

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF085004.D
 Acq On : 10 Feb 2016 20:27
 Operator : SJ/IZ
 Sample : H1409-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B002(35-37)

Quant Time: Feb 11 00:23:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

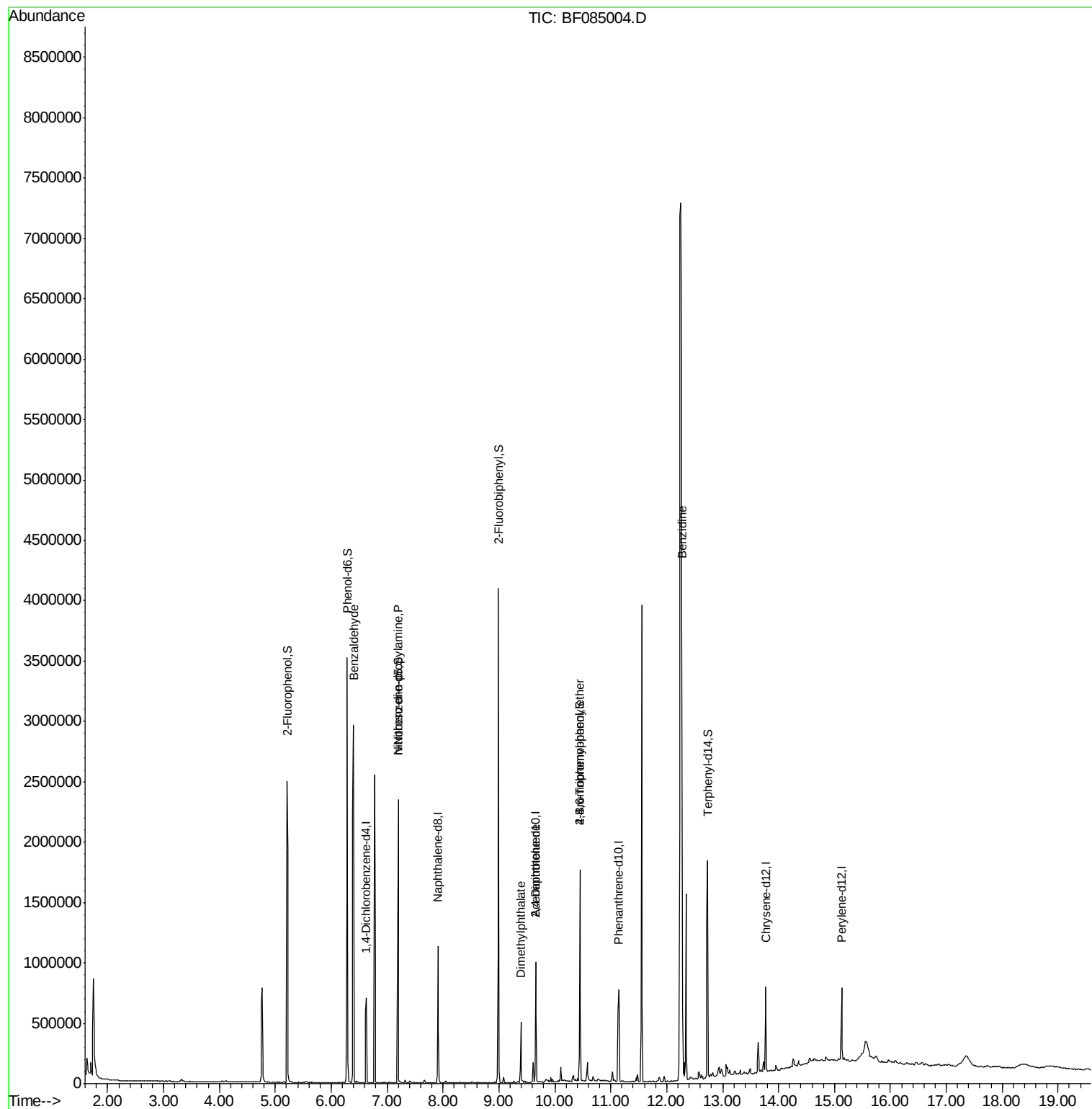
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	144974	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	553782	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	236500	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	382196	20.00	ng	0.00
75) Chrysene-d12	13.77	240	305472	20.00	ng	0.00
86) Perylene-d12	15.13	264	257775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	940251	101.02	ng	0.01
7) Phenol-d6	6.28	99	1247894	108.15	ng	0.00
23) Nitrobenzene-d5	7.20	82	855209	86.99	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	219725	89.07	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1196582	85.29	ng	0.00
78) Terphenyl-d14	12.73	244	729428	54.11	ng	0.00
Target Compounds						
9) Benzaldehyde	6.40	77	24117	3.54	ng	88
19) n-Nitroso-di-n-propylamine	7.20	70	114903	15.89	ng	# 74
49) Dimethylphthalate	9.39	163	191223	10.62	ng	# 90
56) 2,4-Dinitrotoluene	9.66	165	30558	6.09	ng	# 21
66) 4-Bromophenyl-phenylether	10.44	248	13235	3.14	ng	# 1
76) Benzidine	12.27	184	802	6.94	ng	# 1

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

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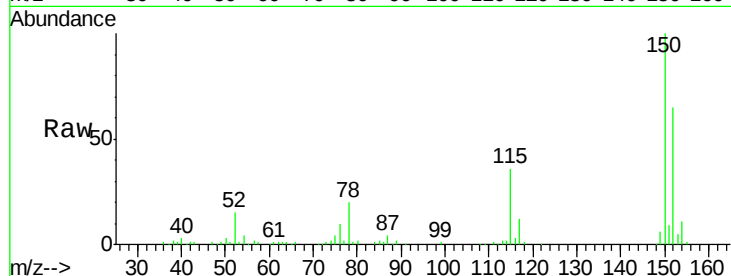


#1

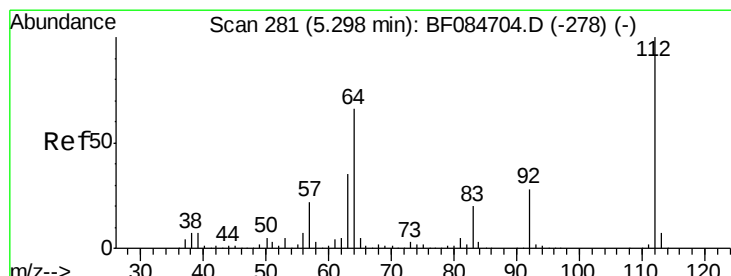
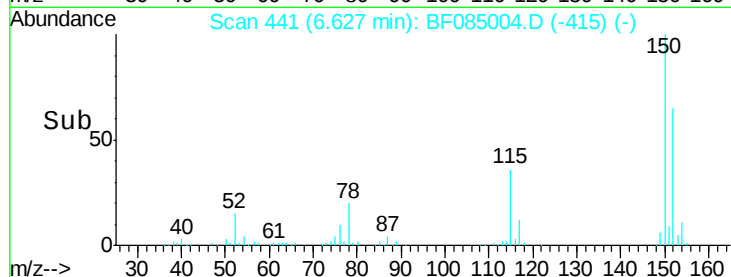
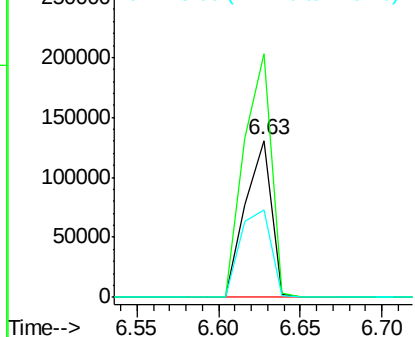
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.63 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: BF085004.D
 Acq: 10 Feb 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B002(35-37)

Tgt Ion:152 Resp: 144974
 Ion Ratio Lower Upper
 152 100
 150 155.0 123.0 184.4
 115 55.5 51.4 77.2



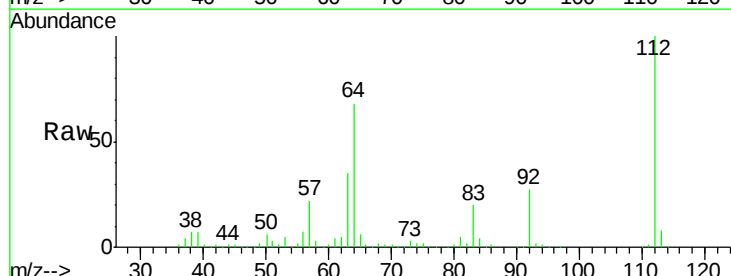
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



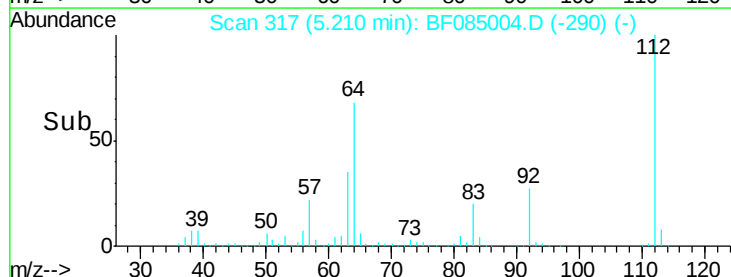
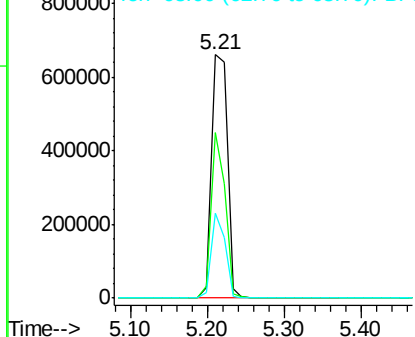
#5

2-Fluorophenol
 Concen: 101.02 ng
 RT: 5.21 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: BF085004.D
 Acq: 10 Feb 2016 20:27

Tgt Ion:112 Resp: 940251
 Ion Ratio Lower Upper
 112 100
 64 67.8 36.6 55.0#
 63 34.8 19.4 29.0#



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: 108.15 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF085004.D

Acq: 10 Feb 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SUP-B002(35-37)

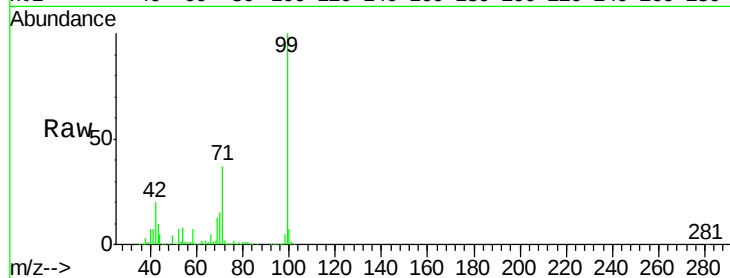
Tgt Ion: 99 Resp: 1247894

Ion Ratio Lower Upper

99 100

42 19.9 12.8 19.2#

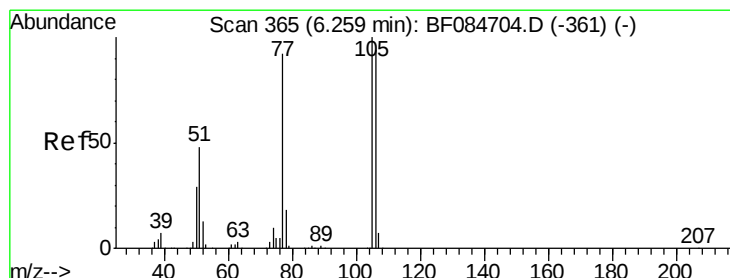
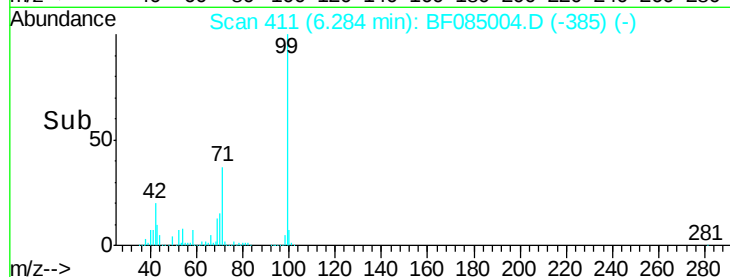
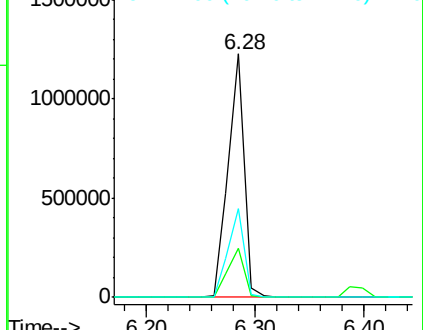
71 36.5 30.9 46.3



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



#9

Benzaldehyde

Concen: 3.54 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.23 min

Lab File: BF085004.D

Acq: 10 Feb 2016 20:27

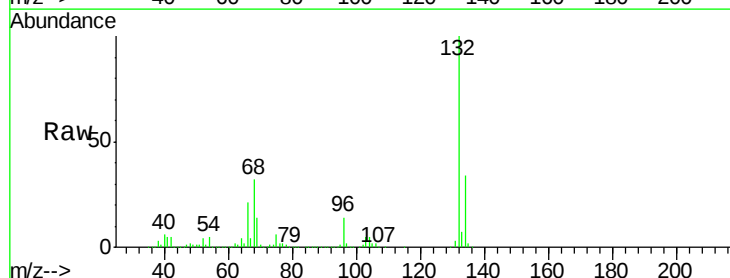
Tgt Ion: 77 Resp: 24117

Ion Ratio Lower Upper

77 100

105 90.5 83.0 123.0

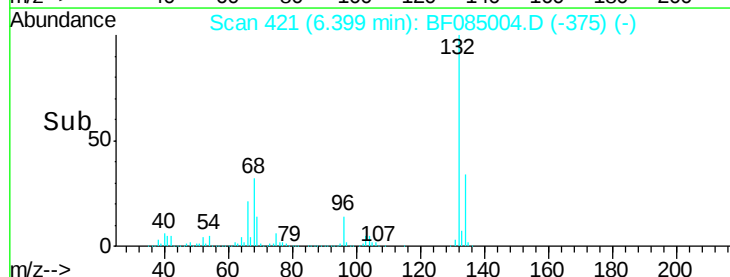
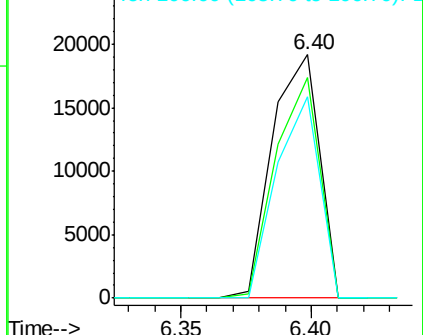
106 82.5 74.6 114.6

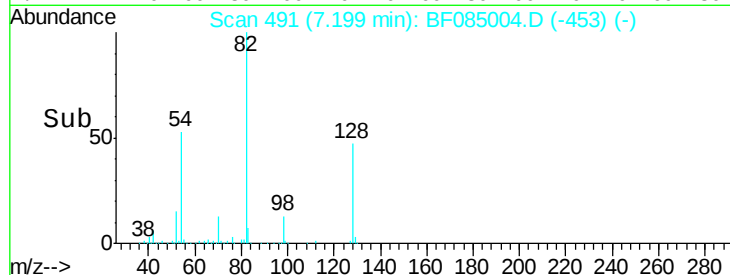
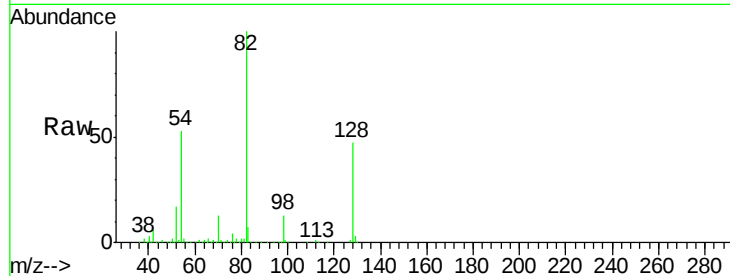


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

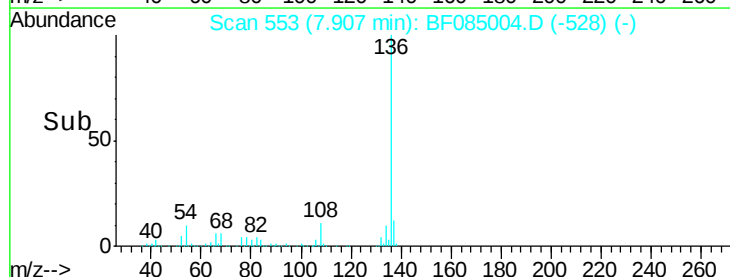
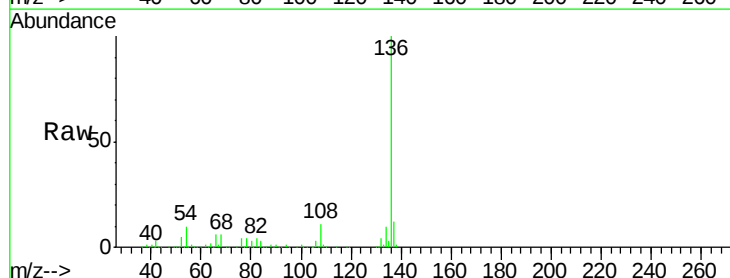
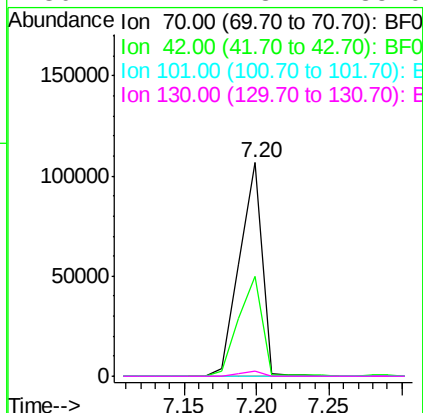




#19
n-Nitroso-di-n-propylamine
Concen: 15.89 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.14 min
Lab File: BF085004.D
Acq: 10 Feb 2016 20:27

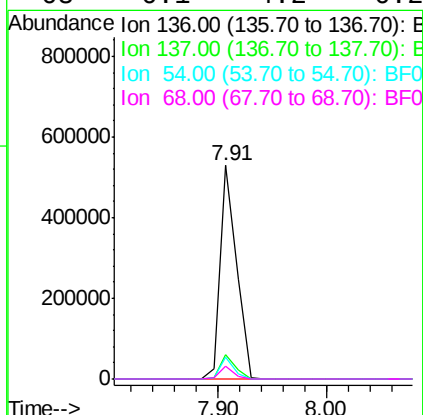
Instrument :
BNA_F
ClientSampleId :
SUP-B002(35-37)

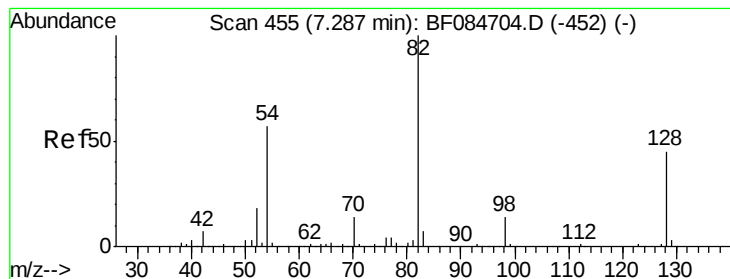
Tgt Ion: 70 Resp: 114903
Ion Ratio Lower Upper
70 100
42 46.8 33.3 49.9
101 0.0 9.3 13.9#
130 2.4 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF085004.D
Acq: 10 Feb 2016 20:27

Tgt Ion: 136 Resp: 553782
Ion Ratio Lower Upper
136 100
137 11.6 8.7 13.1
54 10.4 5.8 8.8#
68 6.1 4.2 6.2





#23

Nitrobenzene-d5

Concen: 86.99 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF085004.D

Acq: 10 Feb 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SUP-B002(35-37)

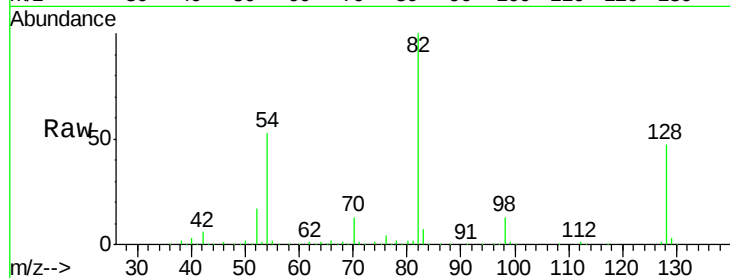
Tgt Ion: 82 Resp: 855209

Ion Ratio Lower Upper

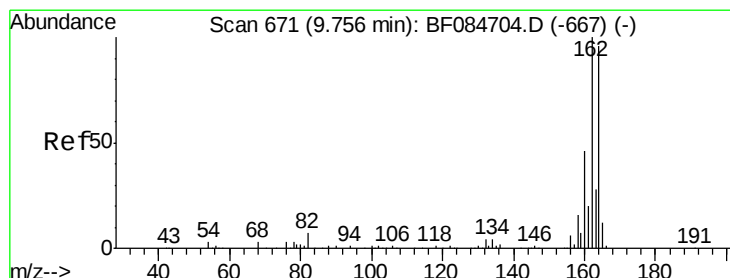
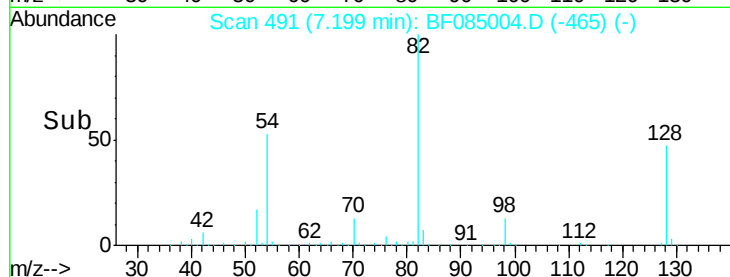
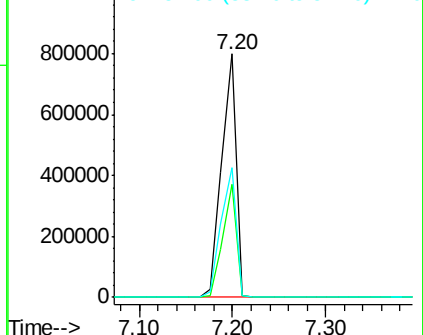
82 100

128 46.6 34.6 51.8

54 53.3 38.4 57.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF085004.D

Acq: 10 Feb 2016 20:27

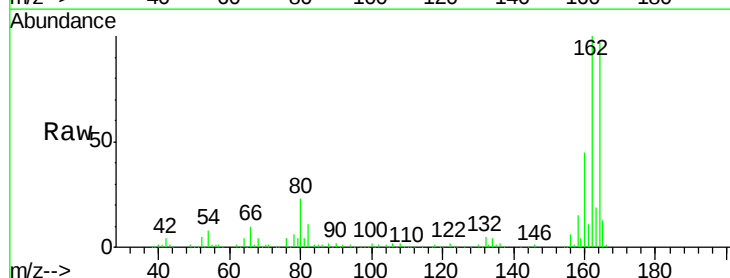
Tgt Ion: 164 Resp: 236500

Ion Ratio Lower Upper

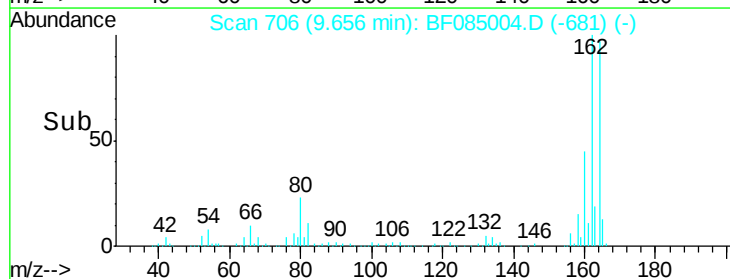
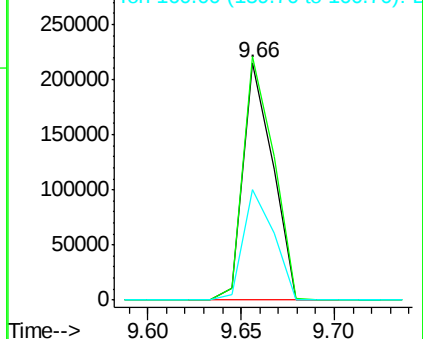
164 100

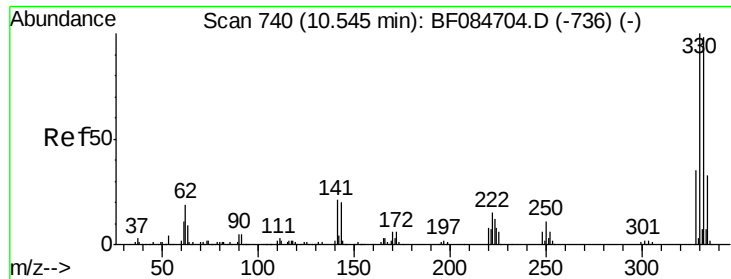
162 102.6 85.1 127.7

160 46.4 37.5 56.3



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

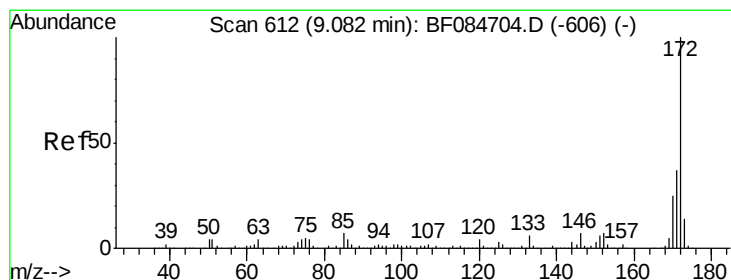
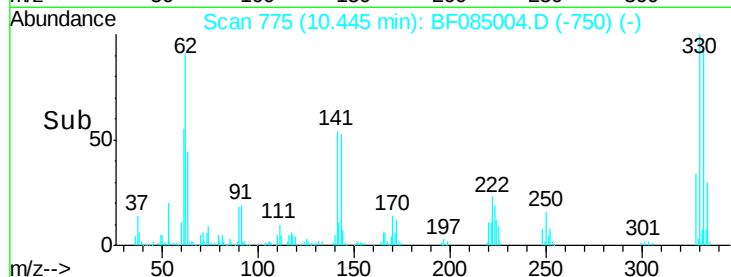
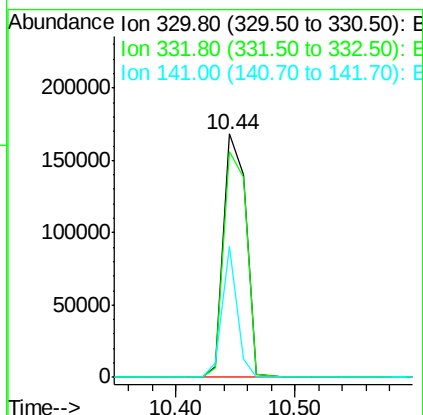
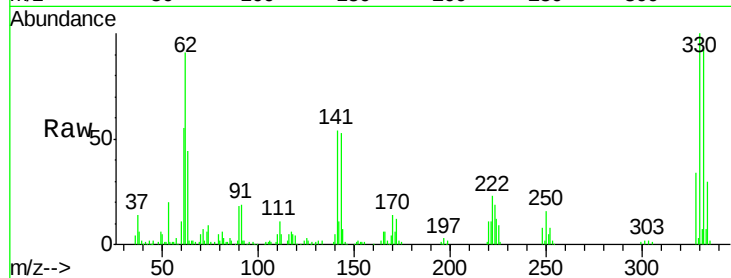




#41
 2,4,6-Tribromophenol
 Concen: 89.07 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085004.D
 Acq: 10 Feb 2016 20:27

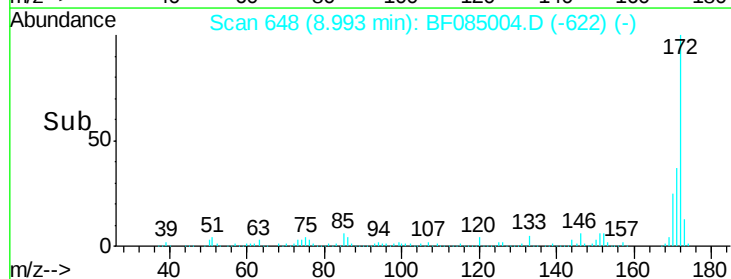
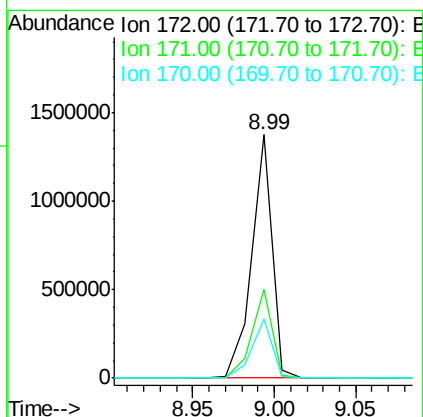
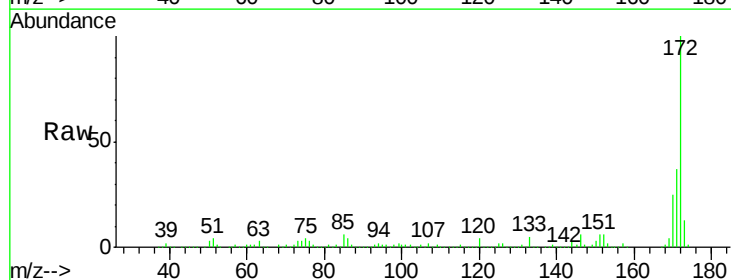
Instrument :
 BNA_F
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 SUP-B002(35-37)

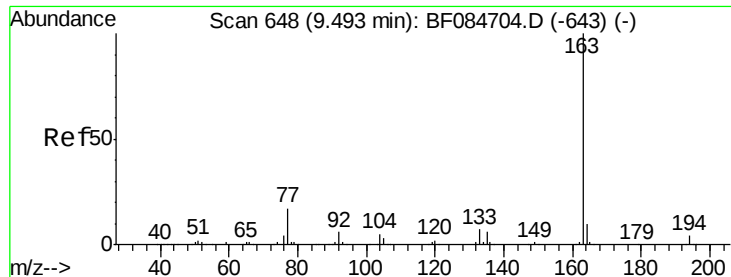
Tgt Ion:330 Resp: 219725
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 35.9 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 85.29 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF085004.D
 Acq: 10 Feb 2016 20:27

Tgt Ion:172 Resp: 1196582
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 24.6 18.6 27.8

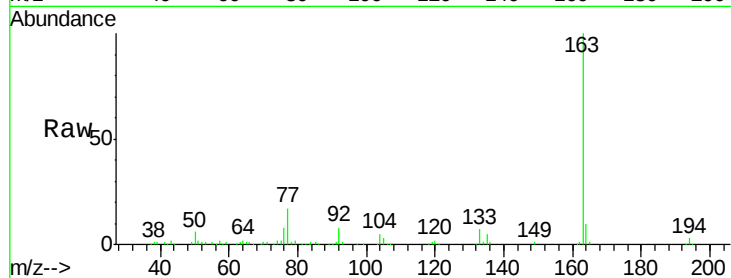




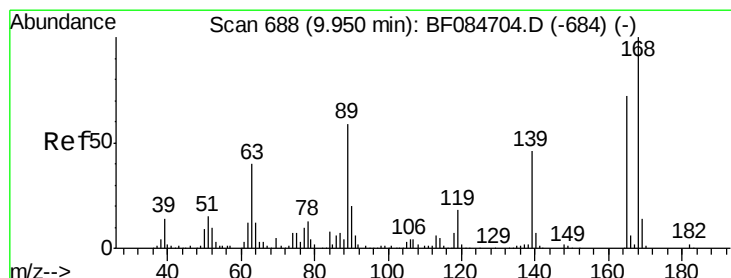
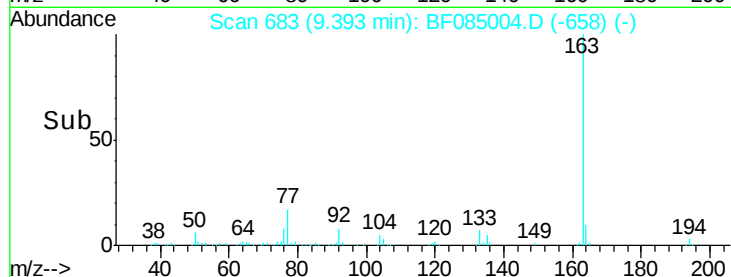
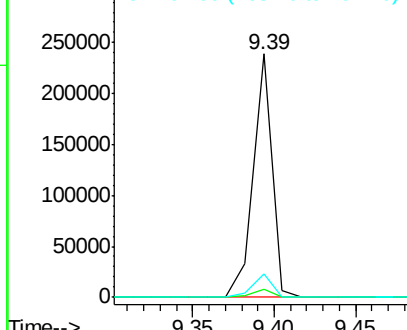
#49
Dimethylphthalate
Concen: 10.62 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085004.D
Acq: 10 Feb 2016 20:27

Instrument :
BNA_F
ClientSampleId :
SUP-B002(35-37)

Tgt Ion:163 Resp: 191223
Ion Ratio Lower Upper
163 100
194 3.1 8.0 12.0#
164 9.6 8.0 12.0

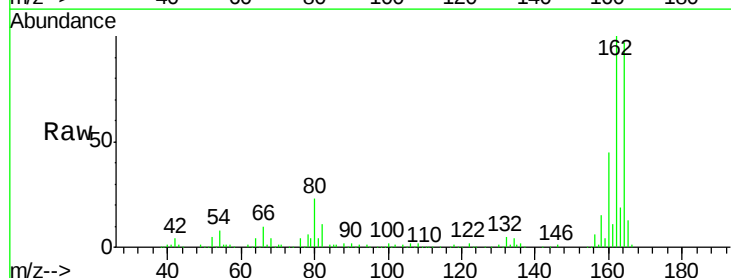


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

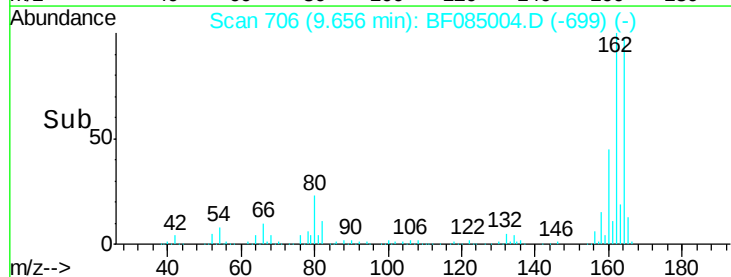
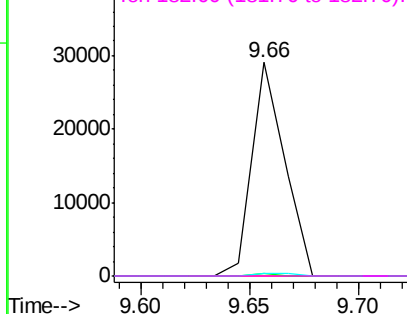


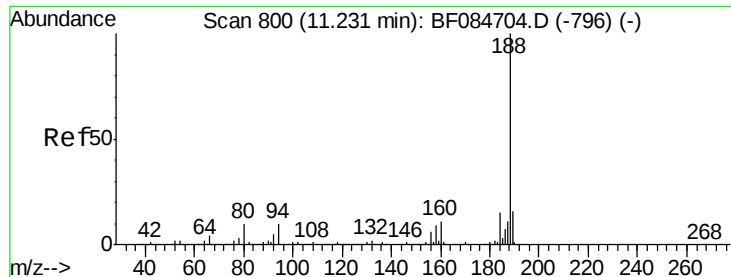
#56
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.22 min
Lab File: BF085004.D
Acq: 10 Feb 2016 20:27

Tgt Ion:165 Resp: 30558
Ion Ratio Lower Upper
165 100
63 1.1 36.7 55.1#
89 1.3 61.9 92.9#
182 0.0 2.0 3.0#



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: 11.14 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF085004.D

Acq: 10 Feb 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SUP-B002(35-37)

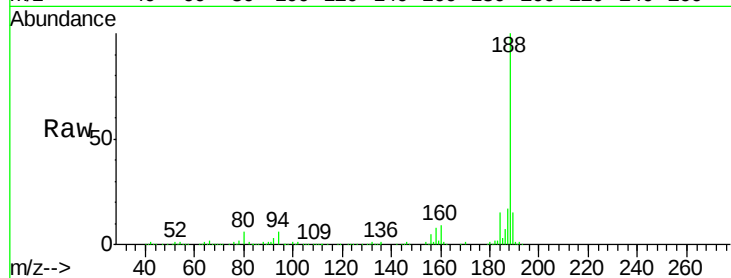
Tgt Ion:188 Resp: 382196

Ion Ratio Lower Upper

188 100

94 5.9 9.0 13.4#

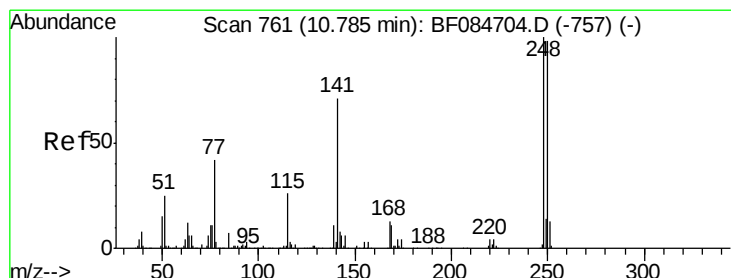
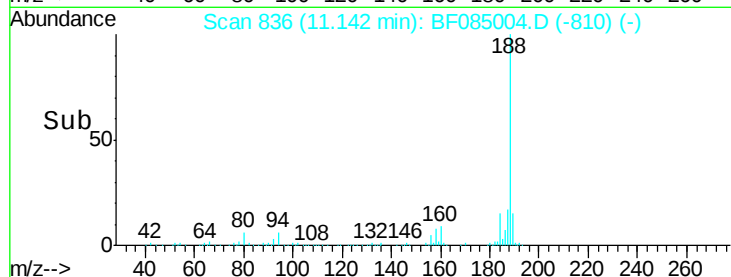
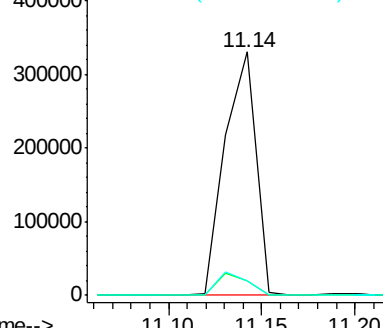
80 6.0 9.6 14.4#



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: 3.14 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.25 min

Lab File: BF085004.D

Acq: 10 Feb 2016 20:27

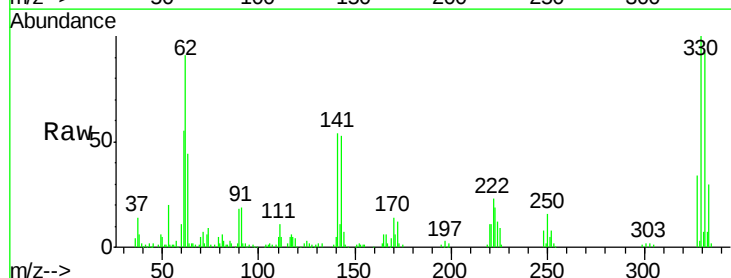
Tgt Ion:248 Resp: 13235

Ion Ratio Lower Upper

248 100

250 199.1 78.4 117.6#

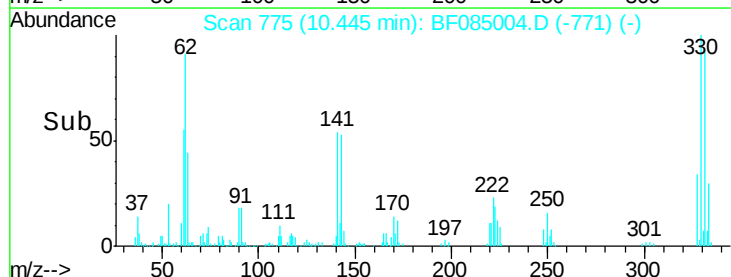
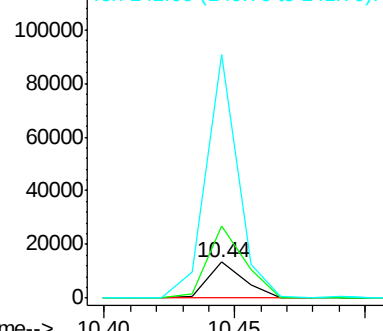
141 677.4 44.0 66.0#

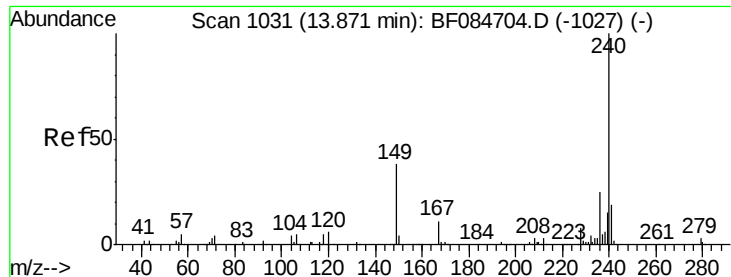


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF085004.D

Acq: 10 Feb 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SUP-B002(35-37)

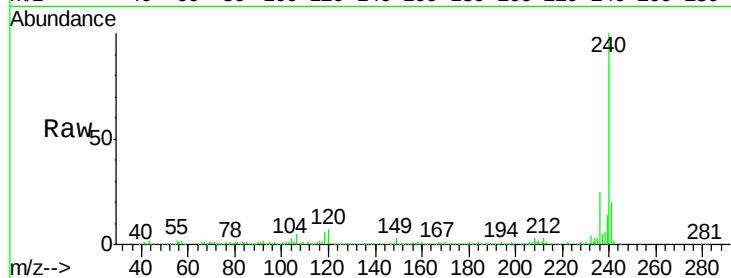
Tgt Ion:240 Resp: 305472

Ion Ratio Lower Upper

240 100

120 7.0 9.5 14.3#

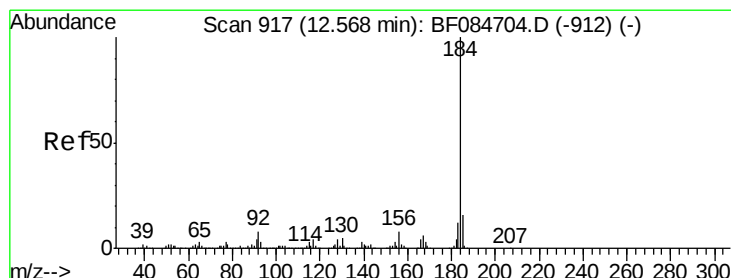
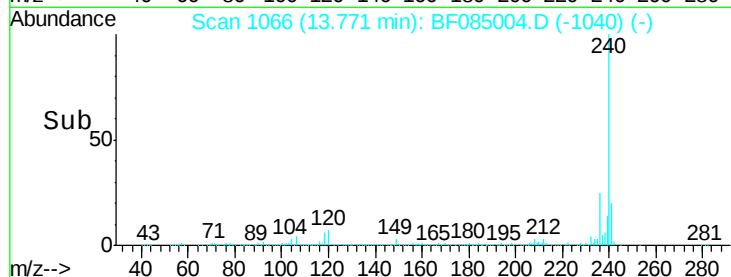
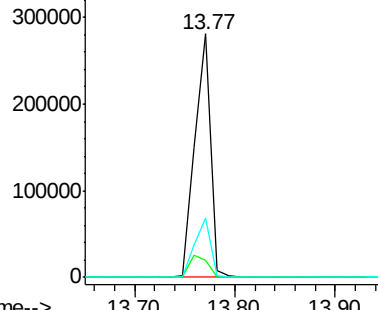
236 24.6 20.6 31.0



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



#76

Benzidine

Concen: 6.94 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.21 min

Lab File: BF085004.D

Acq: 10 Feb 2016 20:27

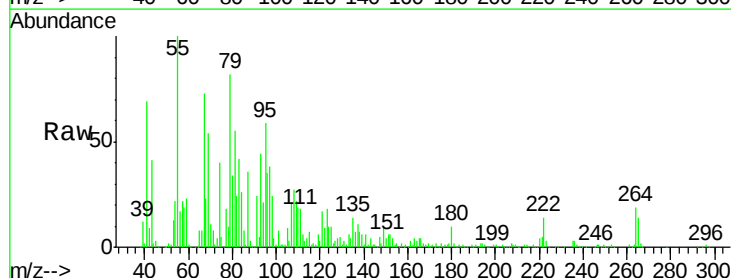
Tgt Ion:184 Resp: 802

Ion Ratio Lower Upper

184 100

185 358.6 12.2 18.2#

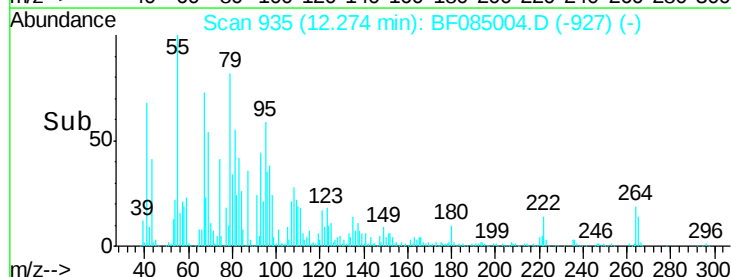
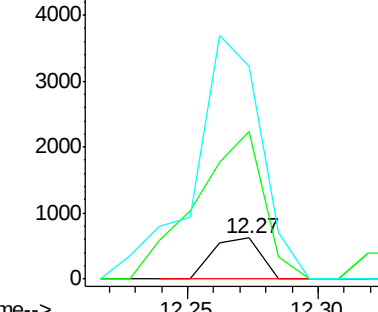
183 516.5 9.8 14.8#

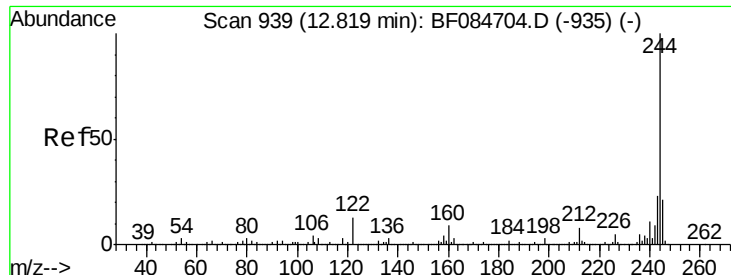


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

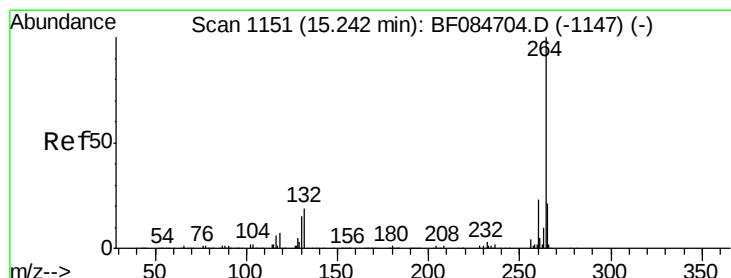
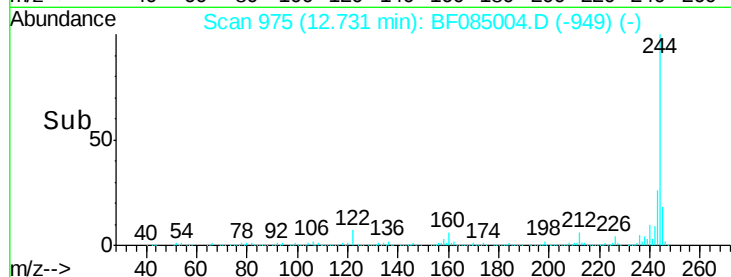
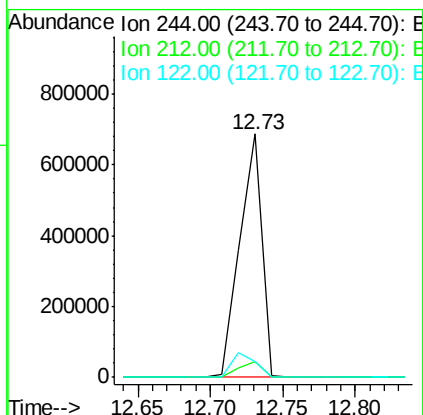
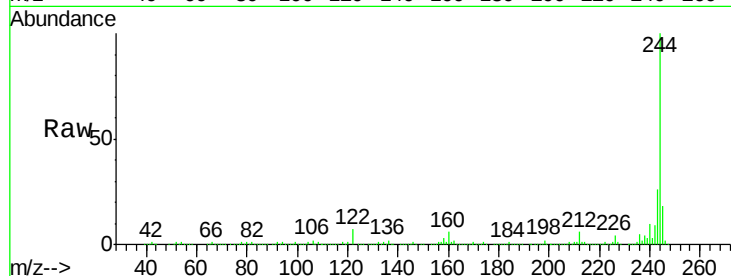




#78
 Terphenyl-d14
 Concen: 54.11 ng
 RT: 12.73 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF085004.D
 Acq: 10 Feb 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B002(35-37)

Tgt Ion:244 Resp: 729428
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.7 8.5
 122 6.6 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF085004.D
 Acq: 10 Feb 2016 20:27

Tgt Ion:264 Resp: 257775
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.2
 265 22.2 17.8 26.6

