

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089203.D
 Acq On : 22 Jul 2016 20:19
 Operator : UM/SJ
 Sample : PB92344BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92344BL

Quant Time: Jul 25 00:54:04 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

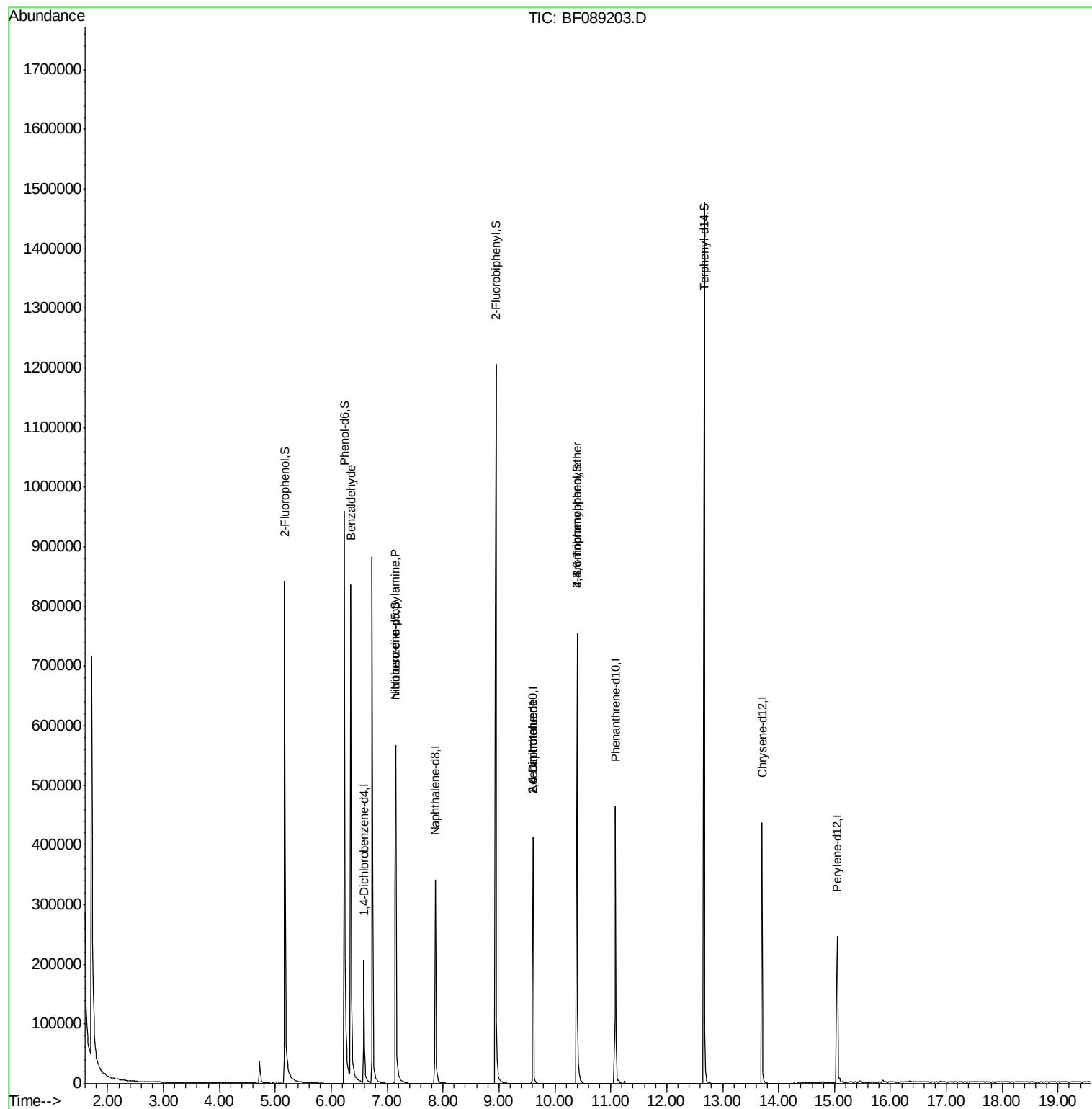
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	45635	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	197731	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	95633	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	196968	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	155008	20.00	ng	-0.02
86) Perylene-d12	15.05	264	120927	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	336362	112.10	ng	-0.02
7) Phenol-d6	6.24	99	478341	123.62	ng	-0.03
23) Nitrobenzene-d5	7.15	82	291944	78.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	101279	117.63	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	550587	79.33	ng	-0.02
78) Terphenyl-d14	12.67	244	561356	78.55	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.35	77	8479	3.08	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.15	70	38001	15.02	ng	# 77
50) 2,6-Dinitrotoluene	9.61	165	11607	7.01	ng	# 28
56) 2,4-Dinitrotoluene	9.61	165	11607	5.44	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	7671	3.94	ng	# 1

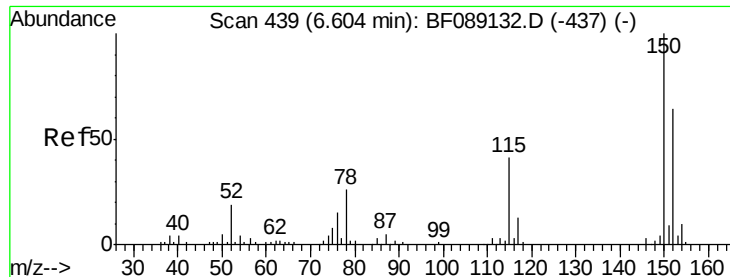
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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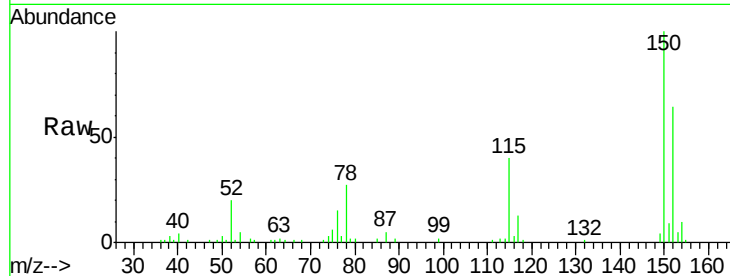


#1

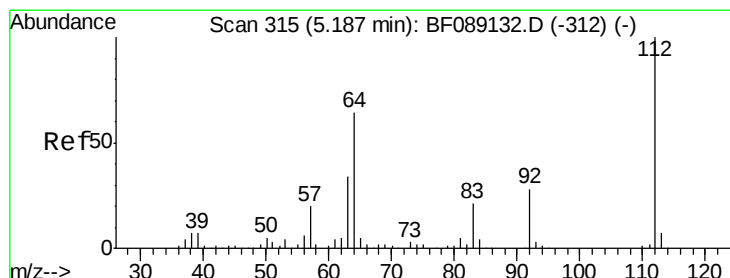
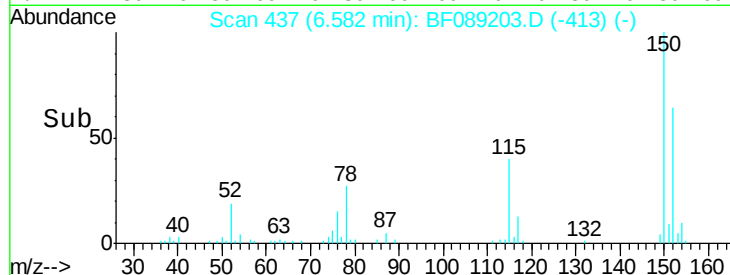
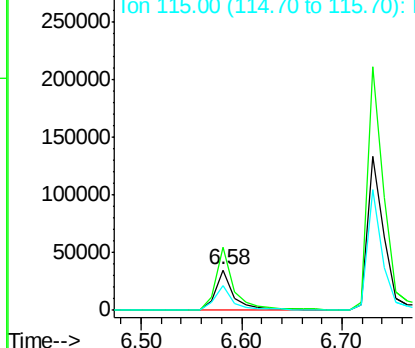
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF089203.D
 Acq: 22 Jul 2016 20:19

Instrument :
 BNA_F
 ClientSampled :
 PB92344BL

Tgt Ion:152 Resp: 45635
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.1 187.7
 115 62.7 51.1 76.7



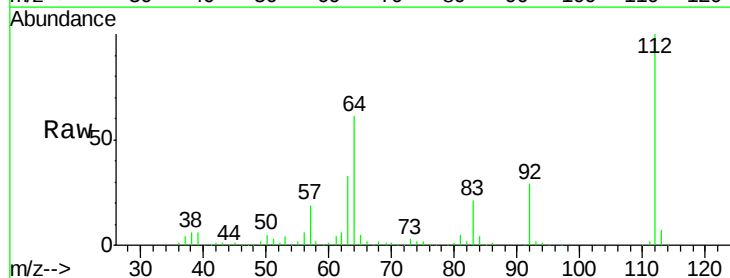
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



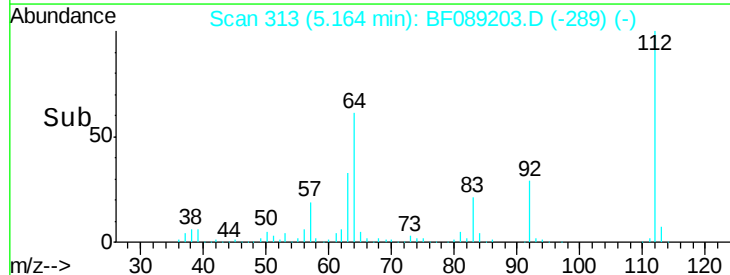
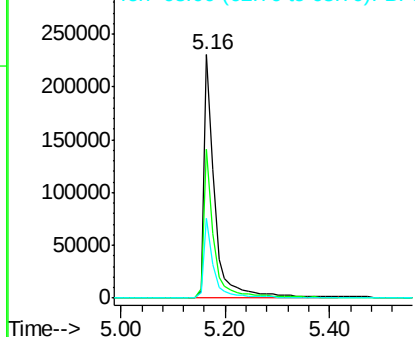
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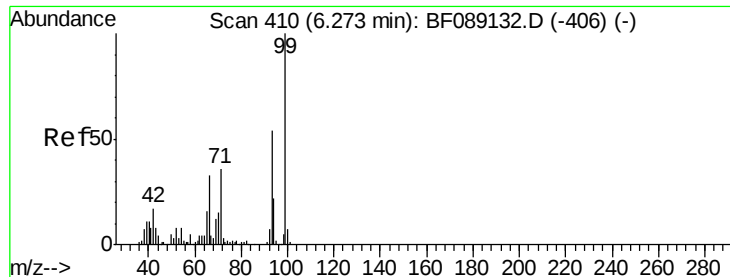
2-Fluorophenol
 Concen: 112.10 ng
 RT: 5.16 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: BF089203.D
 Acq: 22 Jul 2016 20:19

Tgt Ion:112 Resp: 336362
 Ion Ratio Lower Upper
 112 100
 64 61.0 51.0 76.4
 63 33.0 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: 123.62 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089203.D

Acq: 22 Jul 2016 20:19

Instrument :

BNA_F

ClientSampleId :

PB92344BL

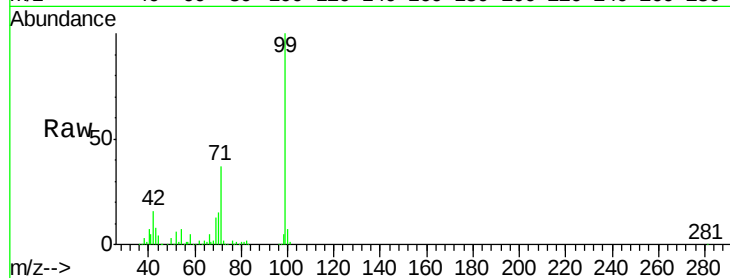
Tgt Ion: 99 Resp: 478341

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

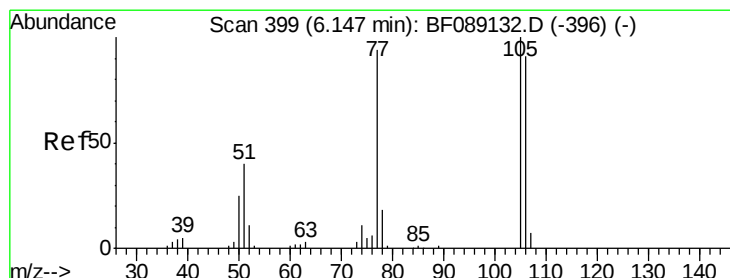
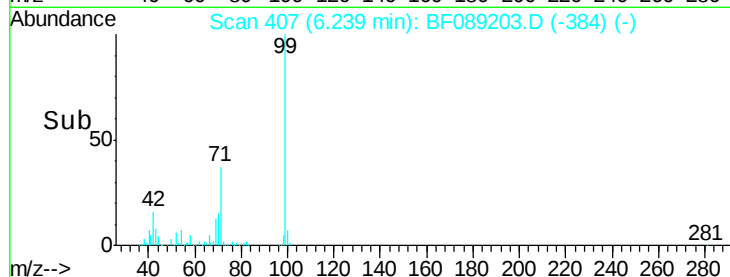
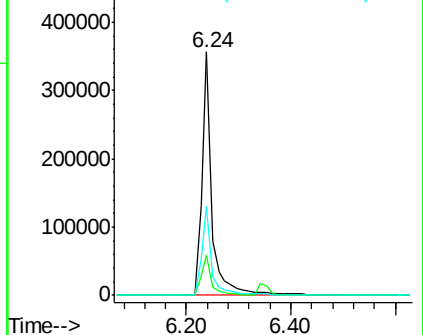
71 36.6 28.9 43.3



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



#9

Benzaldehyde

Concen: 3.08 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.21 min

Lab File: BF089203.D

Acq: 22 Jul 2016 20:19

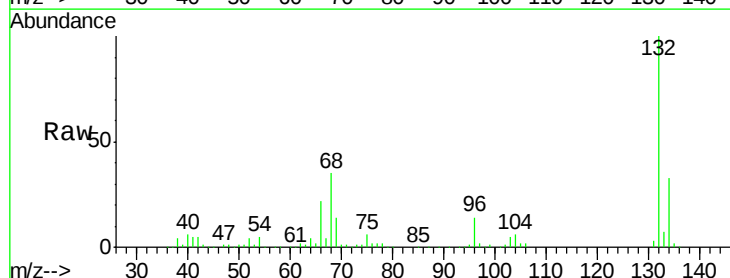
Tgt Ion: 77 Resp: 8479

Ion Ratio Lower Upper

77 100

105 89.0 86.2 126.2

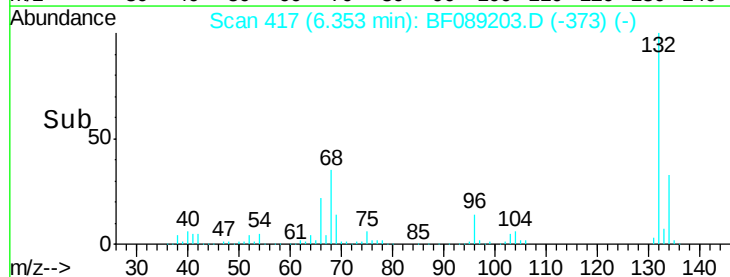
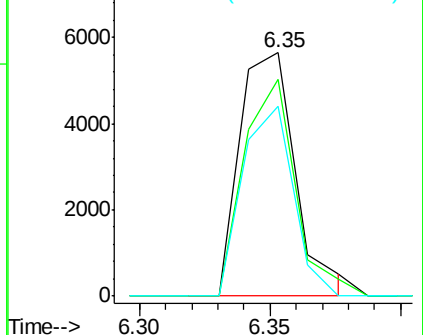
106 78.1 76.3 116.3

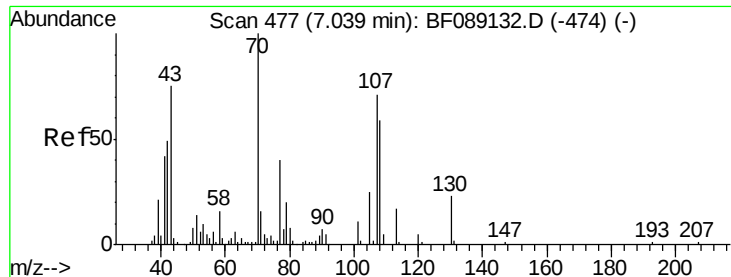


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

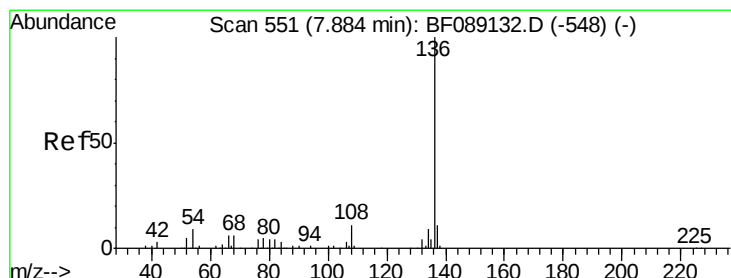
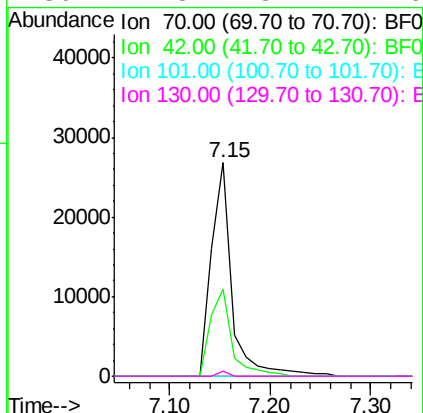
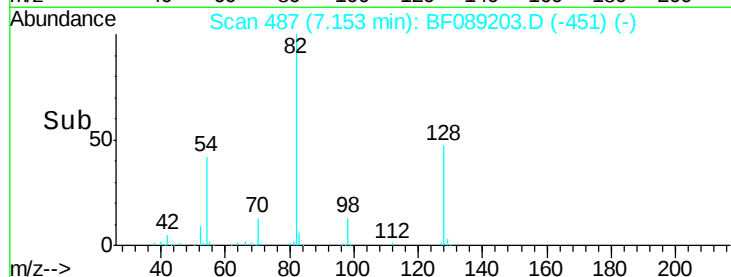
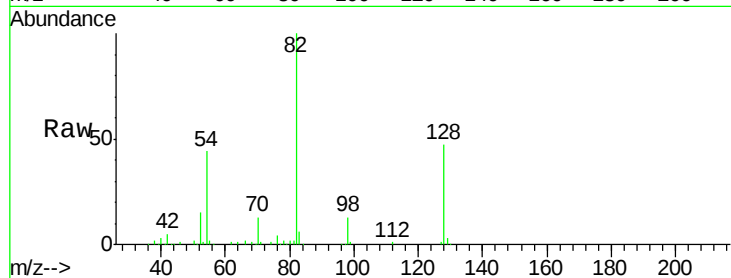




#19
n-Nitroso-di-n-propylamine
Concen: 15.02 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF089203.D
Acq: 22 Jul 2016 20:19

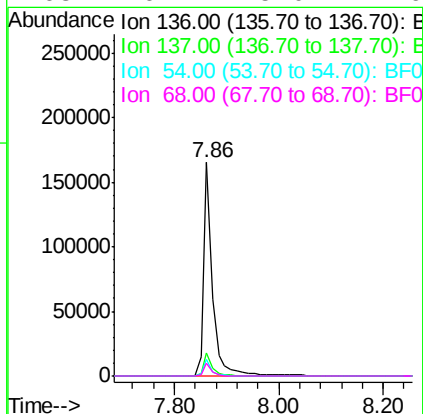
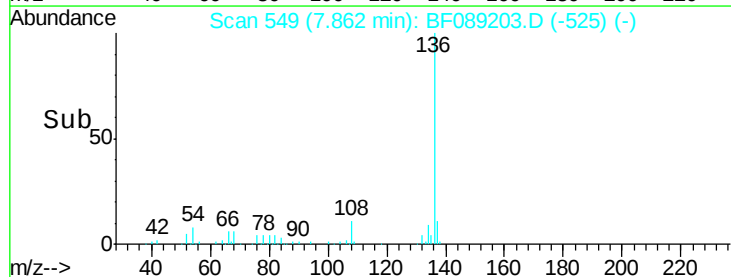
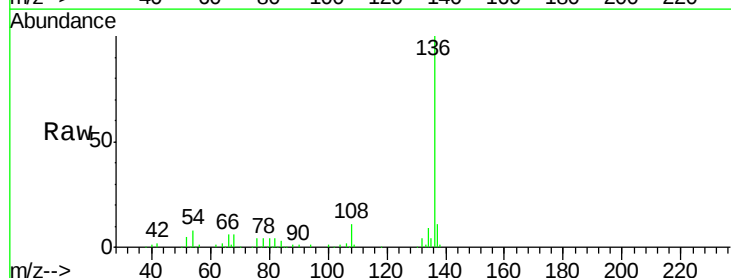
Instrument :
BNA_F
ClientSampleId :
PB92344BL

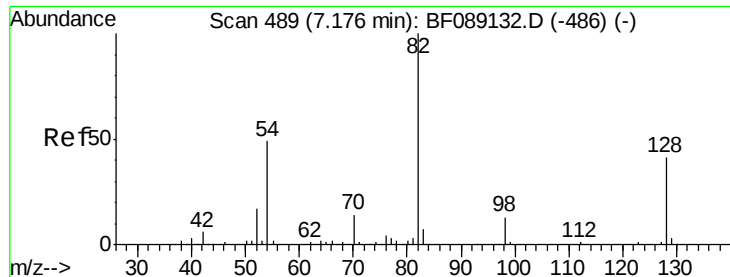
Tgt Ion: 70 Resp: 38001
Ion Ratio Lower Upper
70 100
42 40.8 39.2 58.8
101 0.0 8.5 12.7#
130 2.3 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF089203.D
Acq: 22 Jul 2016 20:19

Tgt Ion: 136 Resp: 197731
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.9 7.0 10.4
68 6.1 5.0 7.6

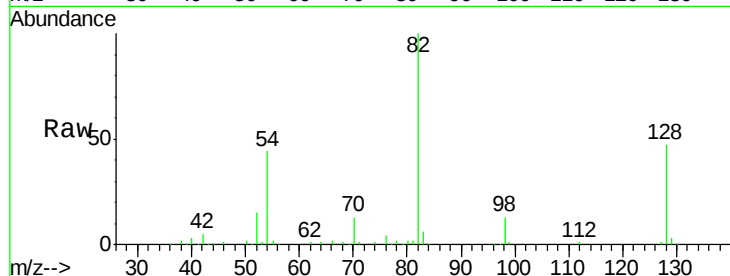




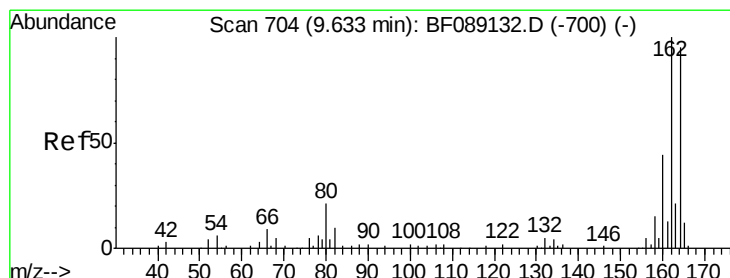
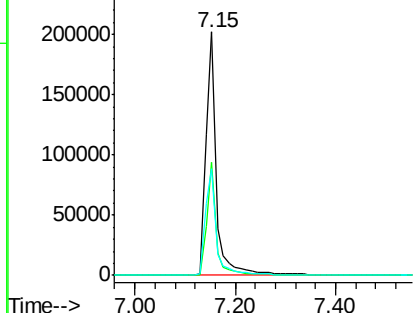
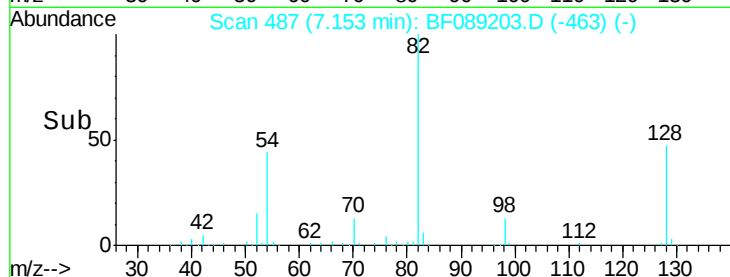
#23
 Nitrobenzene-d5
 Concen: 78.45 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089203.D
 Acq: 22 Jul 2016 20:19

Instrument :
 BNA_F
 ClientSampled :
 PB92344BL

Tgt Ion: 82 Resp: 291944
 Ion Ratio Lower Upper
 82 100
 128 46.7 33.0 49.6
 54 43.9 39.0 58.4

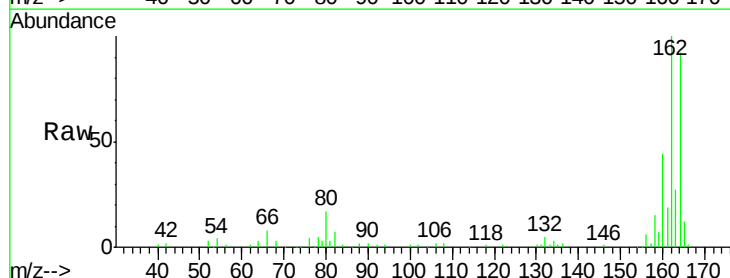


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

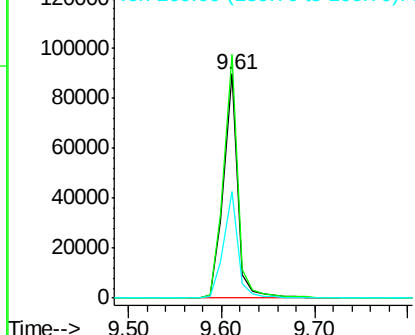
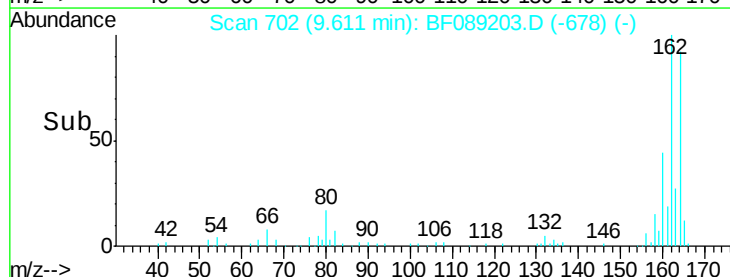


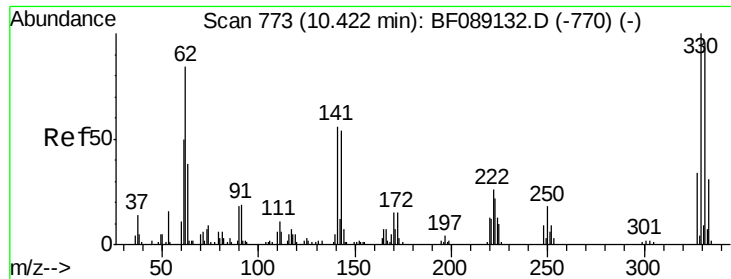
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF089203.D
 Acq: 22 Jul 2016 20:19

Tgt Ion: 164 Resp: 95633
 Ion Ratio Lower Upper
 164 100
 162 108.8 84.1 126.1
 160 47.7 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

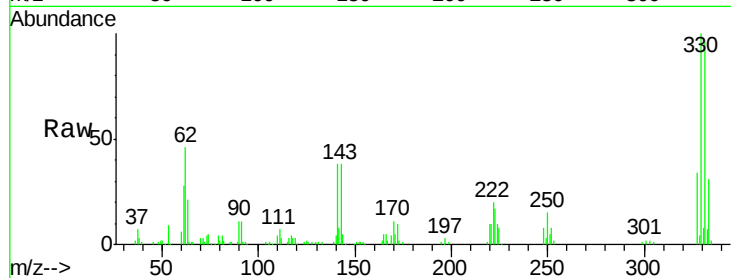




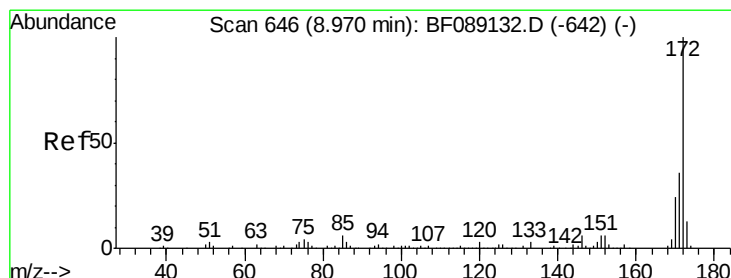
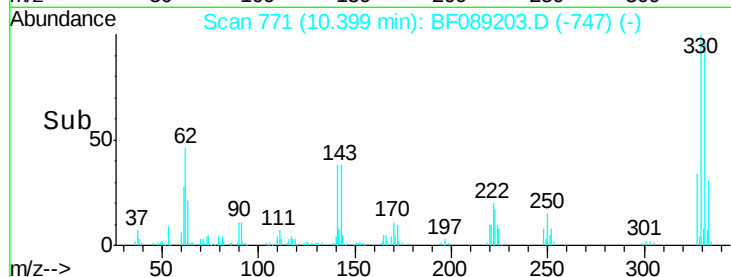
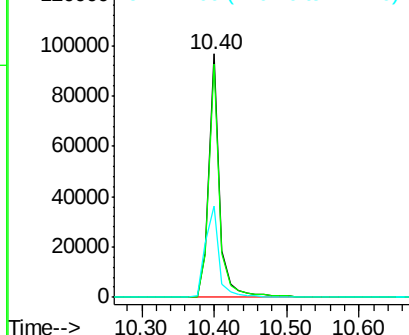
#41
 2,4,6-Tribromophenol
 Concen: 117.63 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089203.D
 Acq: 22 Jul 2016 20:19

Instrument :
 BNA_F
 ClientSampleId :
 PB92344BL

Tgt Ion:330 Resp: 101279
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.2 115.8
 141 47.2 42.2 63.2

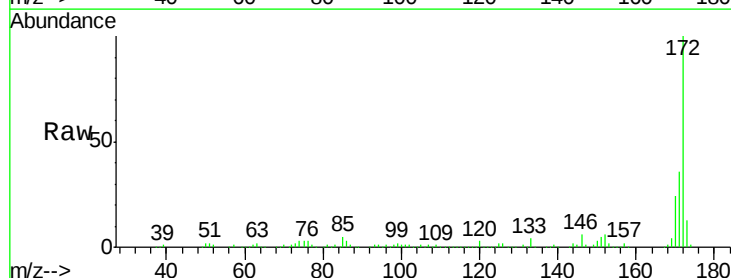


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

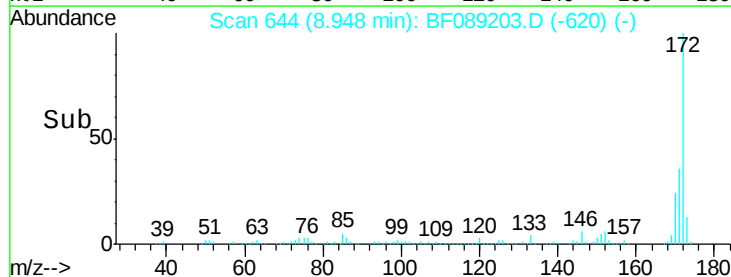
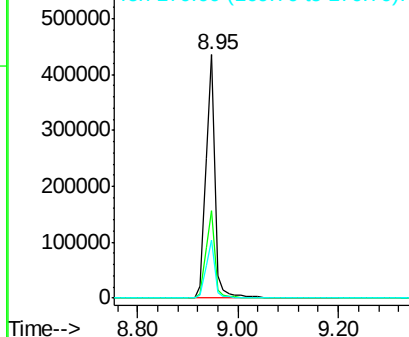


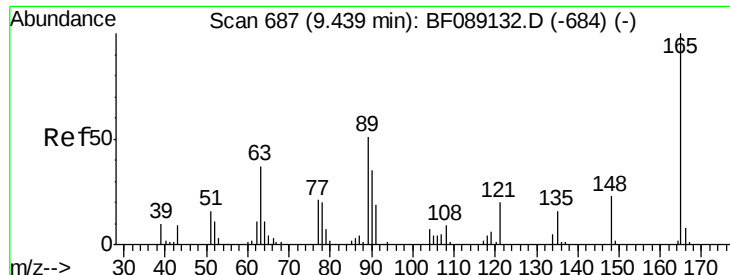
#44
 2-Fluorobiphenyl
 Concen: 79.33 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089203.D
 Acq: 22 Jul 2016 20:19

Tgt Ion:172 Resp: 550587
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.7 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

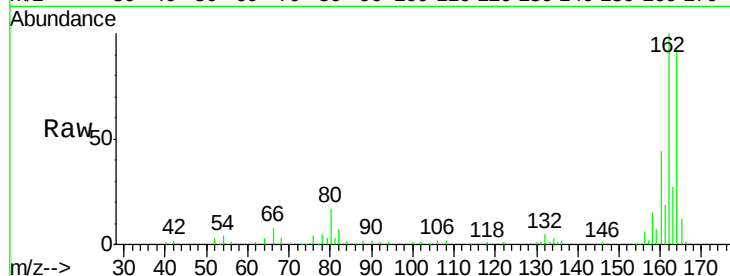




#50
2,6-Dinitrotoluene
Concen: 7.01 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.17 min
Lab File: BF089203.D
Acq: 22 Jul 2016 20:19

Instrument :
BNA_F
ClientSampleId :
PB92344BL

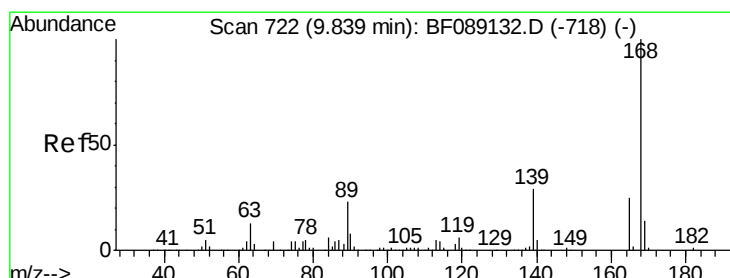
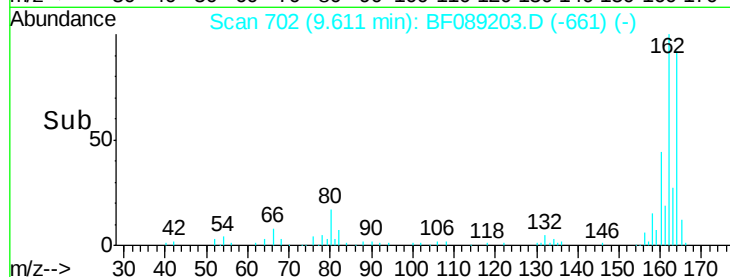
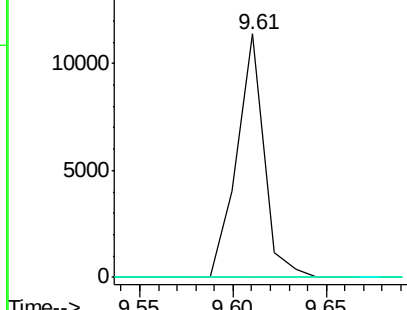
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.0	55.4#
89	0.0	40.9	61.3#



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: 5.44 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.23 min
Lab File: BF089203.D
Acq: 22 Jul 2016 20:19

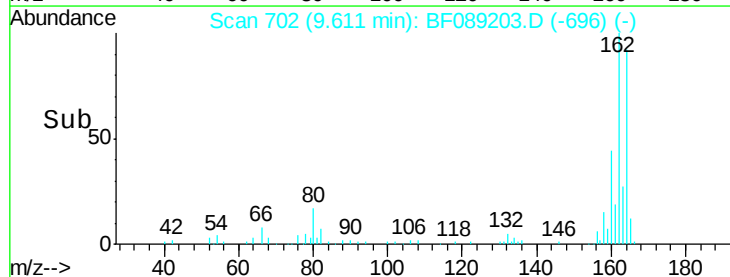
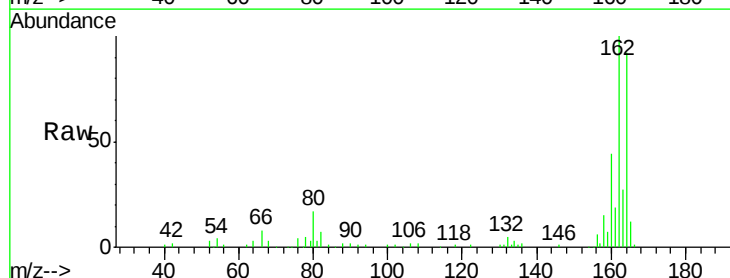
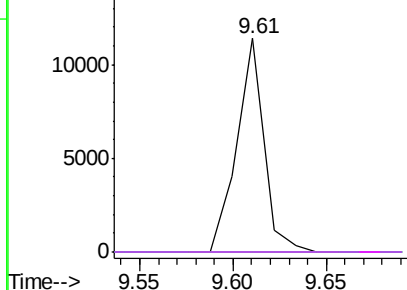
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.2#
89	0.0	74.3	111.5#
182	0.0	2.0	3.0#

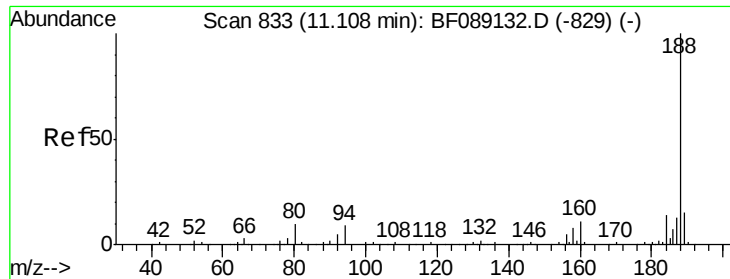
Abundance Ion 165.00 (164.70 to 165.70): E

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

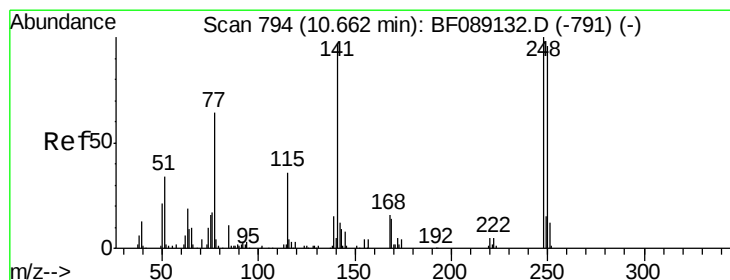
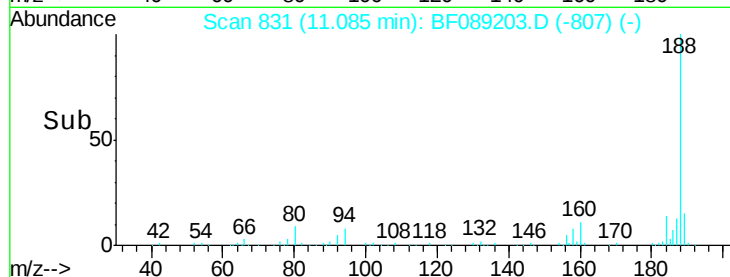
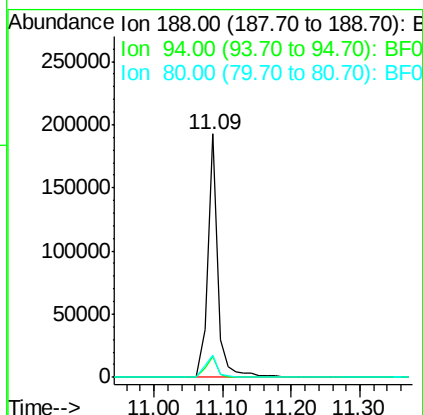
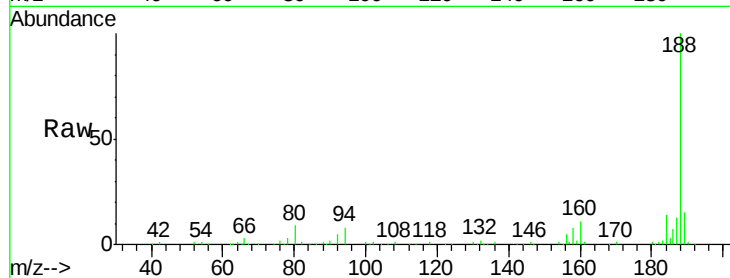




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF089203.D
 Acq: 22 Jul 2016 20:19

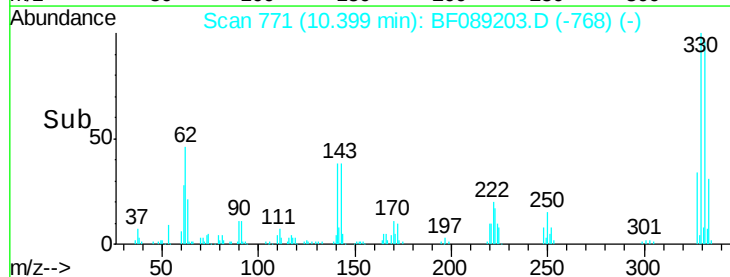
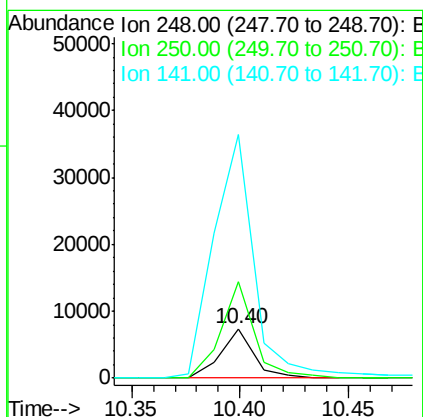
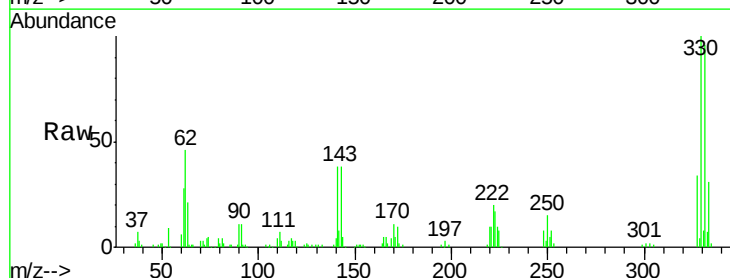
Instrument :
 BNA_F
 ClientSampleId :
 PB92344BL

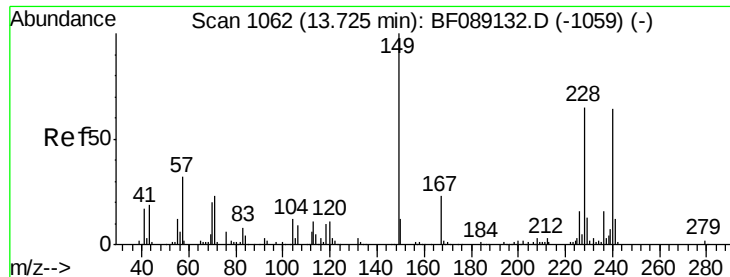
Tgt Ion:188 Resp: 196968
 Ion Ratio Lower Upper
 188 100
 94 8.3 7.0 10.4
 80 9.4 7.7 11.5



#66
 4-Bromophenyl-phenylether
 Concen: 3.94 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.26 min
 Lab File: BF089203.D
 Acq: 22 Jul 2016 20:19

Tgt Ion:248 Resp: 7671
 Ion Ratio Lower Upper
 248 100
 250 195.6 76.9 115.3#
 141 496.2 77.4 116.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089203.D

Acq: 22 Jul 2016 20:19

Instrument :

BNA_F

ClientSampleId :

PB92344BL

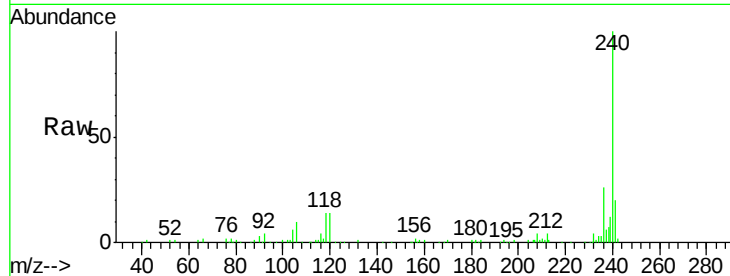
Tgt Ion:240 Resp: 155008

Ion Ratio Lower Upper

240 100

120 14.1 13.6 20.4

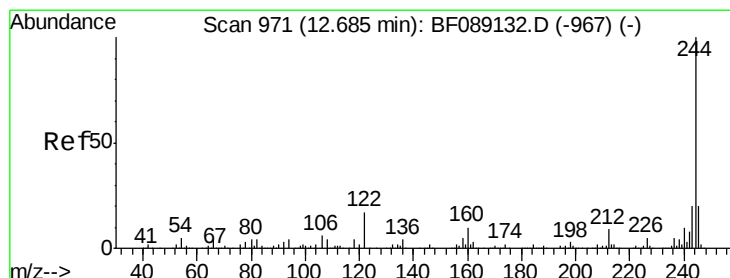
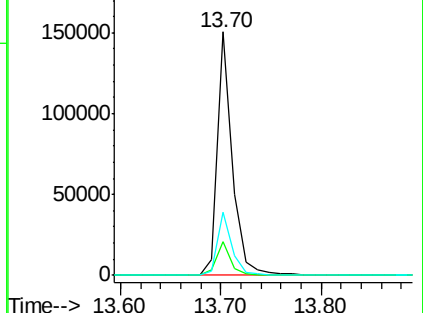
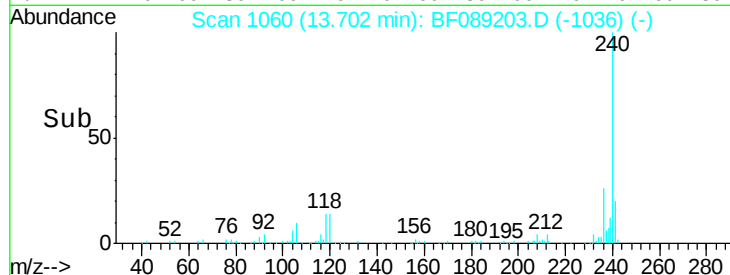
236 26.0 20.5 30.7



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: 78.55 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089203.D

Acq: 22 Jul 2016 20:19

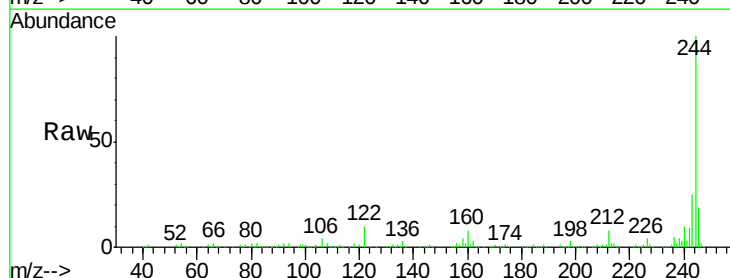
Tgt Ion:244 Resp: 561356

Ion Ratio Lower Upper

244 100

212 7.5 7.0 10.4

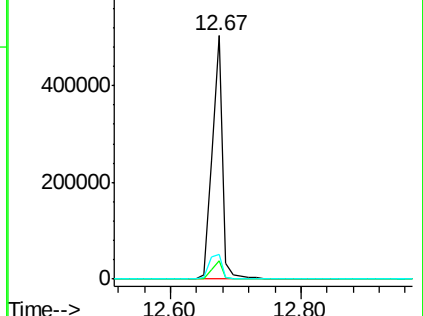
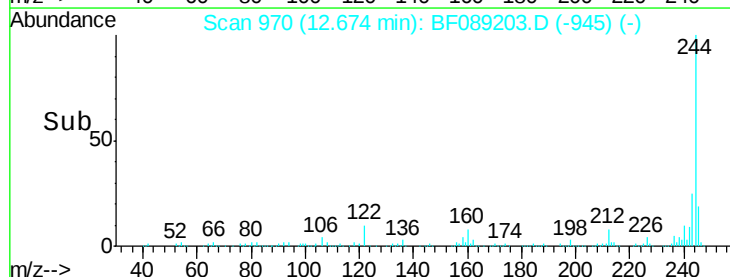
122 10.1 13.8 20.8#

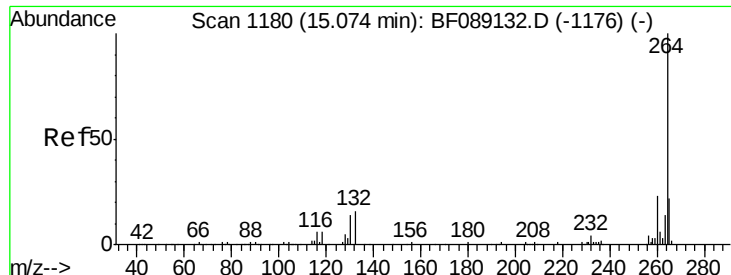


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

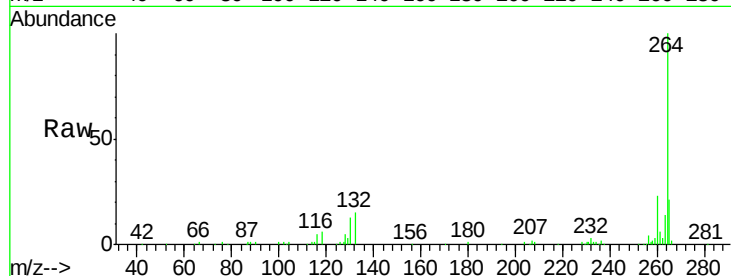




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF089203.D
Acq: 22 Jul 2016 20:19

Instrument :
BNA_F
ClientSampleId :
PB92344BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.3	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

