

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089209.D
 Acq On : 22 Jul 2016 23:32
 Operator : UM/SJ
 Sample : H4152-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-7.5-8.5

Quant Time: Jul 25 00:55:20 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

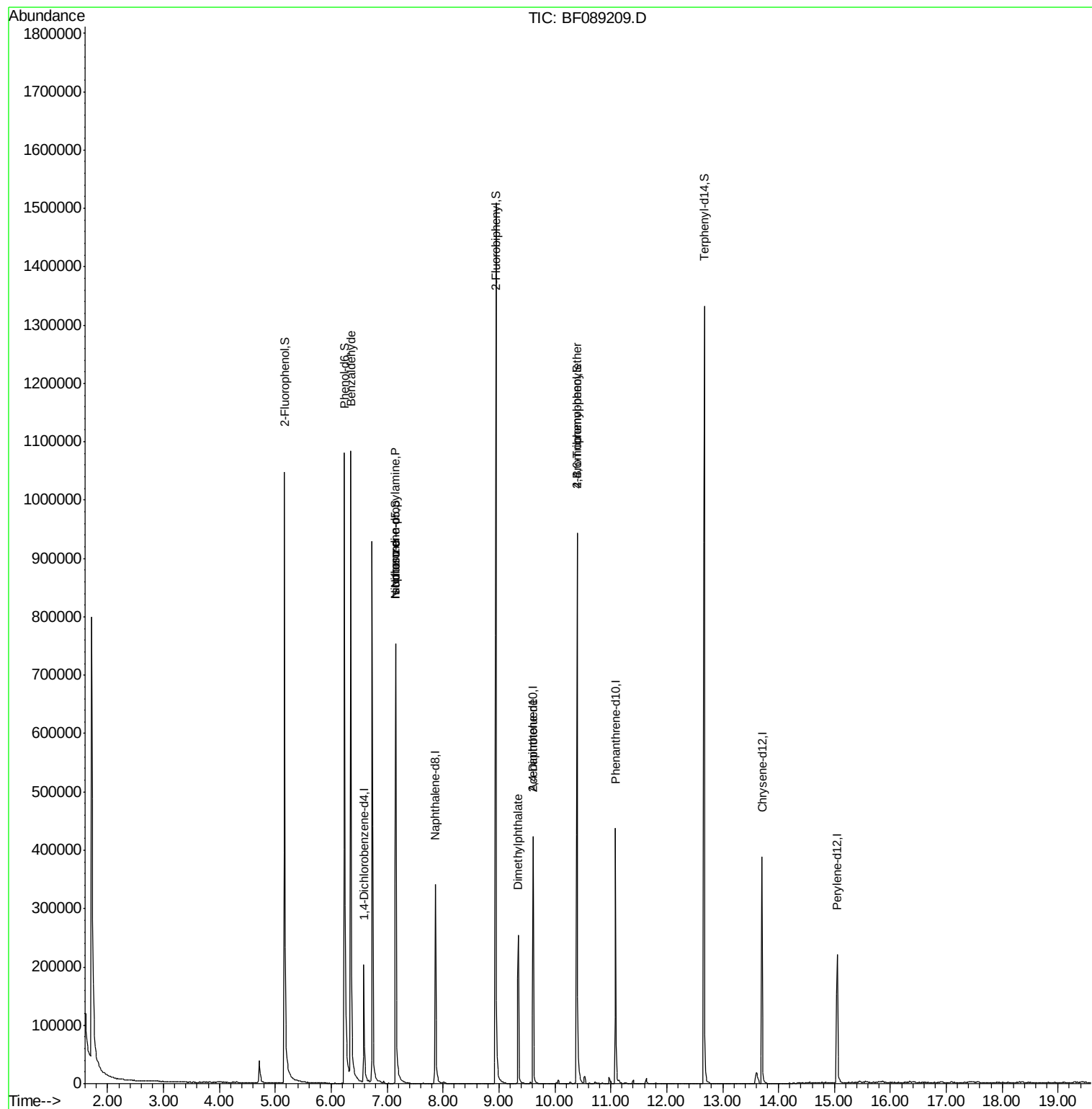
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	45229	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	194710	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	95045	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	190316	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	144023	20.00	ng	-0.02
86) Perylene-d12	15.05	264	113308	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	411921	138.51	ng	-0.02
7) Phenol-d6	6.24	99	540768	141.01	ng	-0.03
23) Nitrobenzene-d5	7.15	82	359091	97.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	119065	139.14	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	617926	89.58	ng	-0.02
78) Terphenyl-d14	12.67	244	553384	83.34	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.35	77	10220	3.83	ng	85
19) n-Nitroso-di-n-propylamine	7.15	70	47179	18.81	ng	# 79
25) Isophorone	7.15	82	277954	41.15	ng	# 66
49) Dimethylphthalate	9.35	163	158968	21.80	ng	100
56) 2,4-Dinitrotoluene	9.61	165	11963	5.64	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	9102	4.83	ng	# 1

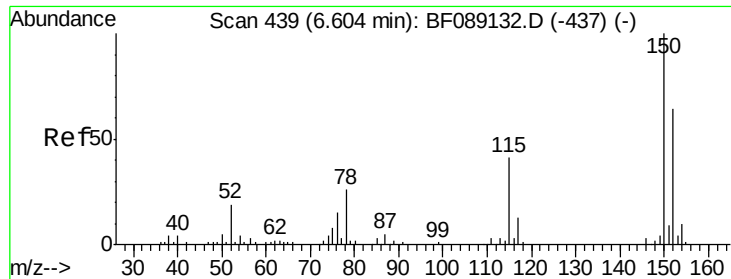
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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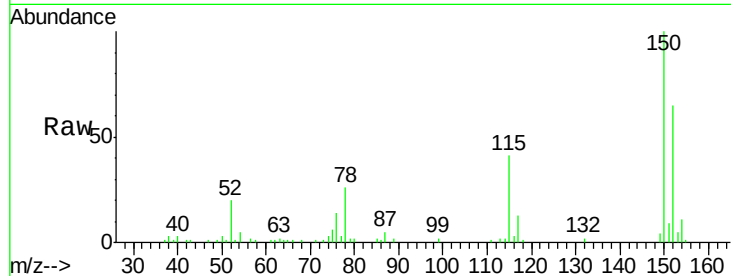


#1

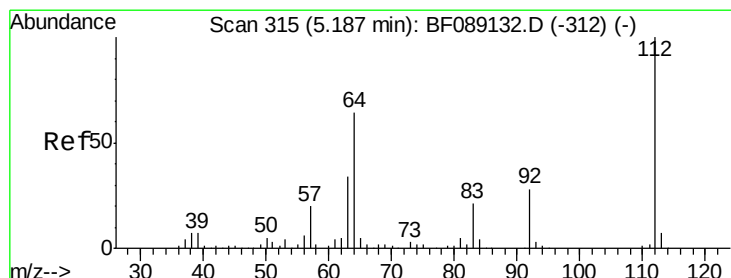
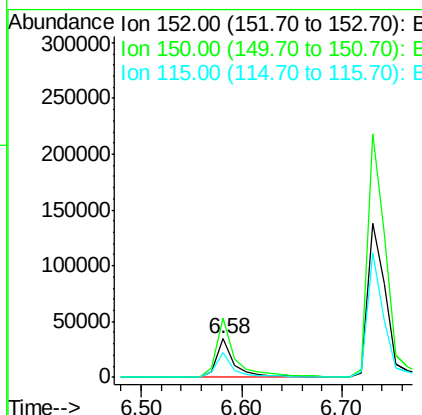
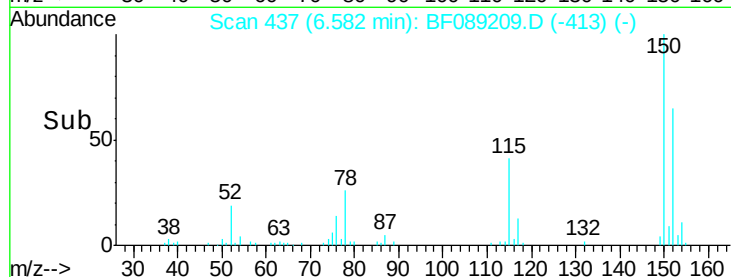
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF089209.D
Acq: 22 Jul 2016 23:32

Instrument :
BNA_F
ClientSampleId :
SB-16-7.5-8.5

Tgt Ion:152 Resp: 45229
Ion Ratio Lower Upper
152 100
150 154.2 125.1 187.7
115 63.4 51.1 76.7



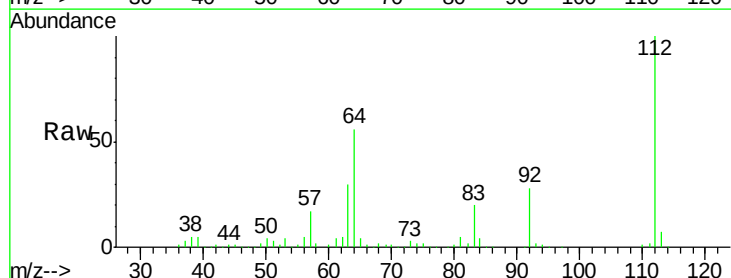
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



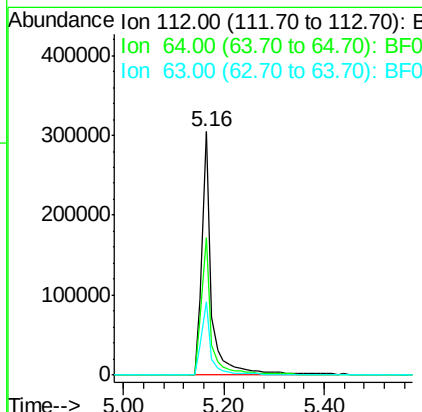
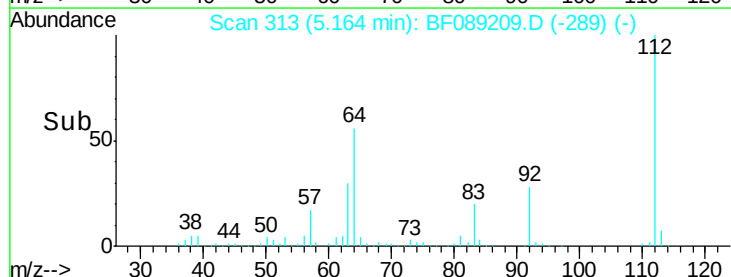
#5

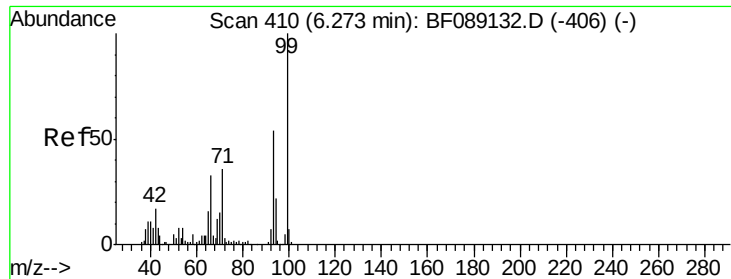
2-Fluorophenol
Concen: 138.51 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.02 min
Lab File: BF089209.D
Acq: 22 Jul 2016 23:32

Tgt Ion:112 Resp: 411921
Ion Ratio Lower Upper
112 100
64 56.4 51.0 76.4
63 30.2 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: 141.01 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089209.D

Acq: 22 Jul 2016 23:32

Instrument :

BNA_F

ClientSampleId :

SB-16-7.5-8.5

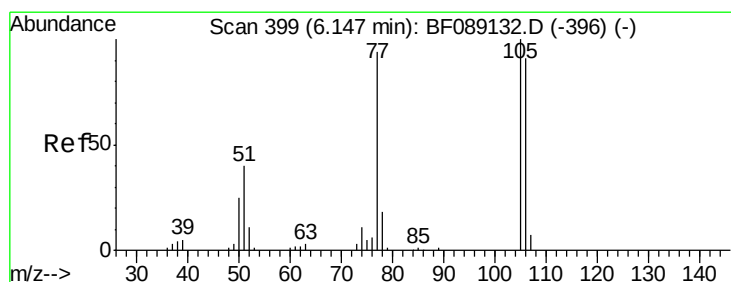
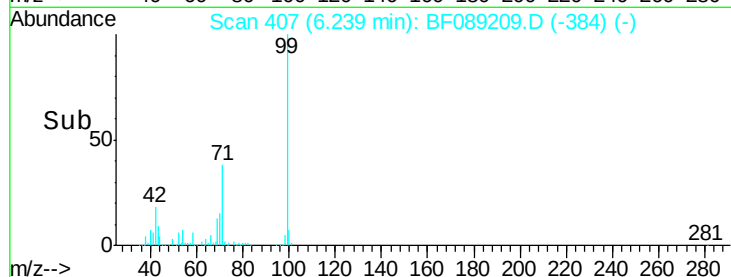
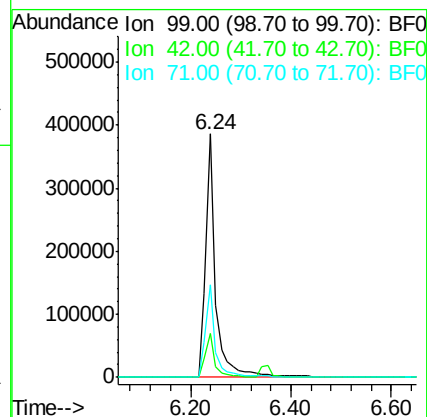
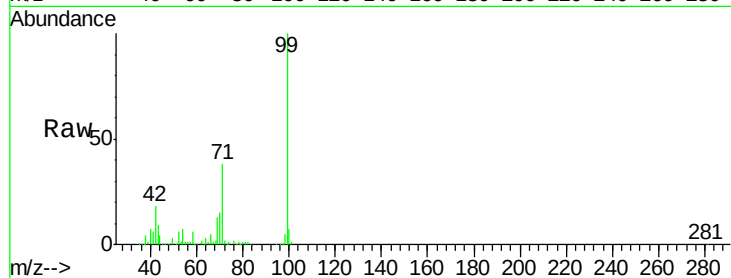
Tgt Ion: 99 Resp: 540768

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

71 38.1 28.9 43.3



#9

Benzaldehyde

Concen: 3.83 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.21 min

Lab File: BF089209.D

Acq: 22 Jul 2016 23:32

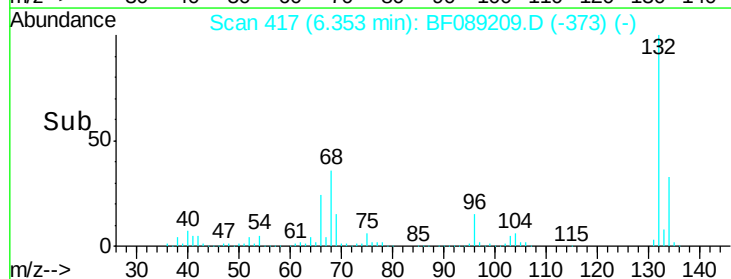
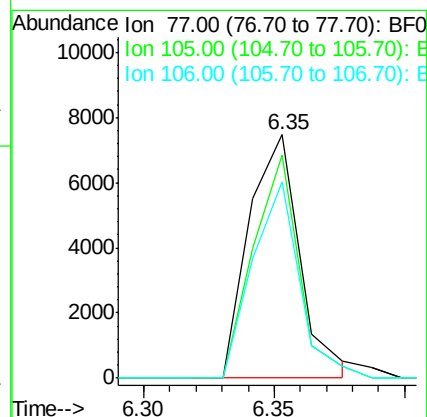
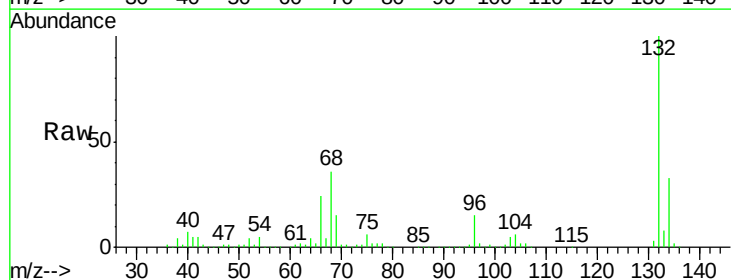
Tgt Ion: 77 Resp: 10220

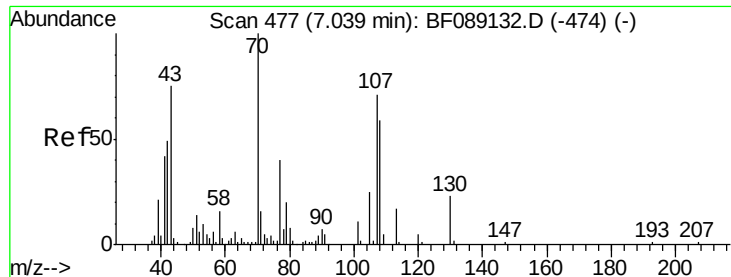
Ion Ratio Lower Upper

77 100

105 91.7 86.2 126.2

106 80.4 76.3 116.3

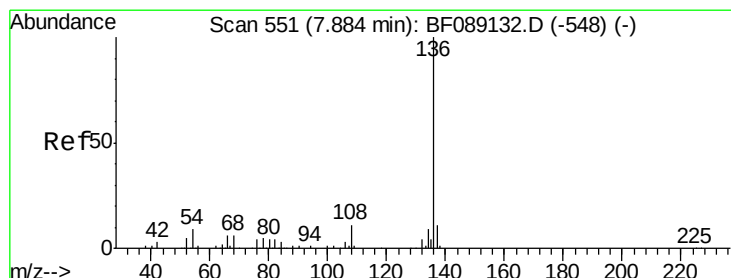
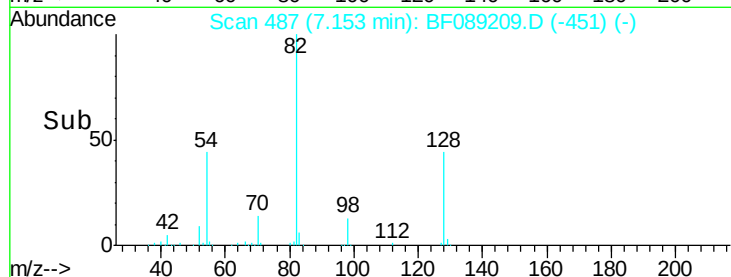
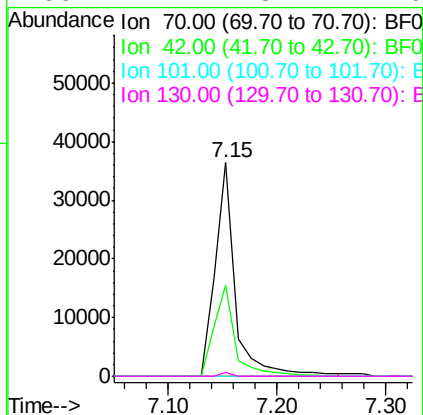
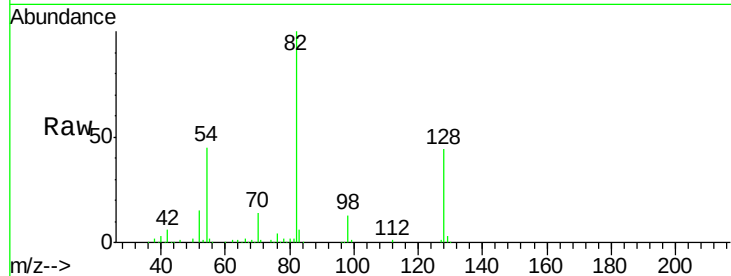




#19
n-Nitroso-di-n-propylamine
Concen: 18.81 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF089209.D
Acq: 22 Jul 2016 23:32

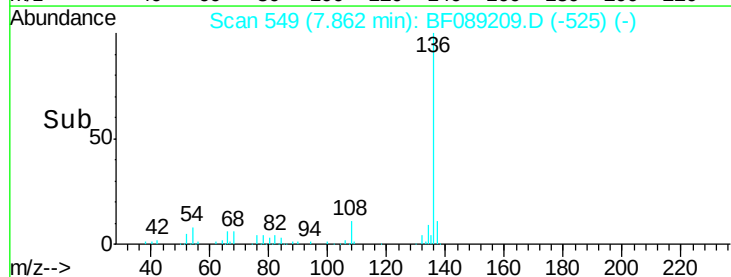
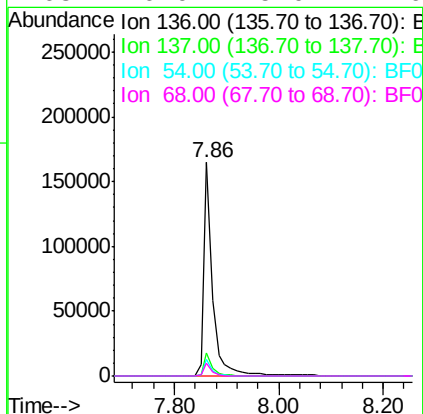
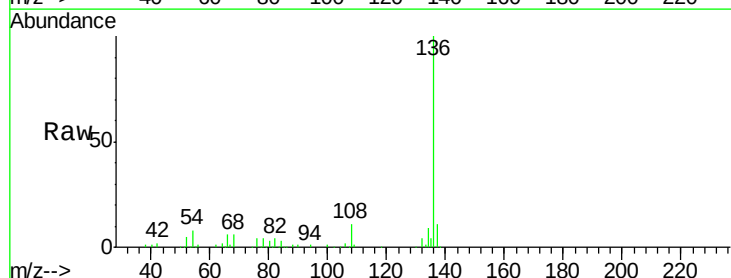
Instrument :
BNA_F
ClientSampleId :
SB-16-7.5-8.5

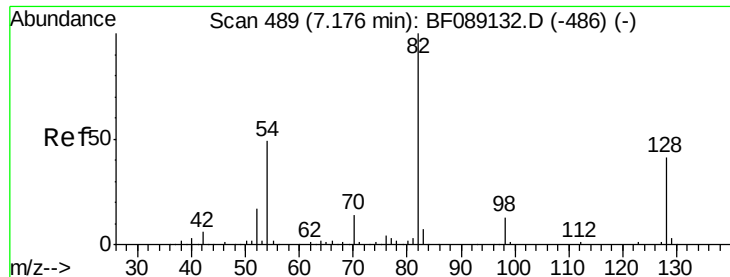
Tgt Ion: 70 Resp: 47179
Ion Ratio Lower Upper
70 100
42 42.6 39.2 58.8
101 0.0 8.5 12.7#
130 2.1 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF089209.D
Acq: 22 Jul 2016 23:32

Tgt Ion: 136 Resp: 194710
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.8 7.0 10.4
68 6.0 5.0 7.6

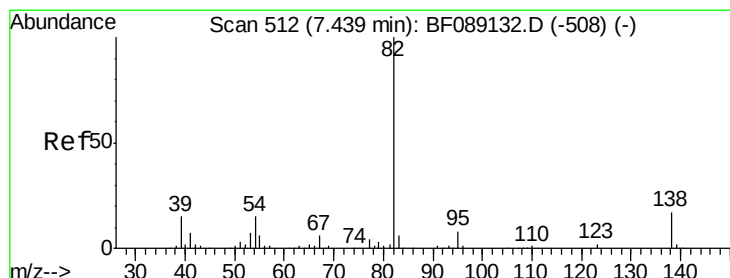
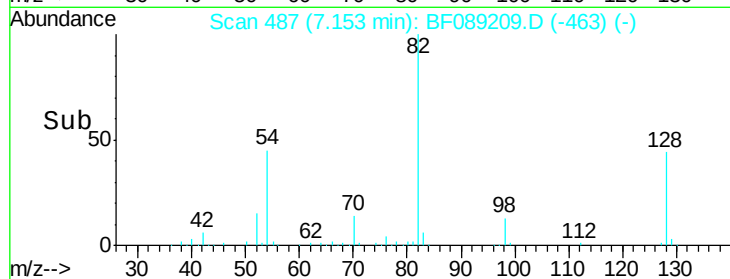
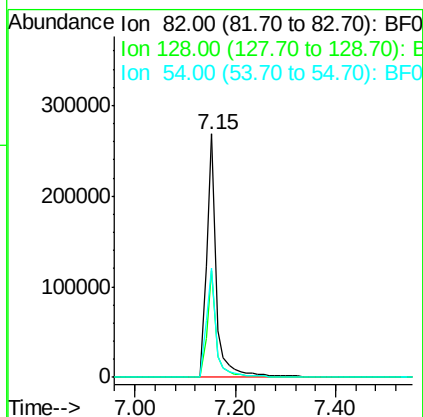
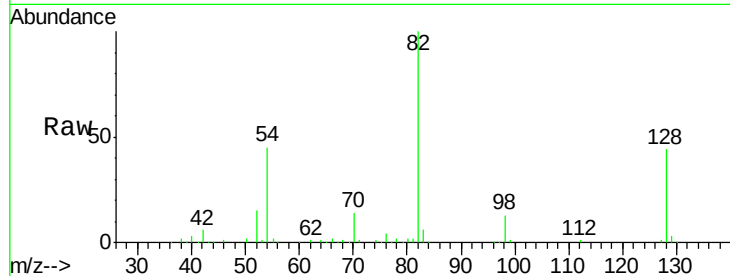




#23
 Nitrobenzene-d5
 Concen: 97.99 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089209.D
 Acq: 22 Jul 2016 23:32

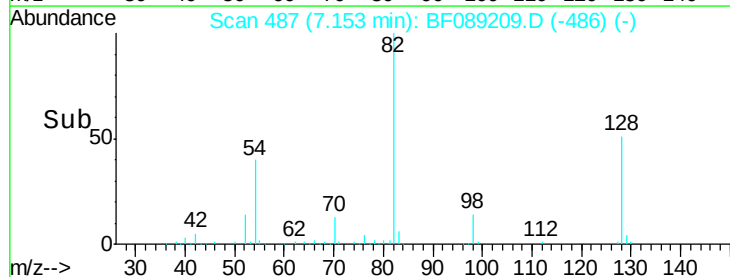
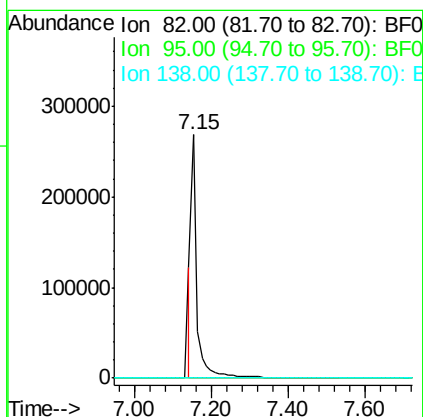
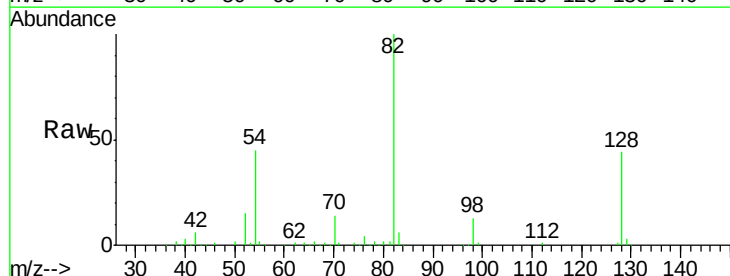
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-7.5-8.5

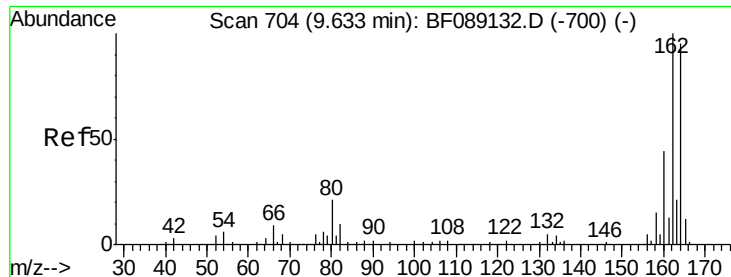
Tgt Ion: 82 Resp: 359091
 Ion Ratio Lower Upper
 82 100
 128 44.0 33.0 49.6
 54 45.0 39.0 58.4



#25
 Isophorone
 Concen: 41.15 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.29 min
 Lab File: BF089209.D
 Acq: 22 Jul 2016 23:32

Tgt Ion: 82 Resp: 277954
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.1 9.1#
 138 0.0 13.6 20.4#

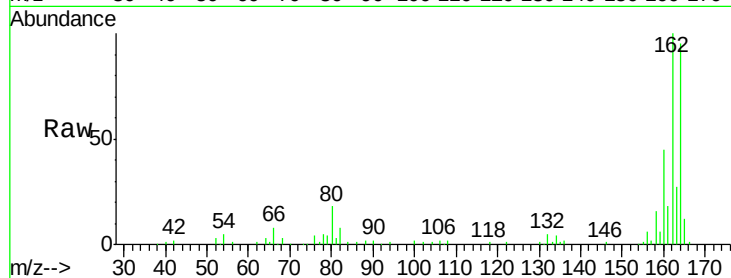




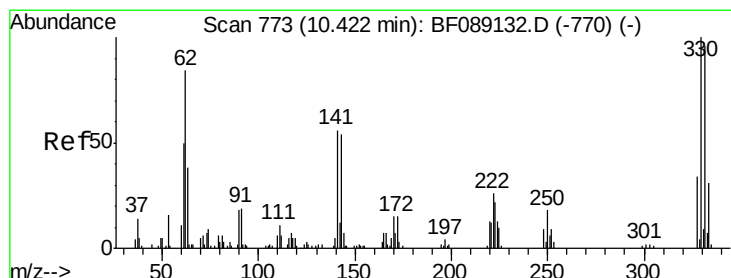
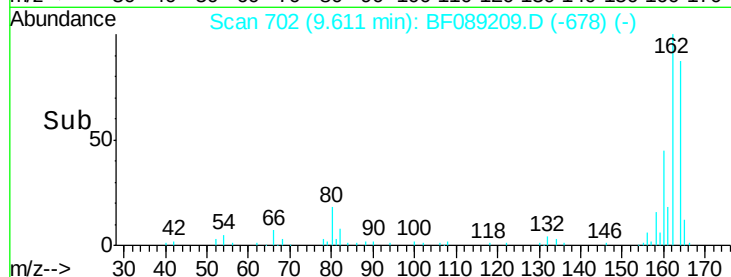
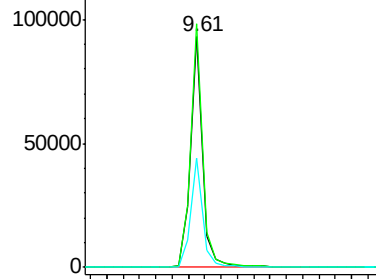
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF089209.D
Acq: 22 Jul 2016 23:32

Instrument :
BNA_F
ClientSampleId :
SB-16-7.5-8.5

Tgt Ion:164 Resp: 95045
Ion Ratio Lower Upper
164 100
162 105.6 84.1 126.1
160 47.5 37.1 55.7

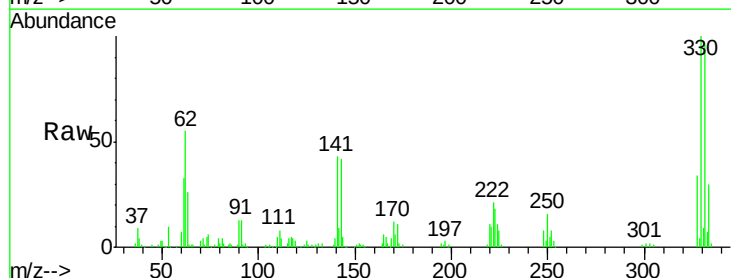


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

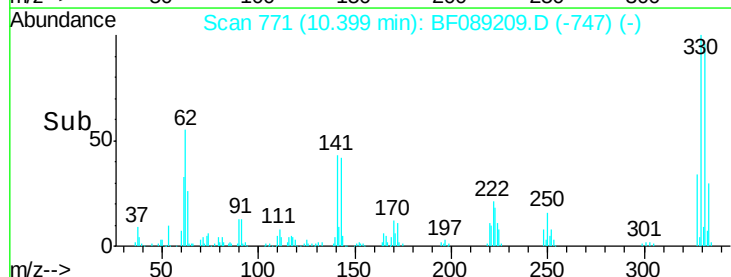
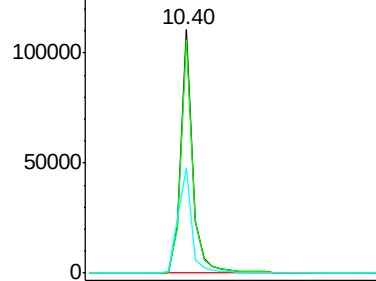


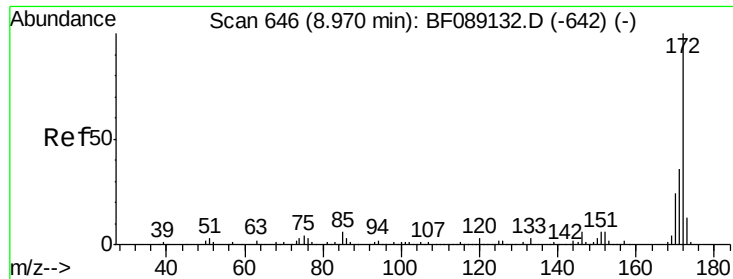
#41
2,4,6-Tribromophenol
Concen: 139.14 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF089209.D
Acq: 22 Jul 2016 23:32

Tgt Ion:330 Resp: 119065
Ion Ratio Lower Upper
330 100
332 96.1 77.2 115.8
141 49.1 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

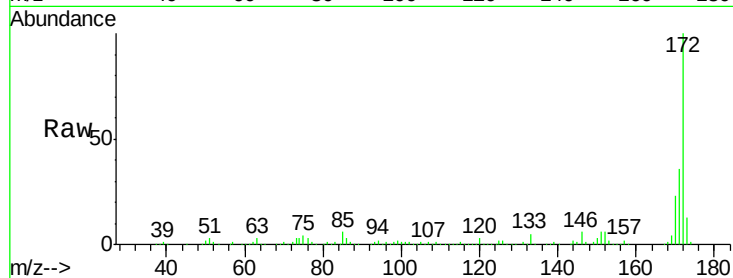




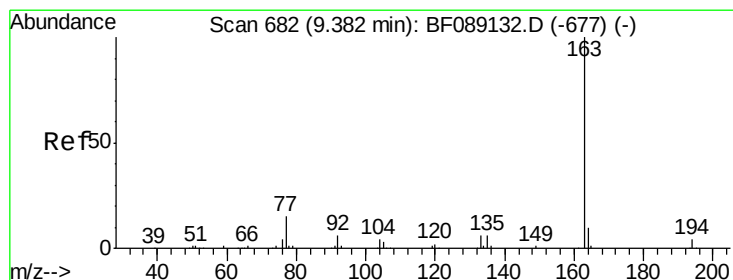
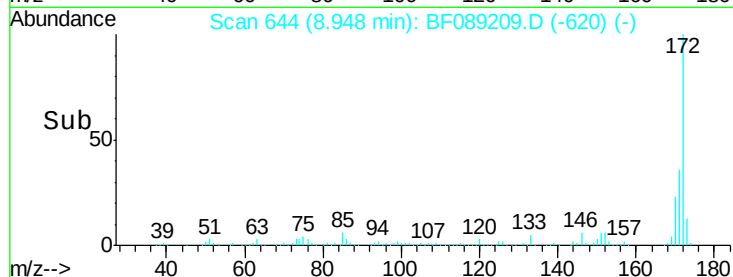
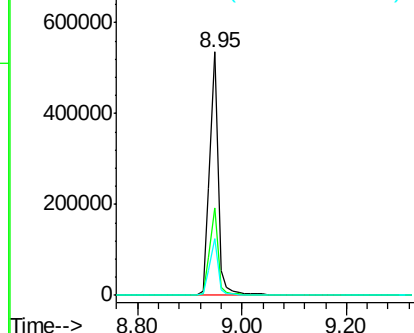
#44
 2-Fluorobiphenyl
 Concen: 89.58 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089209.D
 Acq: 22 Jul 2016 23:32

Instrument :
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 SB-16-7.5-8.5

Tgt Ion:172 Resp: 617926
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.3 19.1 28.7

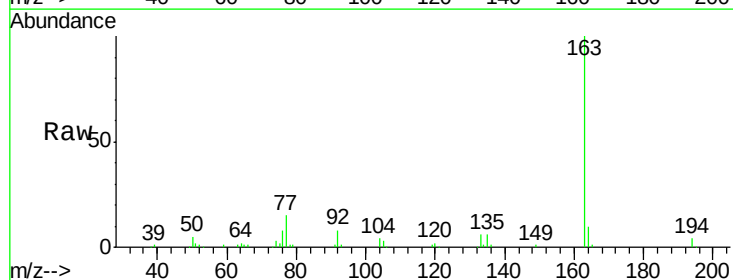


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

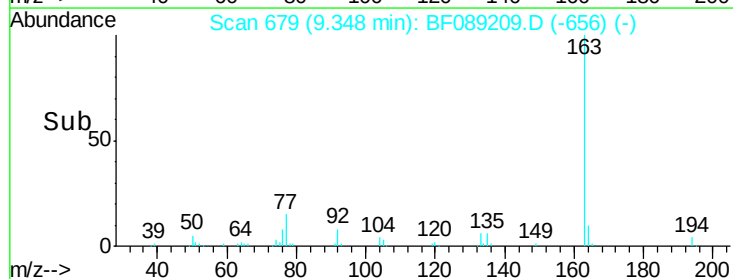
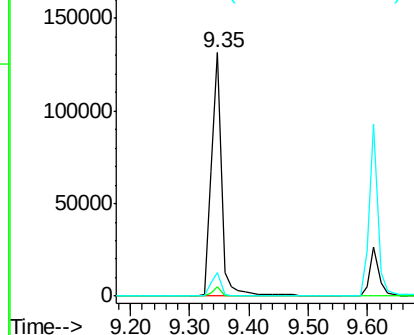


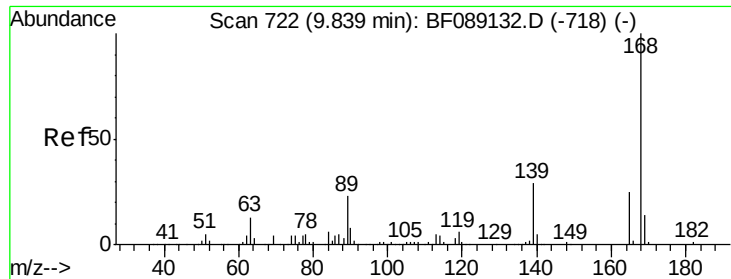
#49
 Dimethylphthalate
 Concen: 21.80 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.03 min
 Lab File: BF089209.D
 Acq: 22 Jul 2016 23:32

Tgt Ion:163 Resp: 158968
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.9 4.3
 164 9.7 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

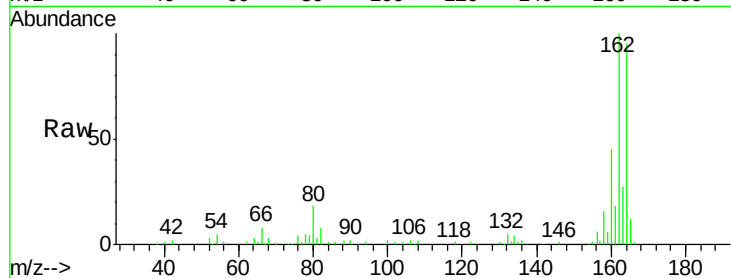




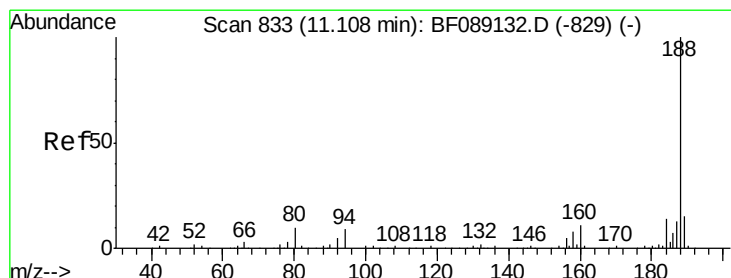
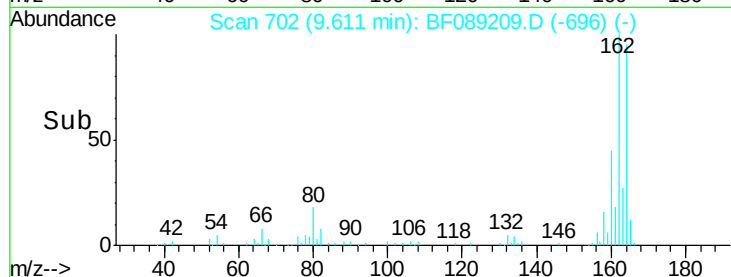
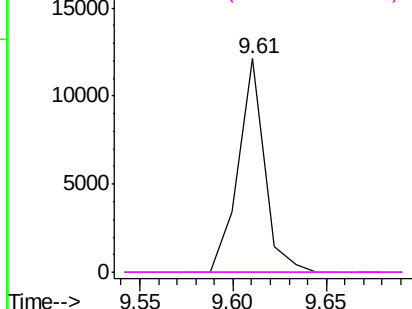
#56
 2,4-Dinitrotoluene
 Concen: 5.64 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.23 min
 Lab File: BF089209.D
 Acq: 22 Jul 2016 23:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-7.5-8.5

Tgt Ion:165 Resp: 11963
 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#

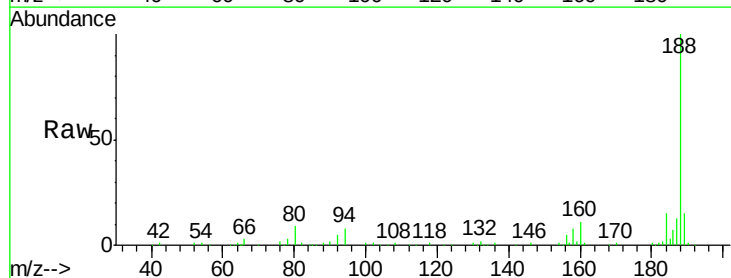


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

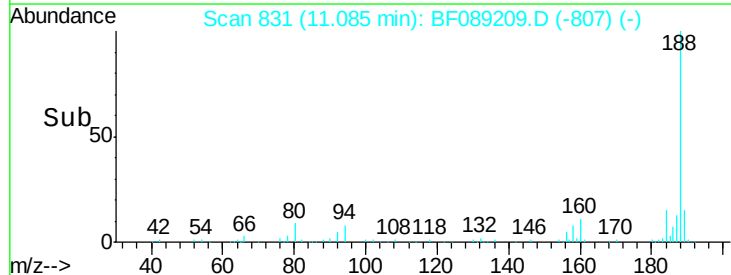
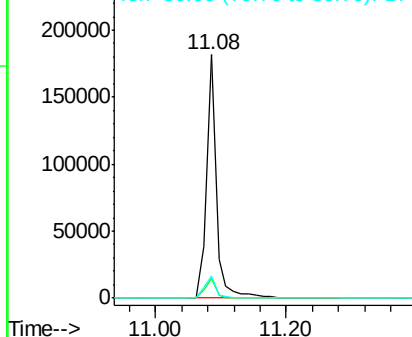


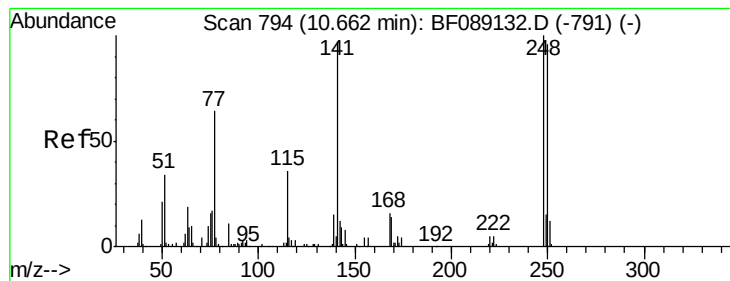
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF089209.D
 Acq: 22 Jul 2016 23:32

Tgt Ion:188 Resp: 190316
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.0 10.4
 80 9.0 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: 4.83 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.26 min

Lab File: BF089209.D

Acq: 22 Jul 2016 23:32

Instrument :

BNA_F

ClientSampleId :

SB-16-7.5-8.5

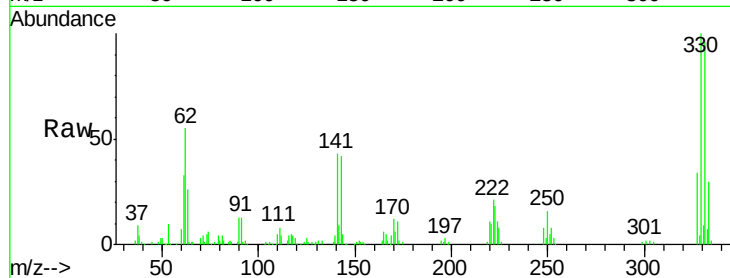
Tgt Ion:248 Resp: 9102

Ion Ratio Lower Upper

248 100

250 200.0 76.9 115.3#

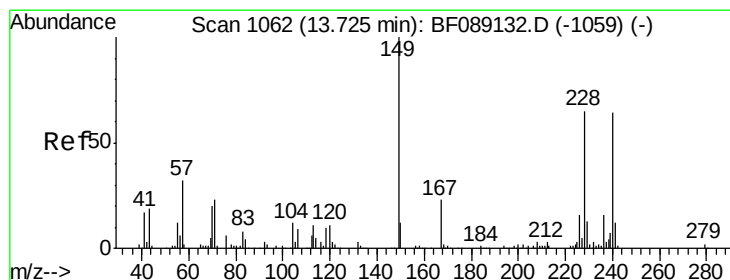
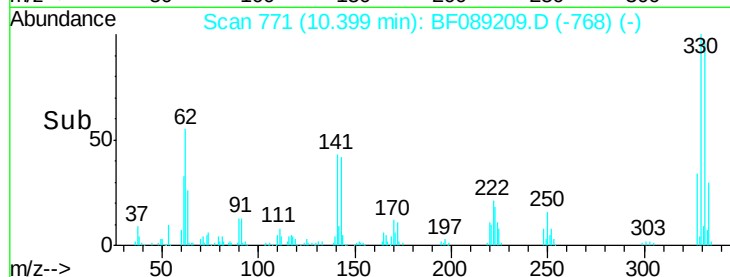
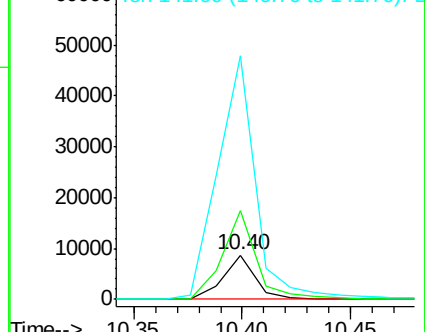
141 548.1 77.4 116.2#



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: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089209.D

Acq: 22 Jul 2016 23:32

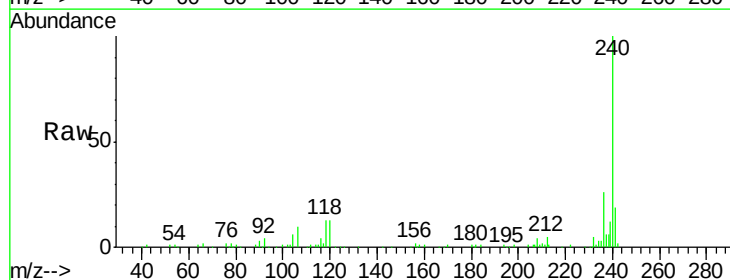
Tgt Ion:240 Resp: 144023

Ion Ratio Lower Upper

240 100

120 13.5 13.6 20.4#

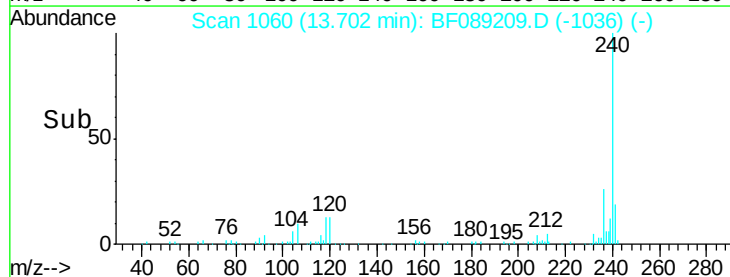
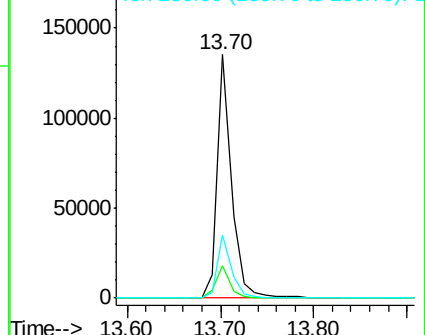
236 25.8 20.5 30.7

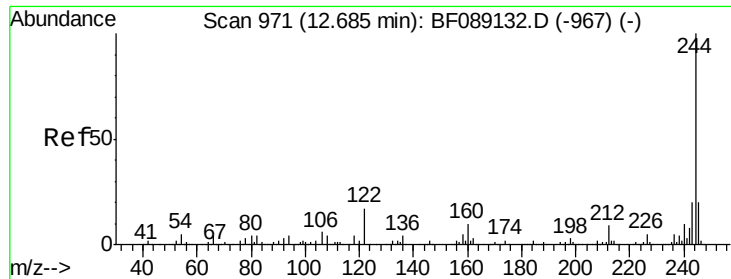


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

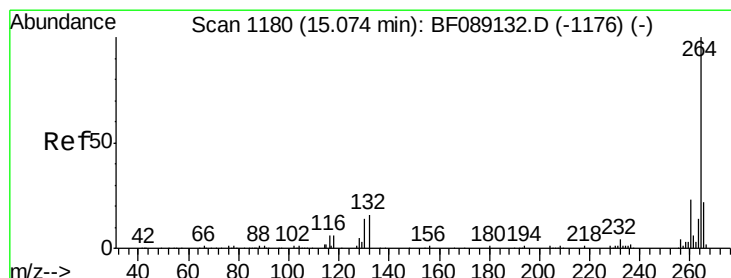
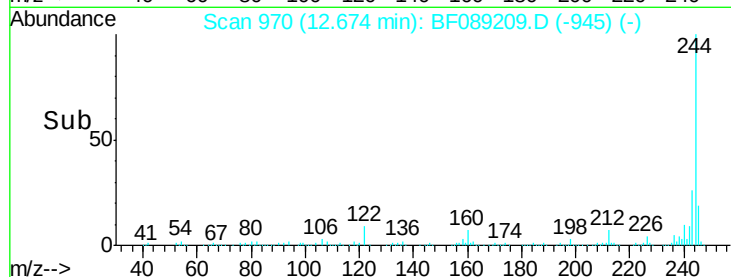
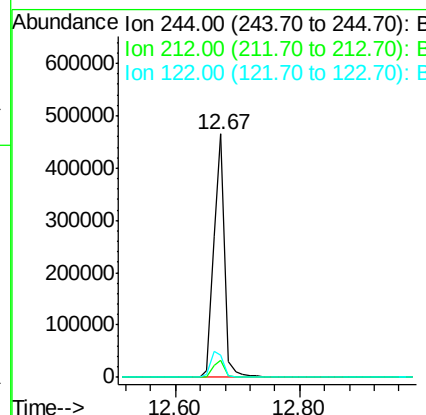
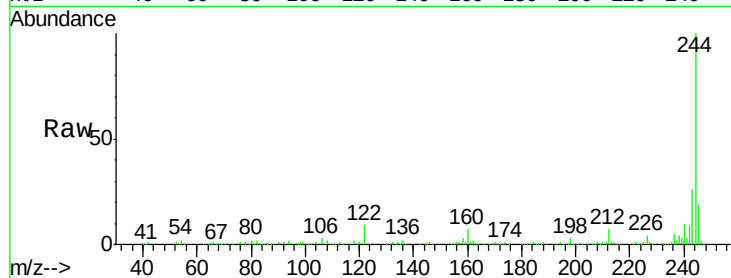




#78
 Terphenyl-d14
 Concen: 83.34 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF089209.D
 Acq: 22 Jul 2016 23:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-7.5-8.5

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	7.0	10.4
122	8.9	13.8	20.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089209.D
 Acq: 22 Jul 2016 23:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	20.7	17.3	25.9

