

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082616\
 Data File : BF089918.D
 Acq On : 26 Aug 2016 20:08
 Operator : UM/SJ
 Sample : PB93109BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BL

Quant Time: Aug 26 23:06:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 18:51:25 2016
 Response via : Initial Calibration

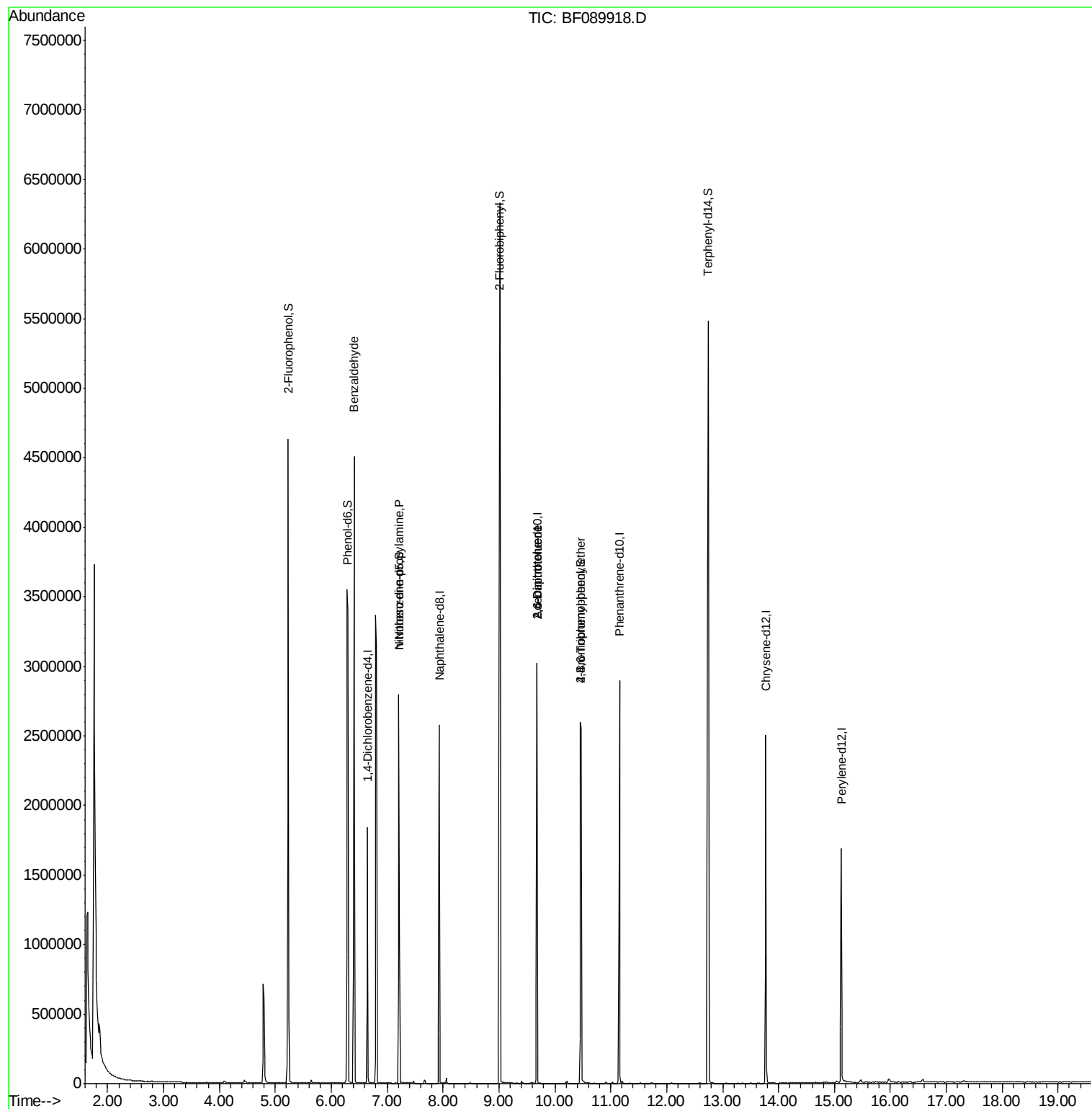
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	311119	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1170899	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	589284	20.00	ng	-0.01
63) Phenanthrene-d10	11.15	188	1136625	20.00	ng	0.00
75) Chrysene-d12	13.77	240	902986	20.00	ng	-0.01
86) Perylene-d12	15.12	264	686128	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1566124	86.33	ng	0.01
7) Phenol-d6	6.30	99	2279024	102.33	ng	0.00
23) Nitrobenzene-d5	7.21	82	1130111	59.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	561530	100.27	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2446328	72.96	ng	0.00
78) Terphenyl-d14	12.74	244	2046935	51.28	ng	0.00
Target Compounds						
9) Benzaldehyde	6.41	77	33638	2.32	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.21	70	143722	10.09	ng	# 73
50) 2,6-Dinitrotoluene	9.68	165	75890	7.92	ng	# 26
56) 2,4-Dinitrotoluene	9.68	165	75890	6.11	ng	# 35
66) 4-Bromophenyl-phenylether	10.47	248	31795	2.67	ng	# 1

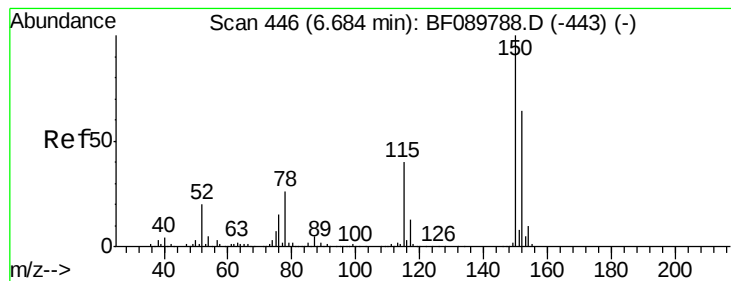
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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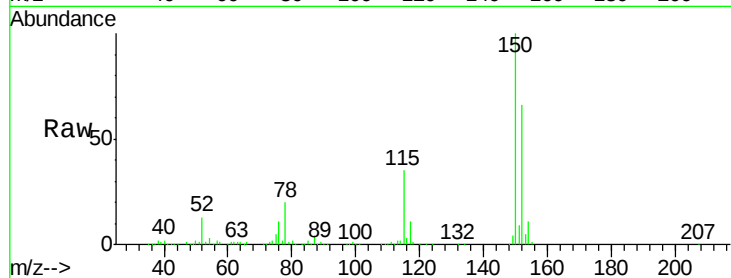




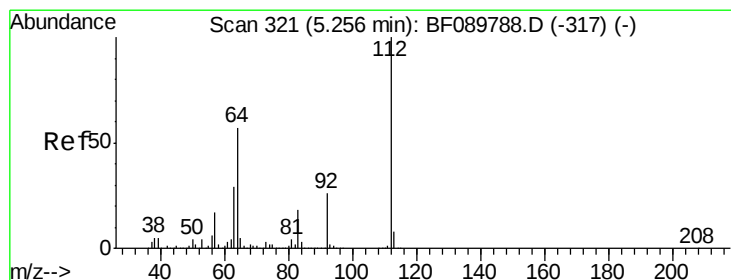
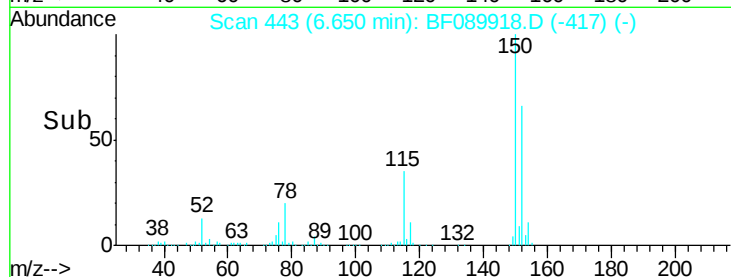
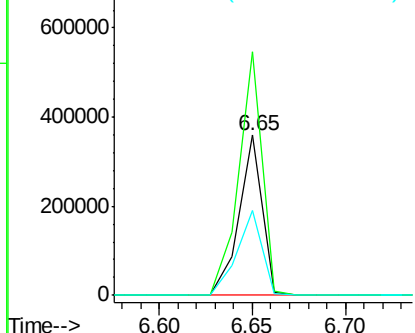
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: BF089918.D
 Acq: 26 Aug 2016 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BL

Tgt Ion:152 Resp: 311119
 Ion Ratio Lower Upper
 152 100
 150 152.3 125.3 187.9
 115 52.8 40.9 61.3

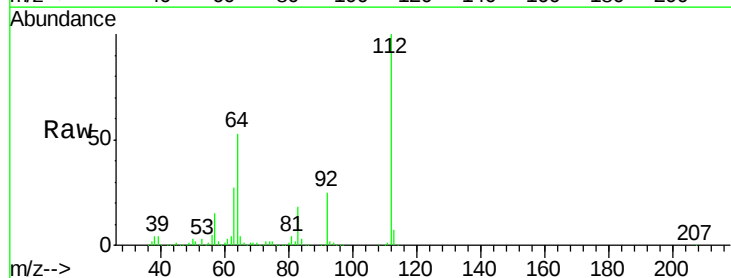


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

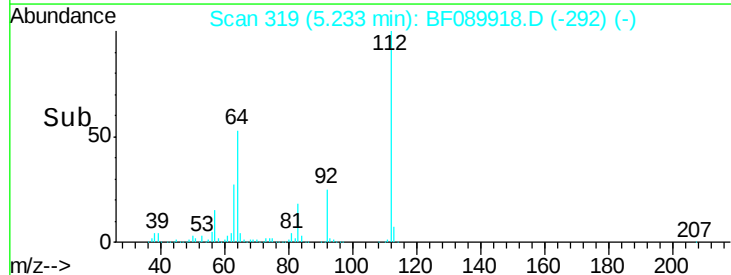
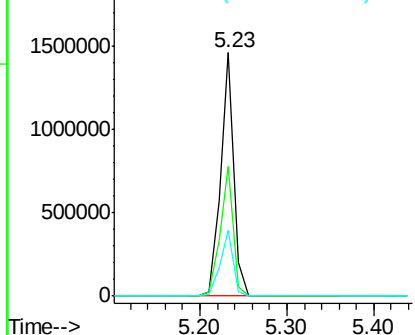


#5
 2-Fluorophenol
 Concen: 86.33 ng
 RT: 5.23 min Scan# 319
 Delta R.T. 0.01 min
 Lab File: BF089918.D
 Acq: 26 Aug 2016 20:08

Tgt Ion:112 Resp: 1566124
 Ion Ratio Lower Upper
 112 100
 64 53.3 45.0 67.4
 63 26.7 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: 102.33 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF089918.D

Acq: 26 Aug 2016 20:08

Instrument :

BNA_F

ClientSampleId :

PB93109BL

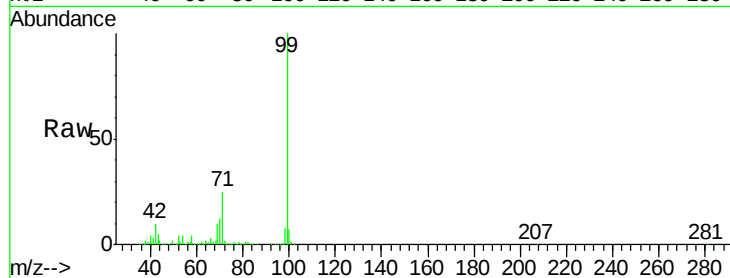
Tgt Ion: 99 Resp: 2279024

Ion Ratio Lower Upper

99 100

42 9.5 12.2 18.4#

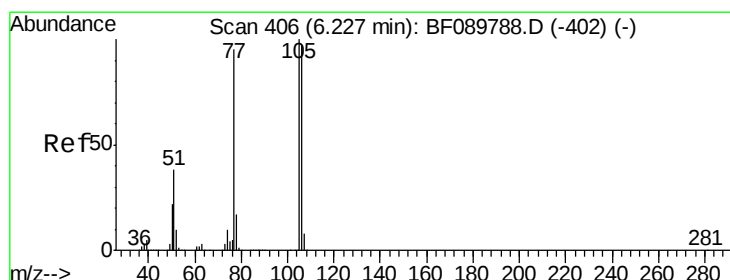
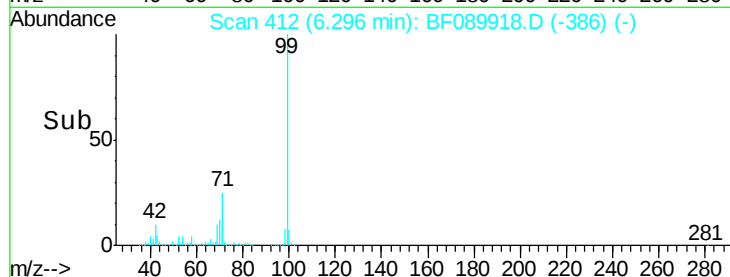
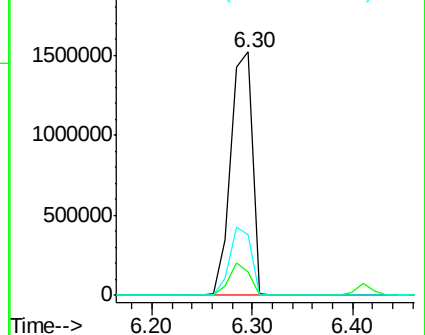
71 24.8 23.8 35.8



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: 2.32 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.22 min

Lab File: BF089918.D

Acq: 26 Aug 2016 20:08

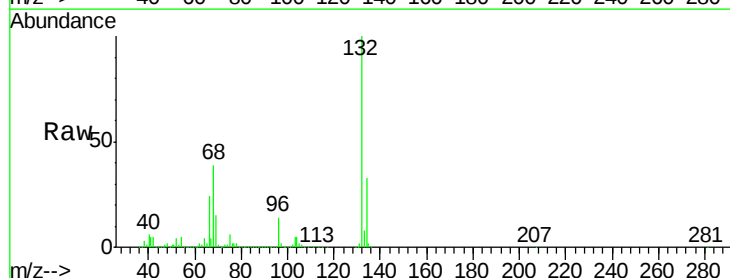
Tgt Ion: 77 Resp: 33638

Ion Ratio Lower Upper

77 100

105 81.3 73.3 113.3

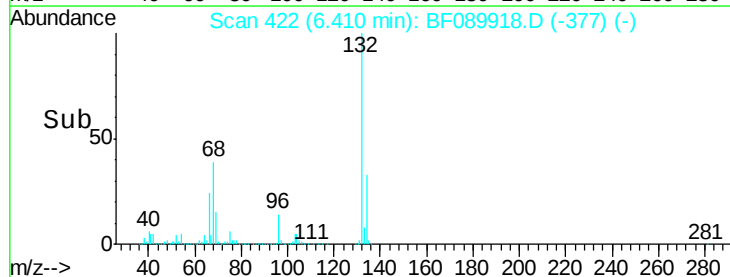
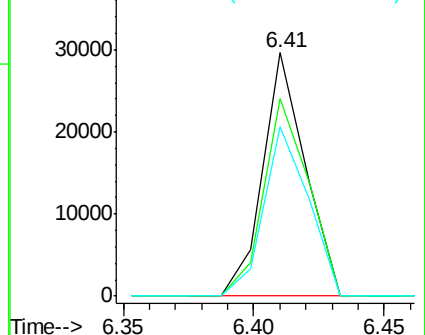
106 69.7 68.6 108.6

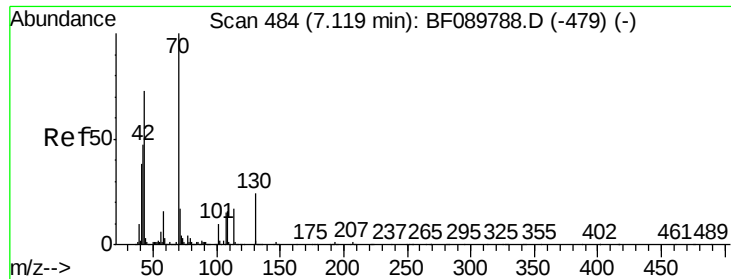


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

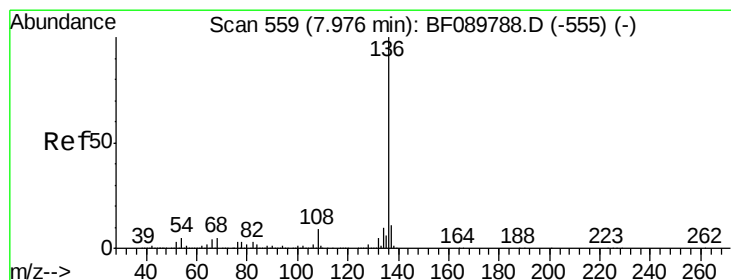
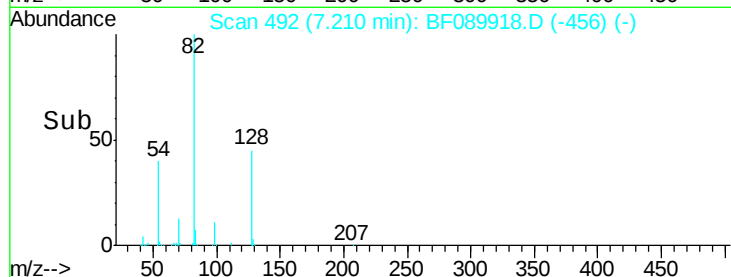
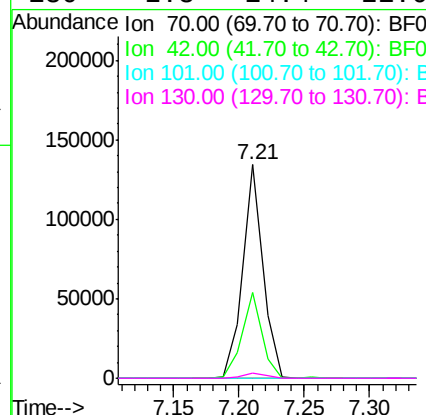
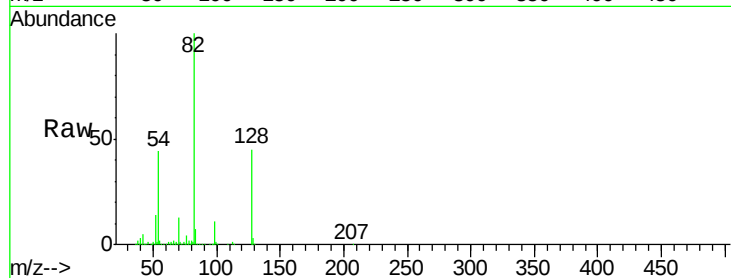




#19
n-Nitroso-di-n-propylamine
Concen: 10.09 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.11 min
Lab File: BF089918.D
Acq: 26 Aug 2016 20:08

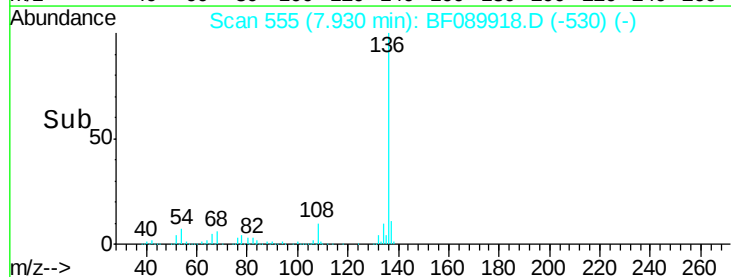
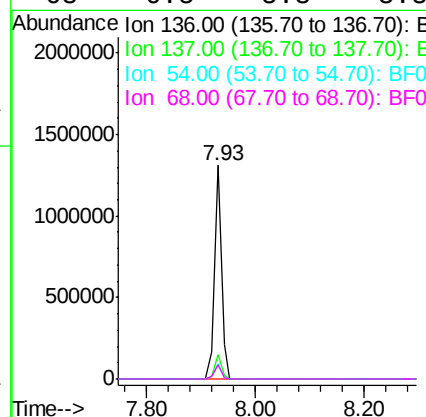
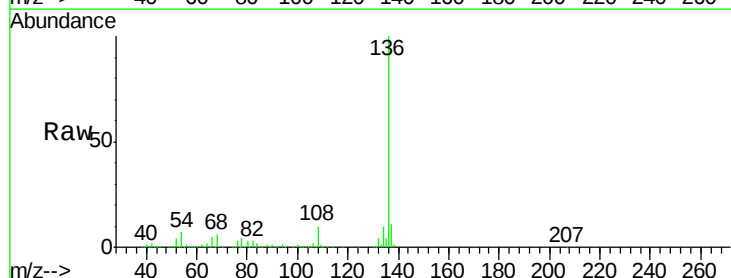
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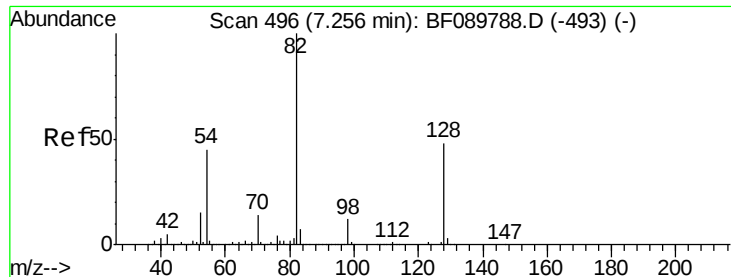
Tgt Ion:	70	Resp:	143722
Ion	Ratio	Lower	Upper
70	100		
42	39.9	46.3	69.5#
101	0.0	7.0	10.6#
130	2.3	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF089918.D
Acq: 26 Aug 2016 20:08

Tgt Ion:	136	Resp:	1170899
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.0	7.2	10.8#
68	6.5	5.8	8.8

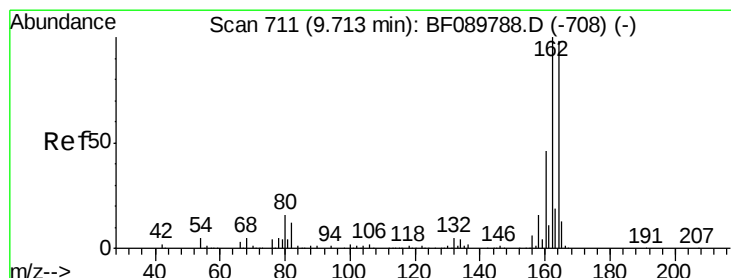
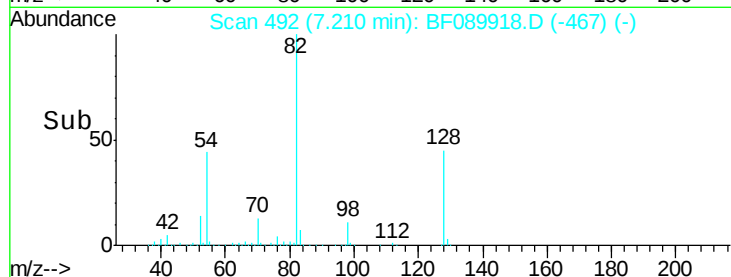
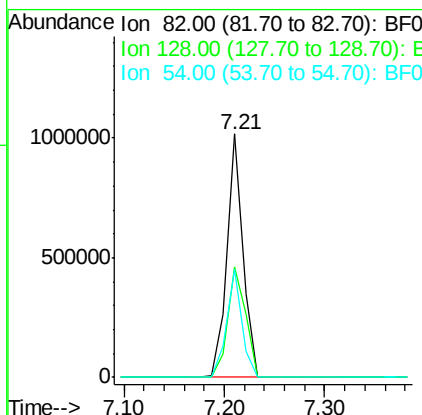
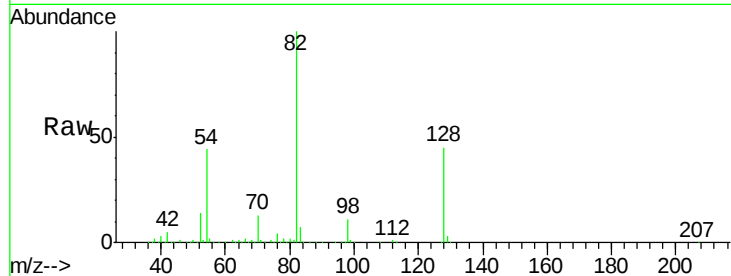




#23
 Nitrobenzene-d5
 Concen: 59.96 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF089918.D
 Acq: 26 Aug 2016 20:08

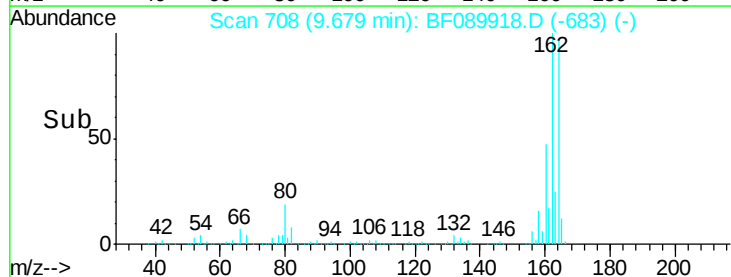
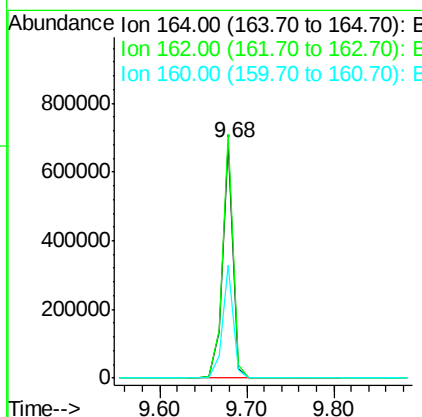
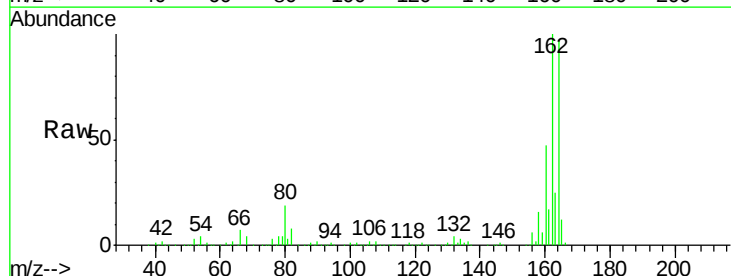
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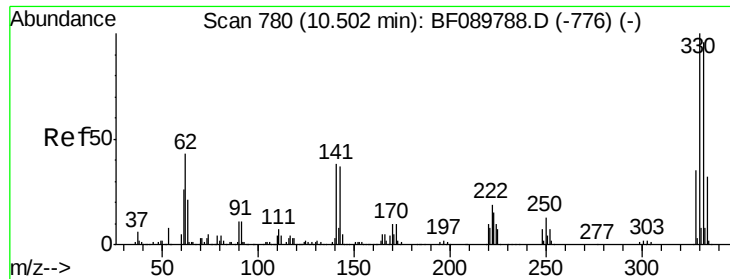
Tgt Ion: 82 Resp: 1130111
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.4 51.6
 54 44.3 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF089918.D
 Acq: 26 Aug 2016 20:08

Tgt Ion: 164 Resp: 589284
 Ion Ratio Lower Upper
 164 100
 162 103.6 81.4 122.2
 160 48.2 37.8 56.6

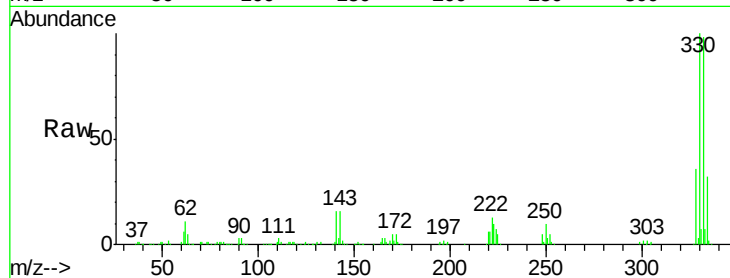




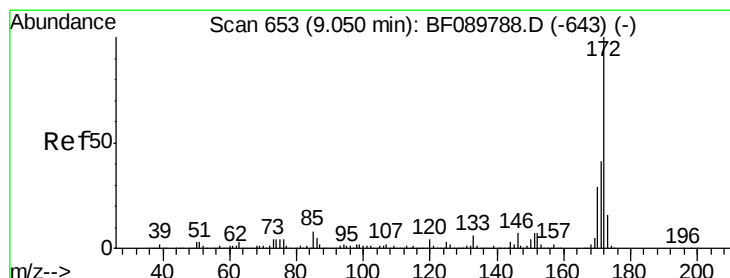
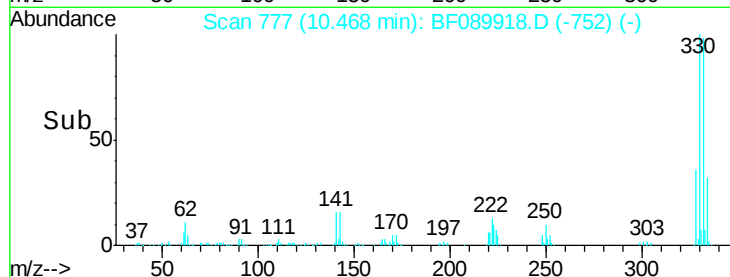
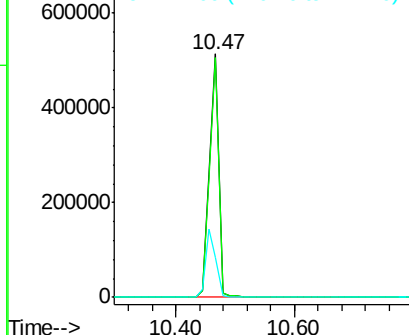
#41
 2,4,6-Tribromophenol
 Concen: 100.27 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF089918.D
 Acq: 26 Aug 2016 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BL

Tgt Ion:330 Resp: 561530
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.7 115.1
 141 30.8 30.2 45.2

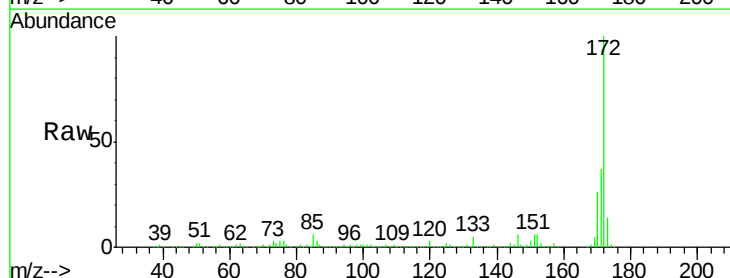


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

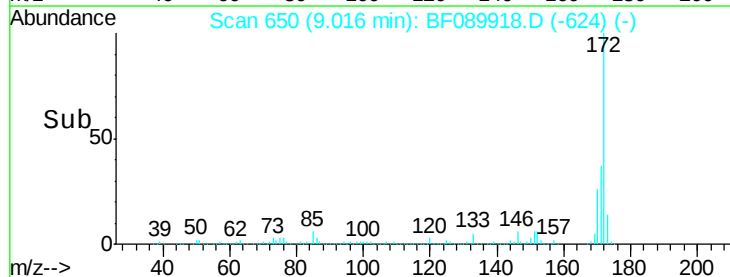
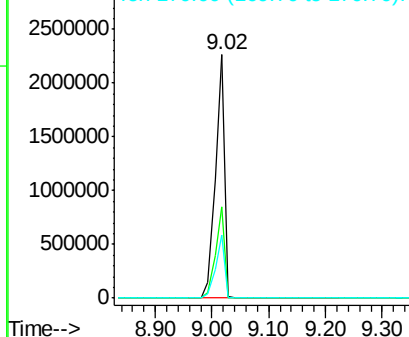


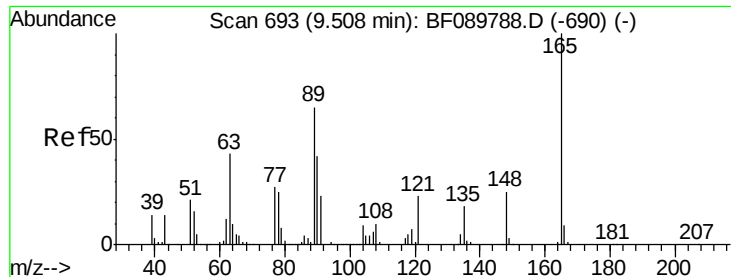
#44
 2-Fluorobiphenyl
 Concen: 72.96 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF089918.D
 Acq: 26 Aug 2016 20:08

Tgt Ion:172 Resp: 2446328
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.5 45.7
 170 25.7 20.6 31.0



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

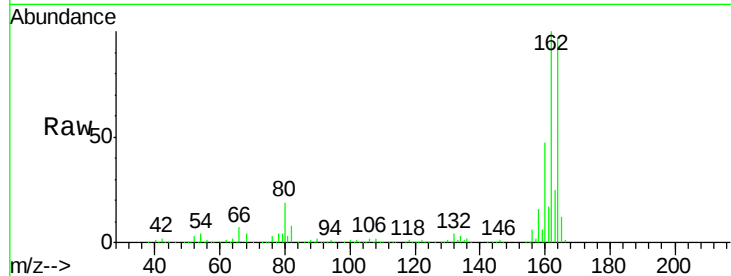




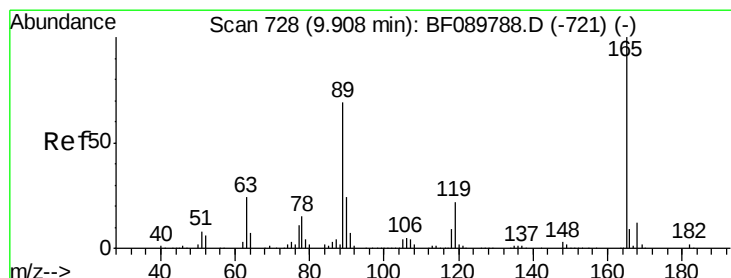
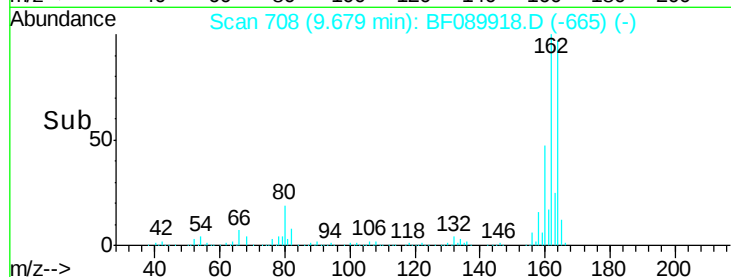
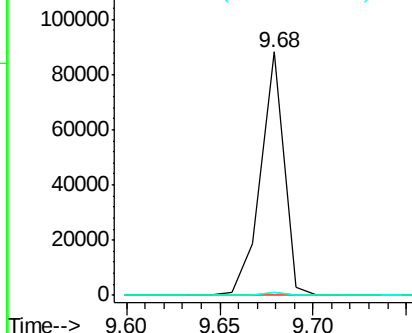
#50
 2,6-Dinitrotoluene
 Concen: 7.92 ng
 RT: 9.68 min Scan# 708
 Delta R.T. 0.19 min
 Lab File: BF089918.D
 Acq: 26 Aug 2016 20:08

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Tgt Ion:165 Resp: 75890
 Ion Ratio Lower Upper
 165 100
 63 1.0 41.7 62.5#
 89 1.2 44.6 67.0#



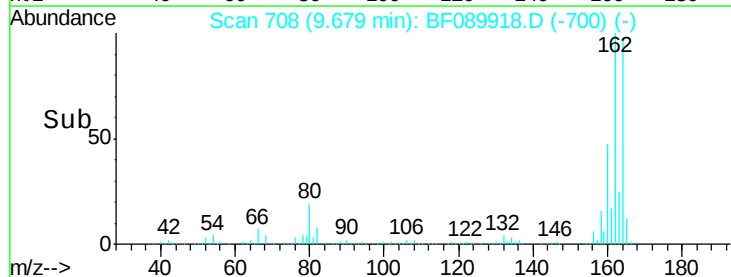
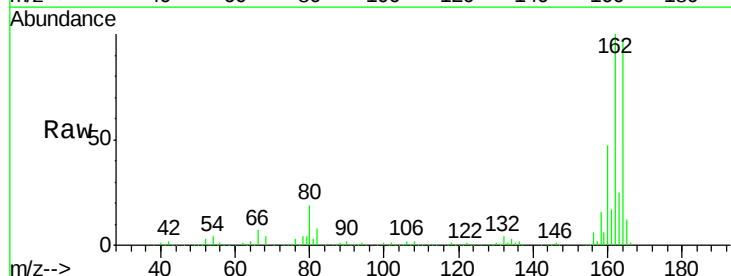
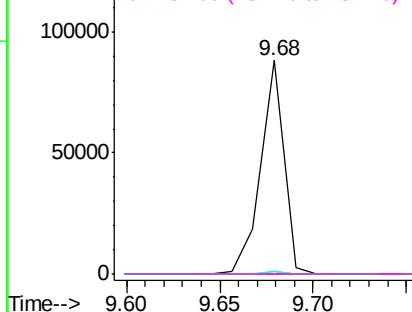
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

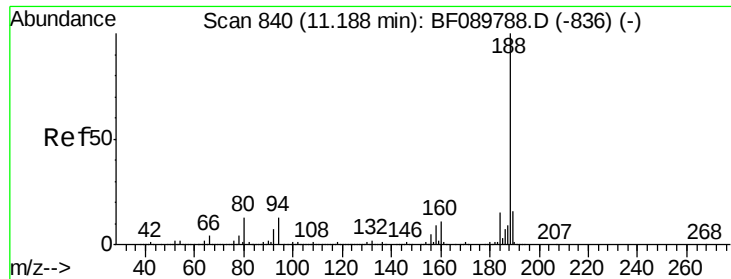


#56
 2,4-Dinitrotoluene
 Concen: 6.11 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.21 min
 Lab File: BF089918.D
 Acq: 26 Aug 2016 20:08

Tgt Ion:165 Resp: 75890
 Ion Ratio Lower Upper
 165 100
 63 1.0 23.7 35.5#
 89 1.2 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

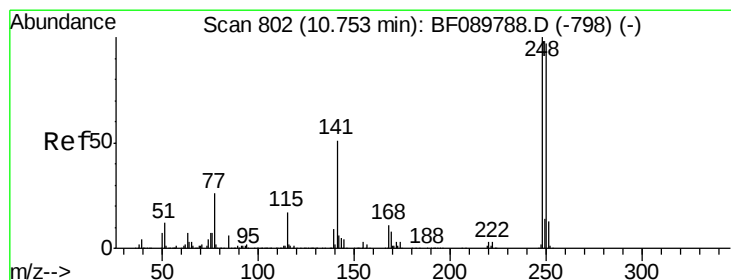
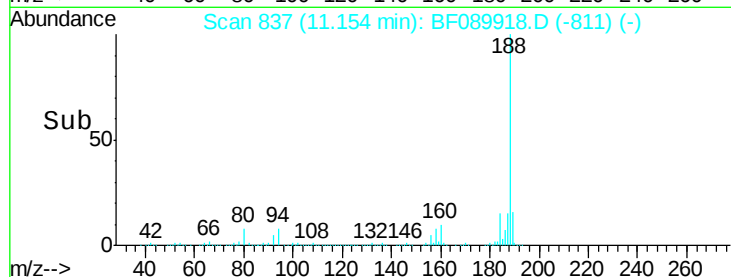
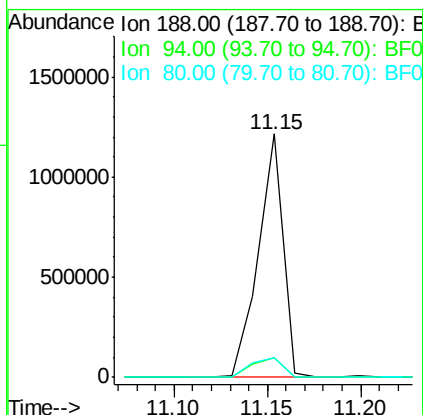
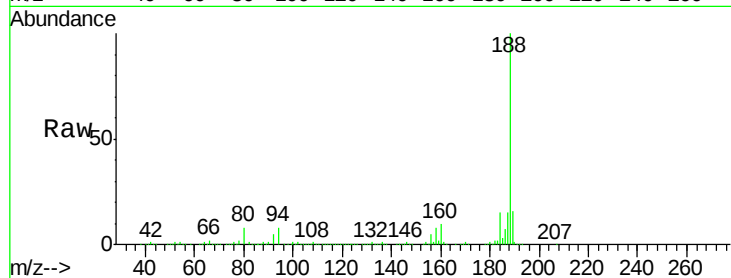




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF089918.D
Acq: 26 Aug 2016 20:08

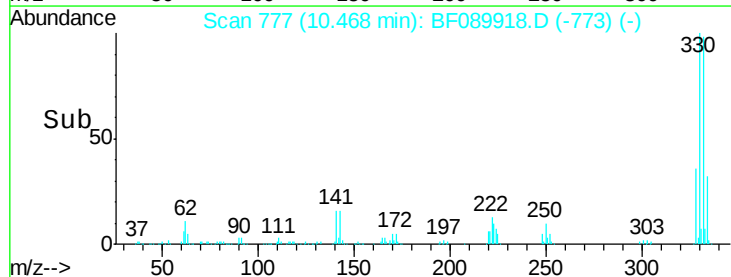
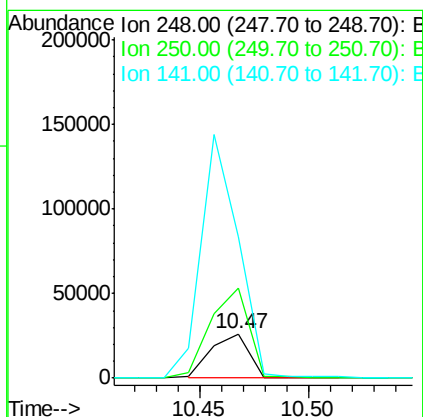
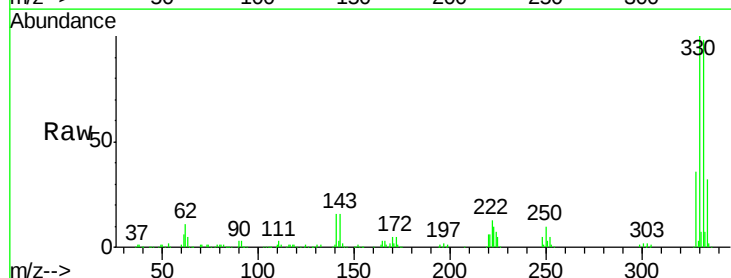
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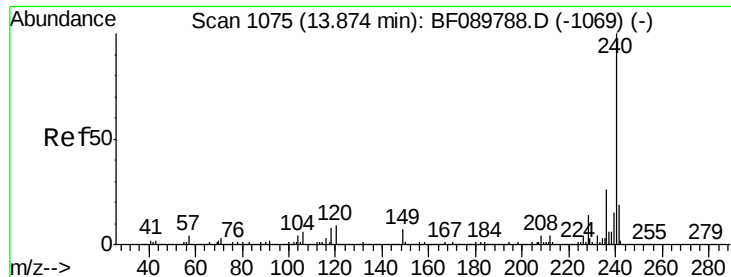
Tgt Ion:188 Resp: 1136625
Ion Ratio Lower Upper
188 100
94 8.1 10.2 15.2#
80 8.0 10.9 16.3#



#66
4-Bromophenyl-phenylether
Concen: 2.67 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.25 min
Lab File: BF089918.D
Acq: 26 Aug 2016 20:08

Tgt Ion:248 Resp: 31795
Ion Ratio Lower Upper
248 100
250 200.8 78.6 117.8#
141 317.2 31.4 47.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF089918.D

Acq: 26 Aug 2016 20:08

Instrument :

BNA_F

ClientSampleId :

PB93109BL

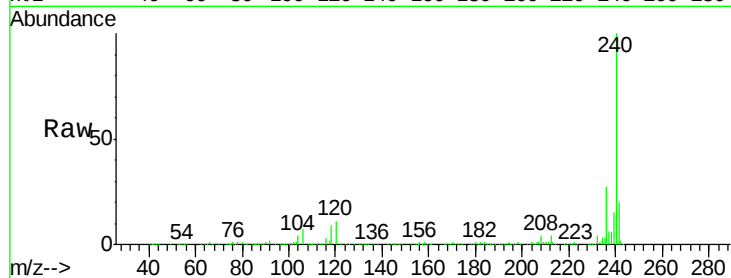
Tgt Ion:240 Resp: 902986

Ion Ratio Lower Upper

240 100

120 10.6 8.3 12.5

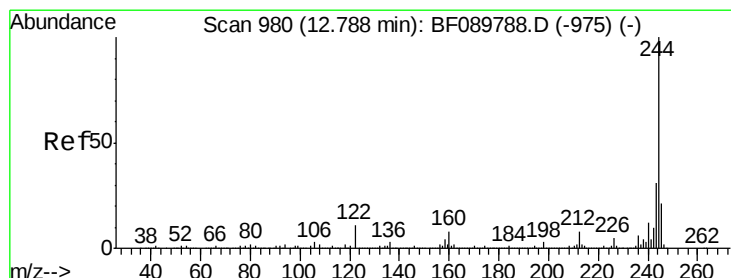
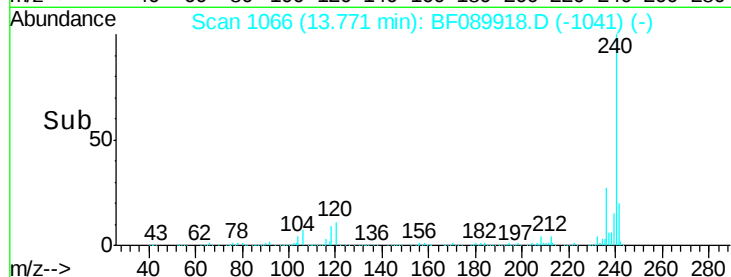
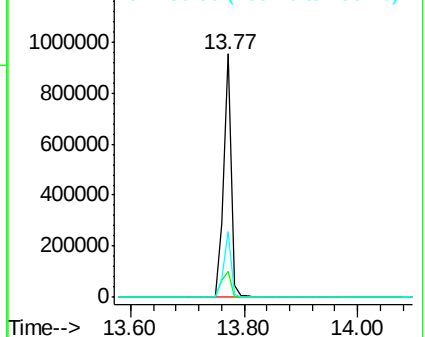
236 26.8 21.3 31.9



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: 51.28 ng

RT: 12.74 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF089918.D

Acq: 26 Aug 2016 20:08

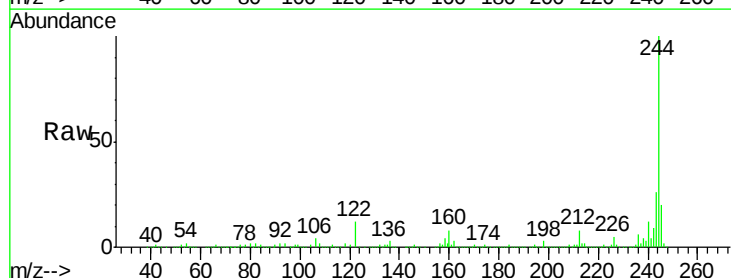
Tgt Ion:244 Resp: 2046935

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

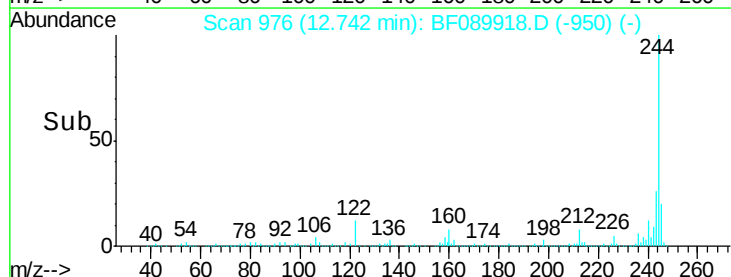
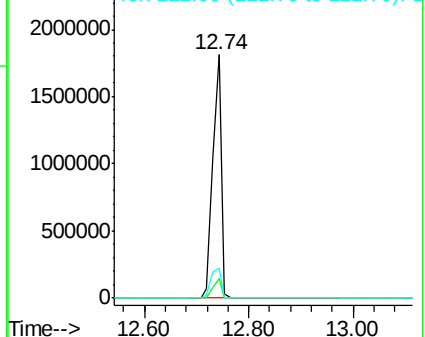
122 12.3 12.0 18.0

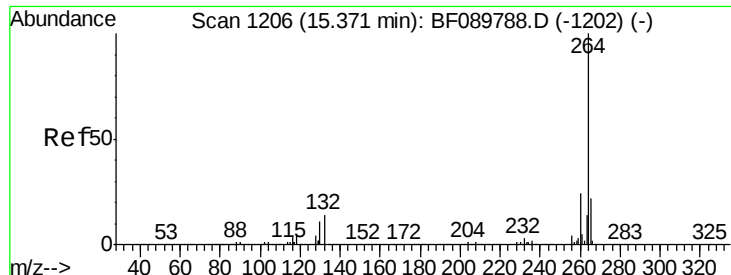


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.12 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF089918.D
Acq: 26 Aug 2016 20:08

Instrument :
BNA_F
ClientSampleId :
PB93109BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.2	30.2
265	22.0	17.4	26.2

