

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085674.D
 Acq On : 22 Mar 2016 22:32
 Operator : UM/SJ
 Sample : H1857-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03(12-14)

Quant Time: Mar 23 00:07:49 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

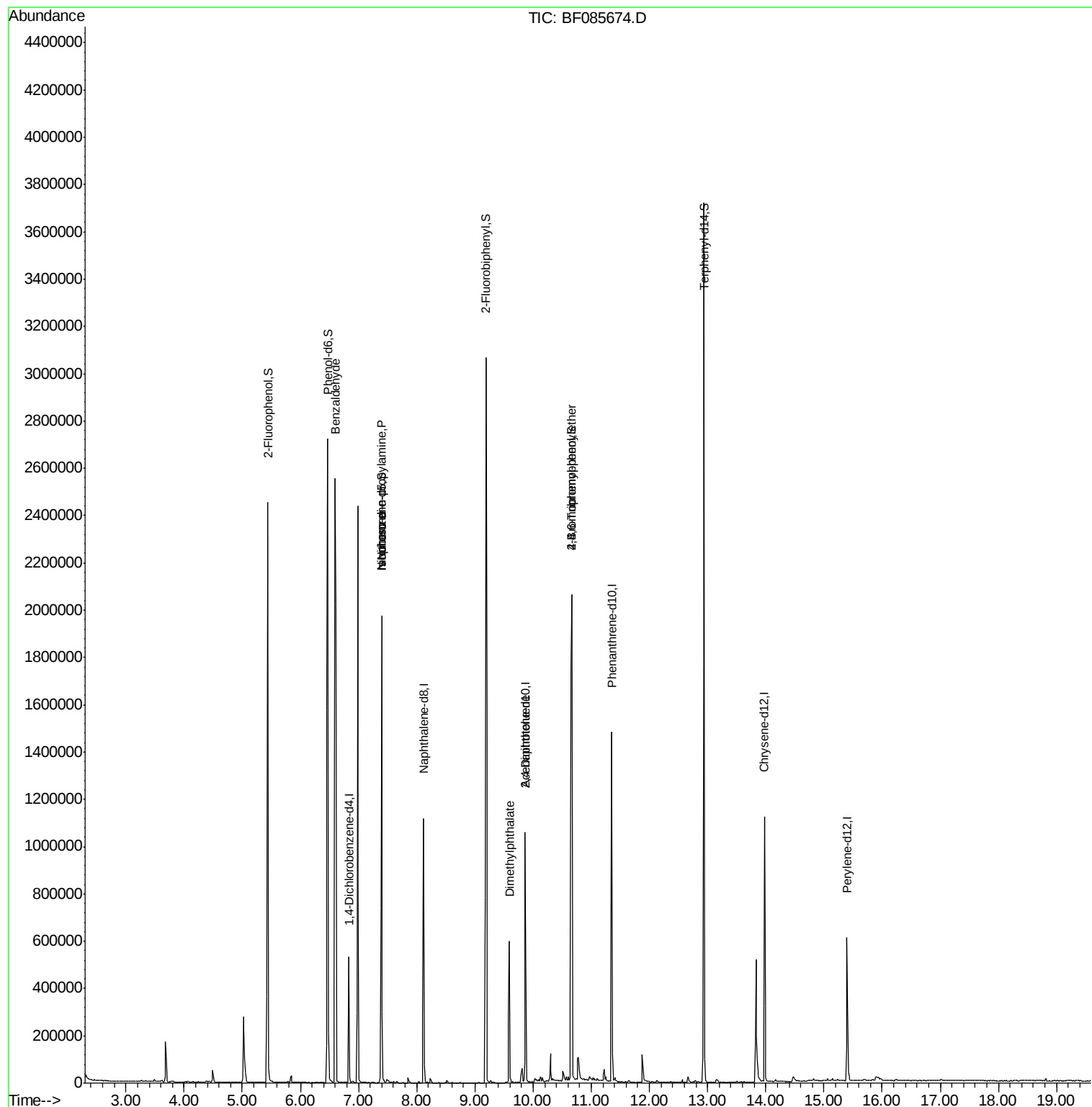
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	119485	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	516216	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	236431	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	498564	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	385435	20.00	ng	-0.03
86) Perylene-d12	15.40	264	276715	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1107631	155.71	ng	-0.01
7) Phenol-d6	6.47	99	1227108	134.50	ng	-0.02
23) Nitrobenzene-d5	7.40	82	750304	84.37	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	433285	187.08	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1304054	97.75	ng	-0.03
78) Terphenyl-d14	12.94	244	1317159	82.23	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.60	77	22062	2.87	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.40	70	98827	18.13	ng	# 78
25) Isophorone	7.40	82	558004	31.34	ng	# 68
49) Dimethylphthalate	9.59	163	281503	15.78	ng	99
56) 2,4-Dinitrotoluene	9.86	165	29604	6.00	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	27302	5.48	ng	# 1

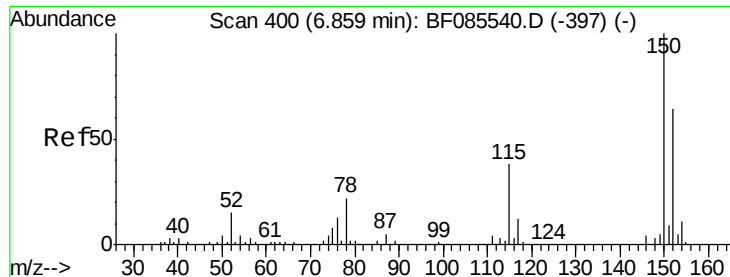
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085674.D

Acq: 22 Mar 2016 22:32

Instrument :

BNA_F

ClientSampleId :

SB-03(12-14)

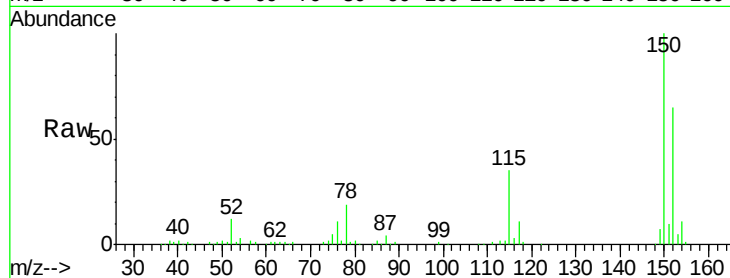
Tgt Ion:152 Resp: 119485

Ion Ratio Lower Upper

152 100

150 153.4 124.2 186.2

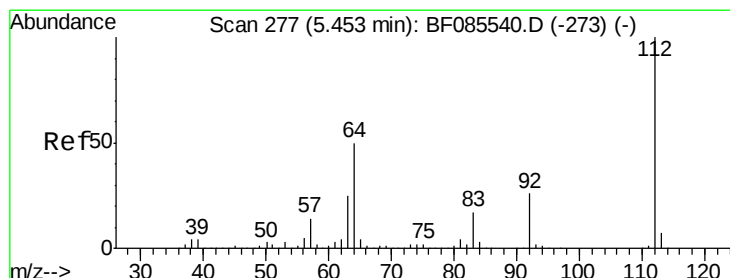
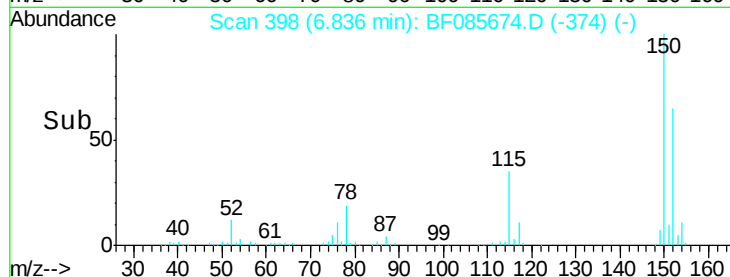
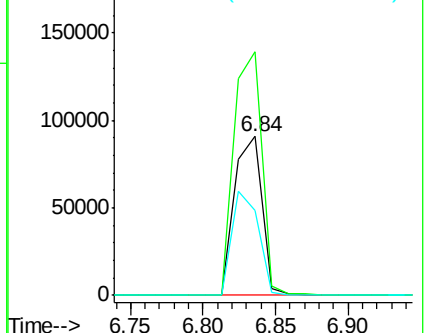
115 53.8 47.0 70.6



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: 155.71 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085674.D

Acq: 22 Mar 2016 22:32

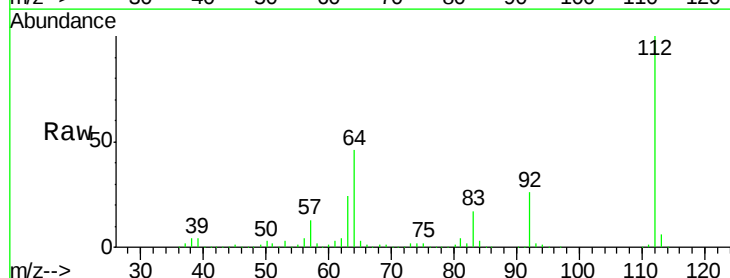
Tgt Ion:112 Resp: 1107631

Ion Ratio Lower Upper

112 100

64 46.5 39.9 59.9

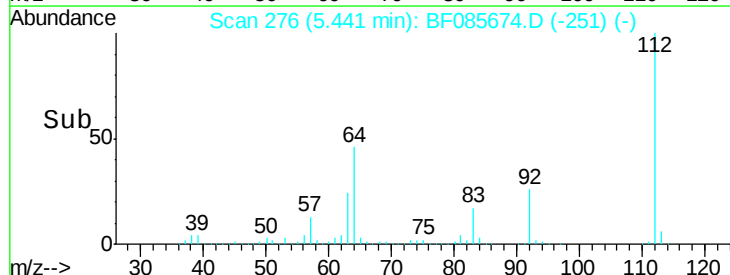
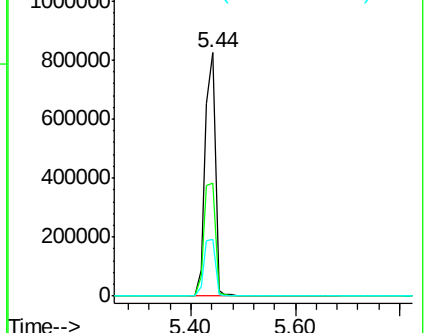
63 23.5 20.2 30.2

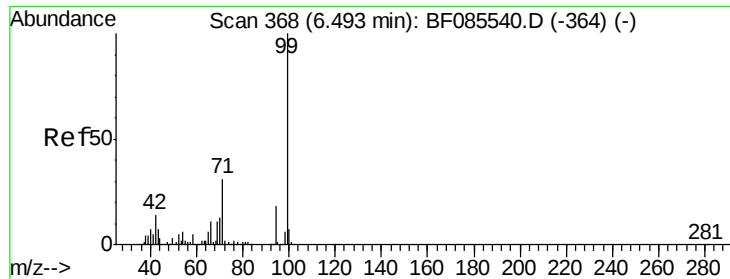


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.50 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085674.D

Acq: 22 Mar 2016 22:32

Instrument :

BNA_F

ClientSampleId :

SB-03(12-14)

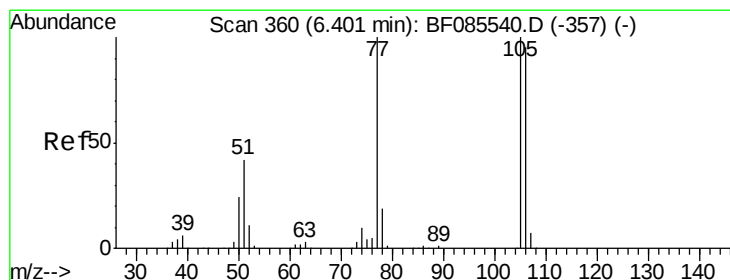
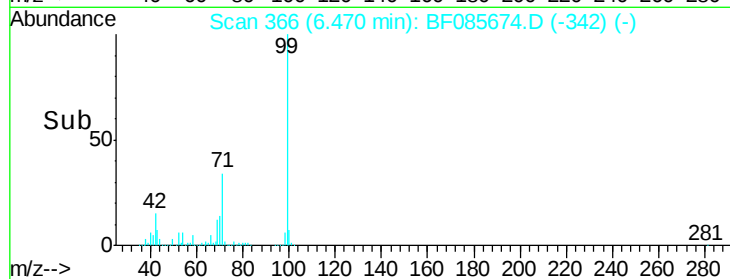
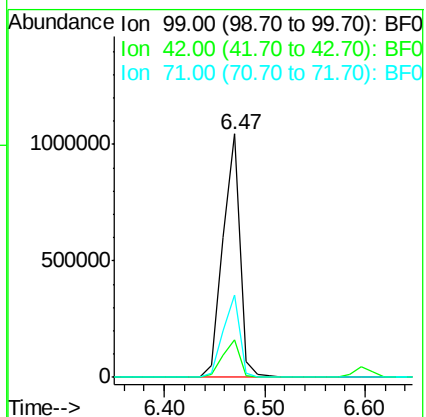
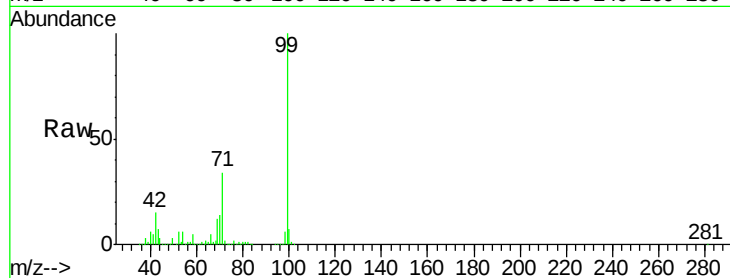
Tgt Ion: 99 Resp: 1227108

Ion Ratio Lower Upper

99 100

42 15.2 11.1 16.7

71 34.0 24.9 37.3



#9

Benzaldehyde

Concen: 2.87 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.19 min

Lab File: BF085674.D

Acq: 22 Mar 2016 22:32

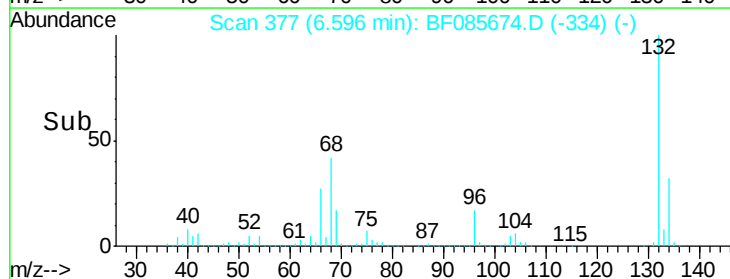
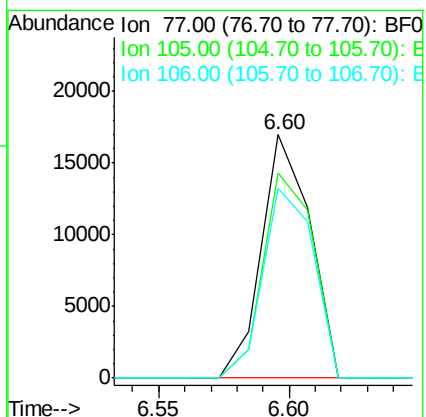
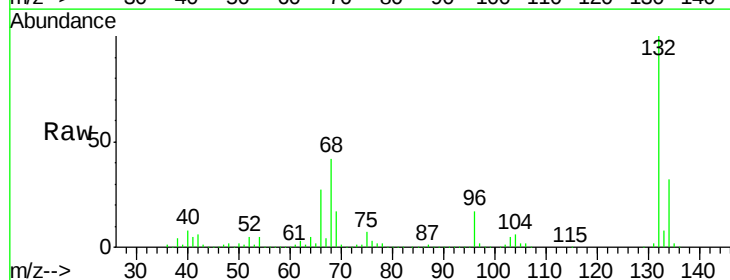
Tgt Ion: 77 Resp: 22062

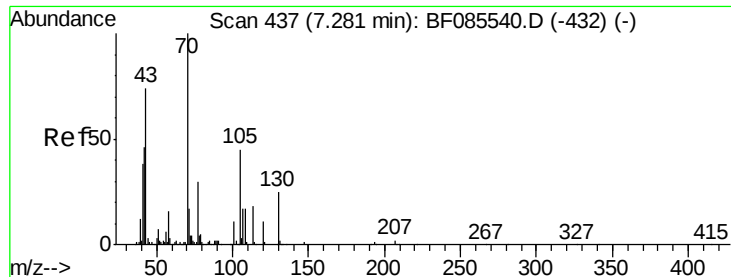
Ion Ratio Lower Upper

77 100

105 84.5 80.1 120.1

106 77.8 75.0 115.0

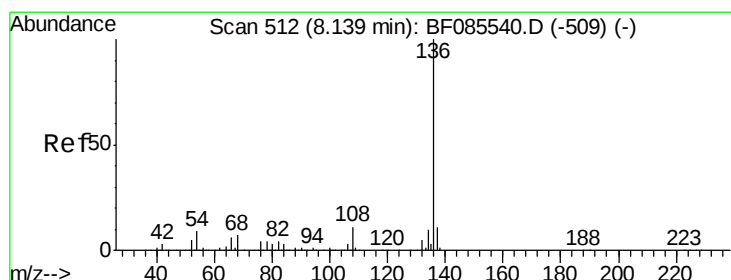
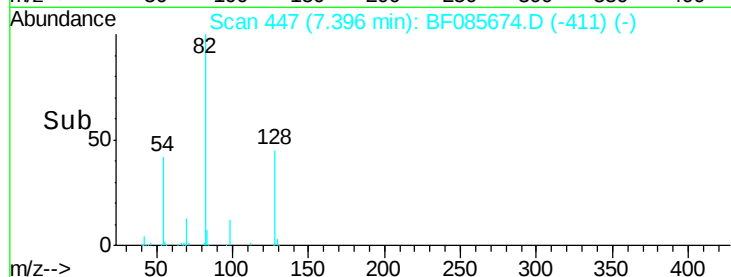
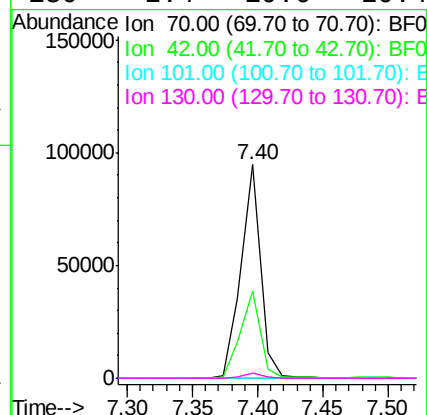
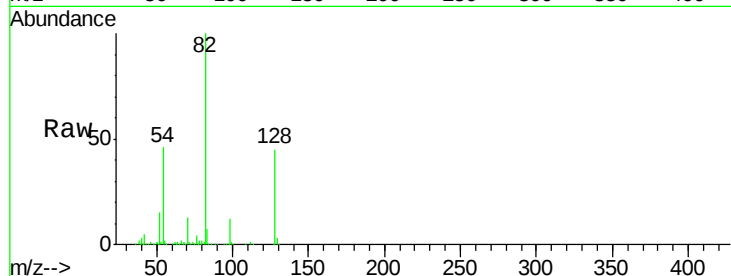




#19
n-Nitroso-di-n-propylamine
Concen: 18.13 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.11 min
Lab File: BF085674.D
Acq: 22 Mar 2016 22:32

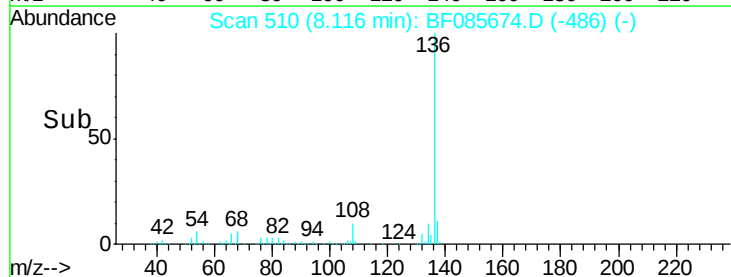
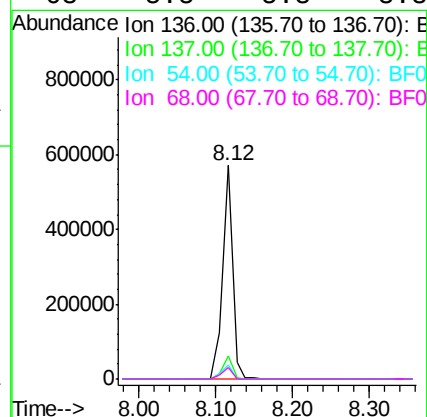
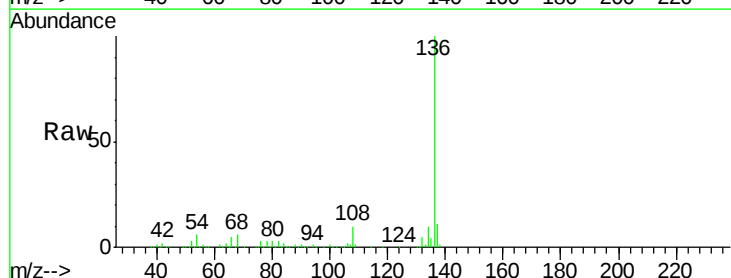
Instrument :
BNA_F
ClientSampleId :
SB-03(12-14)

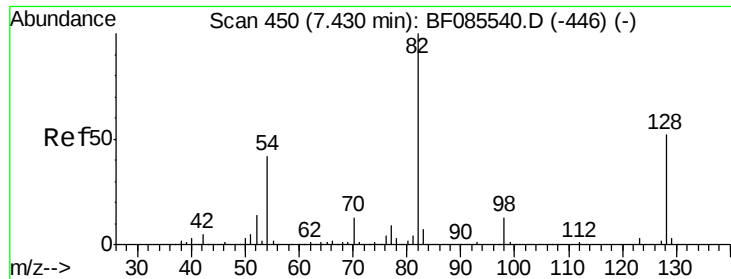
Tgt Ion	Ratio	Lower	Upper
70	100		
42	40.7	37.1	55.7
101	0.0	8.6	12.8#
130	2.4	19.6	29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085674.D
Acq: 22 Mar 2016 22:32

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.5	7.4	11.0#
68	5.5	5.8	8.8#

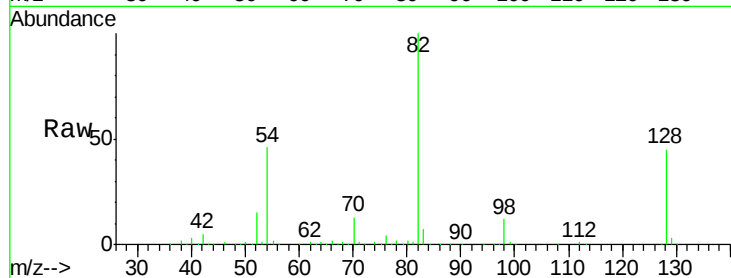




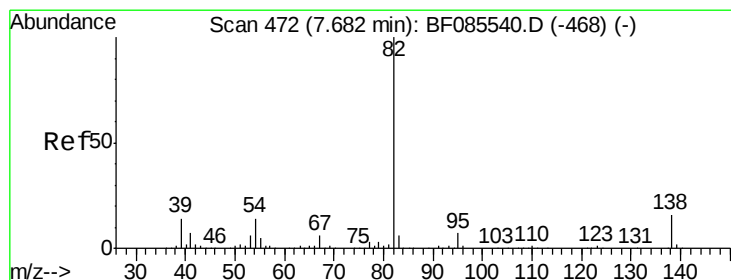
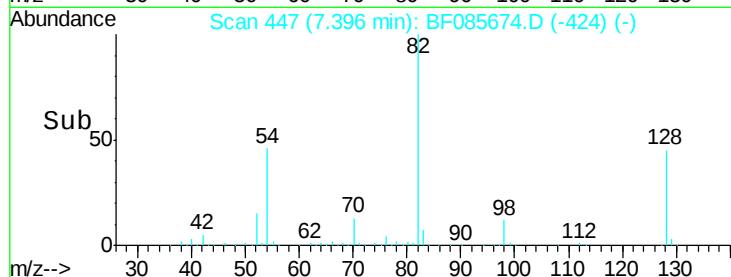
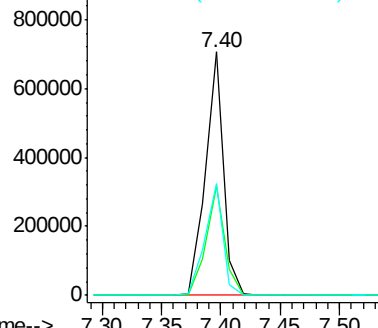
#23
 Nitrobenzene-d5
 Concen: 84.37 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.03 min
 Lab File: BF085674.D
 Acq: 22 Mar 2016 22:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-03(12-14)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.1	41.8	62.8
54	45.8	33.4	50.0

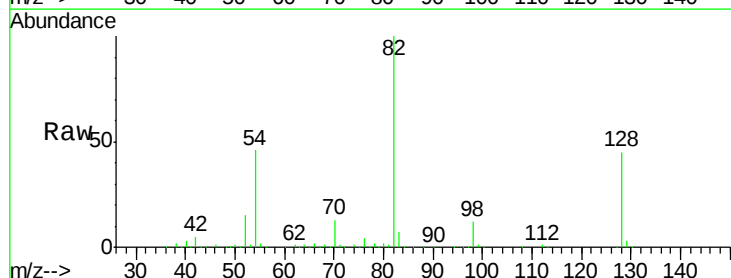


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

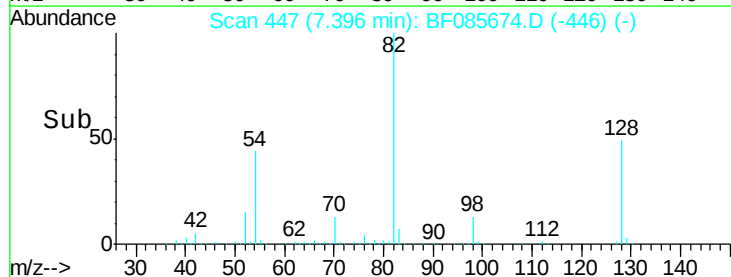
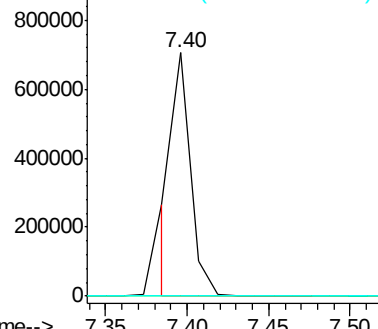


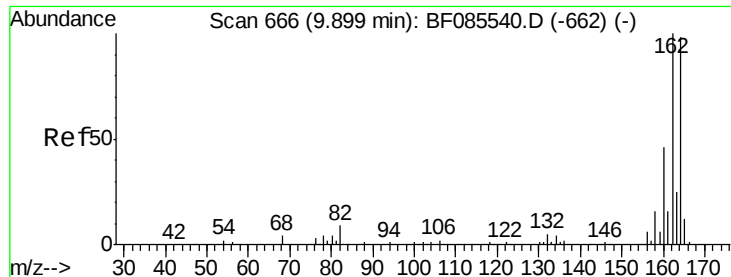
#25
 Isophorone
 Concen: 31.34 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.29 min
 Lab File: BF085674.D
 Acq: 22 Mar 2016 22:32

Tgt 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): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF085674.D

Acq: 22 Mar 2016 22:32

Instrument :

BNA_F

ClientSampleId :

SB-03(12-14)

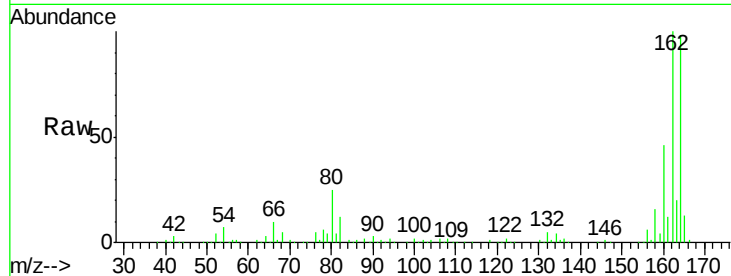
Tgt Ion:164 Resp: 236431

Ion Ratio Lower Upper

164 100

162 101.8 82.1 123.1

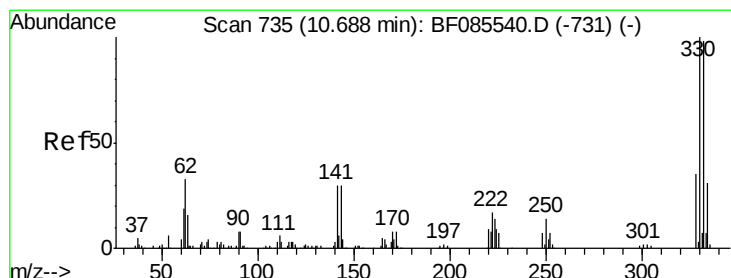
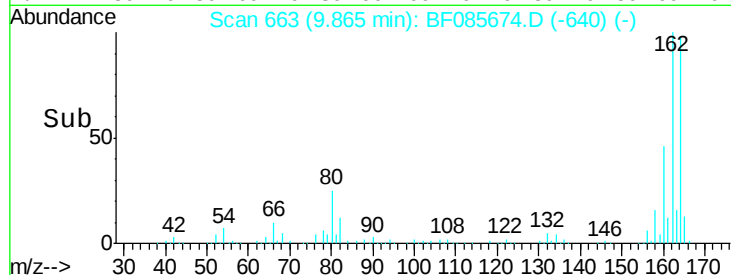
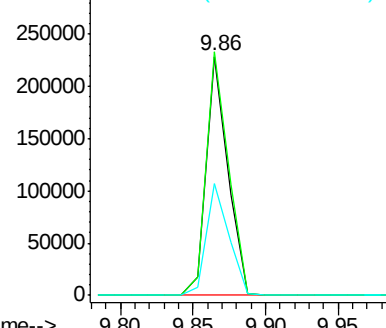
160 46.5 37.4 56.2



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: 187.08 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF085674.D

Acq: 22 Mar 2016 22:32

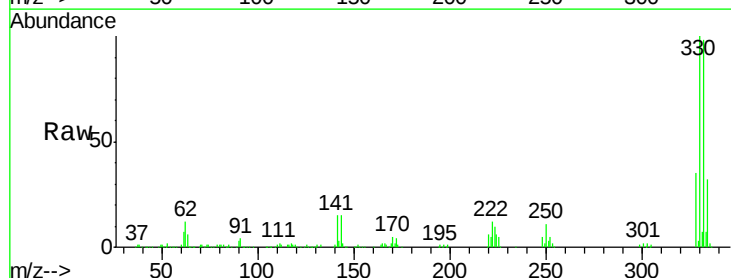
Tgt Ion:330 Resp: 433285

Ion Ratio Lower Upper

330 100

332 96.4 78.2 117.2

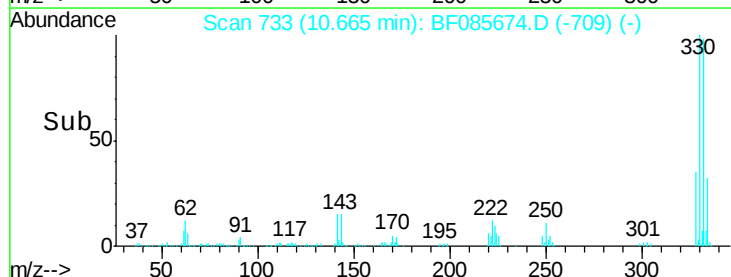
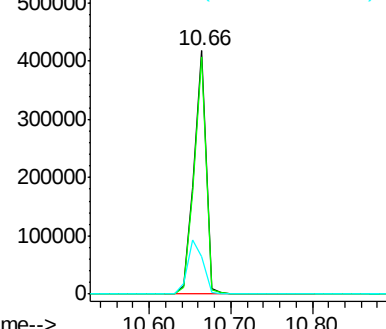
141 28.5 31.5 47.3#

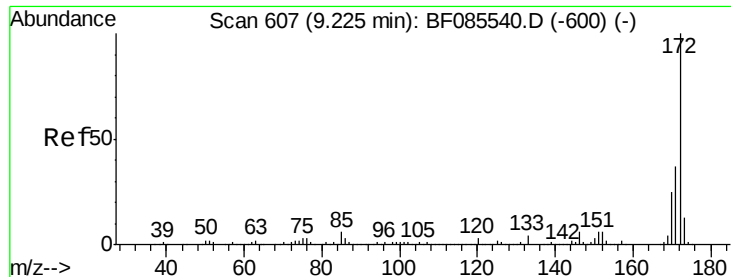


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

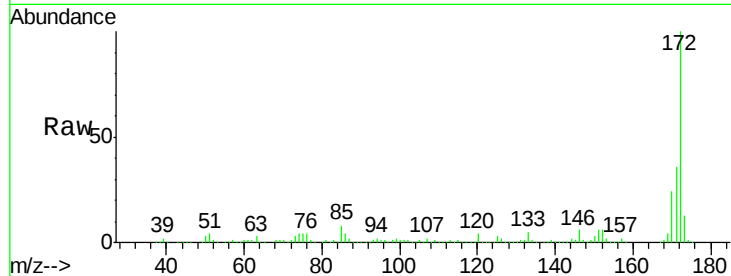




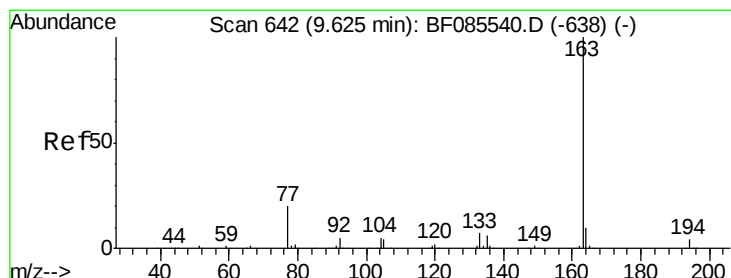
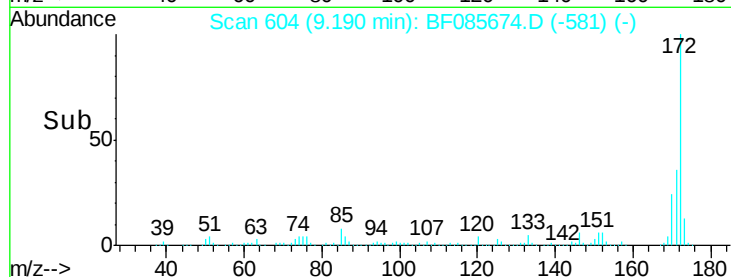
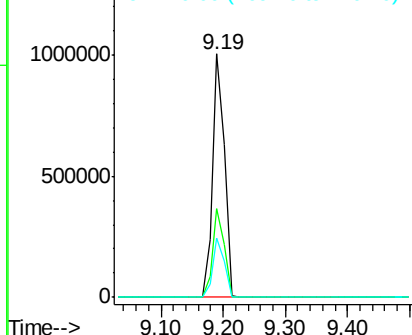
#44
 2-Fluorobiphenyl
 Concen: 97.75 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF085674.D
 Acq: 22 Mar 2016 22:32

Instrument :
 BNA_F
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 SB-03(12-14)

Tgt Ion:172 Resp: 1304054
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.2
 170 24.3 19.8 29.6

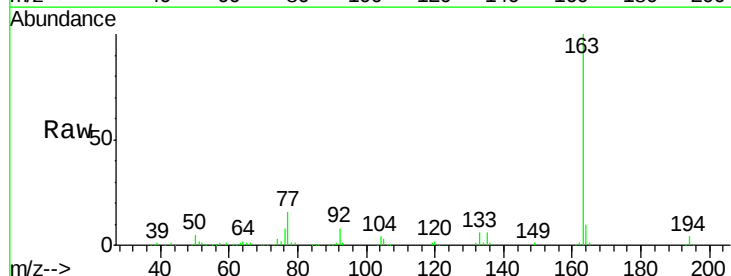


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

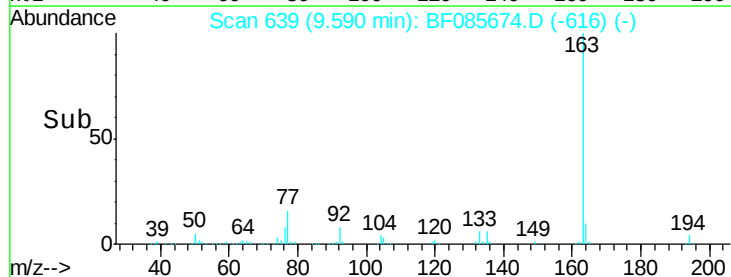
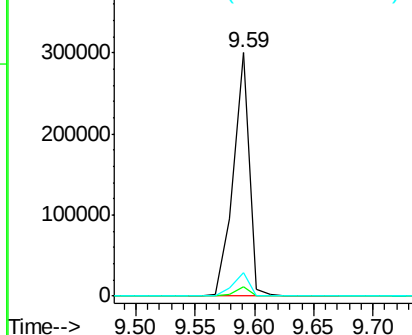


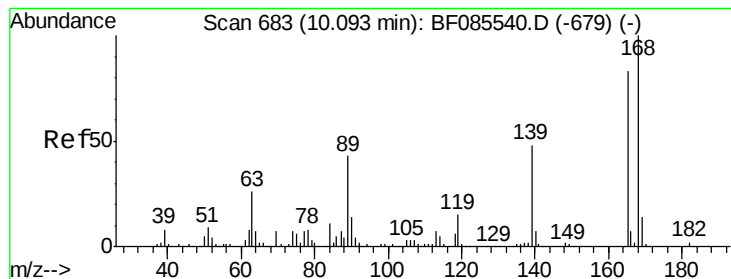
#49
 Dimethylphthalate
 Concen: 15.78 ng
 RT: 9.59 min Scan# 639
 Delta R.T. -0.03 min
 Lab File: BF085674.D
 Acq: 22 Mar 2016 22:32

Tgt Ion:163 Resp: 281503
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.9 4.3
 164 9.8 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 6.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.23 min

Lab File: BF085674.D

Acq: 22 Mar 2016 22:32

Instrument :

BNA_F

ClientSampleId :

SB-03(12-14)

Tgt Ion:165 Resp: 29604

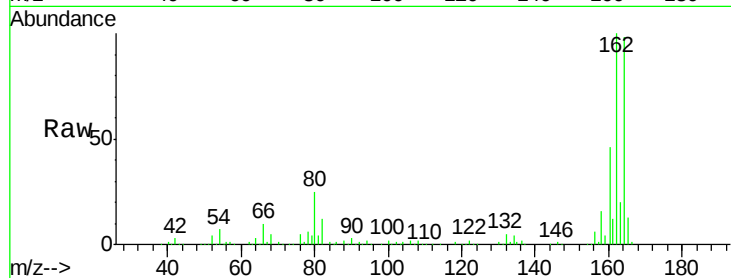
Ion Ratio Lower Upper

165 100

63 1.6 24.9 37.3#

89 1.7 41.0 61.6#

182 0.0 2.1 3.1#

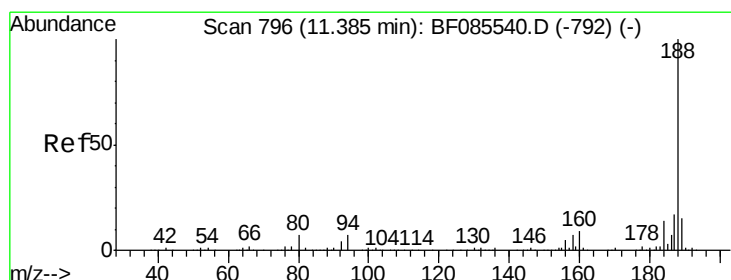
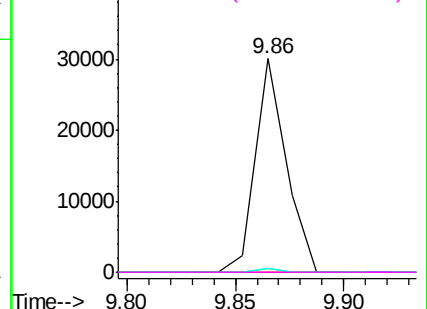
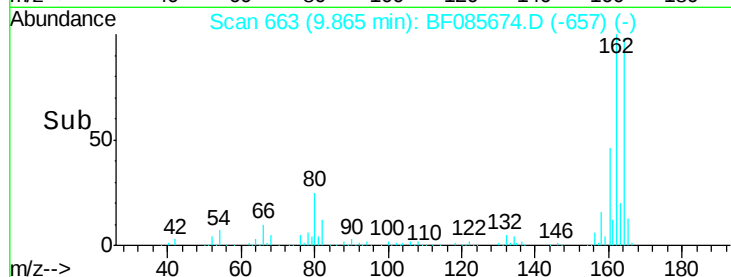


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.35 min Scan# 793

Delta R.T. -0.03 min

Lab File: BF085674.D

Acq: 22 Mar 2016 22:32

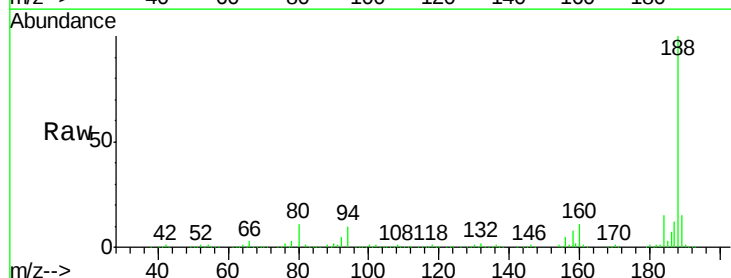
Tgt Ion:188 Resp: 498564

Ion Ratio Lower Upper

188 100

94 10.0 5.4 8.0#

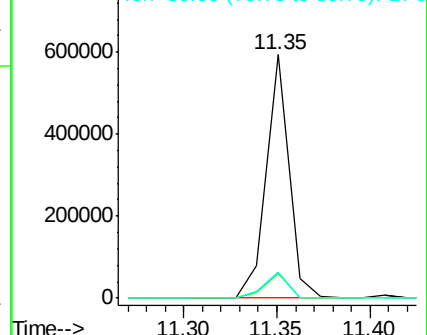
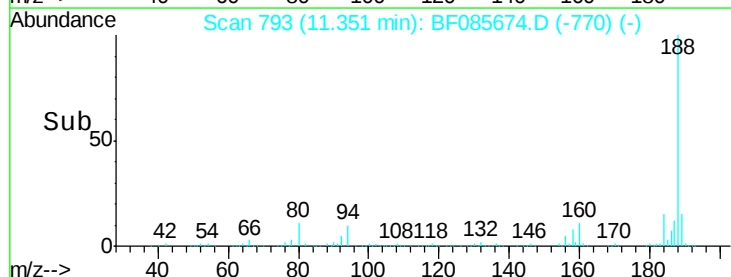
80 10.5 5.5 8.3#

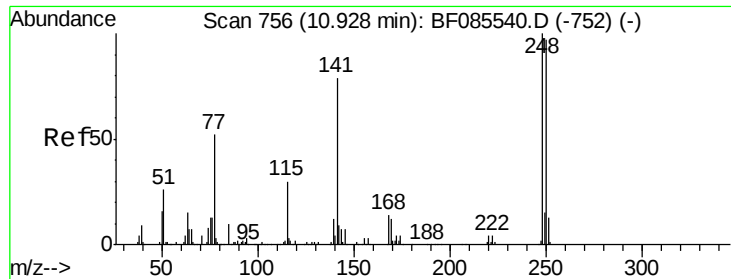


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

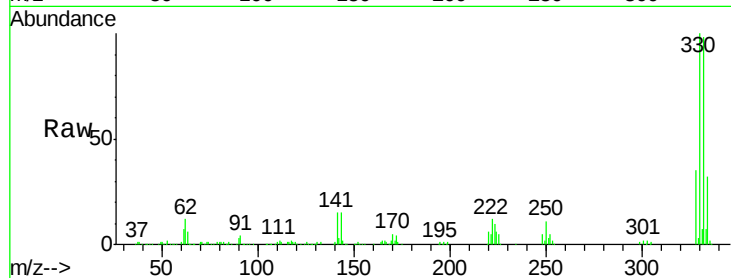




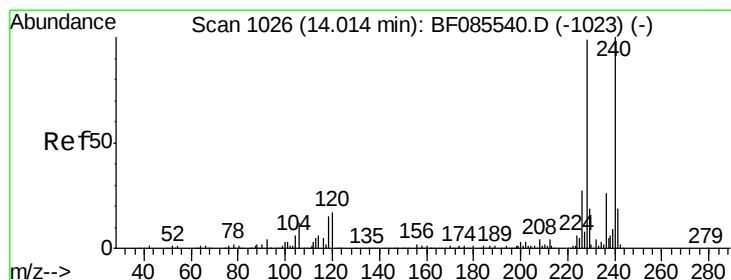
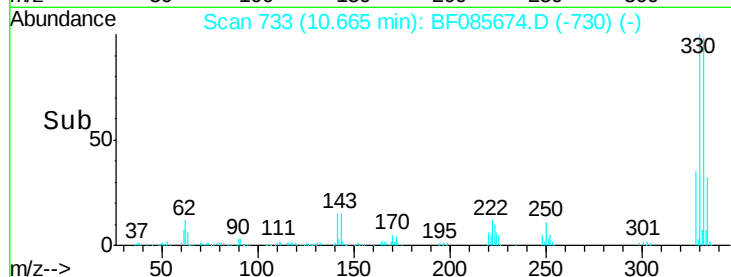
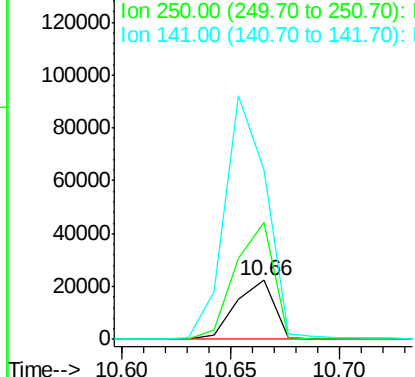
#66
4-Bromophenyl-phenylether
Concen: 5.48 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.26 min
Lab File: BF085674.D
Acq: 22 Mar 2016 22:32

Instrument :
BNA_F
ClientSampleId :
SB-03(12-14)

Tgt Ion:248 Resp: 27302
Ion Ratio Lower Upper
248 100
250 196.7 77.4 116.0#
141 287.5 63.6 95.4#

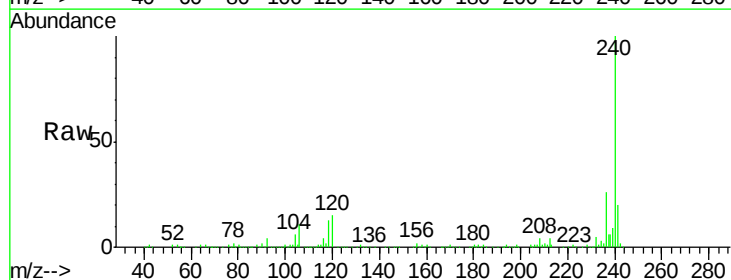


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

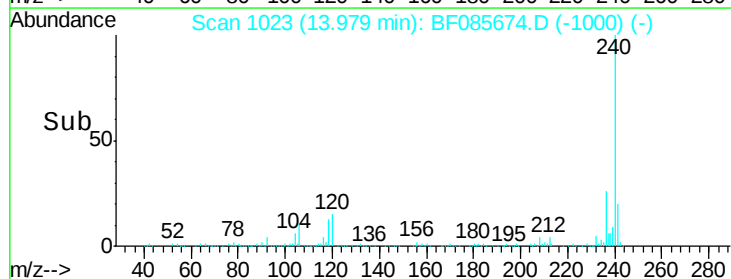
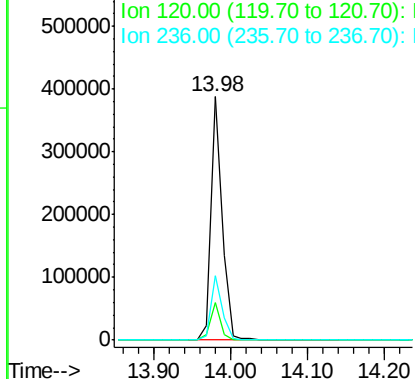


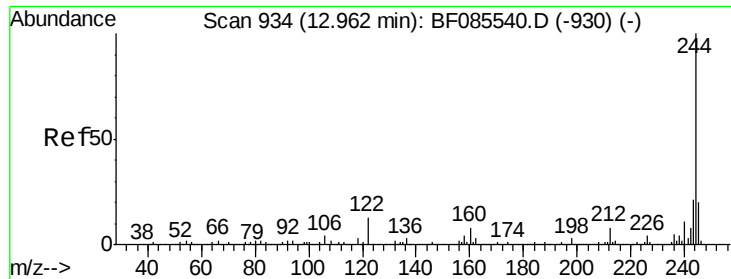
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.03 min
Lab File: BF085674.D
Acq: 22 Mar 2016 22:32

Tgt Ion:240 Resp: 385435
Ion Ratio Lower Upper
240 100
120 15.5 13.8 20.8
236 26.5 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

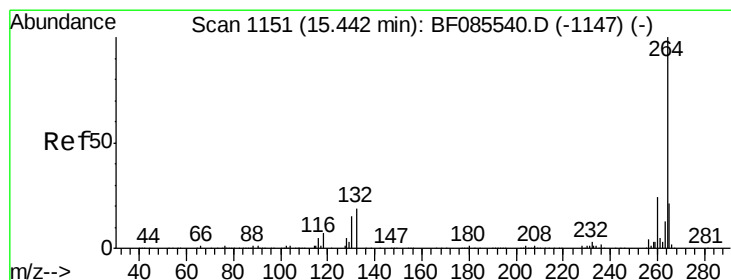
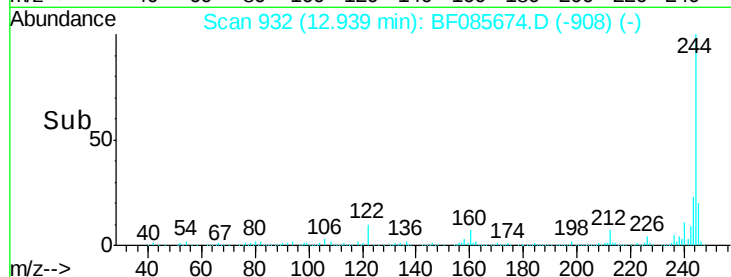
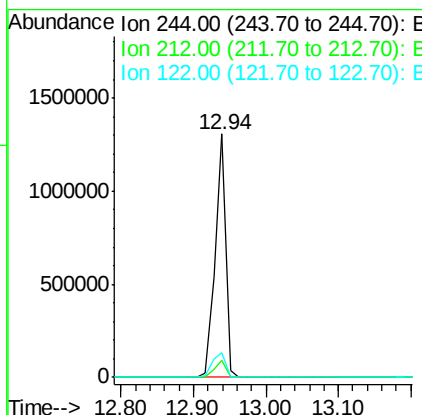
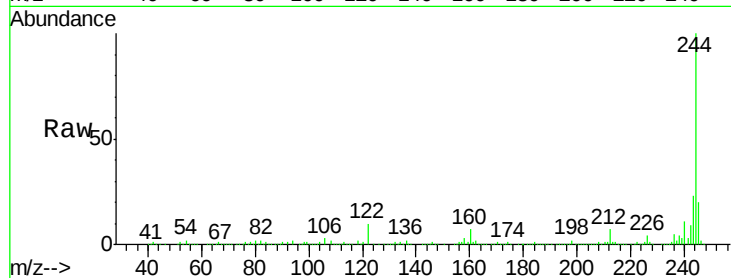




#78
 Terphenyl-d14
 Concen: 82.23 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF085674.D
 Acq: 22 Mar 2016 22:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-03(12-14)

Tgt Ion:244 Resp: 1317159
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 10.0 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.05 min
 Lab File: BF085674.D
 Acq: 22 Mar 2016 22:32

Tgt Ion:264 Resp: 276715
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 21.8 17.2 25.8

