

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
 Data File : BF089171.D
 Acq On : 21 Jul 2016 10:45
 Operator : UM/SJ
 Sample : H4073-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 21 16:06:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

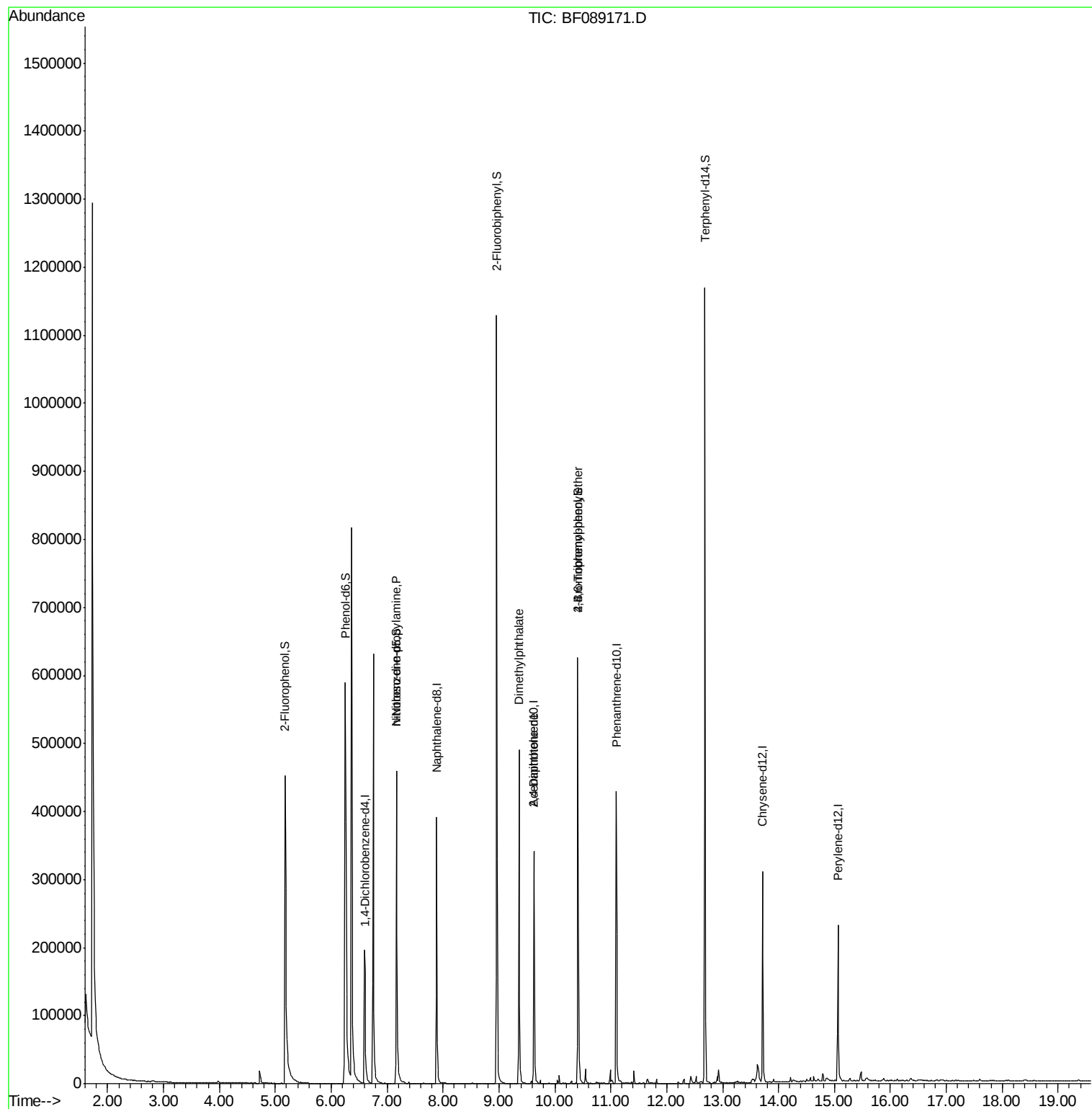
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	51644	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	224044	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	99849	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	196698	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	127951	20.00	ng	-0.01
86) Perylene-d12	15.06	264	96129	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	230188	67.79	ng	-0.01
7) Phenol-d6	6.25	99	346065	79.03	ng	-0.02
23) Nitrobenzene-d5	7.16	82	209800	49.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	69390	77.19	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	401892	55.46	ng	-0.01
78) Terphenyl-d14	12.69	244	379191	64.28	ng	0.00
Target Compounds						
9) Benzaldehyde	6.25	77	241	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.16	70	27964	9.76	ng	# 83
49) Dimethylphthalate	9.36	163	214751	28.03	ng	98
56) 2,4-Dinitrotoluene	9.62	165	12341	5.54	ng	# 10
66) 4-Bromophenyl-phenylether	10.41	248	5422	2.79	ng	# 1

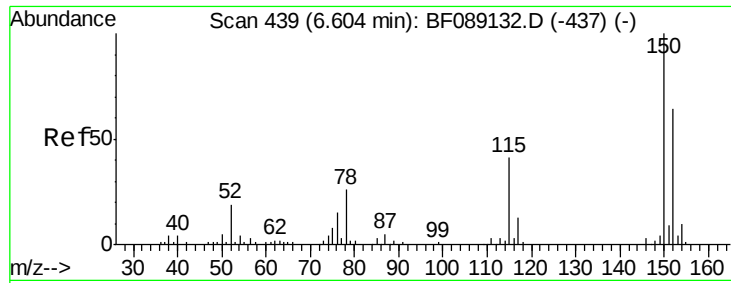
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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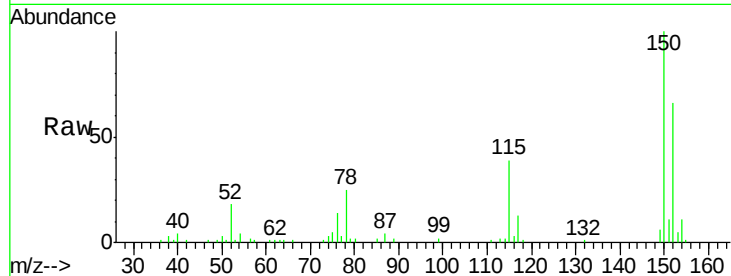




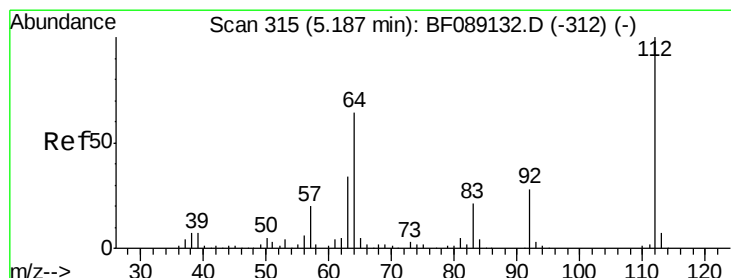
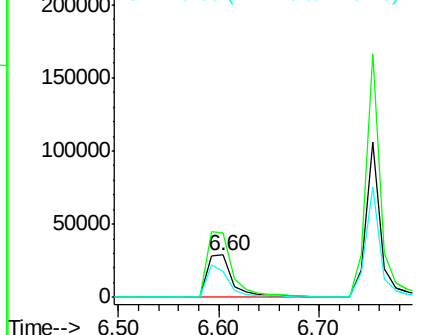
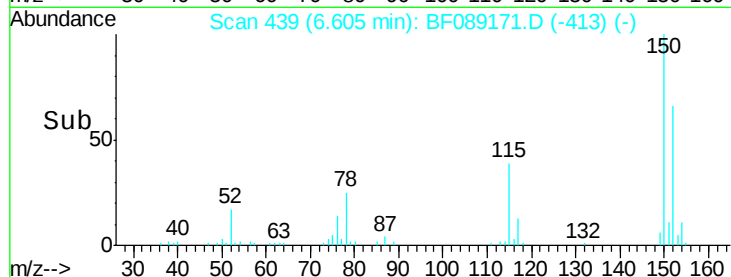
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF089171.D
 Acq: 21 Jul 2016 10:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 51644
 Ion Ratio Lower Upper
 152 100
 150 152.4 125.1 187.7
 115 60.2 51.1 76.7

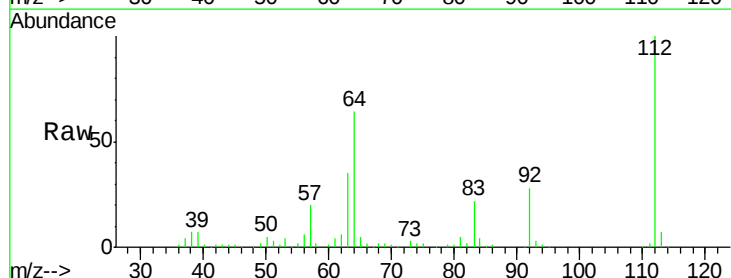


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

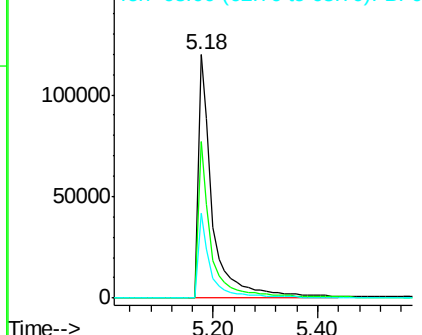
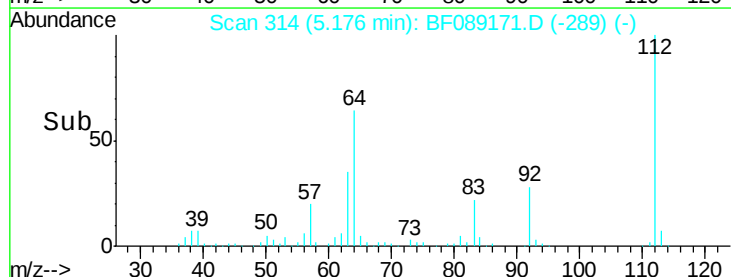


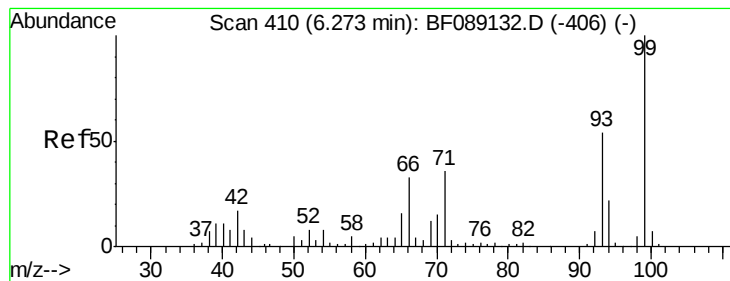
#5
 2-Fluorophenol
 Concen: 67.79 ng
 RT: 5.18 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: BF089171.D
 Acq: 21 Jul 2016 10:45

Tgt Ion:112 Resp: 230188
 Ion Ratio Lower Upper
 112 100
 64 64.4 51.0 76.4
 63 34.7 27.3 40.9



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: 79.03 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF089171.D

Acq: 21 Jul 2016 10:45

Instrument :

BNA_F

ClientSampleId :

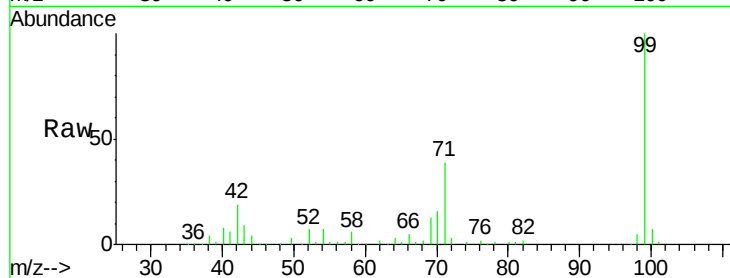
Tot Ion: 99 Resp: 346065

Ion Ratio Lower Upper

99 100

42 19.0 13.5 20.3

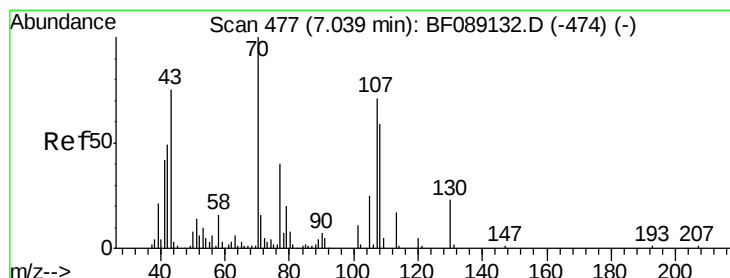
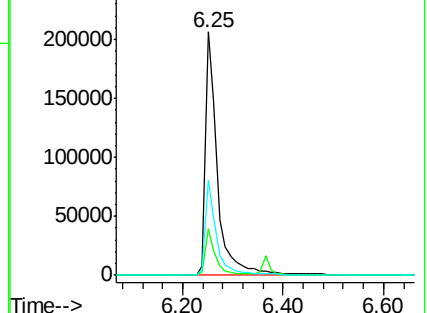
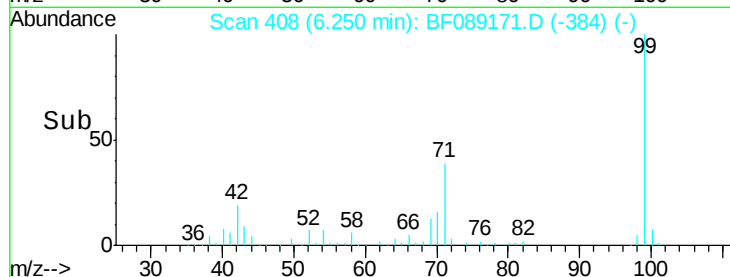
71 39.3 28.9 43.3



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: 9.76 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.13 min

Lab File: BF089171.D

Acq: 21 Jul 2016 10:45

Tgt Ion: 70 Resp: 27964

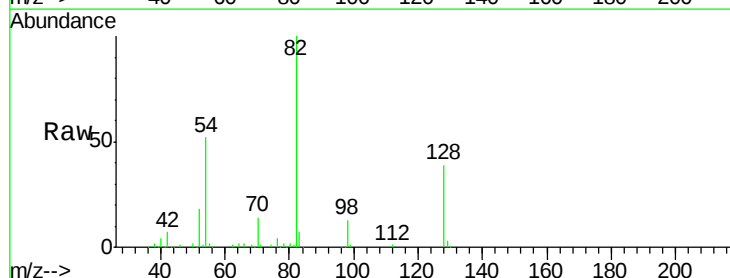
Ion Ratio Lower Upper

70 100

42 48.0 39.2 58.8

101 0.0 8.5 12.7#

130 1.8 18.4 27.6#

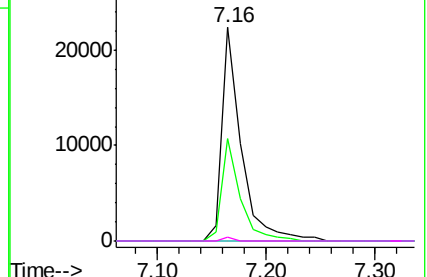
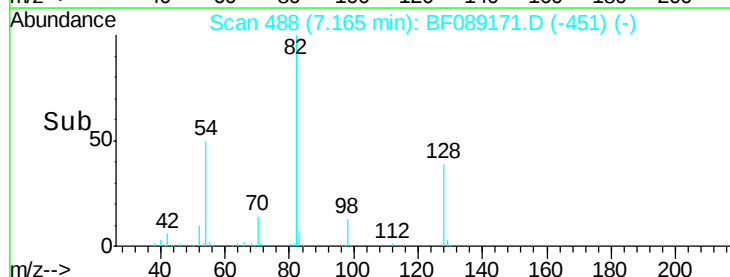


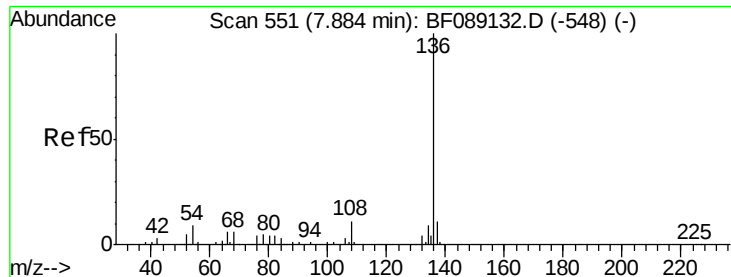
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

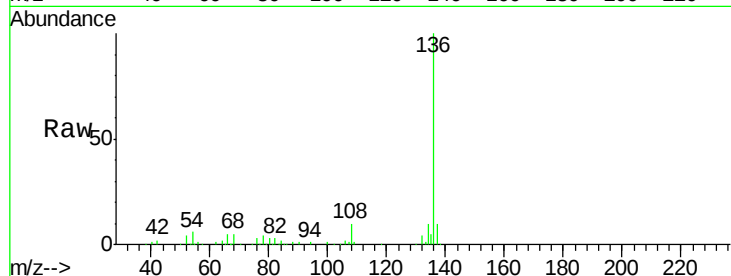




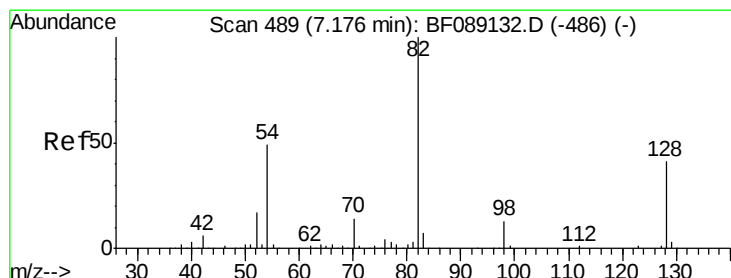
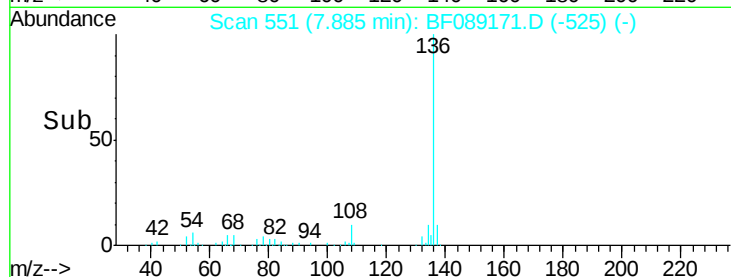
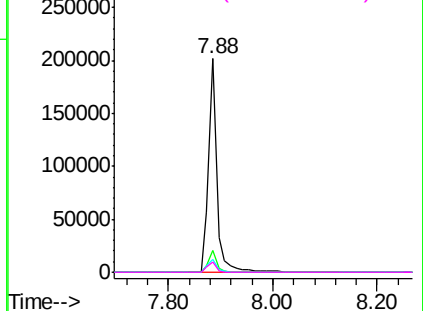
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF089171.D
Acq: 21 Jul 2016 10:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	224044
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.8 13.2
54	6.2	7.0 10.4#
68	4.8	5.0 7.6#

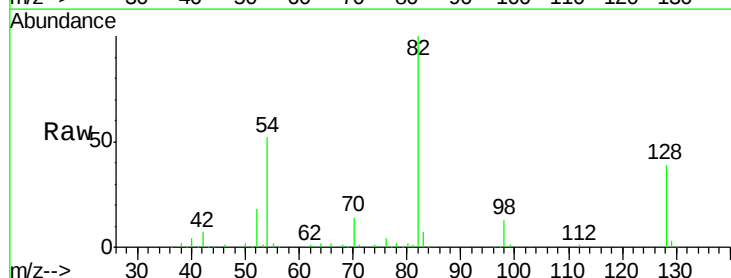


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

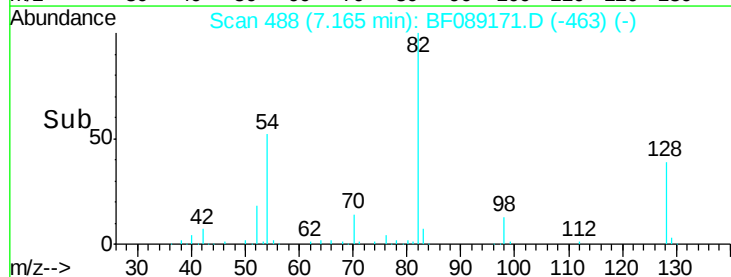
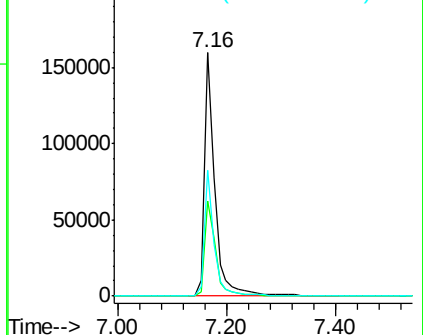


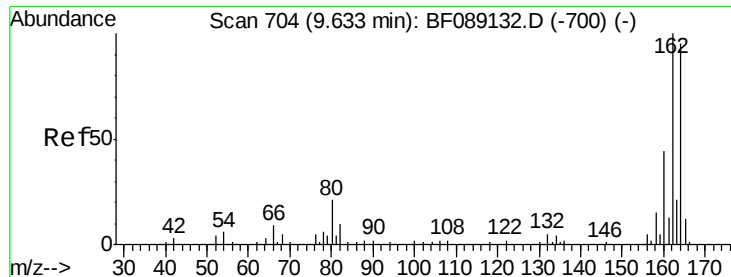
#23
Nitrobenzene-d5
Concen: 49.76 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF089171.D
Acq: 21 Jul 2016 10:45

Tgt Ion: 82	Resp:	209800
Ion Ratio	Lower	Upper
82	100	
128	39.0	33.0 49.6
54	51.7	39.0 58.4



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: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF089171.D

Acq: 21 Jul 2016 10:45

Instrument :

BNA_F

ClientSampleId :

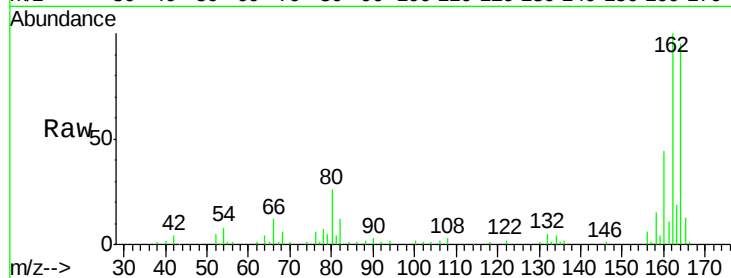
Tot Ion:164 Resp: 99849

Ion Ratio Lower Upper

164 100

162 105.3 84.1 126.1

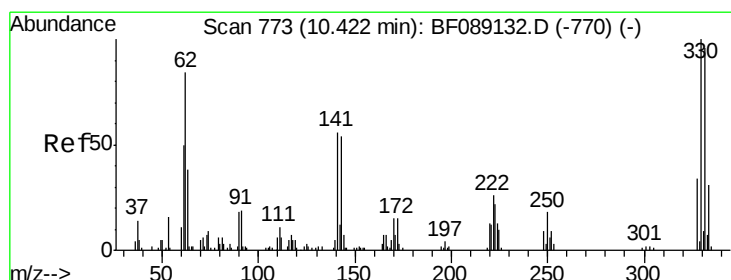
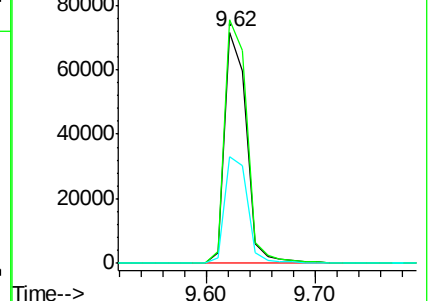
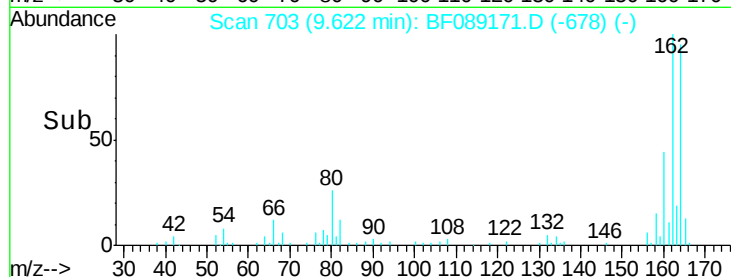
160 46.2 37.1 55.7



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: 77.19 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF089171.D

Acq: 21 Jul 2016 10:45

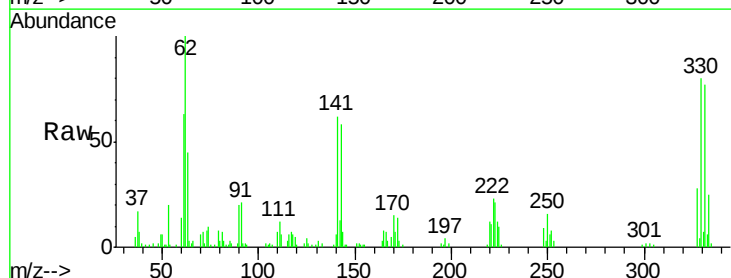
Tgt Ion:330 Resp: 69390

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

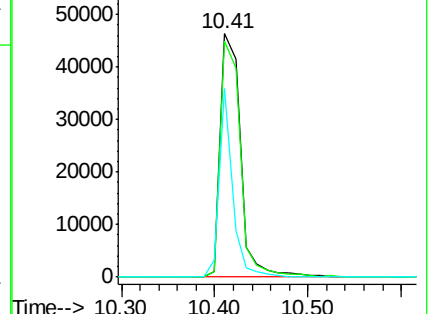
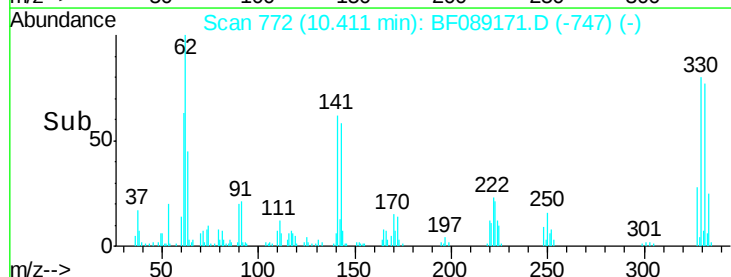
141 51.2 42.2 63.2

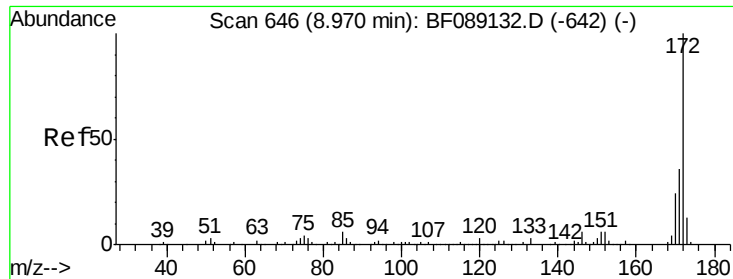


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

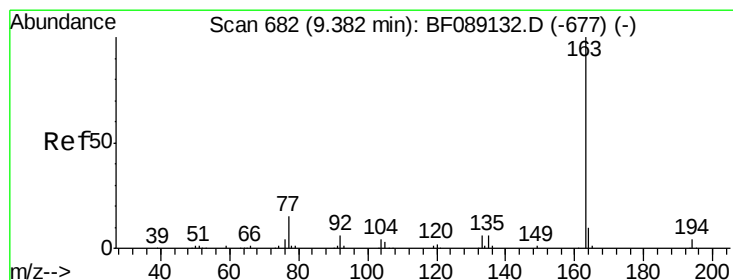
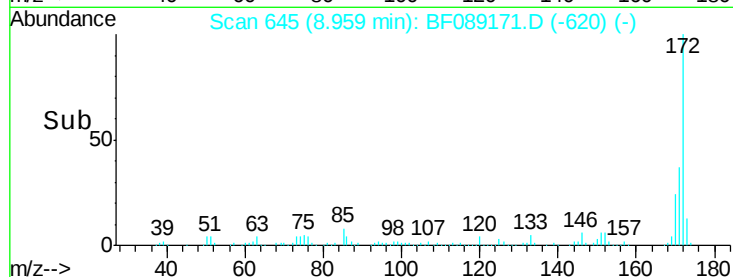
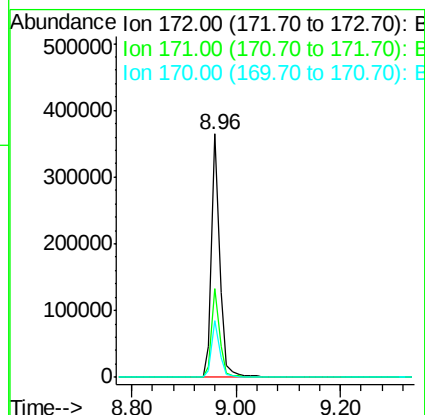
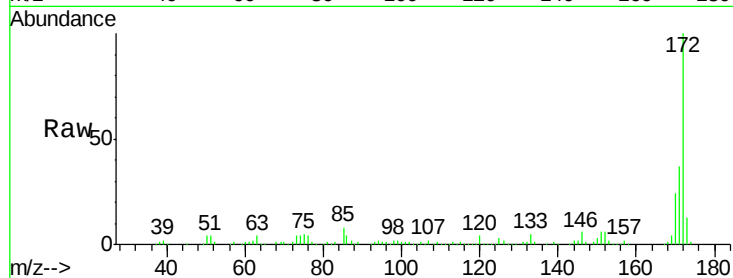




#44
 2-Fluorobiphenyl
 Concen: 55.46 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089171.D
 Acq: 21 Jul 2016 10:45

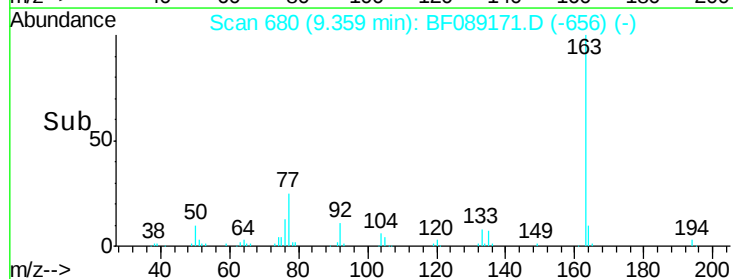
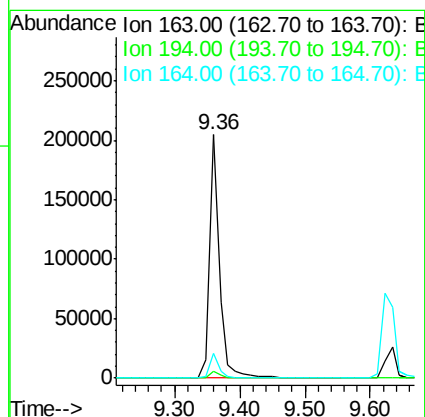
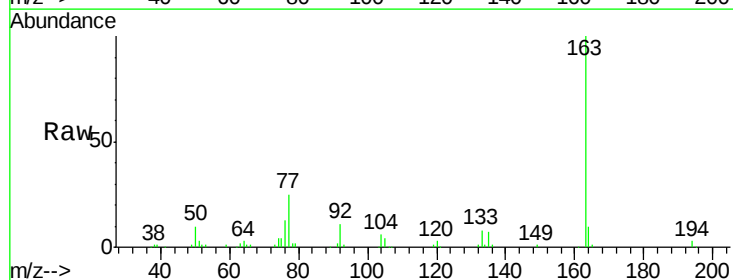
Instrument :
 BNA_F
 ClientSampled :

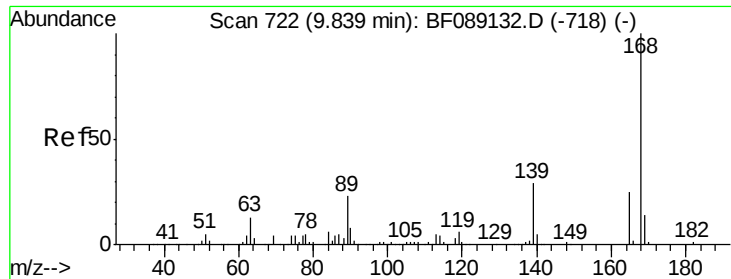
Tot Ion:172 Resp: 401892
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.2 43.8
 170 23.5 19.1 28.7



#49
 Dimethylphthalate
 Concen: 28.03 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.02 min
 Lab File: BF089171.D
 Acq: 21 Jul 2016 10:45

Tgt Ion:163 Resp: 214751
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.9 4.3
 164 10.3 7.6 11.4

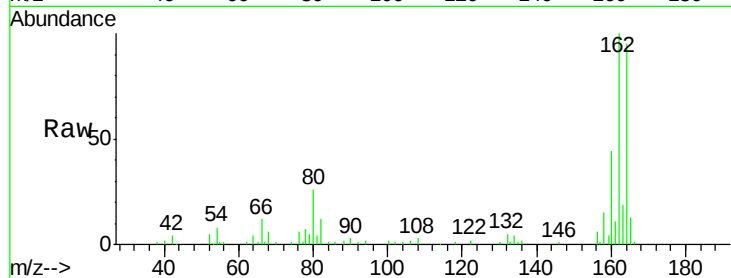




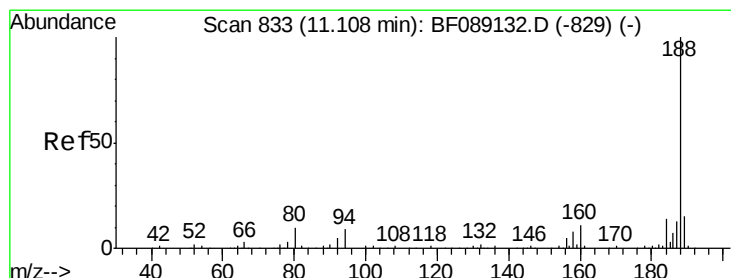
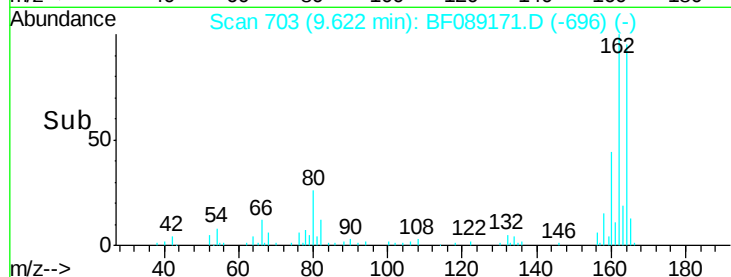
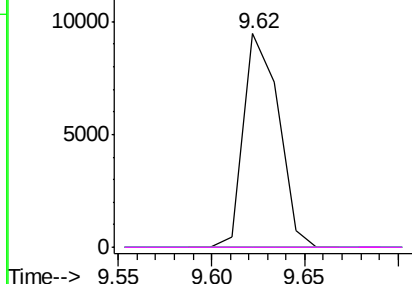
#56
 2,4-Dinitrotoluene
 Concen: 5.54 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.22 min
 Lab File: BF089171.D
 Acq: 21 Jul 2016 10:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 12341
 Ion Ratio Lower Upper
 165 100
 63 0.0 55.4 83.2#
 89 0.0 74.3 111.5#
 182 0.0 2.0 3.0#

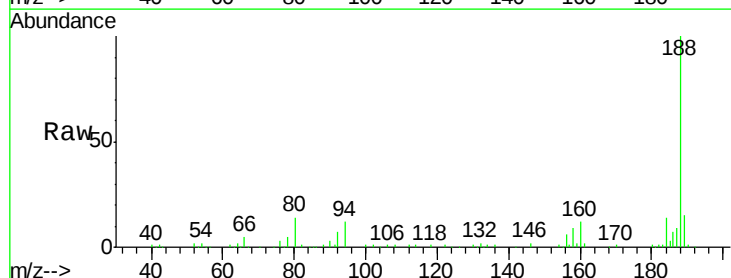


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

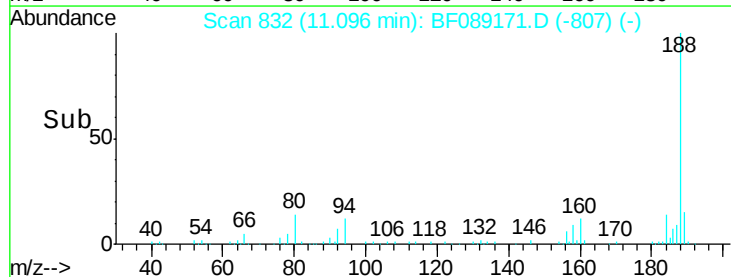
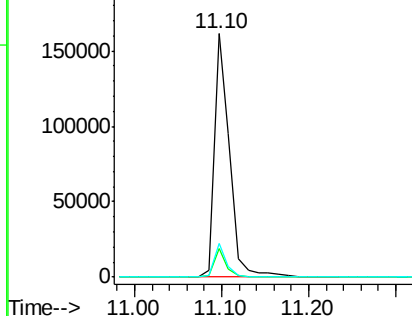


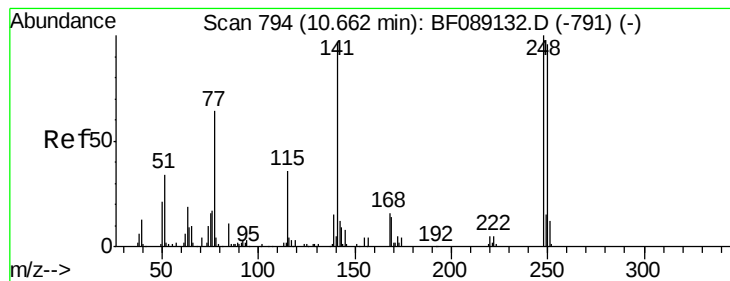
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF089171.D
 Acq: 21 Jul 2016 10:45

Tgt Ion:188 Resp: 196698
 Ion Ratio Lower Upper
 188 100
 94 11.9 7.0 10.4#
 80 14.0 7.7 11.5#



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: 2.79 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.25 min

Lab File: BF089171.D

Acq: 21 Jul 2016 10:45

Instrument :

BNA_F

ClientSampled :

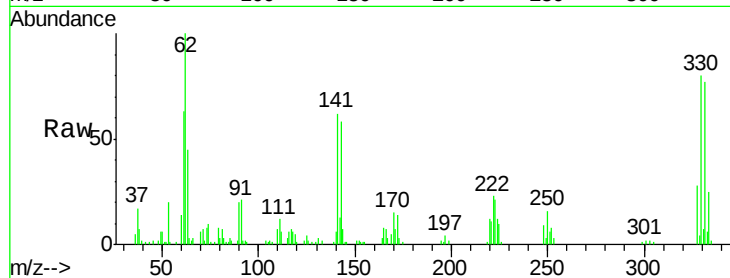
Tot Ion:248 Resp: 5422

Ion Ratio Lower Upper

248 100

250 188.0 76.9 115.3#

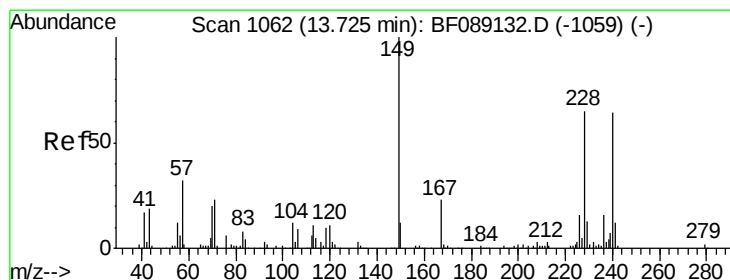
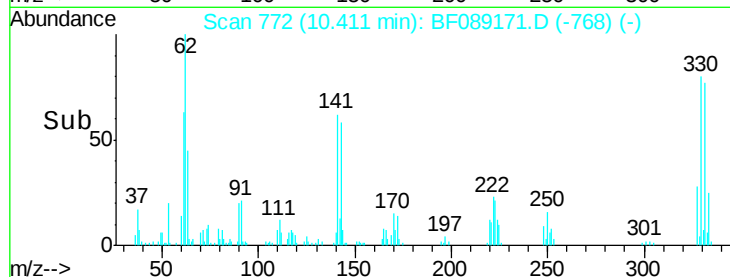
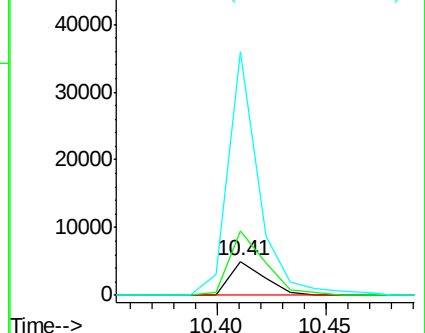
141 712.9 77.4 116.2#



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: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089171.D

Acq: 21 Jul 2016 10:45

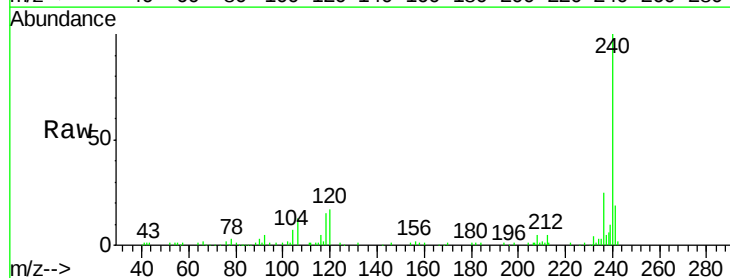
Tgt Ion:240 Resp: 127951

Ion Ratio Lower Upper

240 100

120 16.8 13.6 20.4

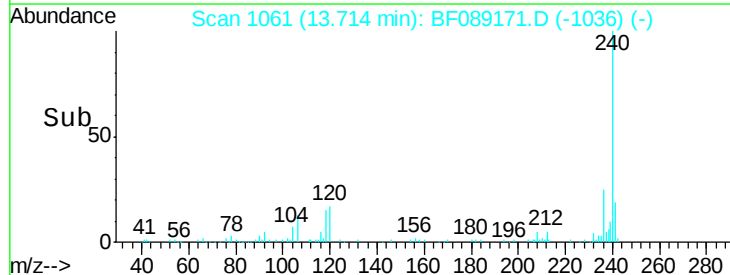
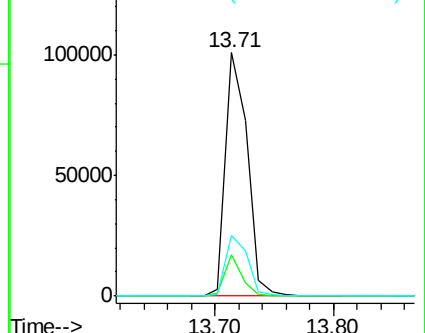
236 25.1 20.5 30.7

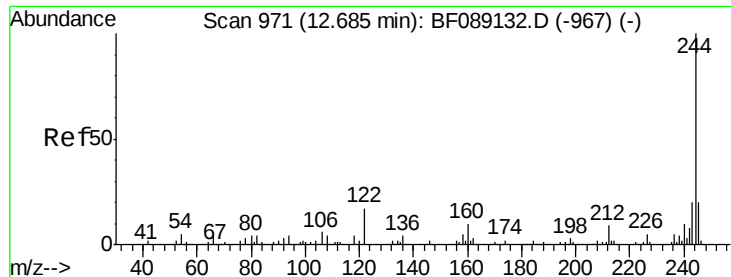


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

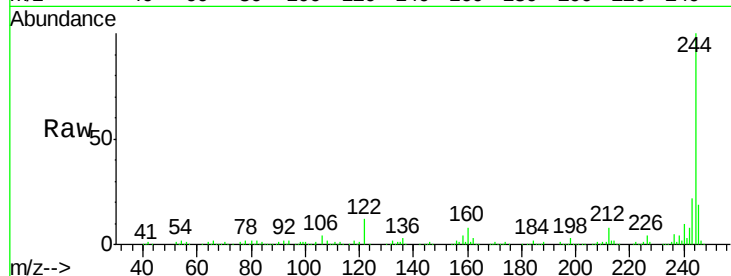




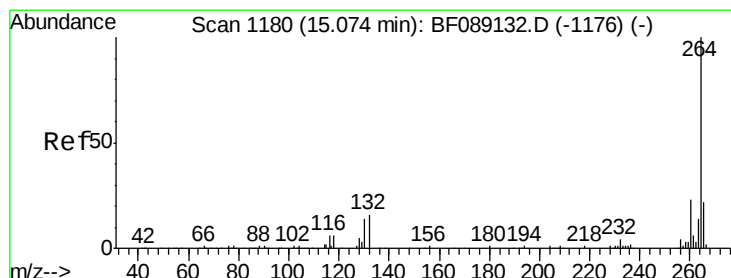
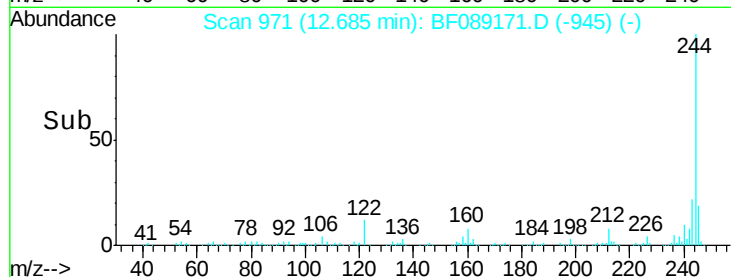
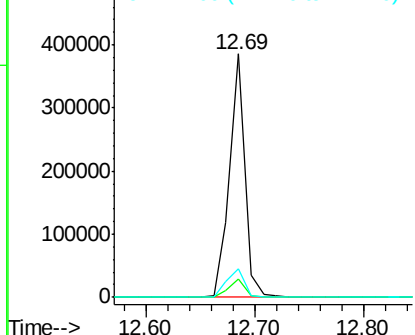
#78
 Terphenyl-d14
 Concen: 64.28 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF089171.D
 Acq: 21 Jul 2016 10:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 379191
 Ion Ratio Lower Upper
 244 100
 212 7.7 7.0 10.4
 122 11.8 13.8 20.8#

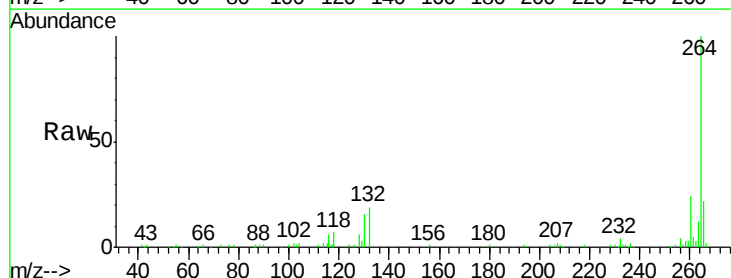


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF089171.D
 Acq: 21 Jul 2016 10:45

Tgt Ion:264 Resp: 96129
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.5 27.7
 265 22.1 17.3 25.9



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

