

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090716\
 Data File : BF090000.D
 Acq On : 7 Sep 2016 12:59
 Operator : UM/SJ
 Sample : H4676-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

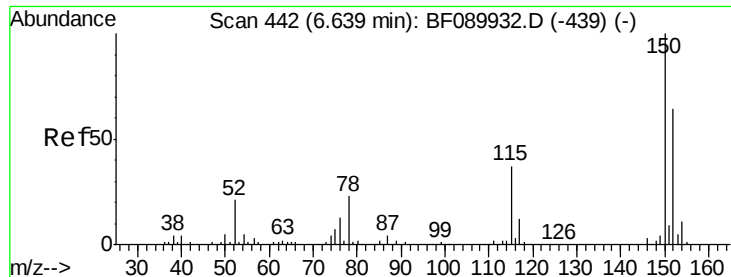
Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-6

Quant Time: Sep 07 14:58:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	182176	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	708171	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	380748	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	766468	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	628582	20.00	ng	-0.03
86) Perylene-d12	15.07	264	499709	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1494474	131.31	ng	-0.01
7) Phenol-d6	6.27	99	2090367	151.15	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1210842	99.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	480971	128.04	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1950301	84.08	ng	-0.02
78) Terphenyl-d14	12.71	244	2113743	83.07	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.76	79	19036	2.20	ng	# 51
19) n-Nitroso-di-n-propylamine	7.19	70	165605	18.38	ng	# 79
25) Isophorone	7.19	82	1171655	47.19	ng	# 65
49) Dimethylphthalate	9.38	163	537343	19.53	ng	98
56) 2,4-Dinitrotoluene	9.64	165	48489	6.25	ng	# 29
59) Diethylphthalate	10.07	149	60638	2.34	ng	97
66) 4-Bromophenyl-phenylether	10.43	248	34086	4.42	ng	# 1

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

```
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Sample    : H4676-01  
Misc      :  
ALS Vial  : 3 Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF090000.D

Acq: 7 Sep 2016 12:59

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-6

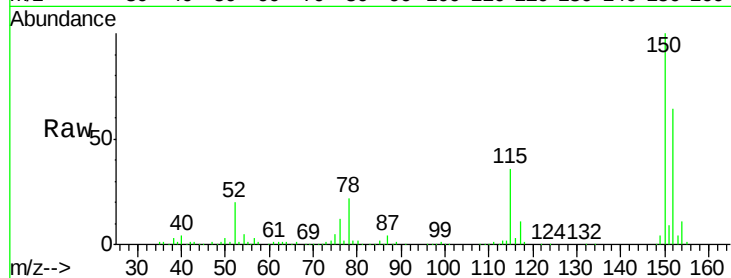
Tot Ion:152 Resp: 182176

Ion Ratio Lower Upper

152 100

150 156.7 127.4 191.2

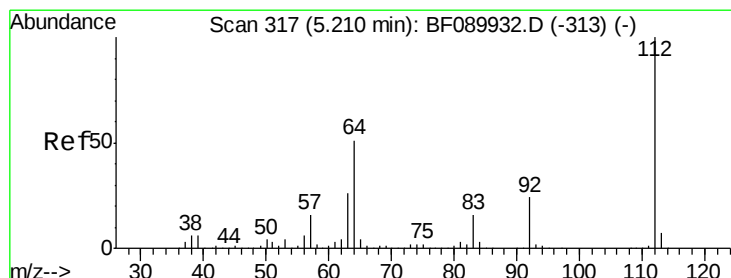
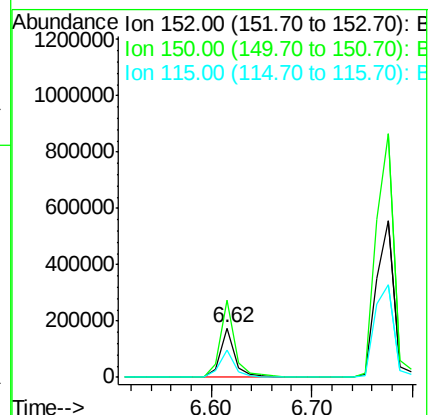
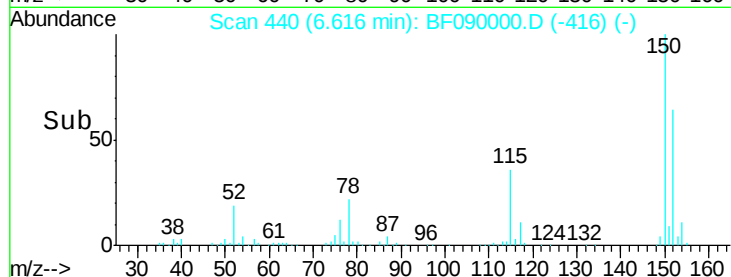
115 56.1 46.3 69.5



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: 131.31 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.01 min

Lab File: BF090000.D

Acq: 7 Sep 2016 12:59

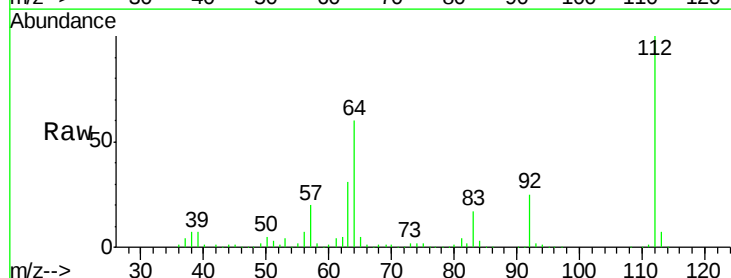
Tgt Ion:112 Resp: 1494474

Ion Ratio Lower Upper

112 100

64 60.4 41.1 61.7

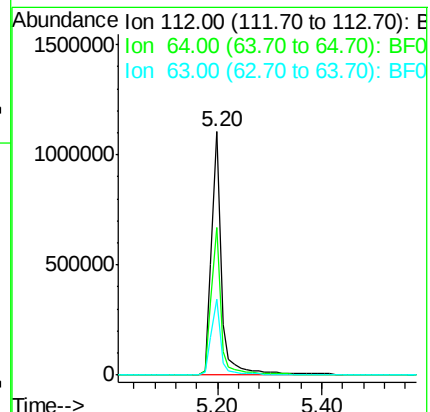
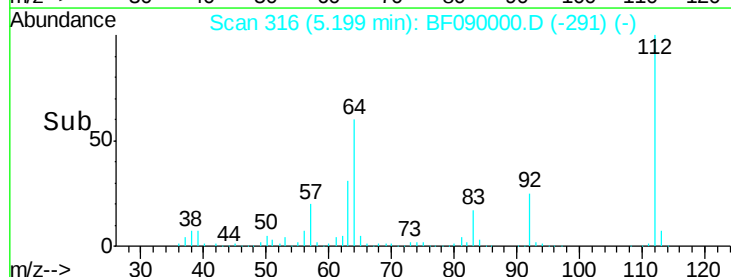
63 31.0 21.2 31.8

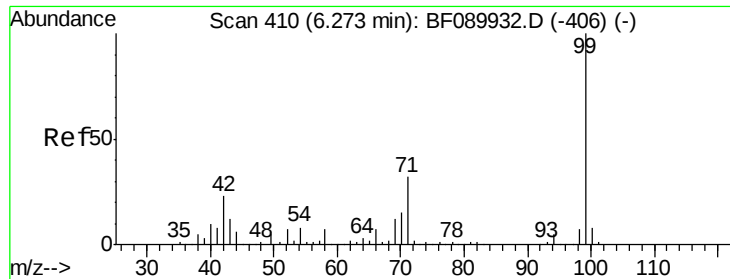


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 151.15 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF090000.D

Acq: 7 Sep 2016 12:59

Instrument :

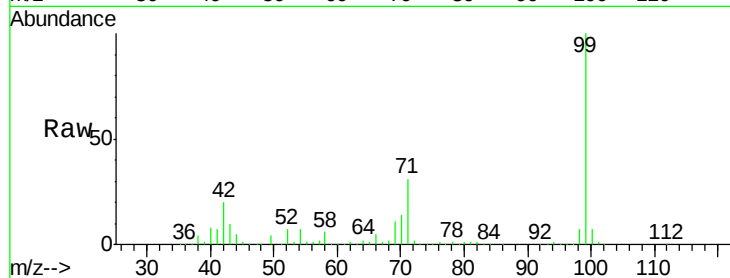
BNA_F

ClientSampleId :

TEMP-AB(0-2)-6

Tot Ion: 99 Resp: 2090367

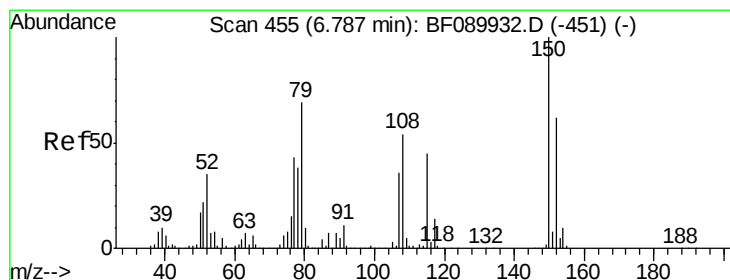
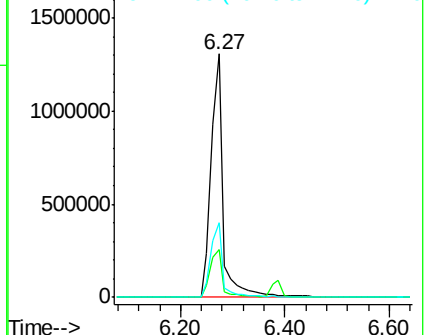
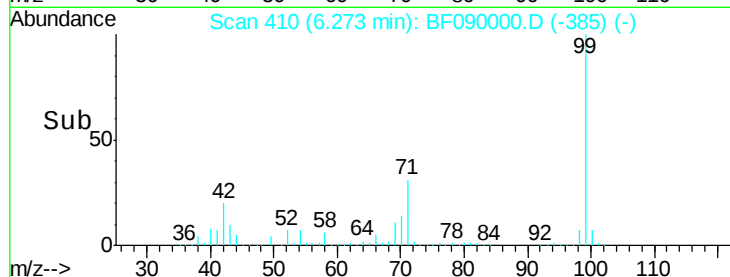
Ion	Ratio	Lower	Upper
99	100		
42	19.6	18.6	27.8
71	30.7	25.8	38.6



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



#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 6.76 min Scan# 453

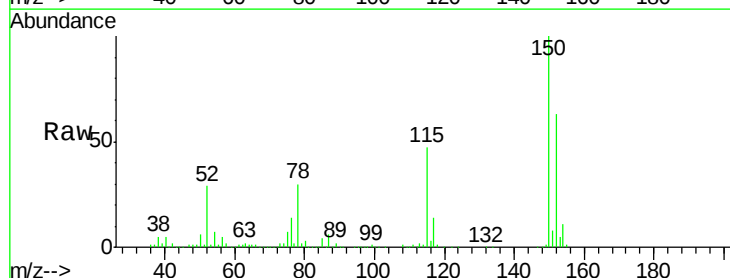
Delta R.T. -0.02 min

Lab File: BF090000.D

Acq: 7 Sep 2016 12:59

Tgt Ion: 79 Resp: 19036

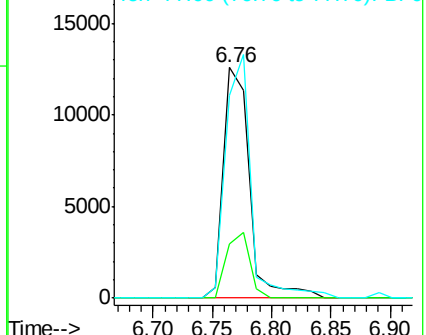
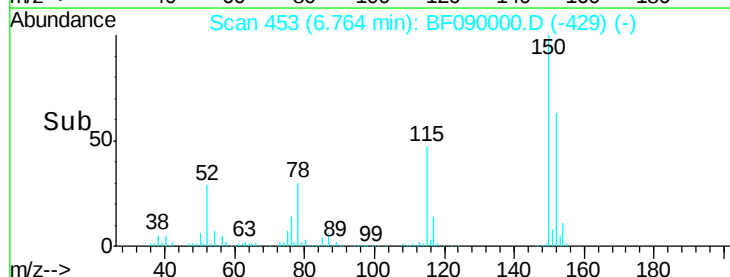
Ion	Ratio	Lower	Upper
79	100		
108	23.3	62.1	93.1#
77	88.0	50.1	75.1#

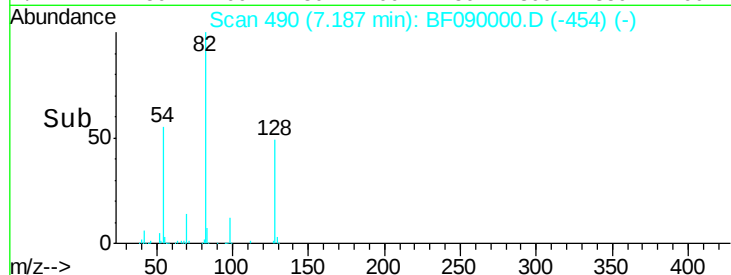
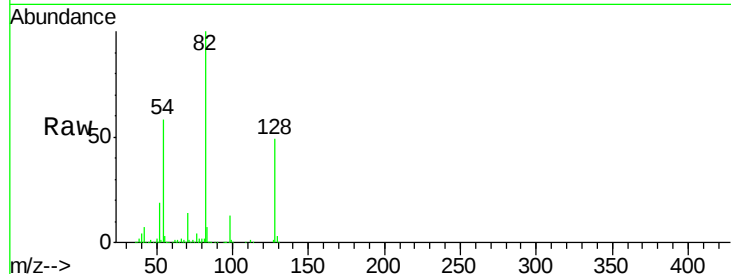
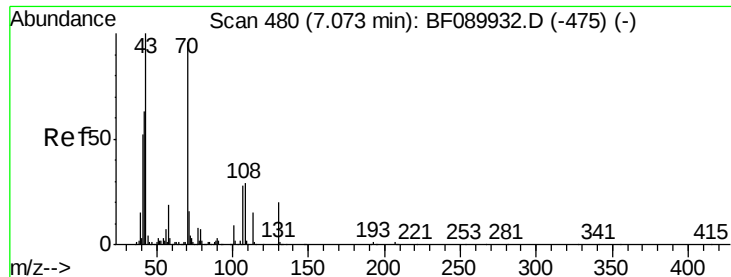


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

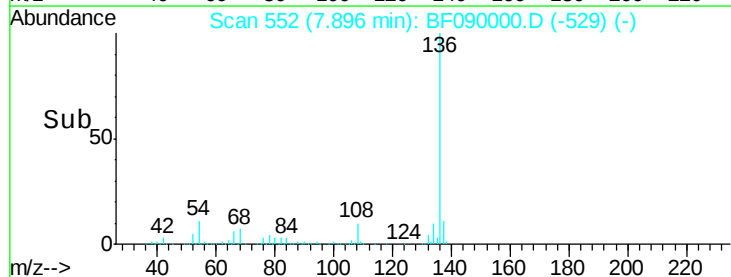
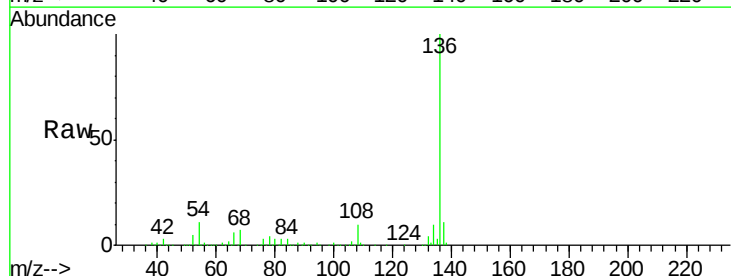
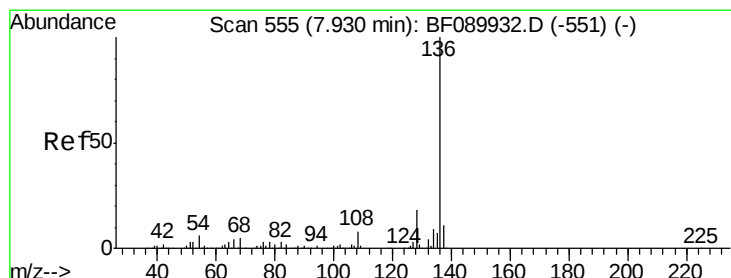
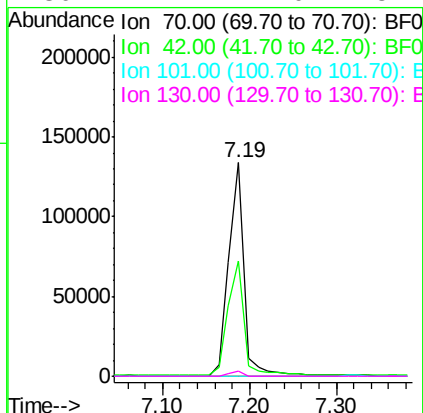




#19
n-Nitroso-di-n-propylamine
Concen: 18.38 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.11 min
Lab File: BF090000.D
Acq: 7 Sep 2016 12:59

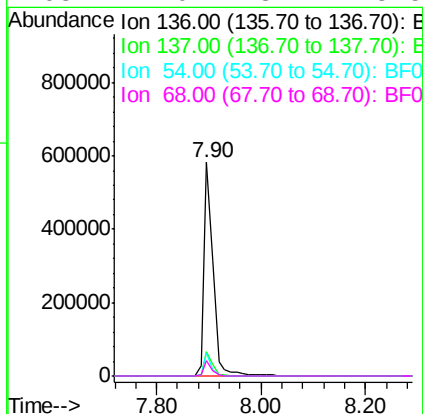
Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-6

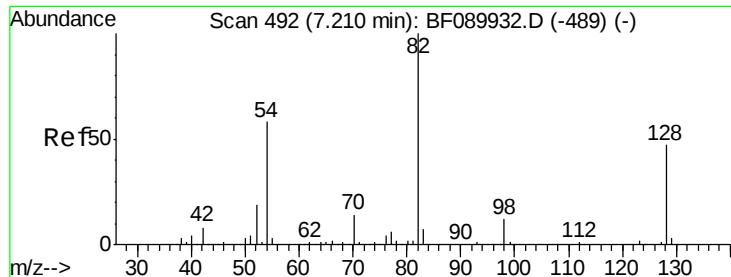
Tot Ion: 70 Resp: 165605
Ion Ratio Lower Upper
70 100
42 54.1 52.1 78.1
101 0.0 7.4 11.2#
130 2.2 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.03 min
Lab File: BF090000.D
Acq: 7 Sep 2016 12:59

Tgt Ion: 136 Resp: 708171
Ion Ratio Lower Upper
136 100
137 11.4 8.3 12.5
54 10.7 4.8 7.2#
68 7.0 3.7 5.5#

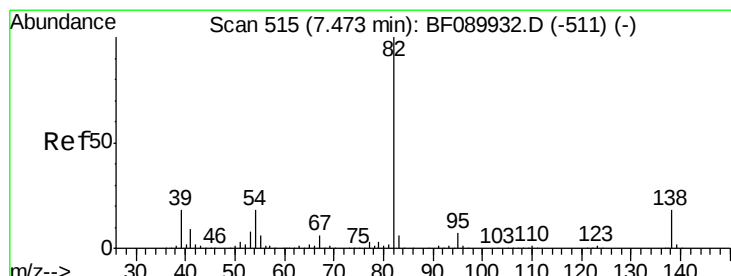
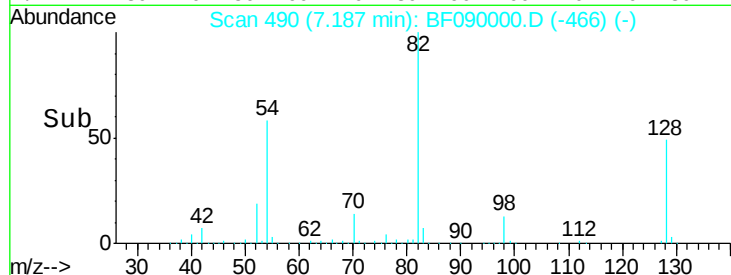
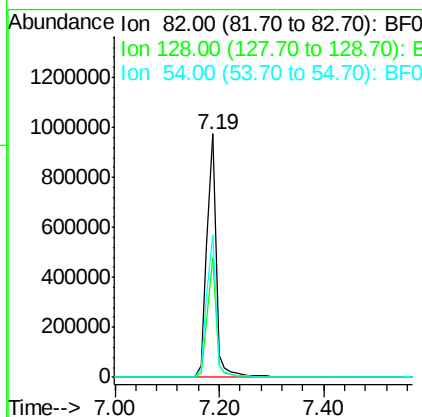
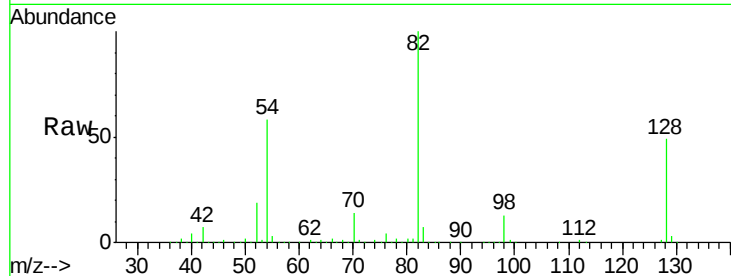




#23
 Nitrobenzene-d5
 Concen: 99.16 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF090000.D
 Acq: 7 Sep 2016 12:59

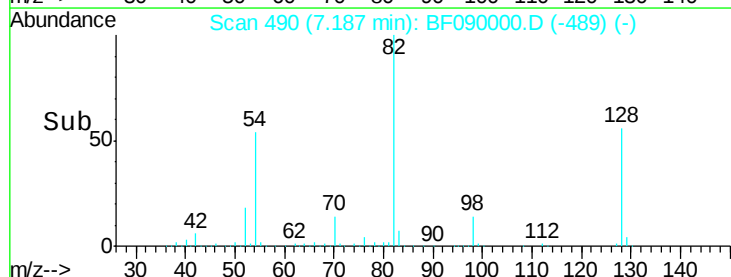
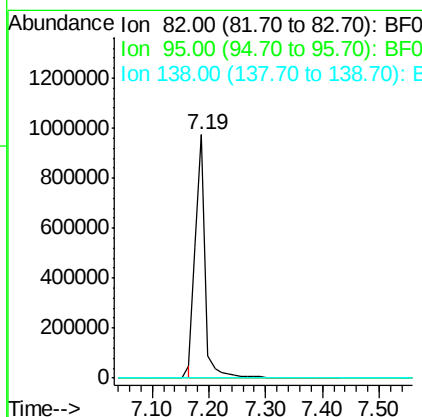
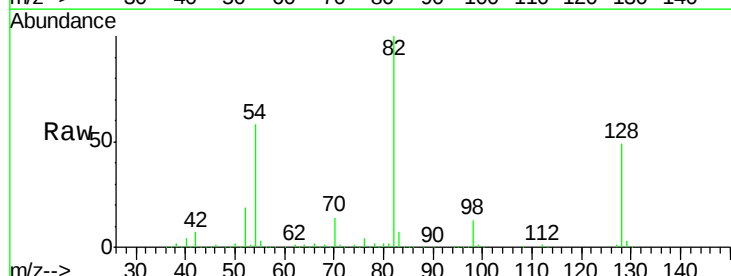
Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-6

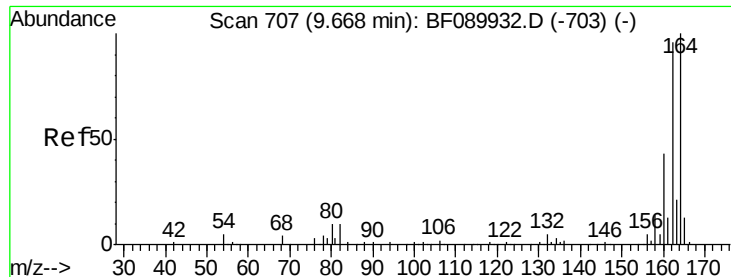
Tot Ion: 82 Resp: 1210842
 Ion Ratio Lower Upper
 82 100
 128 48.9 37.8 56.8
 54 58.4 46.9 70.3



#25
 Isophorone
 Concen: 47.19 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.29 min
 Lab File: BF090000.D
 Acq: 7 Sep 2016 12:59

Tgt Ion: 82 Resp: 1171655
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 14.4 21.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF090000.D

Acq: 7 Sep 2016 12:59

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-6

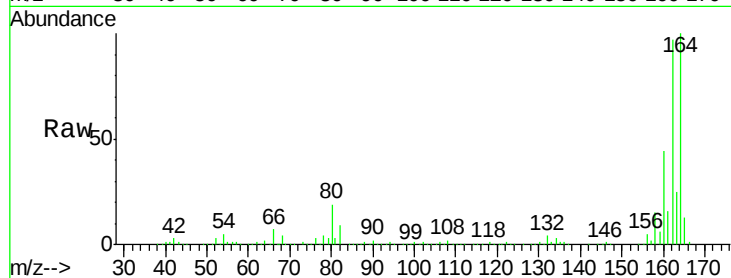
Tot Ion:164 Resp: 380748

Ion Ratio Lower Upper

164 100

162 97.4 77.1 115.7

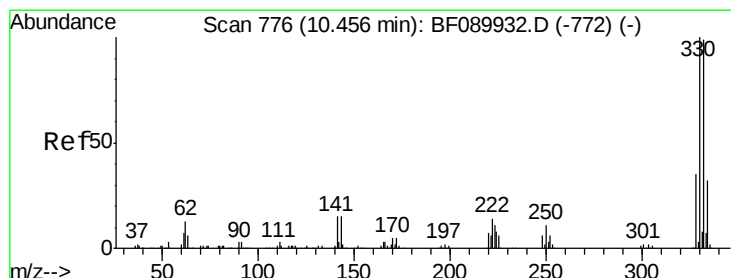
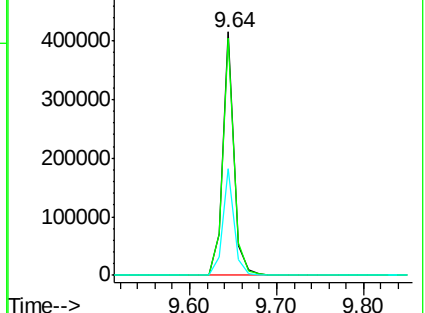
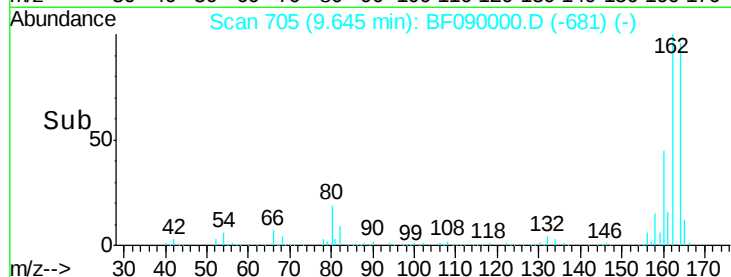
160 43.7 35.3 52.9



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: 128.04 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF090000.D

Acq: 7 Sep 2016 12:59

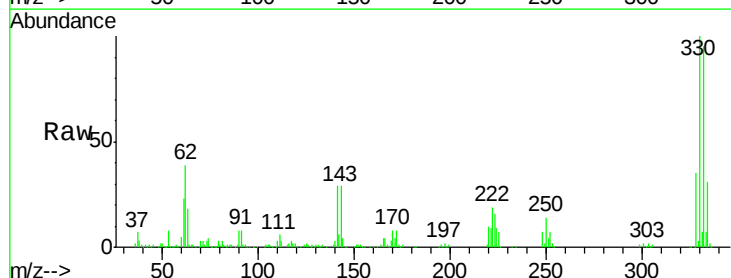
Tgt Ion:330 Resp: 480971

Ion Ratio Lower Upper

330 100

332 96.4 78.6 117.8

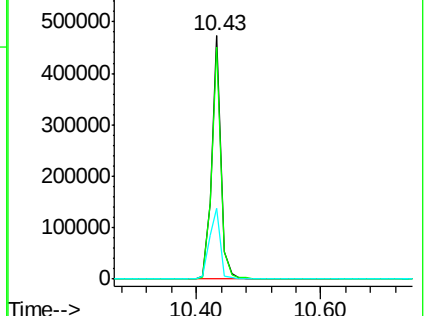
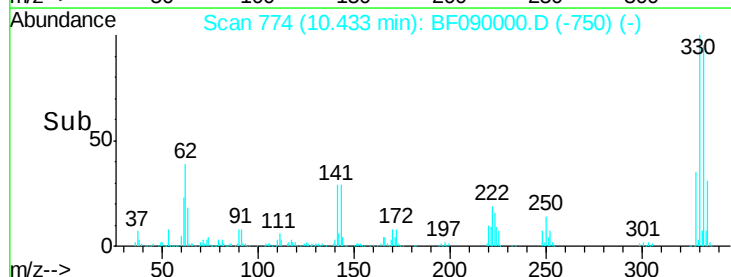
141 34.9 23.3 34.9

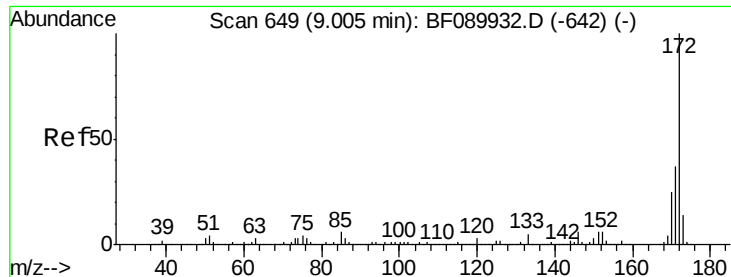


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

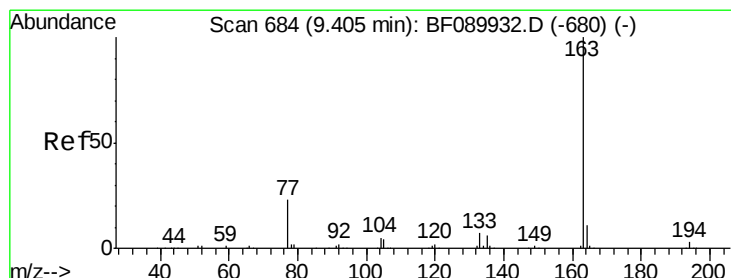
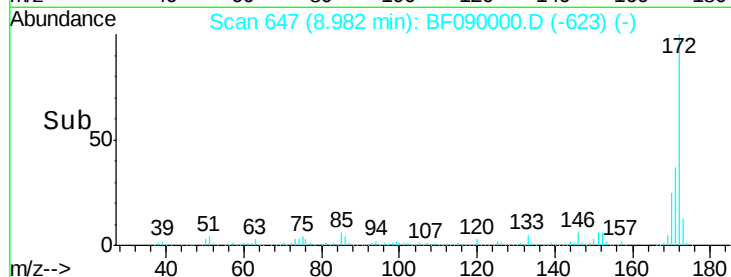
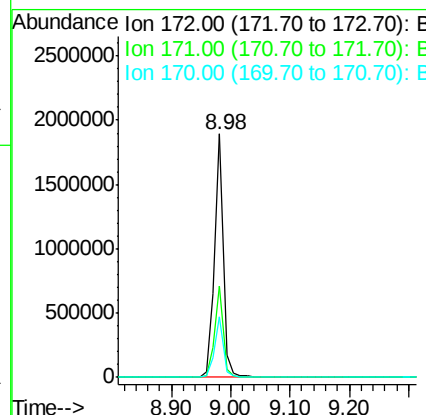
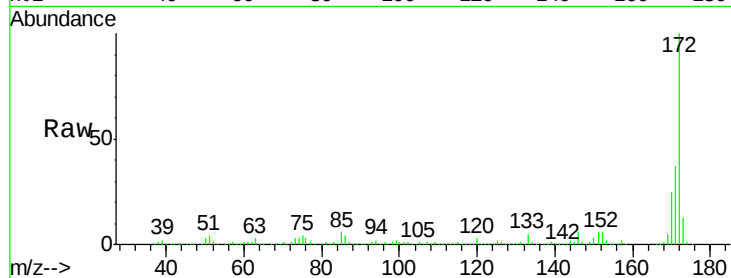




#44
2-Fluorobiphenyl
Concen: 84.08 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF090000.D
Acq: 7 Sep 2016 12:59

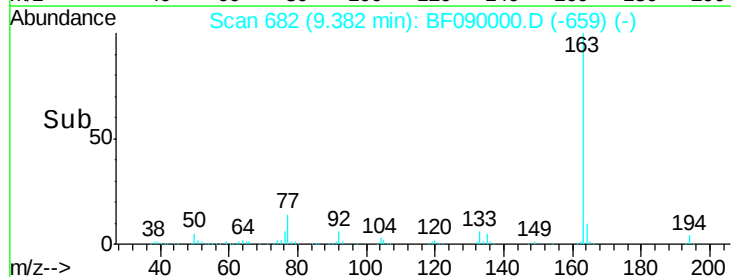
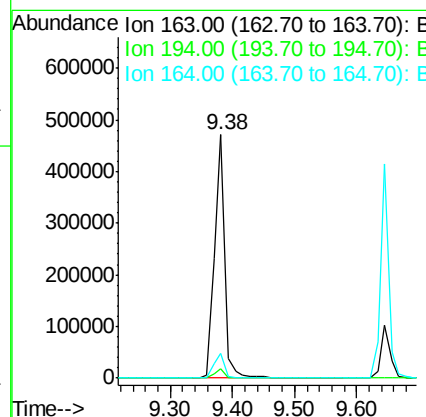
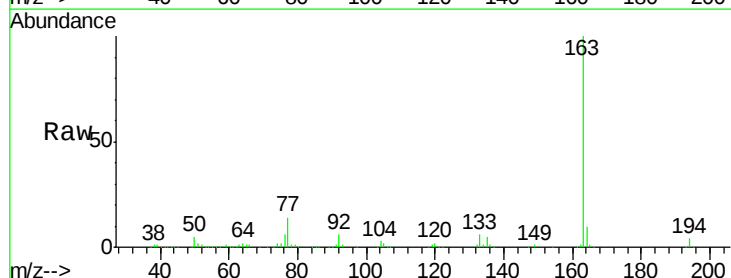
Instrument :
BNA_F
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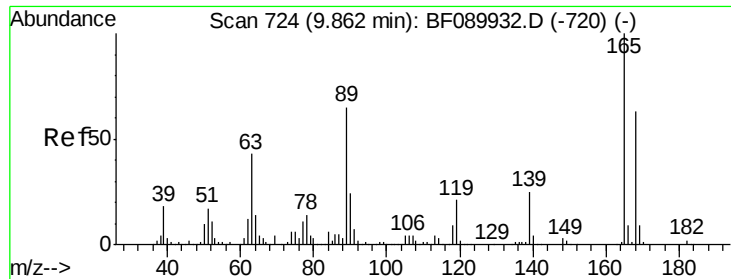
Tot Ion:172 Resp: 1950301
Ion Ratio Lower Upper
172 100
171 37.4 29.4 44.2
170 24.9 20.1 30.1



#49
Dimethylphthalate
Concen: 19.53 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF090000.D
Acq: 7 Sep 2016 12:59

Tgt Ion:163 Resp: 537343
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.2 9.0 13.4

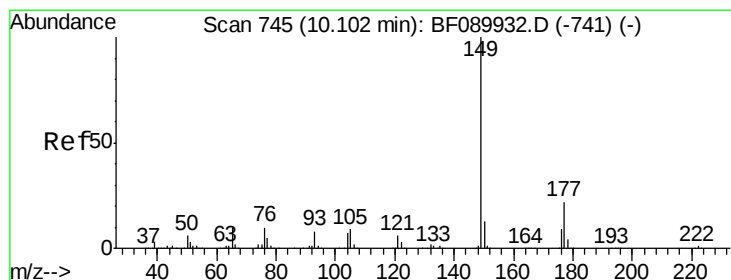
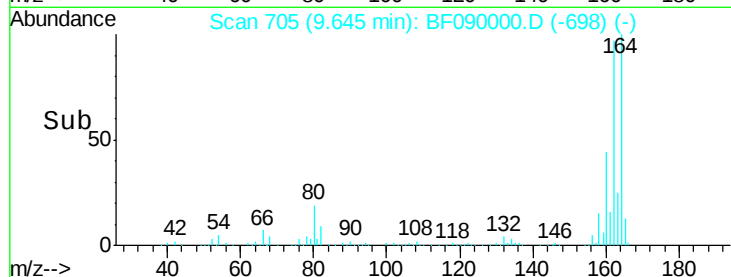
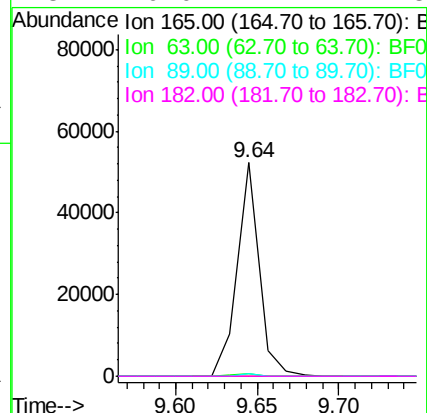
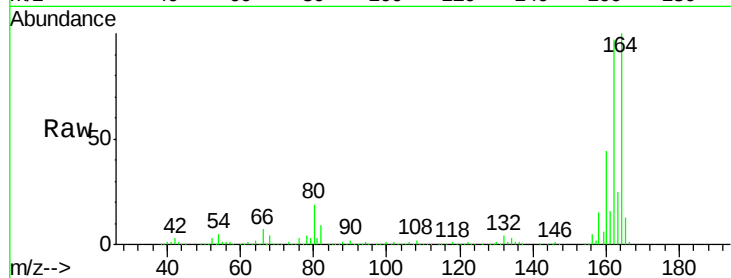




#56
2,4-Dinitrotoluene
Concen: 6.25 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.22 min
Lab File: BF090000.D
Acq: 7 Sep 2016 12:59

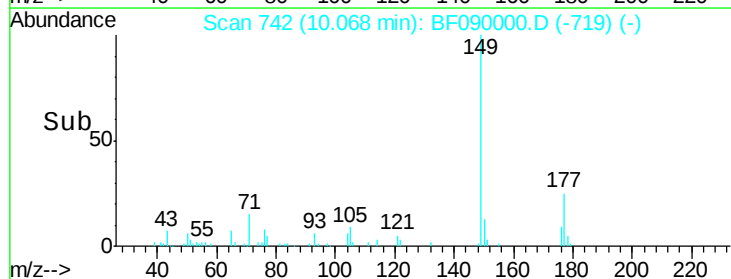
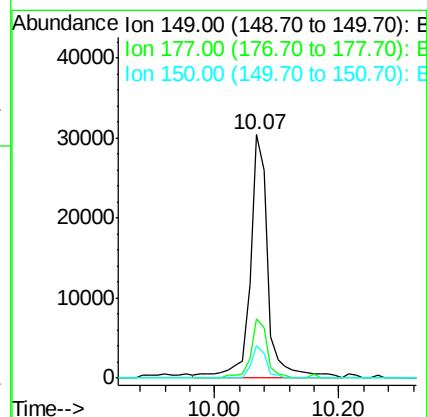
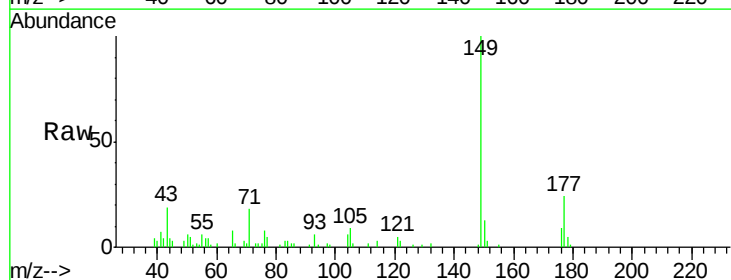
Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-6

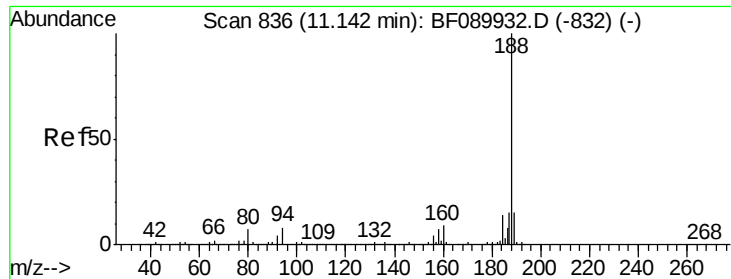
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.5	48.7#
89	1.3	48.3	72.5#
182	0.0	1.7	2.5#



#59
Diethylphthalate
Concen: 2.34 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.03 min
Lab File: BF090000.D
Acq: 7 Sep 2016 12:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	17.7	26.5
150	13.1	10.2	15.2

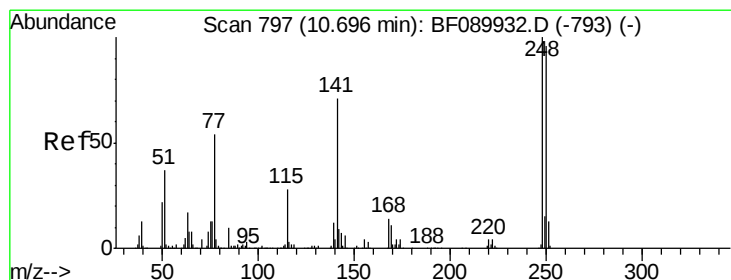
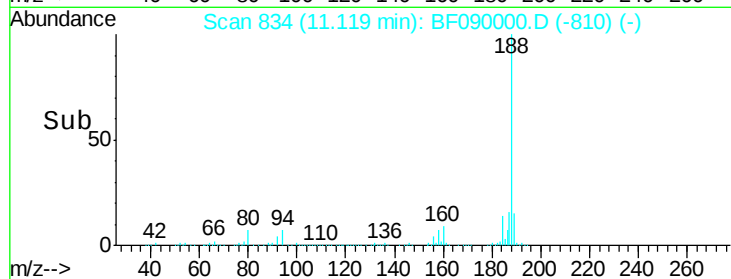
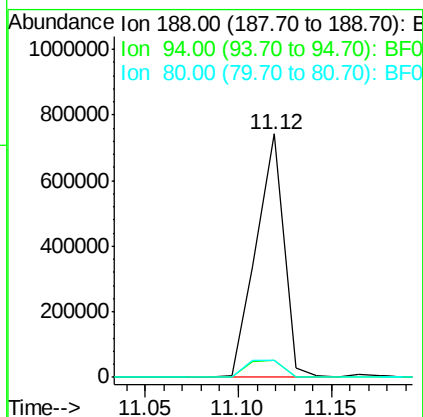
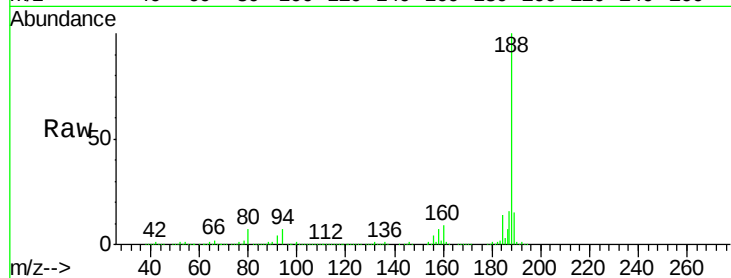




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF090000.D
Acq: 7 Sep 2016 12:59

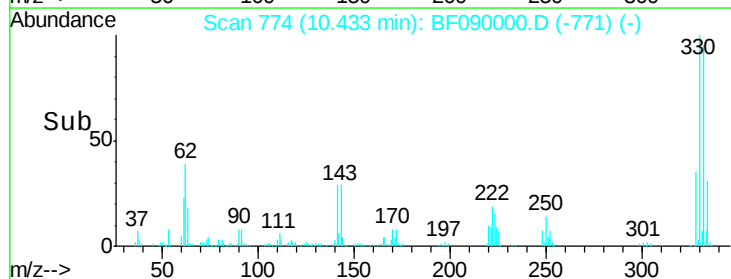
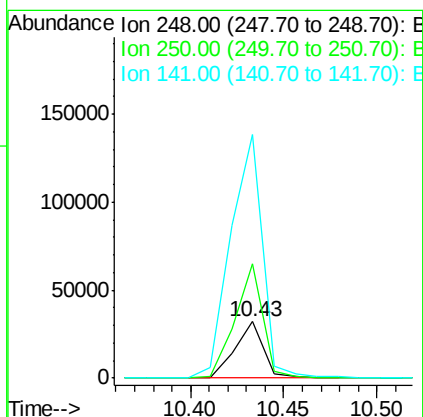
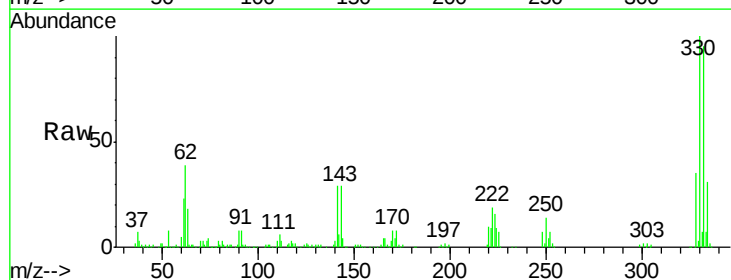
Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-6

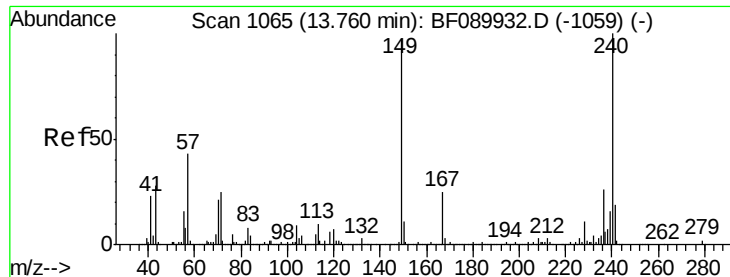
Tot Ion:188	Resp:	766468
Ion	Ratio	Lower Upper
188	100	
94	6.9	5.9 8.9
80	6.9	5.8 8.8



#66
4-Bromophenyl-phenylether
Concen: 4.42 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.26 min
Lab File: BF090000.D
Acq: 7 Sep 2016 12:59

Tgt Ion:248	Resp:	34086
Ion	Ratio	Lower Upper
248	100	
250	200.9	77.3 115.9#
141	429.6	55.8 83.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF090000.D

Acq: 7 Sep 2016 12:59

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-6

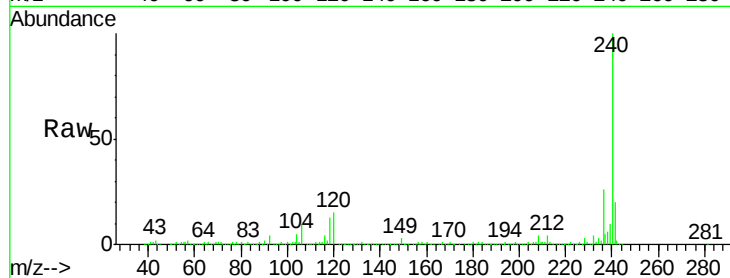
Tot Ion:240 Resp: 628582

Ion Ratio Lower Upper

240 100

120 14.8 5.7 8.5#

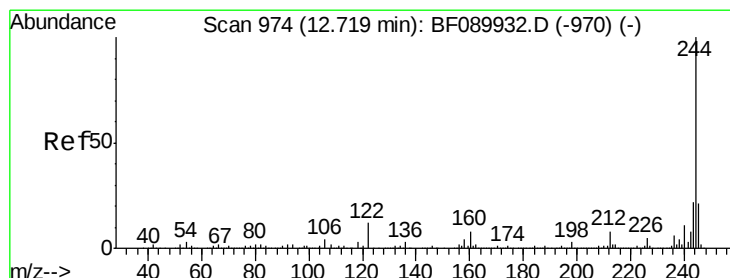
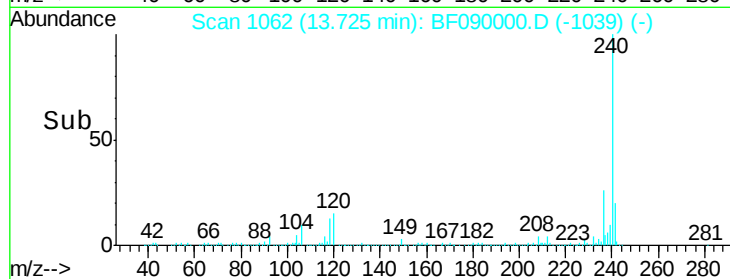
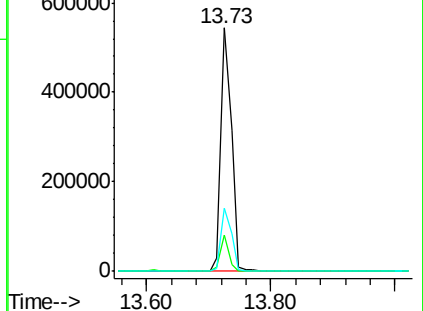
236 26.1 21.3 31.9



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: 83.07 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF090000.D

Acq: 7 Sep 2016 12:59

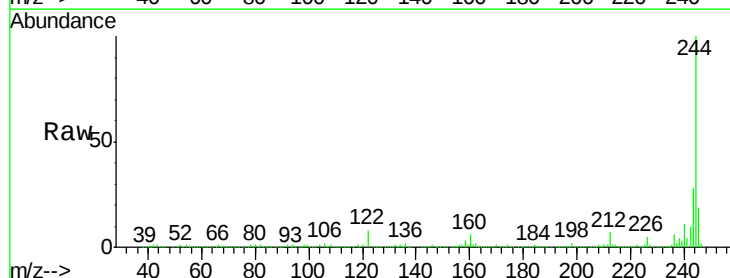
Tgt Ion:244 Resp: 2113743

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

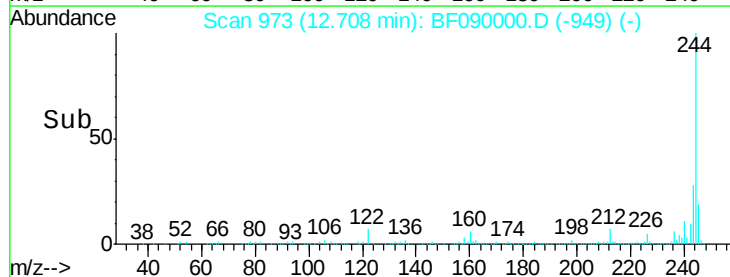
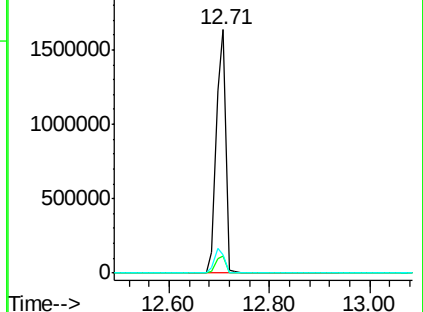
122 7.6 9.6 14.4#

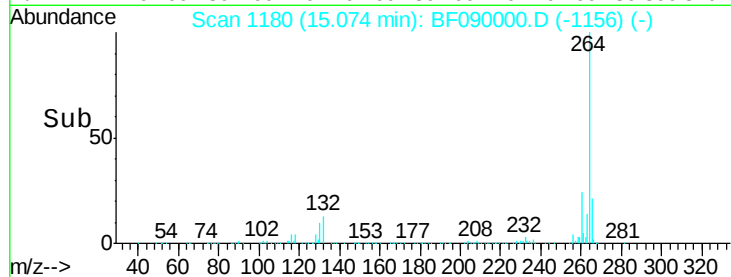
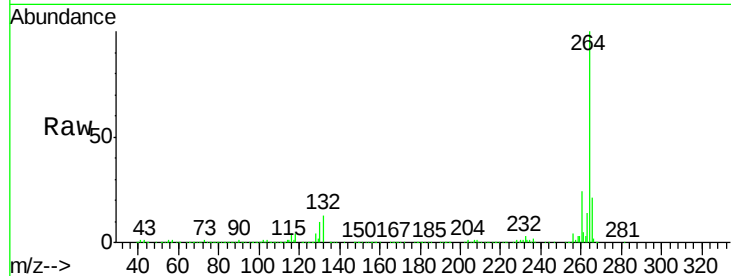
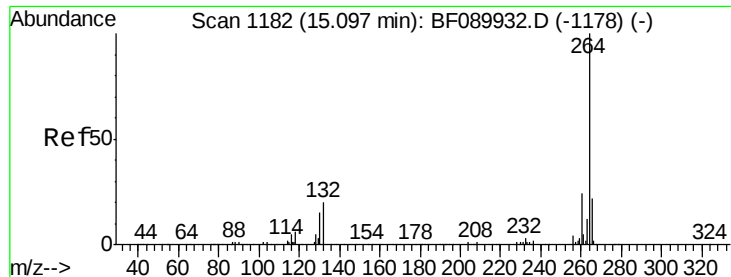


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.07 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF090000.D
Acq: 7 Sep 2016 12:59

Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	20.9	17.4	26.2

