

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
 Data File : BF089738.D
 Acq On : 17 Aug 2016 2:44
 Operator : UM/SJ
 Sample : PB92850BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92850BL

Quant Time: Aug 17 04:25:55 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

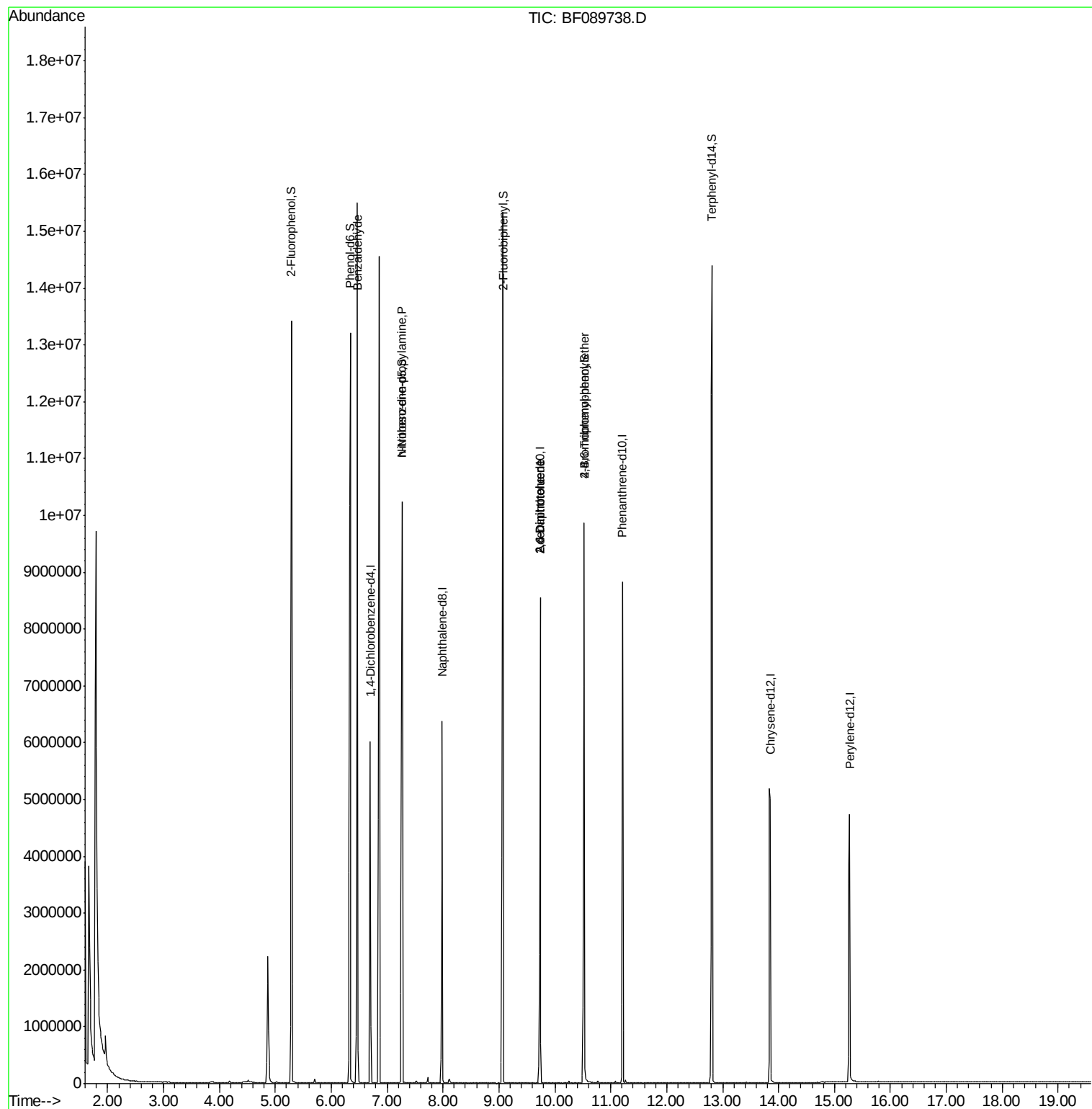
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	848839	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	3537185	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1708863	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2896666	20.00	ng	0.00
75) Chrysene-d12	13.85	240	2652713	20.00	ng	-0.05
86) Perylene-d12	15.27	264	2331016	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	4691604	92.22	ng	0.01
7) Phenol-d6	6.34	99	7017158	108.44	ng	0.01
23) Nitrobenzene-d5	7.27	82	4269476	73.70	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1632342	98.74	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	7093253	66.61	ng	0.00
78) Terphenyl-d14	12.81	244	5941386	66.91	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	121669	2.84	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.27	70	598968	14.13	ng	# 72
50) 2,6-Dinitrotoluene	9.74	165	227586	8.13	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	227586	6.33	ng	# 35
66) 4-Bromophenyl-phenylether	10.52	248	100554	3.35	ng	# 1

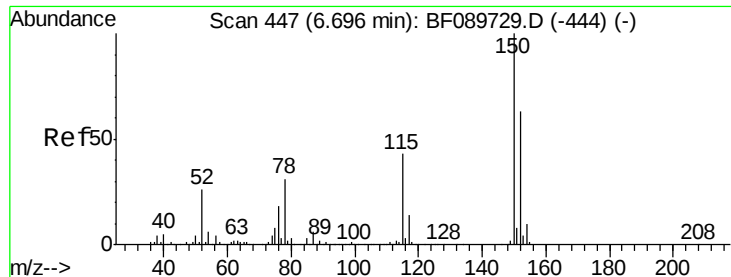
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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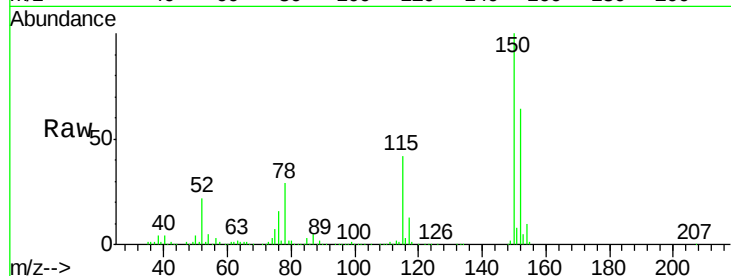


#1

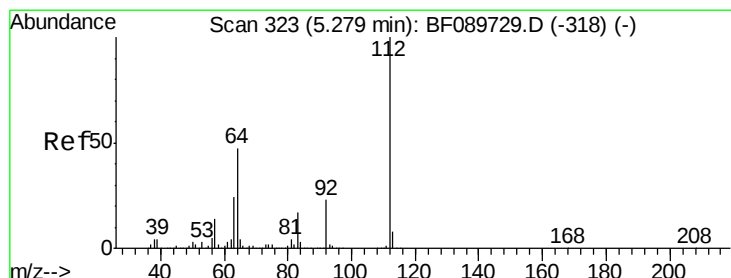
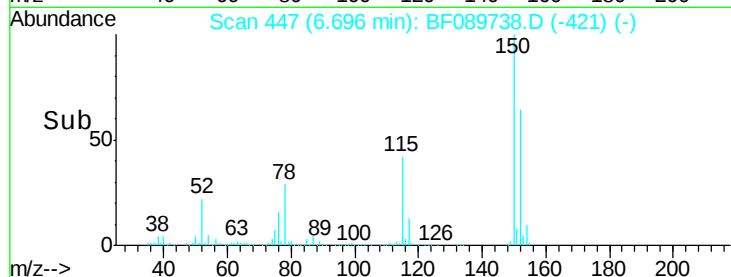
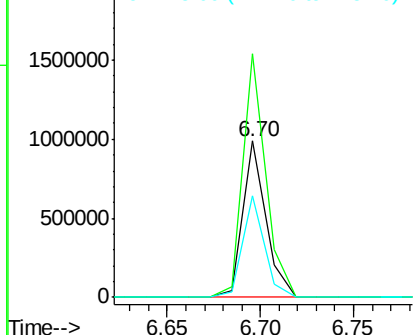
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089738.D
Acq: 17 Aug 2016 2:44

Instrument :
BNA_F
ClientSampleId :
PB92850BL

Tgt Ion:152 Resp: 848839
Ion Ratio Lower Upper
152 100
150 155.7 125.3 187.9
115 64.7 40.9 61.3#



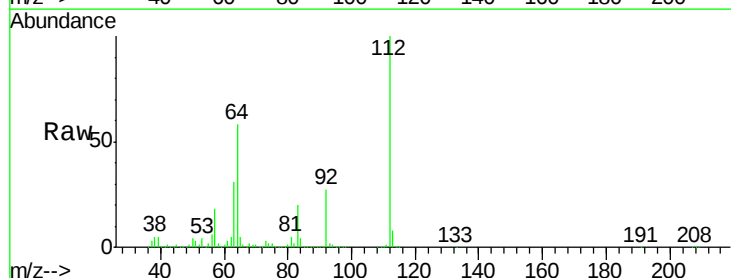
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



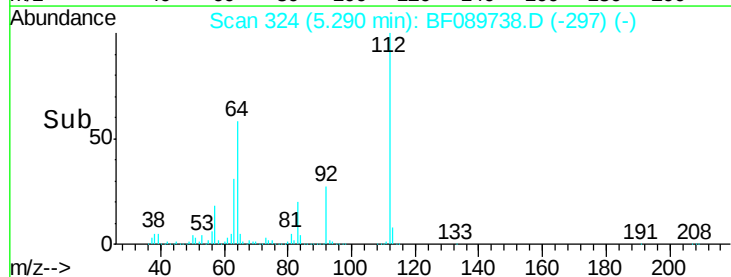
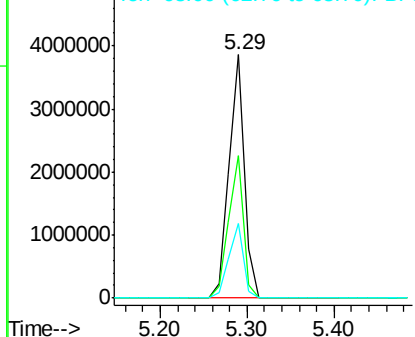
#5

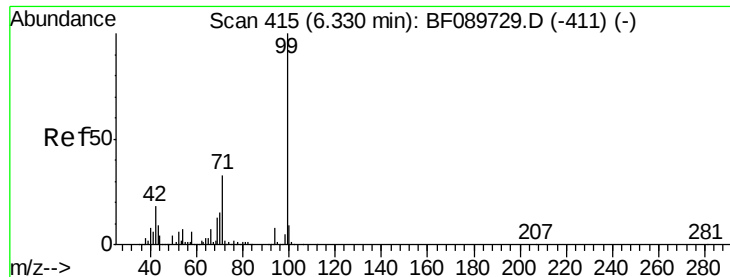
2-Fluorophenol
Concen: 92.22 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.01 min
Lab File: BF089738.D
Acq: 17 Aug 2016 2:44

Tgt Ion:112 Resp: 4691604
Ion Ratio Lower Upper
112 100
64 58.5 45.0 67.4
63 30.6 23.1 34.7



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: 108.44 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF089738.D

Acq: 17 Aug 2016 2:44

Instrument :

BNA_F

ClientSampleId :

PB92850BL

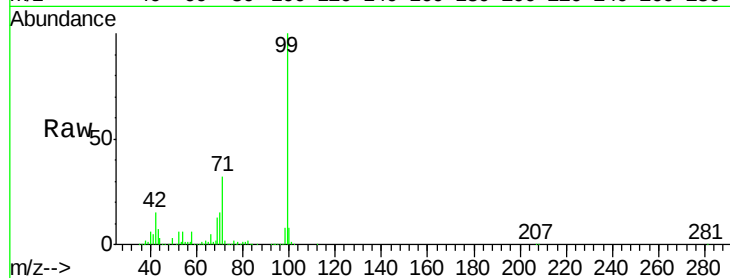
Tgt Ion: 99 Resp: 7017158

Ion Ratio Lower Upper

99 100

42 14.7 12.2 18.4

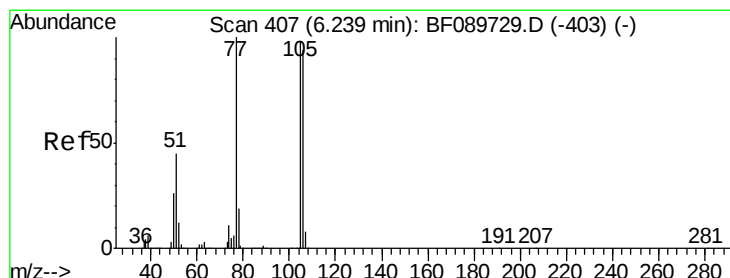
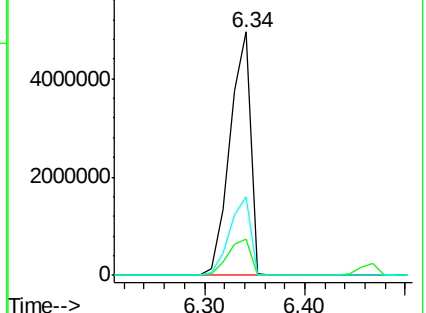
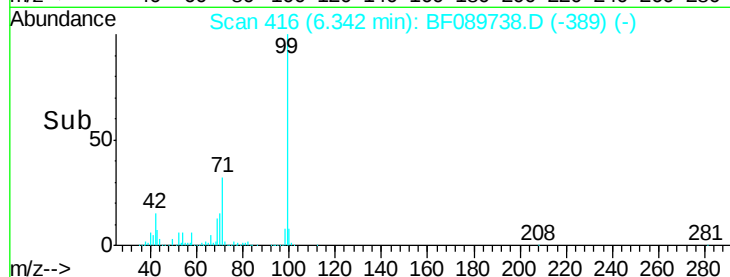
71 32.4 23.8 35.8



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: 2.84 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.23 min

Lab File: BF089738.D

Acq: 17 Aug 2016 2:44

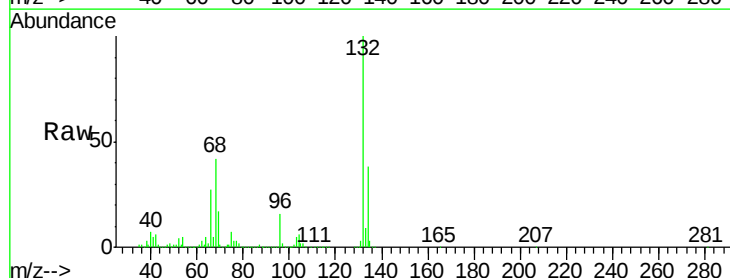
Tgt Ion: 77 Resp: 121669

Ion Ratio Lower Upper

77 100

105 82.4 73.3 113.3

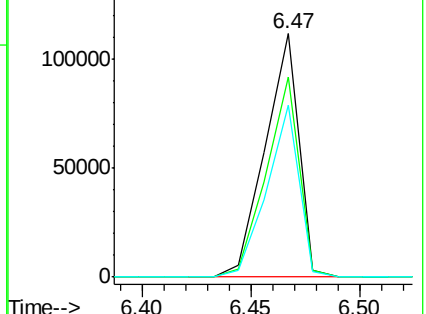
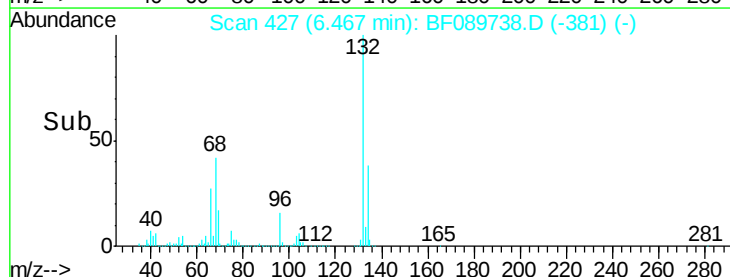
106 70.5 68.6 108.6

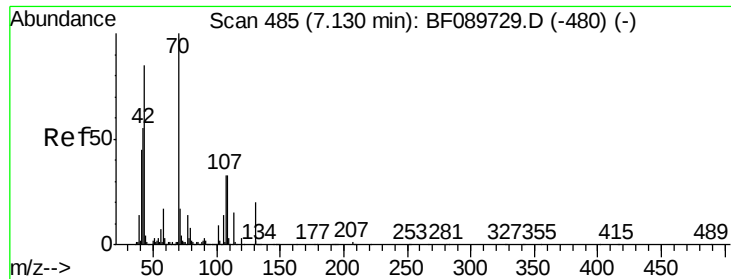


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

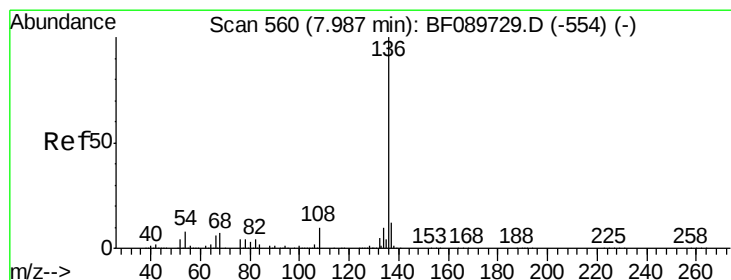
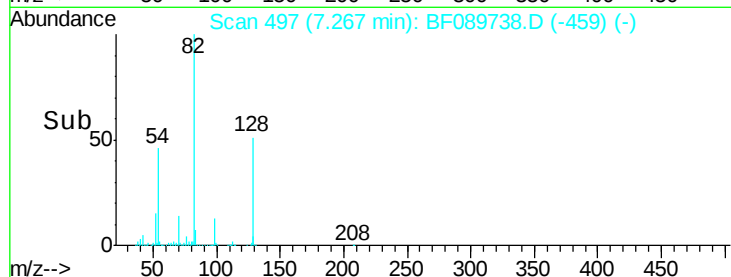
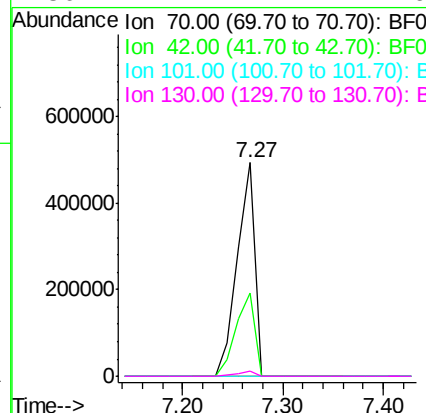
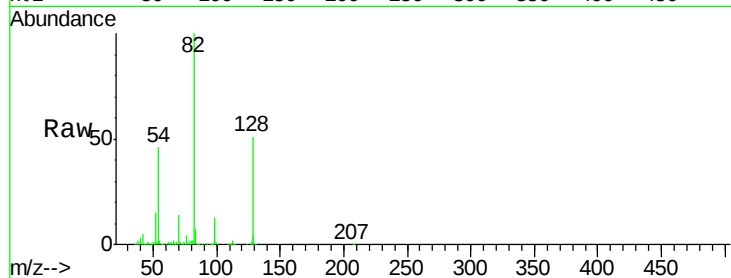




#19
n-Nitroso-di-n-propylamine
Concen: 14.13 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.14 min
Lab File: BF089738.D
Acq: 17 Aug 2016 2:44

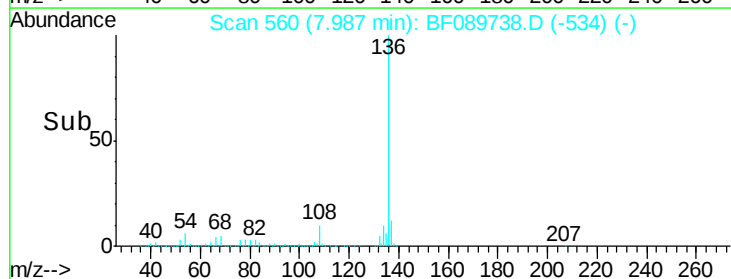
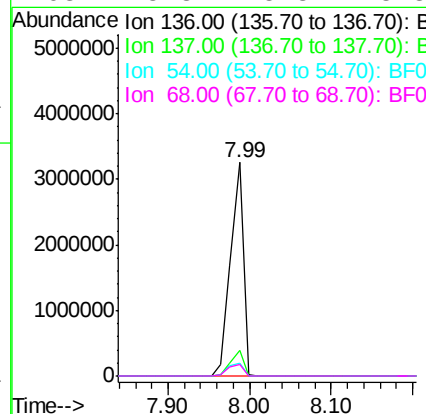
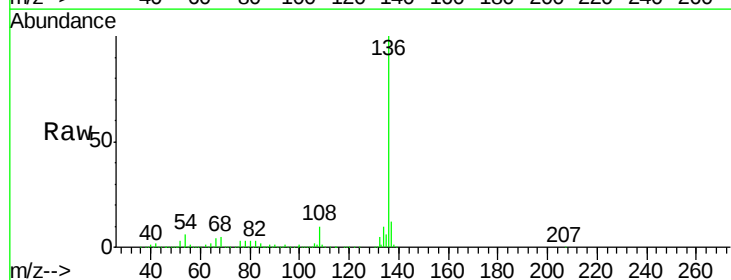
Instrument :
BNA_F
ClientSampleId :
PB92850BL

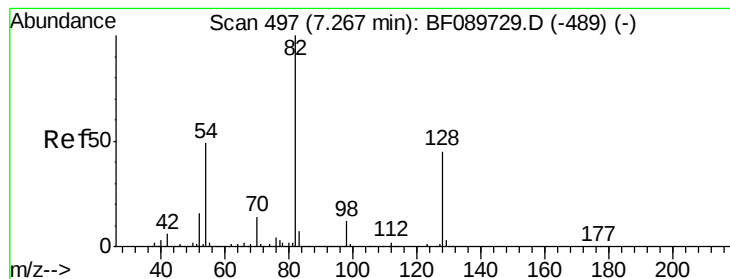
Tgt Ion: 70 Resp: 598968
Ion Ratio Lower Upper
70 100
42 38.8 46.3 69.5#
101 0.0 7.0 10.6#
130 2.4 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF089738.D
Acq: 17 Aug 2016 2:44

Tgt Ion: 136 Resp: 3537185
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 5.9 7.2 10.8#
68 5.3 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 73.70 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF089738.D

Acq: 17 Aug 2016 2:44

Instrument :

BNA_F

ClientSampleId :

PB92850BL

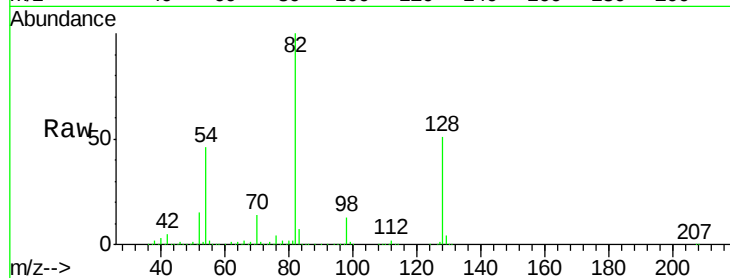
Tgt Ion: 82 Resp: 4269476

Ion Ratio Lower Upper

82 100

128 50.9 34.4 51.6

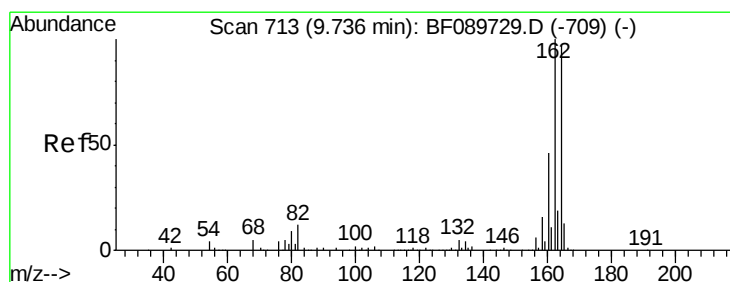
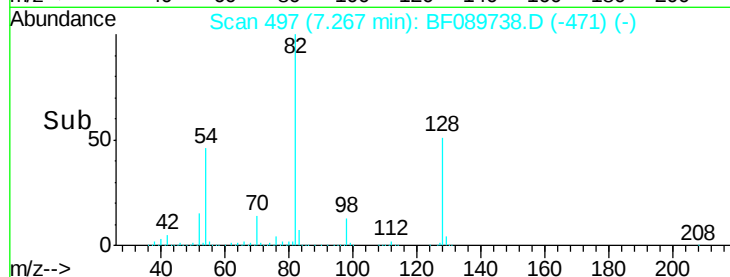
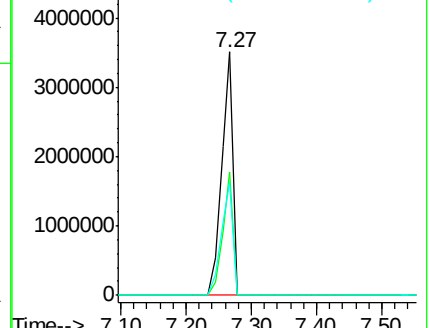
54 46.2 40.3 60.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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: BF089738.D

Acq: 17 Aug 2016 2:44

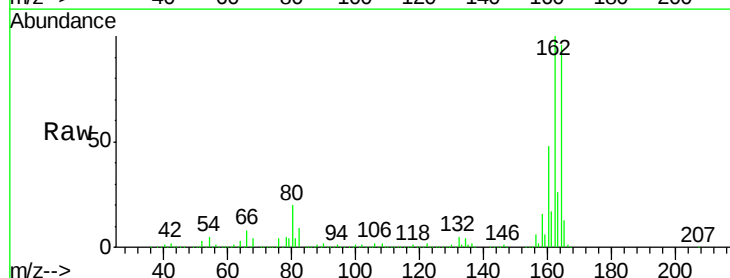
Tgt Ion: 164 Resp: 1708863

Ion Ratio Lower Upper

164 100

162 103.7 81.4 122.2

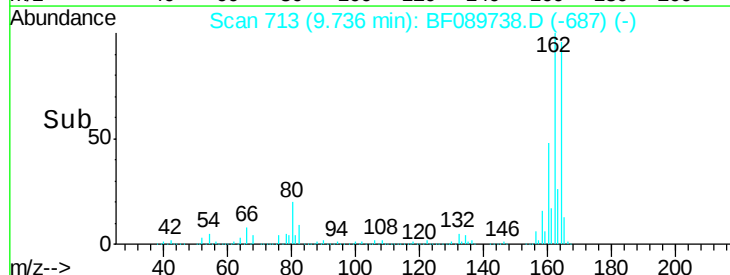
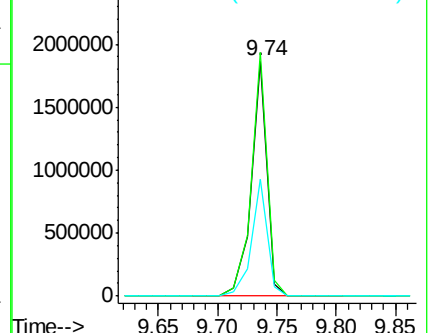
160 50.0 37.8 56.6

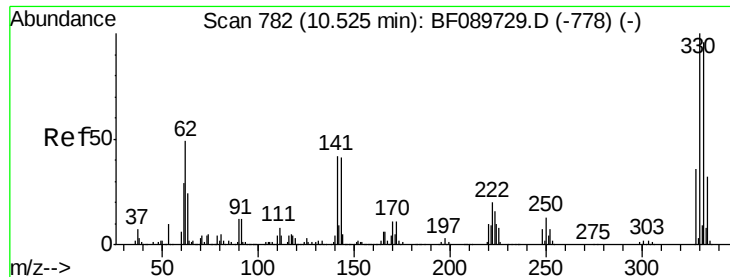


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

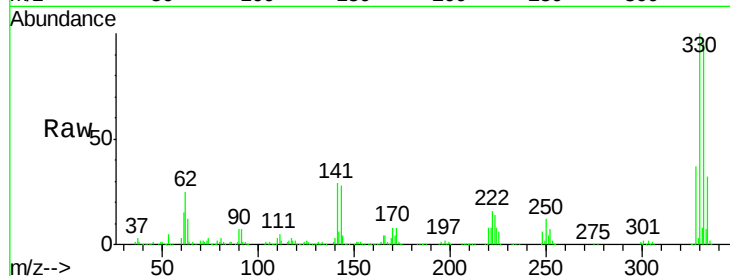




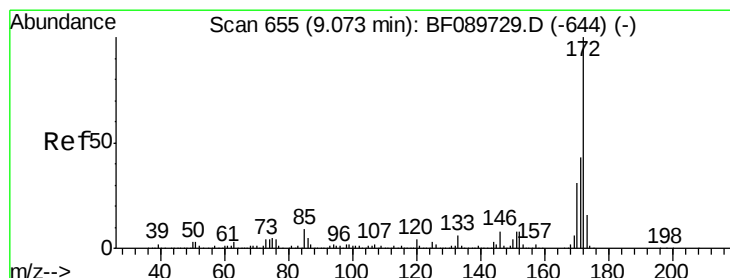
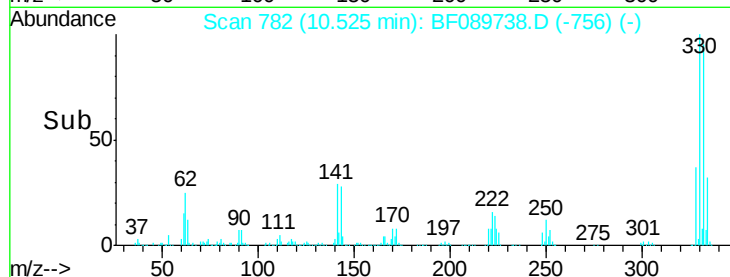
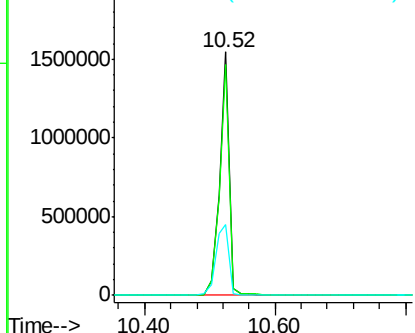
#41
 2,4,6-Tribromophenol
 Concen: 98.74 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089738.D
 Acq: 17 Aug 2016 2:44

Instrument :
 BNA_F
 ClientSampleId :
 PB92850BL

Tgt Ion:330 Resp: 1632342
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.7 115.1
 141 39.8 30.2 45.2

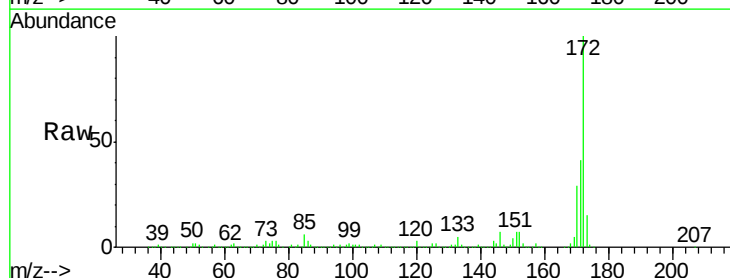


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

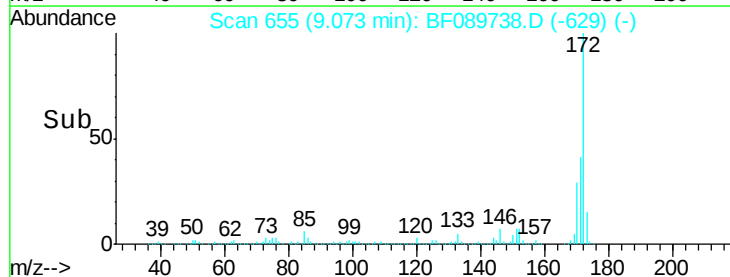
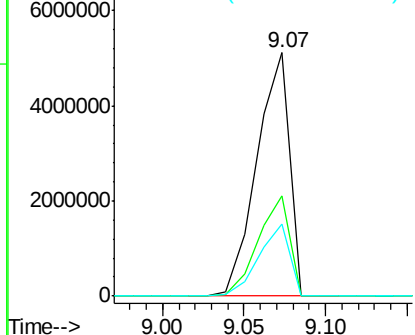


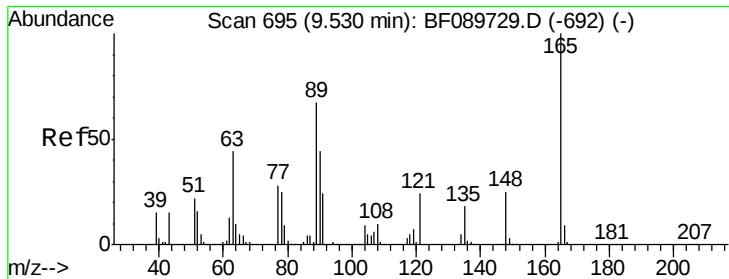
#44
 2-Fluorobiphenyl
 Concen: 66.61 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089738.D
 Acq: 17 Aug 2016 2:44

Tgt Ion:172 Resp: 7093253
 Ion Ratio Lower Upper
 172 100
 171 41.4 30.5 45.7
 170 29.4 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

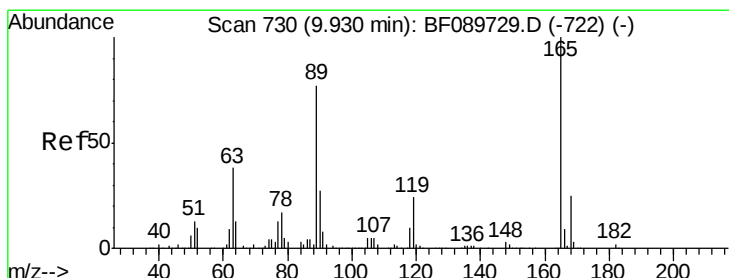
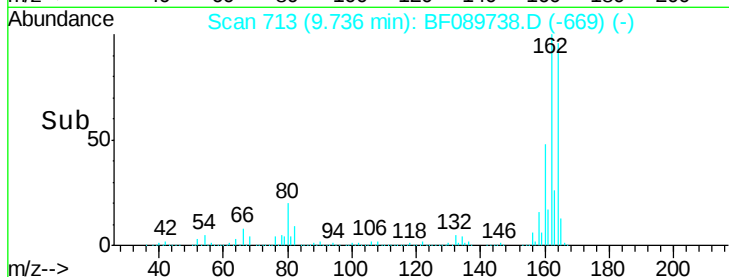
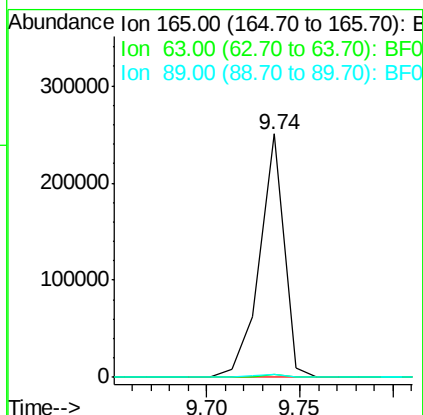
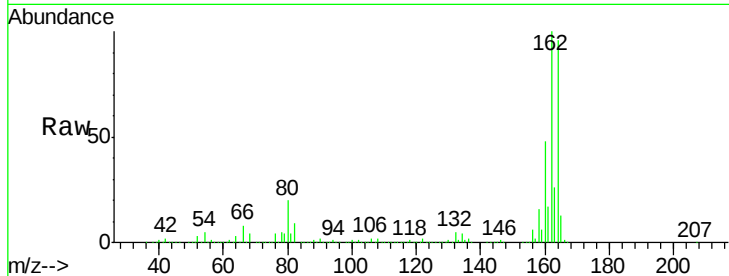




#50
 2,6-Dinitrotoluene
 Concen: 8.13 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.21 min
 Lab File: BF089738.D
 Acq: 17 Aug 2016 2:44

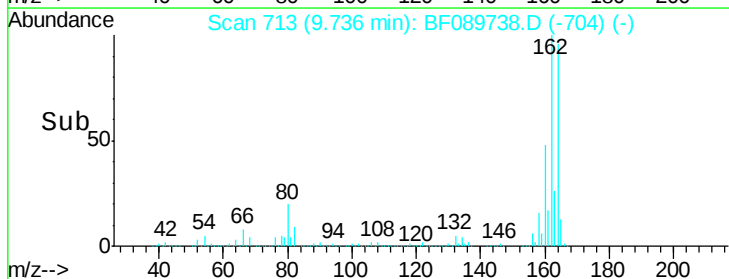
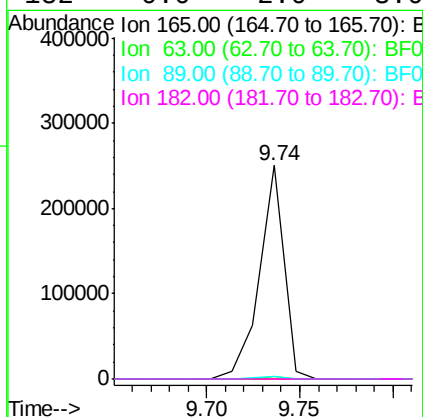
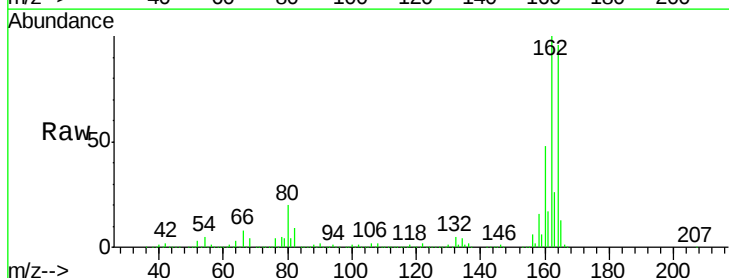
Instrument :
 BNA_F
 ClientSampleId :
 PB92850BL

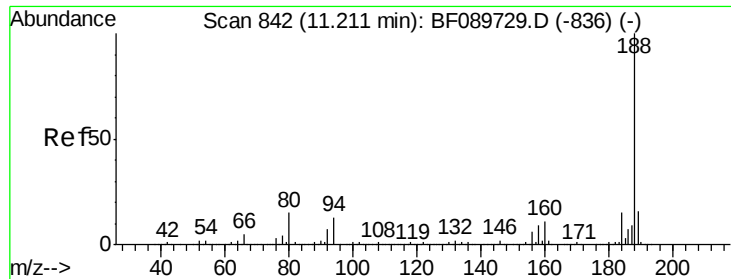
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	41.7	62.5#
89	1.4	44.6	67.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.33 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.19 min
 Lab File: BF089738.D
 Acq: 17 Aug 2016 2:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	23.7	35.5#
89	1.4	44.0	66.0#
182	0.0	2.0	3.0#

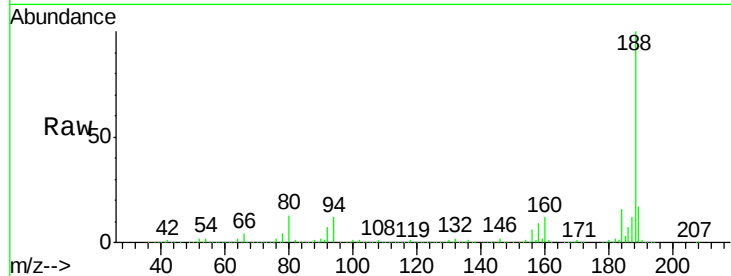




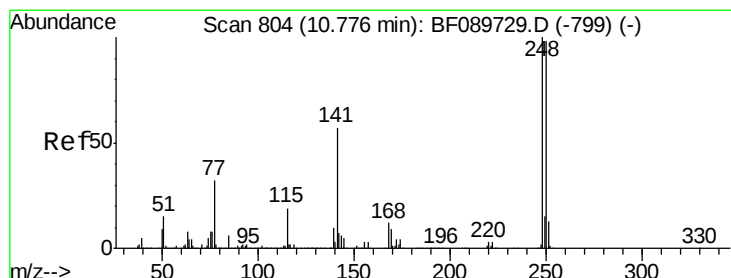
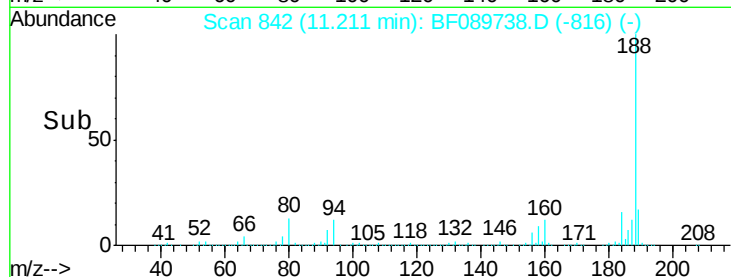
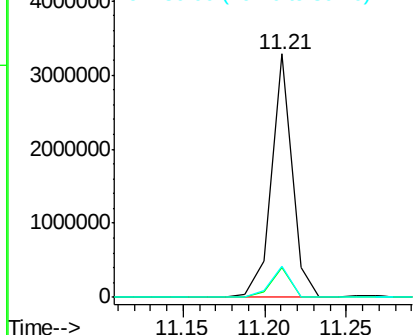
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF089738.D
Acq: 17 Aug 2016 2:44

Instrument :
BNA_F
ClientSampleId :
PB92850BL

Tgt Ion:188 Resp: 2896666
Ion Ratio Lower Upper
188 100
94 12.4 10.2 15.2
80 13.0 10.9 16.3

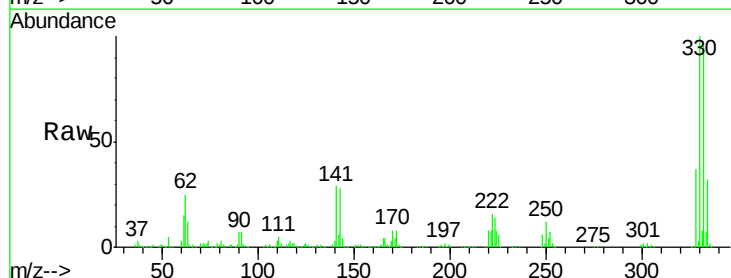


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

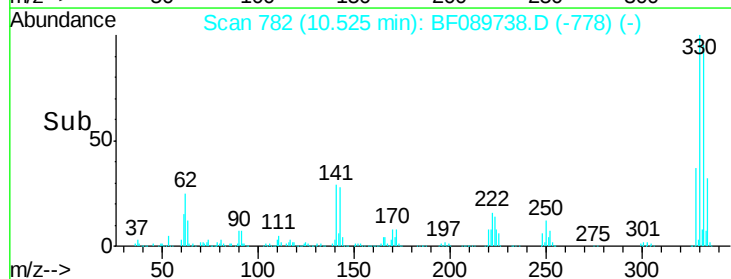
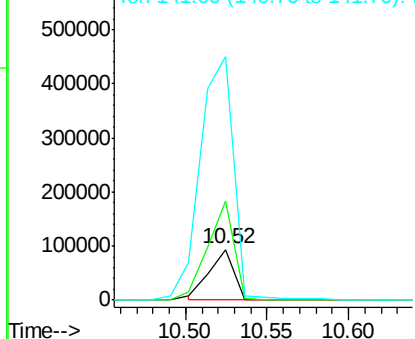


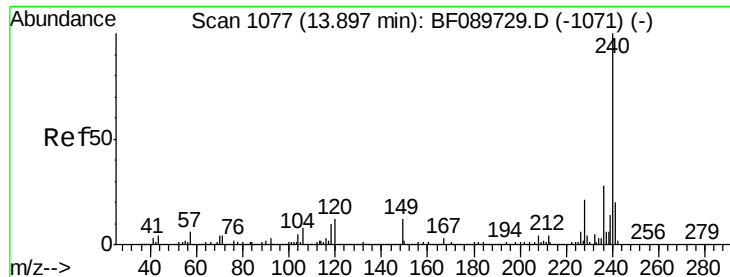
#66
4-Bromophenyl-phenylether
Concen: 3.35 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.25 min
Lab File: BF089738.D
Acq: 17 Aug 2016 2:44

Tgt Ion:248 Resp: 100554
Ion Ratio Lower Upper
248 100
250 194.4 78.6 117.8#
141 478.9 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: 13.85 min Scan# 1073

Delta R.T. -0.05 min

Lab File: BF089738.D

Acq: 17 Aug 2016 2:44

Instrument :

BNA_F

ClientSampleId :

PB92850BL

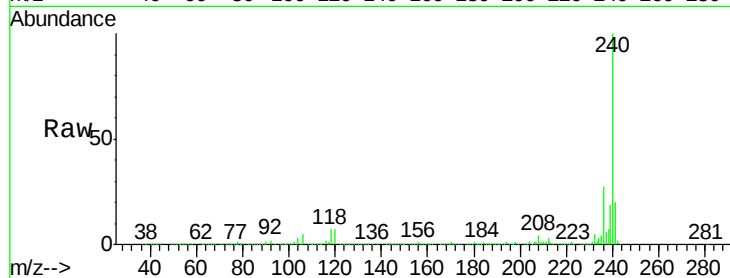
Tgt Ion:240 Resp: 2652713

Ion Ratio Lower Upper

240 100

120 7.5 8.3 12.5#

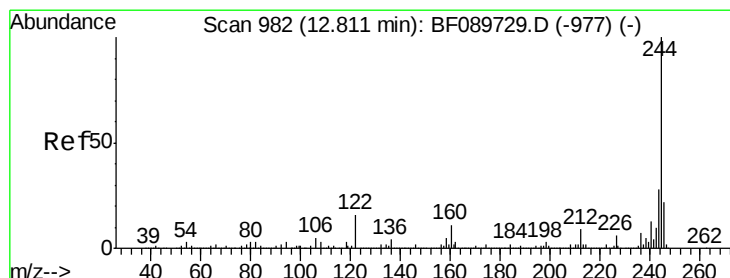
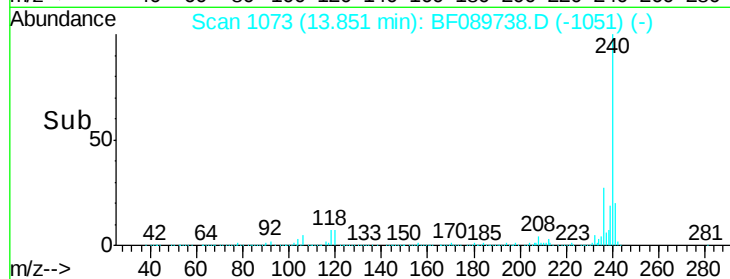
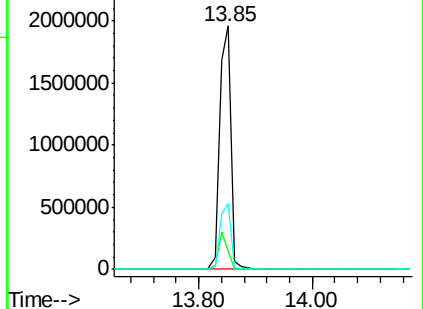
236 27.1 21.3 31.9



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: 66.91 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089738.D

Acq: 17 Aug 2016 2:44

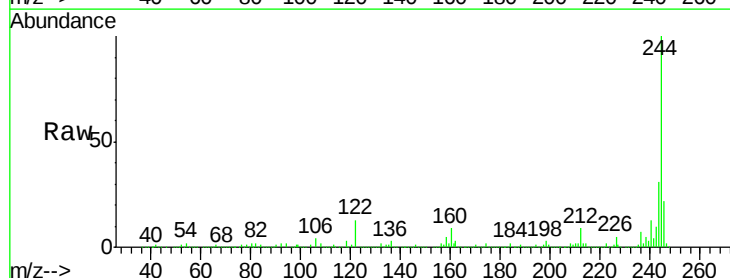
Tgt Ion:244 Resp: 5941386

Ion Ratio Lower Upper

244 100

212 9.0 6.3 9.5

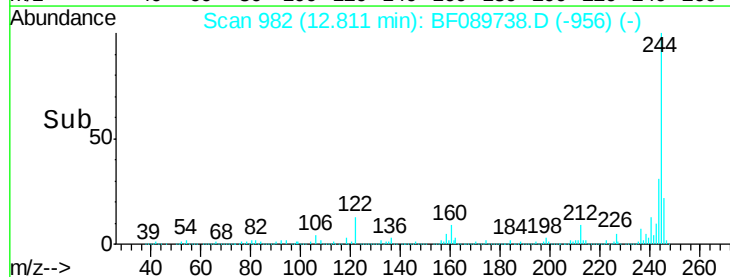
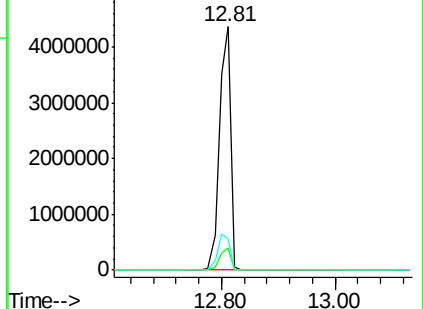
122 12.8 12.0 18.0

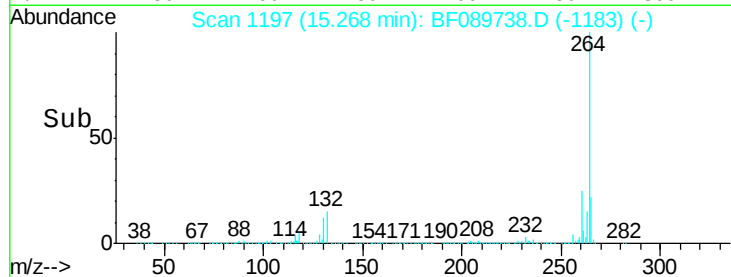
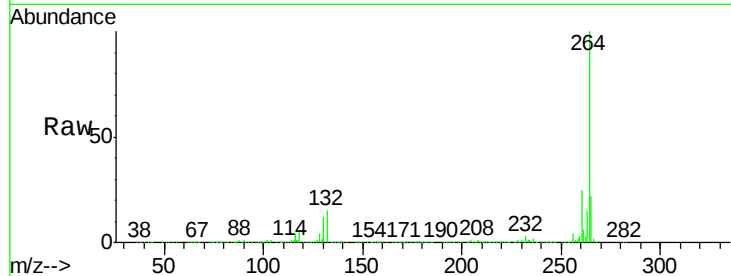
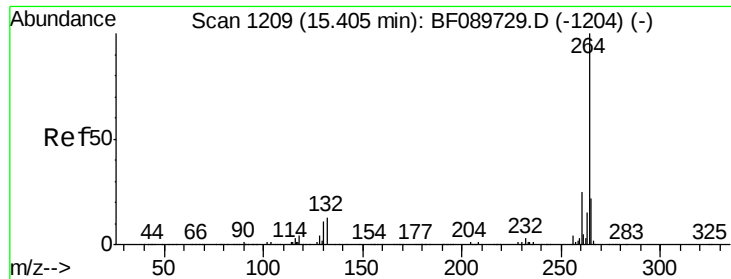


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.27 min Scan# 1197

Delta R.T. -0.14 min

Lab File: BF089738.D

Acq: 17 Aug 2016 2:44

Instrument :

BNA_F

ClientSampleId :

PB92850BL

Tgt Ion:264 Resp: 2331016

Ion Ratio Lower Upper

264 100

260 24.8 20.2 30.2

265 21.9 17.4 26.2

