

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085549.D
 Acq On : 19 Mar 2016 2:53
 Operator : UM/SJ
 Sample : PB88949TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88949TB

Quant Time: Mar 19 02:33:09 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	6.85	152	130235	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	553462	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	242630	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	516141	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	418491	20.00	ng	-0.01
86) Perylene-d12	15.43	264	366090	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1000284	129.01	ng	0.01
7) Phenol-d6	6.48	99	1207808	121.46	ng	-0.01
23) Nitrobenzene-d5	7.42	82	779028	81.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	325016	136.75	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1196497	83.83	ng	-0.01
78) Terphenyl-d14	12.96	244	1292293	74.31	ng	0.00

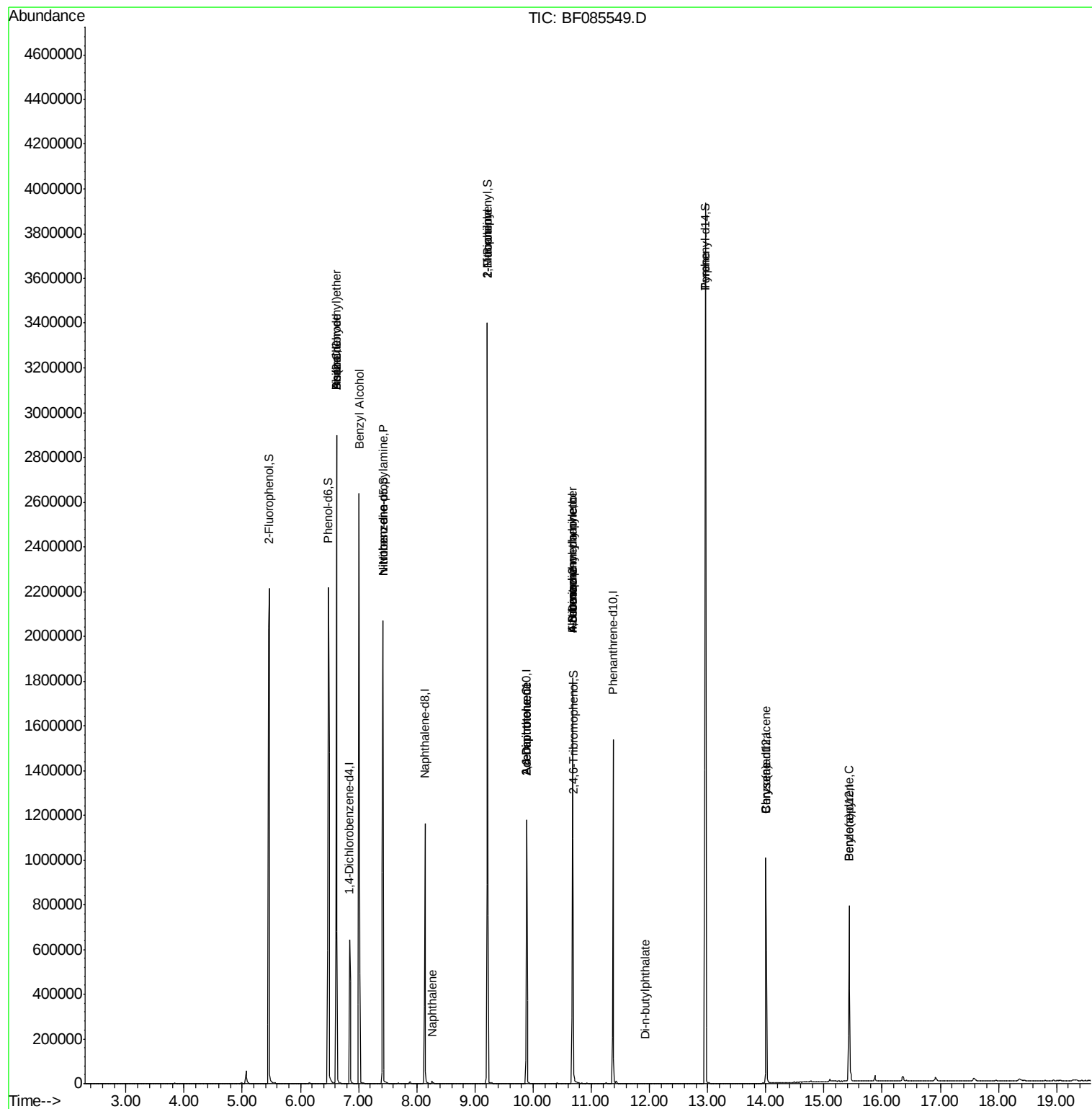
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.62	93	1123	0.08	ng	# 1
9) Benzaldehyde	6.62	77	19290	1.98	ng	81
10) Phenol	6.62	94	1682	0.15	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	1123	0.13	ng	# 1
15) Benzyl Alcohol	7.01	79	11709	1.72	ng	# 47
19) n-Nitroso-di-n-propylamine	7.42	70	102636	17.28	ng	# 77
24) Nitrobenzene	7.42	77	2129	0.20	ng	# 36
31) Naphthalene	8.26	128	1039	0.04	ng	# 1
45) 1,1'-Biphenyl	9.21	154	2416	0.12	ng	# 1
47) 2-Nitroaniline	9.21	65	1787	0.39	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	31255	8.09	ng	# 19
51) Acenaphthene	9.89	154	888	0.06	ng	# 4
56) 2,4-Dinitrotoluene	9.89	165	31256	6.18	ng	# 37
57) Fluorene	10.68	166	12852	0.82	ng	# 90
62) Azobenzene	10.68	77	1239	0.07	ng	# 7
64) 4,6-Dinitro-2-methylphenol	10.68	198	429	0.13	ng	# 1
65) n-Nitrosodiphenylamine	10.68	169	8641	0.54	ng	# 43
66) 4-Bromophenyl-phenylether	10.68	248	19773	3.83	ng	# 1
73) Di-n-butylphthalate	11.93	149	291	0.01	ng	# 78
77) Pyrene	12.96	202	4336	0.14	ng	# 66
80) Benzo(a)anthracene	14.00	228	1019	0.04	ng	# 51
82) Chrysene	14.00	228	1019	0.04	ng	# 49
89) Benzo(a)pyrene	15.43	252	955	0.05	ng	# 46

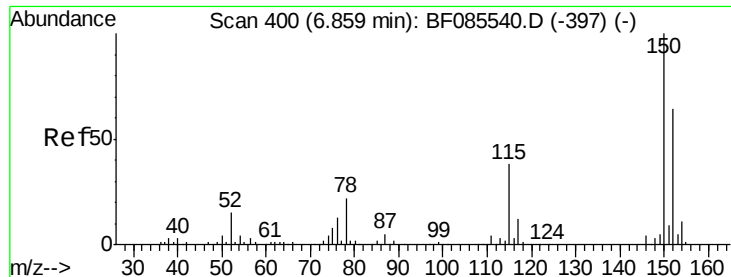
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB88949TB

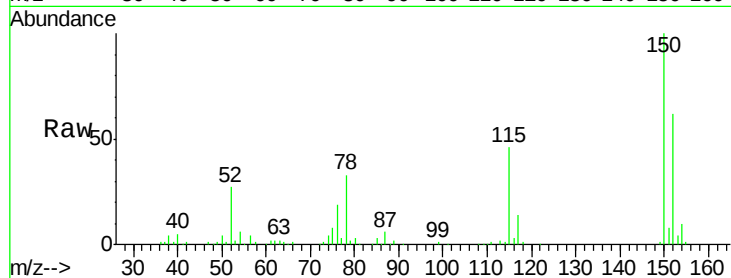
Tgt Ion:152 Resp: 130235

Ion Ratio Lower Upper

152 100

150 161.9 124.2 186.2

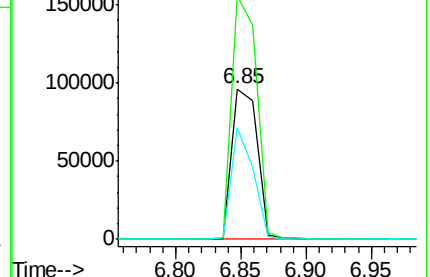
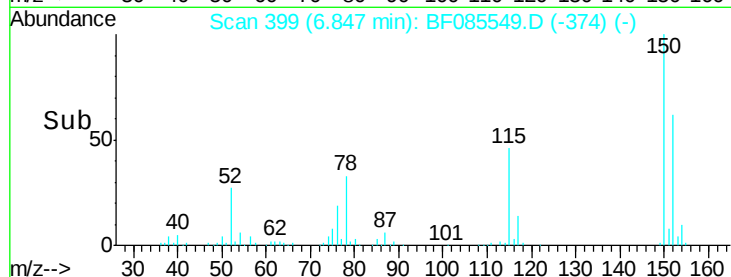
115 74.4 47.0 70.6#



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: 129.01 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

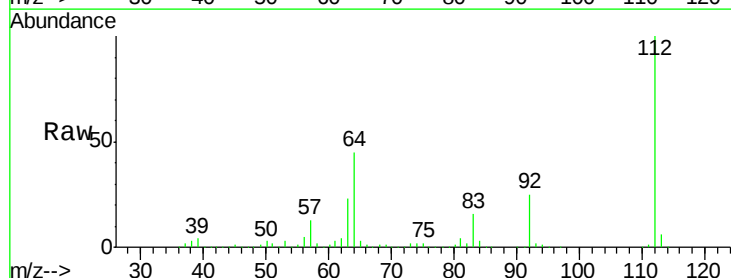
Tgt Ion:112 Resp: 1000284

Ion Ratio Lower Upper

112 100

64 45.2 39.9 59.9

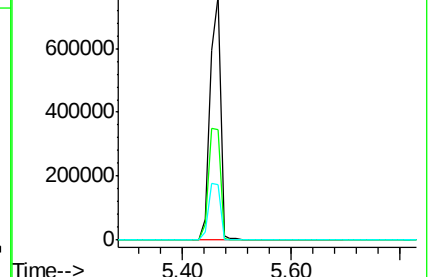
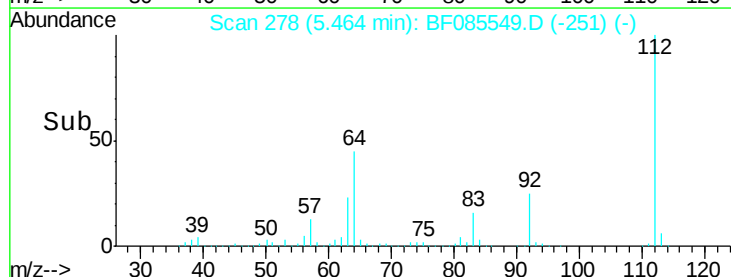
63 22.6 20.2 30.2

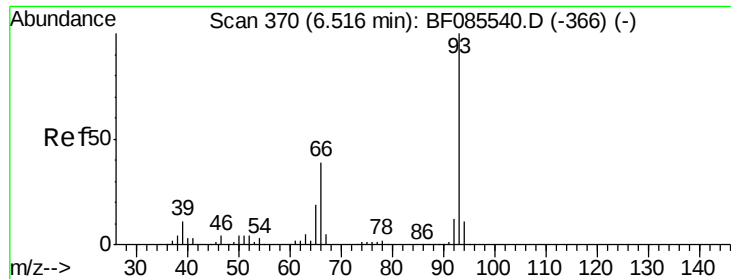


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.08 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.10 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB88949TB

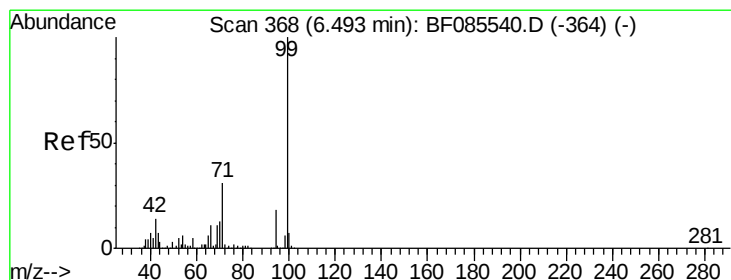
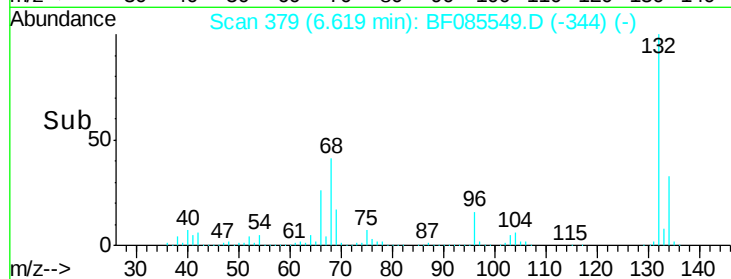
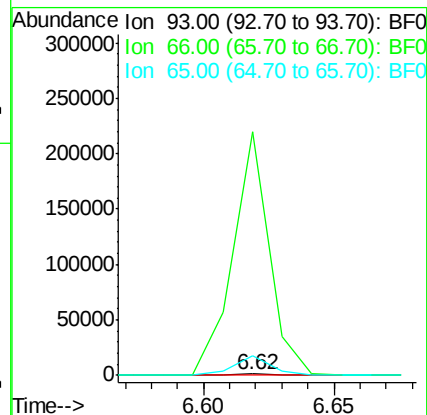
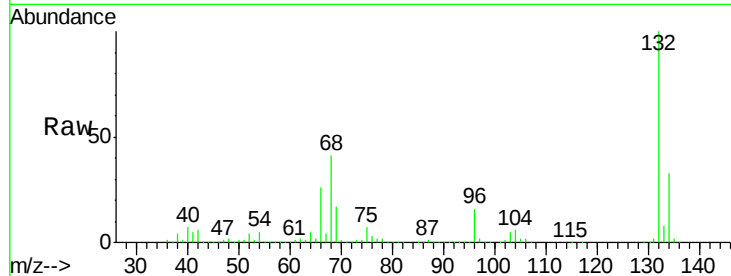
Tgt Ion: 93 Resp: 1123

Ion Ratio Lower Upper

93 100

66 17520.9 31.4 47.2#

65 1386.3 15.7 23.5#



#7

Phenol-d6

Concen: 121.46 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

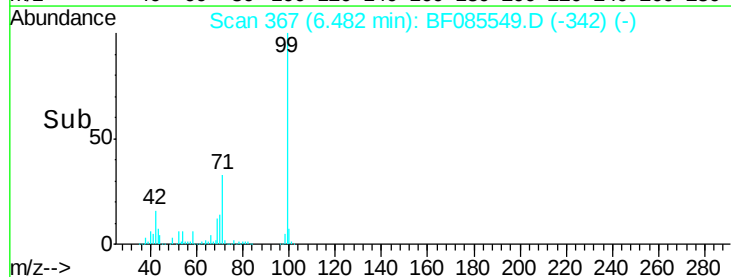
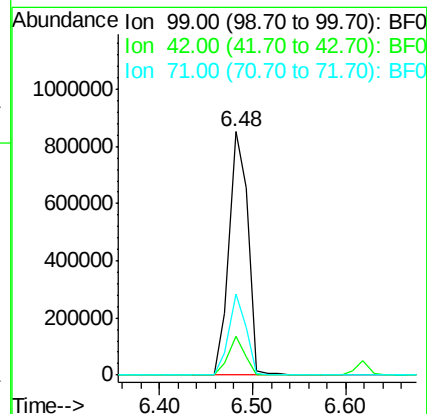
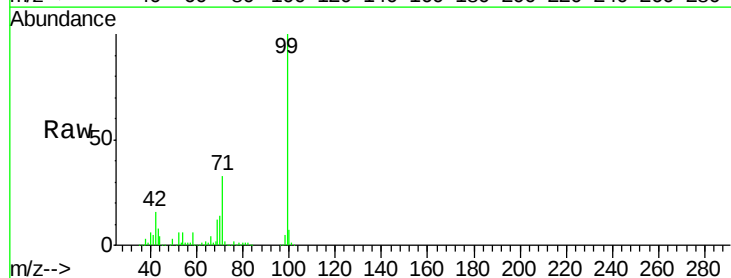
Tgt Ion: 99 Resp: 1207808

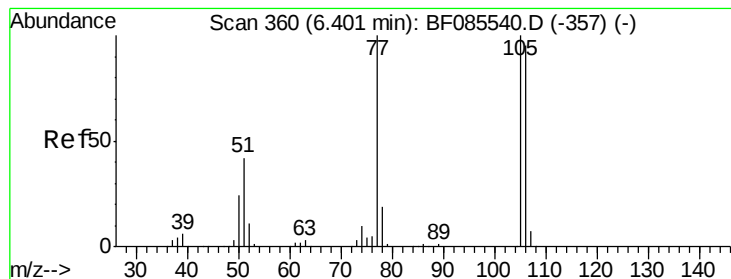
Ion Ratio Lower Upper

99 100

42 15.7 11.1 16.7

71 33.4 24.9 37.3





#9

Benzaldehyde

Concen: 1.98 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.22 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB88949TB

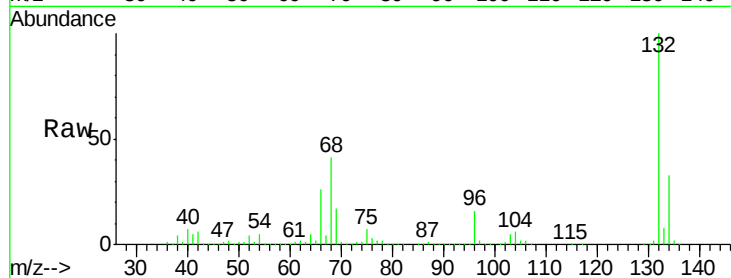
Tgt Ion: 77 Resp: 19290

Ion Ratio Lower Upper

77 100

105 81.8 80.1 120.1

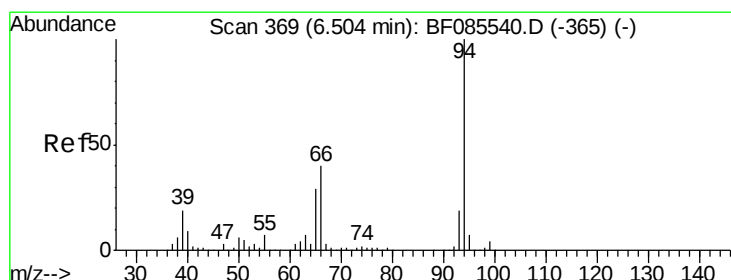
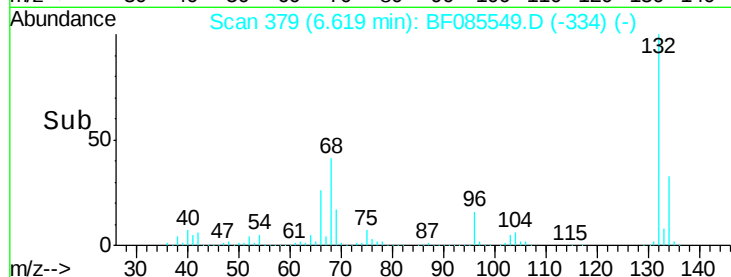
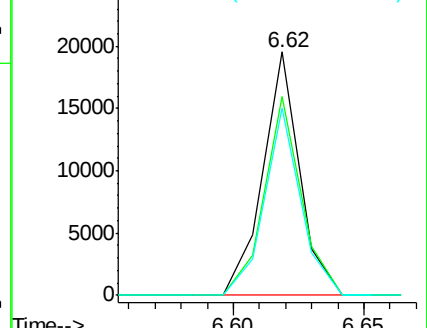
106 76.7 75.0 115.0



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



#10

Phenol

Concen: 0.15 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.11 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

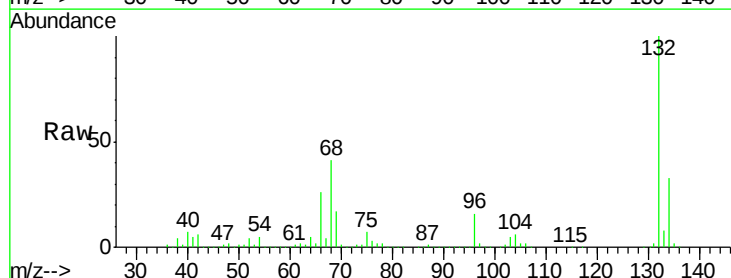
Tgt Ion: 94 Resp: 1682

Ion Ratio Lower Upper

94 100

65 1040.3 8.6 48.6#

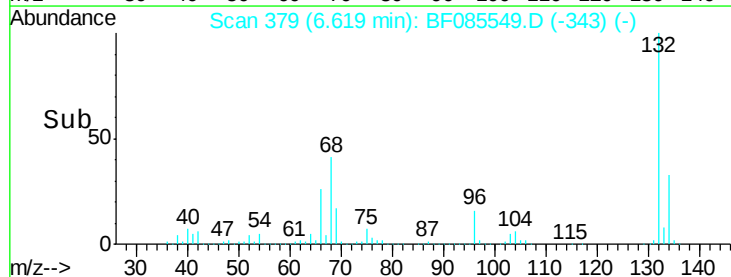
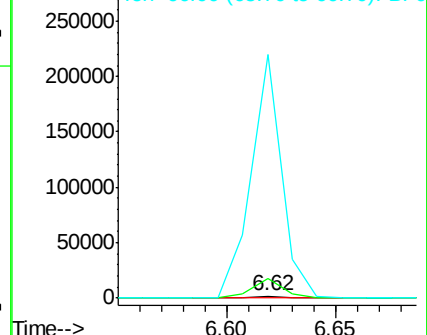
66 13148.5 20.0 60.0#

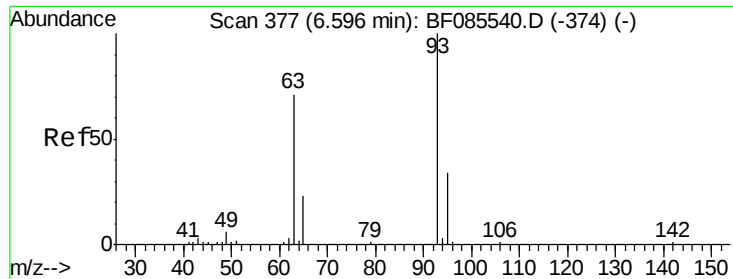


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

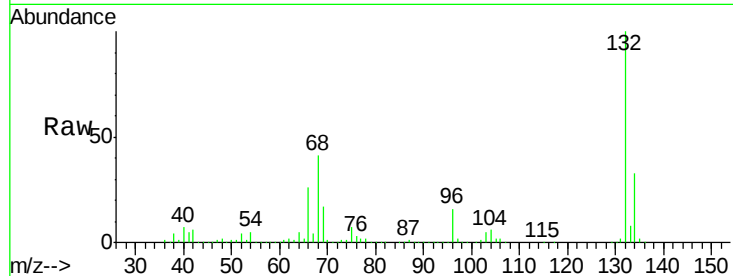




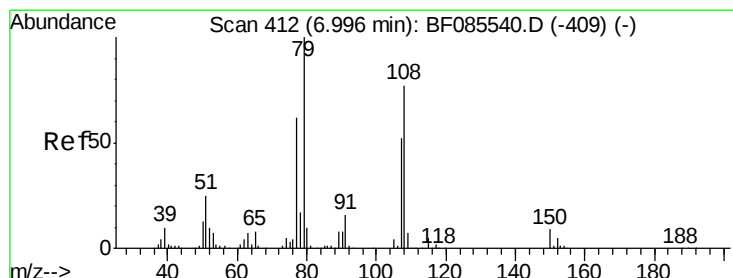
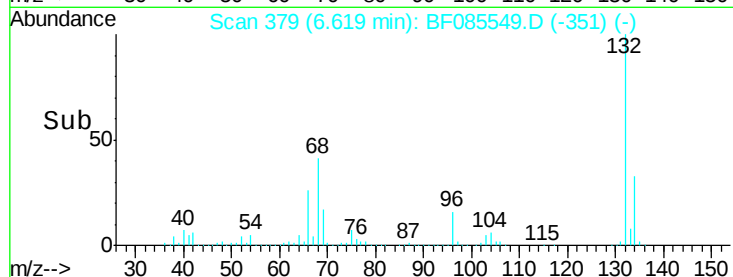
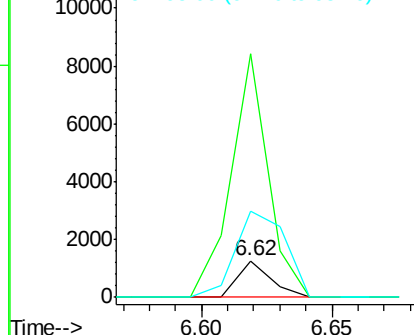
#11
bis(2-Chloroethyl)ether
Concen: 0.13 ng
RT: 6.62 min Scan# 379
Delta R.T. 0.02 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Instrument :
BNA_F
ClientSampled :
PB88949TB

Tgt Ion: 93 Resp: 1123
Ion Ratio Lower Upper
93 100
63 671.6 50.9 90.9#
95 238.6 13.3 53.3#

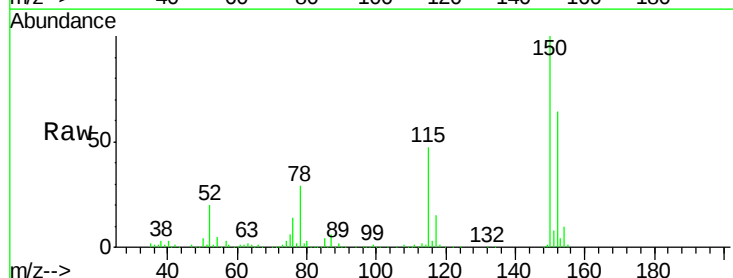


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

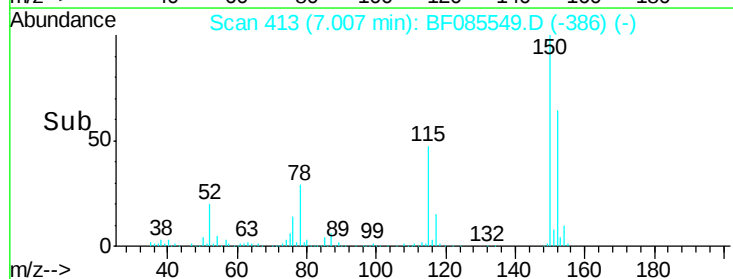
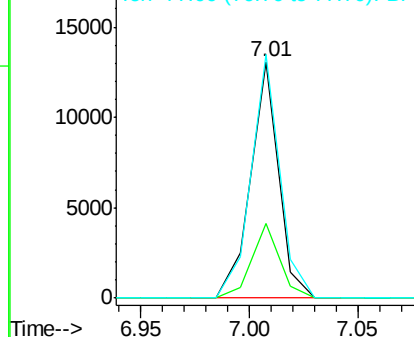


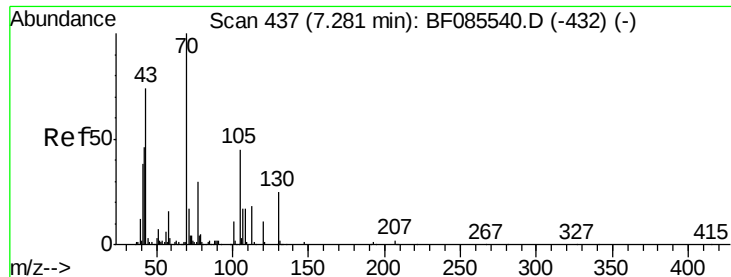
#15
Benzyl Alcohol
Concen: 1.72 ng
RT: 7.01 min Scan# 413
Delta R.T. 0.01 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Tgt Ion: 79 Resp: 11709
Ion Ratio Lower Upper
79 100
108 31.6 61.8 92.6#
77 103.0 49.6 74.4#



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: 17.28 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.14 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB88949TB

Tgt Ion: 70 Resp: 102636

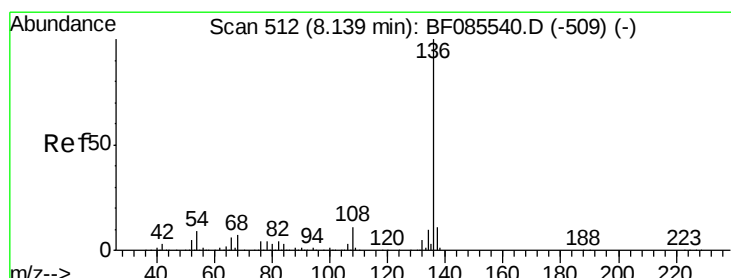
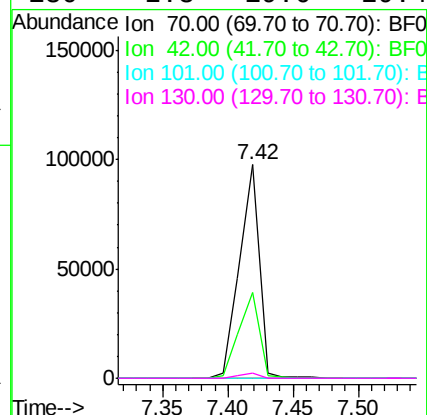
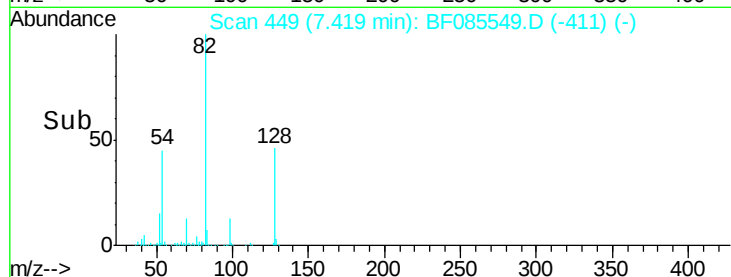
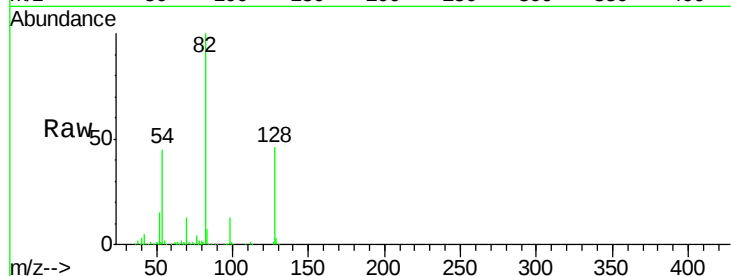
Ion Ratio Lower Upper

70 100

42 40.0 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

Tgt Ion: 136 Resp: 553462

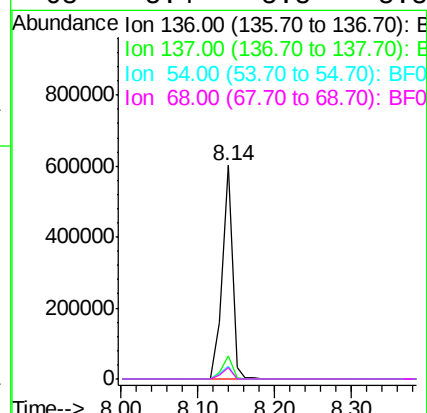
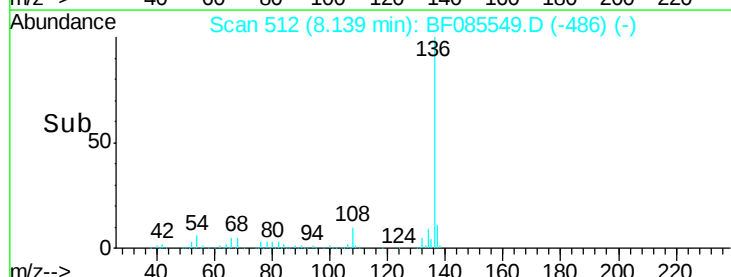
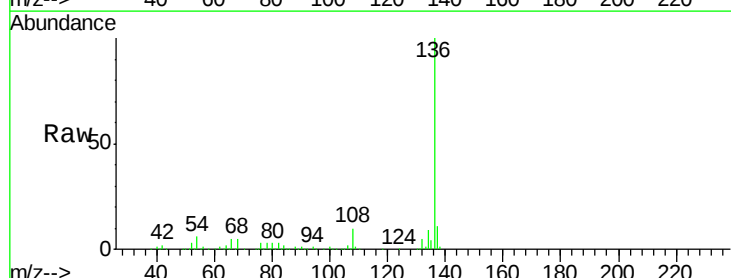
Ion Ratio Lower Upper

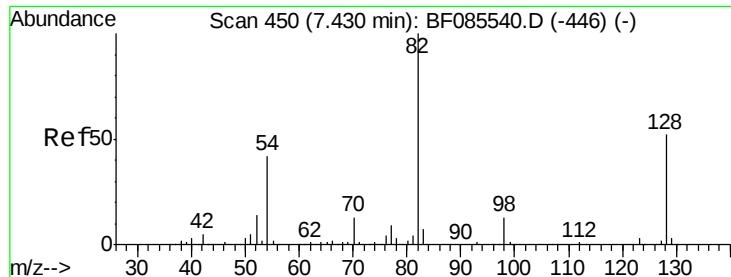
136 100

137 10.9 9.1 13.7

54 6.2 7.4 11.0#

68 5.4 5.8 8.8#

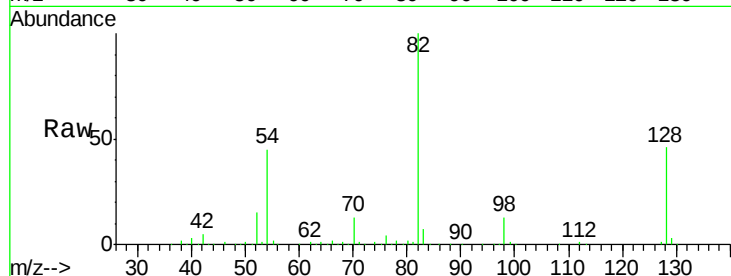




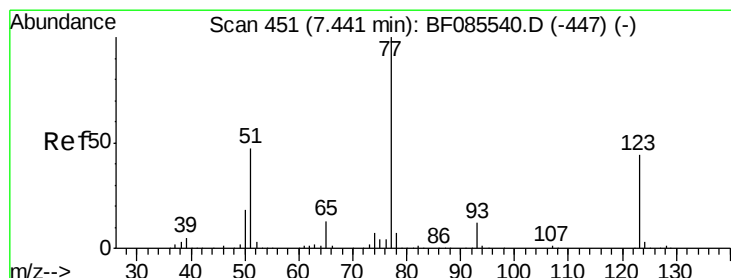
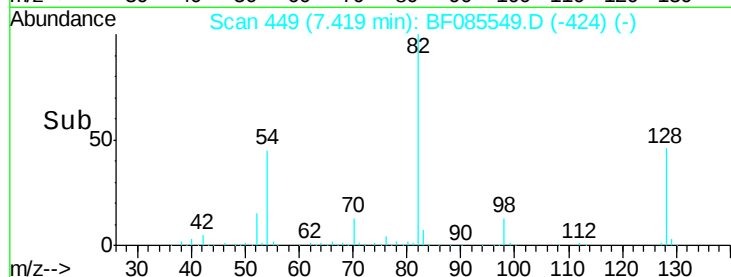
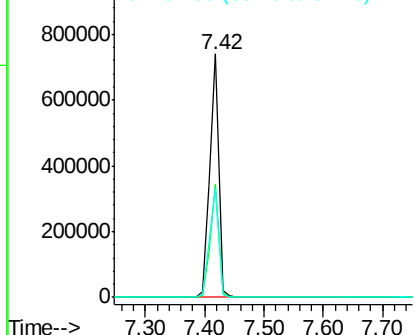
#23
 Nitrobenzene-d5
 Concen: 81.70 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085549.D
 Acq: 19 Mar 2016 2:53

Instrument :
 BNA_F
 ClientSampleID :
 PB88949TB

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	41.8	62.8
54	44.9	33.4	50.0

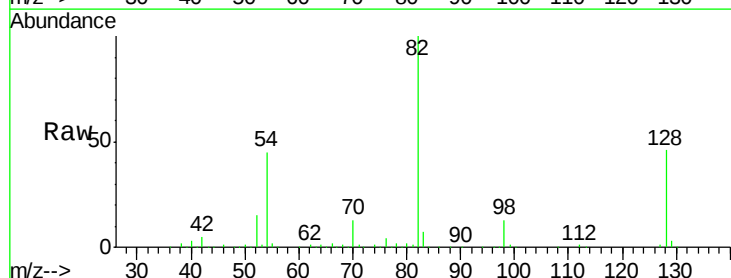


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

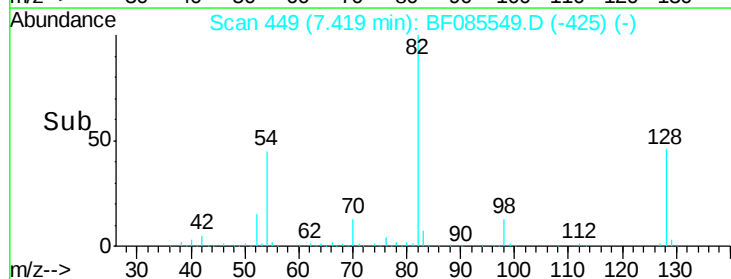
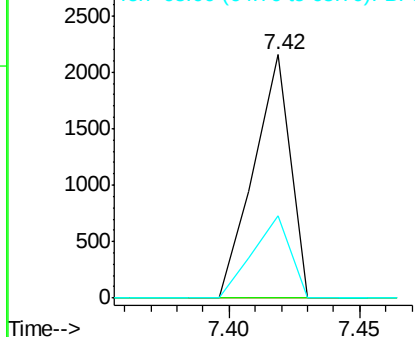


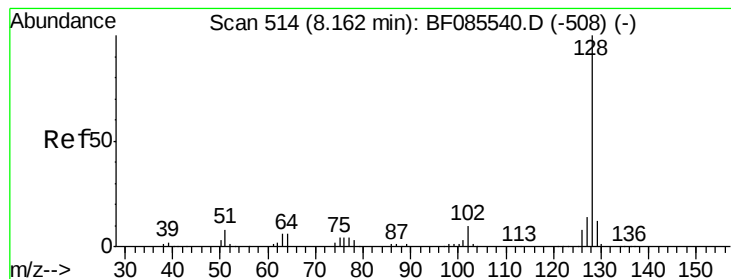
#24
 Nitrobenzene
 Concen: 0.20 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.02 min
 Lab File: BF085549.D
 Acq: 19 Mar 2016 2:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.0	52.4#
65	34.0	10.6	16.0#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#31

Naphthalene

Concen: 0.04 ng

RT: 8.26 min Scan# 523

Delta R.T. 0.10 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB88949TB

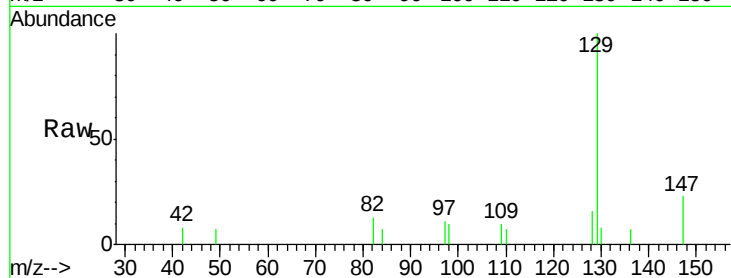
Tgt Ion:128 Resp: 1039

Ion Ratio Lower Upper

128 100

129 642.4 9.4 14.0#

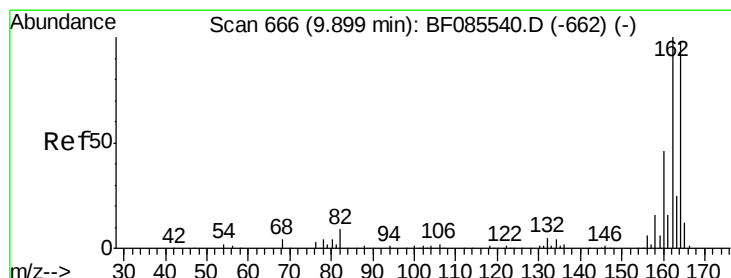
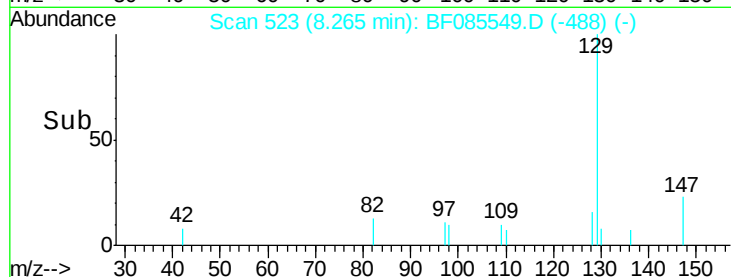
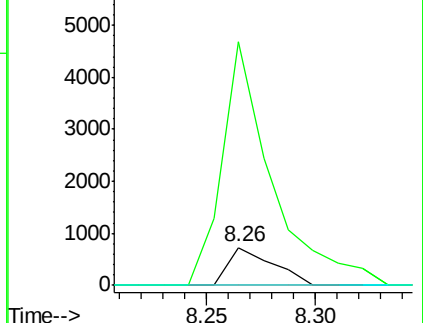
127 0.0 11.0 16.6#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

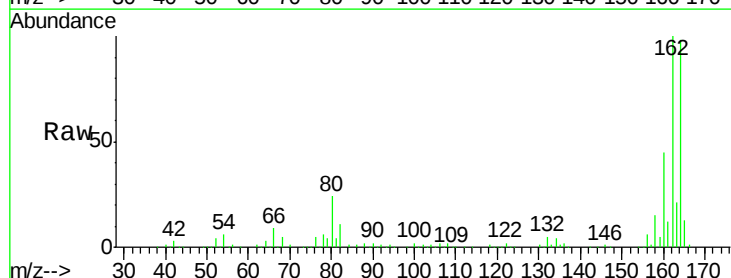
Tgt Ion:164 Resp: 242630

Ion Ratio Lower Upper

164 100

162 102.1 82.1 123.1

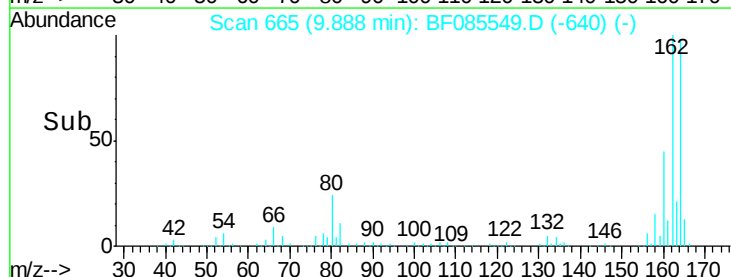
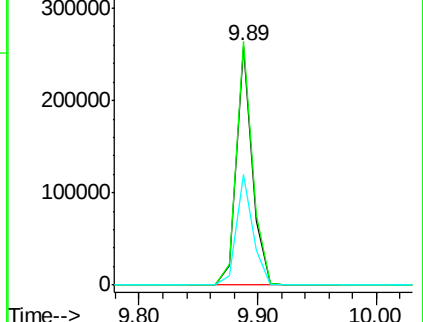
160 46.1 37.4 56.2

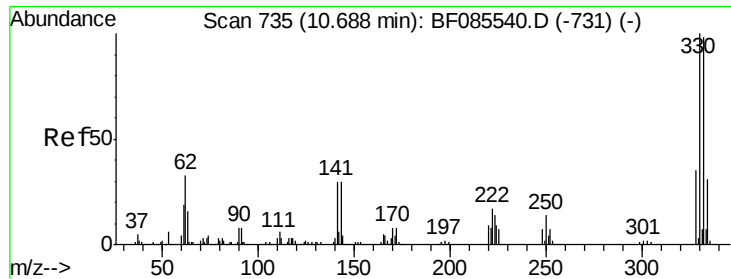


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

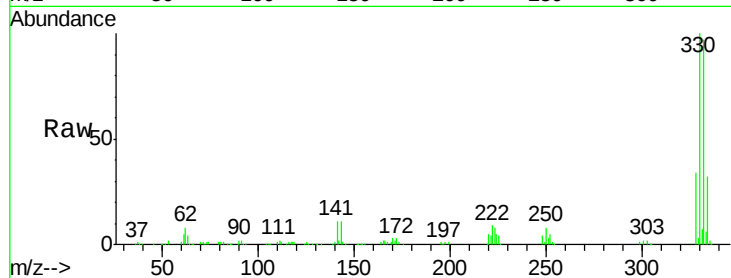




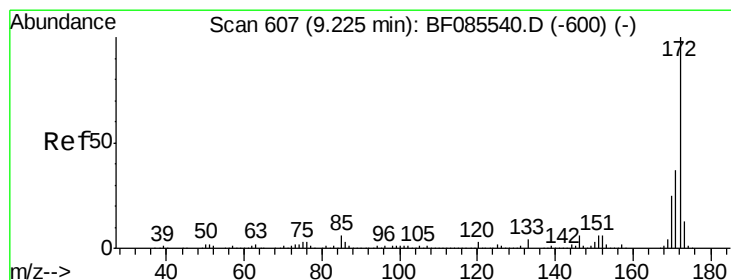
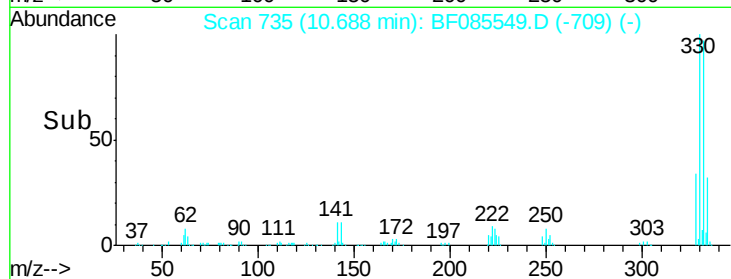
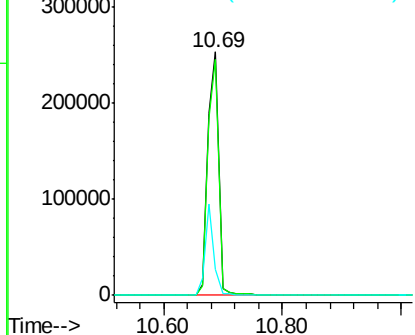
#41
 2,4,6-Tribromophenol
 Concen: 136.75 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085549.D
 Acq: 19 Mar 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 PB88949TB

Tgt Ion:330 Resp: 325016
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.2 117.2
 141 31.1 31.5 47.3#

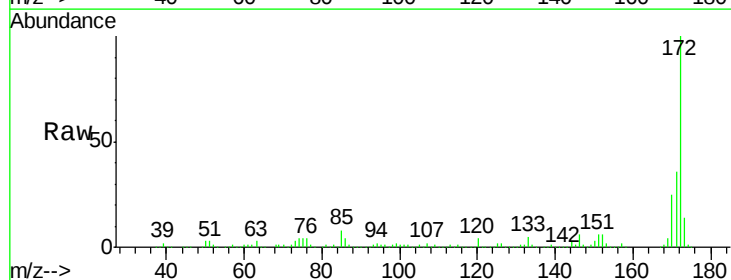


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

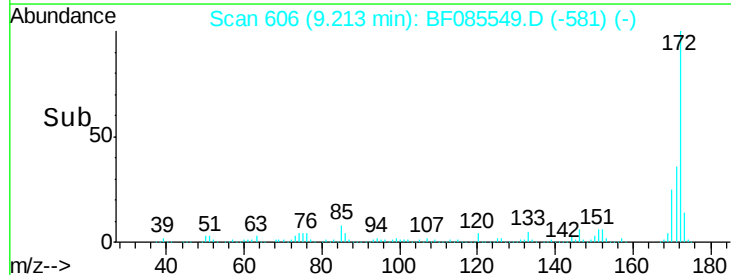
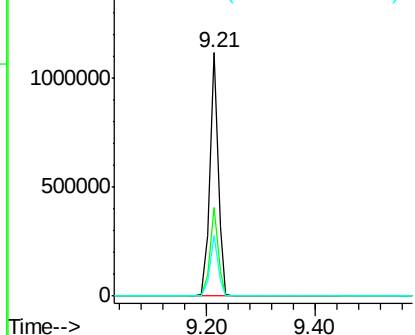


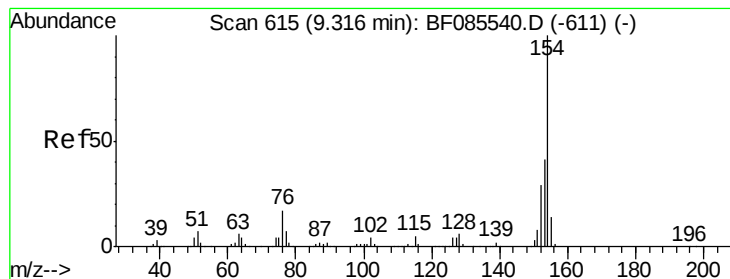
#44
 2-Fluorobiphenyl
 Concen: 83.83 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085549.D
 Acq: 19 Mar 2016 2:53

Tgt Ion:172 Resp: 1196497
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.8 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





#45

1,1'-Biphenyl

Concen: 0.12 ng

RT: 9.21 min Scan# 606

Delta R.T. -0.10 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB88949TB

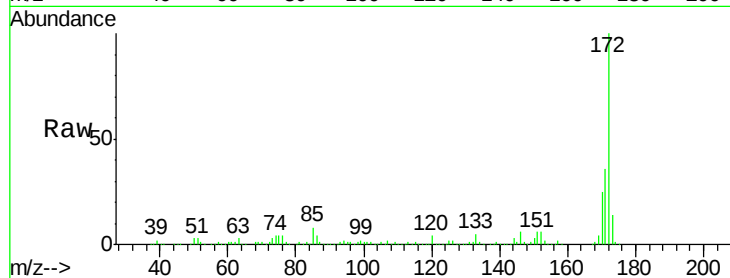
Tgt Ion:154 Resp: 2416

Ion Ratio Lower Upper

154 100

153 943.4 20.8 60.8#

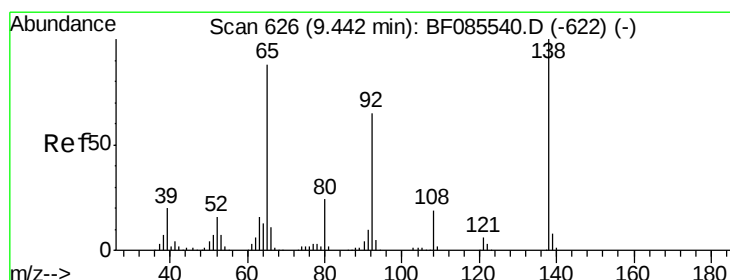
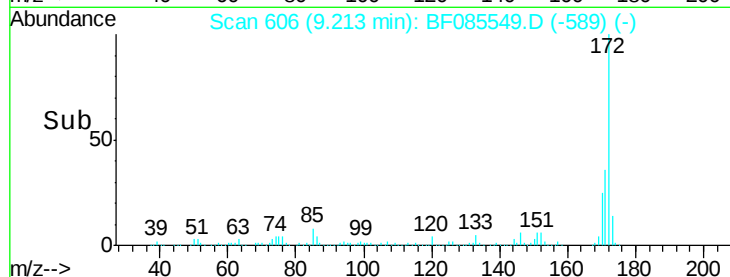
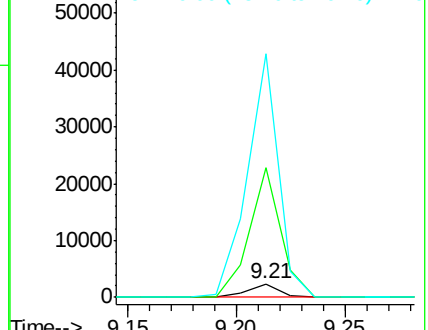
76 1773.8 0.0 36.7#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#47

2-Nitroaniline

Concen: 0.39 ng

RT: 9.21 min Scan# 606

Delta R.T. -0.23 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

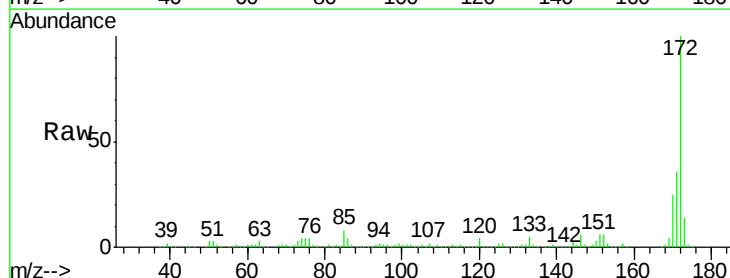
Tgt Ion: 65 Resp: 1787

Ion Ratio Lower Upper

65 100

92 215.7 59.7 89.5#

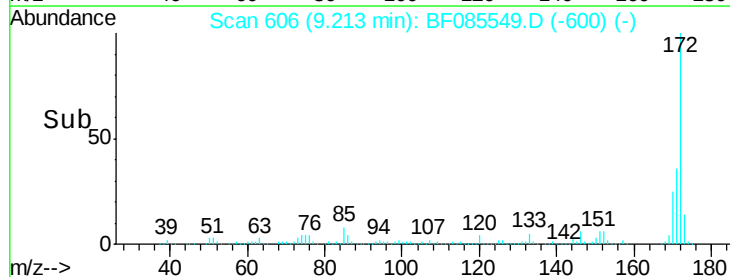
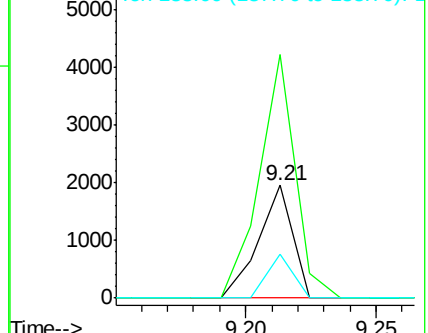
138 38.4 91.4 137.0#

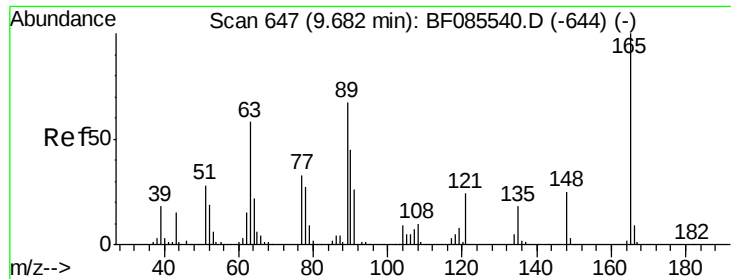


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#50

2,6-Dinitrotoluene

Concen: 8.09 ng

RT: 9.89 min Scan# 665

Delta R.T. 0.21 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB88949TB

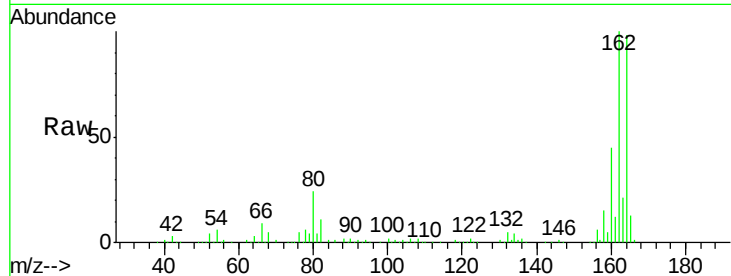
Tgt Ion:165 Resp: 31255

Ion Ratio Lower Upper

165 100

63 1.3 51.8 77.8#

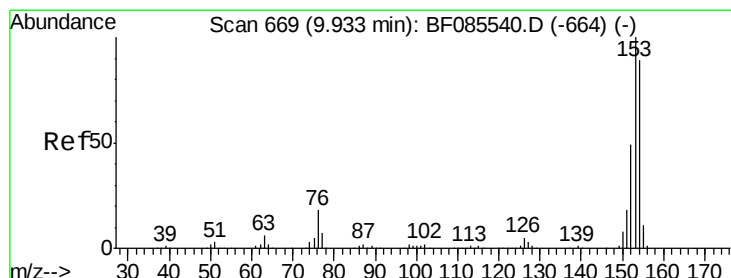
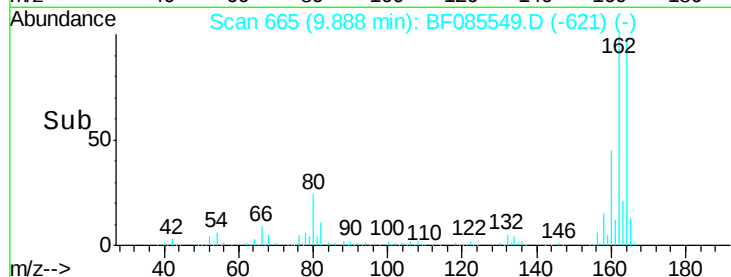
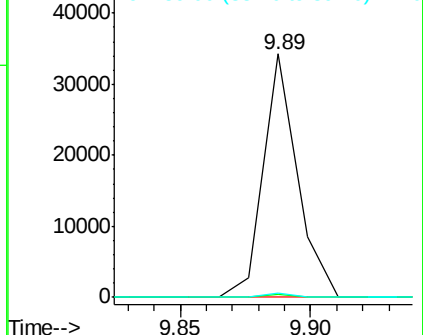
89 1.8 53.7 80.5#



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



#51

Acenaphthene

Concen: 0.06 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.05 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

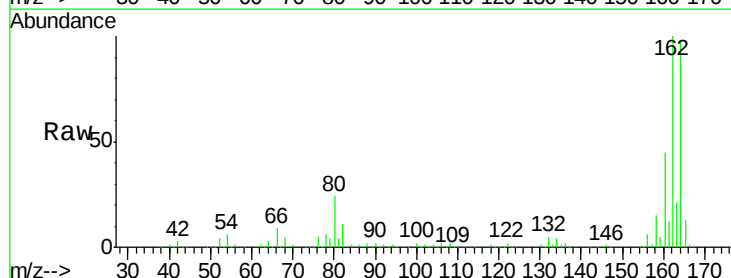
Tgt Ion:154 Resp: 888

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

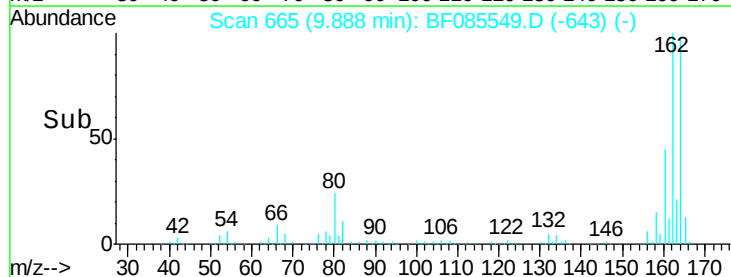
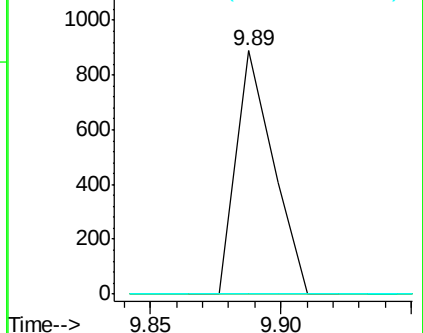
152 0.0 44.2 66.2#

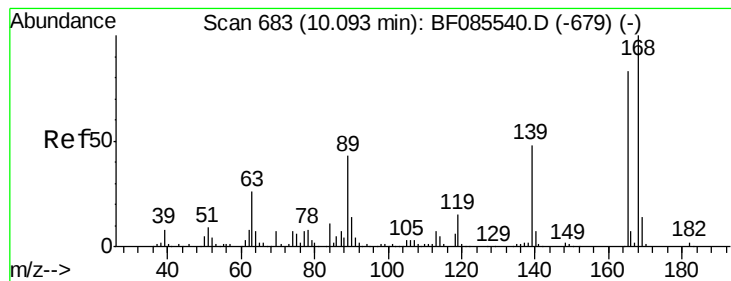


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

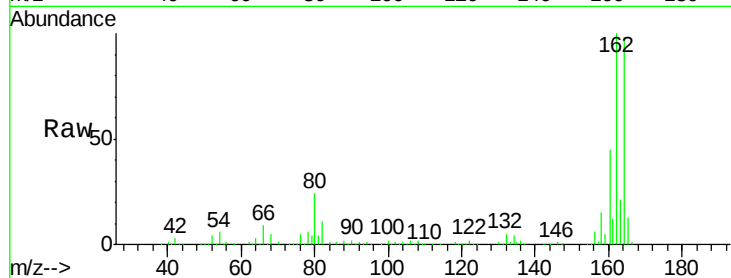




#56
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.21 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB88949TB

Tgt Ion:	165	Resp:	31256
Ion Ratio	Lower	Upper	
165	100		
63	1.3	24.9	37.3#
89	1.8	41.0	61.6#
182	0.0	2.1	3.1#

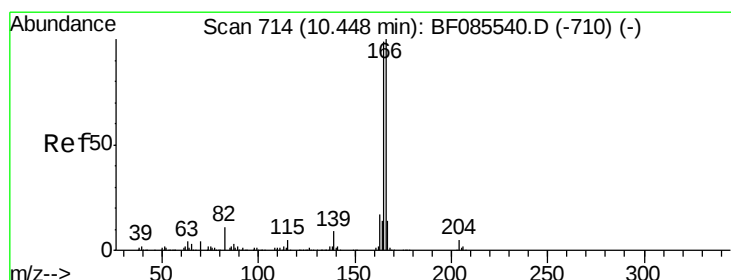
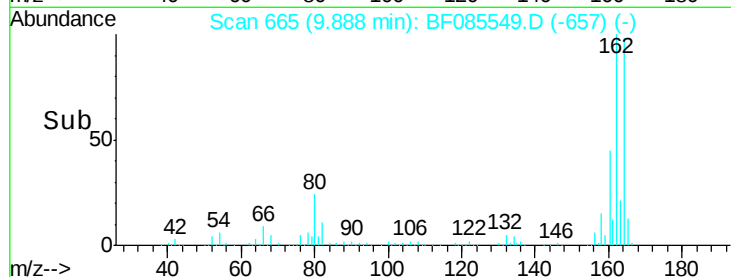
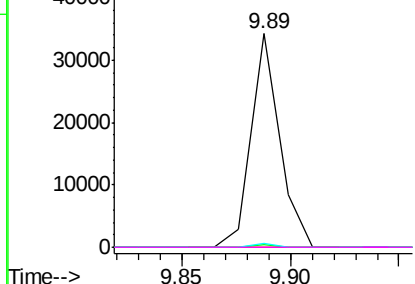


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

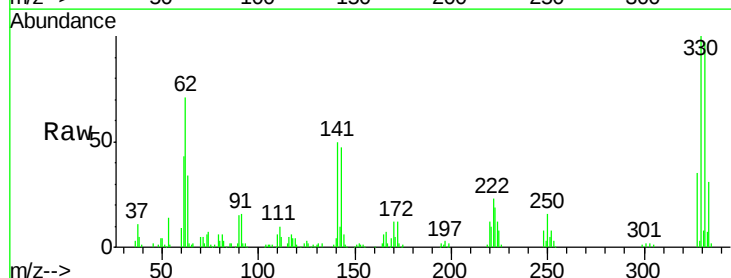
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 0.82 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.23 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

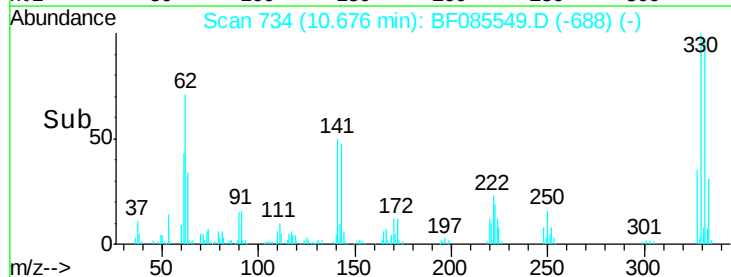
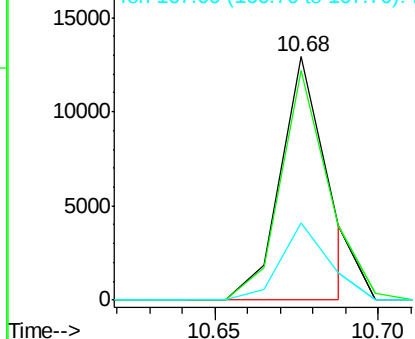
Tgt Ion:	166	Resp:	12852
Ion Ratio	Lower	Upper	
166	100		
165	94.3	79.4	119.0
167	31.5	11.0	16.4#

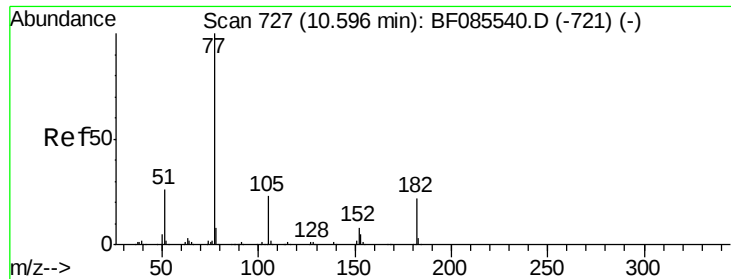


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#62

Azobenzene

Concen: 0.07 ng

RT: 10.68 min Scan# 734

Delta R.T. 0.08 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB88949TB

Tgt Ion: 77 Resp: 1239

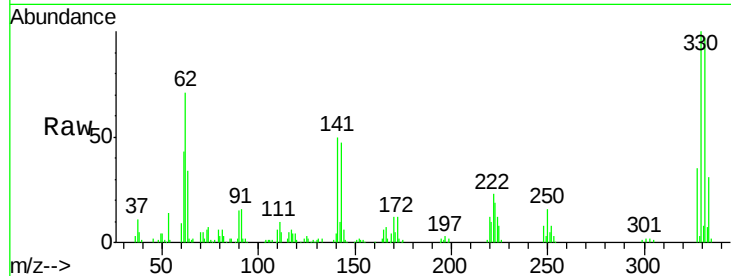
Ion Ratio Lower Upper

77 100

182 0.0 1.9 41.9#

105 84.7 3.5 43.5#

51 79.4 6.3 46.3#

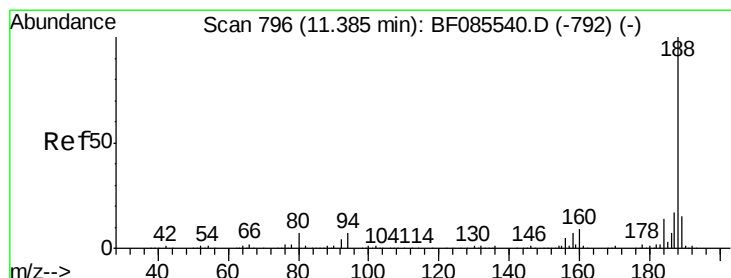
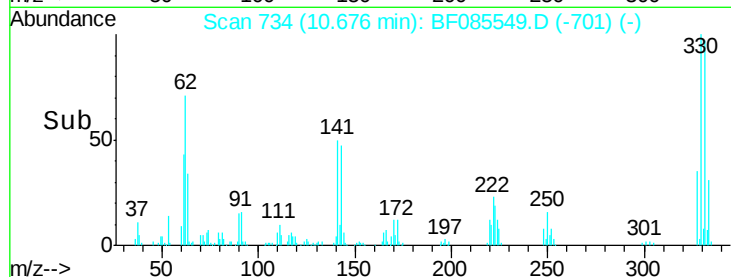
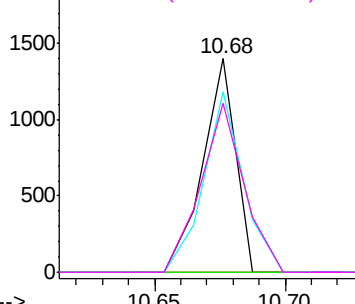


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

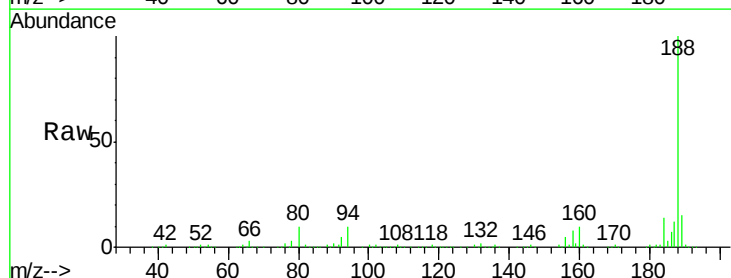
Tgt Ion: 188 Resp: 516141

Ion Ratio Lower Upper

188 100

94 9.7 5.4 8.0#

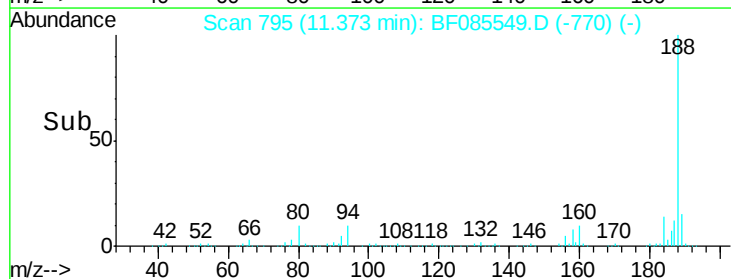
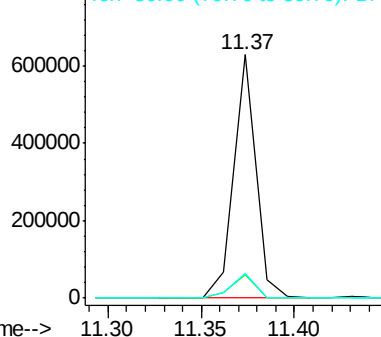
80 10.2 5.5 8.3#

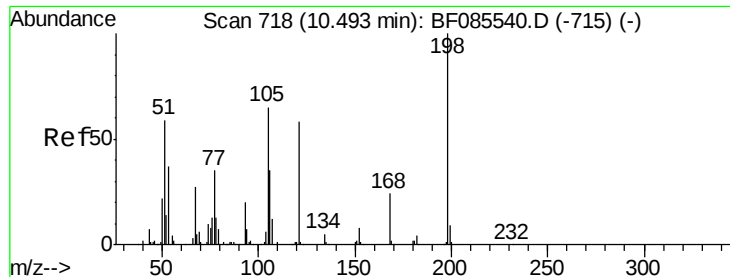


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 0.13 ng

RT: 10.68 min Scan# 734

Delta R.T. 0.18 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB88949TB

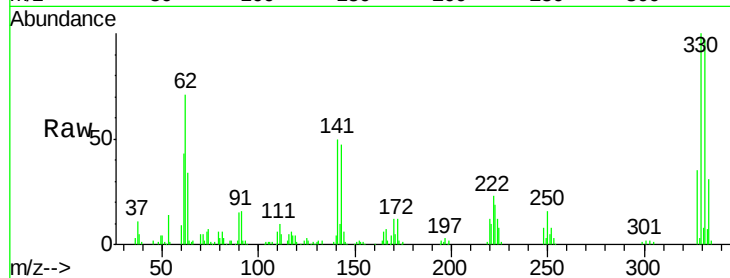
Tgt Ion:198 Resp: 429

Ion Ratio Lower Upper

198 100

51 177.9 45.4 85.4#

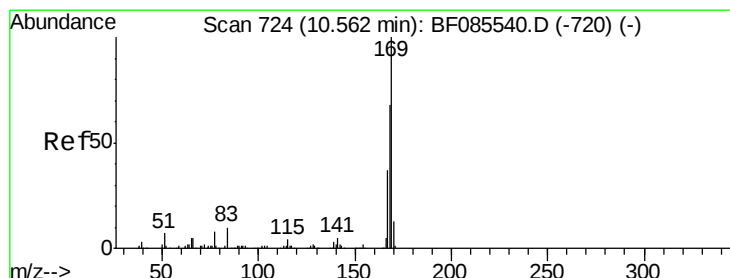
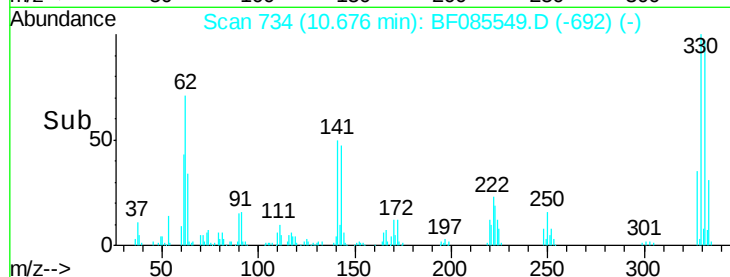
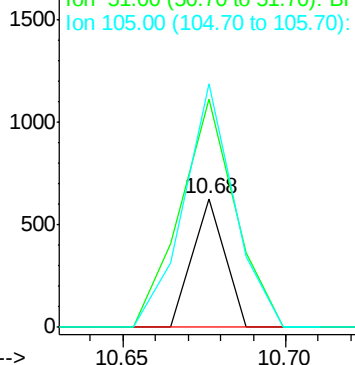
105 189.8 45.9 85.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 0.54 ng

RT: 10.68 min Scan# 734

Delta R.T. 0.11 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

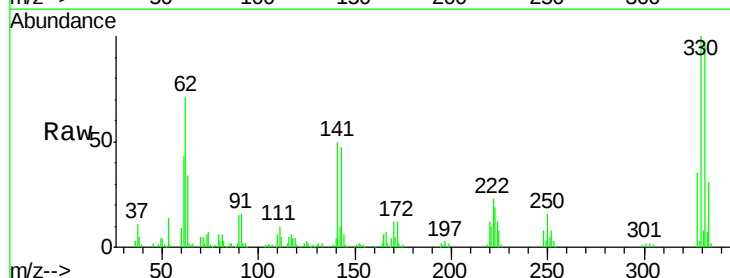
Tgt Ion:169 Resp: 8641

Ion Ratio Lower Upper

169 100

168 6.8 54.4 81.6#

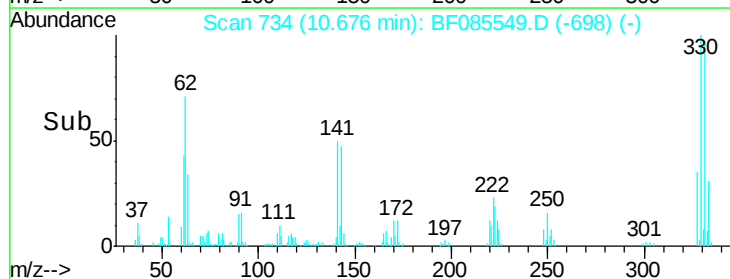
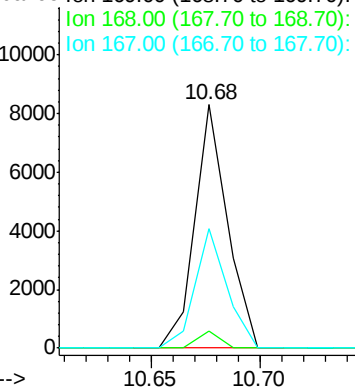
167 49.1 29.4 44.0#

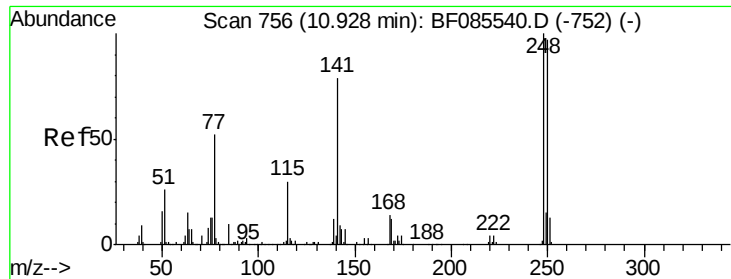


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

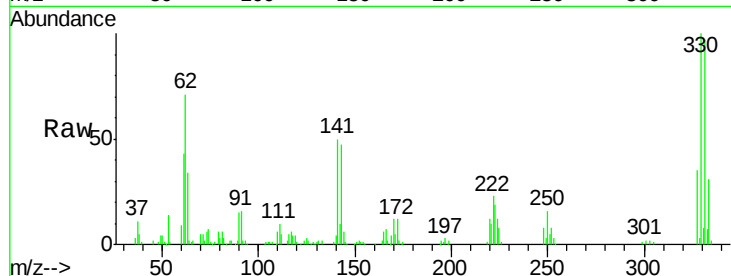




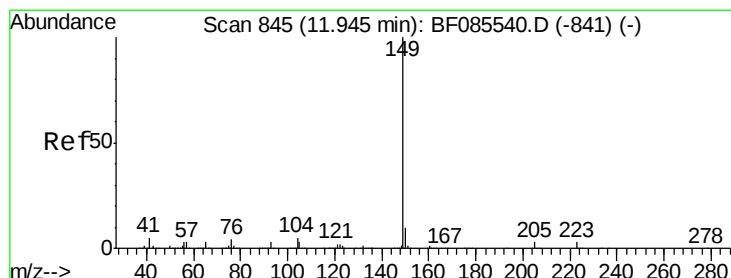
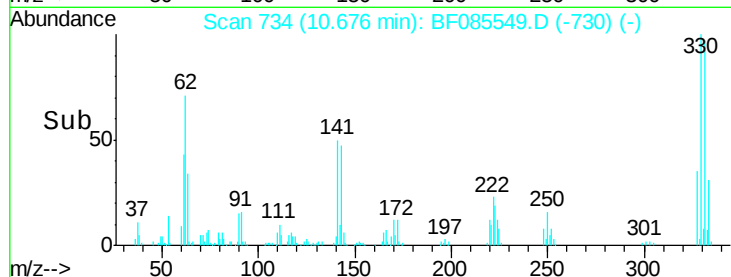
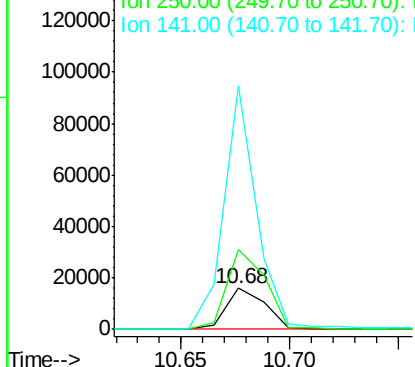
#66
 4-Bromophenyl-phenylether
 Concen: 3.83 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.25 min
 Lab File: BF085549.D
 Acq: 19 Mar 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 PB88949TB

Tgt Ion:248 Resp: 19773
 Ion Ratio Lower Upper
 248 100
 250 193.9 77.4 116.0#
 141 589.6 63.6 95.4#

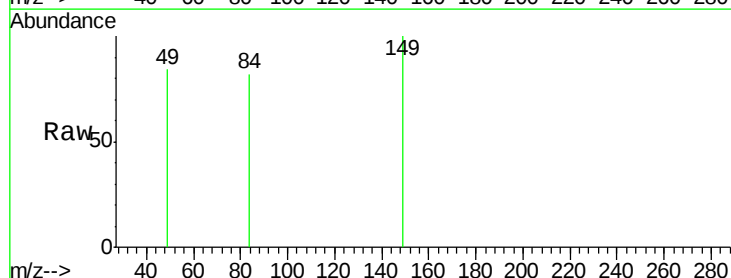


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

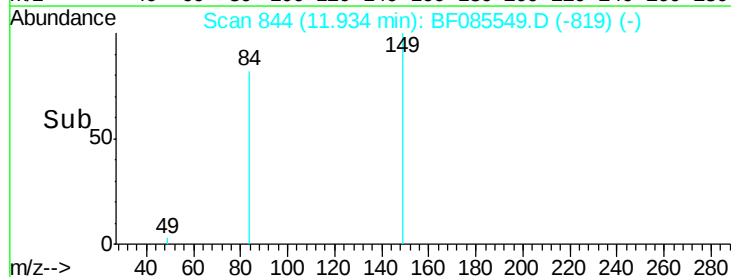
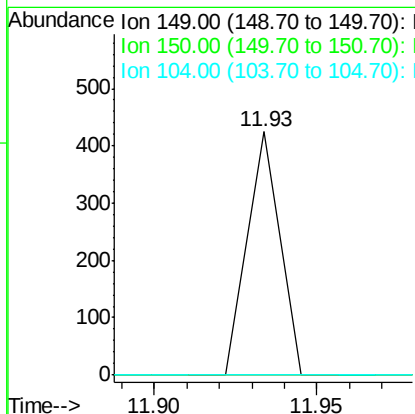


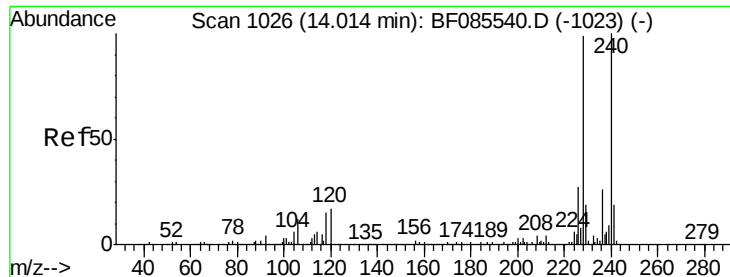
#73
 Di-n-butylphthalate
 Concen: 0.01 ng
 RT: 11.93 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF085549.D
 Acq: 19 Mar 2016 2:53

Tgt Ion:149 Resp: 291
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.6 11.4#
 104 0.0 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB88949TB

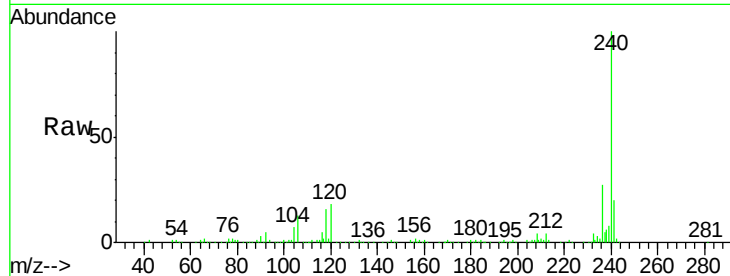
Tgt Ion:240 Resp: 418491

Ion Ratio Lower Upper

240 100

120 17.7 13.8 20.8

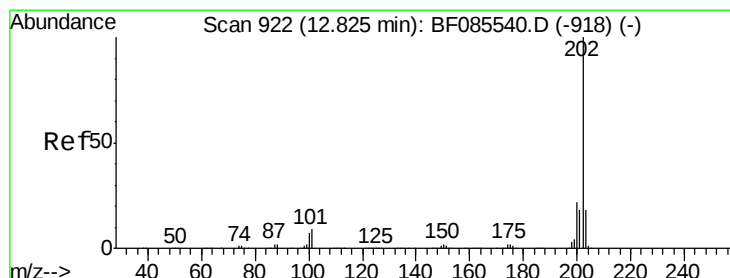
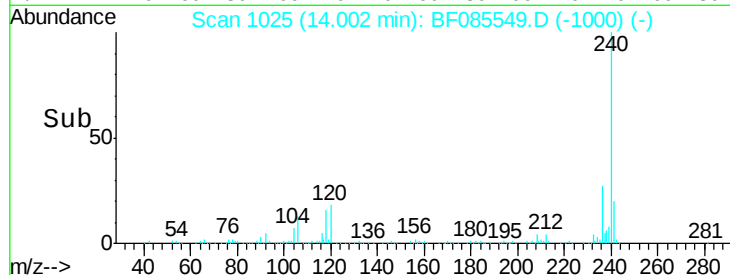
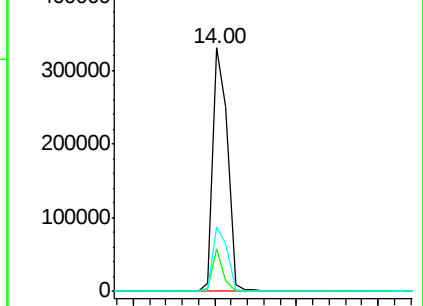
236 26.6 20.6 30.8



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



#77

Pyrene

Concen: 0.14 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.14 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

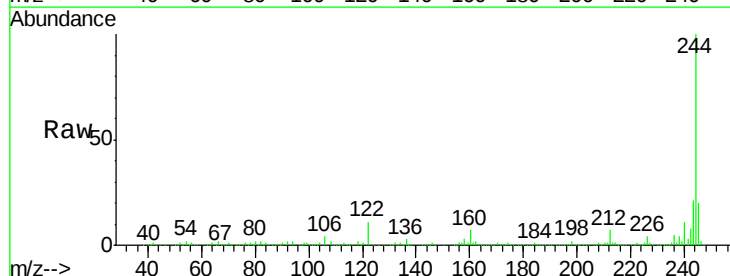
Tgt Ion:202 Resp: 4336

Ion Ratio Lower Upper

202 100

200 49.0 17.6 26.4#

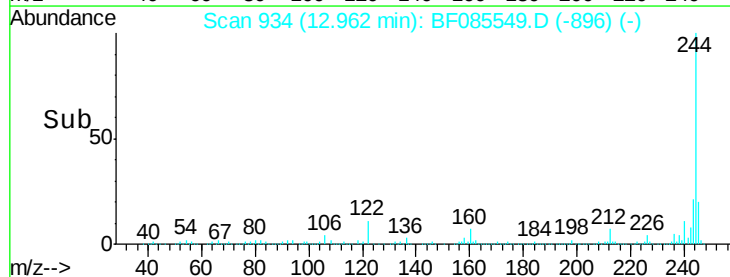
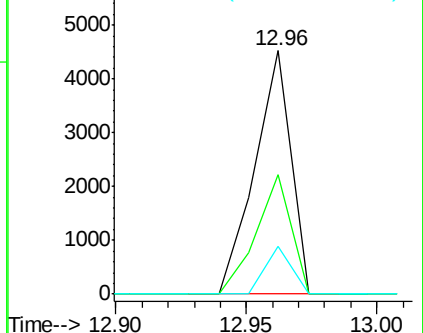
203 19.7 14.0 21.0

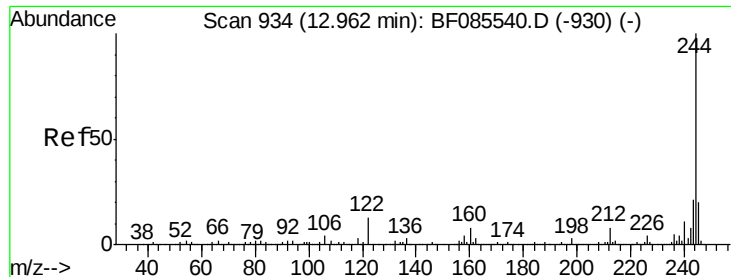


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 74.31 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB88949TB

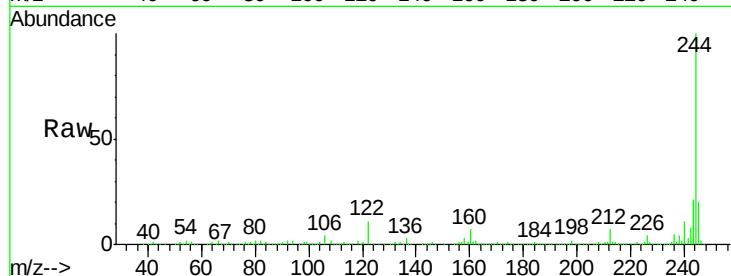
Tgt Ion:244 Resp: 1292293

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

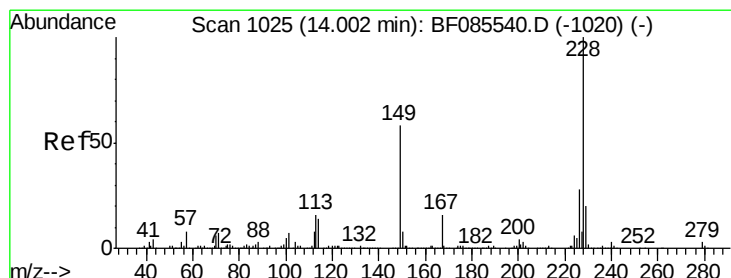
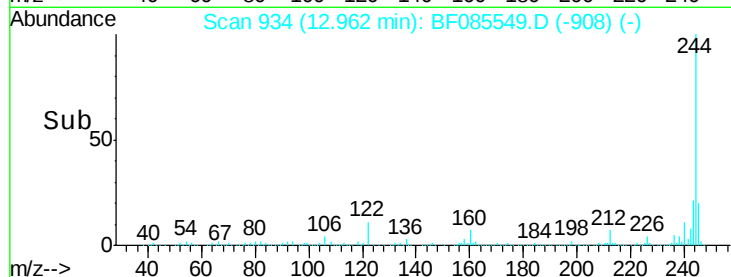
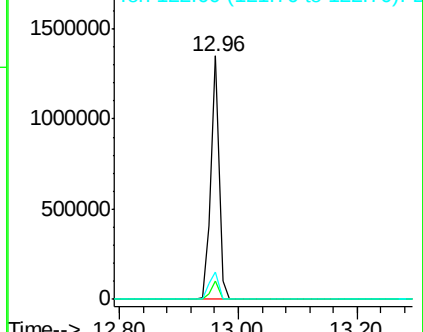
122 11.3 10.2 15.4



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



#80

Benzo(a)anthracene

Concen: 0.04 ng

RT: 14.00 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

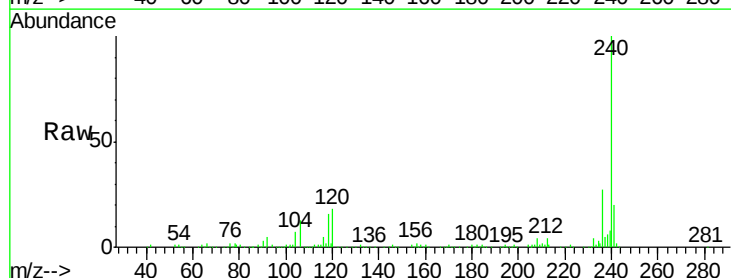
Tgt Ion:228 Resp: 1019

Ion Ratio Lower Upper

228 100

226 0.0 22.1 33.1#

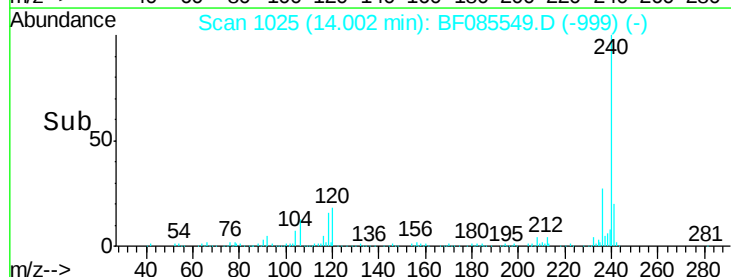
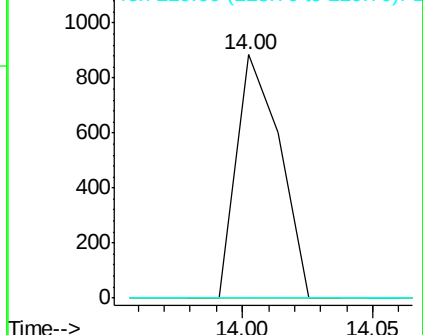
229 0.0 16.2 24.4#

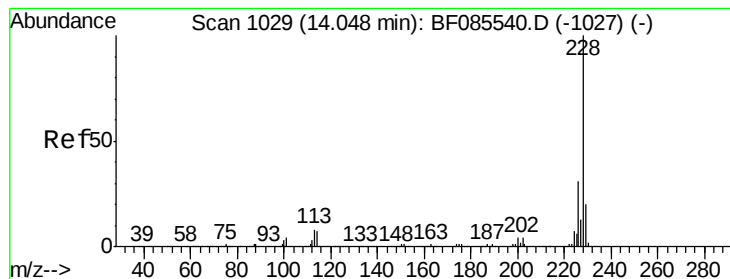


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.04 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.05 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB88949TB

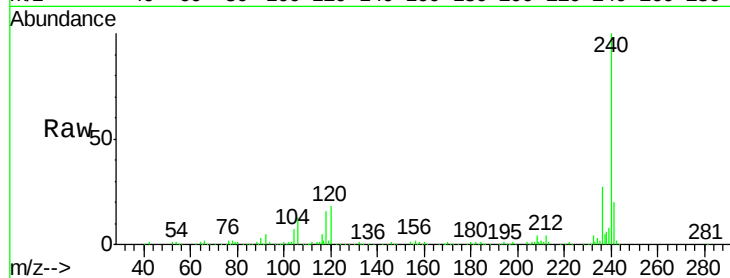
Tgt Ion:228 Resp: 1019

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

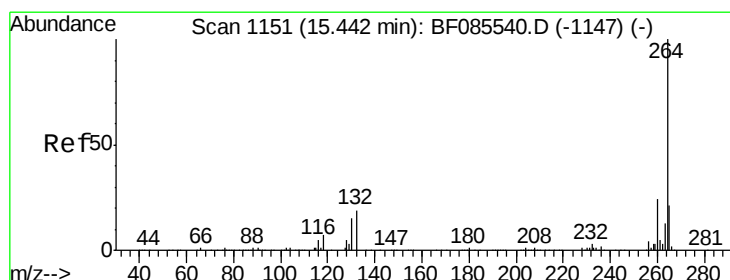
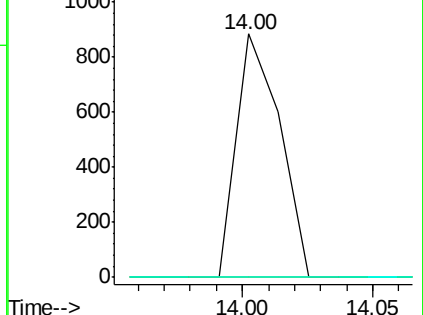
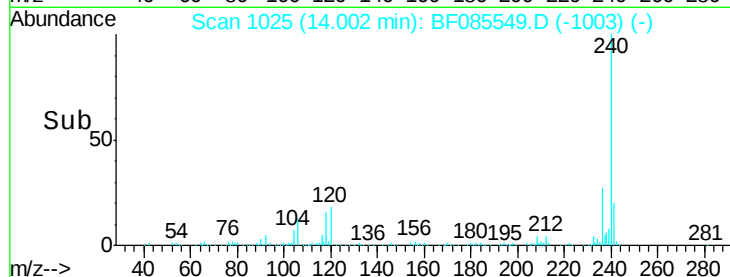
229 0.0 15.7 23.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

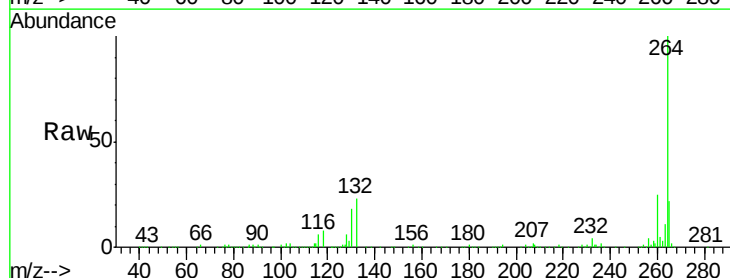
Tgt Ion:264 Resp: 366090

Ion Ratio Lower Upper

264 100

260 25.0 19.4 29.2

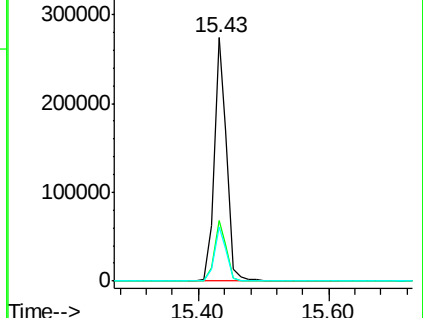
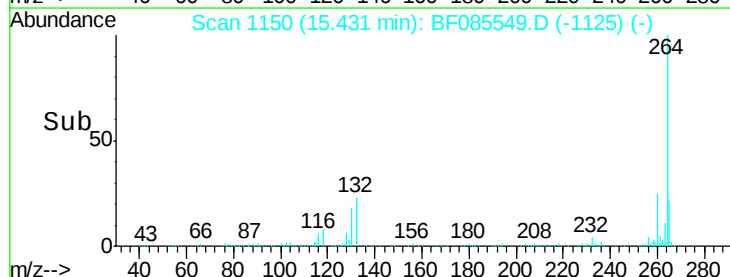
265 22.1 17.2 25.8

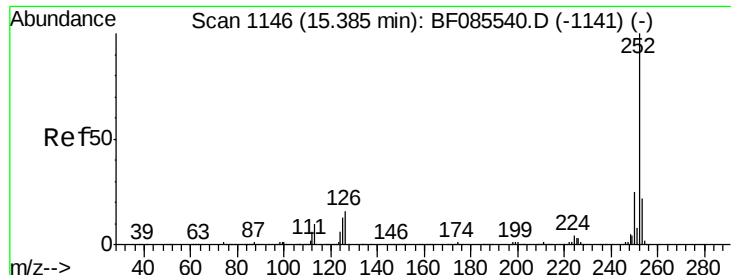


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 0.05 ng

RT: 15.43 min Scan# 1150

Delta R.T. 0.05 min

Lab File: BF085549.D

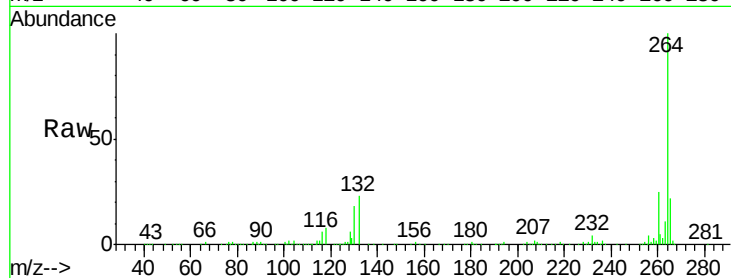
Acq: 19 Mar 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB88949TB



Tgt Ion:	252	Resp:	955
Ion	Ratio	Lower	Upper
252	100		
253	42.4	17.4	26.0#
125	41.4	10.3	15.5#

