

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
 Data File : BF089170.D
 Acq On : 21 Jul 2016 10:15
 Operator : UM/SJ
 Sample : H4073-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 21 16:06:42 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

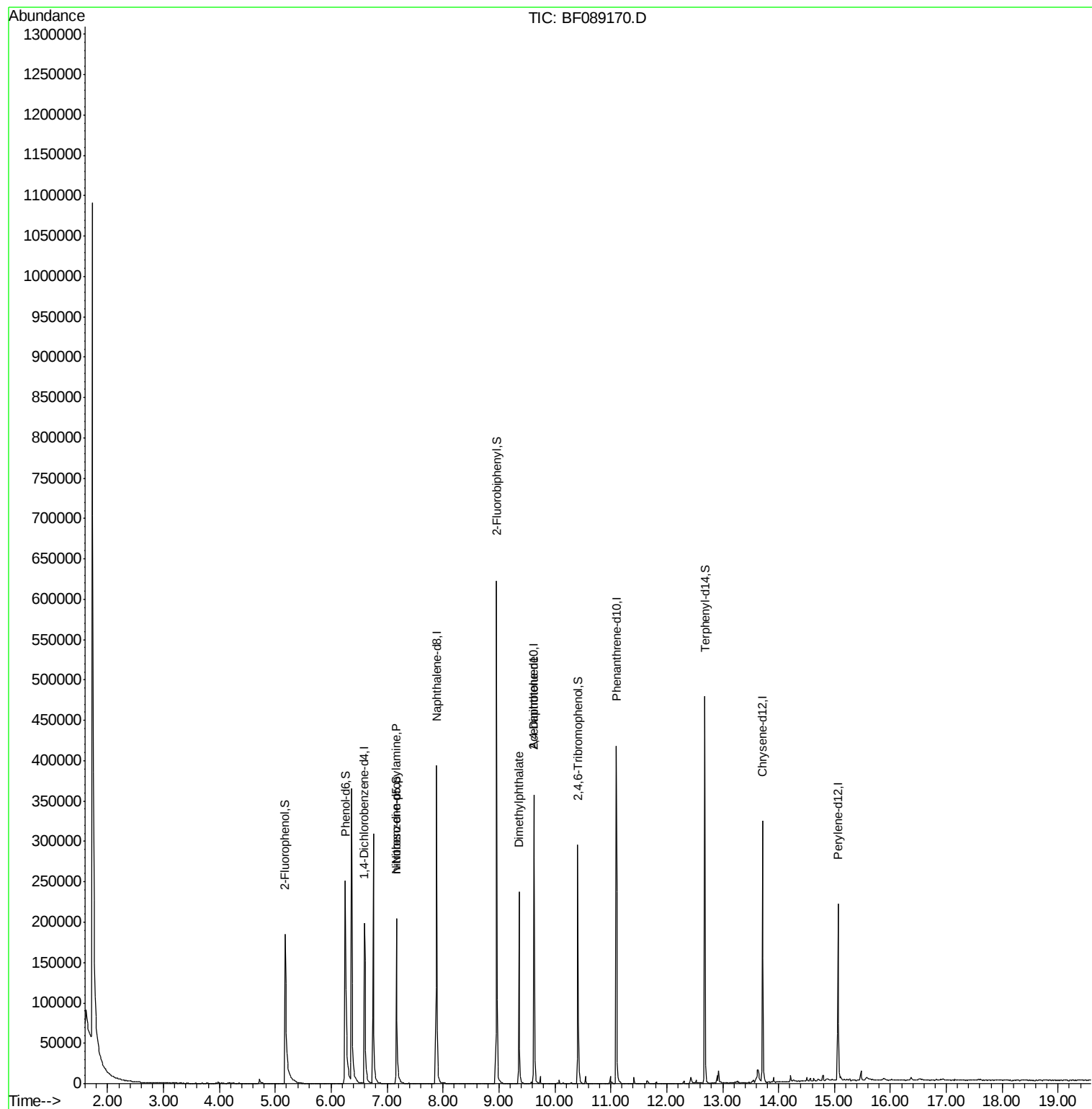
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	50545	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	221960	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	100953	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	197731	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	125094	20.00	ng	-0.01
86) Perylene-d12	15.06	264	90383	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	115773	34.84	ng	-0.01
7) Phenol-d6	6.25	99	148715	34.70	ng	-0.02
23) Nitrobenzene-d5	7.16	82	94717	22.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	33400	36.75	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	204589	27.92	ng	-0.01
78) Terphenyl-d14	12.69	244	213579	37.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	11588	4.13	ng	# 80
49) Dimethylphthalate	9.36	163	101815	13.14	ng	99
56) 2,4-Dinitrotoluene	9.62	165	12764	5.67	ng	# 10

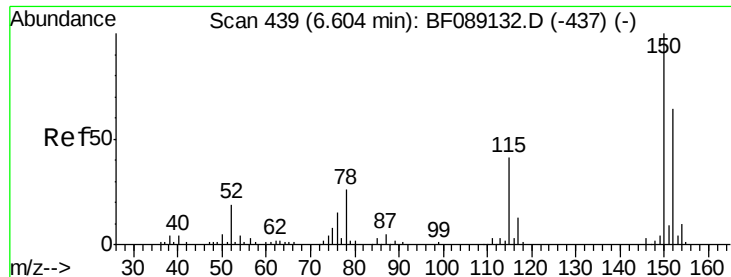
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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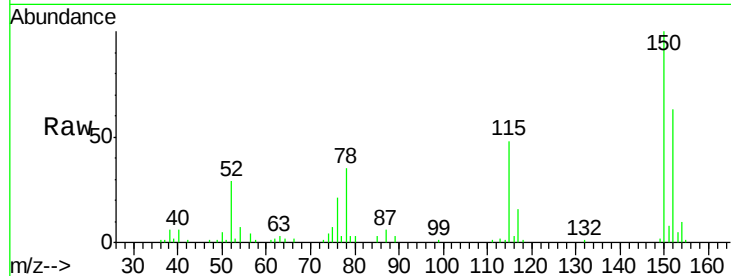


#1

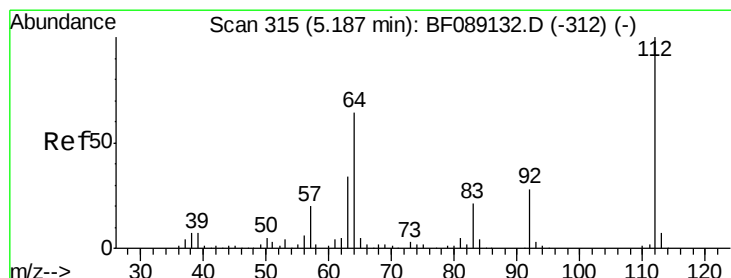
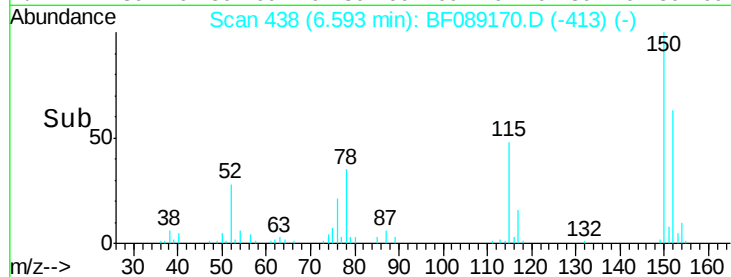
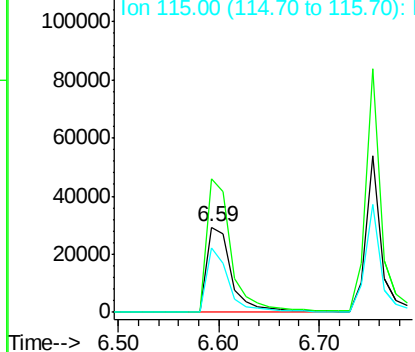
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF089170.D
Acq: 21 Jul 2016 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 50545
Ion Ratio Lower Upper
152 100
150 157.8 125.1 187.7
115 76.0 51.1 76.7



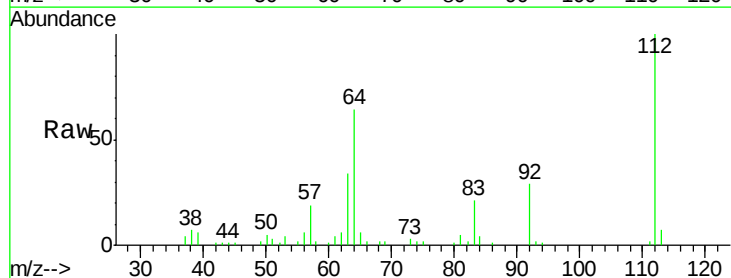
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



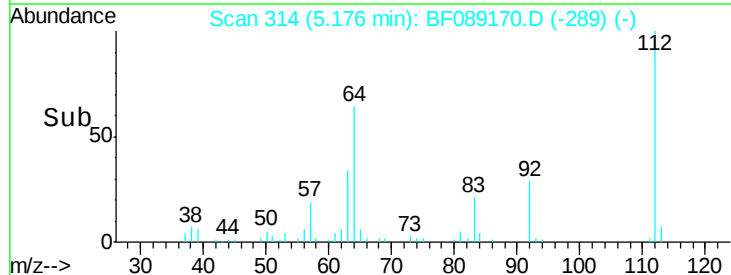
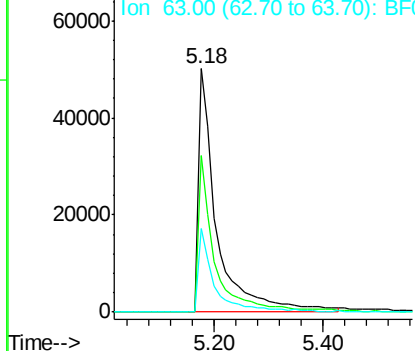
#5

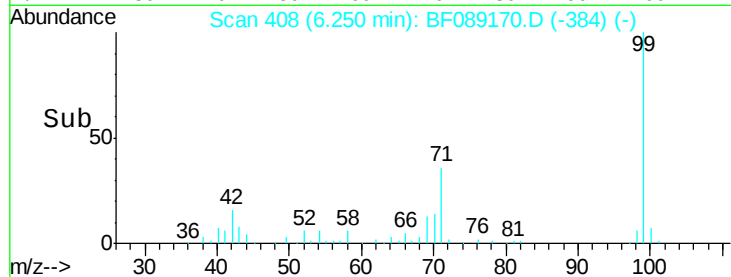
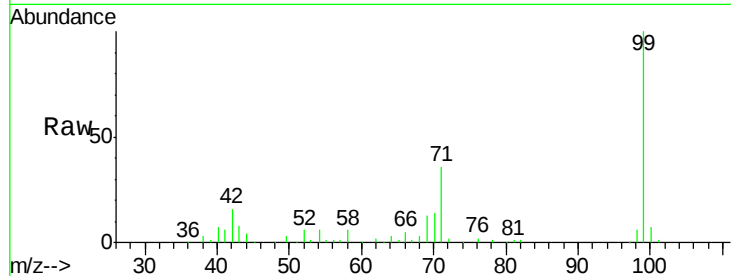
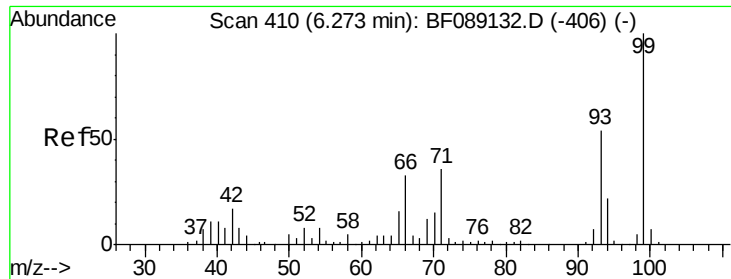
2-Fluorophenol
Concen: 34.84 ng
RT: 5.18 min Scan# 314
Delta R.T. -0.01 min
Lab File: BF089170.D
Acq: 21 Jul 2016 10:15

Tgt Ion:112 Resp: 115773
Ion Ratio Lower Upper
112 100
64 64.2 51.0 76.4
63 34.2 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: 34.70 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF089170.D

Acq: 21 Jul 2016 10:15

Instrument :

BNA_F

ClientSampleId :

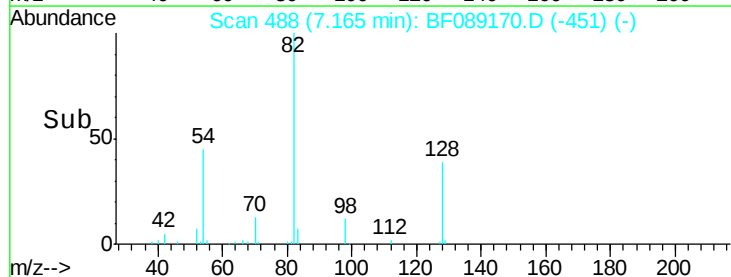
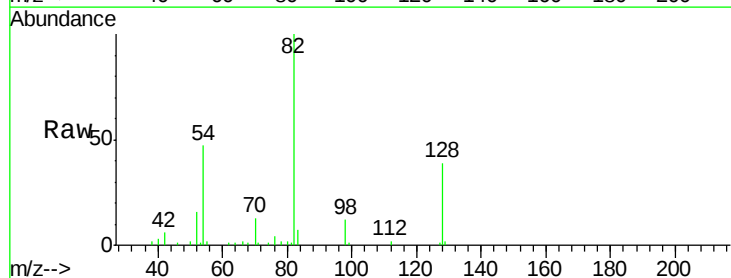
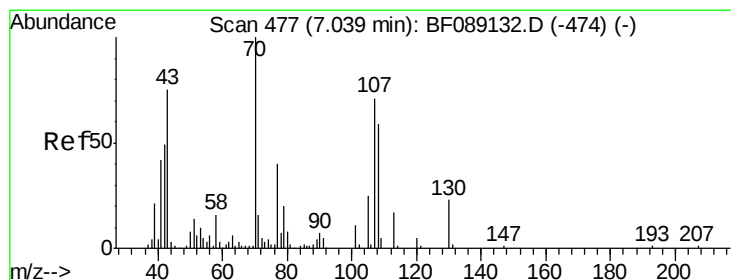
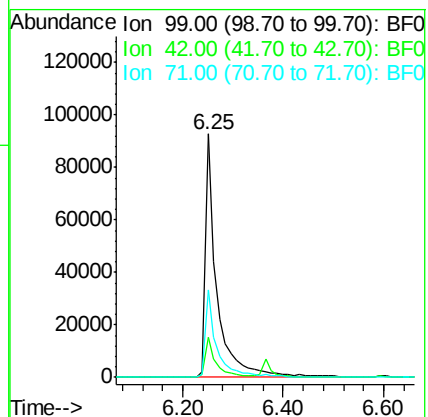
Tot Ion: 99 Resp: 148715

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

71 35.9 28.9 43.3



#19

n-Nitroso-di-n-propylamine

Concen: 4.13 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.13 min

Lab File: BF089170.D

Acq: 21 Jul 2016 10:15

Tgt Ion: 70 Resp: 11588

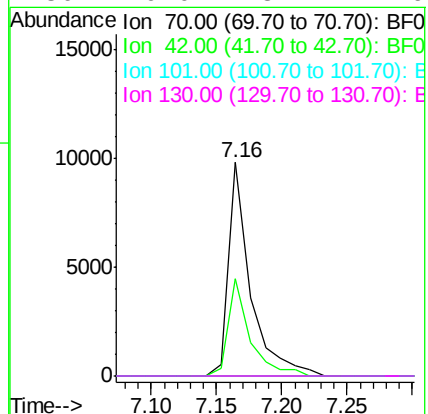
Ion Ratio Lower Upper

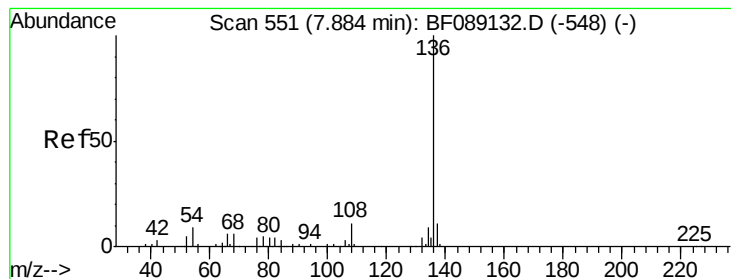
70 100

42 45.3 39.2 58.8

101 0.0 8.5 12.7#

130 0.0 18.4 27.6#

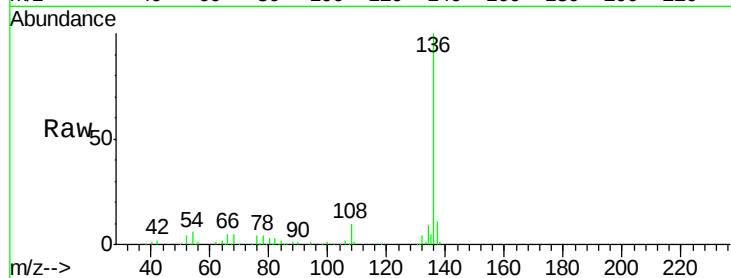




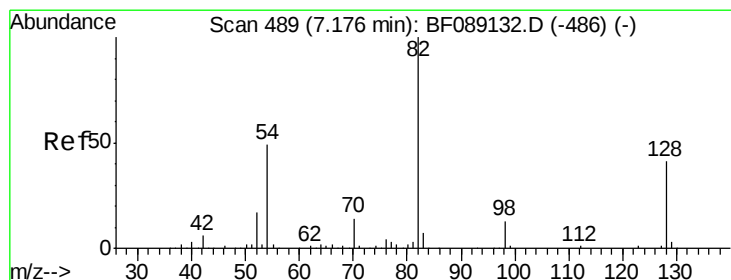
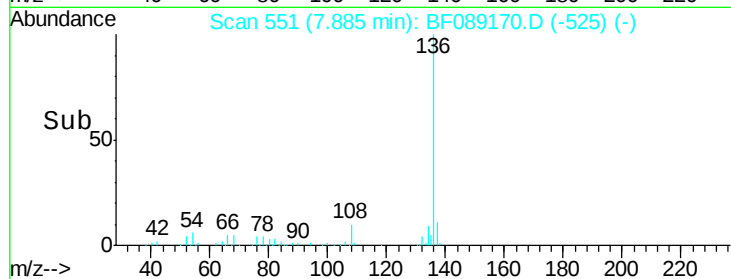
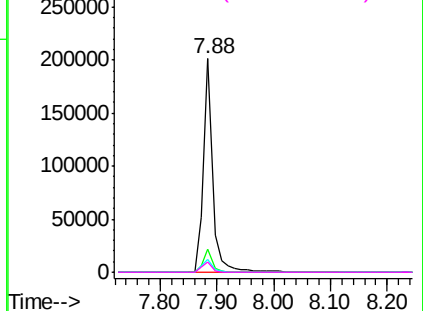
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF089170.D
Acq: 21 Jul 2016 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	221960
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	6.3	7.0 10.4#
68	5.0	5.0 7.6#

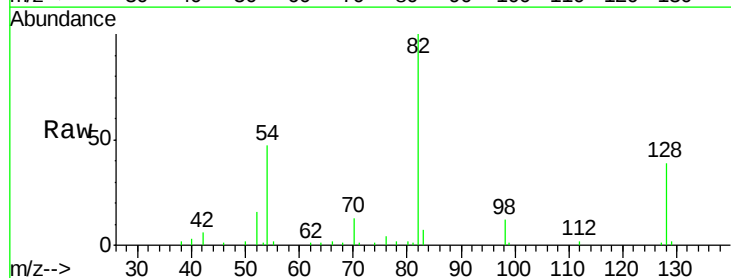


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

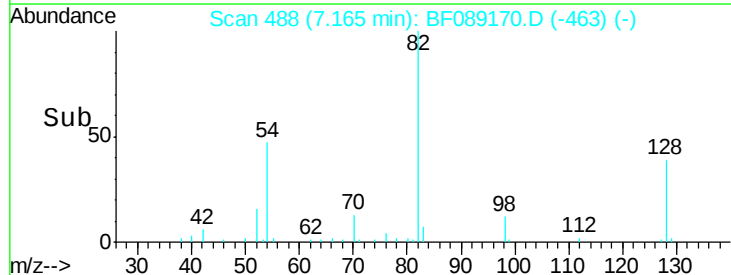
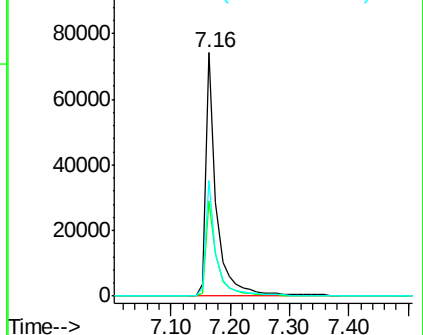


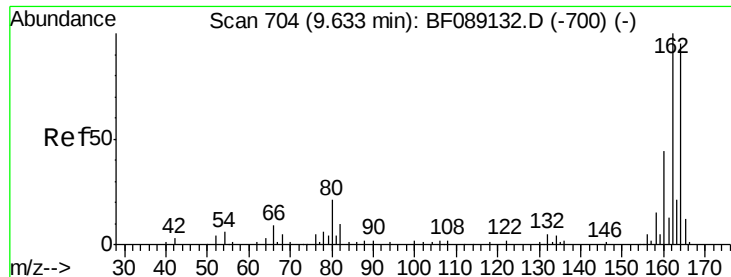
#23
Nitrobenzene-d5
Concen: 22.67 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF089170.D
Acq: 21 Jul 2016 10:15

Tgt Ion: 82	Resp:	94717
Ion Ratio	Lower	Upper
82	100	
128	39.2	33.0 49.6
54	47.2	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: BF089170.D

Acq: 21 Jul 2016 10:15

Instrument :

BNA_F

ClientSampleId :

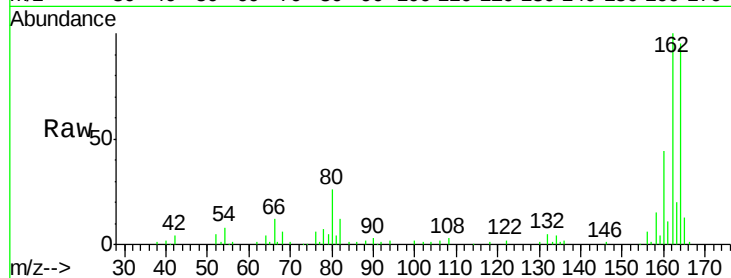
Tot Ion:164 Resp: 100953

Ion Ratio Lower Upper

164 100

162 105.0 84.1 126.1

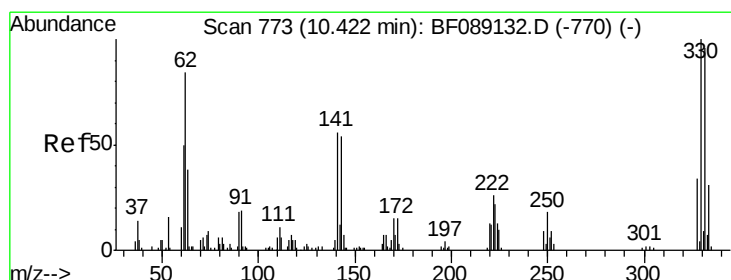
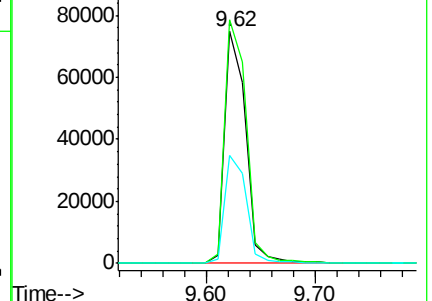
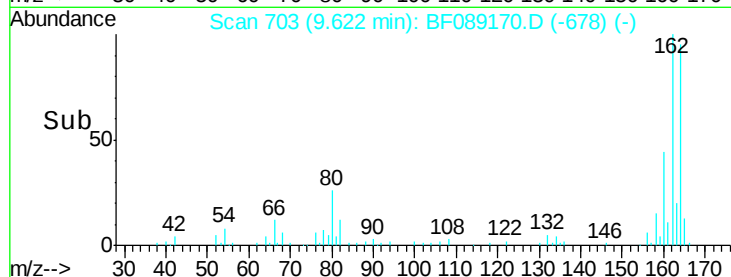
160 46.4 37.1 55.7



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: 36.75 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF089170.D

Acq: 21 Jul 2016 10:15

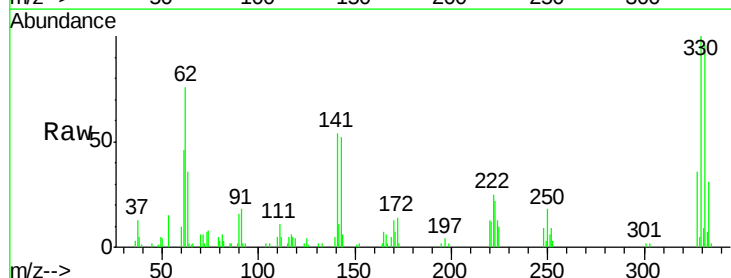
Tgt Ion:330 Resp: 33400

Ion Ratio Lower Upper

330 100

332 98.3 77.2 115.8

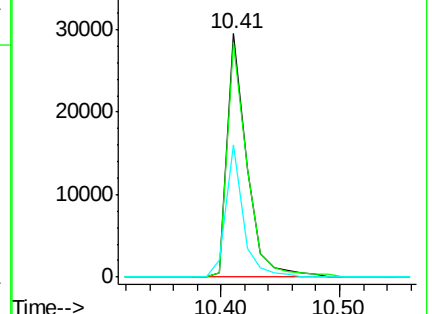
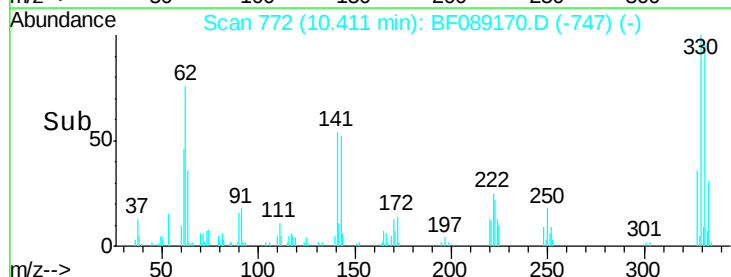
141 48.5 42.2 63.2

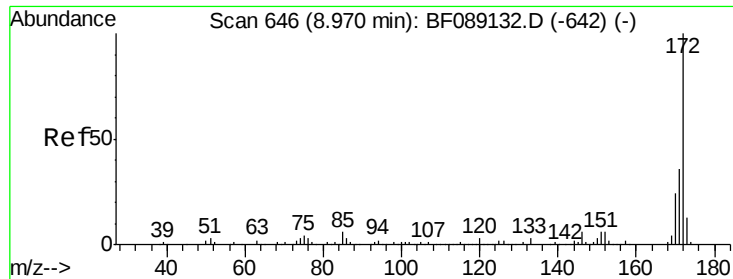


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



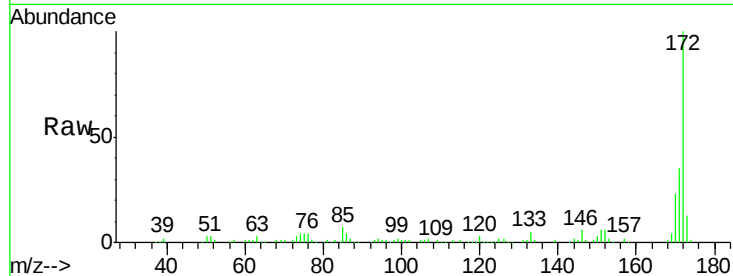


#44
 2-Fluorobiphenyl
 Concen: 27.92 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089170.D
 Acq: 21 Jul 2016 10:15

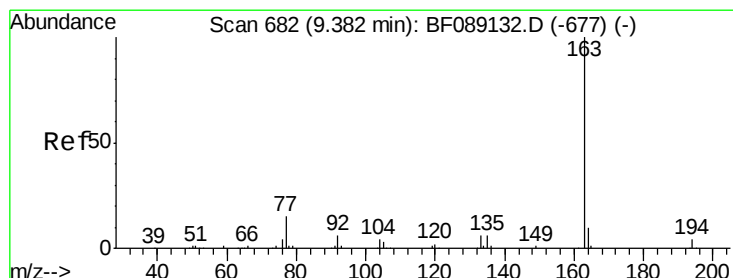
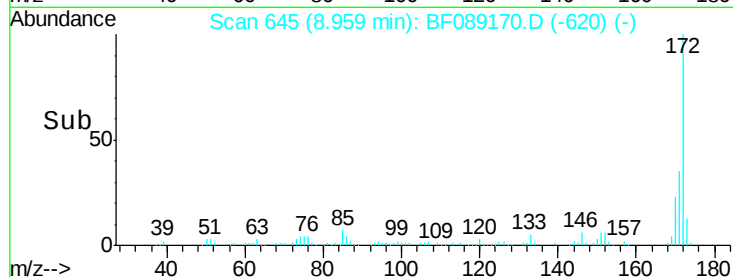
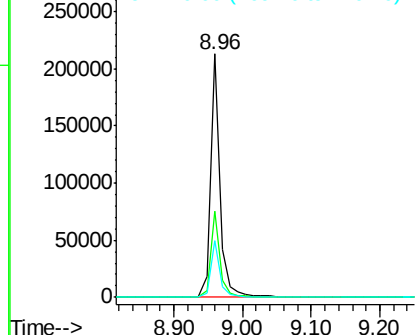
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 204589

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.2	43.8
170	23.2	19.1	28.7



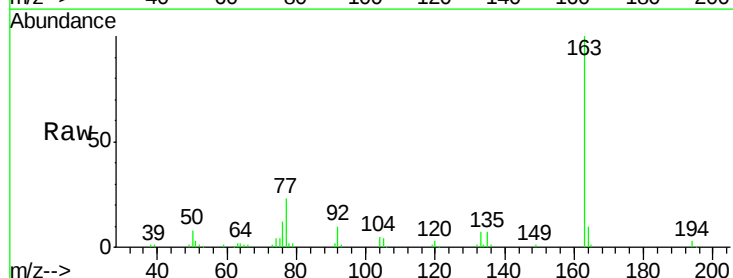
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



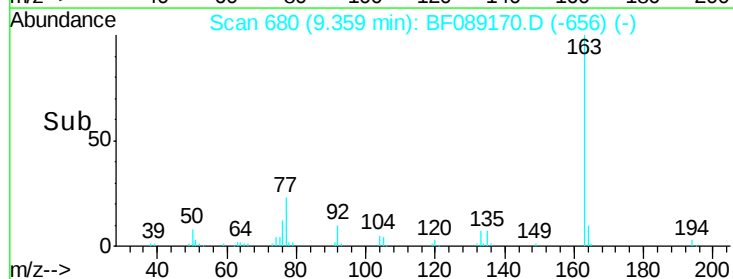
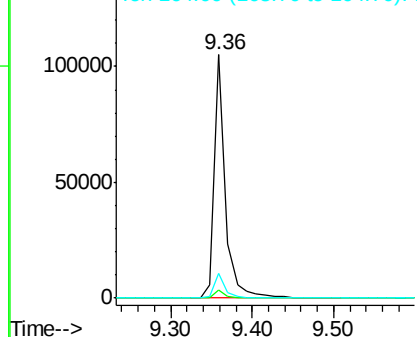
#49
 Dimethylphthalate
 Concen: 13.14 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.02 min
 Lab File: BF089170.D
 Acq: 21 Jul 2016 10:15

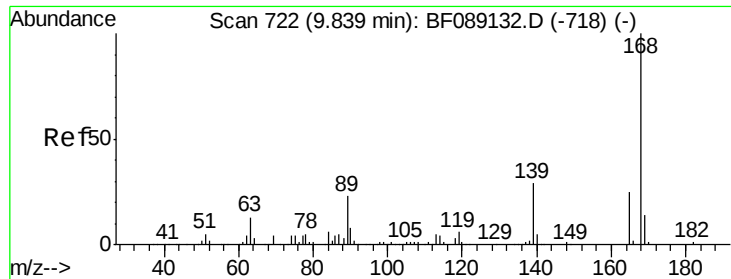
Tgt Ion:163 Resp: 101815

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.9	4.3
164	10.0	7.6	11.4



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

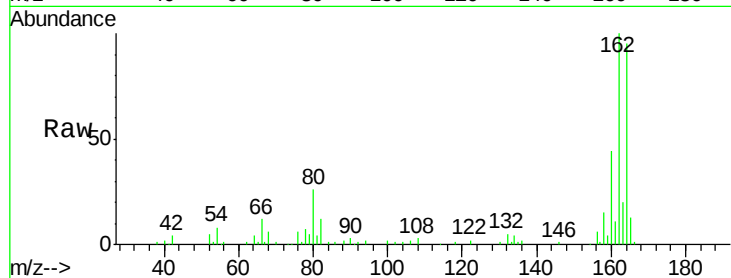




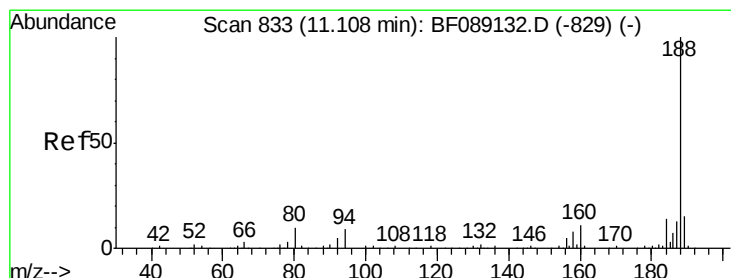
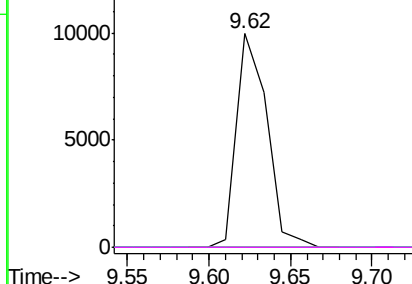
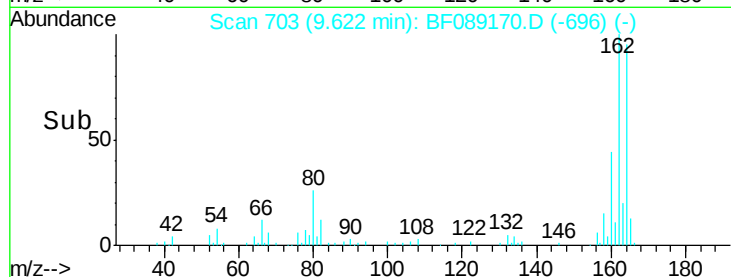
#56
 2,4-Dinitrotoluene
 Concen: 5.67 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.22 min
 Lab File: BF089170.D
 Acq: 21 Jul 2016 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 12764
 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#

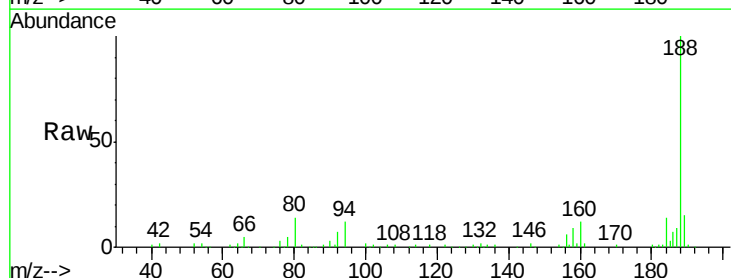


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

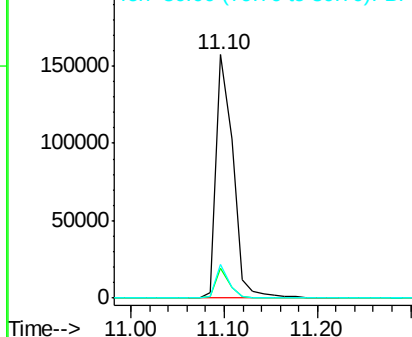
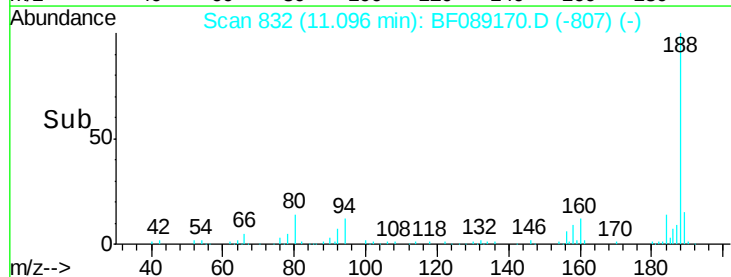


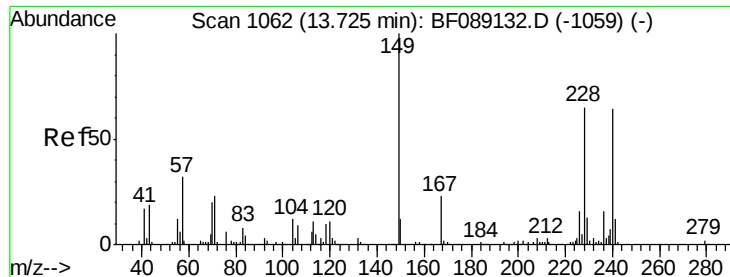
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF089170.D
 Acq: 21 Jul 2016 10:15

Tgt Ion:188 Resp: 197731
 Ion Ratio Lower Upper
 188 100
 94 12.0 7.0 10.4#
 80 14.1 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089170.D

Acq: 21 Jul 2016 10:15

Instrument :

BNA_F

ClientSampled :

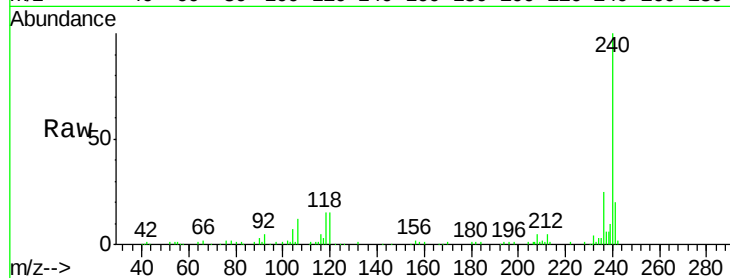
Tot Ion:240 Resp: 125094

Ion Ratio Lower Upper

240 100

120 14.9 13.6 20.4

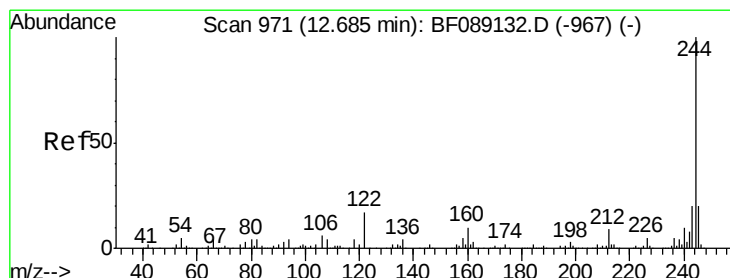
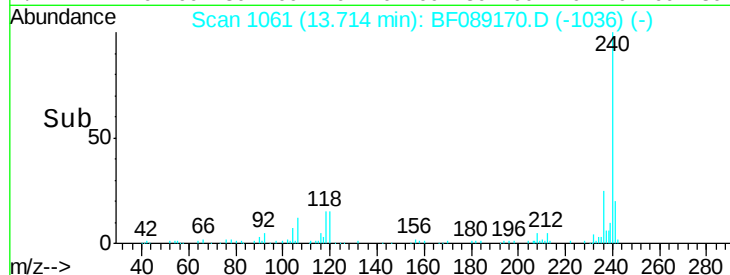
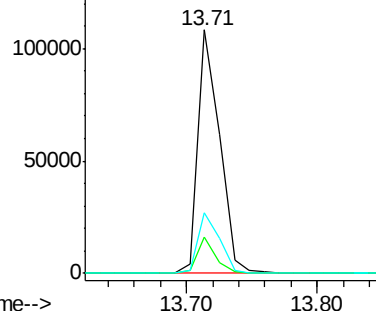
236 24.9 20.5 30.7



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: 37.03 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089170.D

Acq: 21 Jul 2016 10:15

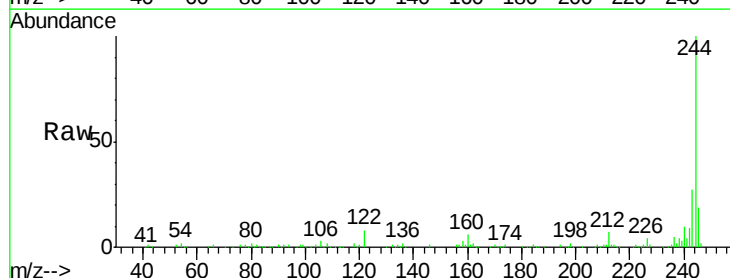
Tgt Ion:244 Resp: 213579

Ion Ratio Lower Upper

244 100

212 7.2 7.0 10.4

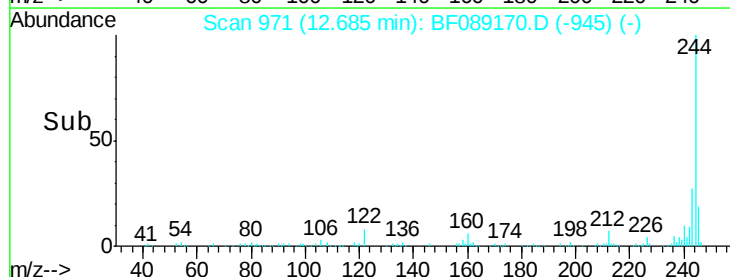
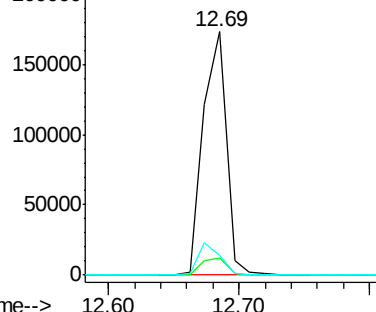
122 8.0 13.8 20.8#

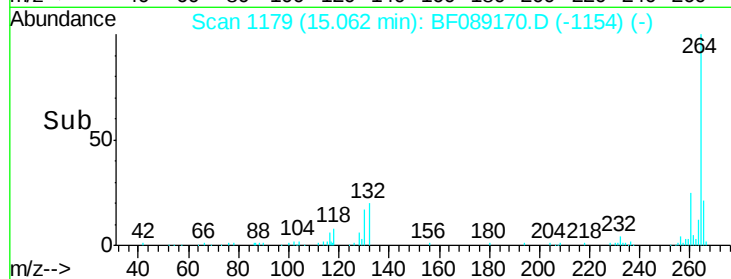
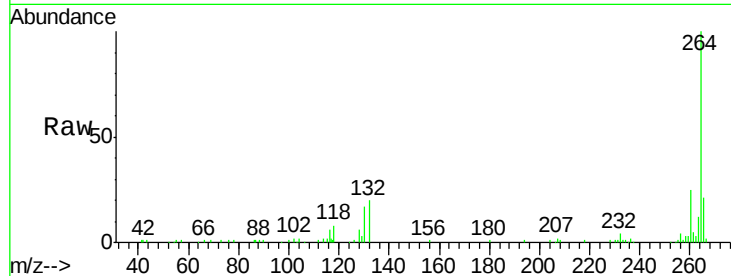
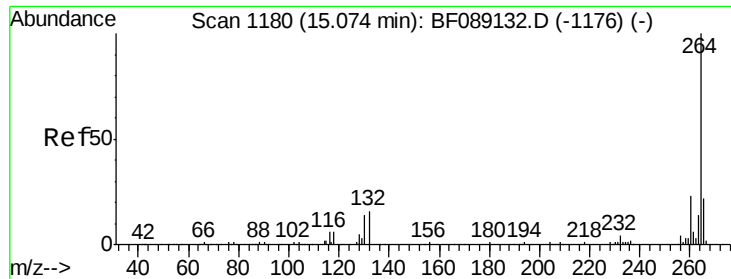


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF089170.D
Acq: 21 Jul 2016 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.5	27.7
265	21.2	17.3	25.9

