

Data Path : Z:\HPCHEM1\BNA F\Data\BF032116\
 Data File : BF085654.D
 Acq On : 22 Mar 2016 8:30
 Operator : UM/SJ
 Sample : H1834-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 22 11:30:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

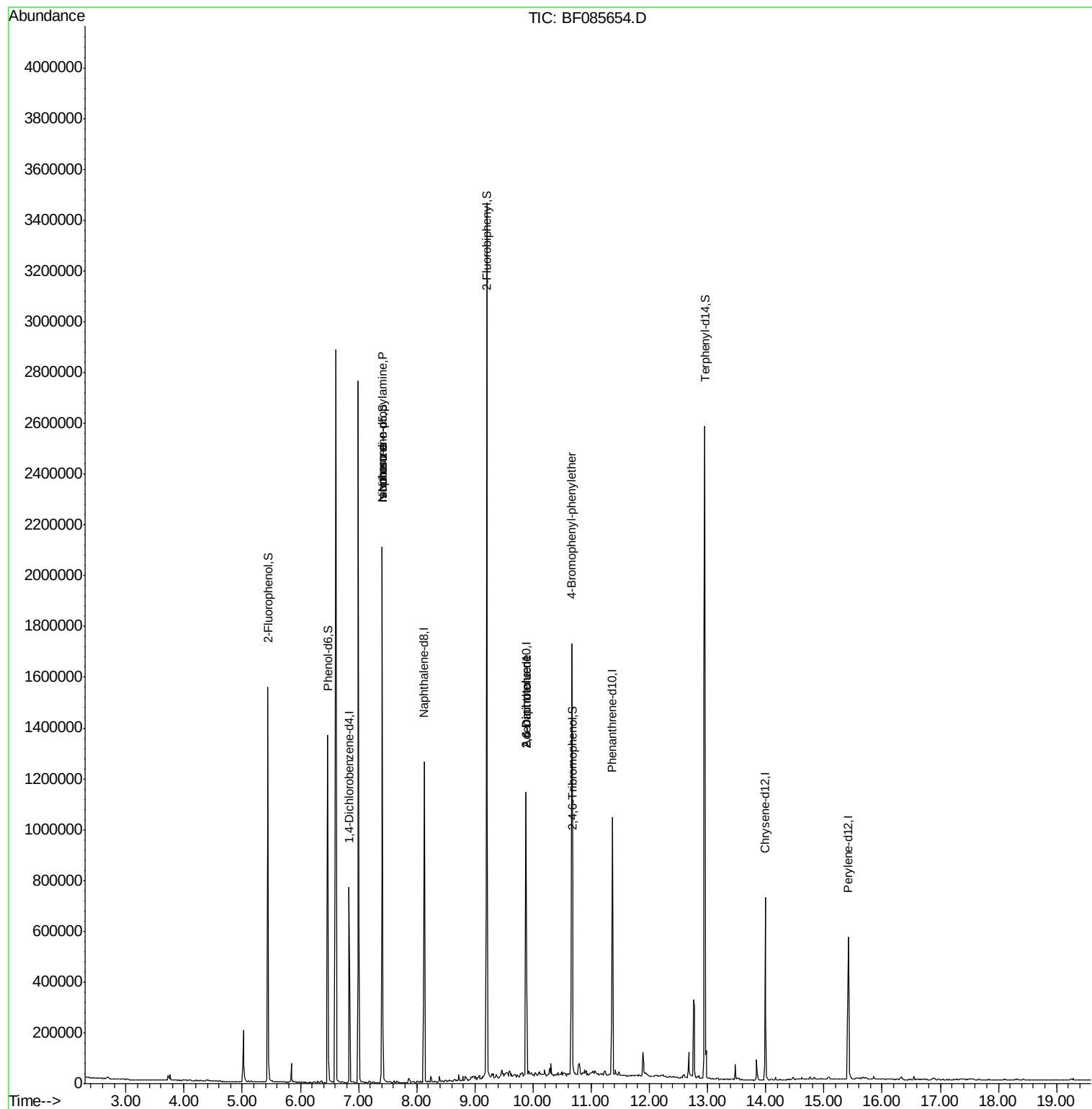
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	136657	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	571256	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	225357	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	351987	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	257687	20.00	ng	-0.02
86) Perylene-d12	15.42	264	253814	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	587907	72.26	ng	-0.01
7) Phenol-d6	6.47	99	475139	45.53	ng	-0.02
23) Nitrobenzene-d5	7.41	82	790473	80.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	265291	120.18	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1265127	100.25	ng	-0.02
78) Terphenyl-d14	12.95	244	984191	91.91	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	103867	16.66	ng	# 78
25) Isophorone	7.41	82	579230	29.40	ng	# 68
50) 2,6-Dinitrotoluene	9.88	165	28824	8.03	ng	# 19
56) 2,4-Dinitrotoluene	9.88	165	28826	6.13	ng	# 38
66) 4-Bromophenyl-phenylether	10.66	248	16620	4.73	ng	# 1

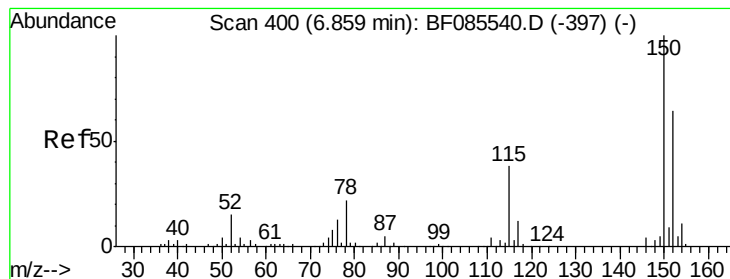
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085654.D

Acq: 22 Mar 2016 8:30

Instrument :

BNA_F

ClientSampled :

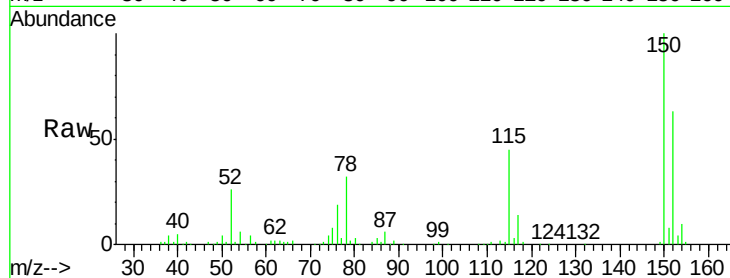
Tot Ion:152 Resp: 136657

Ion Ratio Lower Upper

152 100

150 158.8 124.2 186.2

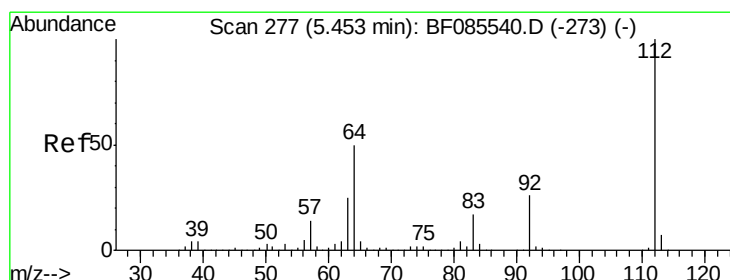
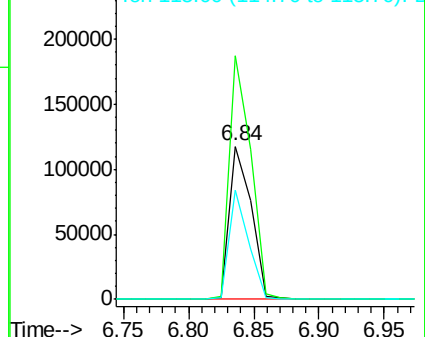
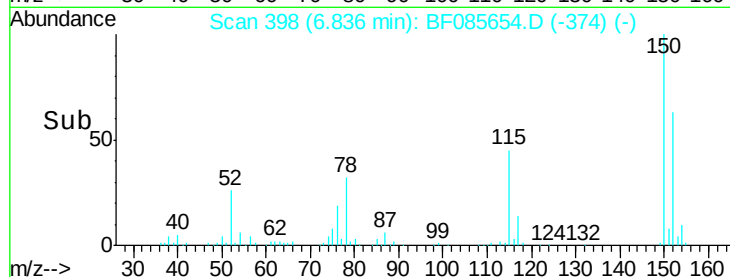
115 71.2 47.0 70.6#



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: 72.26 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085654.D

Acq: 22 Mar 2016 8:30

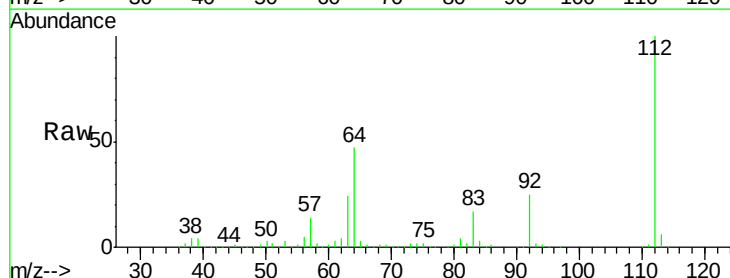
Tgt Ion:112 Resp: 587907

Ion Ratio Lower Upper

112 100

64 47.2 39.9 59.9

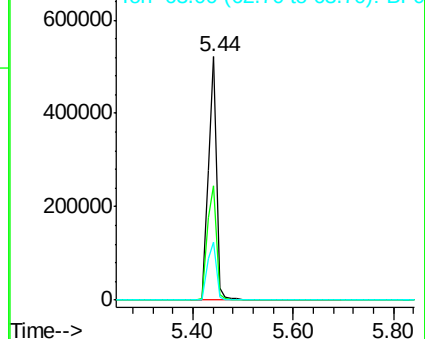
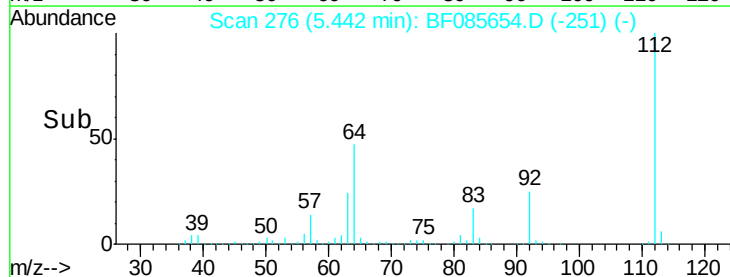
63 23.9 20.2 30.2

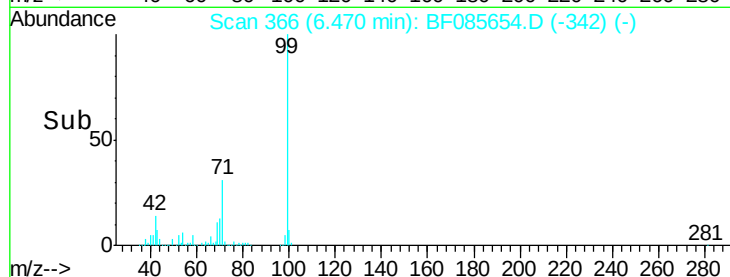
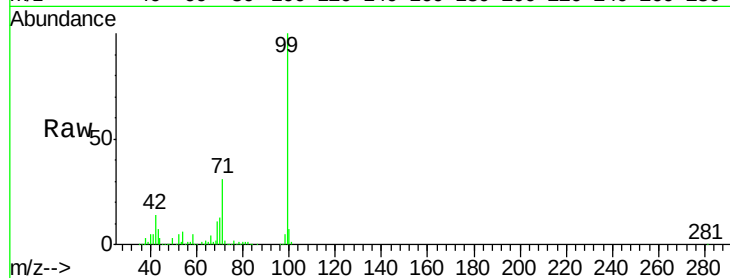
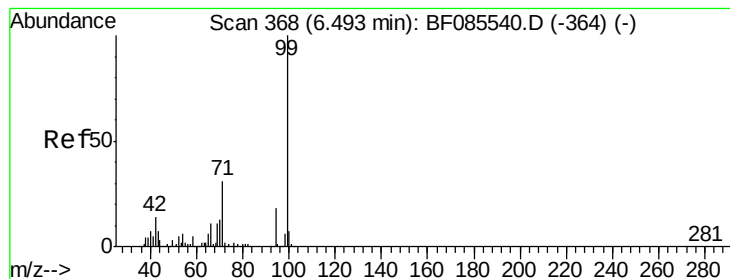


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.53 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085654.D

Acq: 22 Mar 2016 8:30

Instrument :

BNA_F

ClientSampleId :

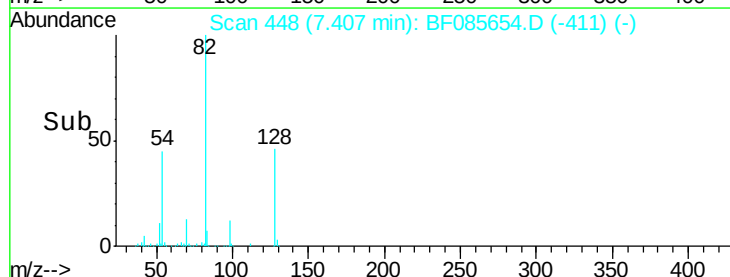
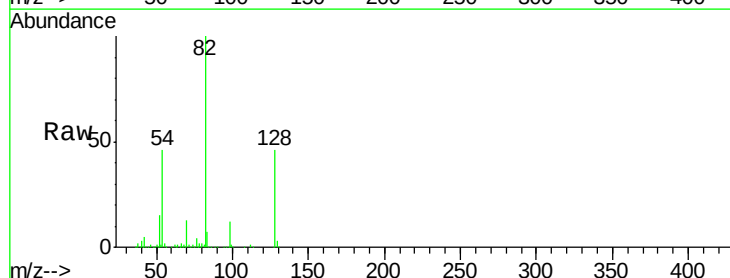
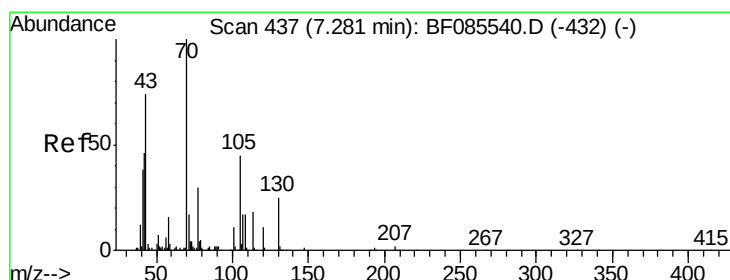
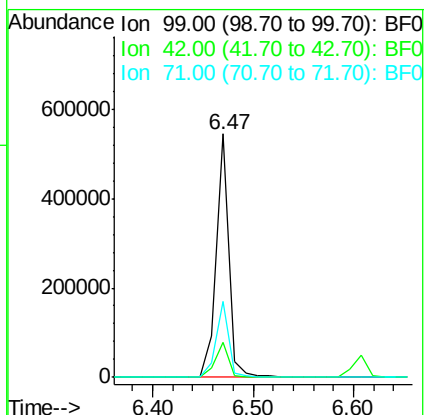
Tot Ion: 99 Resp: 475139

Ion Ratio Lower Upper

99 100

42 14.3 11.1 16.7

71 31.4 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.66 ng

RT: 7.41 min Scan# 448

Delta R.T. 0.13 min

Lab File: BF085654.D

Acq: 22 Mar 2016 8:30

Tgt Ion: 70 Resp: 103867

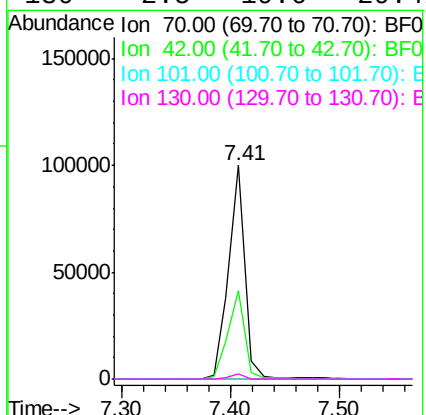
Ion Ratio Lower Upper

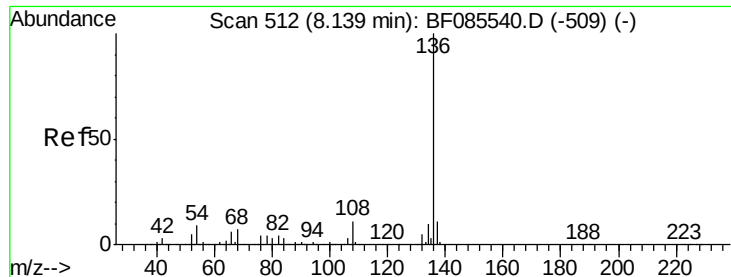
70 100

42 41.1 37.1 55.7

101 0.0 8.6 12.8#

130 2.5 19.6 29.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085654.D

Acq: 22 Mar 2016 8:30

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 571256

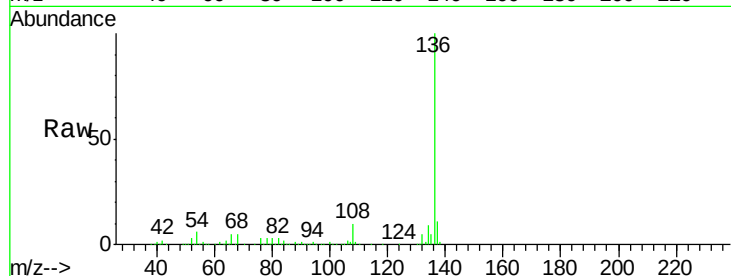
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.2 7.4 11.0#

68 5.4 5.8 8.8#

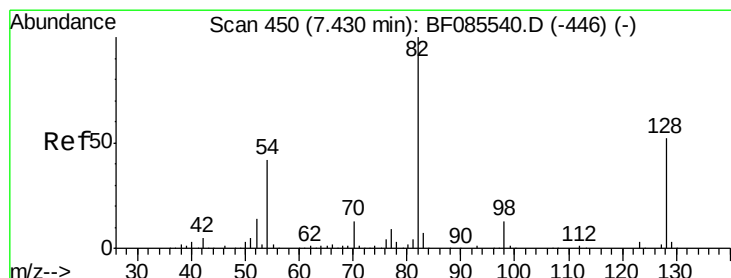
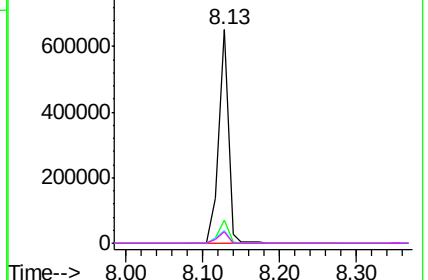
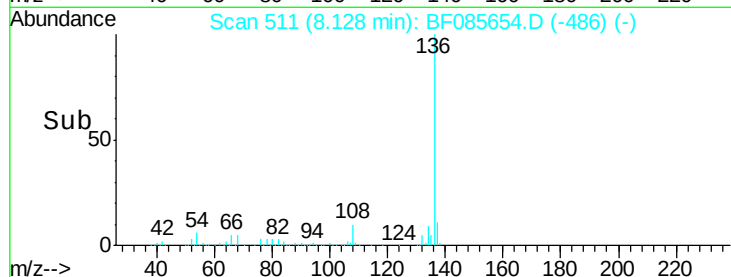


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 80.32 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF085654.D

Acq: 22 Mar 2016 8:30

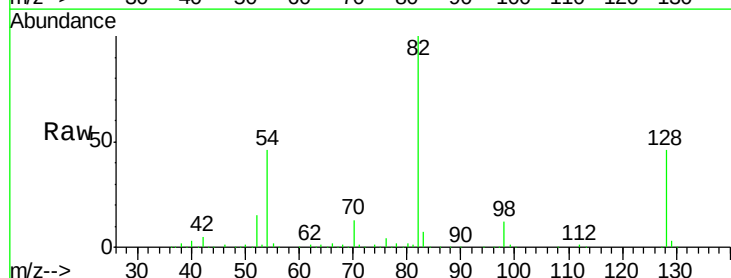
Tgt Ion: 82 Resp: 790473

Ion Ratio Lower Upper

82 100

128 45.6 41.8 62.8

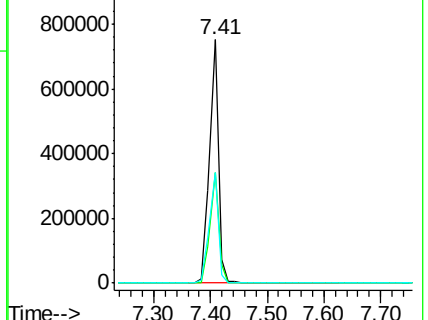
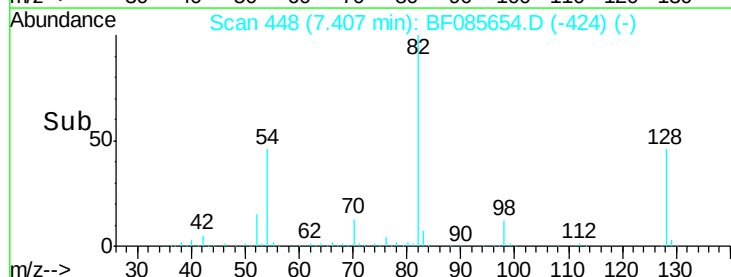
54 45.6 33.4 50.0

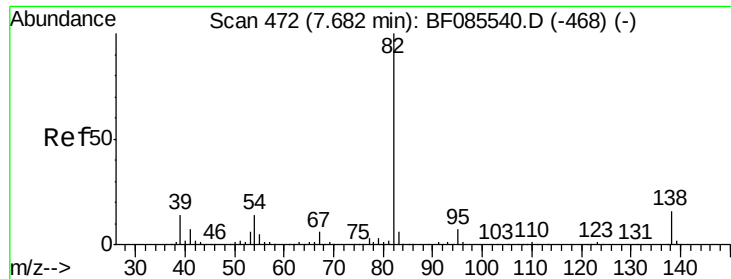


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 29.40 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.27 min

Lab File: BF085654.D

Acq: 22 Mar 2016 8:30

Instrument :

BNA_F

ClientSampleId :

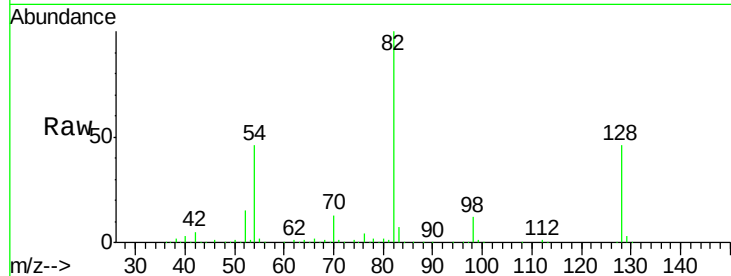
Tot Ion: 82 Resp: 579230

Ion Ratio Lower Upper

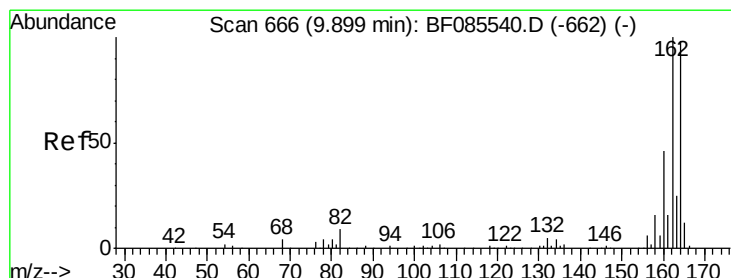
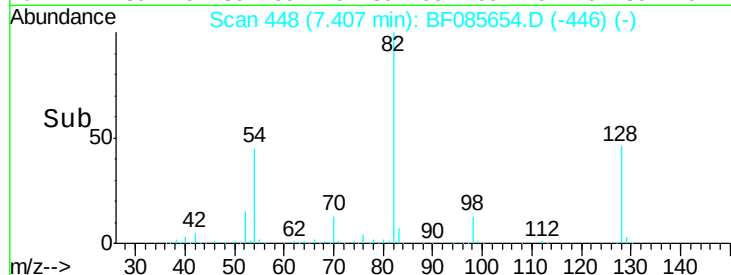
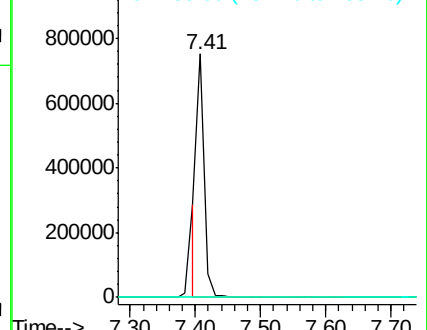
82 100

95 0.0 5.4 8.2#

138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF085654.D

Acq: 22 Mar 2016 8:30

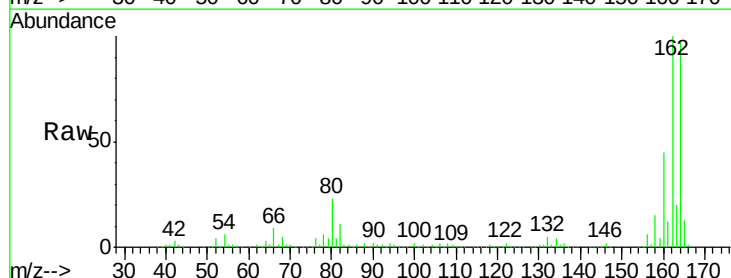
Tgt Ion:164 Resp: 225357

Ion Ratio Lower Upper

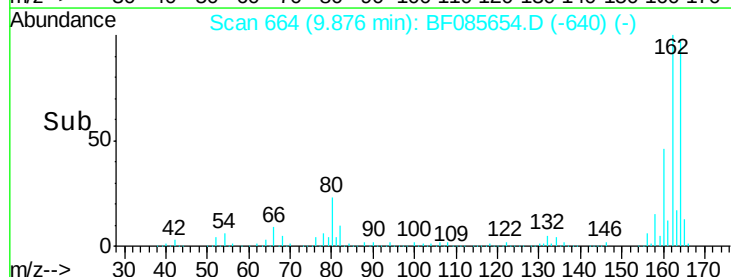
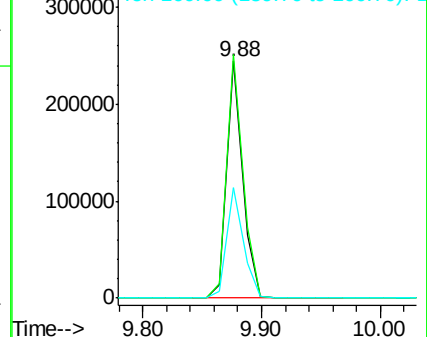
164 100

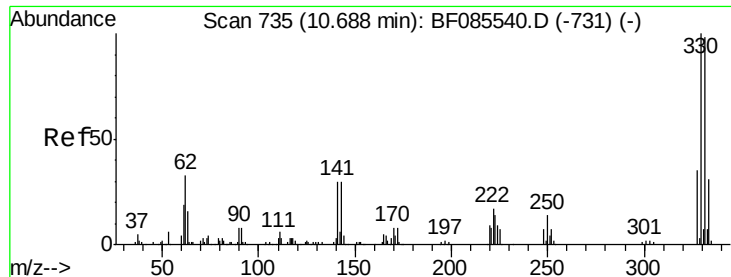
162 102.9 82.1 123.1

160 46.8 37.4 56.2



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

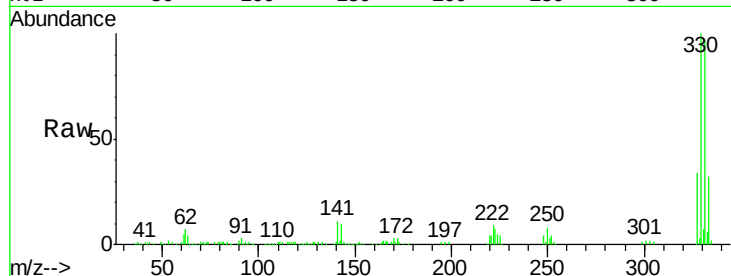




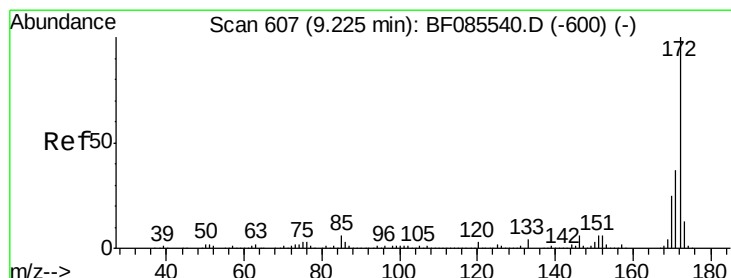
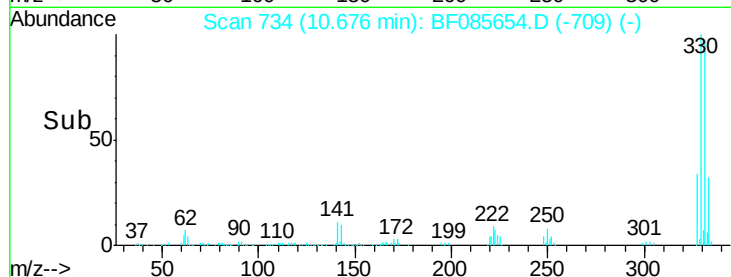
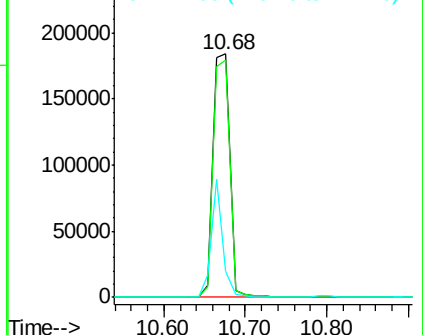
#41
 2,4,6-Tribromophenol
 Concen: 120.18 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085654.D
 Acq: 22 Mar 2016 8:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.2	117.2
141	34.1	31.5	47.3

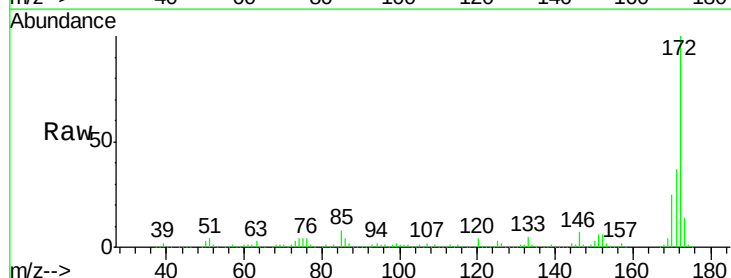


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

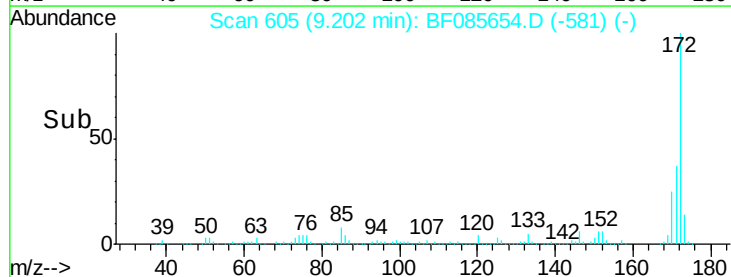
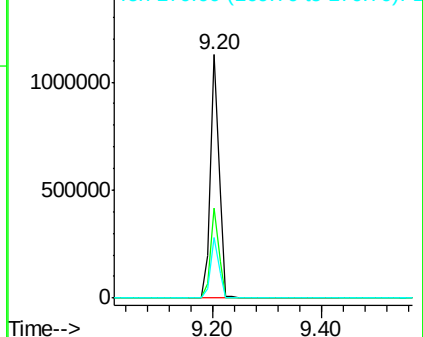


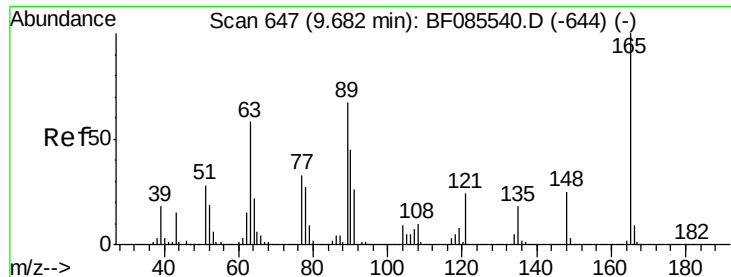
#44
 2-Fluorobiphenyl
 Concen: 100.25 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085654.D
 Acq: 22 Mar 2016 8:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.2
170	24.9	19.8	29.6



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

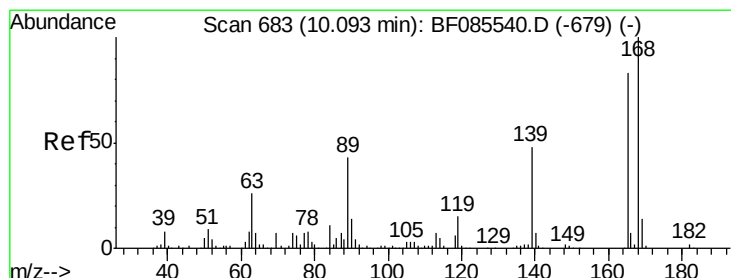
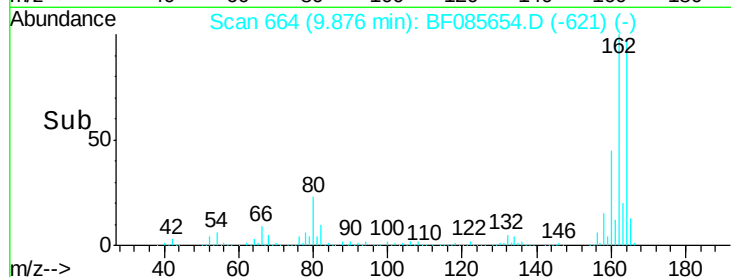
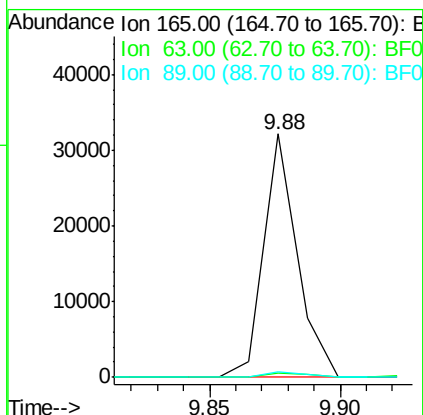
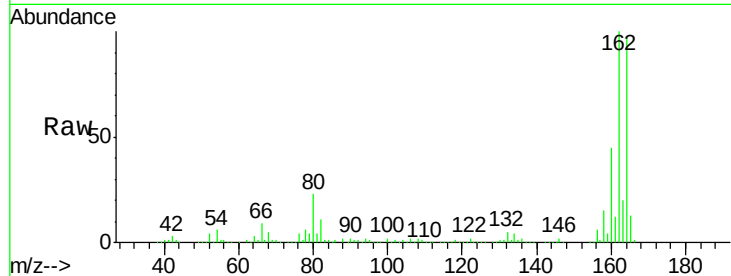




#50
2,6-Dinitrotoluene
Concen: 8.03 ng
RT: 9.88 min Scan# 664
Delta R.T. 0.19 min
Lab File: BF085654.D
Acq: 22 Mar 2016 8:30

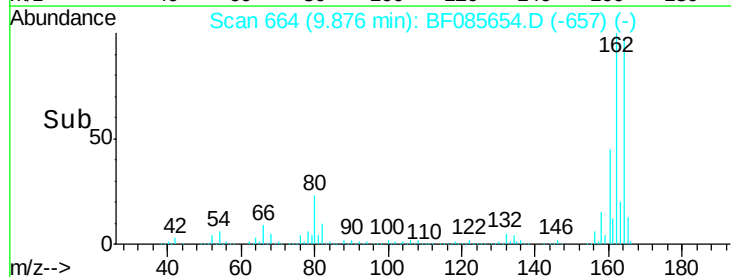
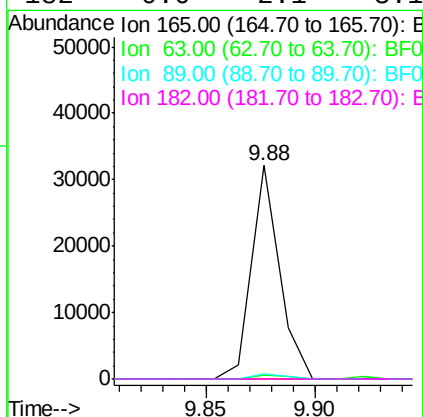
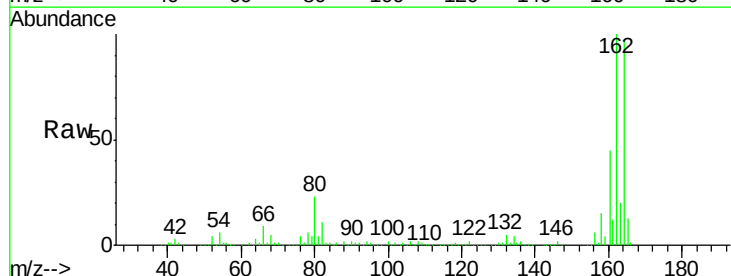
Instrument :
BNA_F
ClientSampleId :

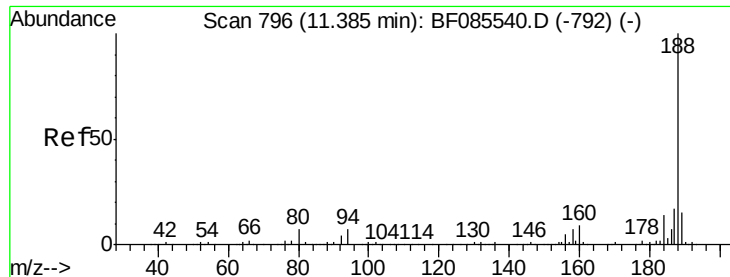
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	51.8	77.8#
89	2.1	53.7	80.5#



#56
2,4-Dinitrotoluene
Concen: 6.13 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.22 min
Lab File: BF085654.D
Acq: 22 Mar 2016 8:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	24.9	37.3#
89	2.1	41.0	61.6#
182	0.0	2.1	3.1#

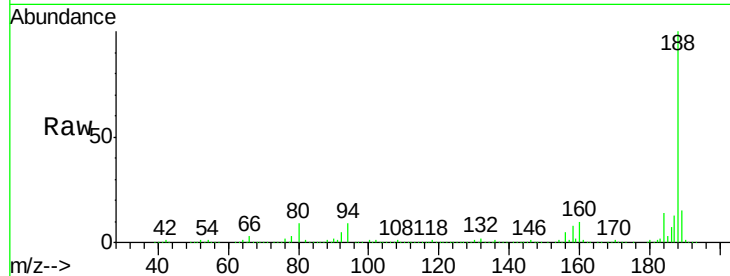




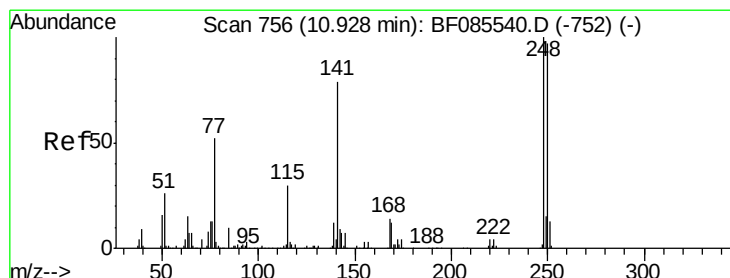
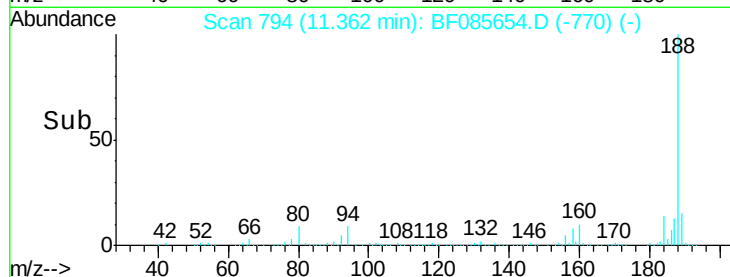
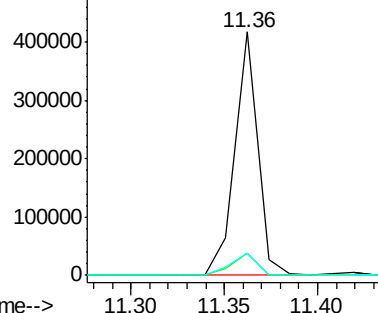
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF085654.D
 Acq: 22 Mar 2016 8:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 351987
 Ion Ratio Lower Upper
 188 100
 94 8.9 5.4 8.0#
 80 9.2 5.5 8.3#

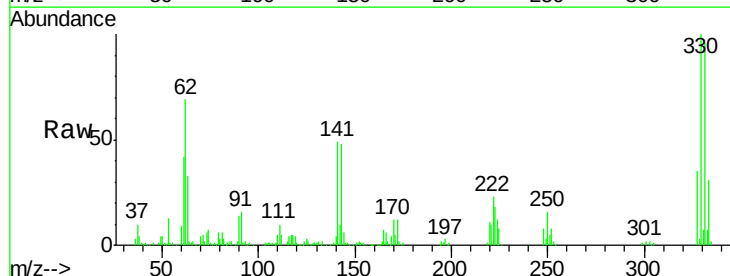


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

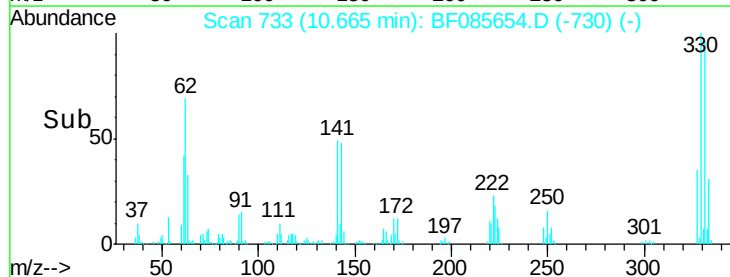
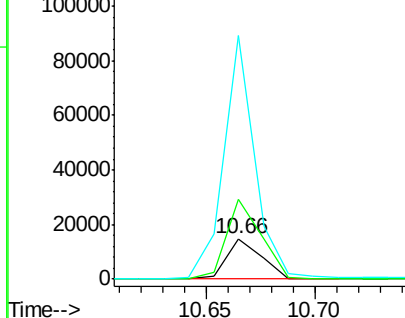


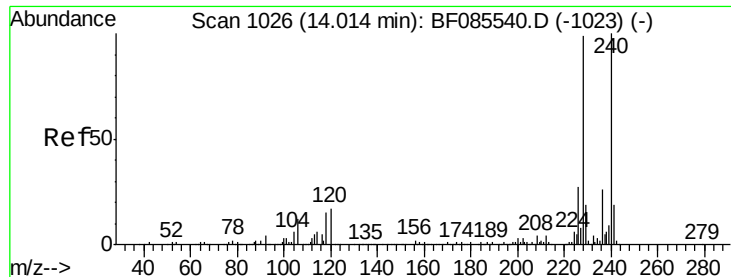
#66
 4-Bromophenyl-phenylether
 Concen: 4.73 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.26 min
 Lab File: BF085654.D
 Acq: 22 Mar 2016 8:30

Tgt Ion:248 Resp: 16620
 Ion Ratio Lower Upper
 248 100
 250 196.6 77.4 116.0#
 141 597.8 63.6 95.4#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF085654.D

Acq: 22 Mar 2016 8:30

Instrument :

BNA_F

ClientSampleId :

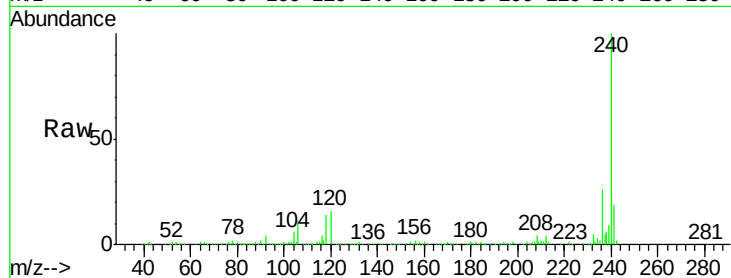
Tot Ion:240 Resp: 257687

Ion Ratio Lower Upper

240 100

120 15.8 13.8 20.8

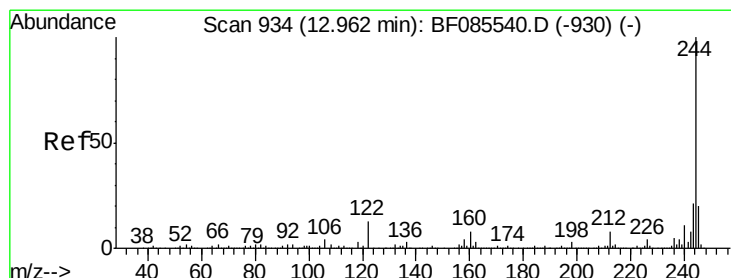
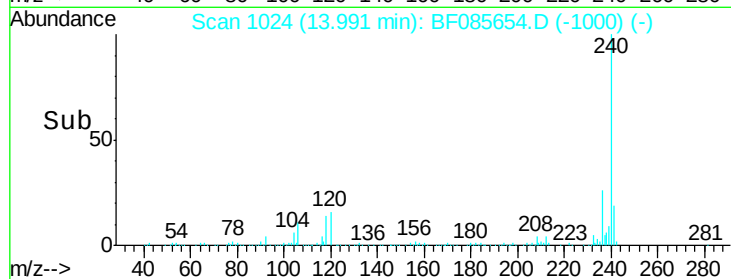
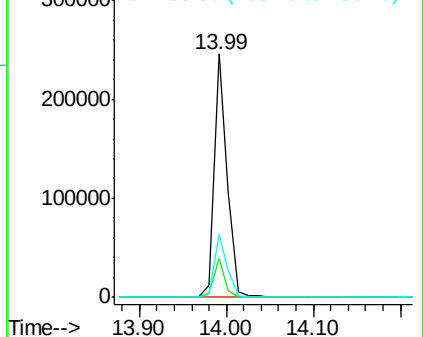
236 26.1 20.6 30.8



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: 91.91 ng

RT: 12.95 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF085654.D

Acq: 22 Mar 2016 8:30

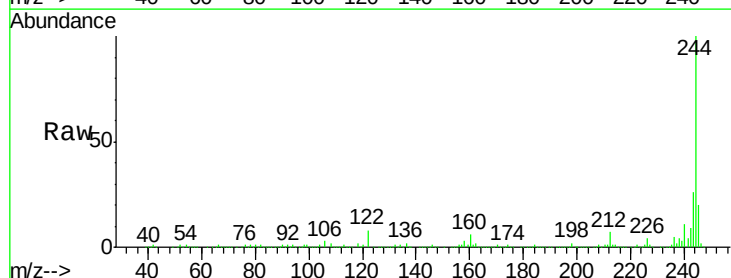
Tgt Ion:244 Resp: 984191

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

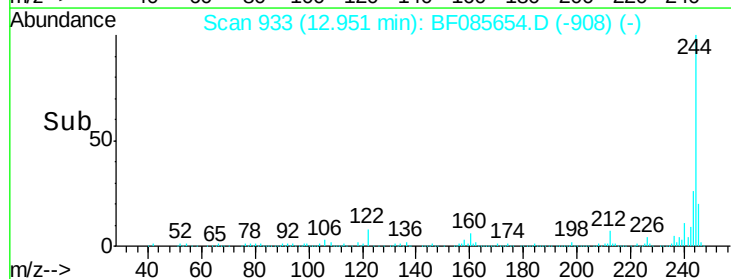
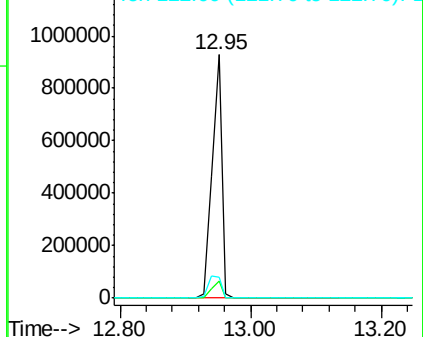
122 8.5 10.2 15.4#

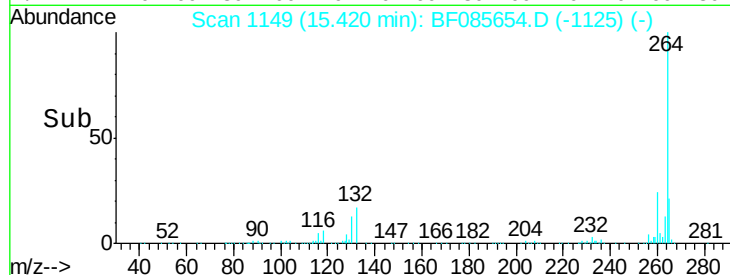
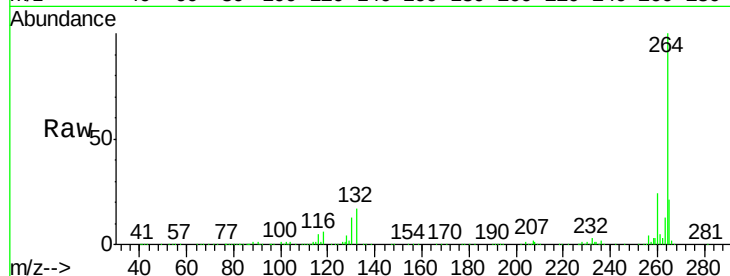
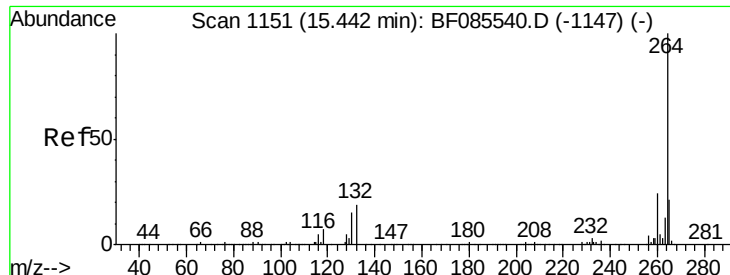


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF085654.D
Acq: 22 Mar 2016 8:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	253814
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.4	17.2	25.8

