

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089866.D
 Acq On : 24 Aug 2016 11:36
 Operator : UM/SJ
 Sample : PB93047BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 24 18:39:26 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

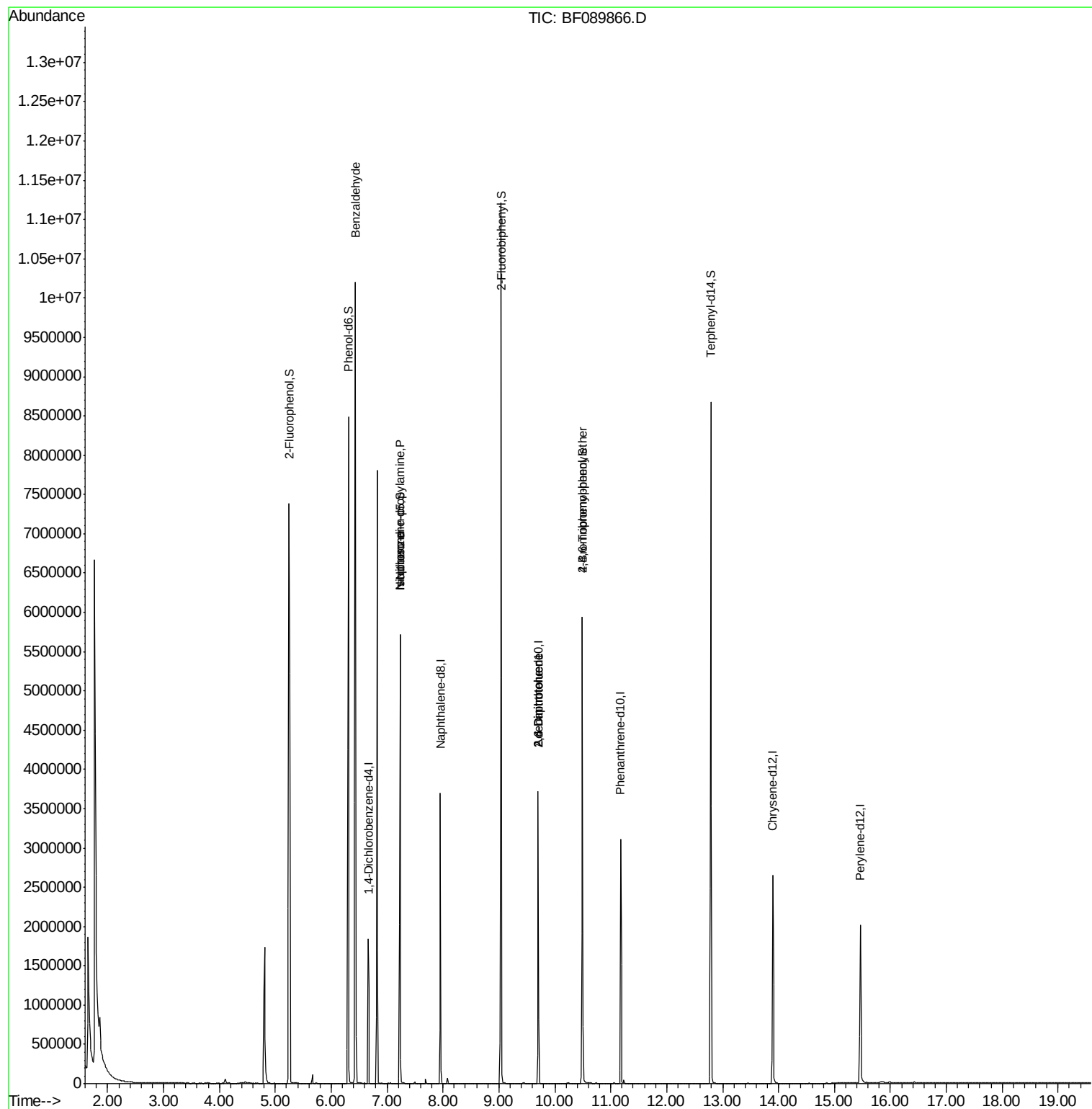
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	380170	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	1628356	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	731128	20.00	ng	-0.03
63) Phenanthrene-d10	11.18	188	1337764	20.00	ng	-0.03
75) Chrysene-d12	13.90	240	1083965	20.00	ng	0.00
86) Perylene-d12	15.46	264	866548	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	3295047	144.61	ng	-0.03
7) Phenol-d6	6.31	99	3563998	122.97	ng	-0.02
23) Nitrobenzene-d5	7.23	82	2018097	75.68	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	763428	107.93	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	3927371	86.19	ng	-0.03
78) Terphenyl-d14	12.79	244	3334829	91.91	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.43	77	66856	3.48	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.23	70	261271	13.77	ng	# 72
25) Isophorone	7.23	82	1484659	27.82	ng	# 67
50) 2,6-Dinitrotoluene	9.70	165	94636	7.90	ng	# 26
56) 2,4-Dinitrotoluene	9.70	165	94636	6.15	ng	# 35
66) 4-Bromophenyl-phenylether	10.49	248	45791	3.31	ng	# 1

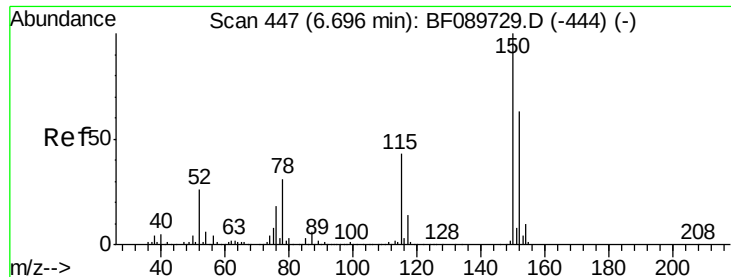
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF089866.D

Acq: 24 Aug 2016 11:36

Instrument :

BNA_F

ClientSampleId :

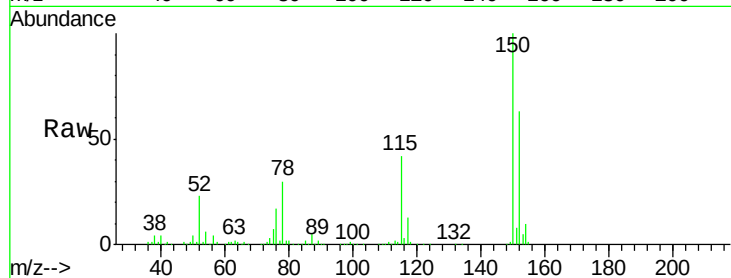
Tot Ion:152 Resp: 380170

Ion Ratio Lower Upper

152 100

150 159.9 125.3 187.9

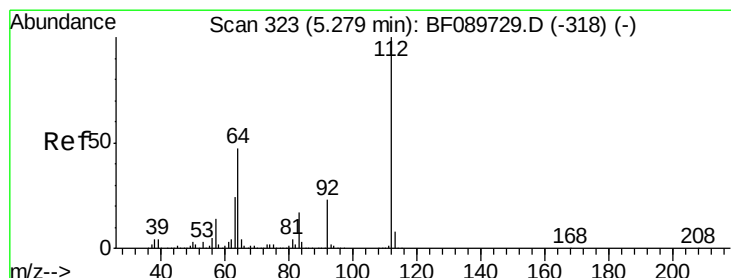
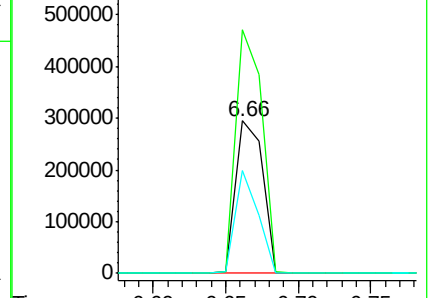
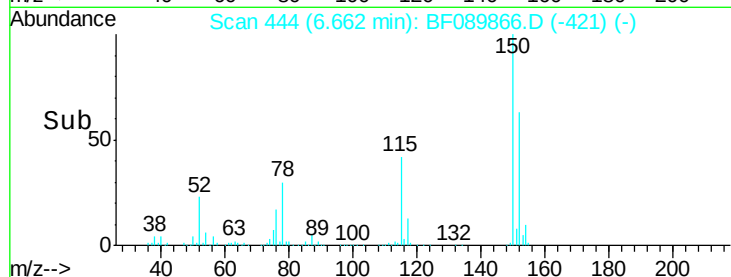
115 67.3 40.9 61.3#



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: 144.61 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.03 min

Lab File: BF089866.D

Acq: 24 Aug 2016 11:36

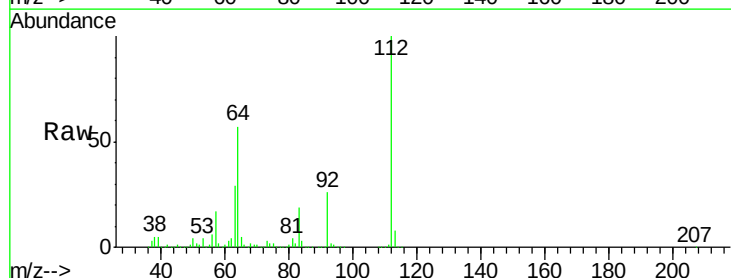
Tgt Ion:112 Resp: 3295047

Ion Ratio Lower Upper

112 100

64 56.7 45.0 67.4

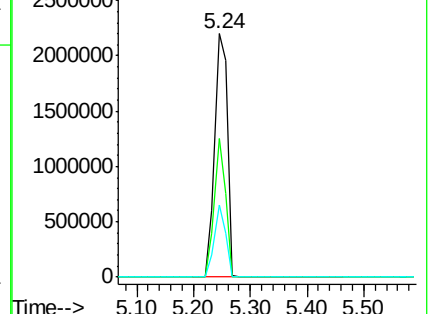
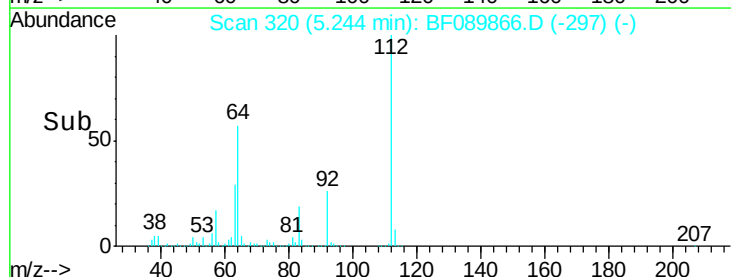
63 29.4 23.1 34.7

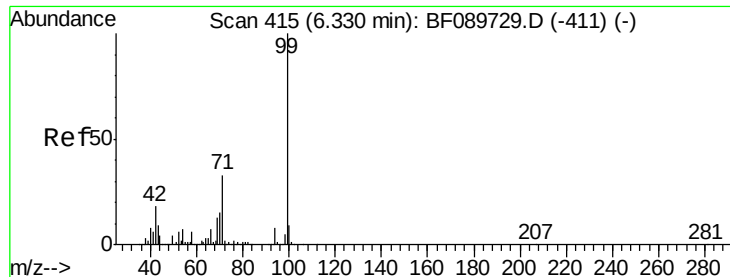


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.97 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF089866.D

Acq: 24 Aug 2016 11:36

Instrument :

BNA_F

ClientSampled :

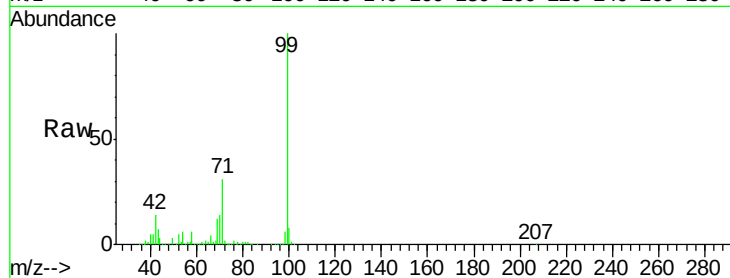
Tot Ion: 99 Resp: 3563998

Ion Ratio Lower Upper

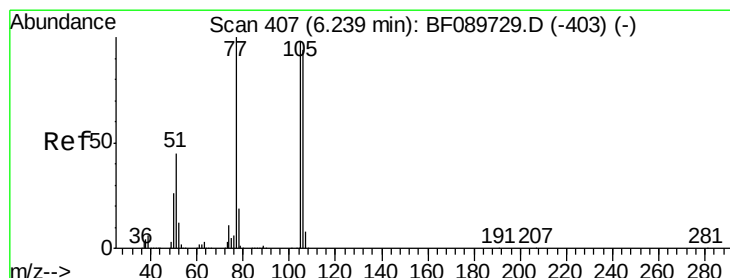
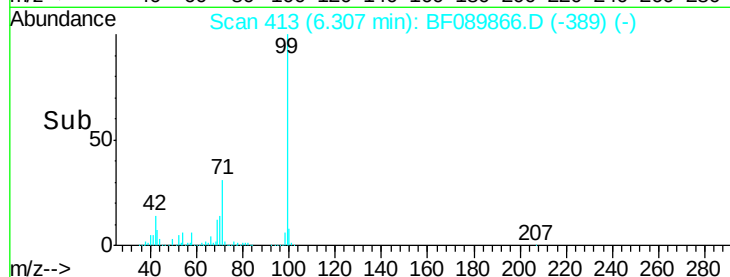
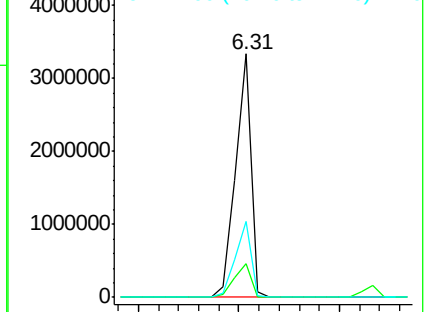
99 100

42 13.9 12.2 18.4

71 31.0 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: 3.48 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.19 min

Lab File: BF089866.D

Acq: 24 Aug 2016 11:36

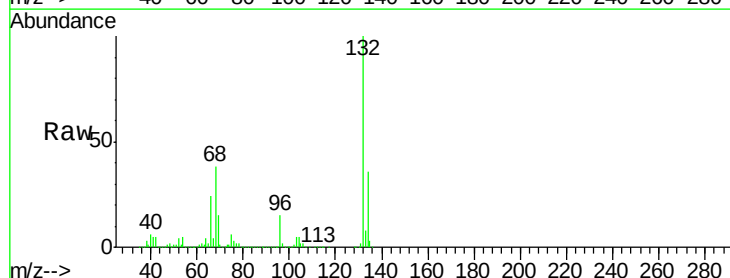
Tgt Ion: 77 Resp: 66856

Ion Ratio Lower Upper

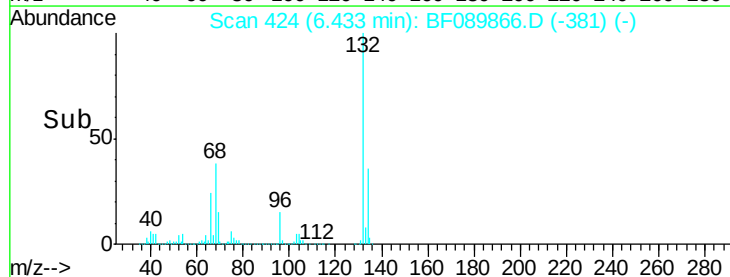
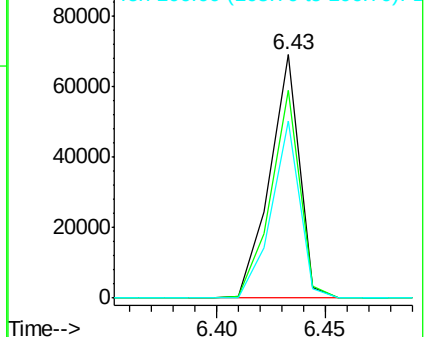
77 100

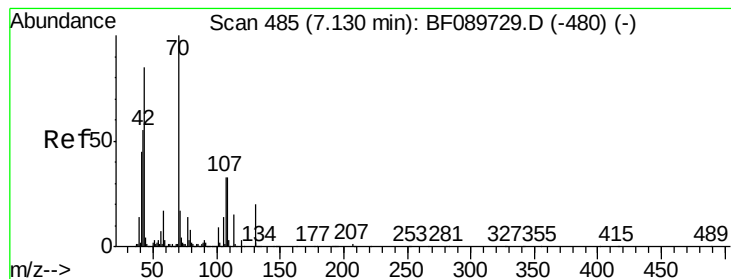
105 85.2 73.3 113.3

106 72.7 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: 13.77 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.10 min

Lab File: BF089866.D

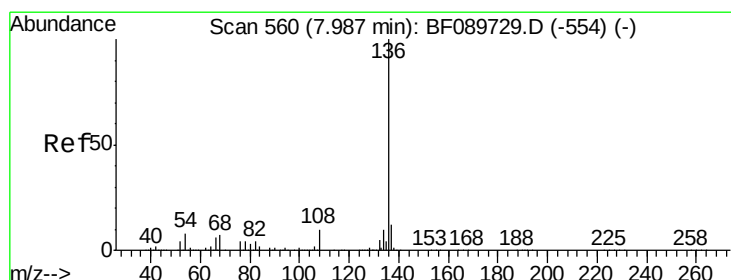
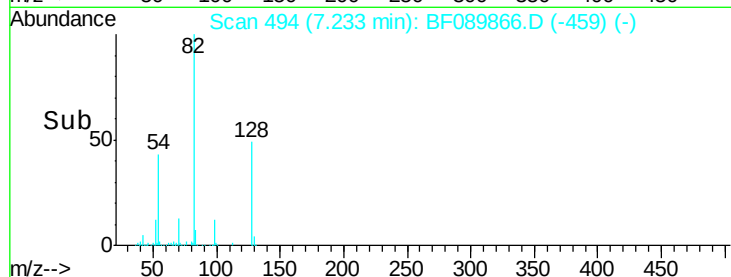
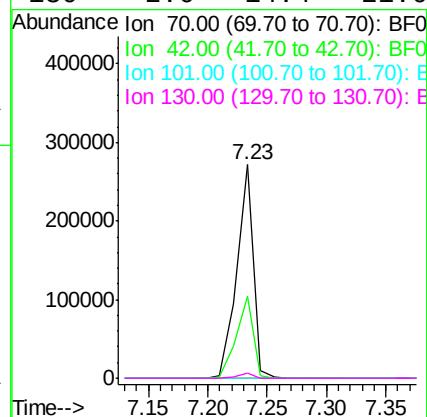
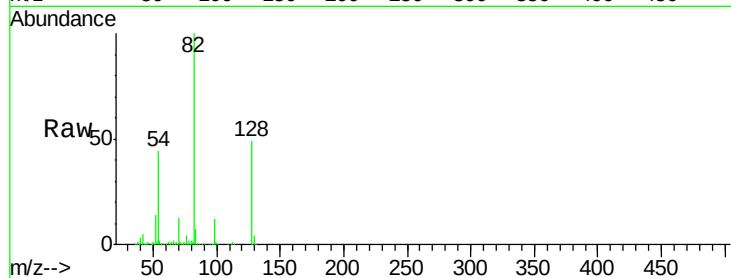
Acq: 24 Aug 2016 11:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	261271
Ion	Ratio	Lower	Upper
70	100		
42	38.2	46.3	69.5#
101	0.0	7.0	10.6#
130	2.6	14.4	21.6#



#21

Naphthalene-d8

Concen: 20.00 ng

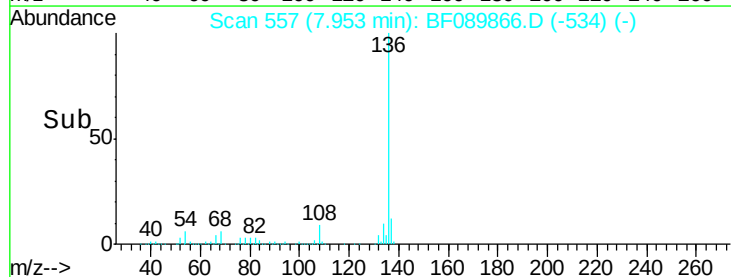
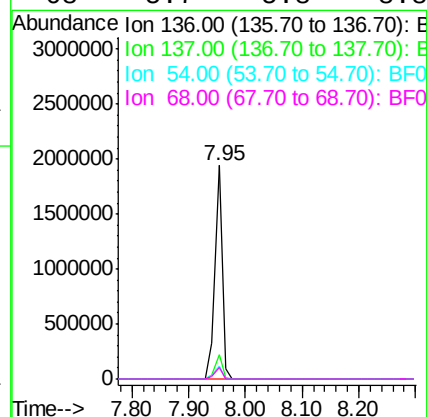
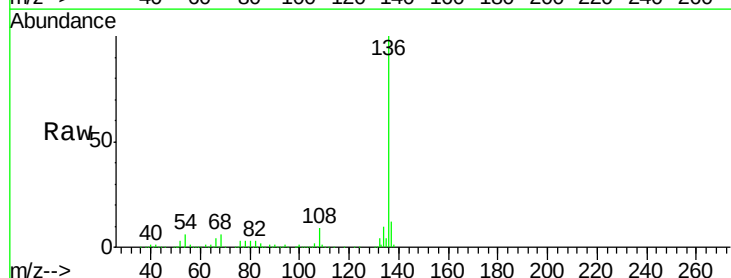
RT: 7.95 min Scan# 557

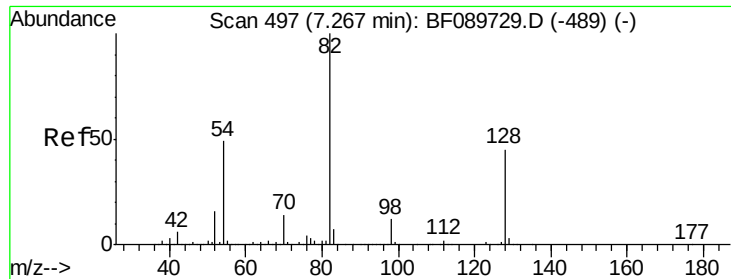
Delta R.T. -0.03 min

Lab File: BF089866.D

Acq: 24 Aug 2016 11:36

Tgt Ion:	136	Resp:	1628356
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	6.1	7.2	10.8#
68	5.7	5.8	8.8#

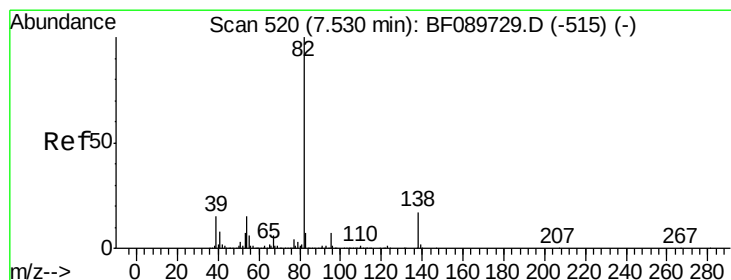
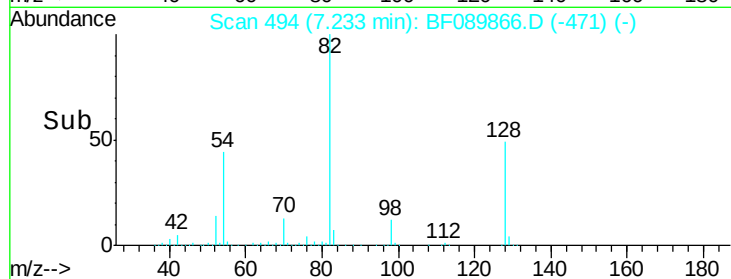
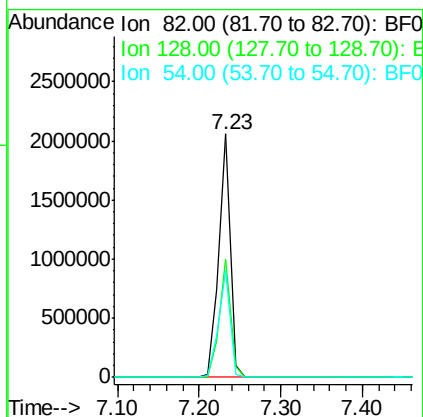
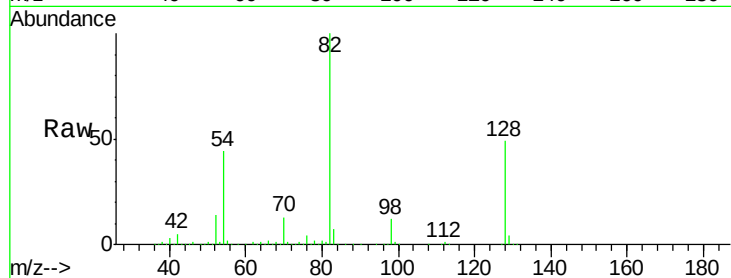




#23
 Nitrobenzene-d5
 Concen: 75.68 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.03 min
 Lab File: BF089866.D
 Acq: 24 Aug 2016 11:36

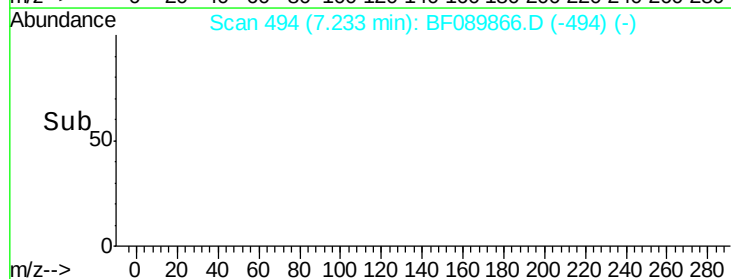
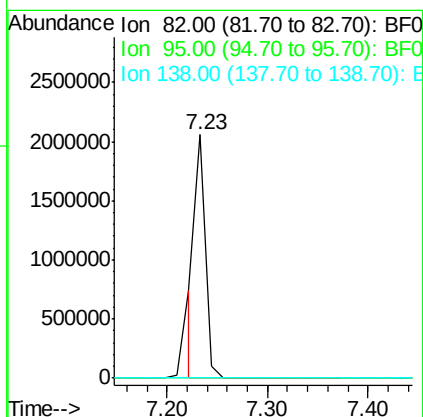
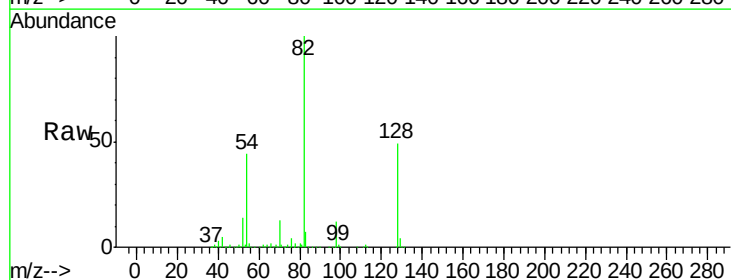
Instrument :
 BNA_F
 ClientSampleId :

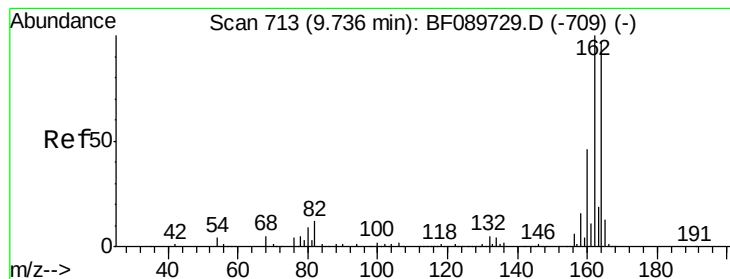
Tot Ion: 82 Resp: 2018097
 Ion Ratio Lower Upper
 82 100
 128 48.6 34.4 51.6
 54 43.8 40.3 60.5



#25
 Isophorone
 Concen: 27.82 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.30 min
 Lab File: BF089866.D
 Acq: 24 Aug 2016 11:36

Tgt Ion: 82 Resp: 1484659
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.0 19.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.03 min

Lab File: BF089866.D

Acq: 24 Aug 2016 11:36

Instrument :

BNA_F

ClientSampleId :

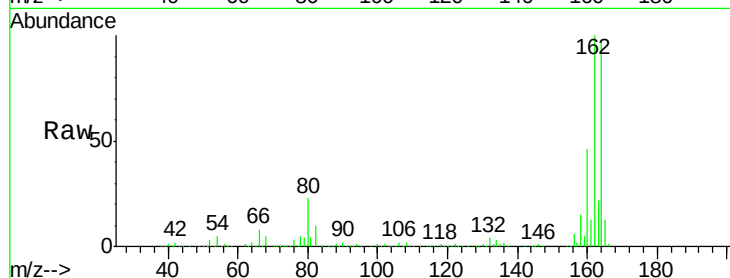
Tot Ion:164 Resp: 731128

Ion Ratio Lower Upper

164 100

162 103.1 81.4 122.2

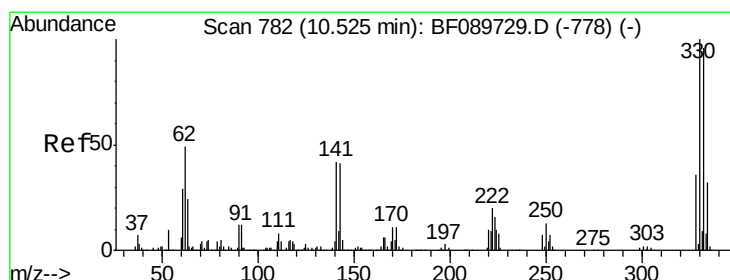
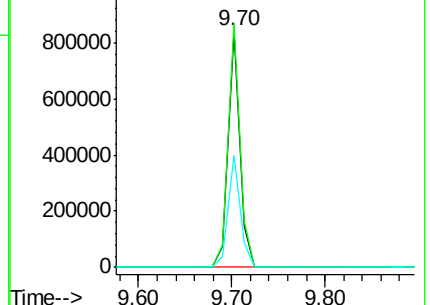
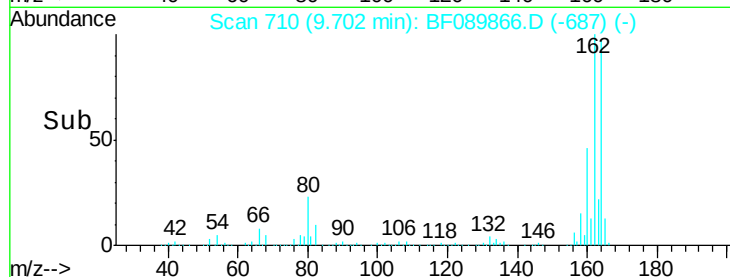
160 47.2 37.8 56.6



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: 107.93 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.03 min

Lab File: BF089866.D

Acq: 24 Aug 2016 11:36

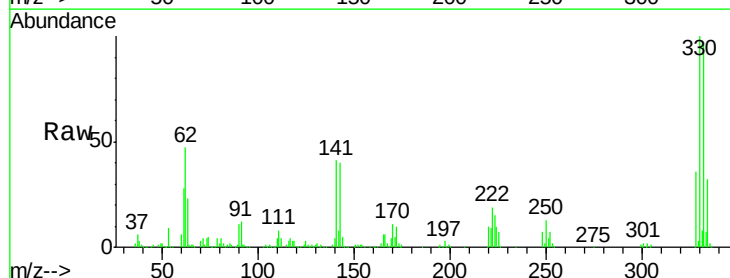
Tgt Ion:330 Resp: 763428

Ion Ratio Lower Upper

330 100

332 97.4 76.7 115.1

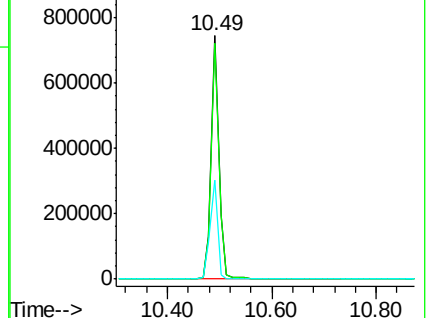
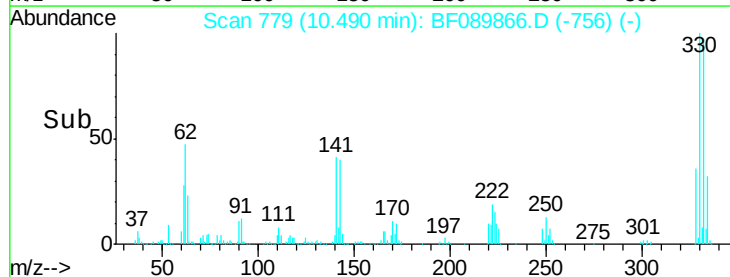
141 39.7 30.2 45.2

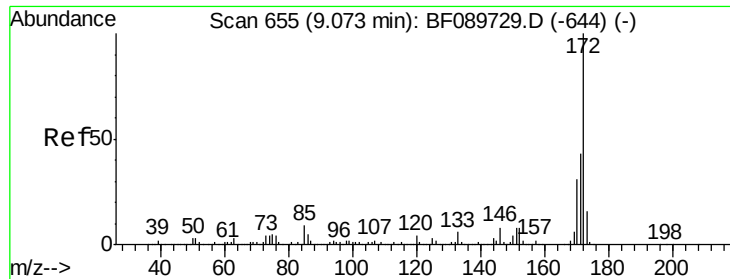


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

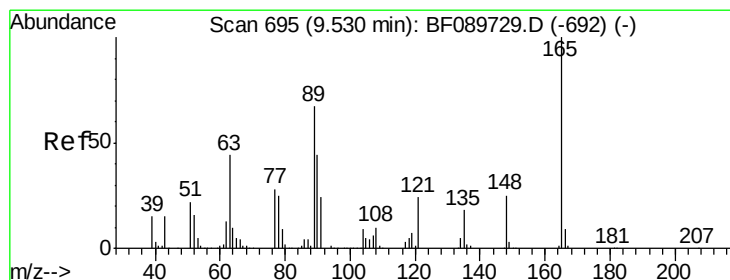
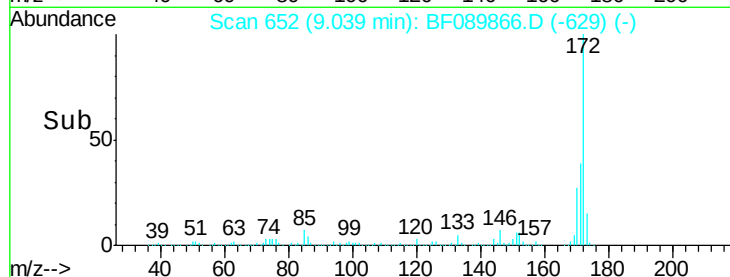
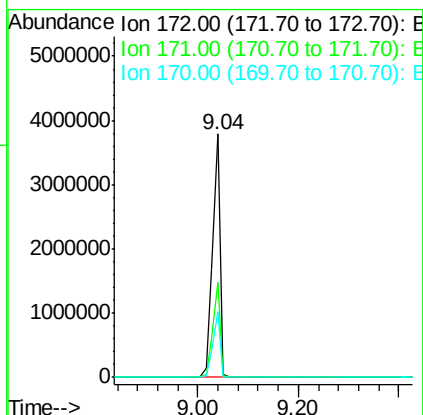
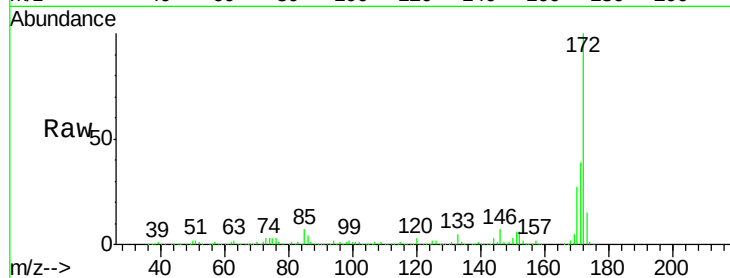




#44
 2-Fluorobiphenyl
 Concen: 86.19 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF089866.D
 Acq: 24 Aug 2016 11:36

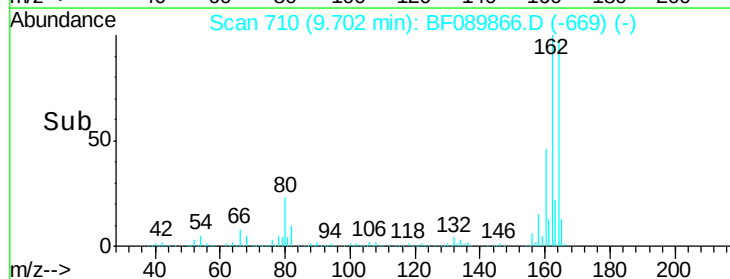
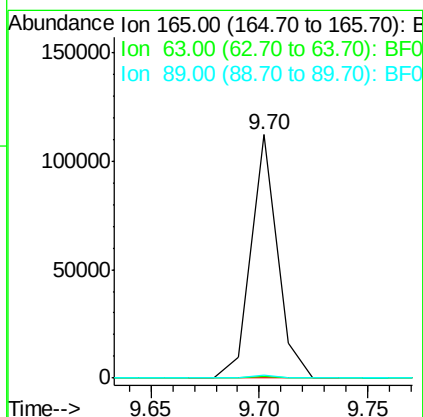
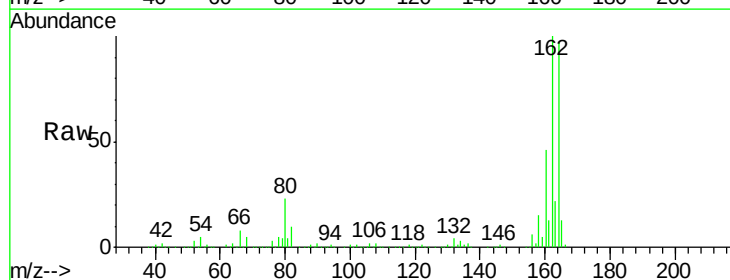
Instrument :
 BNA_F
 ClientSampleId :

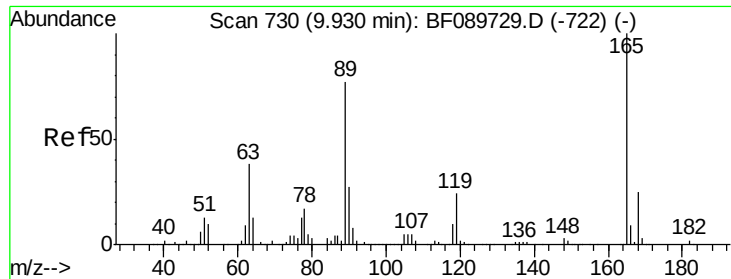
Tot Ion:172 Resp: 3927371
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.5 45.7
 170 26.9 20.6 31.0



#50
 2,6-Dinitrotoluene
 Concen: 7.90 ng
 RT: 9.70 min Scan# 710
 Delta R.T. 0.17 min
 Lab File: BF089866.D
 Acq: 24 Aug 2016 11:36

Tgt Ion:165 Resp: 94636
 Ion Ratio Lower Upper
 165 100
 63 0.9 41.7 62.5#
 89 1.0 44.6 67.0#

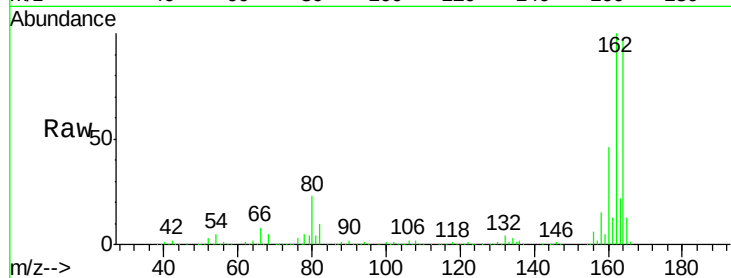




#56
 2,4-Dinitrotoluene
 Concen: 6.15 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.23 min
 Lab File: BF089866.D
 Acq: 24 Aug 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	23.7	35.5#
89	1.0	44.0	66.0#
182	0.0	2.0	3.0#

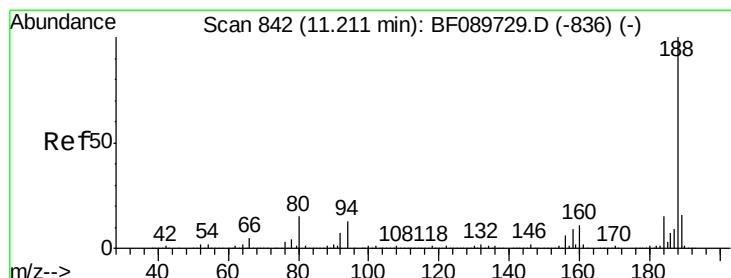
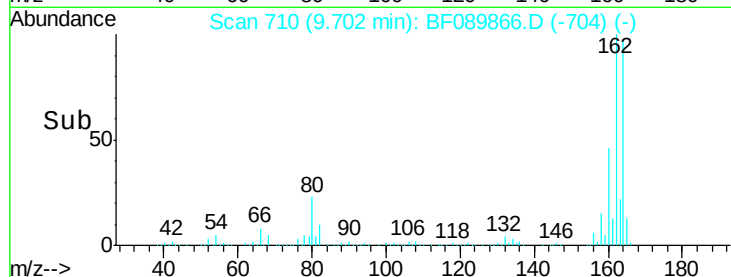
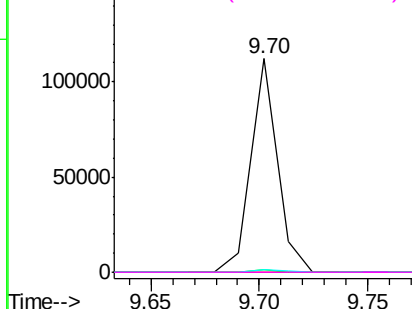


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

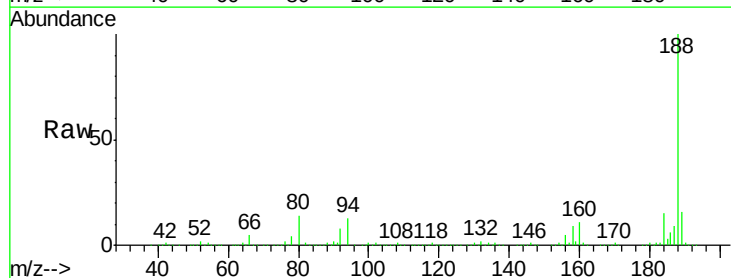
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.03 min
 Lab File: BF089866.D
 Acq: 24 Aug 2016 11:36

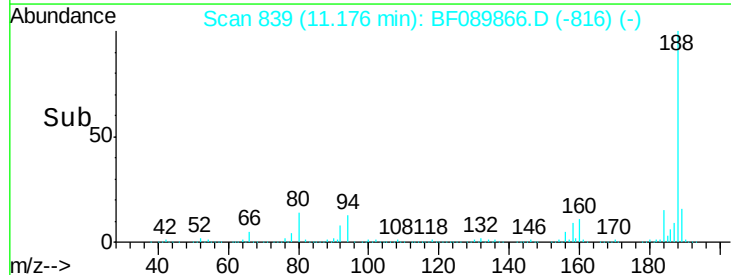
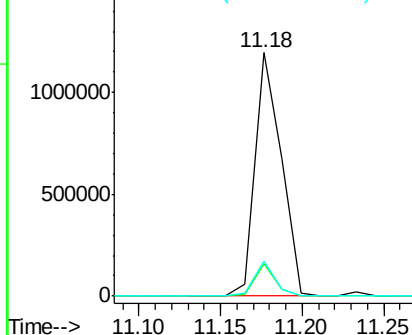
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.3	10.2	15.2
80	14.1	10.9	16.3

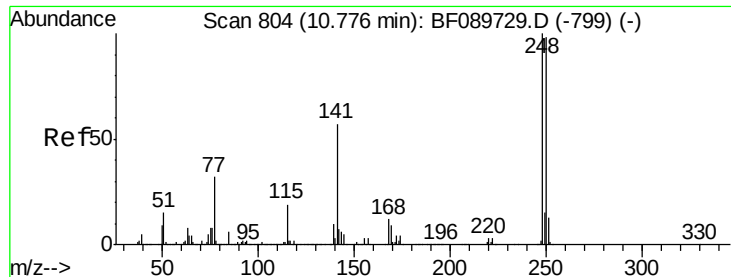


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

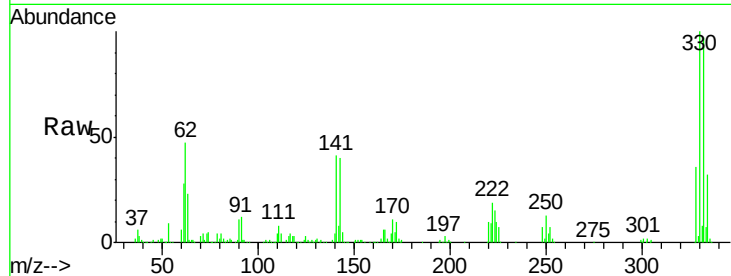




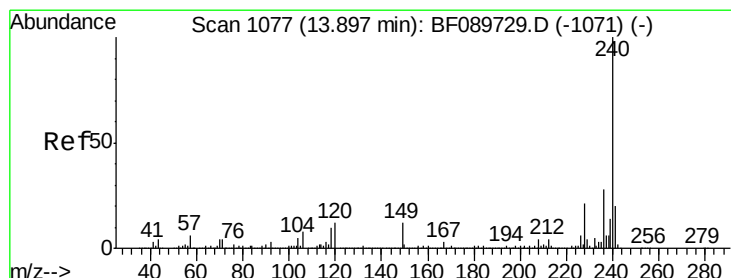
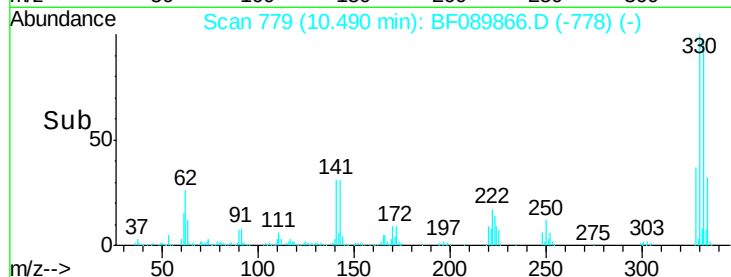
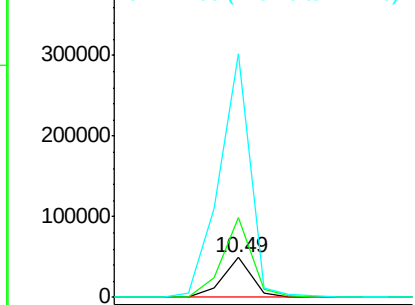
#66
 4-Bromophenyl-phenylether
 Concen: 3.31 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.29 min
 Lab File: BF089866.D
 Acq: 24 Aug 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 45791
 Ion Ratio Lower Upper
 248 100
 250 202.3 78.6 117.8#
 141 614.8 31.4 47.2#

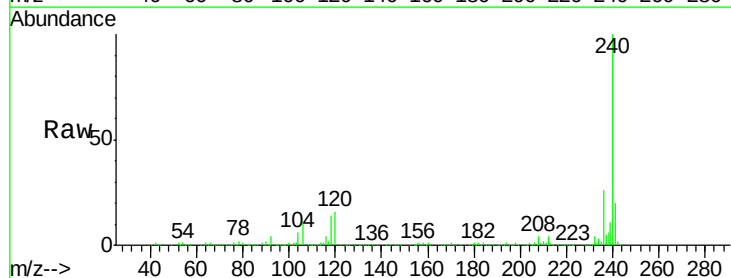


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

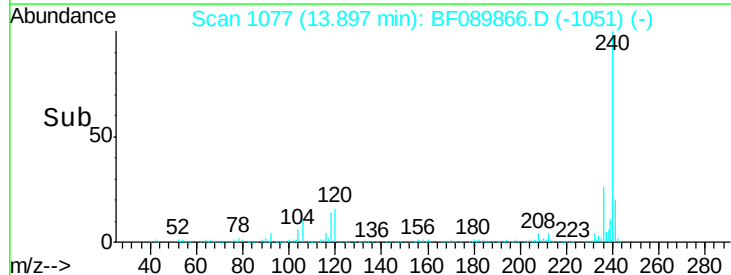
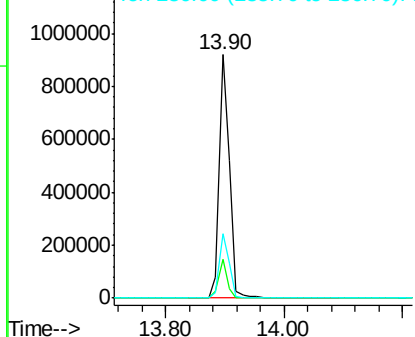


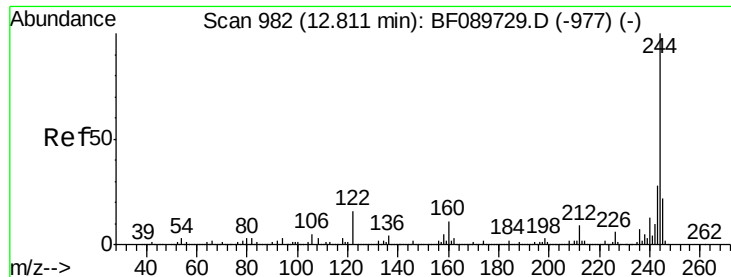
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BF089866.D
 Acq: 24 Aug 2016 11:36

Tgt Ion:240 Resp: 1083965
 Ion Ratio Lower Upper
 240 100
 120 16.0 8.3 12.5#
 236 26.4 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

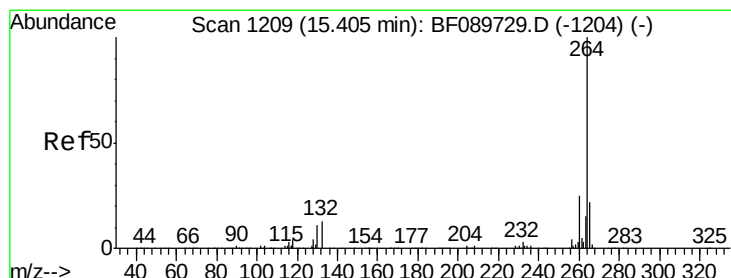
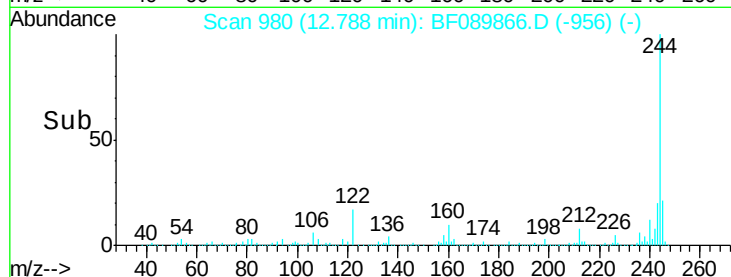
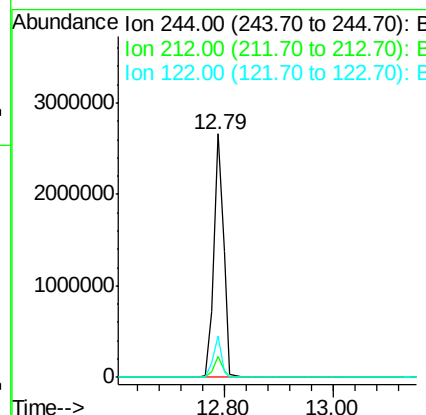
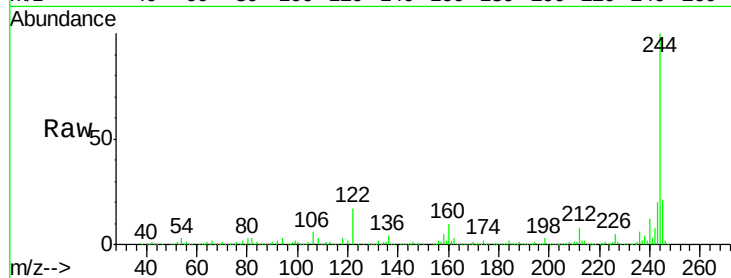




#78
 Terphenyl-d14
 Concen: 91.91 ng
 RT: 12.79 min Scan# 980
 Delta R.T. -0.02 min
 Lab File: BF089866.D
 Acq: 24 Aug 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 3334829
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.3 9.5
 122 16.8 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1214
 Delta R.T. 0.06 min
 Lab File: BF089866.D
 Acq: 24 Aug 2016 11:36

Tgt Ion:264 Resp: 866548
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.2 30.2
 265 22.0 17.4 26.2

