

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085675.D
 Acq On : 22 Mar 2016 23:00
 Operator : UM/SJ
 Sample : H1857-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03(18-20)

Quant Time: Mar 23 00:08:05 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

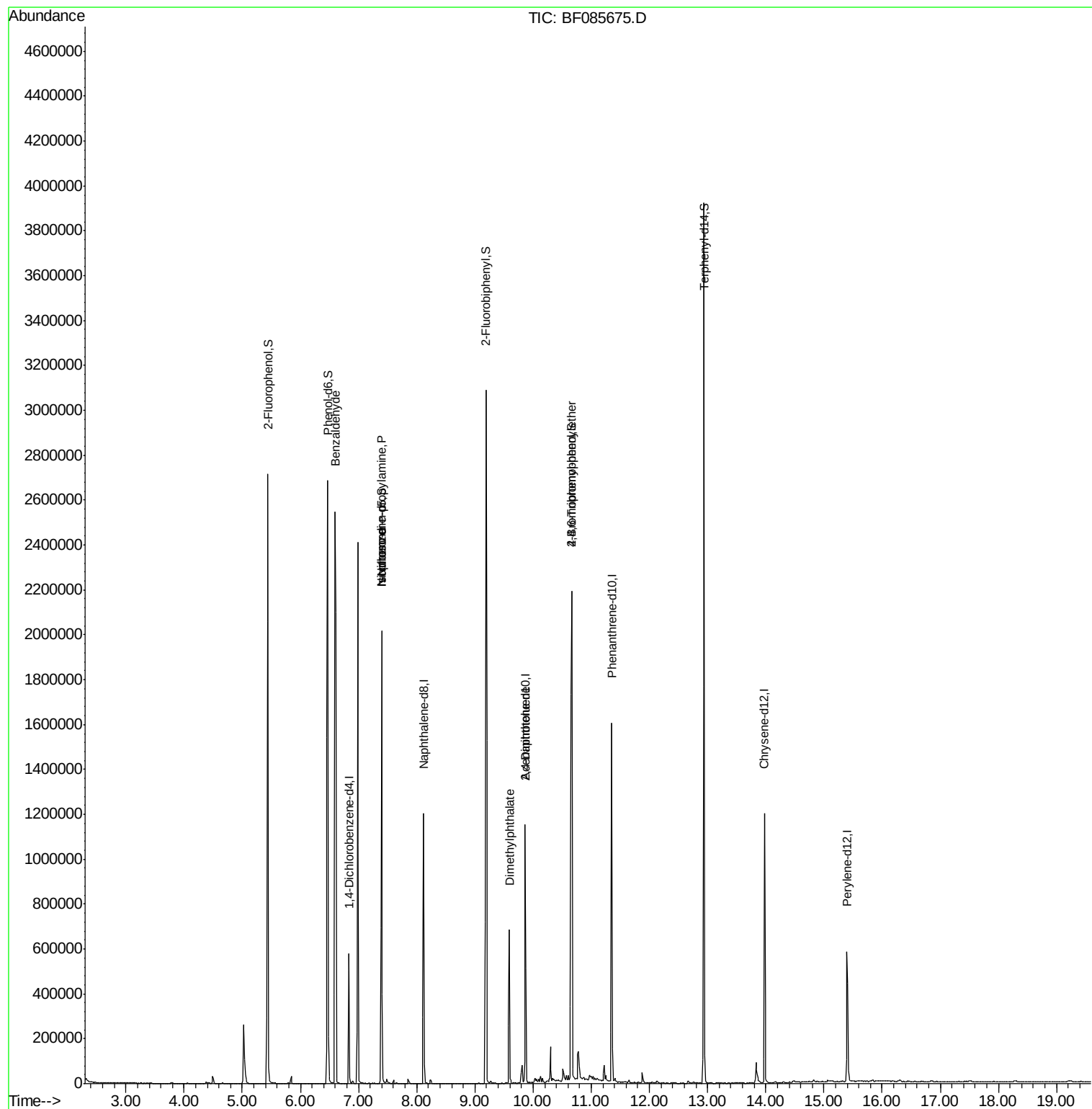
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	128074	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	553681	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	252957	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	538333	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	410568	20.00	ng	-0.03
86) Perylene-d12	15.40	264	299802	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1099072	144.14	ng	-0.01
7) Phenol-d6	6.47	99	1221286	124.88	ng	-0.02
23) Nitrobenzene-d5	7.40	82	771370	80.87	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	439527	177.38	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1288819	87.58	ng	-0.03
78) Terphenyl-d14	12.94	244	1360293	79.73	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.60	77	22454	2.64	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.40	70	101540	17.38	ng	# 78
25) Isophorone	7.40	82	597355	31.28	ng	# 68
49) Dimethylphthalate	9.59	163	307567	16.11	ng	99
56) 2,4-Dinitrotoluene	9.86	165	32949	6.24	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	28164	5.24	ng	# 1

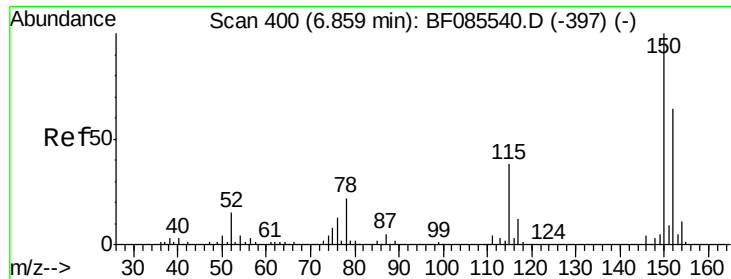
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085675.D

Acq: 22 Mar 2016 23:00

Instrument :

BNA_F

ClientSampleId :

SB-03(18-20)

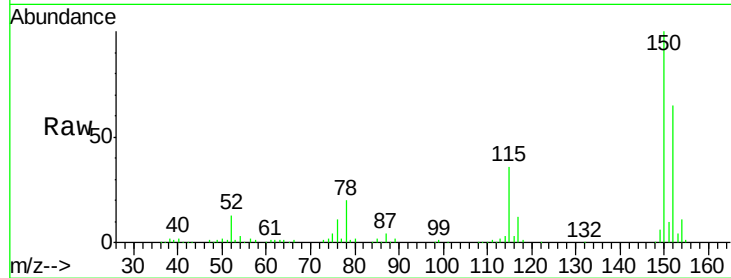
Tgt Ion:152 Resp: 128074

Ion Ratio Lower Upper

152 100

150 152.9 124.2 186.2

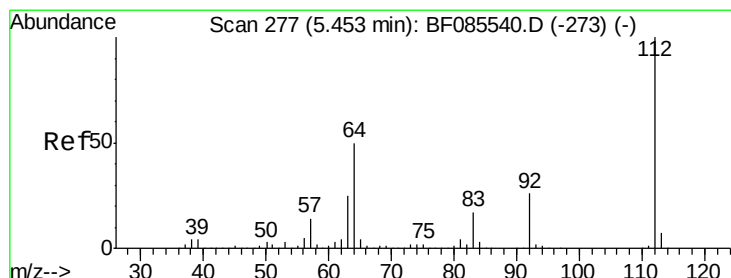
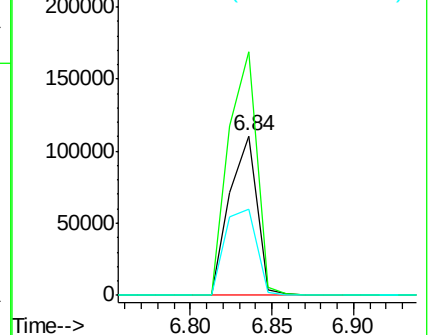
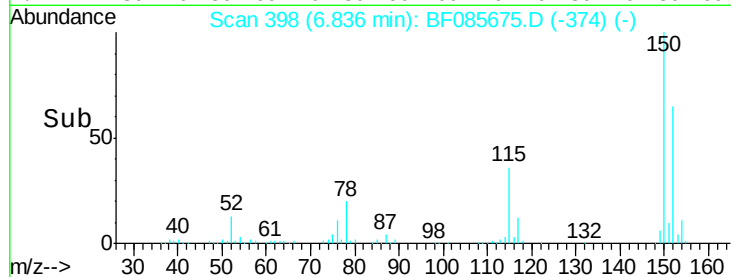
115 54.3 47.0 70.6



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: 144.14 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085675.D

Acq: 22 Mar 2016 23:00

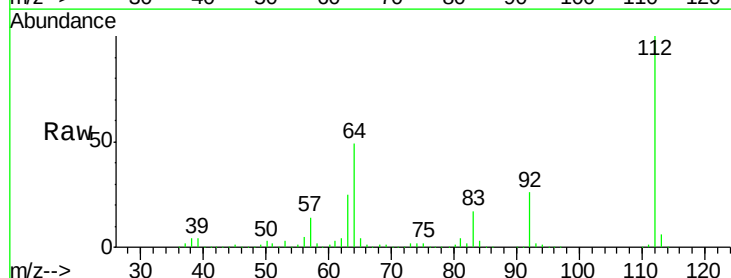
Tgt Ion:112 Resp: 1099072

Ion Ratio Lower Upper

112 100

64 49.4 39.9 59.9

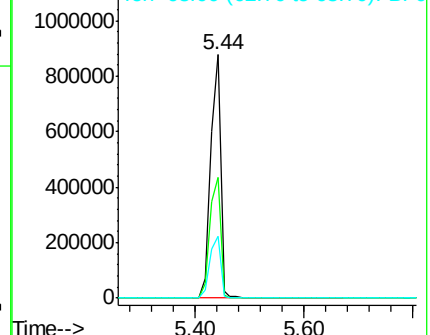
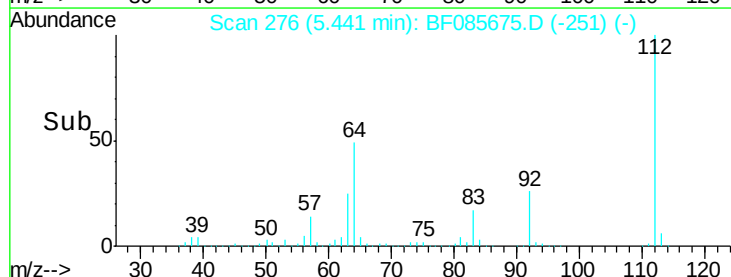
63 25.3 20.2 30.2

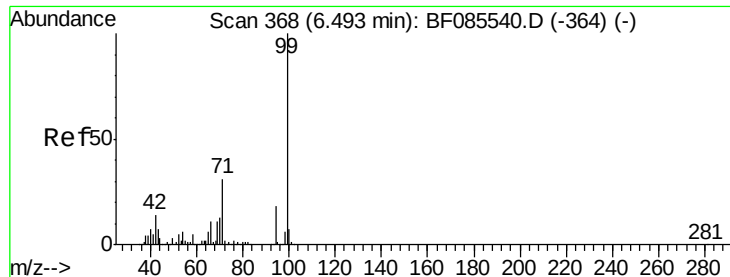


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.88 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085675.D

Acq: 22 Mar 2016 23:00

Instrument :

BNA_F

ClientSampleId :

SB-03(18-20)

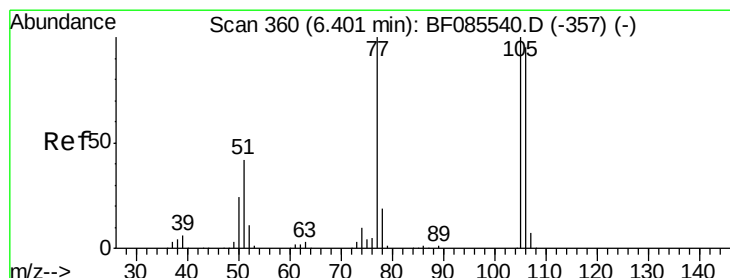
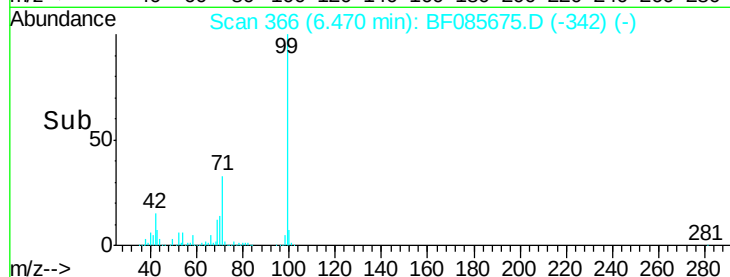
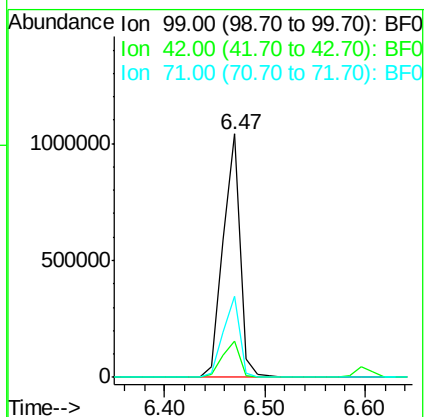
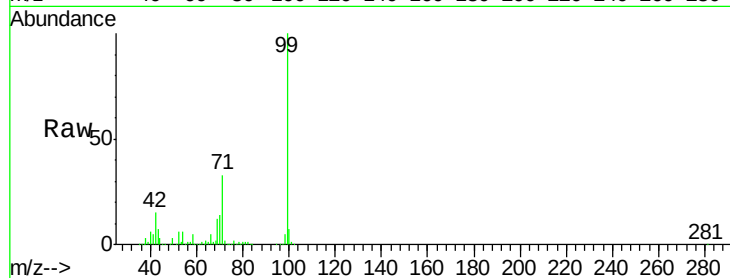
Tgt Ion: 99 Resp: 1221286

Ion Ratio Lower Upper

99 100

42 14.9 11.1 16.7

71 33.3 24.9 37.3



#9

Benzaldehyde

Concen: 2.64 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.19 min

Lab File: BF085675.D

Acq: 22 Mar 2016 23:00

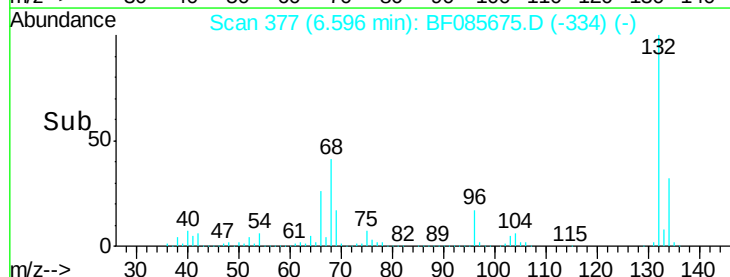
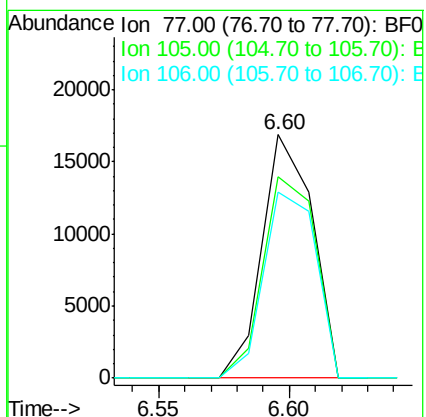
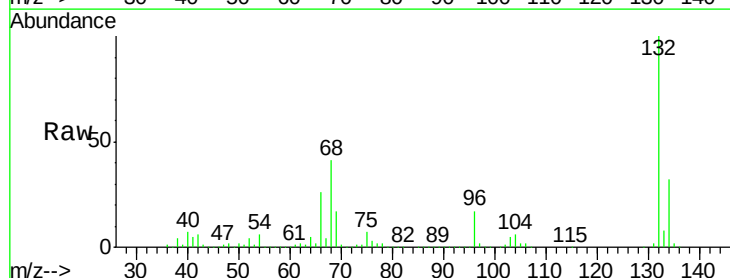
Tgt Ion: 77 Resp: 22454

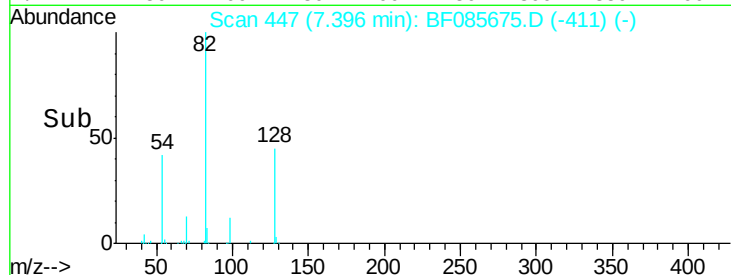
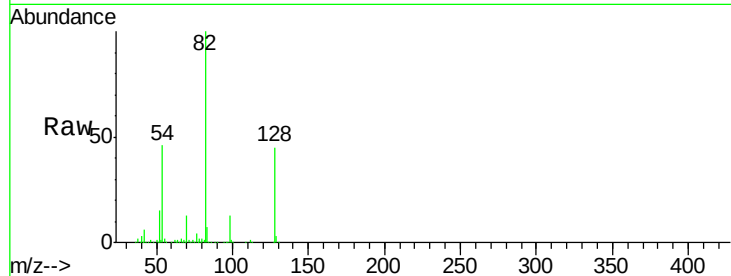
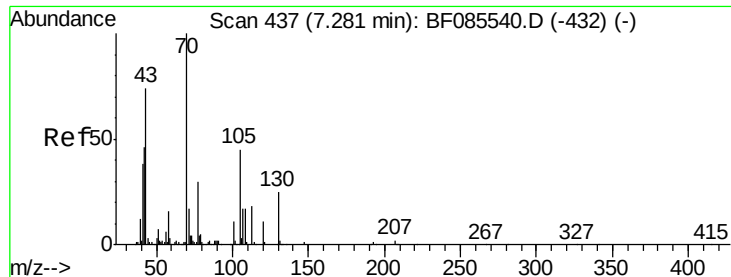
Ion Ratio Lower Upper

77 100

105 82.6 80.1 120.1

106 76.5 75.0 115.0

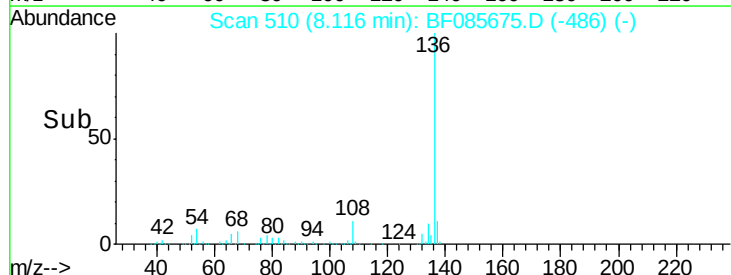
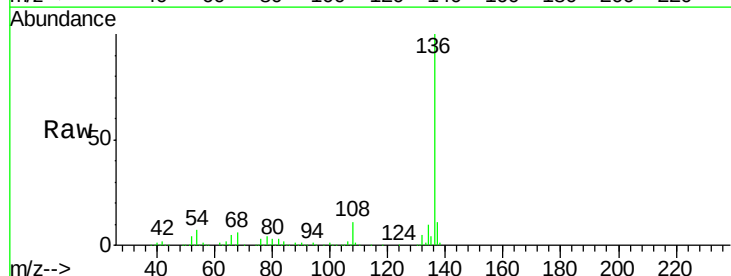
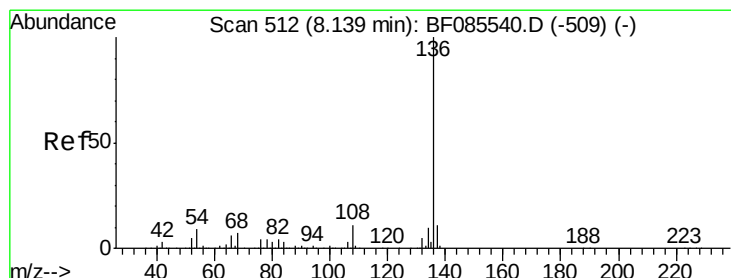
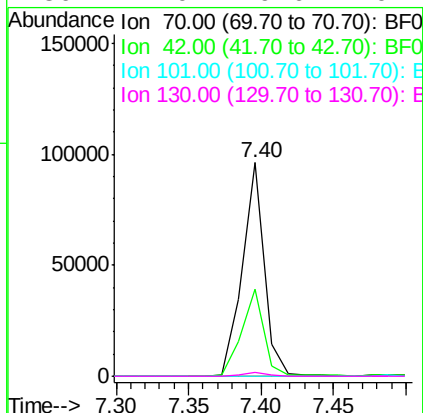




#19
n-Nitroso-di-n-propylamine
Concen: 17.38 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.11 min
Lab File: BF085675.D
Acq: 22 Mar 2016 23:00

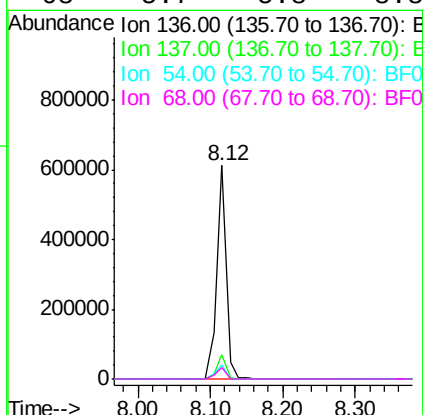
Instrument :
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SB-03(18-20)

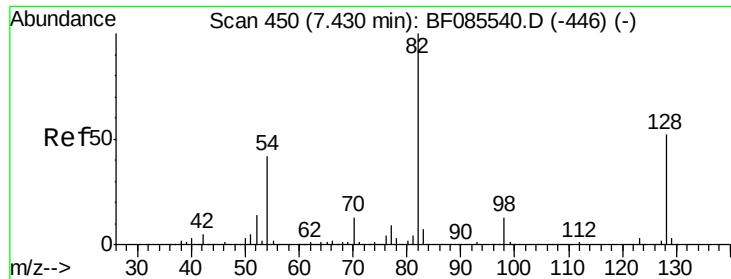
Tgt Ion: 70 Resp: 101540
Ion Ratio Lower Upper
70 100
42 40.8 37.1 55.7
101 0.0 8.6 12.8#
130 2.0 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085675.D
Acq: 22 Mar 2016 23:00

Tgt Ion: 136 Resp: 553681
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 6.6 7.4 11.0#
68 5.7 5.8 8.8#

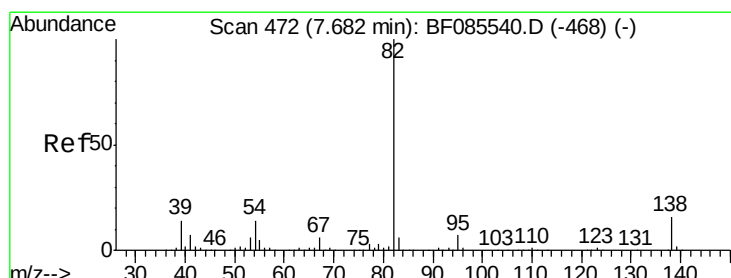
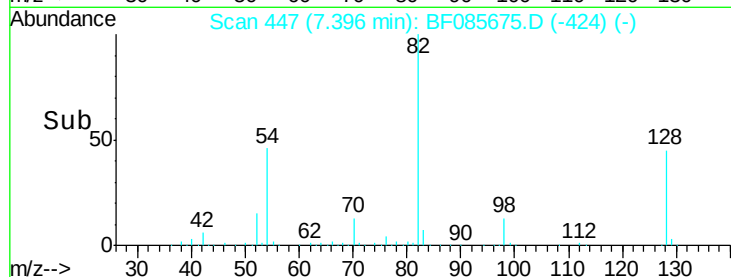
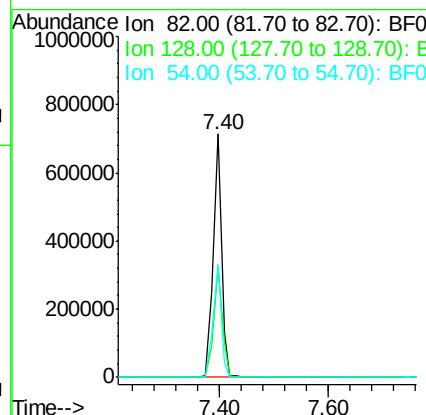
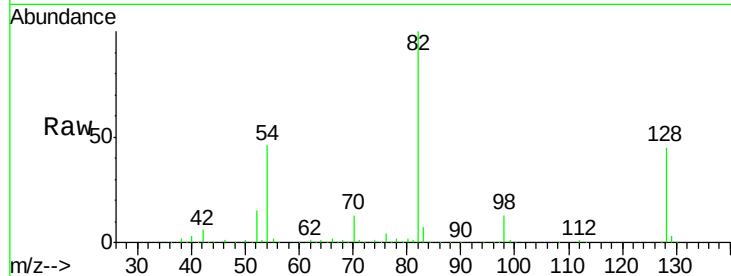




#23
 Nitrobenzene-d5
 Concen: 80.87 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.03 min
 Lab File: BF085675.D
 Acq: 22 Mar 2016 23:00

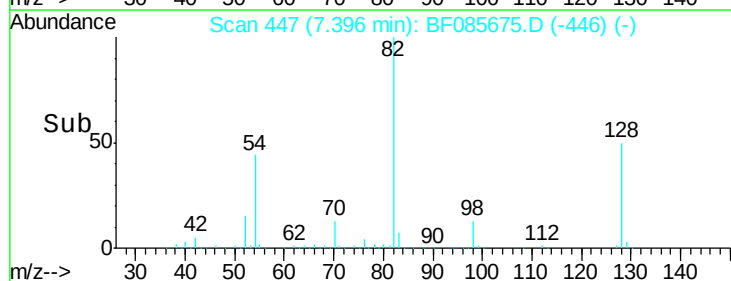
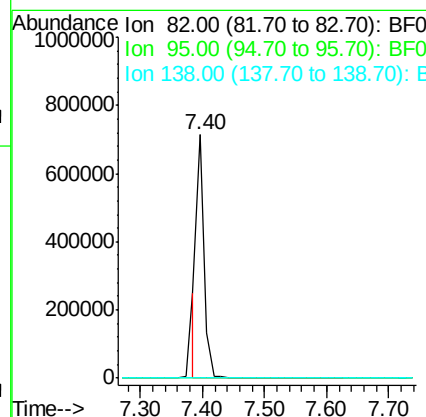
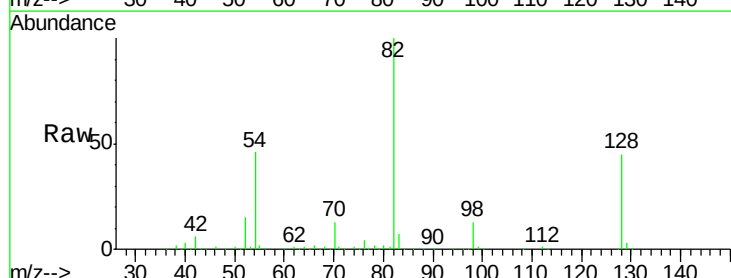
Instrument :
 BNA_F
 ClientSampleId :
 SB-03(18-20)

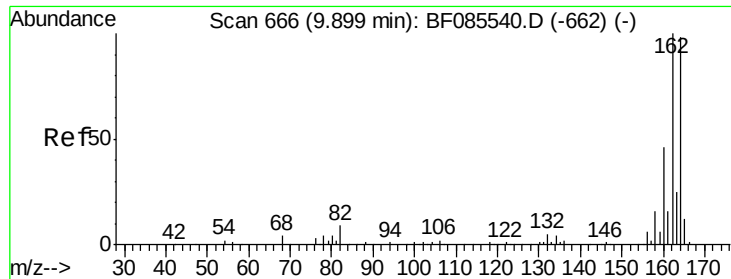
Tgt Ion: 82 Resp: 771370
 Ion Ratio Lower Upper
 82 100
 128 45.4 41.8 62.8
 54 46.2 33.4 50.0



#25
 Isophorone
 Concen: 31.28 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.29 min
 Lab File: BF085675.D
 Acq: 22 Mar 2016 23:00

Tgt Ion: 82 Resp: 597355
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF085675.D

Acq: 22 Mar 2016 23:00

Instrument :

BNA_F

ClientSampleId :

SB-03(18-20)

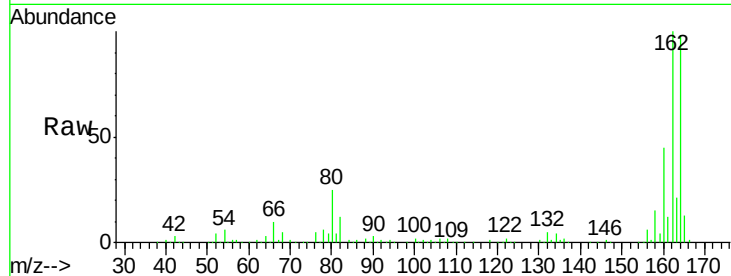
Tgt Ion:164 Resp: 252957

Ion Ratio Lower Upper

164 100

162 102.3 82.1 123.1

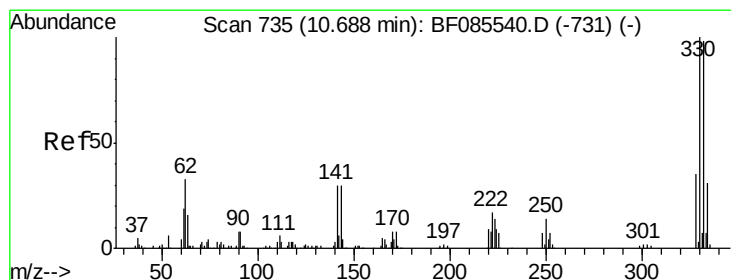
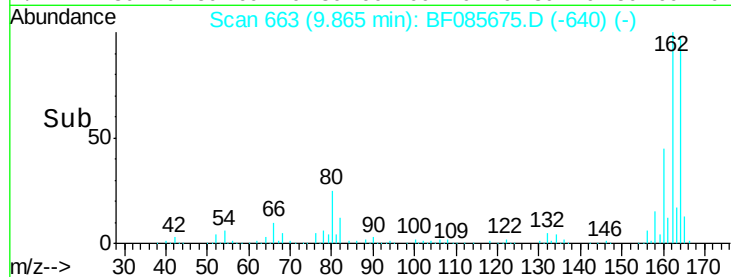
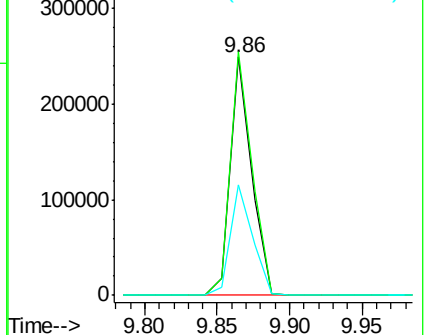
160 46.3 37.4 56.2



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: 177.38 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF085675.D

Acq: 22 Mar 2016 23:00

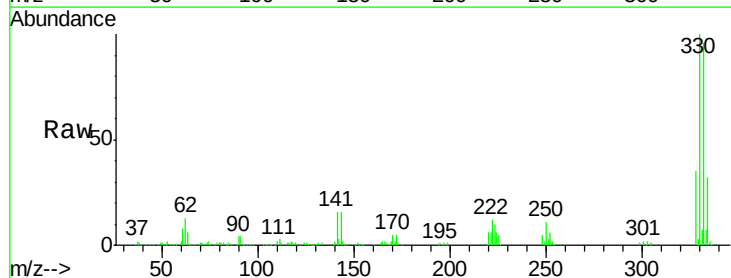
Tgt Ion:330 Resp: 439527

Ion Ratio Lower Upper

330 100

332 96.1 78.2 117.2

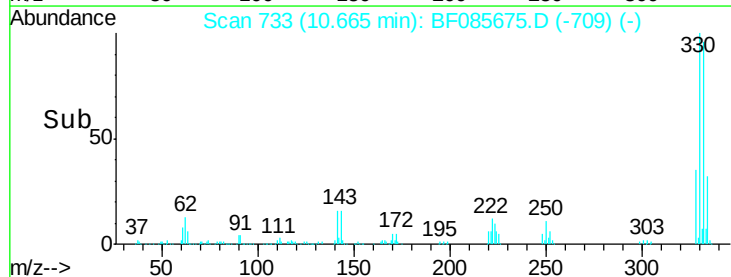
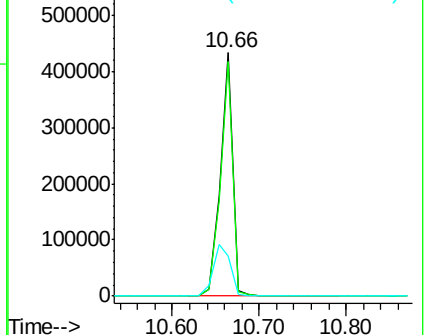
141 29.3 31.5 47.3#

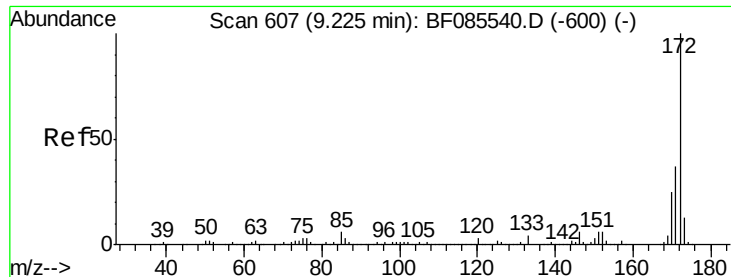


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

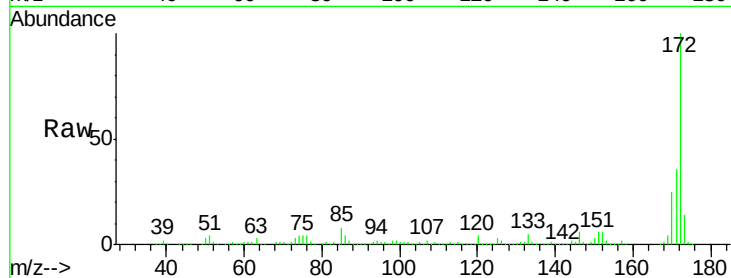




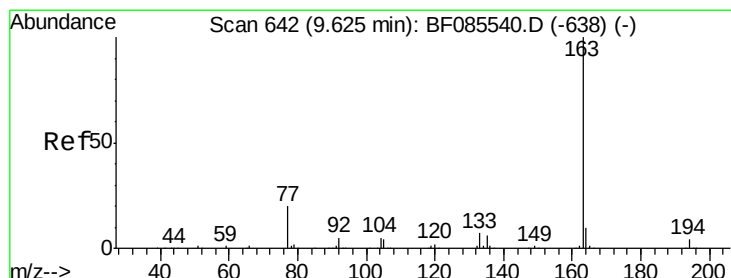
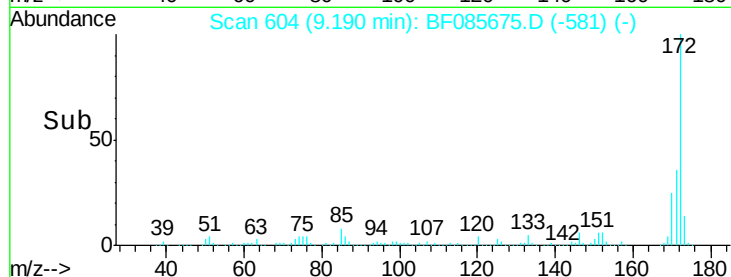
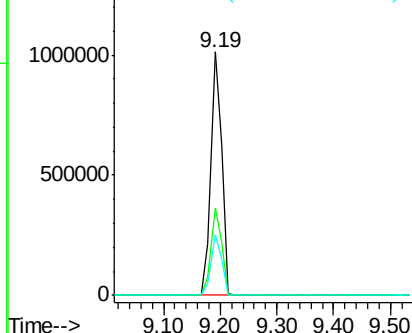
#44
 2-Fluorobiphenyl
 Concen: 87.58 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF085675.D
 Acq: 22 Mar 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-03(18-20)

Tgt Ion:172 Resp: 1288819
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.2
 170 24.6 19.8 29.6

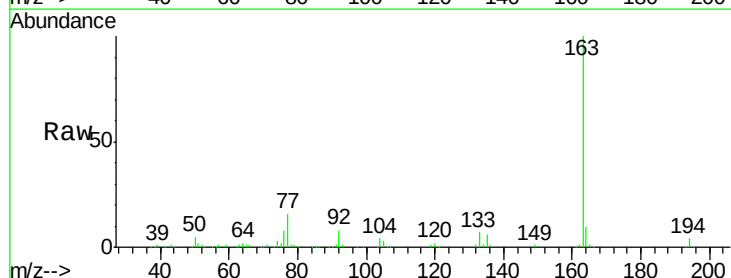


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

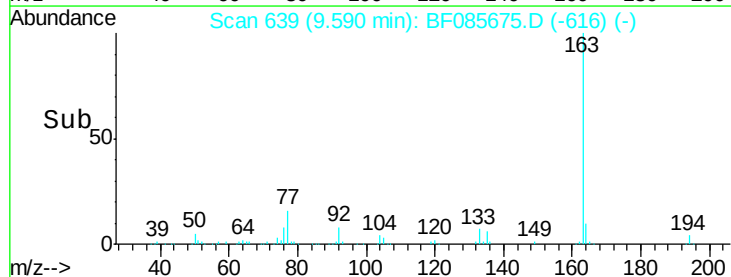
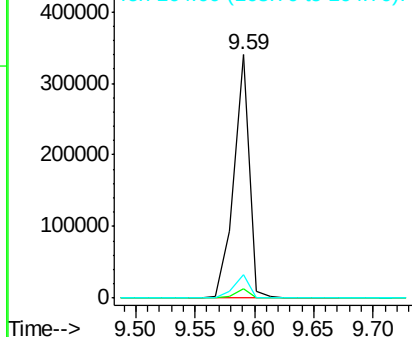


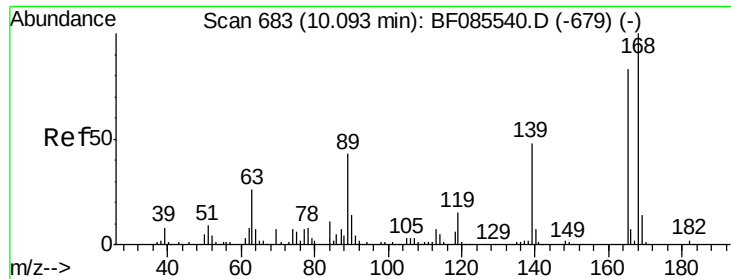
#49
 Dimethylphthalate
 Concen: 16.11 ng
 RT: 9.59 min Scan# 639
 Delta R.T. -0.03 min
 Lab File: BF085675.D
 Acq: 22 Mar 2016 23:00

Tgt Ion:163 Resp: 307567
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.9 4.3
 164 9.9 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

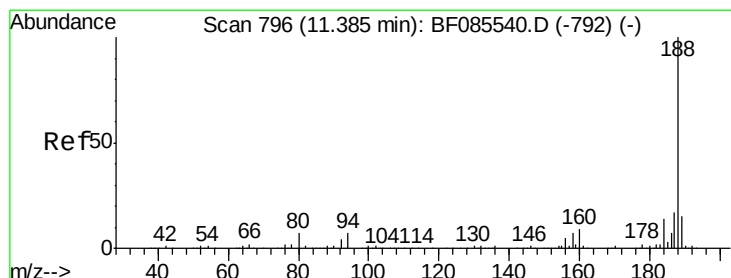
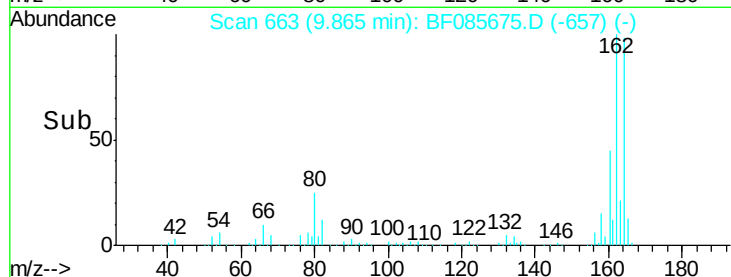
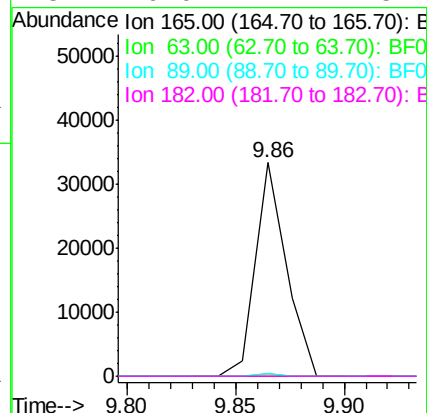
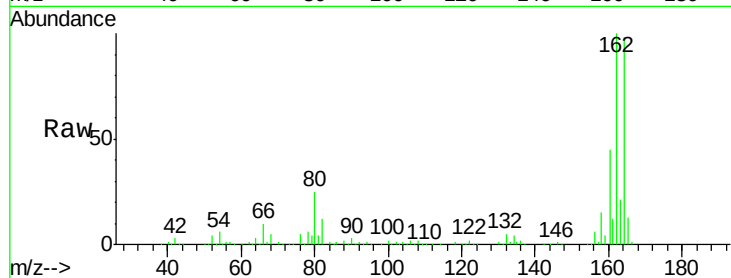




#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.23 min
 Lab File: BF085675.D
 Acq: 22 Mar 2016 23:00

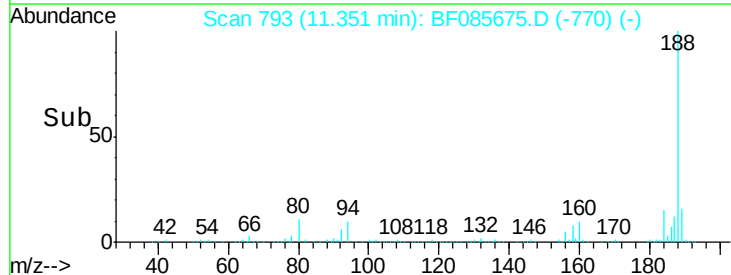
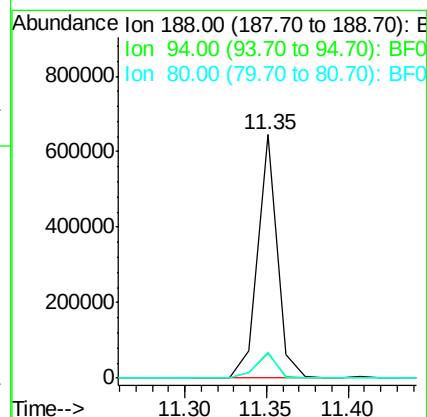
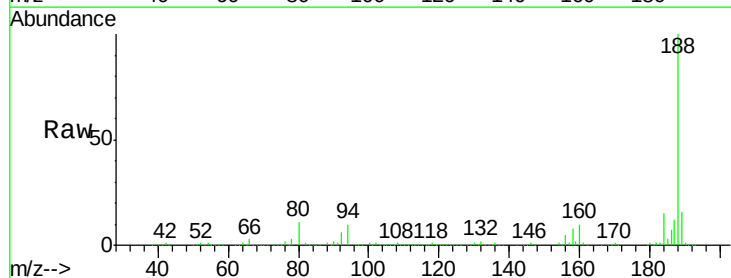
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 SB-03(18-20)

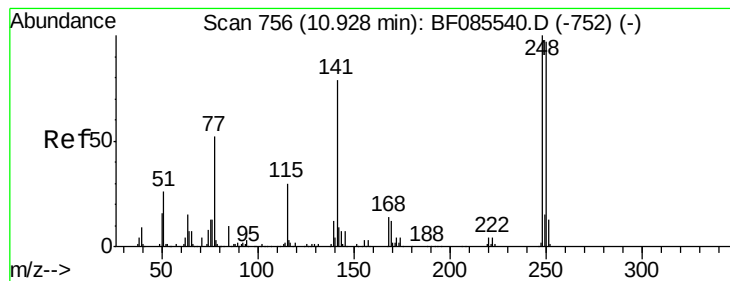
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	24.9	37.3#
89	1.5	41.0	61.6#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF085675.D
 Acq: 22 Mar 2016 23:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	5.4	8.0#
80	10.7	5.5	8.3#





#66

4-Bromophenyl-phenylether

Concen: 5.24 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.26 min

Lab File: BF085675.D

Acq: 22 Mar 2016 23:00

Instrument :

BNA_F

ClientSampleId :

SB-03(18-20)

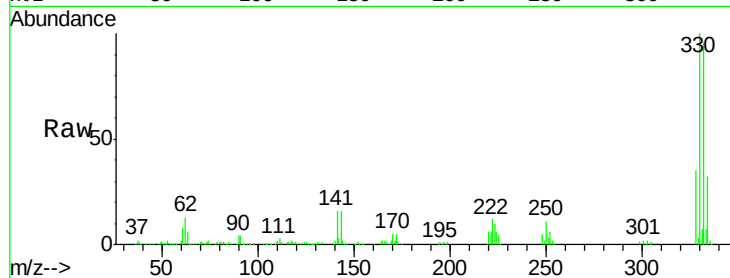
Tgt Ion:248 Resp: 28164

Ion Ratio Lower Upper

248 100

250 197.4 77.4 116.0#

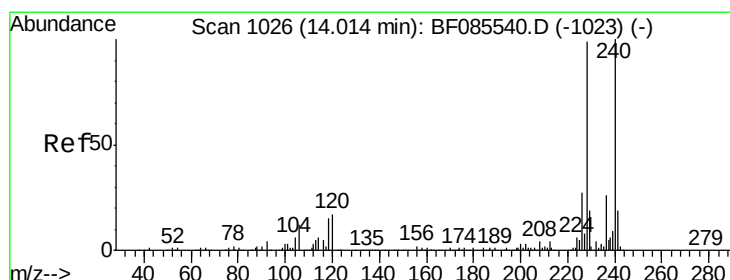
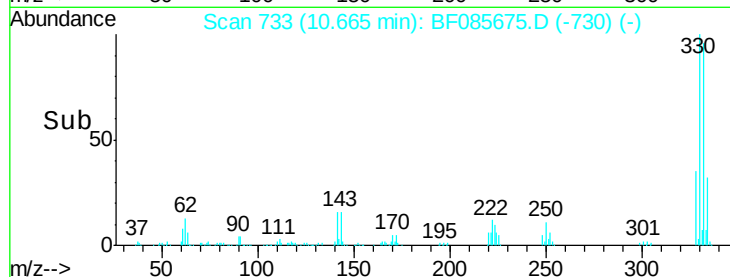
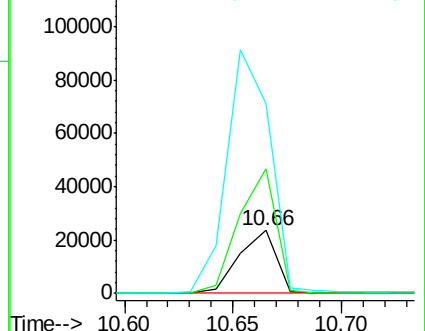
141 300.6 63.6 95.4#



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: BF085675.D

Acq: 22 Mar 2016 23:00

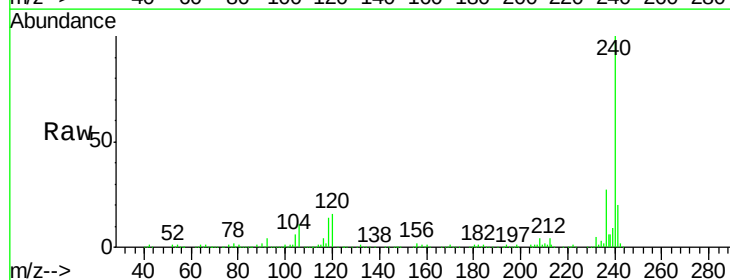
Tgt Ion:240 Resp: 410568

Ion Ratio Lower Upper

240 100

120 16.0 13.8 20.8

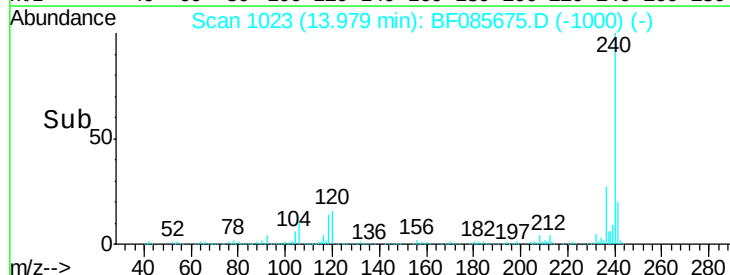
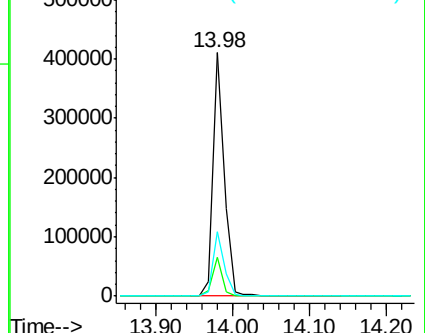
236 26.6 20.6 30.8

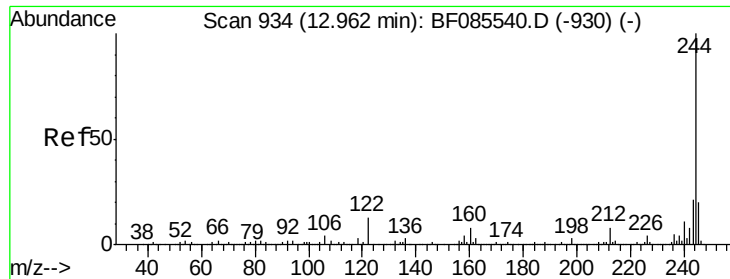


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

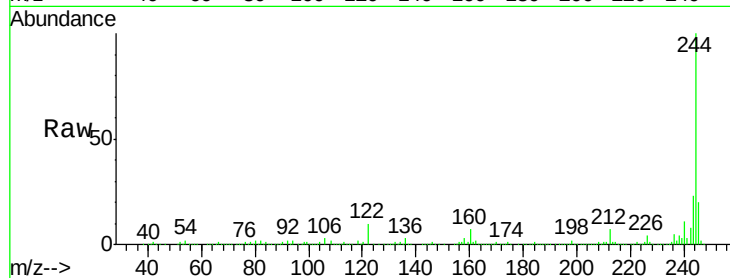




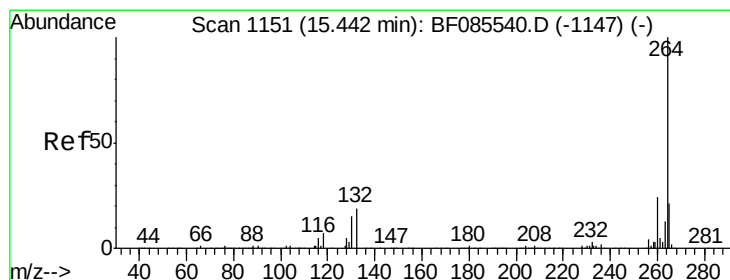
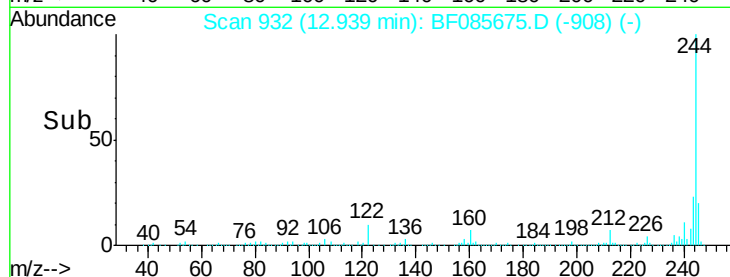
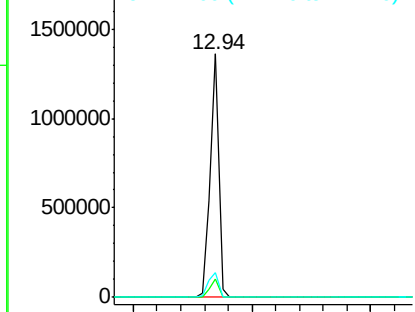
#78
 Terphenyl-d14
 Concen: 79.73 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF085675.D
 Acq: 22 Mar 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-03(18-20)

Tgt Ion:244 Resp: 1360293
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 10.3 10.2 15.4

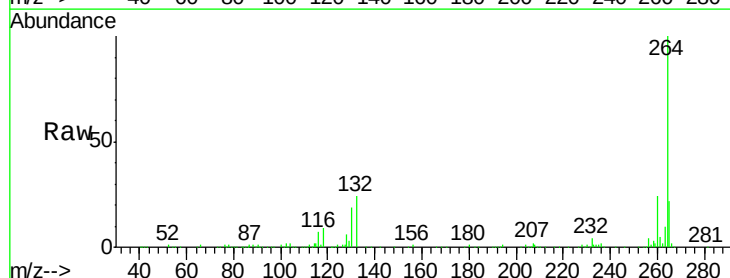


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.05 min
 Lab File: BF085675.D
 Acq: 22 Mar 2016 23:00

Tgt Ion:264 Resp: 299802
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 22.0 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

