

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073016\
 Data File : BF089445.D
 Acq On : 30 Jul 2016 9:09
 Operator : UM/SJ
 Sample : H4215-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:02:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

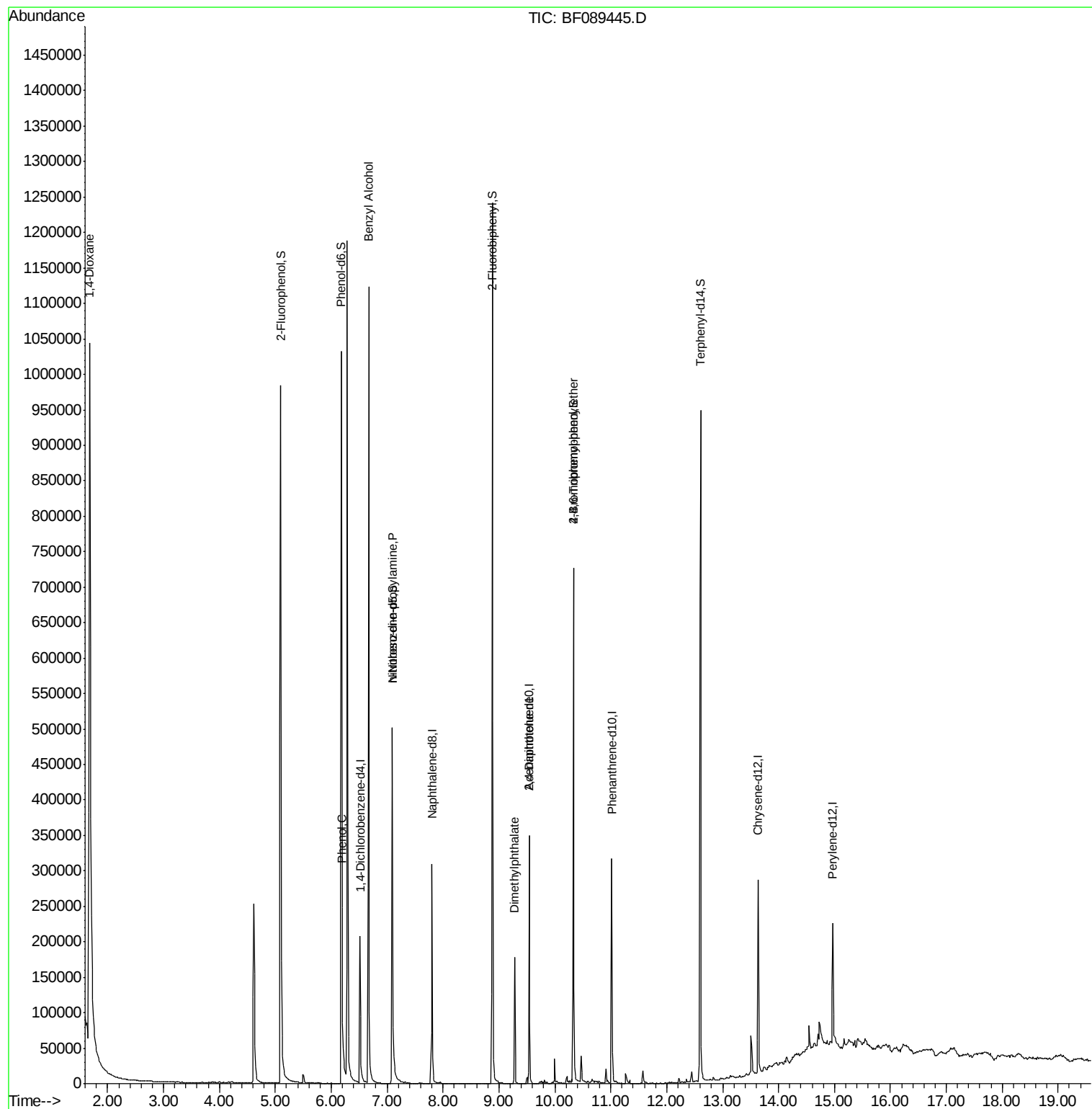
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	41792	20.00	ng	-0.03
21) Naphthalene-d8	7.80	136	162721	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	68064	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	121710	20.00	ng	-0.03
75) Chrysene-d12	13.63	240	92878	20.00	ng	-0.03
86) Perylene-d12	14.97	264	70237	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	377802	144.34	ng	-0.01
7) Phenol-d6	6.18	99	464351	134.25	ng	-0.02
23) Nitrobenzene-d5	7.10	82	289228	104.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.33	330	71193	126.29	ng	-0.03
44) 2-Fluorobiphenyl	8.88	172	465597	100.39	ng	-0.03
78) Terphenyl-d14	12.60	244	389840	98.24	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.68	88	60702	52.26	ng	# 26
10) Phenol	6.19	94	8925	2.34	ng	# 62
15) Benzyl Alcohol	6.67	79	5097	2.37	ng	# 48
19) n-Nitroso-di-n-propylamine	7.10	70	37095	17.78	ng	# 75
49) Dimethylphthalate	9.28	163	70257	13.56	ng	99
56) 2,4-Dinitrotoluene	9.54	165	8351	5.96	ng	# 7
66) 4-Bromophenyl-phenylether	10.33	248	5552	4.78	ng	# 1

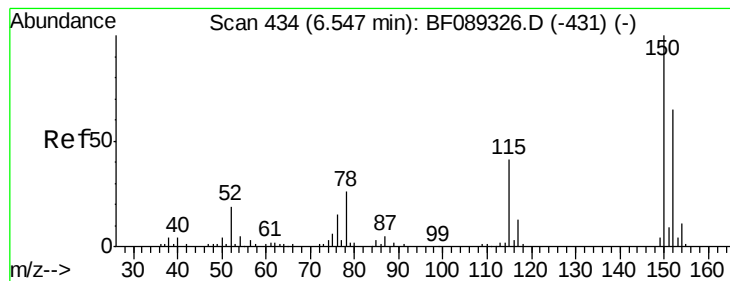
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073016\
Data File : BF089445.D
Acq On : 30 Jul 2016 9:09
Operator : UM/SJ
Sample : H4215-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 01 01:02:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF089445.D

Acq: 30 Jul 2016 9:09

Instrument :

BNA_F

ClientSampleId :

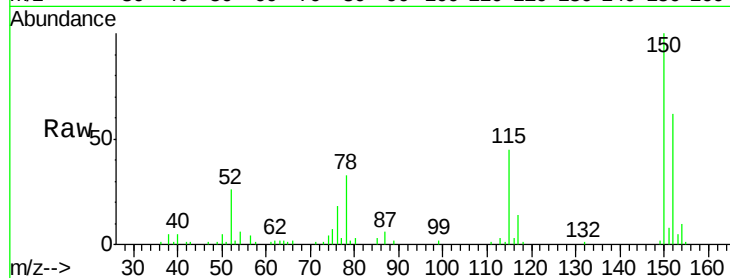
Tot Ion:152 Resp: 41792

Ion Ratio Lower Upper

152 100

150 160.3 129.5 194.3

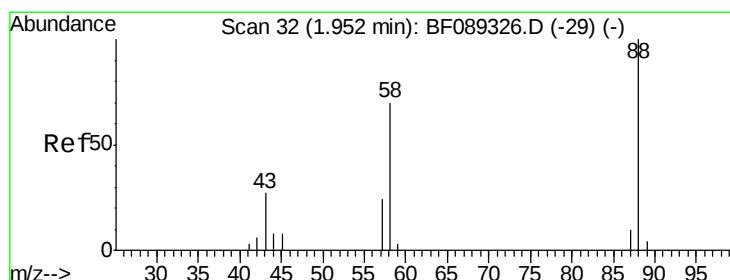
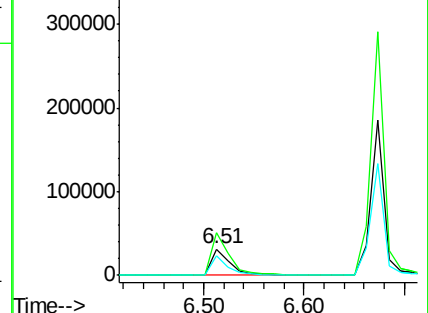
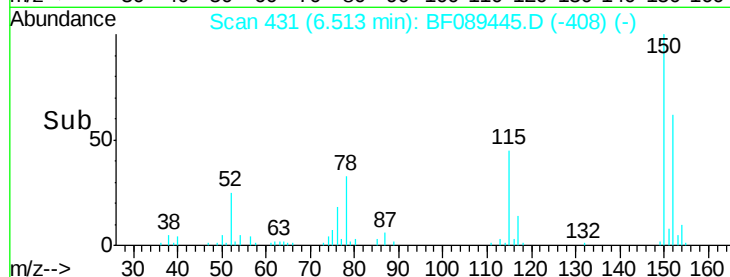
115 72.2 51.4 77.2



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



#2

1,4-Dioxane

Concen: 52.26 ng

RT: 1.68 min Scan# 8

Delta R.T. -0.27 min

Lab File: BF089445.D

Acq: 30 Jul 2016 9:09

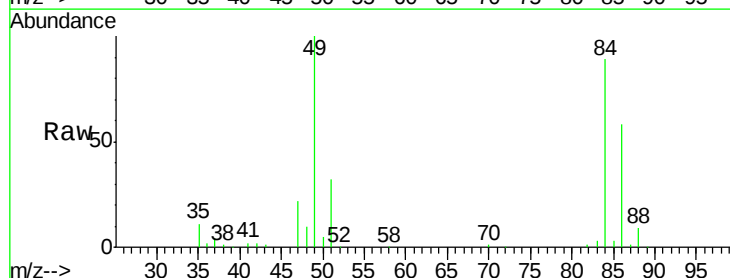
Tgt Ion: 88 Resp: 60702

Ion Ratio Lower Upper

88 100

58 0.0 53.2 79.8#

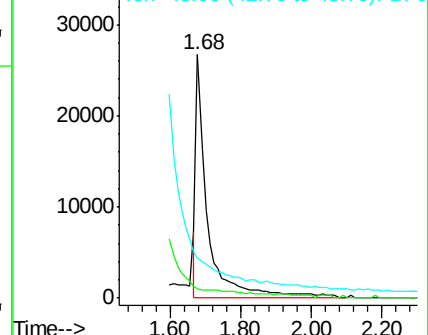
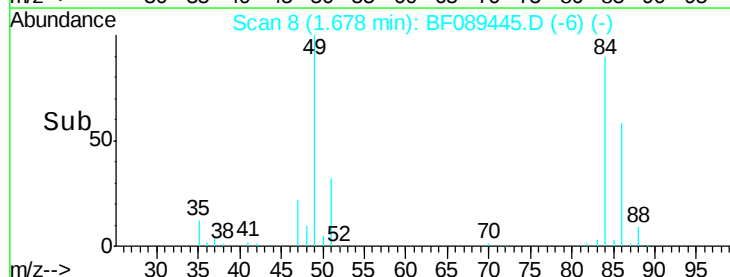
43 0.0 20.6 31.0#

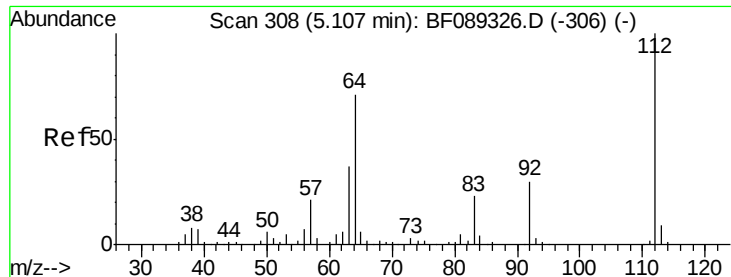


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 144.34 ng

RT: 5.10 min Scan# 307

Delta R.T. -0.01 min

Lab File: BF089445.D

Acq: 30 Jul 2016 9:09

Instrument :

BNA_F

ClientSampled :

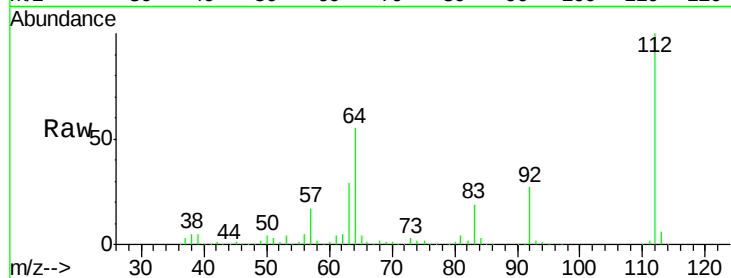
Tot Ion: 112 Resp: 377802

Ion Ratio Lower Upper

112 100

64 54.9 55.0 82.6#

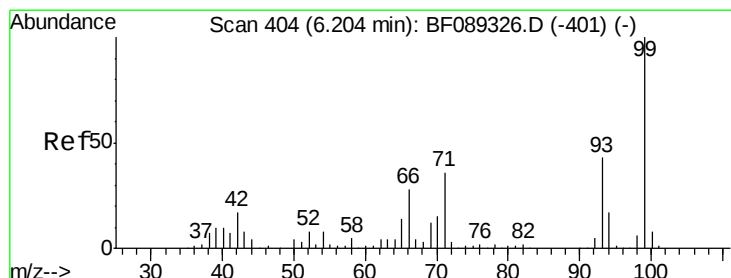
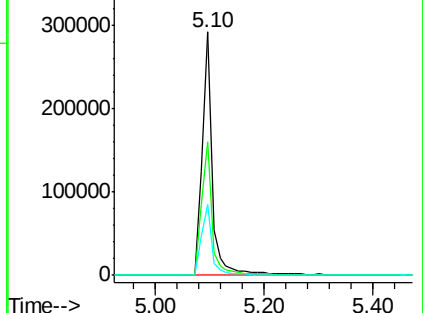
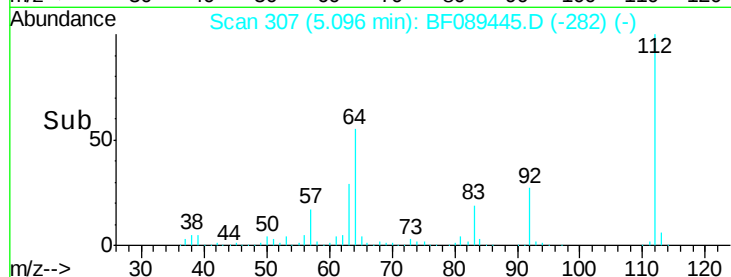
63 29.2 29.4 44.2#



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: 134.25 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089445.D

Acq: 30 Jul 2016 9:09

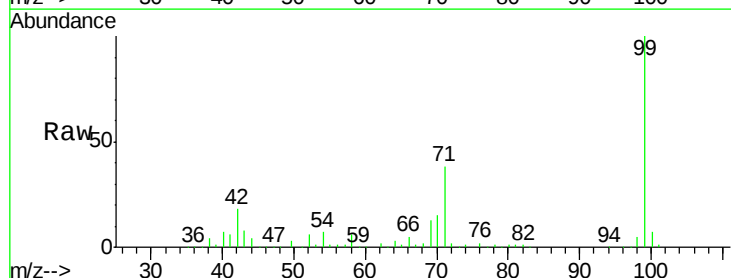
Tgt Ion: 99 Resp: 464351

Ion Ratio Lower Upper

99 100

42 18.3 13.6 20.4

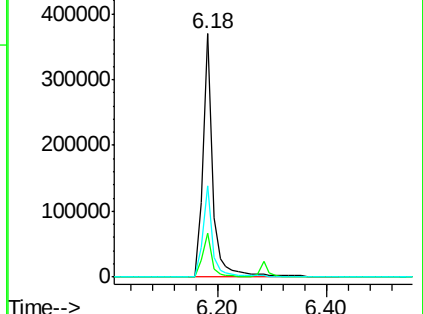
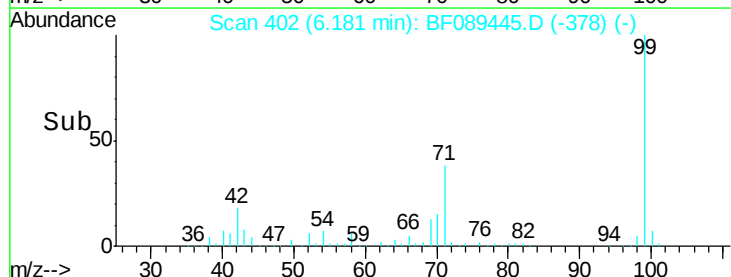
71 37.5 29.4 44.2

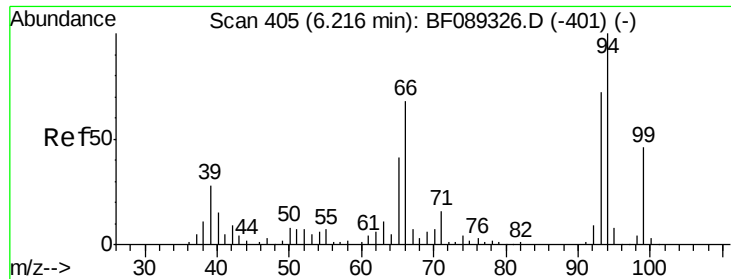


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

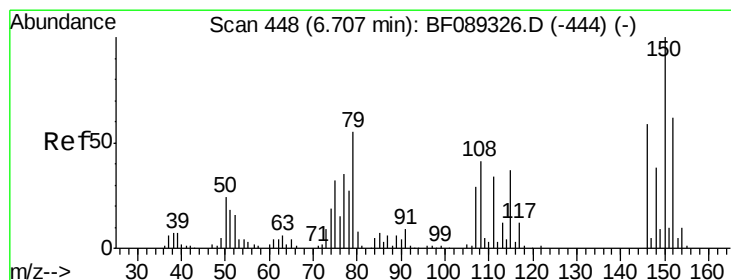
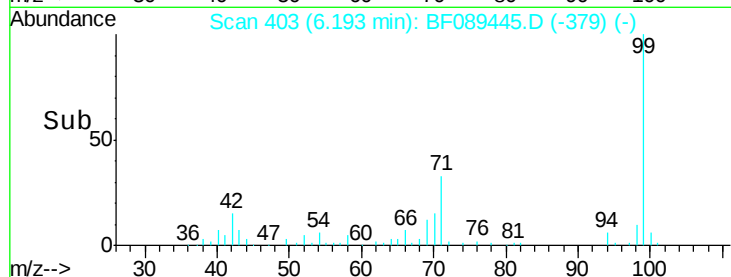
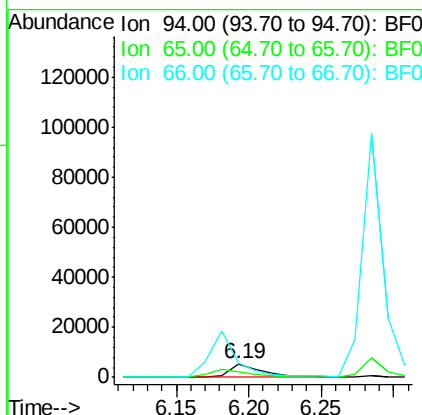
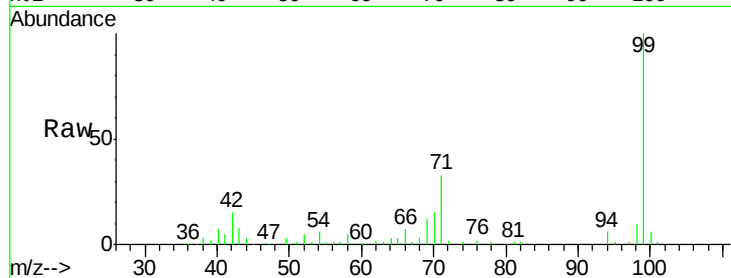




#10
Phenol
Concen: 2.34 ng
RT: 6.19 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF089445.D
Acq: 30 Jul 2016 9:09

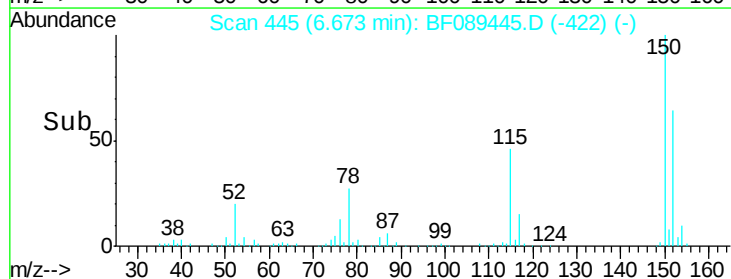
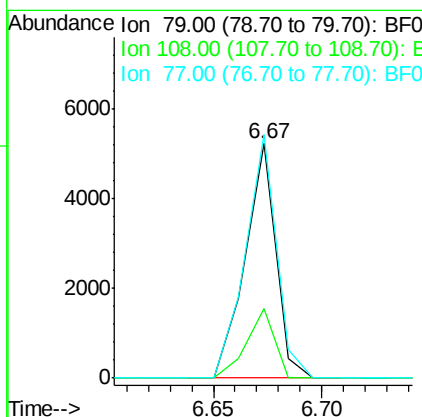
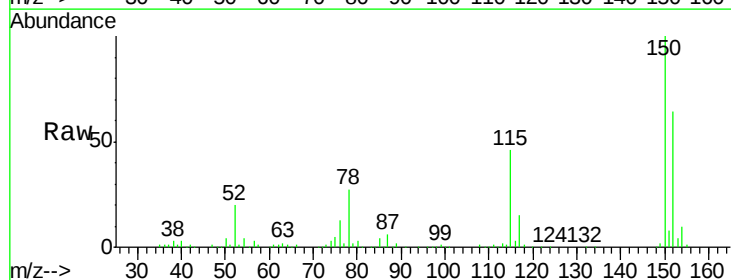
Instrument :
BNA_F
ClientSampleId :

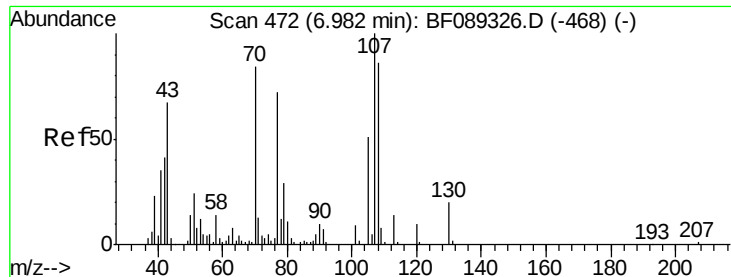
Tot Ion: 94 Resp: 8925
Ion Ratio Lower Upper
94 100
65 41.2 19.1 59.1
66 110.3 44.4 84.4#



#15
Benzyl Alcohol
Concen: 2.37 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF089445.D
Acq: 30 Jul 2016 9:09

Tgt Ion: 79 Resp: 5097
Ion Ratio Lower Upper
79 100
108 29.6 59.8 89.6#
77 103.9 51.7 77.5#

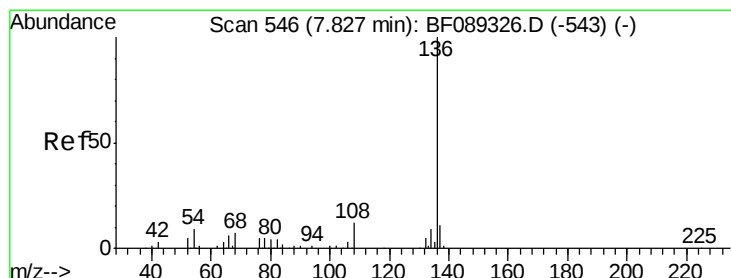
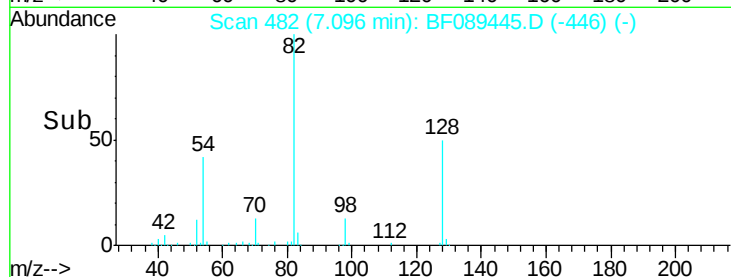
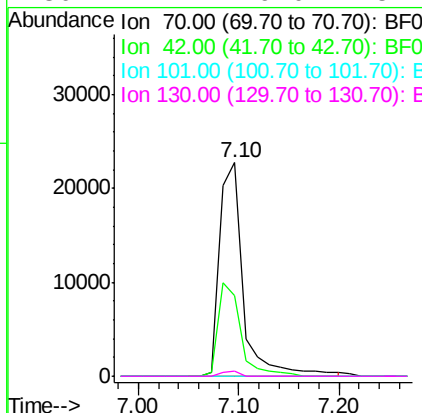
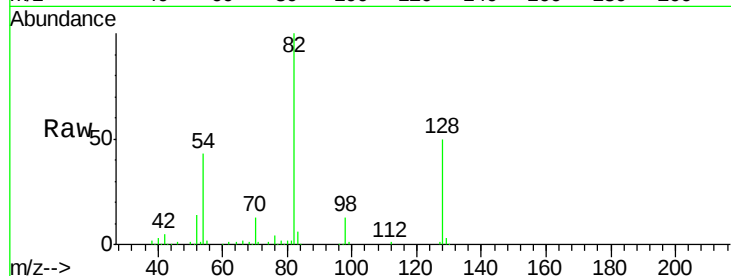




#19
n-Nitroso-di-n-propylamine
Concen: 17.78 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.11 min
Lab File: BF089445.D
Acq: 30 Jul 2016 9:09

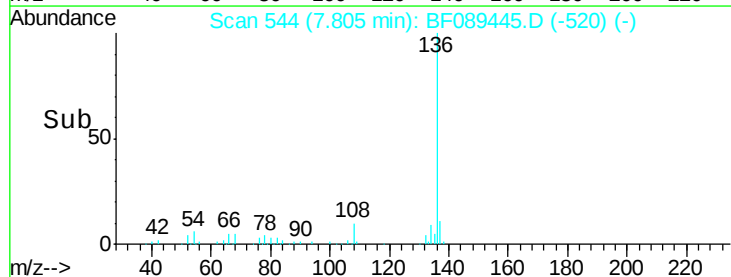
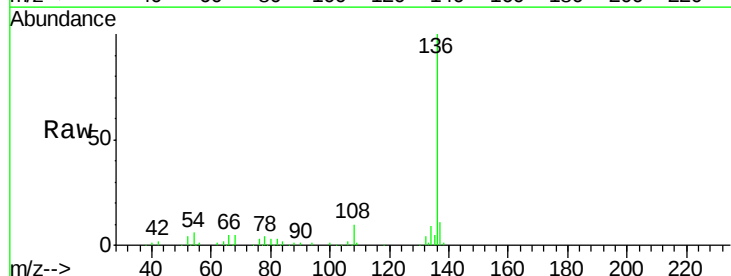
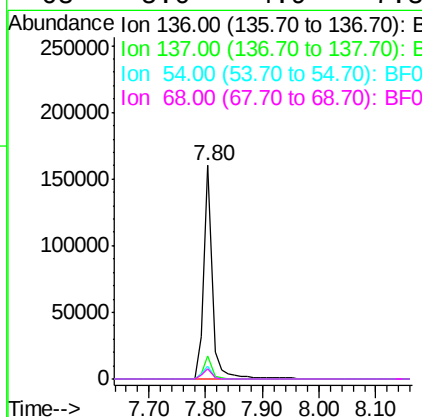
Instrument :
BNA_F
ClientSampleId :

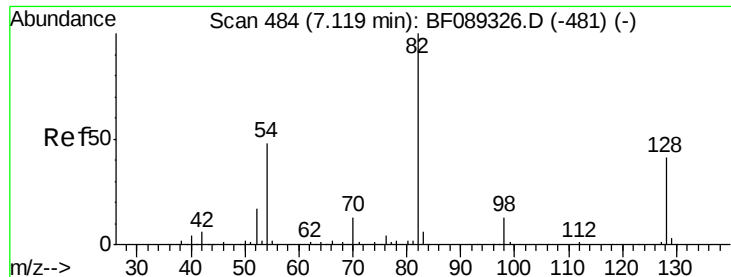
Tot Ion: 70 Resp: 37095
Ion Ratio Lower Upper
70 100
42 38.0 38.6 57.8#
101 0.0 8.3 12.5#
130 2.7 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF089445.D
Acq: 30 Jul 2016 9:09

Tgt Ion: 136 Resp: 162721
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.0 7.0 10.4#
68 5.0 4.9 7.3

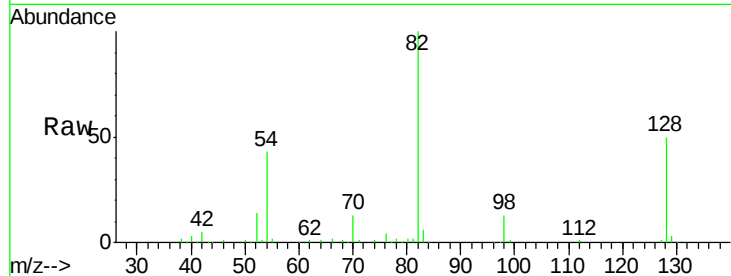




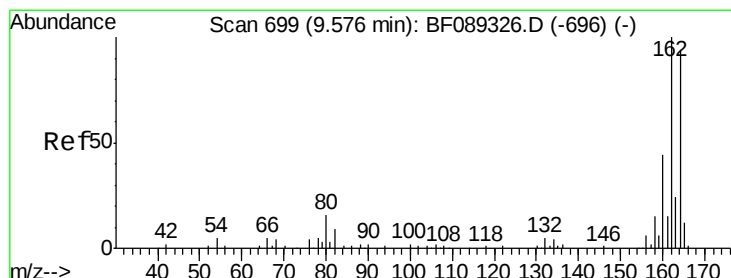
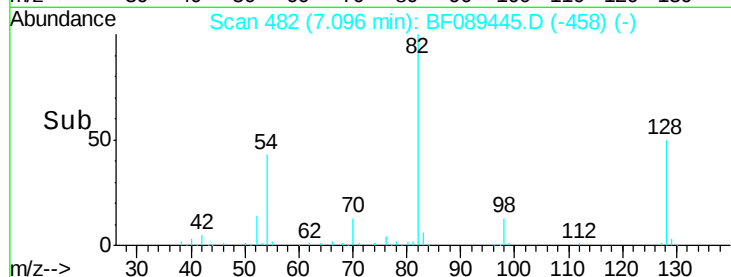
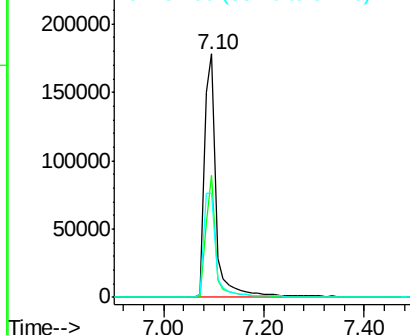
#23
 Nitrobenzene-d5
 Concen: 104.92 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF089445.D
 Acq: 30 Jul 2016 9:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 289228
 Ion Ratio Lower Upper
 82 100
 128 49.9 32.5 48.7#
 54 42.6 38.8 58.2

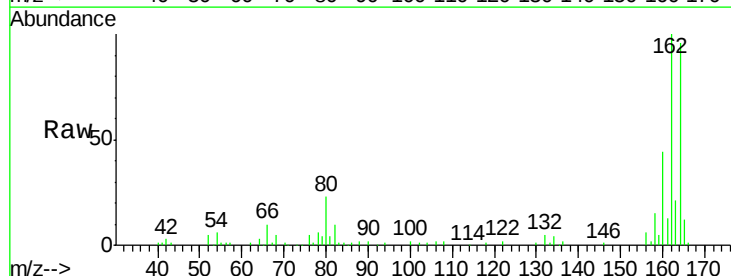


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

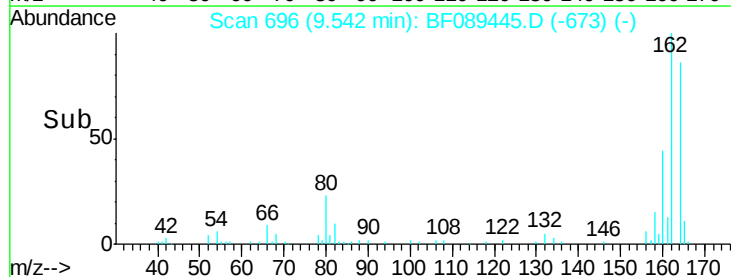
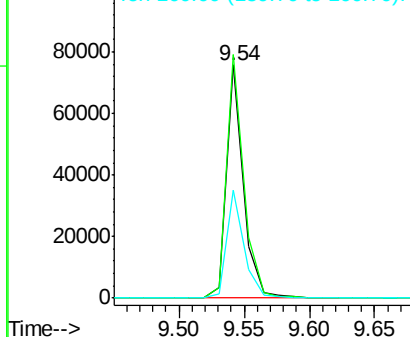


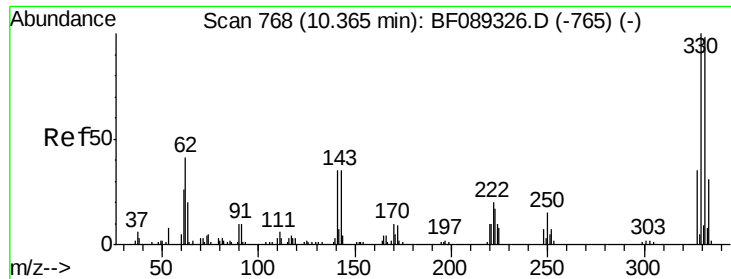
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 696
 Delta R.T. -0.03 min
 Lab File: BF089445.D
 Acq: 30 Jul 2016 9:09

Tgt Ion: 164 Resp: 68064
 Ion Ratio Lower Upper
 164 100
 162 104.5 83.7 125.5
 160 46.1 37.8 56.6



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

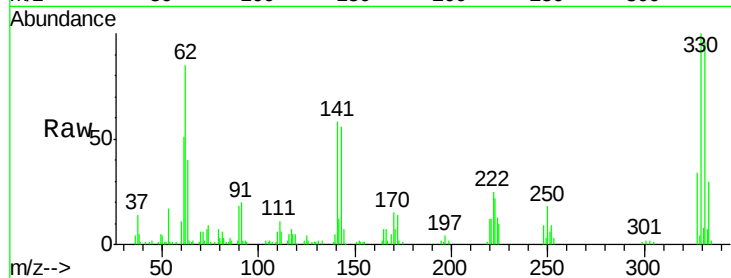




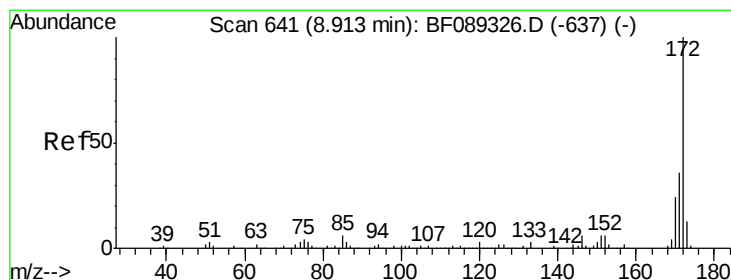
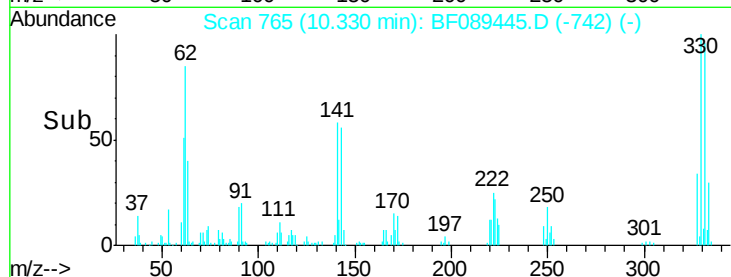
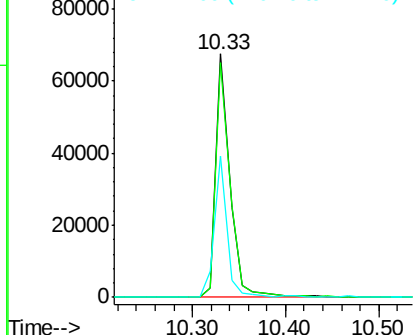
#41
 2,4,6-Tribromophenol
 Concen: 126.29 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.03 min
 Lab File: BF089445.D
 Acq: 30 Jul 2016 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 71193
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.8 115.2
 141 51.7 37.3 55.9

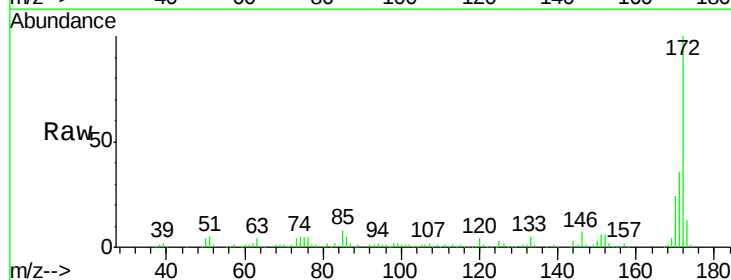


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

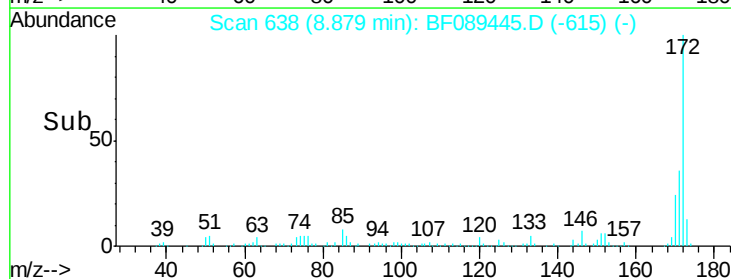
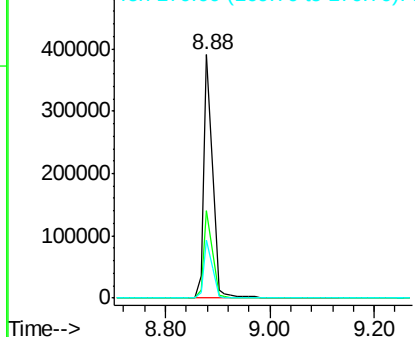


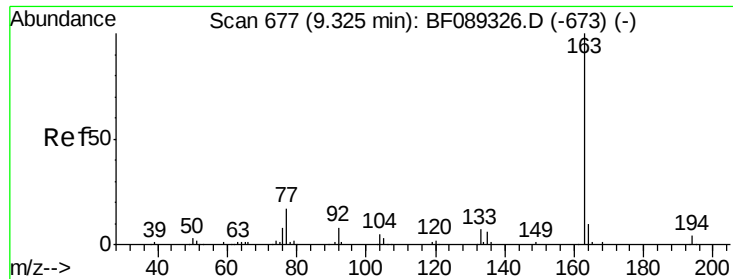
#44
 2-Fluorobiphenyl
 Concen: 100.39 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.03 min
 Lab File: BF089445.D
 Acq: 30 Jul 2016 9:09

Tgt Ion:172 Resp: 465597
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.8 19.2 28.8



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

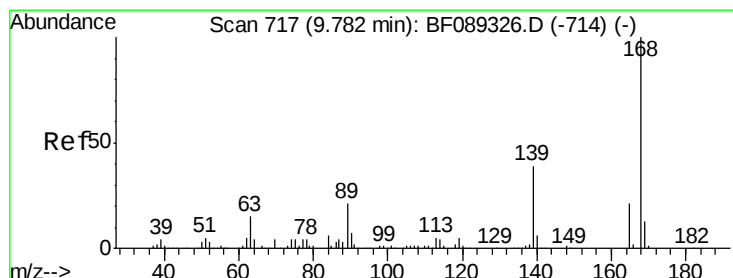
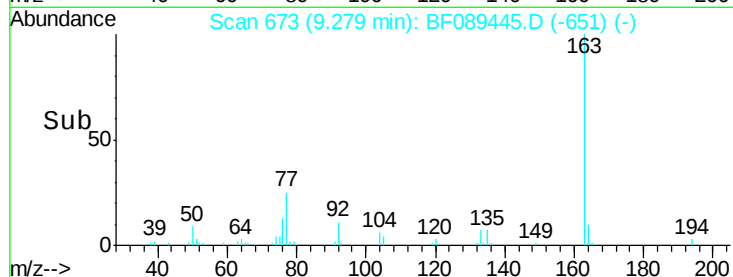
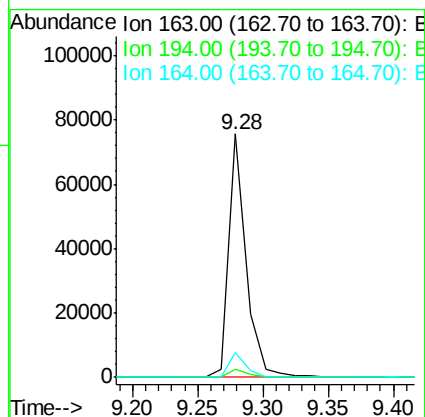
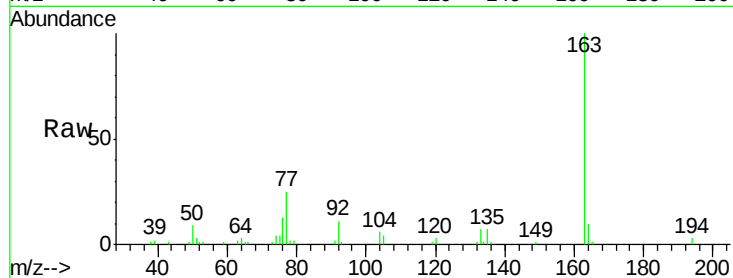




#49
Dimethylphthalate
Concen: 13.56 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF089445.D
Acq: 30 Jul 2016 9:09

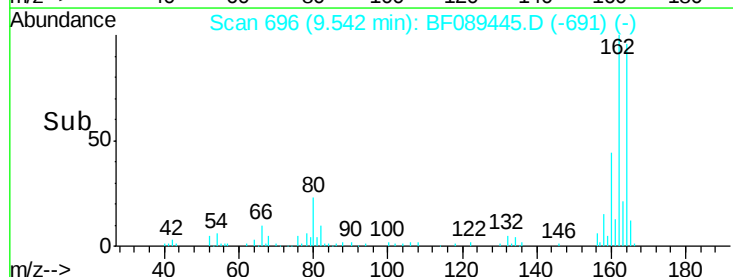
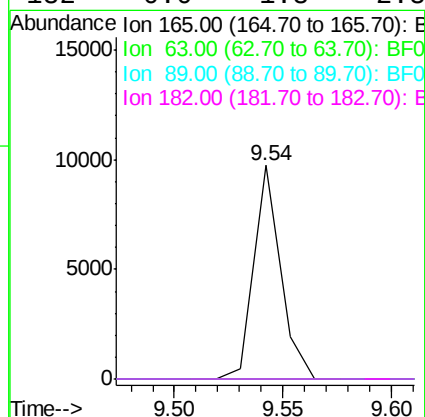
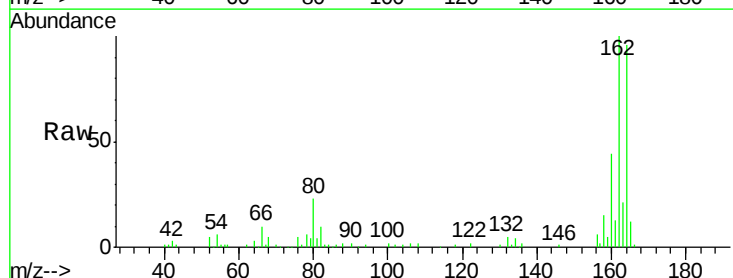
Instrument :
BNA_F
ClientSampled :

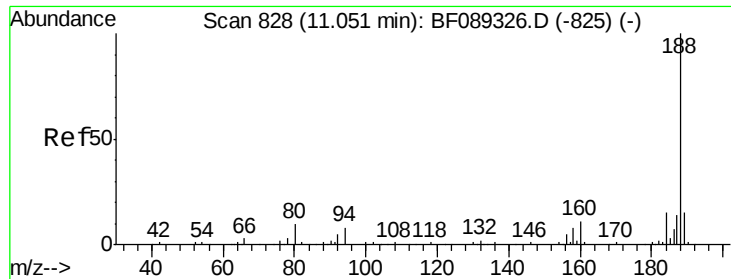
Tot Ion:163 Resp: 70257
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.3 7.8 11.8



#56
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.24 min
Lab File: BF089445.D
Acq: 30 Jul 2016 9:09

Tgt Ion:165 Resp: 8351
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.2#
89 0.0 79.1 118.7#
182 0.0 1.8 2.8#

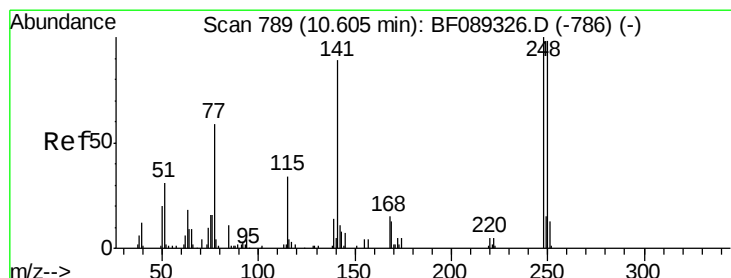
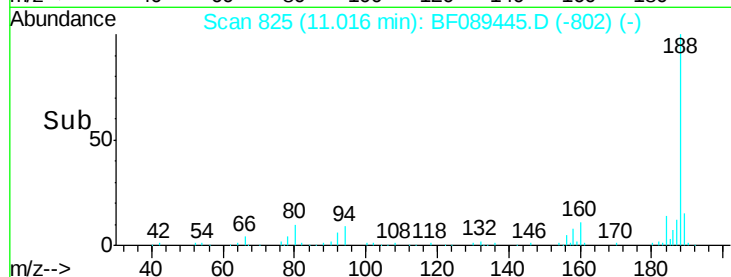
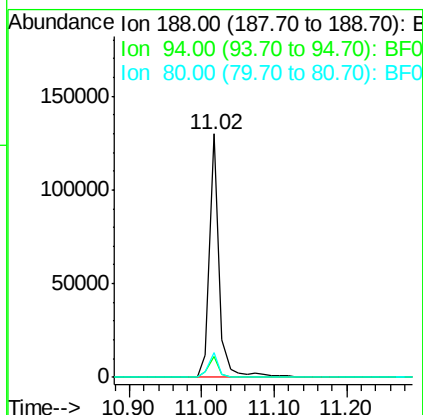
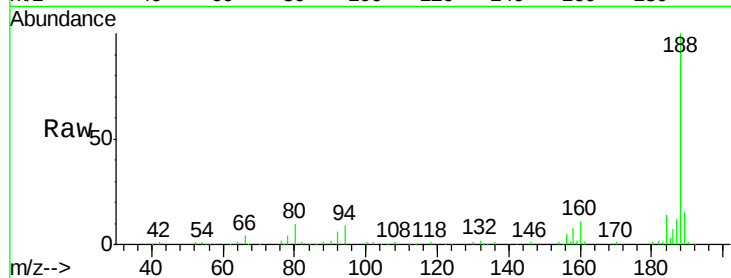




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 825
 Delta R.T. -0.03 min
 Lab File: BF089445.D
 Acq: 30 Jul 2016 9:09

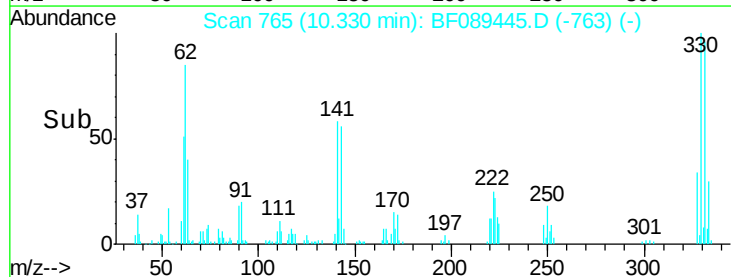
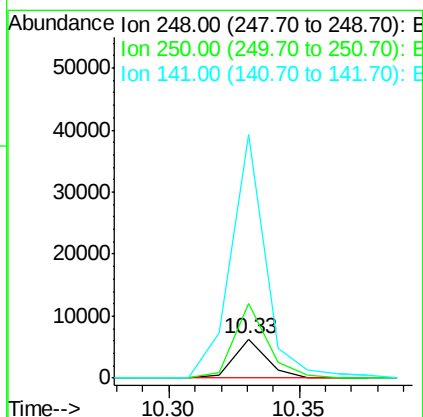
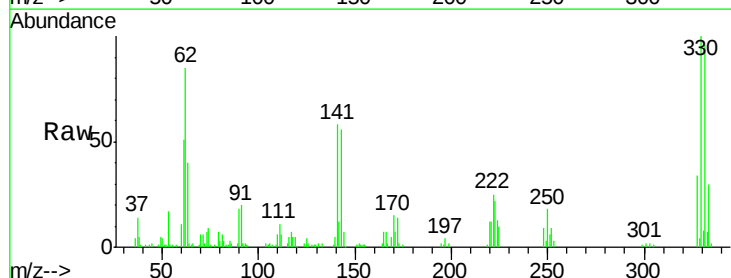
Instrument :
 BNA_F
 ClientSampleId :

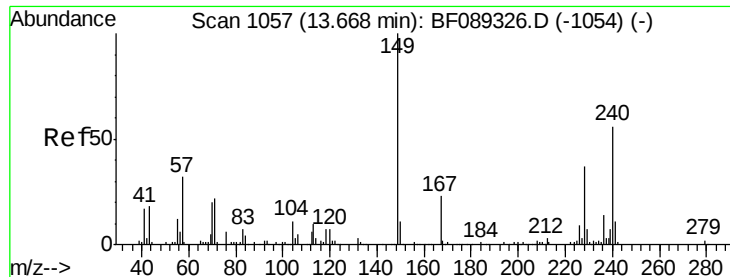
Tot Ion:188 Resp: 121710
 Ion Ratio Lower Upper
 188 100
 94 8.8 6.5 9.7
 80 10.2 7.2 10.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.78 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.27 min
 Lab File: BF089445.D
 Acq: 30 Jul 2016 9:09

Tgt Ion:248 Resp: 5552
 Ion Ratio Lower Upper
 248 100
 250 190.2 78.2 117.2#
 141 621.1 62.0 93.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.03 min

Lab File: BF089445.D

Acq: 30 Jul 2016 9:09

Instrument :

BNA_F

ClientSampleId :

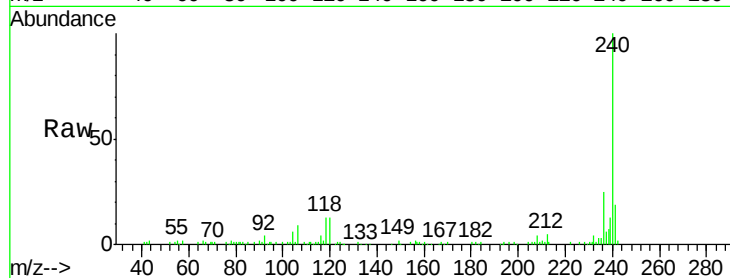
Tot Ion:240 Resp: 92878

Ion Ratio Lower Upper

240 100

120 12.5 9.1 13.7

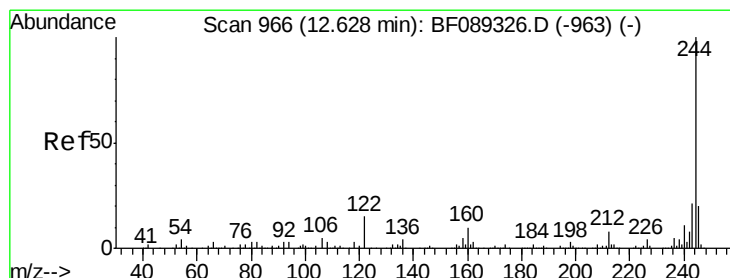
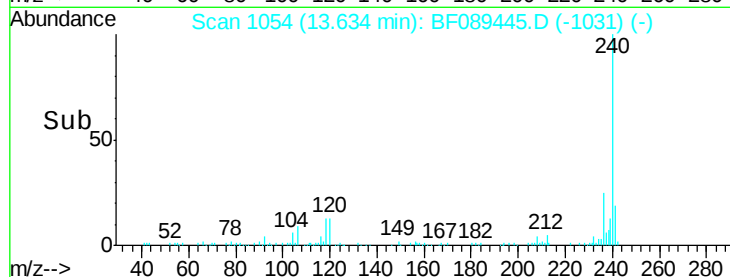
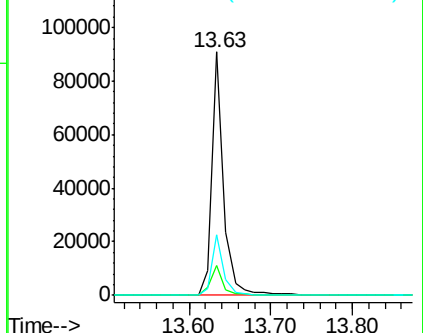
236 25.1 20.6 30.8



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: 98.24 ng

RT: 12.60 min Scan# 964

Delta R.T. -0.02 min

Lab File: BF089445.D

Acq: 30 Jul 2016 9:09

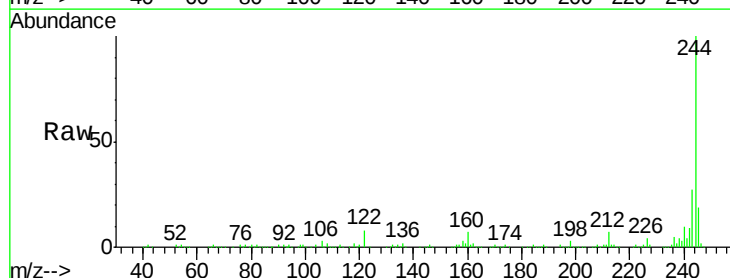
Tgt Ion:244 Resp: 389840

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

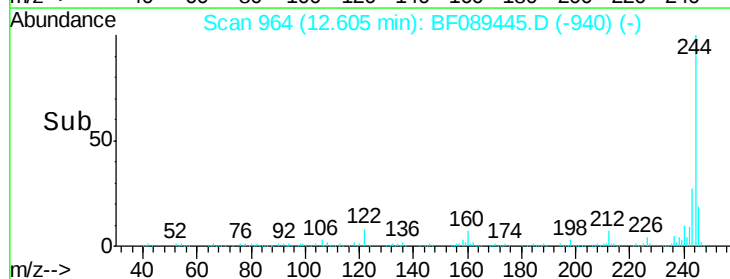
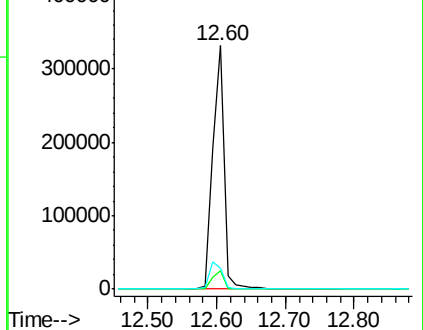
122 8.4 11.4 17.0#

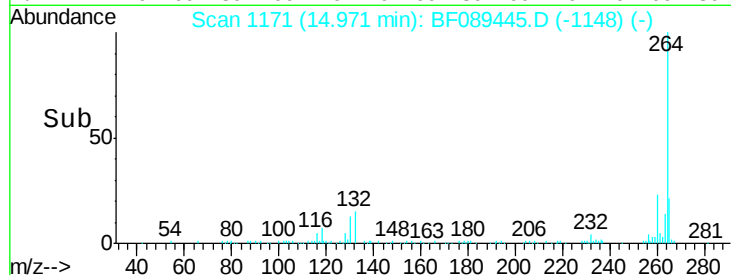
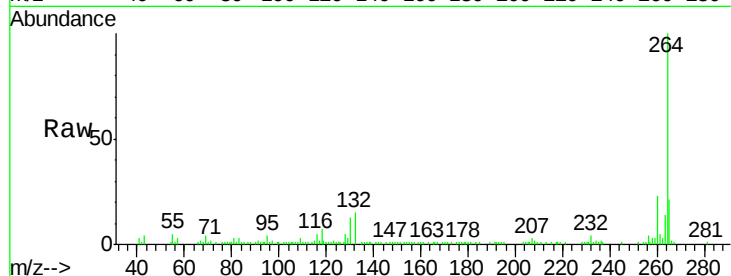
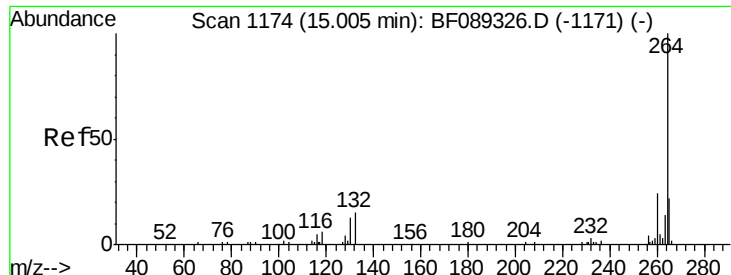


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 1171
 Delta R.T. -0.03 min
 Lab File: BF089445.D
 Acq: 30 Jul 2016 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	70237
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	21.4	17.5	26.3

