

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082616\
 Data File : BF089916.D
 Acq On : 26 Aug 2016 19:12
 Operator : UM/SJ
 Sample : PB93122TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93122TB

Quant Time: Aug 26 23:05:42 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

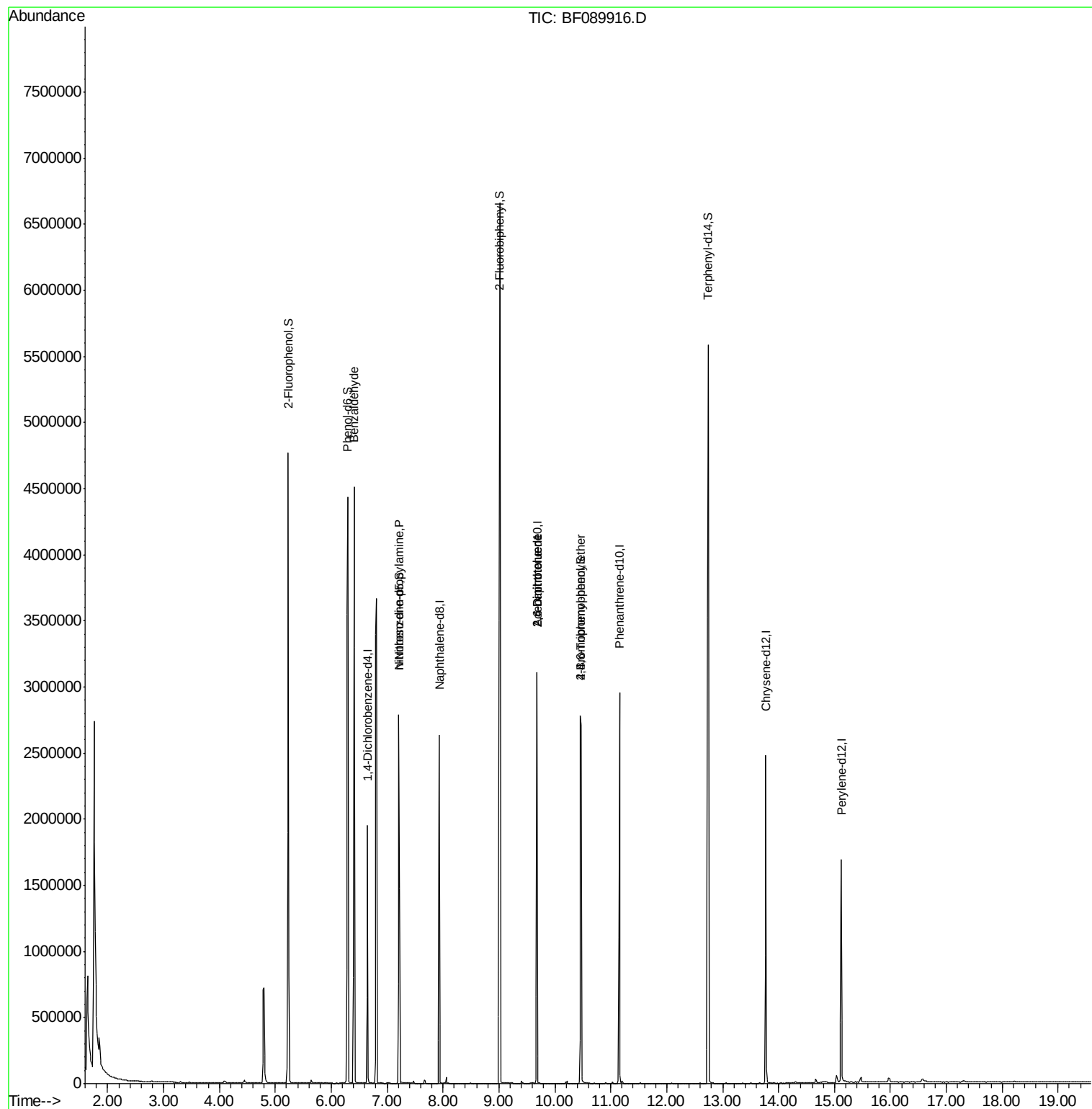
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	323011	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1208084	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	602233	20.00	ng	-0.01
63) Phenanthrene-d10	11.15	188	1149467	20.00	ng	0.00
75) Chrysene-d12	13.77	240	901918	20.00	ng	-0.01
86) Perylene-d12	15.12	264	687796	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1683404	89.37	ng	0.01
7) Phenol-d6	6.30	99	2506694	108.41	ng	0.00
23) Nitrobenzene-d5	7.21	82	1238435	63.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	601708	105.13	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2559800	74.71	ng	0.00
78) Terphenyl-d14	12.74	244	2090696	52.44	ng	0.00
Target Compounds						
9) Benzaldehyde	6.41	77	36870	2.45	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.21	70	158803	10.74	ng	# 74
50) 2,6-Dinitrotoluene	9.68	165	78550	8.02	ng	# 26
56) 2,4-Dinitrotoluene	9.68	165	78550	6.18	ng	# 35
66) 4-Bromophenyl-phenylether	10.47	248	33900	2.81	ng	# 1

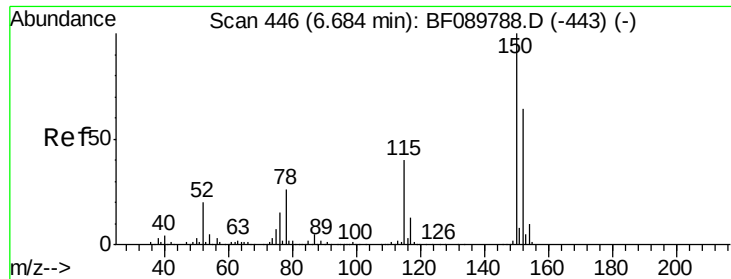
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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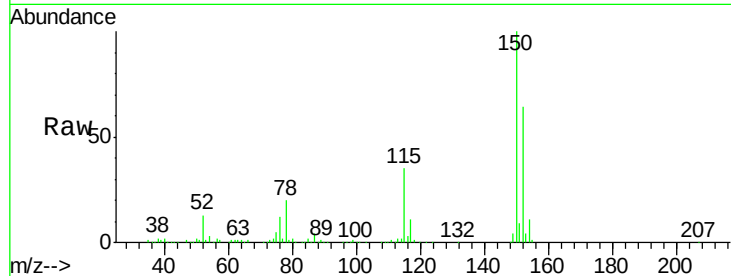


#1

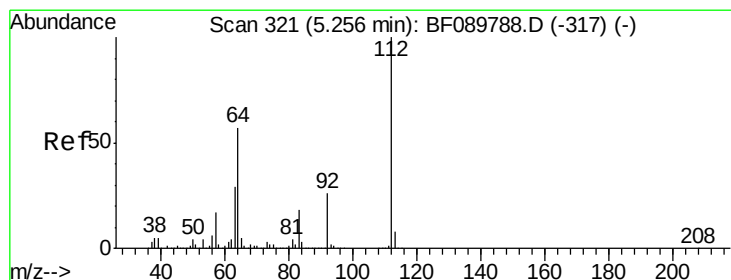
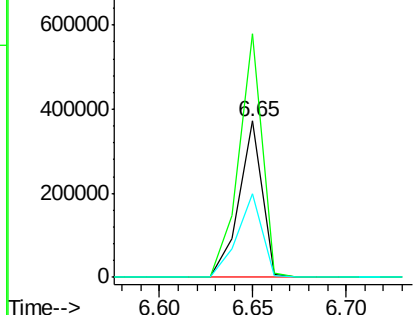
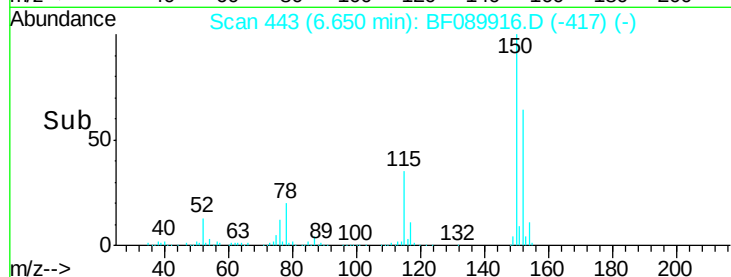
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF089916.D
Acq: 26 Aug 2016 19:12

Instrument :
BNA_F
ClientSampleId :
PB93122TB

Tgt Ion:152 Resp: 323011
Ion Ratio Lower Upper
152 100
150 155.7 125.3 187.9
115 53.8 40.9 61.3



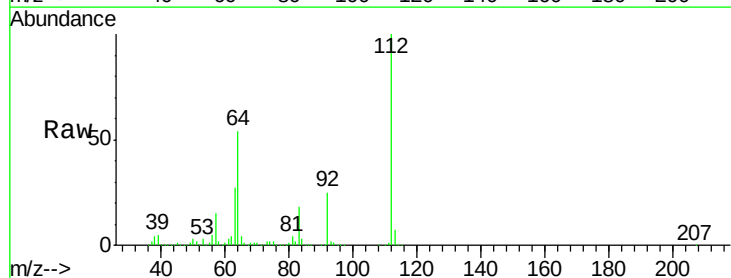
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



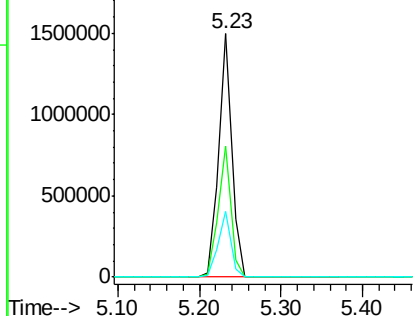
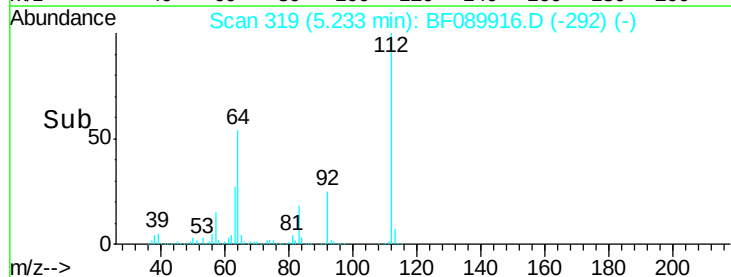
#5

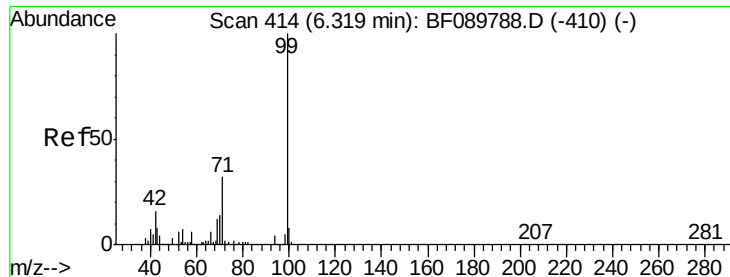
2-Fluorophenol
Concen: 89.37 ng
RT: 5.23 min Scan# 319
Delta R.T. 0.01 min
Lab File: BF089916.D
Acq: 26 Aug 2016 19:12

Tgt Ion:112 Resp: 1683404
Ion Ratio Lower Upper
112 100
64 53.8 45.0 67.4
63 27.0 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: 108.41 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF089916.D

Acq: 26 Aug 2016 19:12

Instrument :

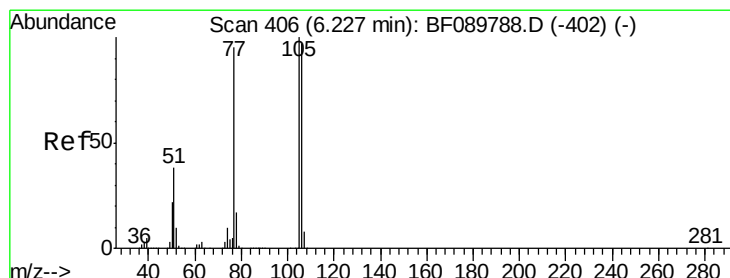
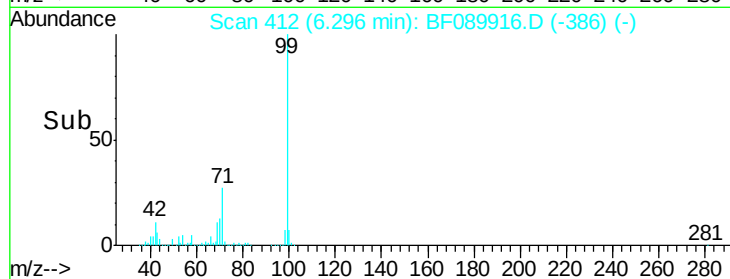
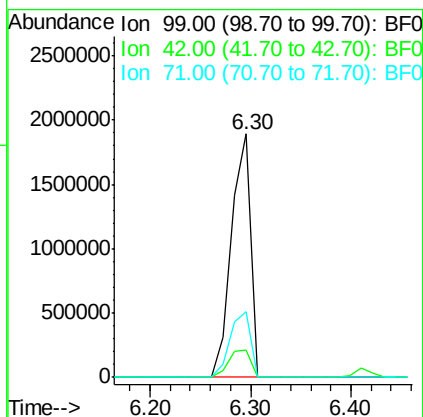
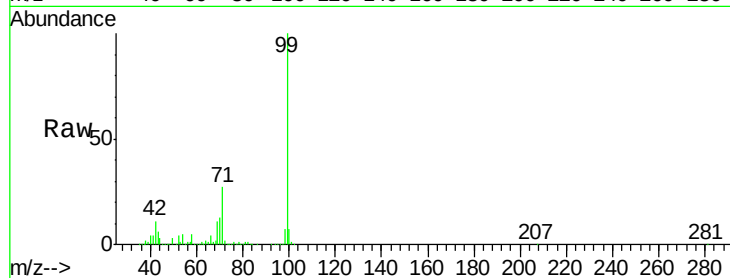
BNA_F

ClientSampleId :

PB93122TB

Tgt Ion: 99 Resp: 2506694

Ion	Ratio	Lower	Upper
99	100		
42	11.0	12.2	18.4#
71	27.1	23.8	35.8



#9

Benzaldehyde

Concen: 2.45 ng

RT: 6.41 min Scan# 422

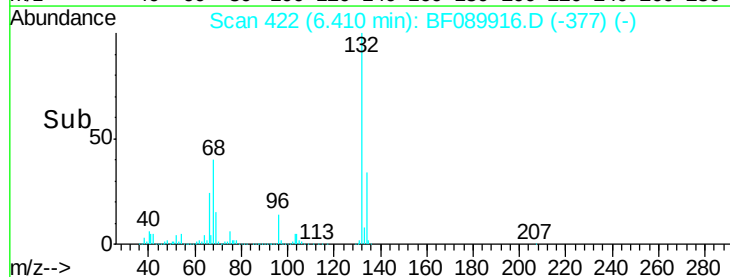
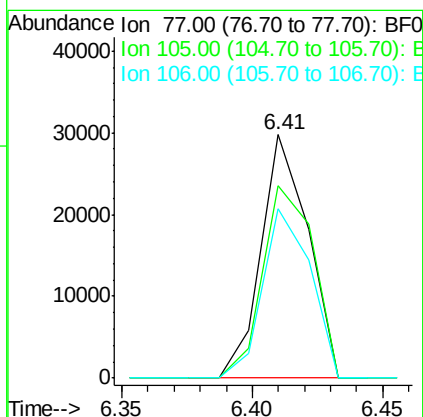
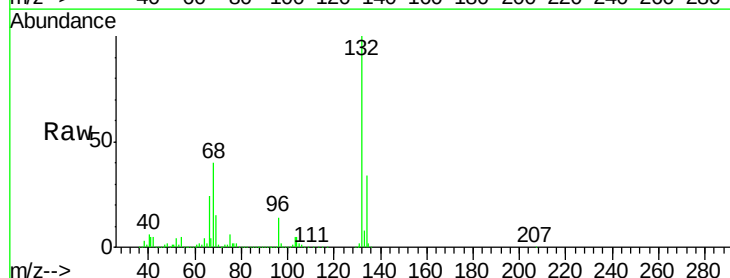
Delta R.T. 0.22 min

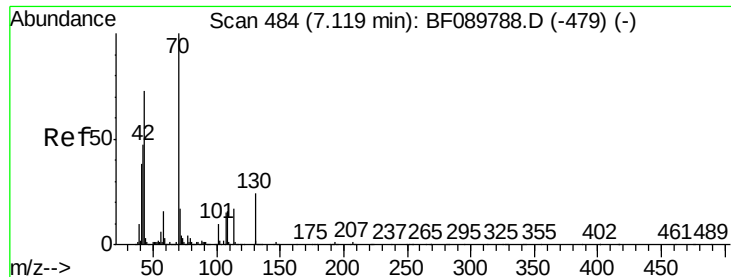
Lab File: BF089916.D

Acq: 26 Aug 2016 19:12

Tgt Ion: 77 Resp: 36870

Ion	Ratio	Lower	Upper
77	100		
105	78.8	73.3	113.3
106	69.6	68.6	108.6

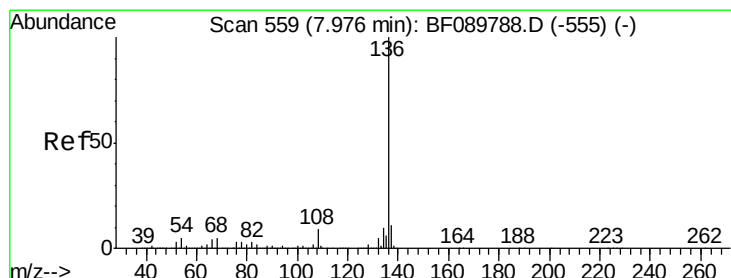
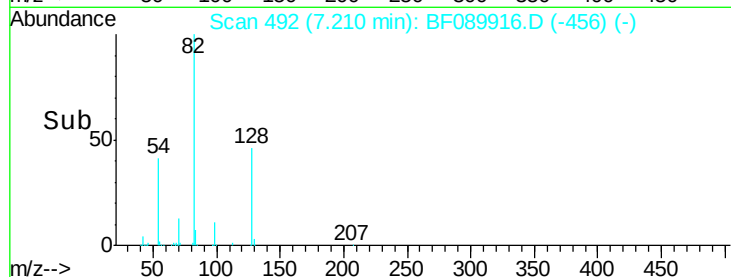
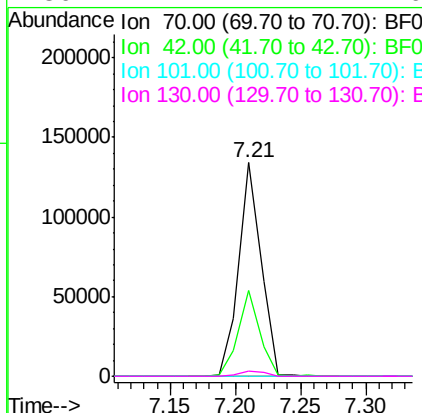
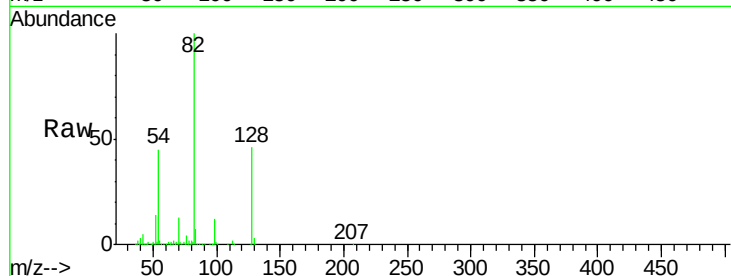




#19
n-Nitroso-di-n-propylamine
Concen: 10.74 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.11 min
Lab File: BF089916.D
Acq: 26 Aug 2016 19:12

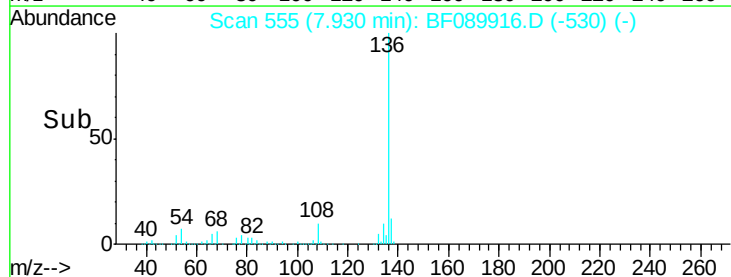
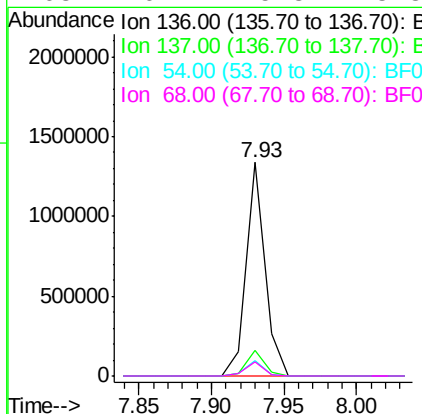
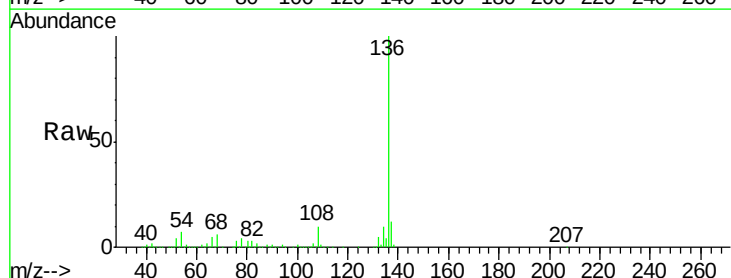
Instrument :
BNA_F
ClientSampleId :
PB93122TB

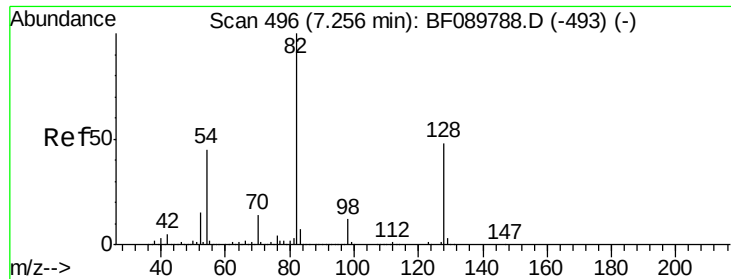
Tgt Ion:	70	Resp:	158803
Ion	Ratio	Lower	Upper
70	100		
42	40.1	46.3	69.5#
101	0.0	7.0	10.6#
130	2.2	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF089916.D
Acq: 26 Aug 2016 19:12

Tgt Ion:	136	Resp:	1208084
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	7.0	7.2	10.8#
68	6.4	5.8	8.8

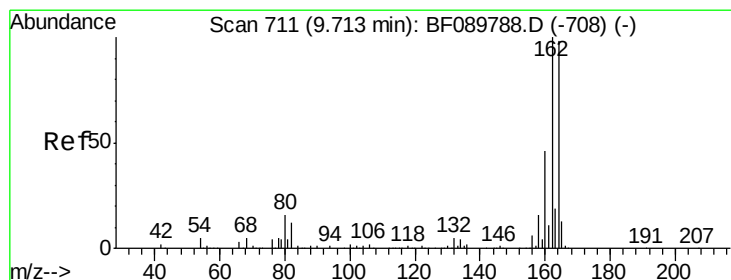
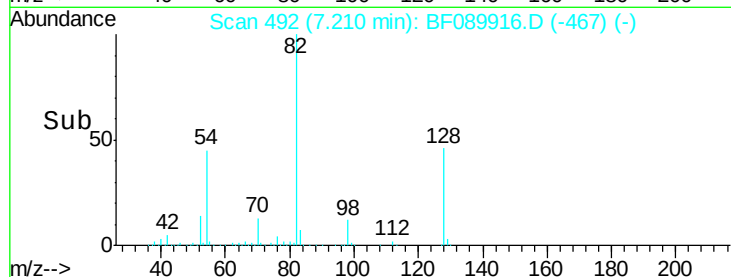
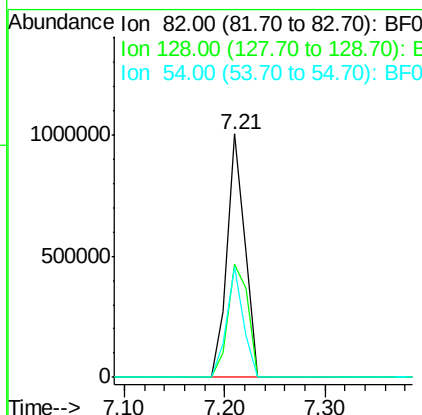
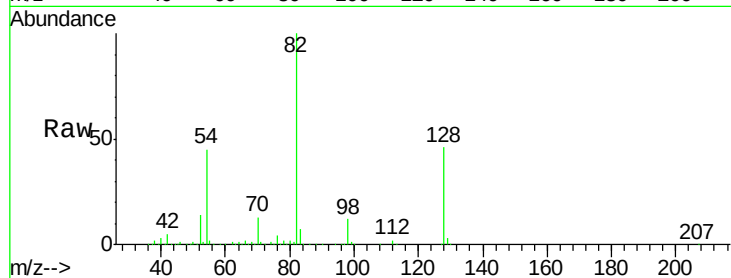




#23
 Nitrobenzene-d5
 Concen: 63.69 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF089916.D
 Acq: 26 Aug 2016 19:12

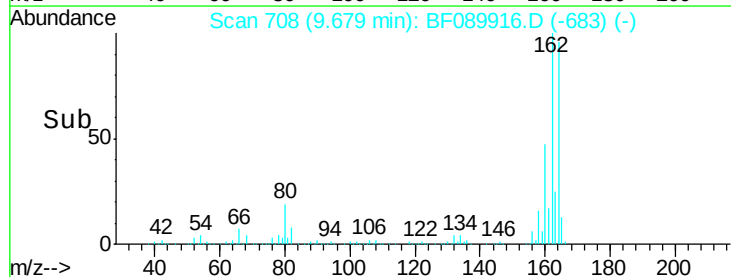
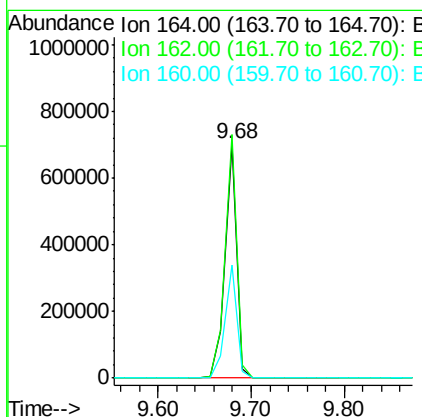
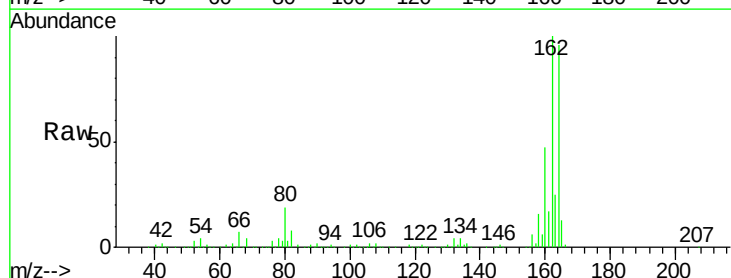
Instrument :
 BNA_F
 ClientSampleId :
 PB93122TB

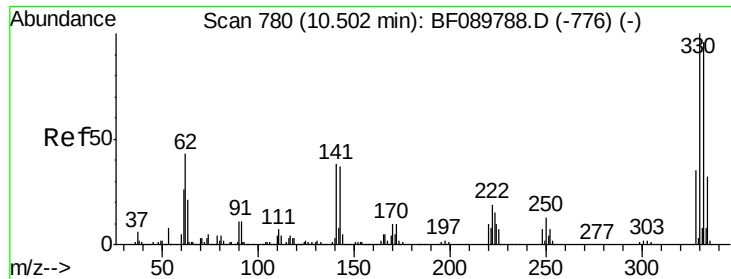
Tgt Ion: 82 Resp: 1238435
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.4 51.6
 54 45.2 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF089916.D
 Acq: 26 Aug 2016 19:12

Tgt Ion: 164 Resp: 602233
 Ion Ratio Lower Upper
 164 100
 162 104.1 81.4 122.2
 160 48.4 37.8 56.6

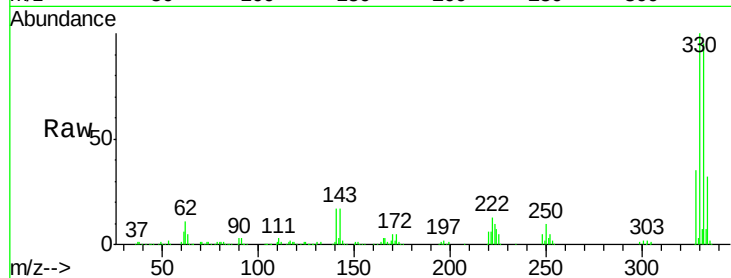




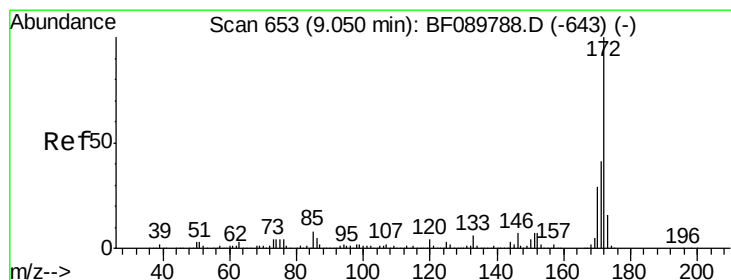
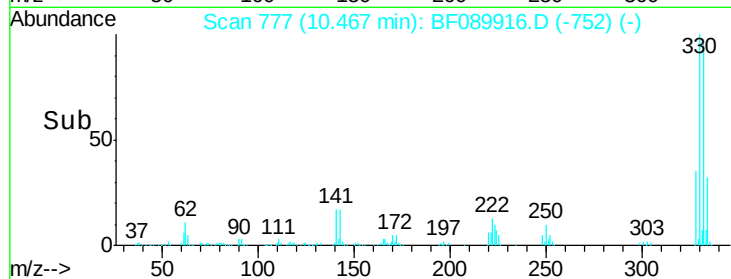
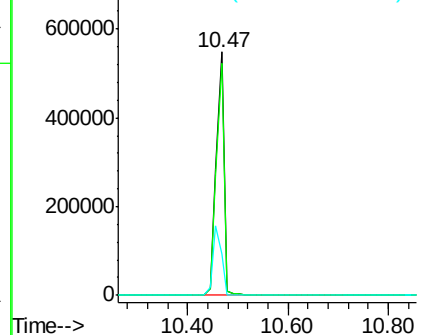
#41
 2,4,6-Tribromophenol
 Concen: 105.13 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF089916.D
 Acq: 26 Aug 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB93122TB

Tgt Ion:330 Resp: 601708
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.7 115.1
 141 31.2 30.2 45.2

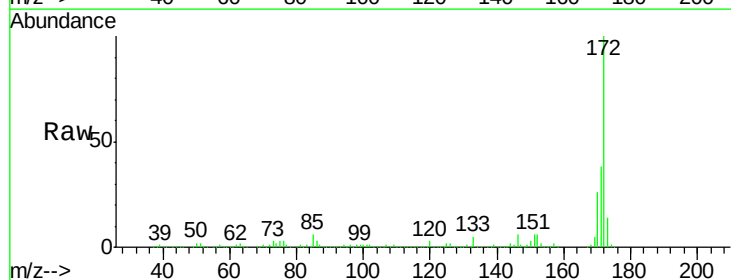


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

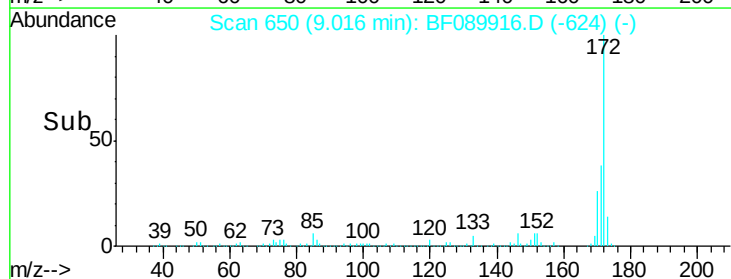
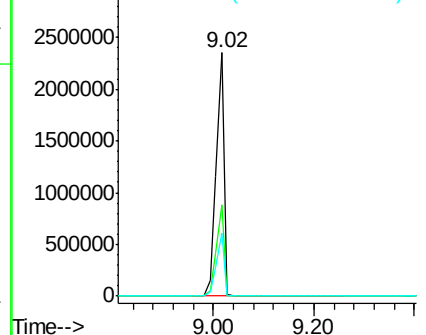


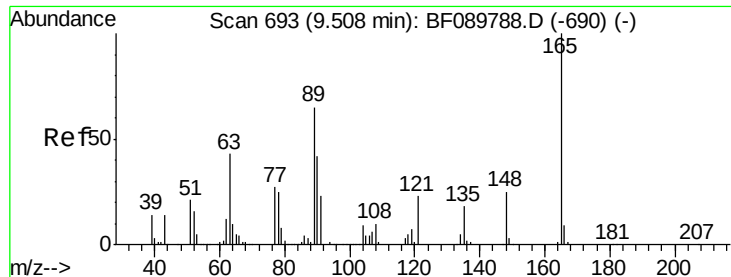
#44
 2-Fluorobiphenyl
 Concen: 74.71 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF089916.D
 Acq: 26 Aug 2016 19:12

Tgt Ion:172 Resp: 2559800
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.5 45.7
 170 25.8 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: 8.02 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.19 min

Lab File: BF089916.D

Acq: 26 Aug 2016 19:12

Instrument :

BNA_F

ClientSampleId :

PB93122TB

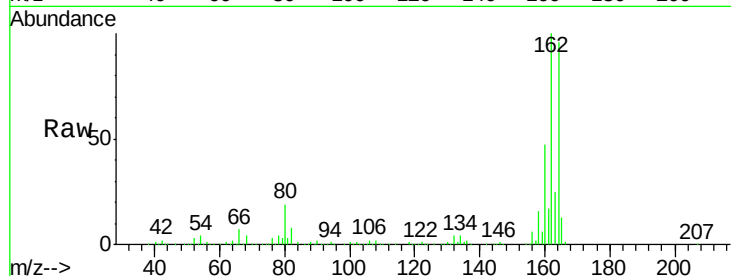
Tgt Ion:165 Resp: 78550

Ion Ratio Lower Upper

165 100

63 1.1 41.7 62.5#

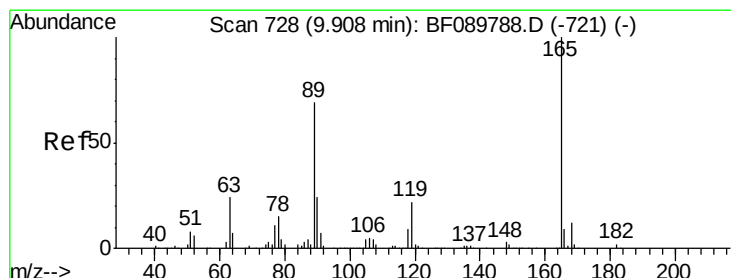
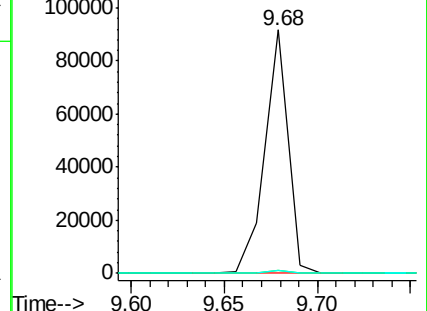
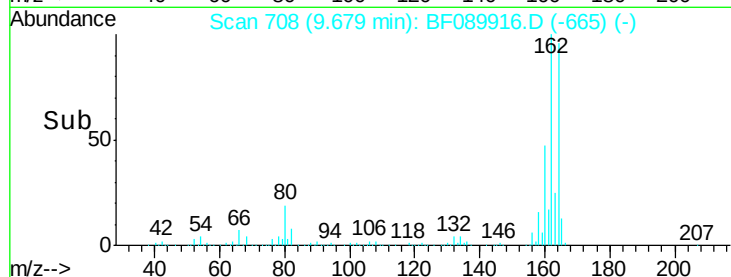
89 1.3 44.6 67.0#



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: 6.18 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.21 min

Lab File: BF089916.D

Acq: 26 Aug 2016 19:12

Tgt Ion:165 Resp: 78550

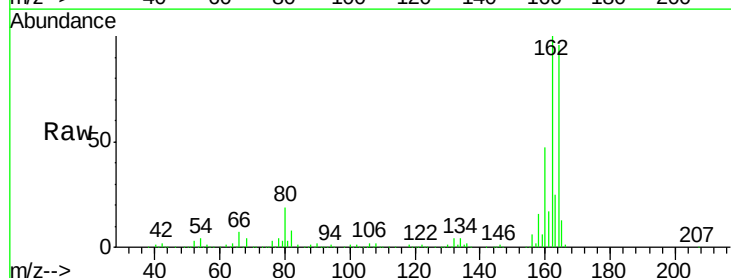
Ion Ratio Lower Upper

165 100

63 1.1 23.7 35.5#

89 1.3 44.0 66.0#

182 0.0 2.0 3.0#

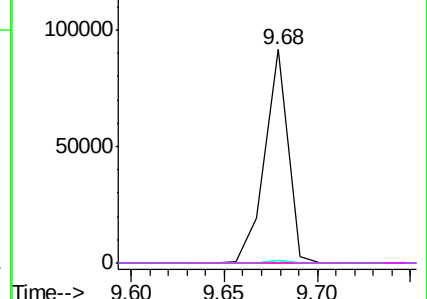
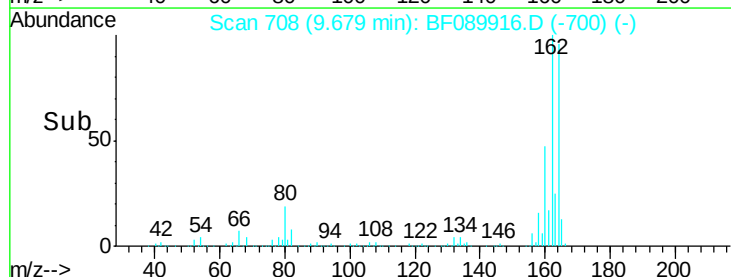


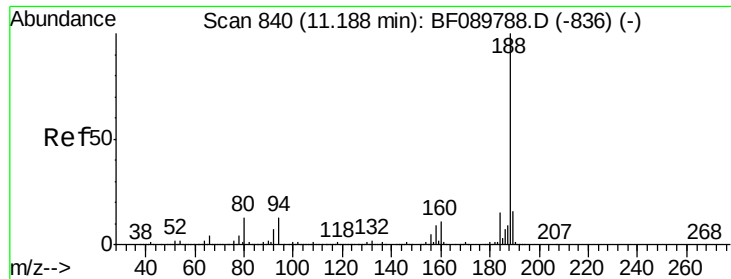
Abundance Ion 165.00 (164.70 to 165.70): E

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

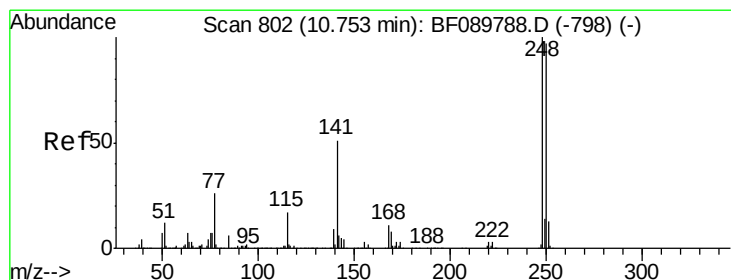
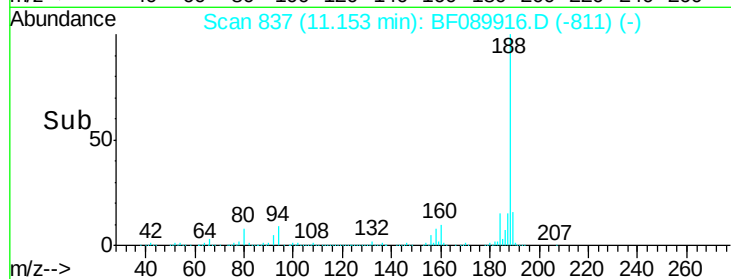
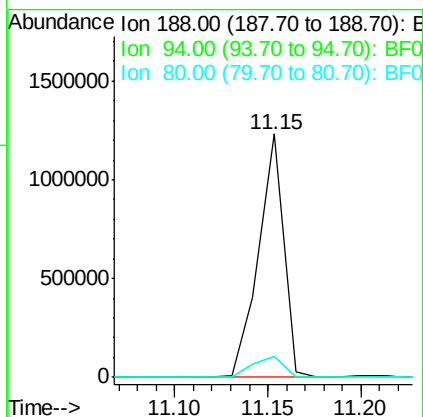
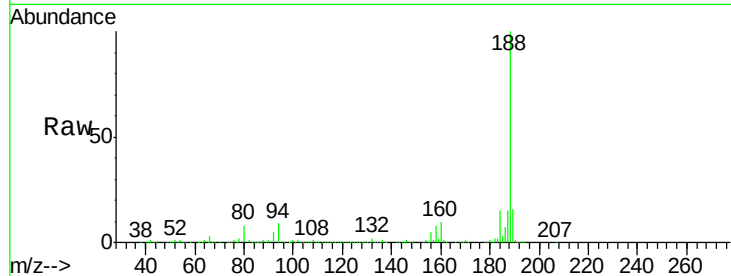




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF089916.D
Acq: 26 Aug 2016 19:12

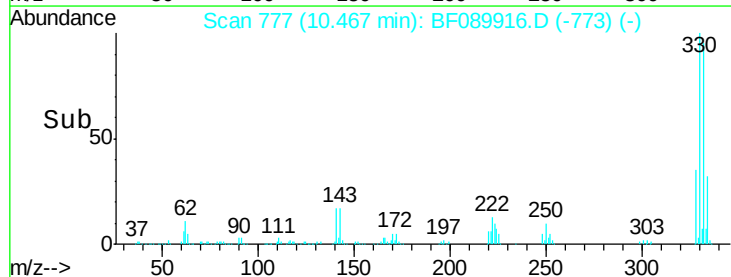
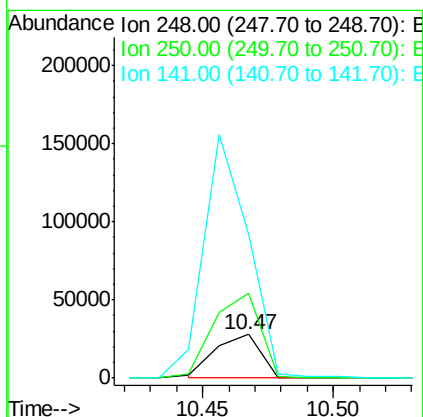
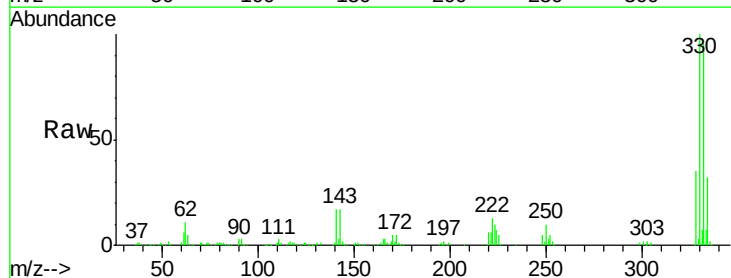
Instrument :
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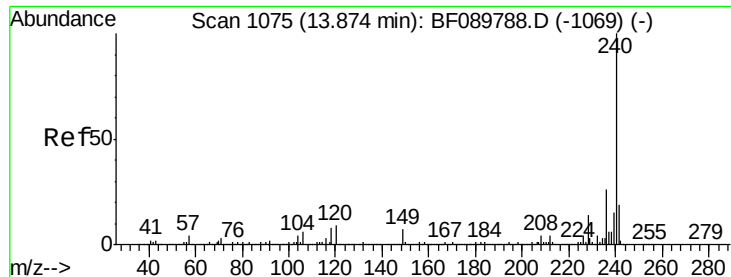
Tgt Ion:188 Resp: 1149467
Ion Ratio Lower Upper
188 100
94 8.6 10.2 15.2#
80 8.5 10.9 16.3#



#66
4-Bromophenyl-phenylether
Concen: 2.81 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.25 min
Lab File: BF089916.D
Acq: 26 Aug 2016 19:12

Tgt Ion:248 Resp: 33900
Ion Ratio Lower Upper
248 100
250 194.9 78.6 117.8#
141 328.4 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: BF089916.D

Acq: 26 Aug 2016 19:12

Instrument :

BNA_F

ClientSampleId :

PB93122TB

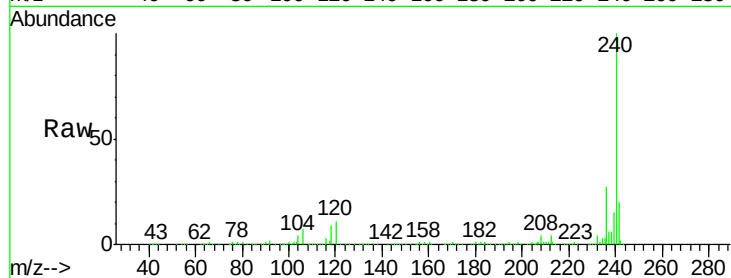
Tgt Ion:240 Resp: 901918

Ion Ratio Lower Upper

240 100

120 10.5 8.3 12.5

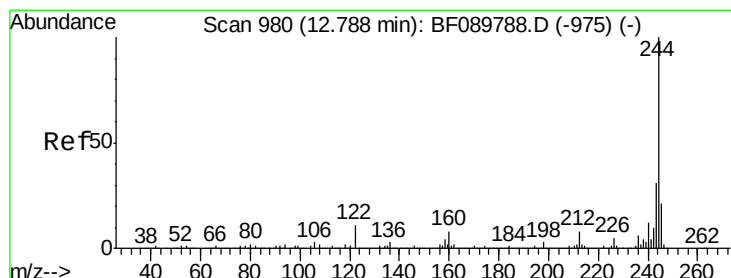
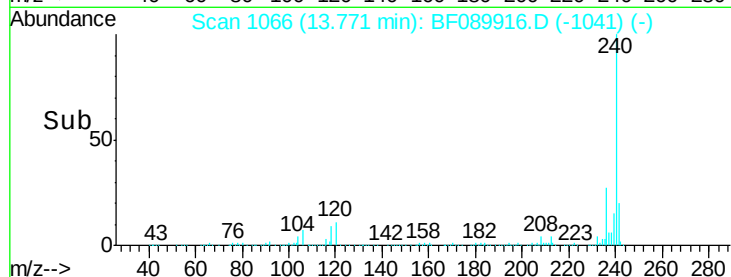
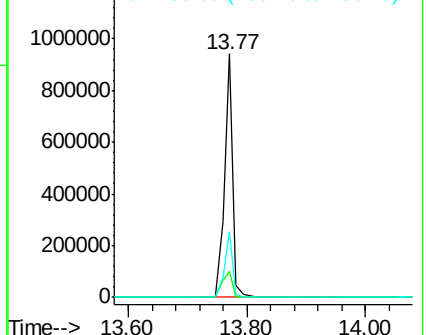
236 26.8 21.3 31.9



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: 52.44 ng

RT: 12.74 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF089916.D

Acq: 26 Aug 2016 19:12

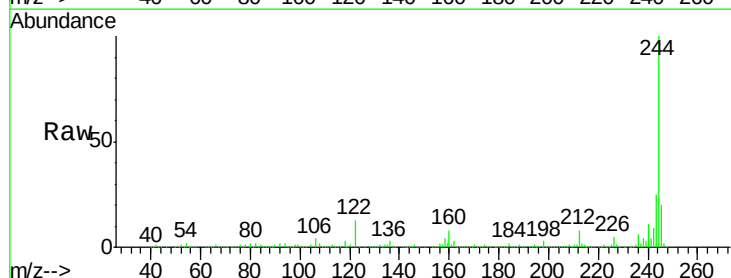
Tgt Ion:244 Resp: 2090696

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

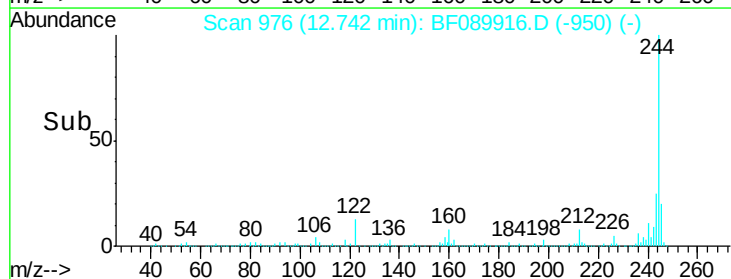
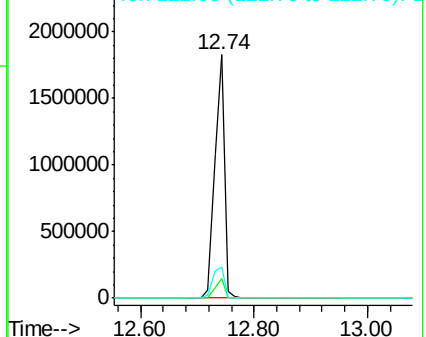
122 12.7 12.0 18.0

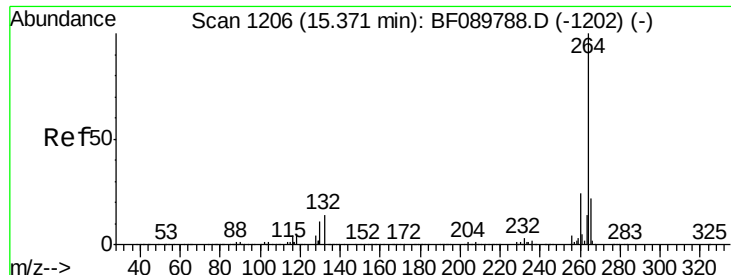


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF089916.D
Acq: 26 Aug 2016 19:12

Instrument :
BNA_F
ClientSampleId :
PB93122TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.2	30.2
265	22.1	17.4	26.2

