

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
 Data File : BF089736.D
 Acq On : 17 Aug 2016 1:51
 Operator : UM/SJ
 Sample : PB92806BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92806BL

Quant Time: Aug 17 04:25:03 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

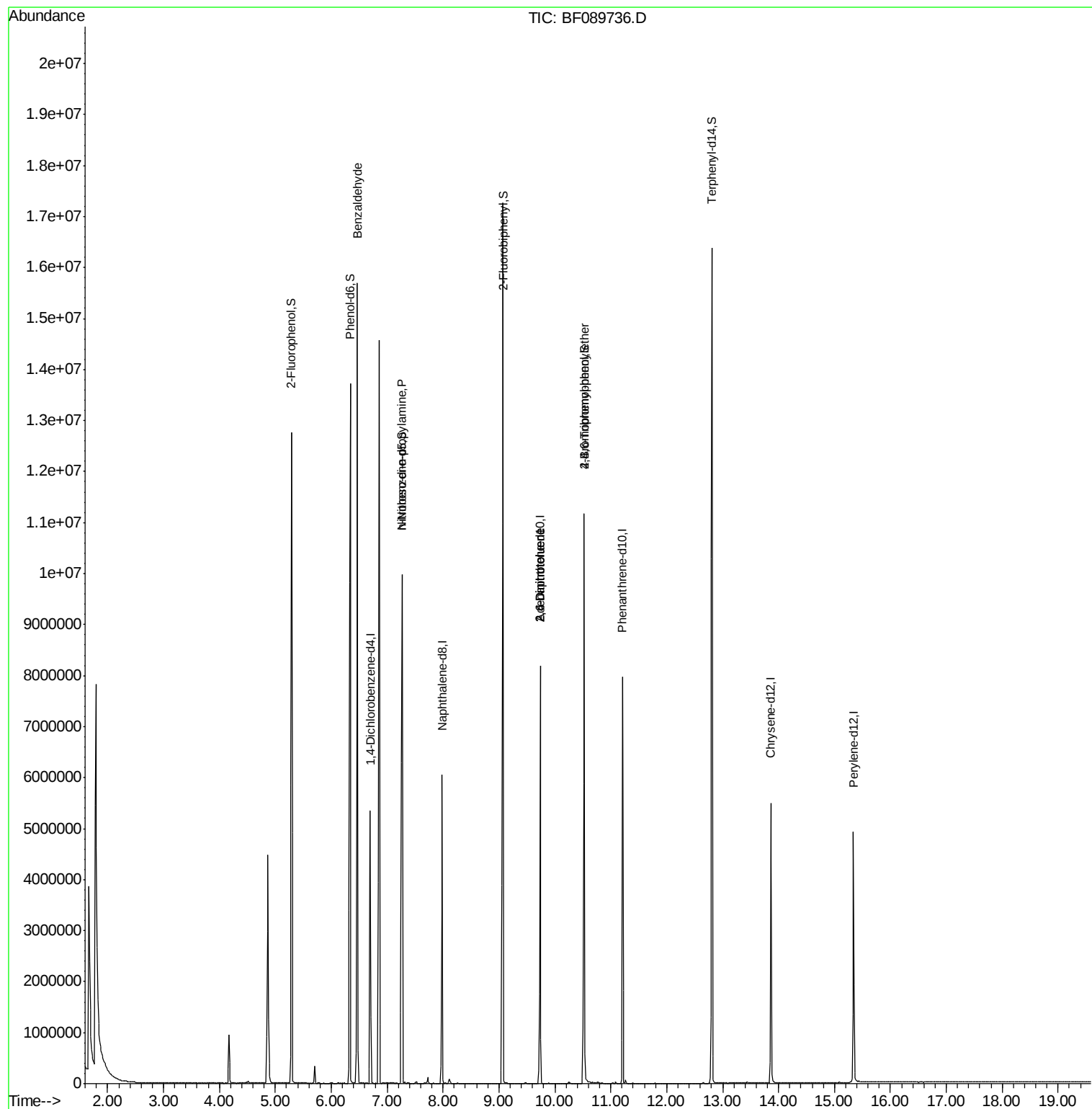
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	799250	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	3338650	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1589316	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2792507	20.00	ng	0.00
75) Chrysene-d12	13.86	240	2558125	20.00	ng	-0.03
86) Perylene-d12	15.34	264	2123046	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	5069360	105.83	ng	0.01
7) Phenol-d6	6.34	99	6851867	112.46	ng	0.01
23) Nitrobenzene-d5	7.27	82	4206556	76.94	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1552321	100.96	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	6978309	70.45	ng	0.00
78) Terphenyl-d14	12.81	244	5685128	66.39	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	119959	2.97	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.27	70	593157	14.86	ng	# 72
50) 2,6-Dinitrotoluene	9.74	165	212818	8.18	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	212818	6.36	ng	# 35
66) 4-Bromophenyl-phenylether	10.52	248	98111	3.39	ng	# 1

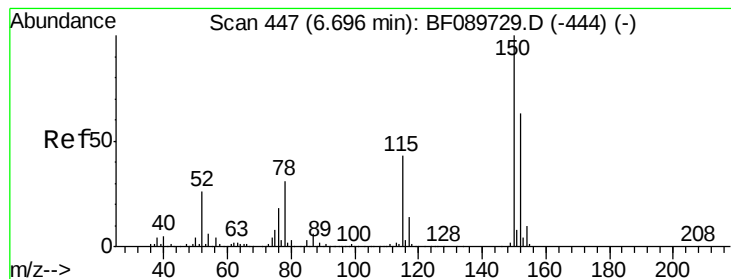
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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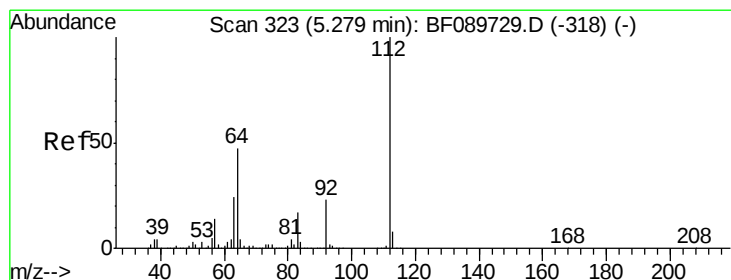
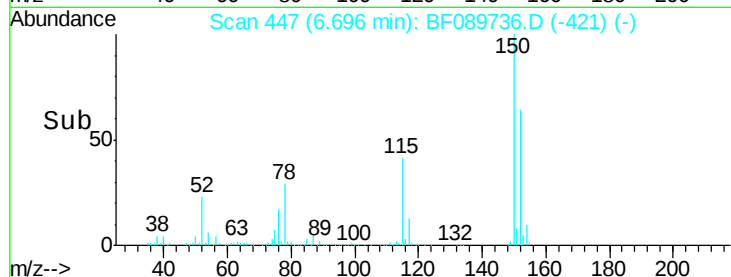
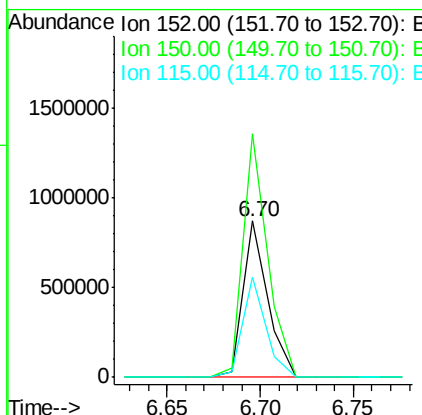
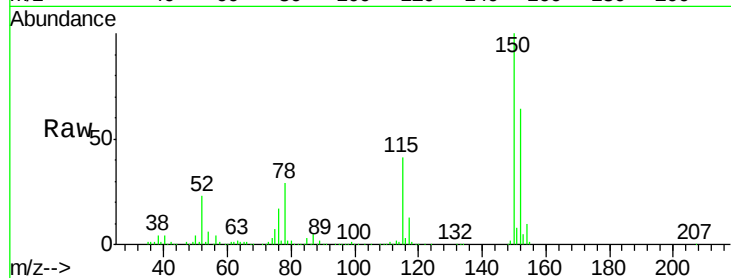




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF089736.D
 Acq: 17 Aug 2016 1:51

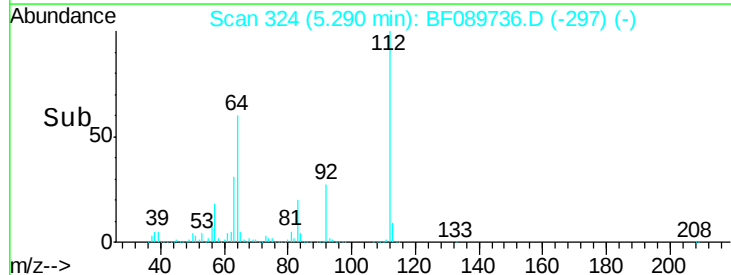
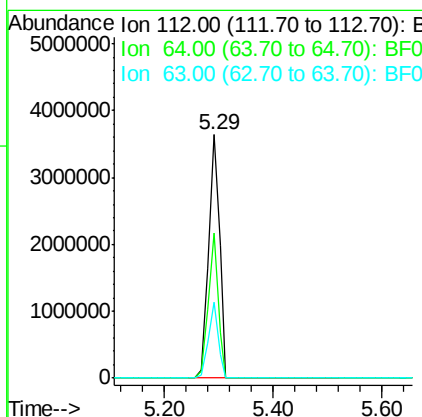
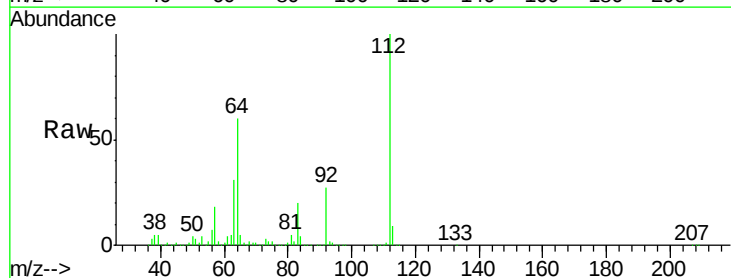
Instrument :
 BNA_F
 ClientSampleId :
 PB92806BL

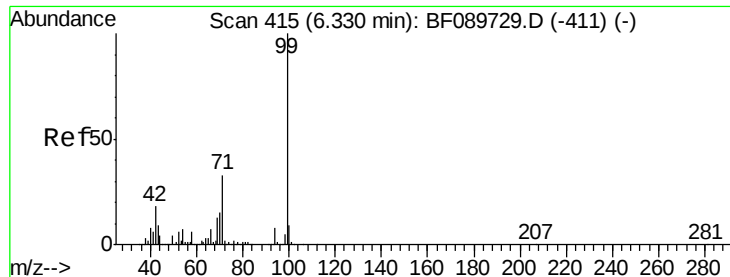
Tgt Ion:152 Resp: 799250
 Ion Ratio Lower Upper
 152 100
 150 155.8 125.3 187.9
 115 64.2 40.9 61.3#



#5
 2-Fluorophenol
 Concen: 105.83 ng
 RT: 5.29 min Scan# 324
 Delta R.T. 0.01 min
 Lab File: BF089736.D
 Acq: 17 Aug 2016 1:51

Tgt Ion:112 Resp: 5069360
 Ion Ratio Lower Upper
 112 100
 64 59.5 45.0 67.4
 63 31.0 23.1 34.7





#7

Phenol-d6

Concen: 112.46 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF089736.D

Acq: 17 Aug 2016 1:51

Instrument :

BNA_F

ClientSampleId :

PB92806BL

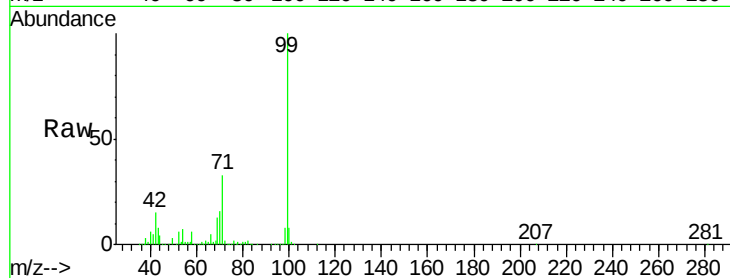
Tgt Ion: 99 Resp: 6851867

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.4

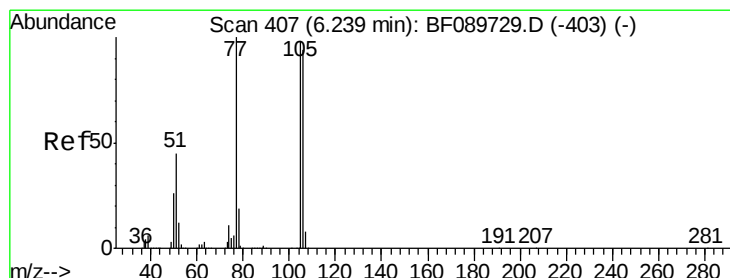
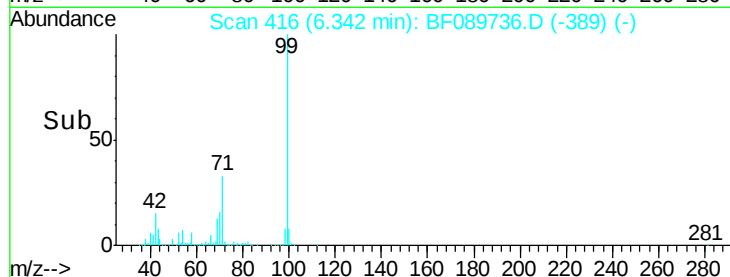
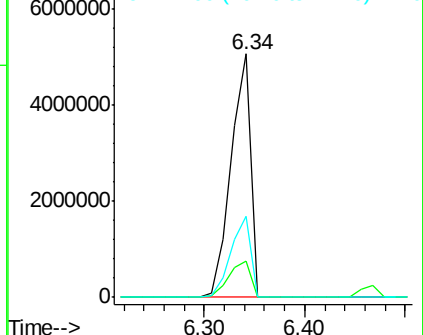
71 33.4 23.8 35.8



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: 2.97 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.23 min

Lab File: BF089736.D

Acq: 17 Aug 2016 1:51

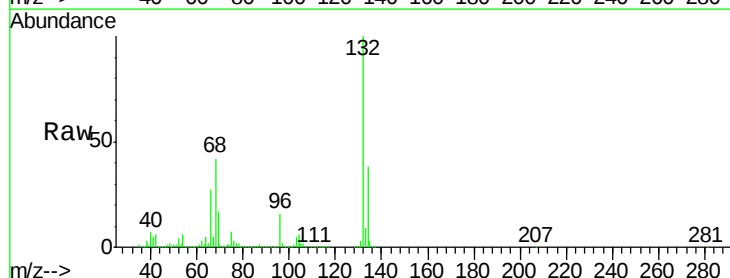
Tgt Ion: 77 Resp: 119959

Ion Ratio Lower Upper

77 100

105 85.8 73.3 113.3

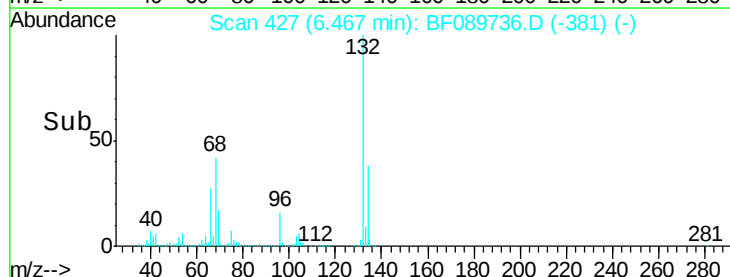
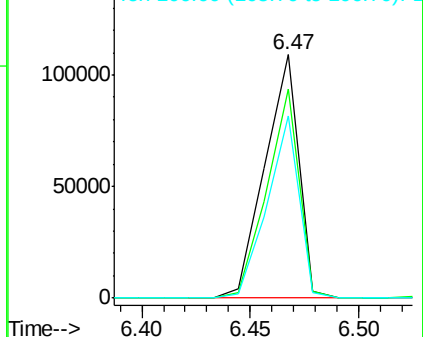
106 75.0 68.6 108.6

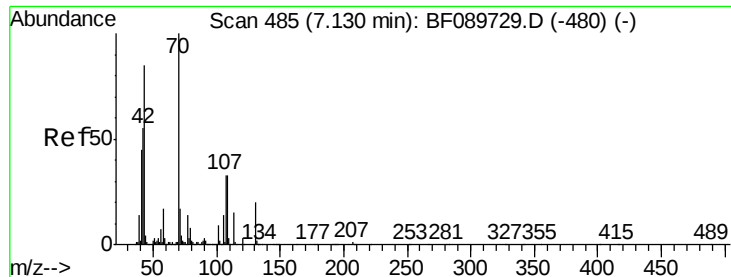


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

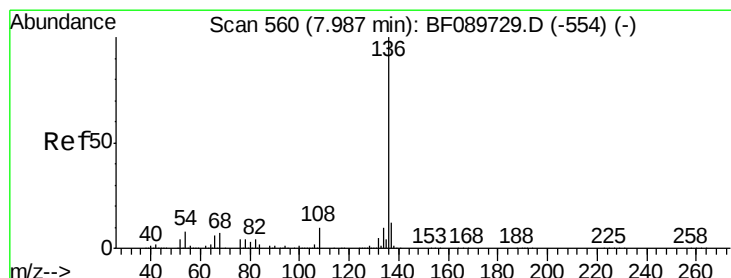
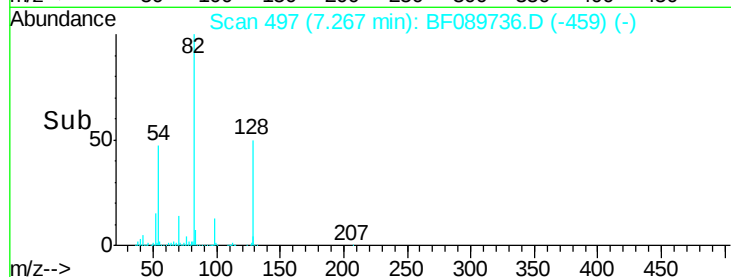
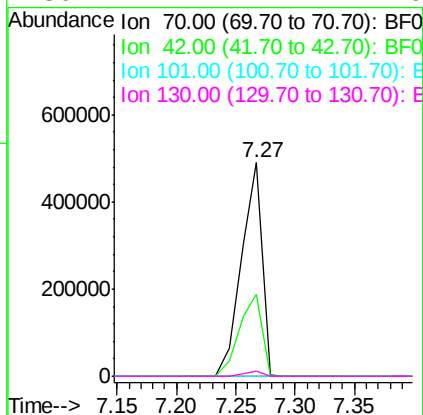
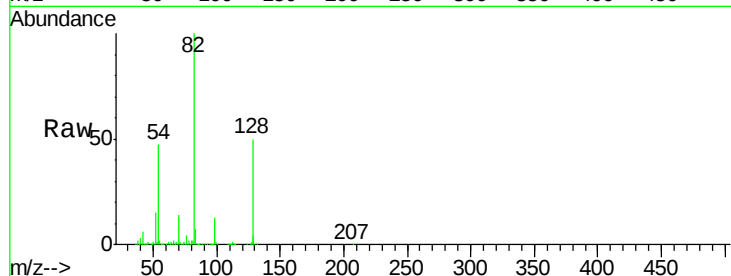




#19
n-Nitroso-di-n-propylamine
Concen: 14.86 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.14 min
Lab File: BF089736.D
Acq: 17 Aug 2016 1:51

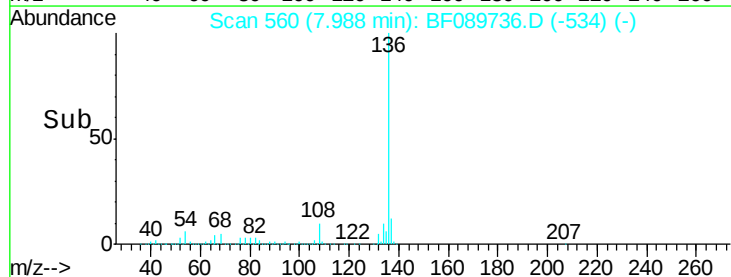
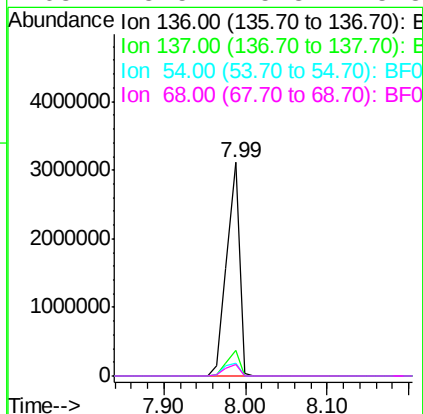
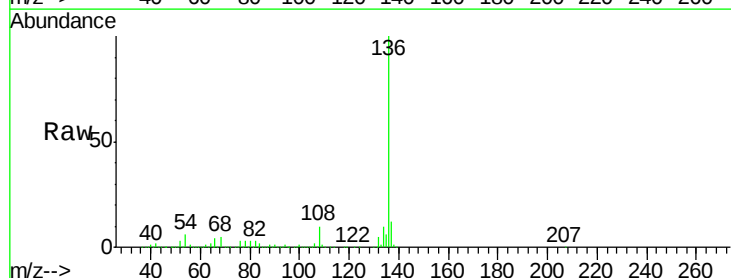
Instrument :
BNA_F
ClientSampleId :
PB92806BL

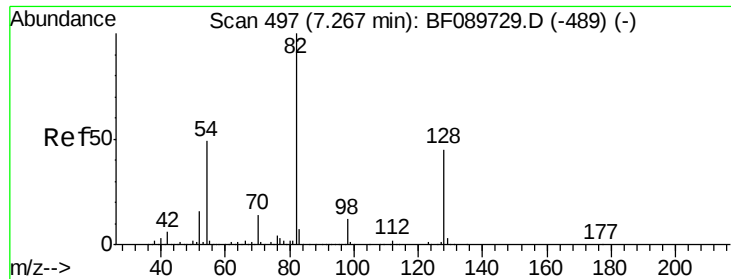
Tgt Ion:	70	Resp:	593157
Ion	Ratio	Lower	Upper
70	100		
42	38.7	46.3	69.5#
101	0.0	7.0	10.6#
130	2.2	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF089736.D
Acq: 17 Aug 2016 1:51

Tgt Ion:	136	Resp:	3338650
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	5.9	7.2	10.8#
68	5.5	5.8	8.8#

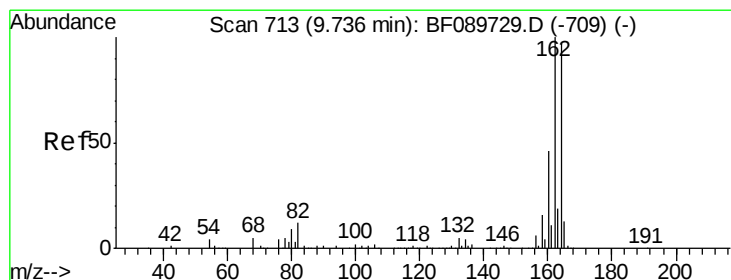
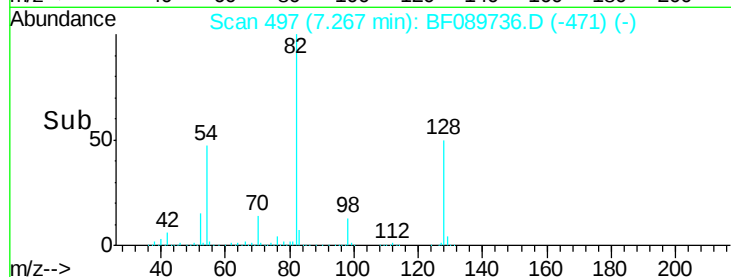
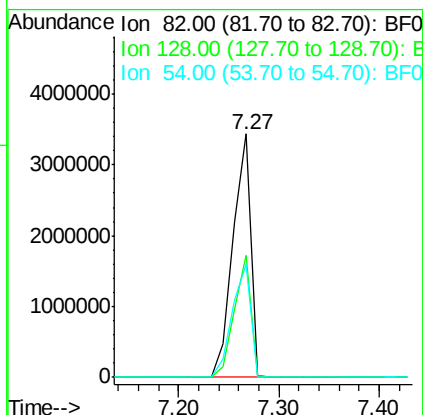
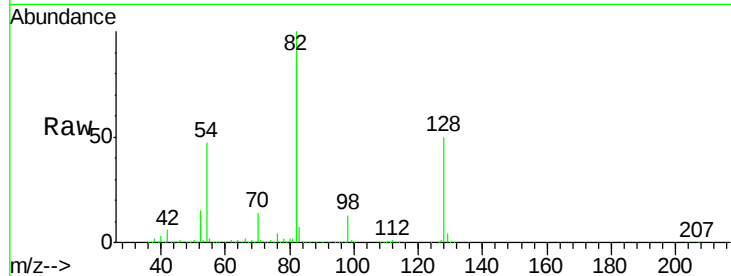




#23
 Nitrobenzene-d5
 Concen: 76.94 ng
 RT: 7.27 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF089736.D
 Acq: 17 Aug 2016 1:51

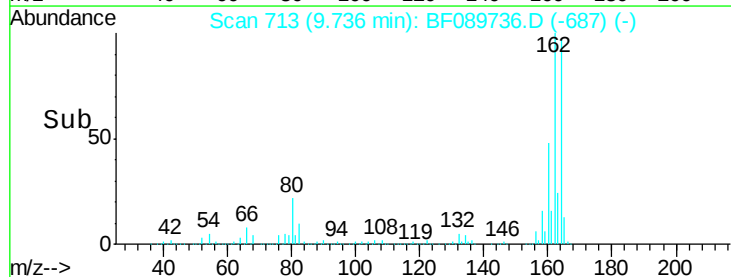
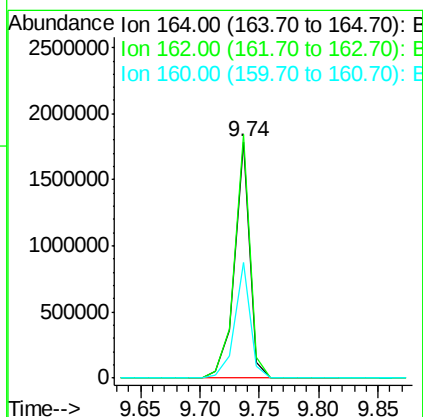
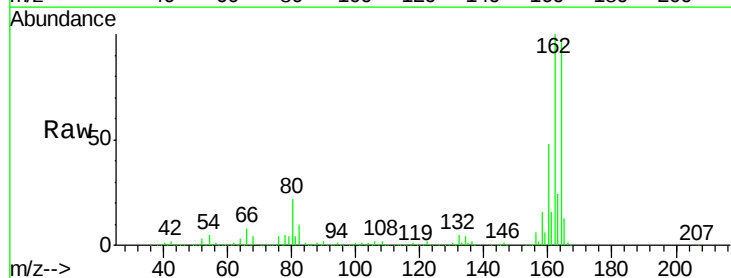
Instrument :
 BNA_F
 ClientSampleId :
 PB92806BL

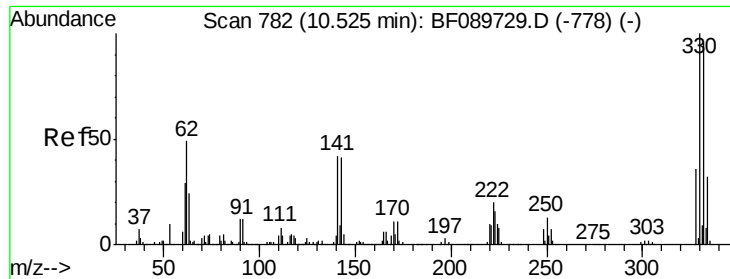
Tgt Ion: 82 Resp: 4206556
 Ion Ratio Lower Upper
 82 100
 128 49.9 34.4 51.6
 54 46.7 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF089736.D
 Acq: 17 Aug 2016 1:51

Tgt Ion: 164 Resp: 1589316
 Ion Ratio Lower Upper
 164 100
 162 103.1 81.4 122.2
 160 49.1 37.8 56.6

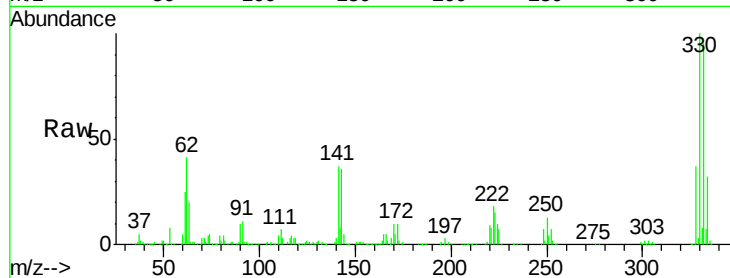




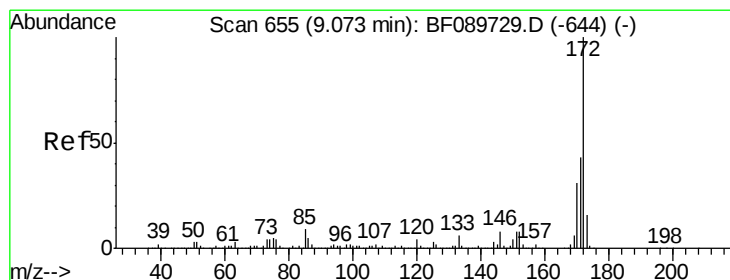
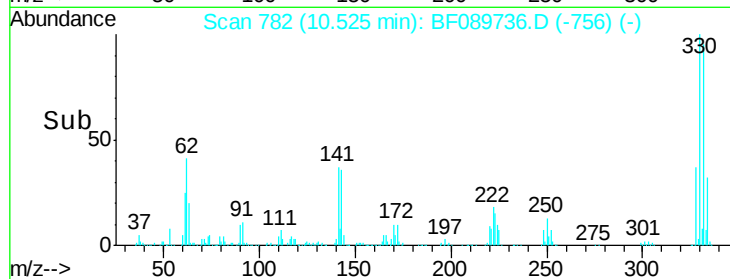
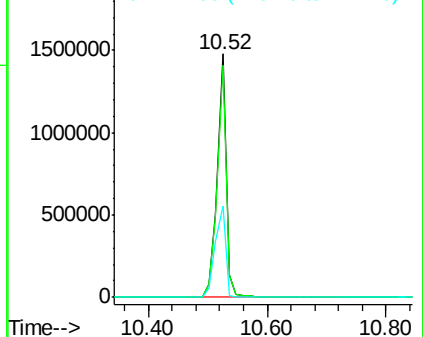
#41
 2,4,6-Tribromophenol
 Concen: 100.96 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089736.D
 Acq: 17 Aug 2016 1:51

Instrument :
 BNA_F
 ClientSampleId :
 PB92806BL

Tgt Ion:330 Resp: 1552321
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.7 115.1
 141 43.7 30.2 45.2

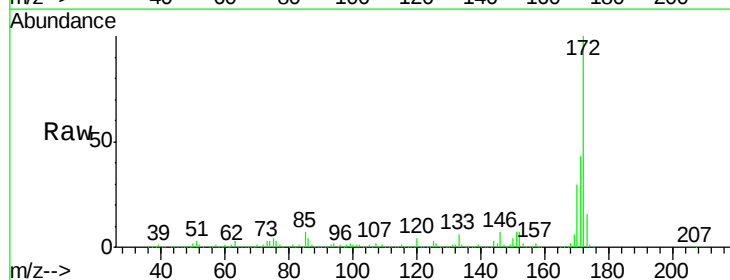


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

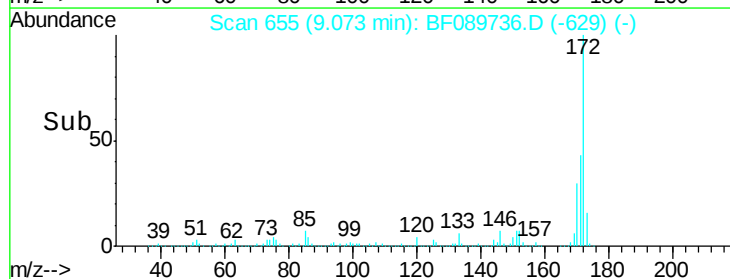
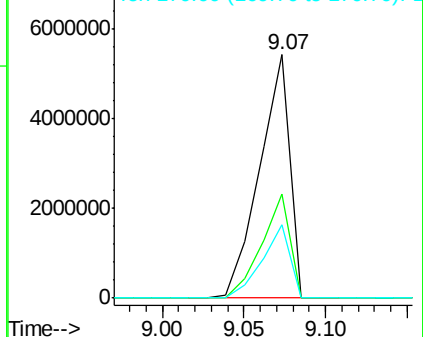


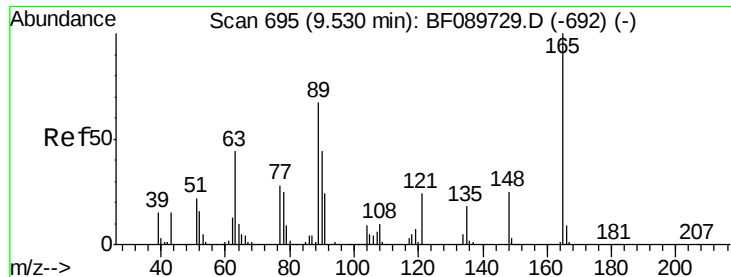
#44
 2-Fluorobiphenyl
 Concen: 70.45 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089736.D
 Acq: 17 Aug 2016 1:51

Tgt Ion:172 Resp: 6978309
 Ion Ratio Lower Upper
 172 100
 171 42.6 30.5 45.7
 170 30.2 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

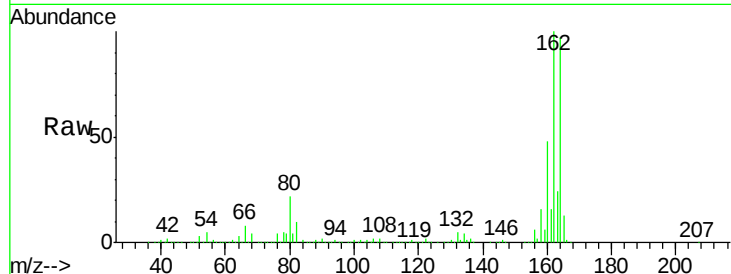




#50
 2,6-Dinitrotoluene
 Concen: 8.18 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.21 min
 Lab File: BF089736.D
 Acq: 17 Aug 2016 1:51

Instrument :
 BNA_F
 ClientSampleId :
 PB92806BL

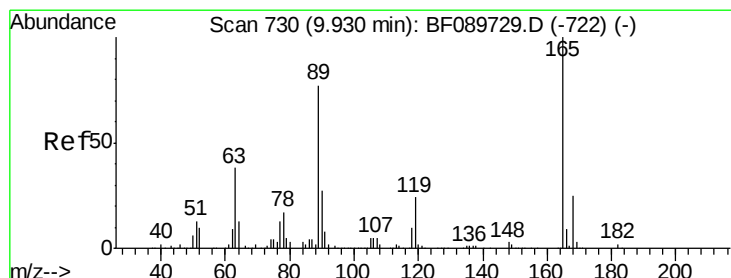
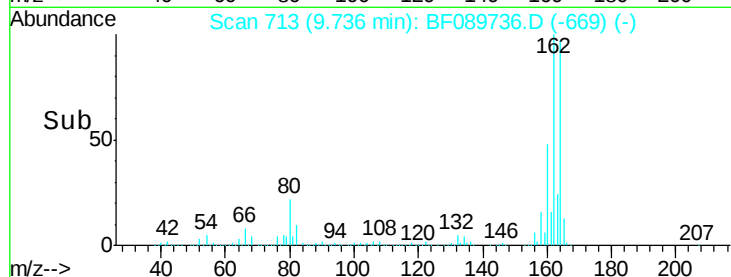
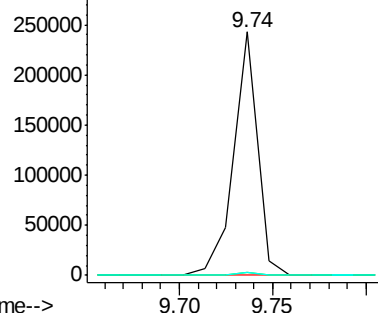
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	41.7	62.5#
89	1.3	44.6	67.0#



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: 6.36 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.19 min
 Lab File: BF089736.D
 Acq: 17 Aug 2016 1:51

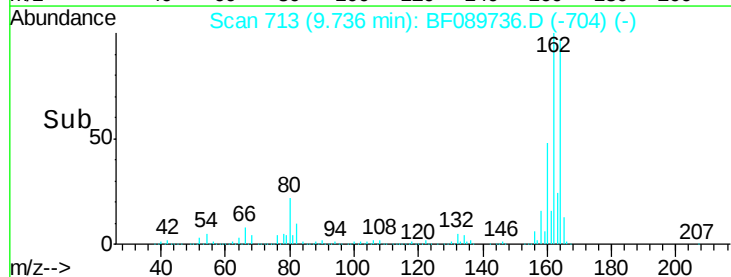
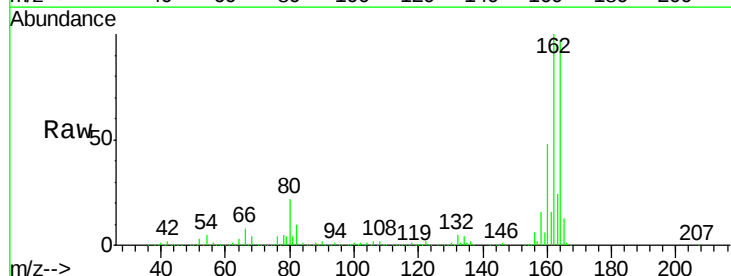
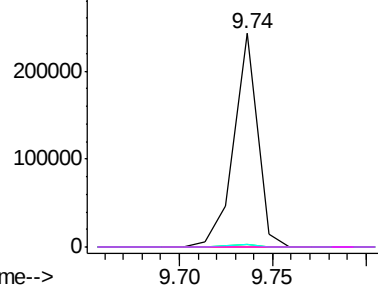
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	23.7	35.5#
89	1.3	44.0	66.0#
182	0.0	2.0	3.0#

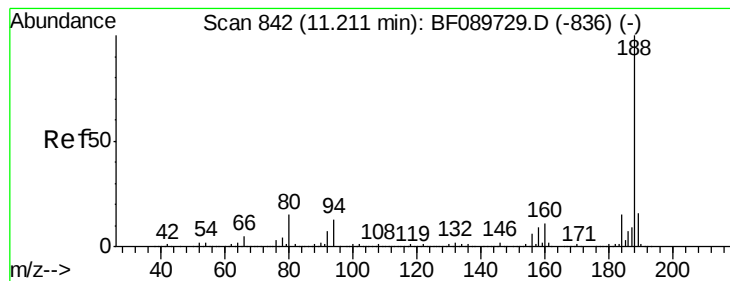
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF089736.D

Acq: 17 Aug 2016 1:51

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PB92806BL

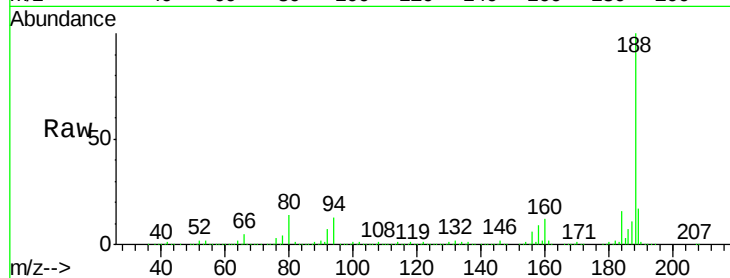
Tgt Ion:188 Resp: 2792507

Ion Ratio Lower Upper

188 100

94 13.1 10.2 15.2

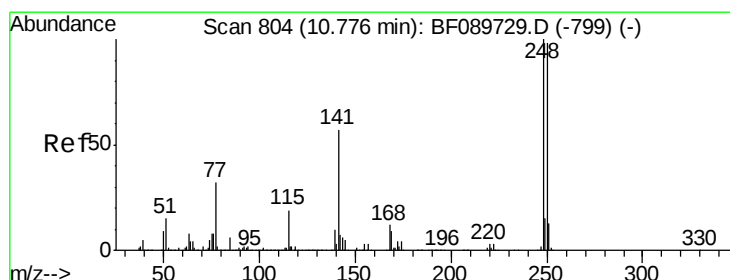
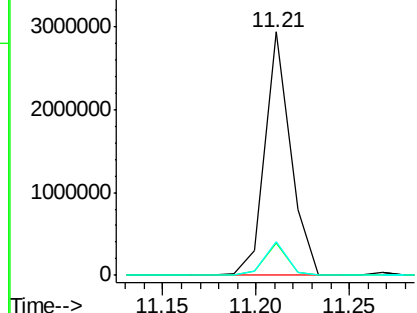
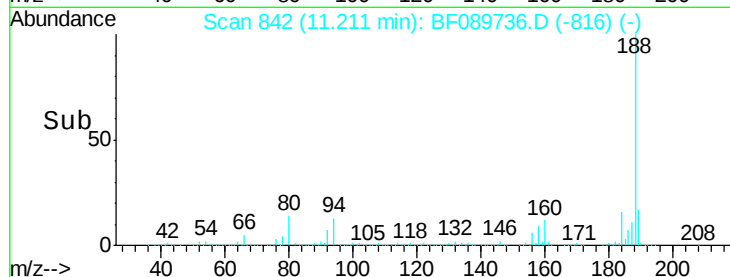
80 13.9 10.9 16.3



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: 3.39 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.25 min

Lab File: BF089736.D

Acq: 17 Aug 2016 1:51

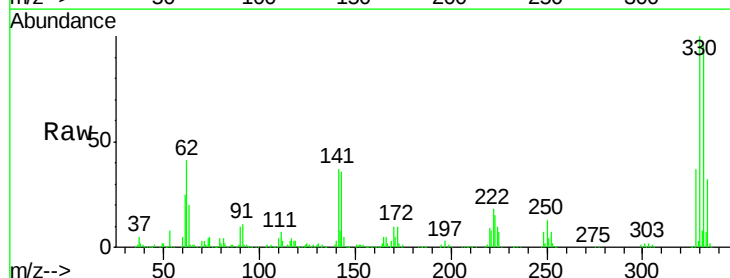
Tgt Ion:248 Resp: 98111

Ion Ratio Lower Upper

248 100

250 196.1 78.6 117.8#

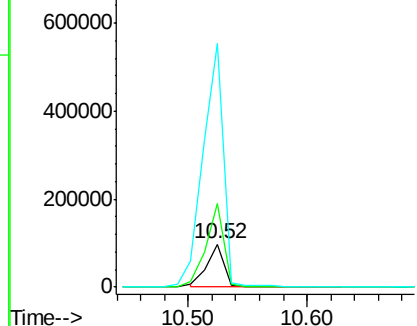
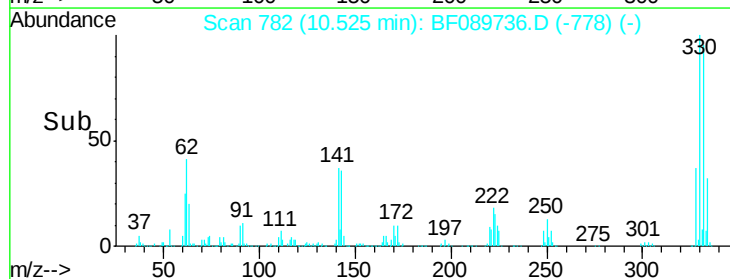
141 568.1 31.4 47.2#

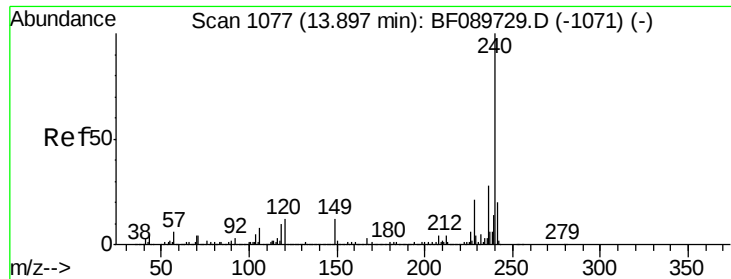


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.86 min Scan# 1074

Delta R.T. -0.03 min

Lab File: BF089736.D

Acq: 17 Aug 2016 1:51

Instrument :

BNA_F

ClientSampleId :

PB92806BL

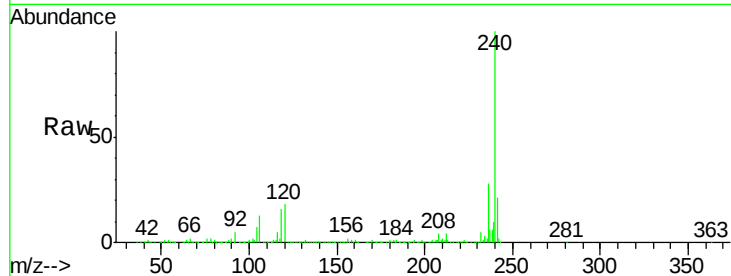
Tgt Ion:240 Resp: 2558125

Ion Ratio Lower Upper

240 100

120 18.2 8.3 12.5#

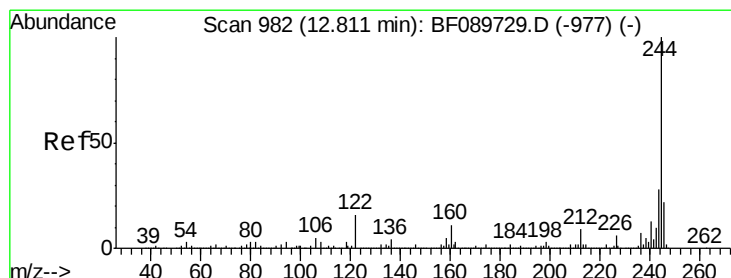
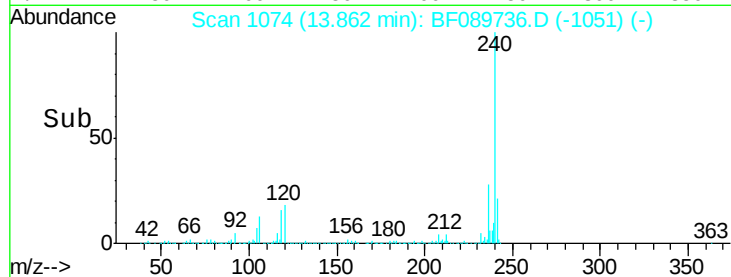
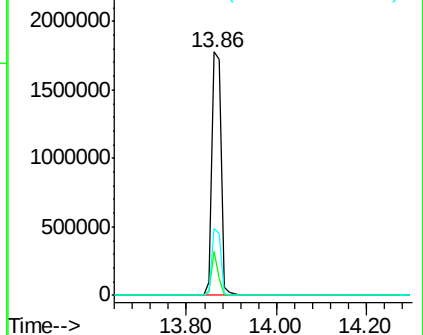
236 27.6 21.3 31.9



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: 66.39 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089736.D

Acq: 17 Aug 2016 1:51

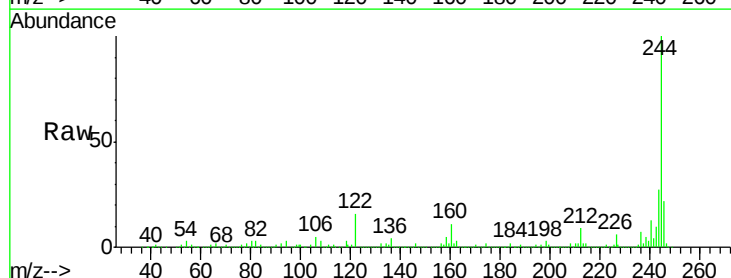
Tgt Ion:244 Resp: 5685128

Ion Ratio Lower Upper

244 100

212 9.5 6.3 9.5

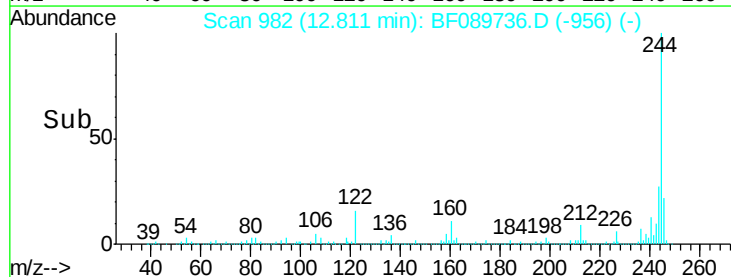
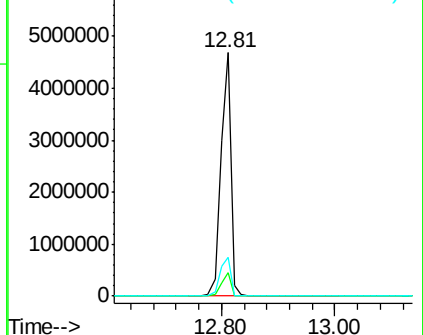
122 15.7 12.0 18.0

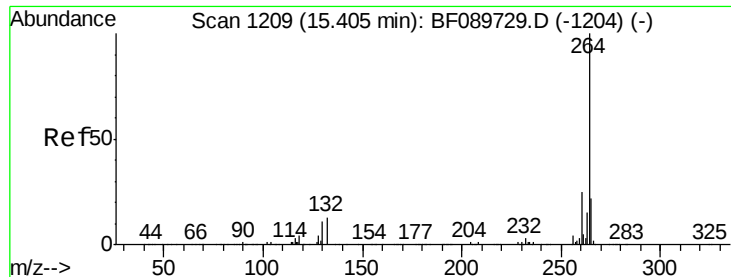


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

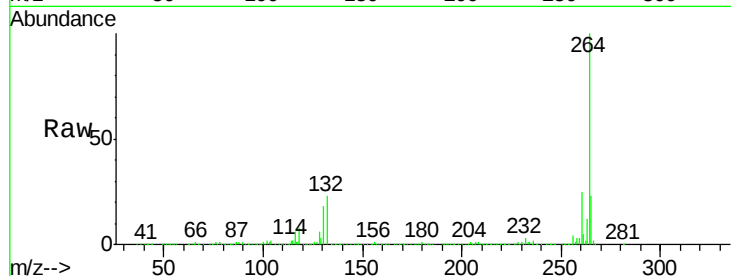




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 1203
Delta R.T. -0.07 min
Lab File: BF089736.D
Acq: 17 Aug 2016 1:51

Instrument :
BNA_F
ClientSampleId :
PB92806BL

Tgt Ion:264 Resp: 2123046
Ion Ratio Lower Upper
264 100
260 24.9 20.2 30.2
265 22.5 17.4 26.2



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

