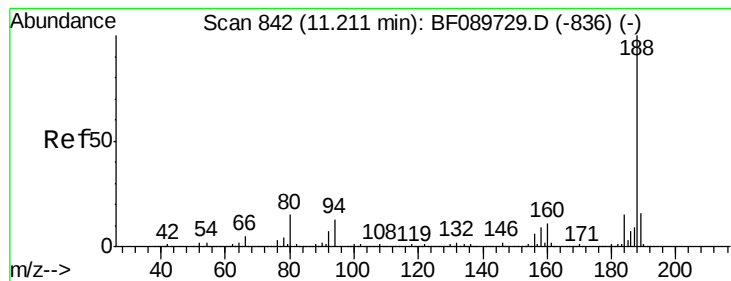
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF089761.D

Acq: 17 Aug 2016 14:29

Instrument :

BNA_F

ClientSampleId :

LOCATION-46A

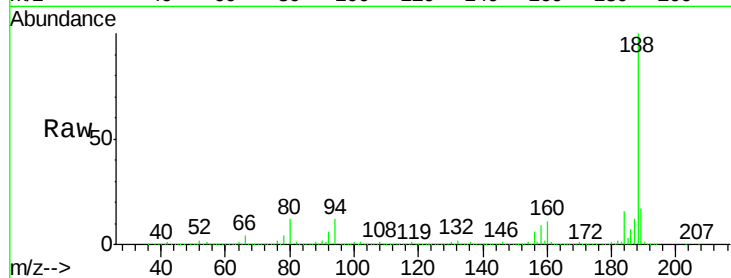
Tgt Ion:188 Resp: 2492357

Ion Ratio Lower Upper

188 100

94 12.0 10.2 15.2

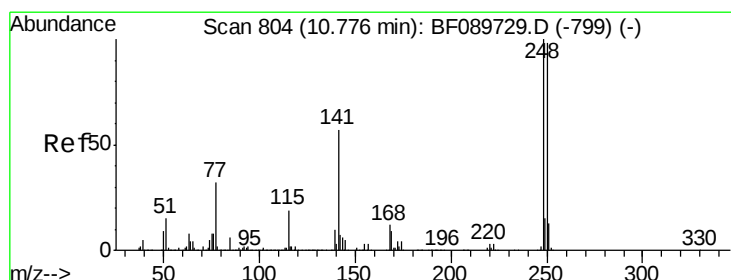
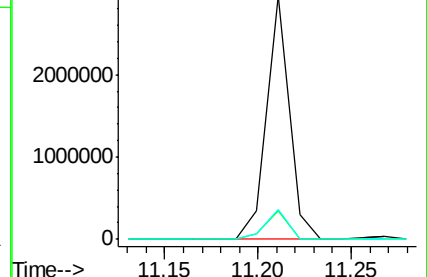
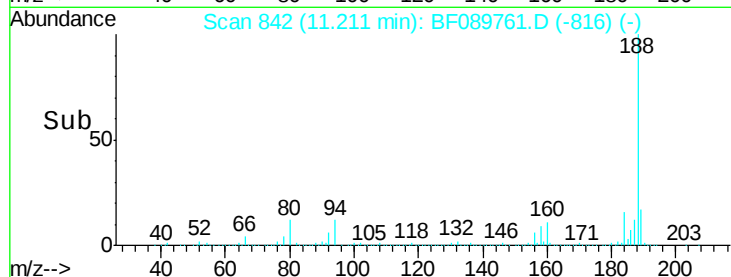
80 12.2 10.9 16.3



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: 4.03 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.25 min

Lab File: BF089761.D

Acq: 17 Aug 2016 14:29

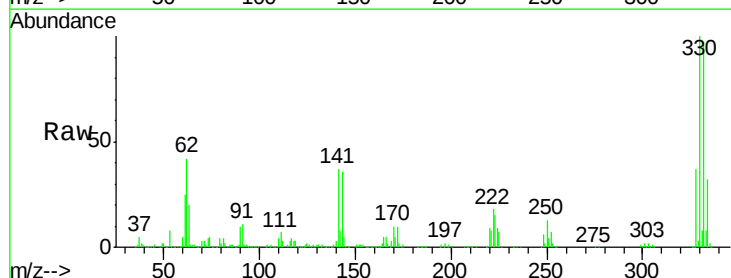
Tgt Ion:248 Resp: 104051

Ion Ratio Lower Upper

248 100

250 199.2 78.6 117.8#

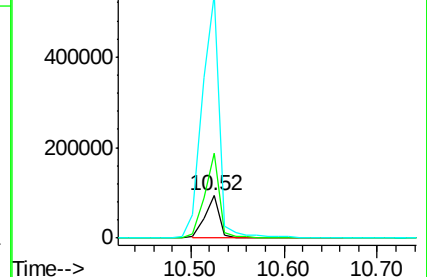
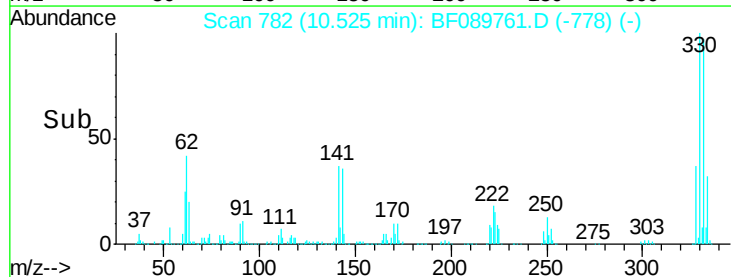
141 573.1 31.4 47.2#

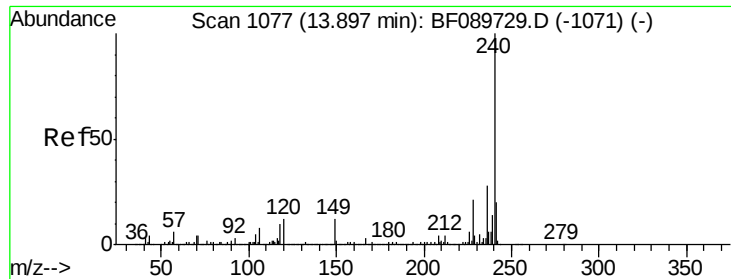


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.87 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF089761.D

Acq: 17 Aug 2016 14:29

Instrument :

BNA_F

ClientSampleId :

LOCATION-46A

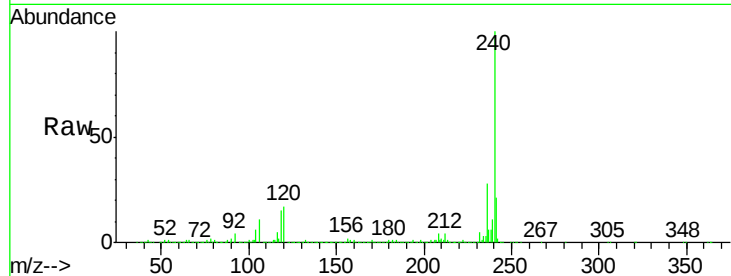
Tgt Ion:240 Resp: 2030720

Ion Ratio Lower Upper

240 100

120 17.0 8.3 12.5#

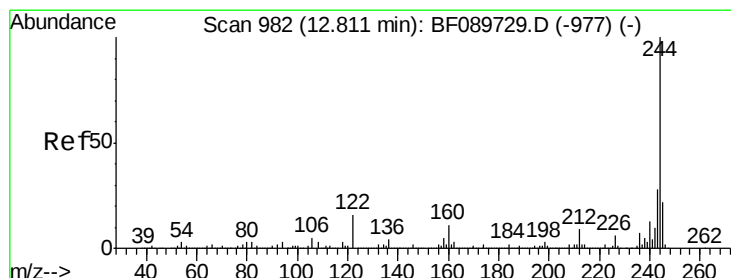
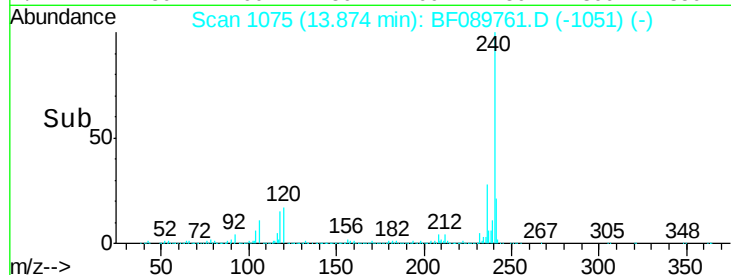
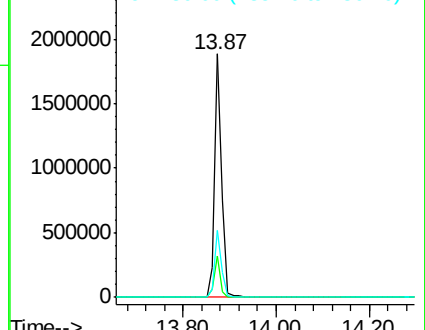
236 27.7 21.3 31.9



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: 81.37 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089761.D

Acq: 17 Aug 2016 14:29

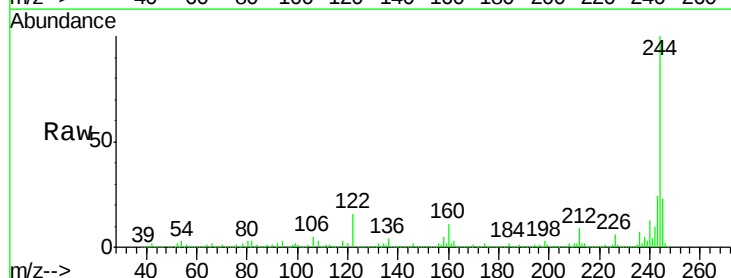
Tgt Ion:244 Resp: 5530984

Ion Ratio Lower Upper

244 100

212 9.4 6.3 9.5

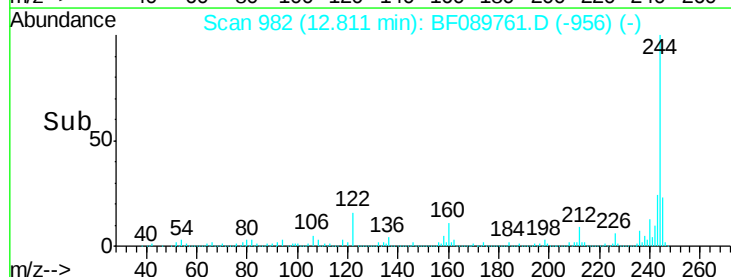
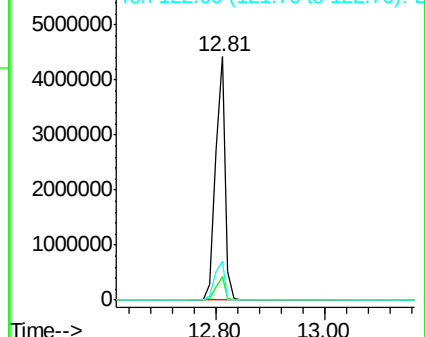
122 15.9 12.0 18.0

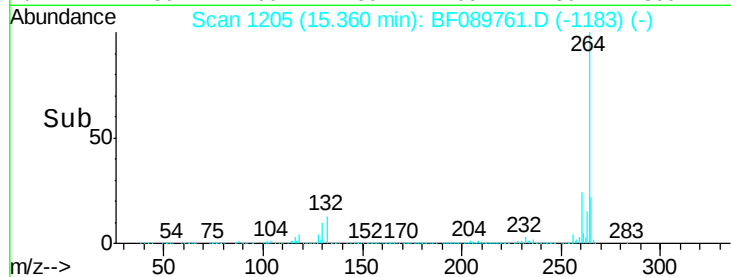
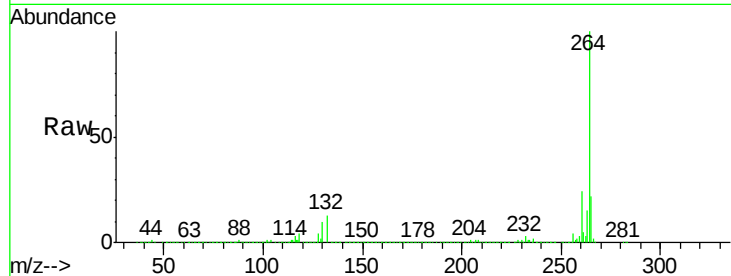
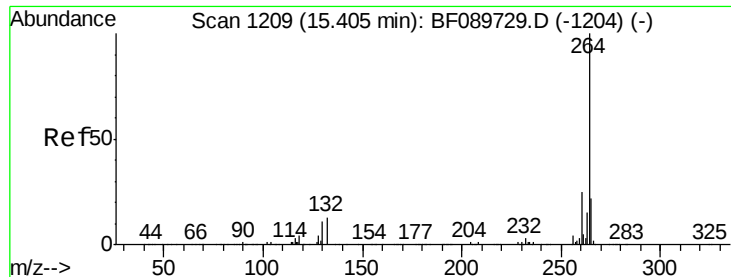


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.36 min Scan# 1205
Delta R.T. -0.05 min
Lab File: BF089761.D
Acq: 17 Aug 2016 14:29

Instrument :
BNA_F
ClientSampleId :
LOCATION-46A

Tgt Ion: 264 Resp: 1828330
Ion Ratio Lower Upper
264 100
260 24.5 20.2 30.2
265 21.7 17.4 26.2

