

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084869.D
 Acq On : 5 Feb 2016 19:38
 Operator : SJ/IZ
 Sample : H1311-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B006(20-22)

Quant Time: Feb 05 22:21:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	162249	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	512225	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	208745	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	427454	20.00	ng	-0.01
75) Chrysene-d12	13.80	240	402083	20.00	ng	-0.03
86) Perylene-d12	15.17	264	300396	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	1353302	129.92	ng	-0.02
7) Phenol-d6	6.32	99	1579772	122.33	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1084419	119.26	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	319738	146.84	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	1259239	115.31	ng	-0.02
78) Terphenyl-d14	12.76	244	1374981	77.49	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.82	79	29587	3.32	ng	# 47
18) Hexachloroethane	7.24	117	380549	79.35	ng	# 9
19) n-Nitroso-di-n-propylamine	7.09	70	42286	5.22	ng	# 73
24) Nitrobenzene	7.21	77	94348	9.69	ng	# 38
25) Isophorone	7.48	82	142915	8.08	ng	# 1
28) bis(2-Chloroethoxy)methane	7.72	93	52572	5.01	ng	# 1
29) 2,4-Dichlorophenol	7.82	162	24344	3.41	ng	# 28
31) Naphthalene	7.95	128	111748	4.35	ng	# 1
32) Benzoic acid	7.76	122	21158	3.96	ng	# 17
35) Caprolactam	8.41	113	213237	96.80	ng	# 1
36) 4-Chloro-3-methylphenol	8.49	107	50237	6.16	ng	# 35
37) 2-Methylnaphthalene	8.77	142	1393769	86.67	ng	# 95
47) 2-Nitroaniline	9.26	65	16454	3.78	ng	# 1
48) Acenaphthylene	9.58	152	113944	5.47	ng	# 1
49) Dimethylphthalate	9.44	163	158152	9.95	ng	# 3
50) 2,6-Dinitrotoluene	9.49	165	35565	10.24	ng	# 1
51) Acenaphthene	9.74	154	259330	19.13	ng	# 95
52) 3-Nitroaniline	9.66	138	19171	4.91	ng	# 30
53) 2,4-Dinitrophenol	9.78	184	1747	6.81	ng	# 1
54) Dibenzofuran	9.92	168	235002	14.18	ng	# 38
55) 4-Nitrophenol	9.82	139	121056	42.20	ng	# 55
56) 2,4-Dinitrotoluene	9.93	165	48019	10.84	ng	# 54
57) Fluorene	10.26	166	465238	33.63	ng	# 84
60) 4-Chlorophenyl-phenylether	10.27	204	4131	Below	Cal	# 1
62) Azobenzene	10.42	77	56880	3.81	ng	# 1
65) n-Nitrosodiphenylamine	10.38	169	972778	71.67	ng	# 41
68) Atrazine	10.90	200	8945	2.09	ng	# 1
70) Phenanthrene	11.22	178	513647	21.67	ng	# 91
71) Anthracene	11.27	178	191346	8.01	ng	# 74
74) Fluoranthene	12.40	202	409258	17.06	ng	# 94
76) Benzidine	12.55	184	3950	7.08	ng	# 1
77) Pyrene	12.61	202	406395	13.20	ng	# 98
80) Benzo(a)anthracene	13.79	228	94653	3.79	ng	# 98
82) Chrysene	13.79	228	94653	3.91	ng	# 95

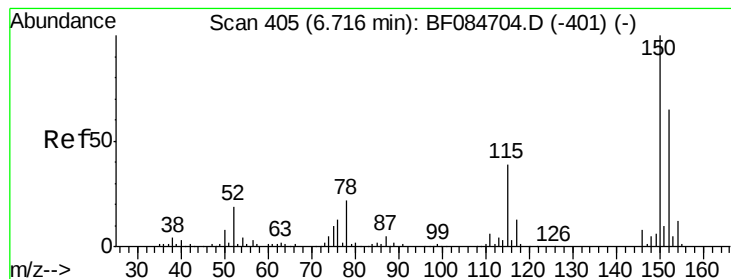
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084869.D
Acq On : 5 Feb 2016 19:38
Operator : SJ/IZ
Sample : H1311-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B006(20-22)

Quant Time: Feb 05 22:21:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	14.80	252	85776	4.25	ng	# 97
88) Benzo(k)fluoranthene	14.80	252	85776	5.14	ng	99

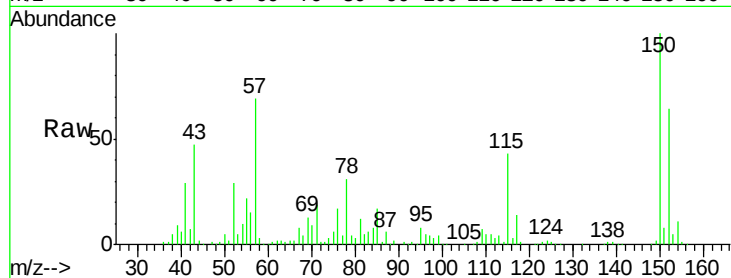
(#) = qualifier out of range (m) = manual integration (+) = signals summed



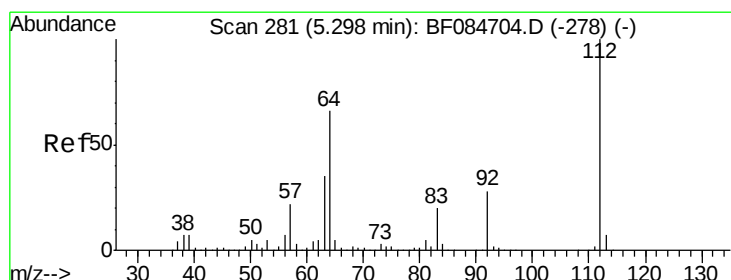
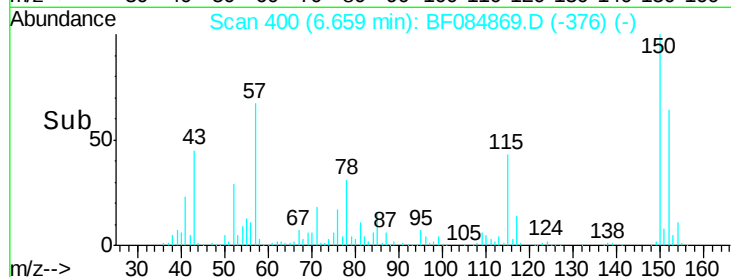
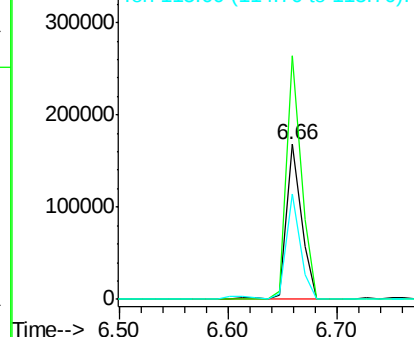
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 400
 Delta R.T. -0.02 min
 Lab File: BF084869.D
 Acq: 5 Feb 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B006(20-22)

Tgt Ion:152 Resp: 162249
 Ion Ratio Lower Upper
 152 100
 150 157.4 123.0 184.4
 115 68.5 51.4 77.2

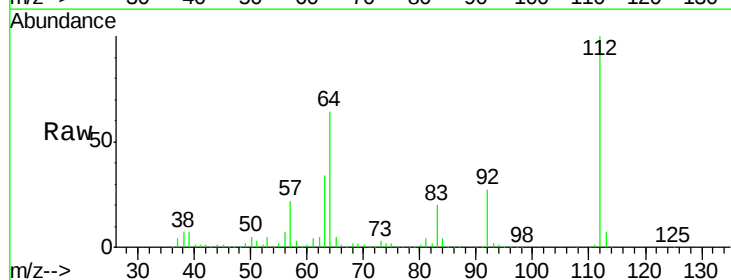


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

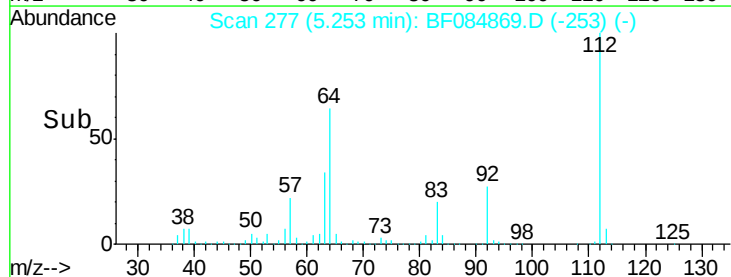
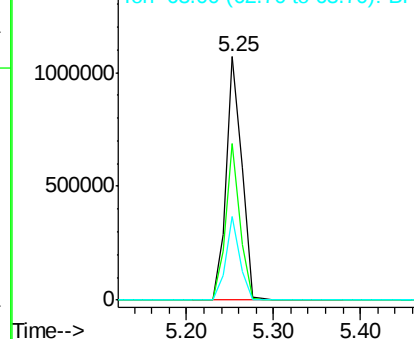


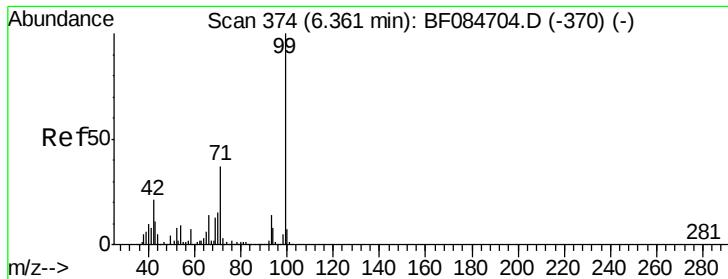
#5
 2-Fluorophenol
 Concen: 129.92 ng
 RT: 5.25 min Scan# 277
 Delta R.T. -0.02 min
 Lab File: BF084869.D
 Acq: 5 Feb 2016 19:38

Tgt Ion:112 Resp: 1353302
 Ion Ratio Lower Upper
 112 100
 64 64.4 36.6 55.0#
 63 34.1 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: 122.33 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

Instrument :

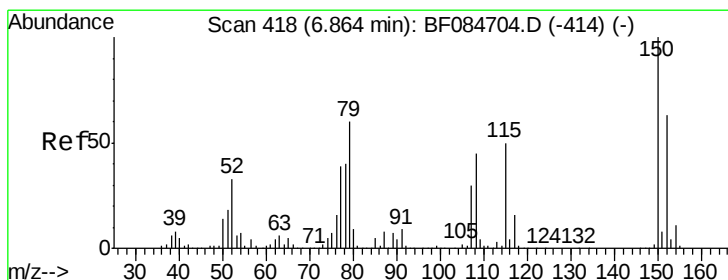
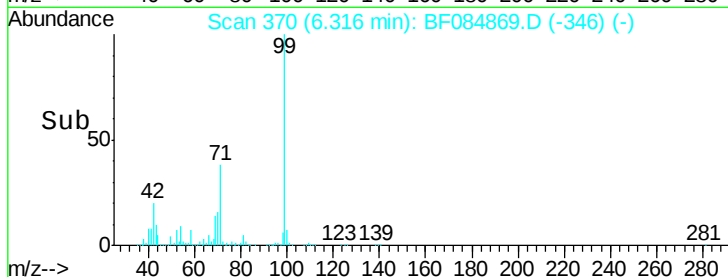
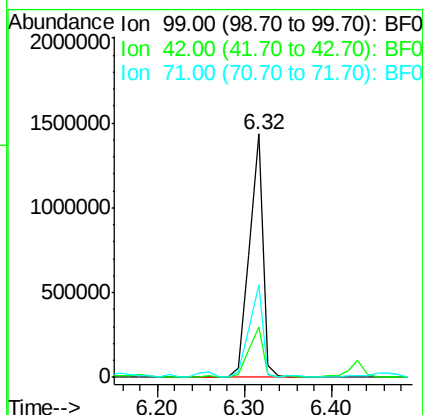
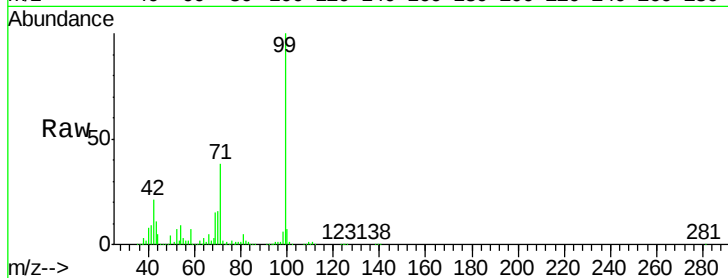
BNA_F

ClientSampleId :

SUP-B006(20-22)

Tgt Ion: 99 Resp: 1579772

Ion	Ratio	Lower	Upper
99	100		
42	20.5	12.8	19.2#
71	38.0	30.9	46.3



#15

Benzyl Alcohol

Concen: 3.32 ng

RT: 6.82 min Scan# 414

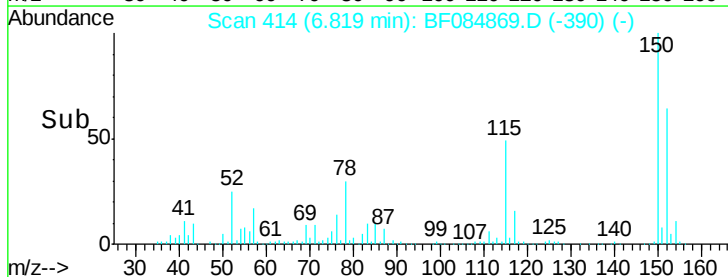
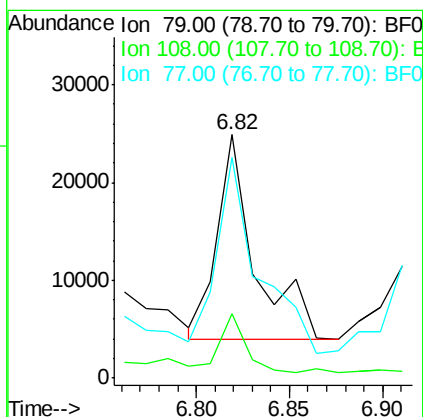
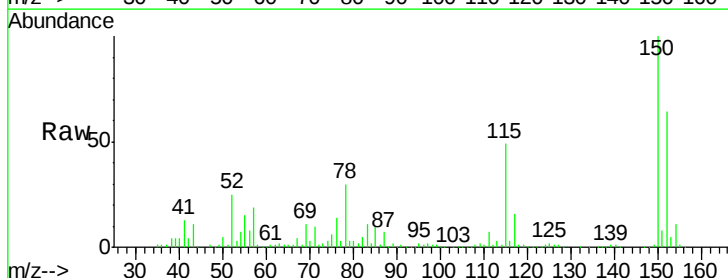
Delta R.T. -0.02 min

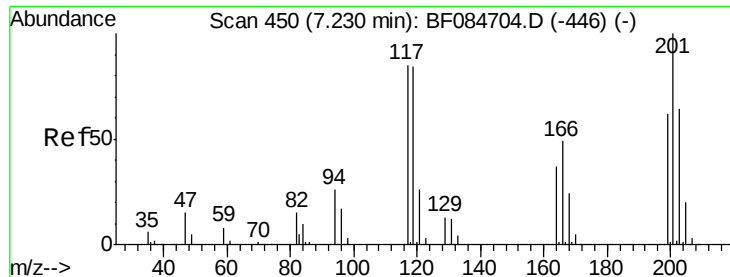
Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

Tgt Ion: 79 Resp: 29587

Ion	Ratio	Lower	Upper
79	100		
108	26.6	69.0	103.4#
77	90.8	50.0	75.0#

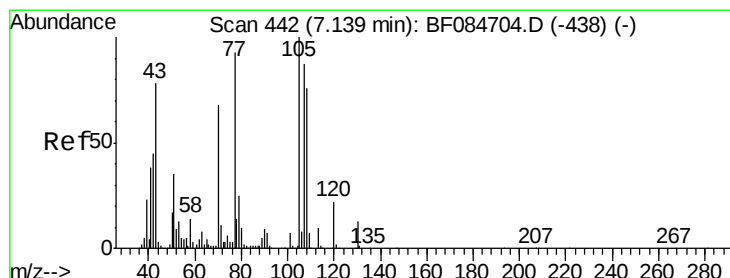
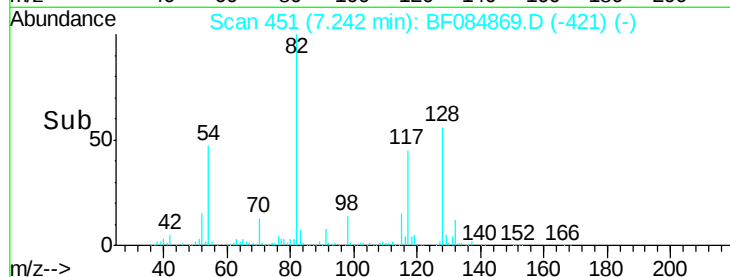
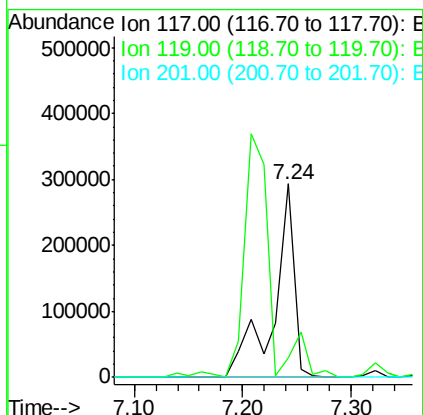
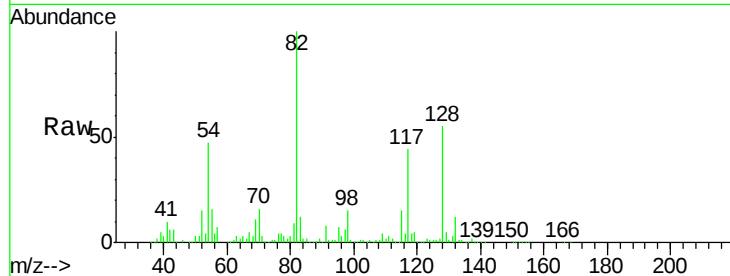




#18
Hexachloroethane
Concen: 79.35 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.05 min
Lab File: BF084869.D
Acq: 5 Feb 2016 19:38

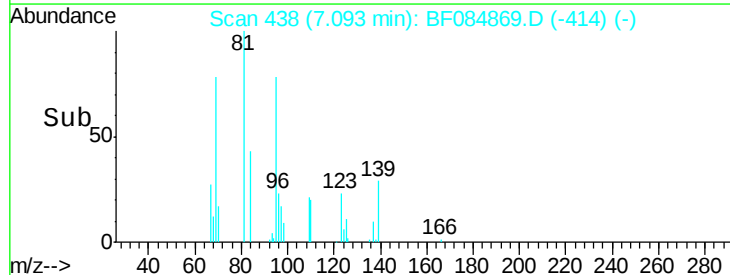
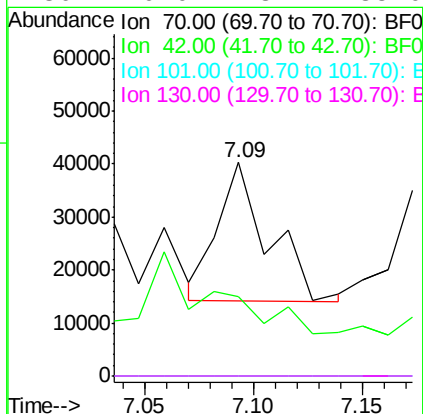
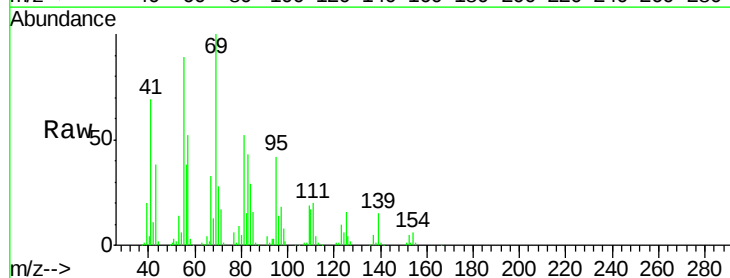
Instrument :
BNA_F
ClientSampleId :
SUP-B006(20-22)

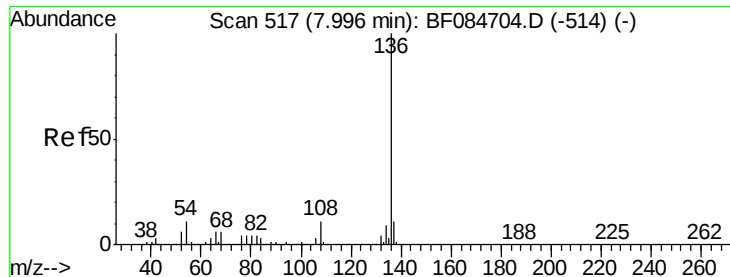
Tgt Ion: 117 Resp: 380549
Ion Ratio Lower Upper
117 100
119 10.3 77.4 116.0#
201 0.0 68.6 103.0#



#19
n-Nitroso-di-n-propylamine
Concen: 5.22 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF084869.D
Acq: 5 Feb 2016 19:38

Tgt Ion: 70 Resp: 42286
Ion Ratio Lower Upper
70 100
42 37.4 33.3 49.9
101 0.0 9.3 13.9#
130 0.0 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

Instrument :

BNA_F

ClientSampleId :

SUP-B006(20-22)

Tgt Ion:136 Resp: 512225

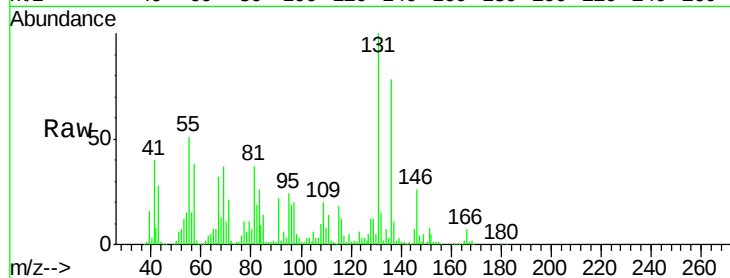
Ion Ratio Lower Upper

136 100

137 14.5 8.7 13.1#

54 18.7 5.8 8.8#

68 16.2 4.2 6.2#

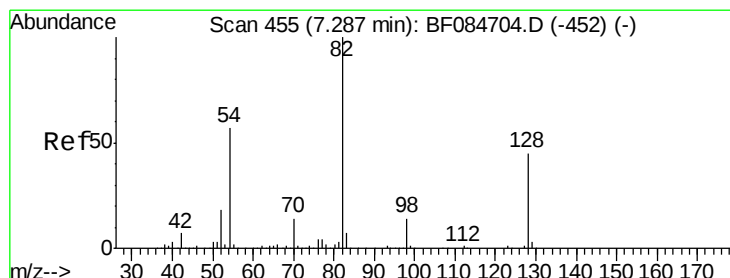
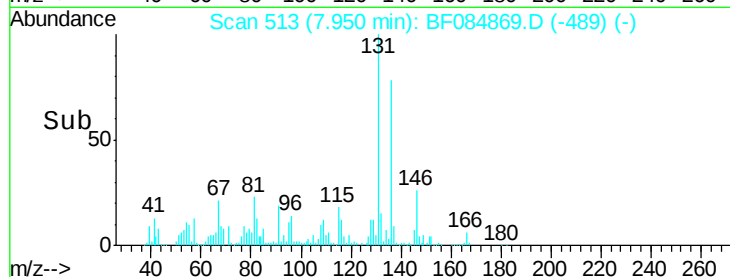
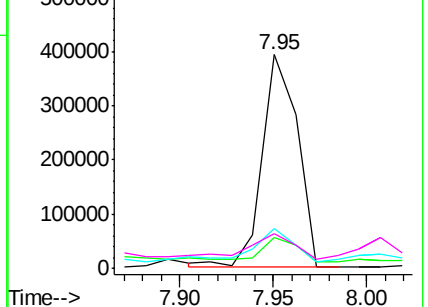


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 119.26 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

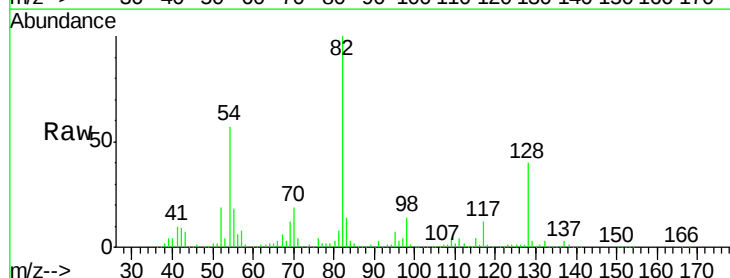
Tgt Ion: 82 Resp: 1084419

Ion Ratio Lower Upper

82 100

128 39.8 34.6 51.8

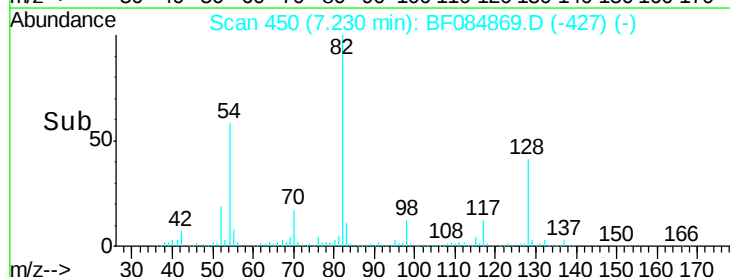
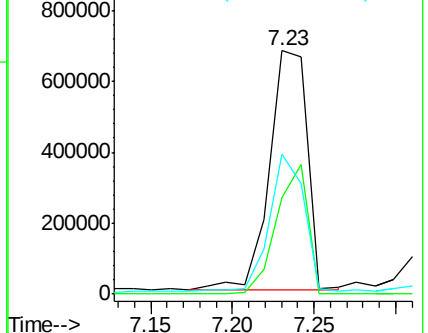
54 57.4 38.4 57.6

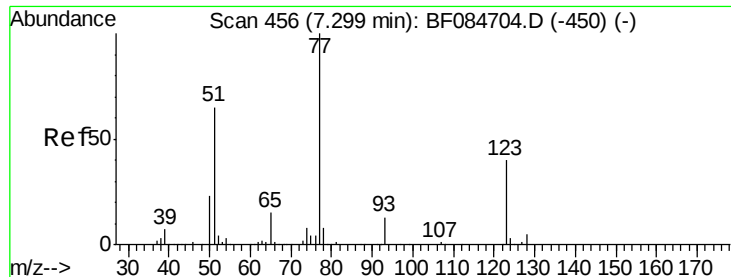


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

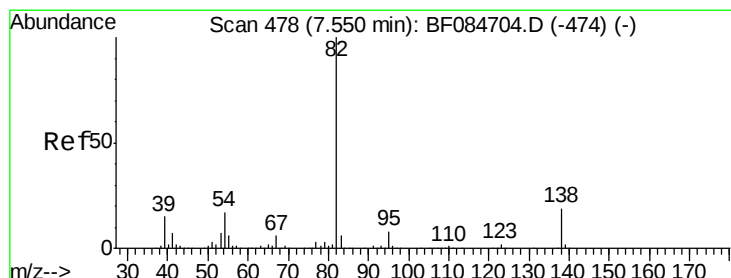
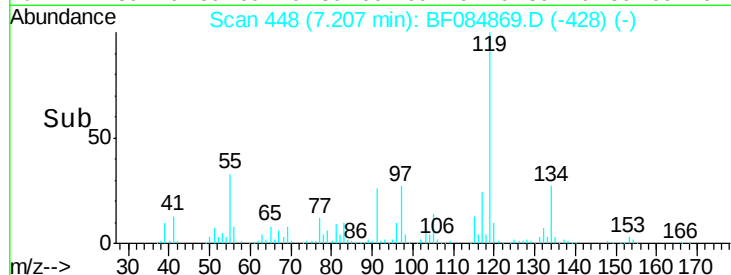
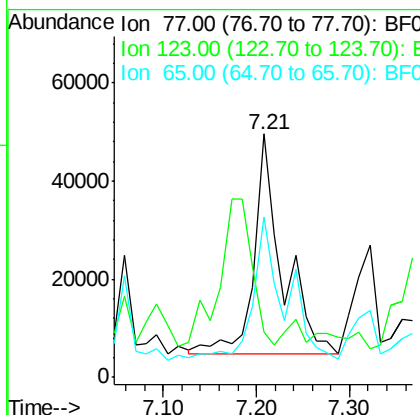
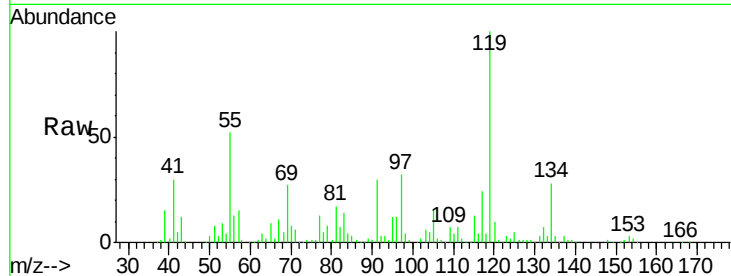




#24
Nitrobenzene
Concen: 9.69 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.07 min
Lab File: BF084869.D
Acq: 5 Feb 2016 19:38

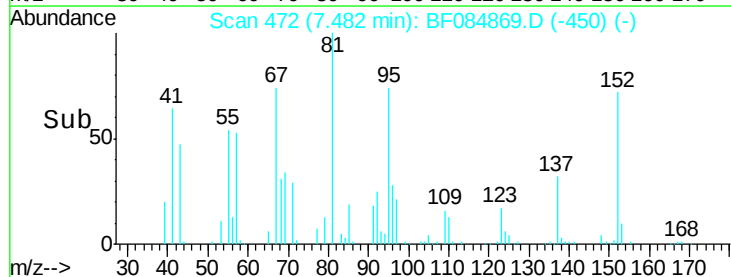
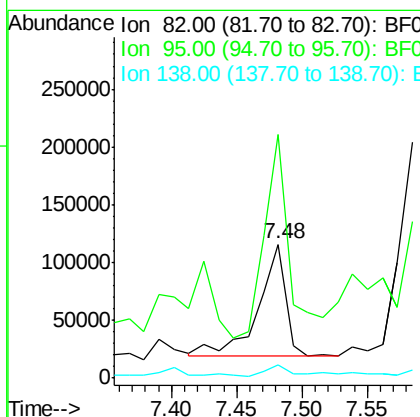
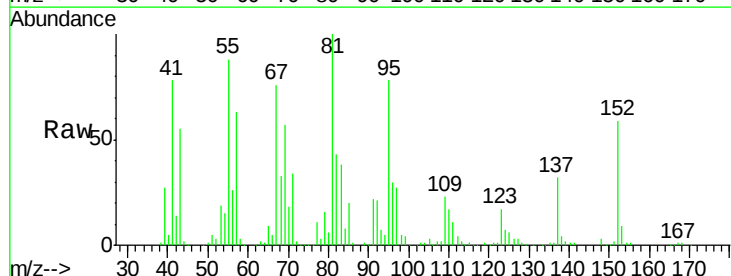
Instrument :
BNA_F
ClientSampleId :
SUP-B006(20-22)

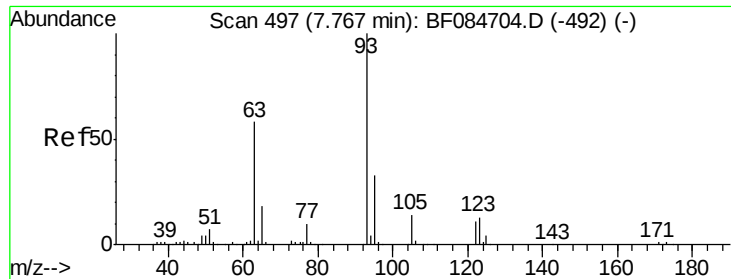
Tgt Ion: 77 Resp: 94348
Ion Ratio Lower Upper
77 100
123 18.8 37.4 56.2#
65 66.0 10.9 16.3#



#25
Isophorone
Concen: 8.08 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.05 min
Lab File: BF084869.D
Acq: 5 Feb 2016 19:38

Tgt Ion: 82 Resp: 142915
Ion Ratio Lower Upper
82 100
95 181.8 6.6 10.0#
138 9.5 13.6 20.4#

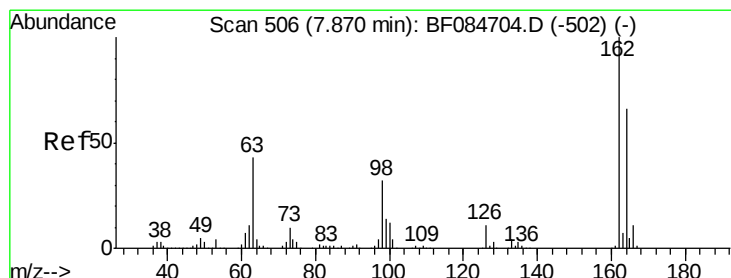
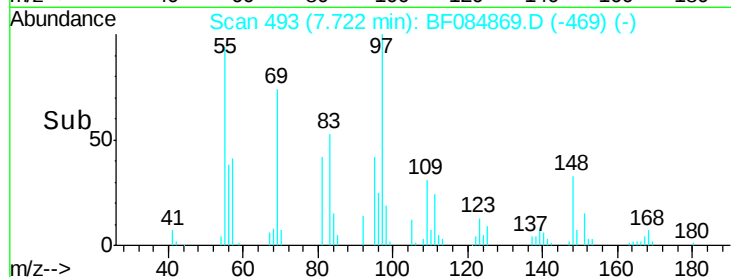
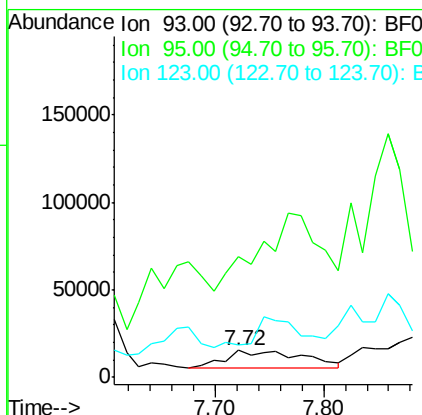
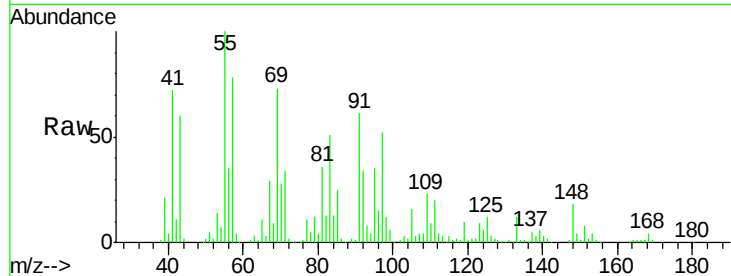




#28
bis(2-Chloroethoxy)methane
Concen: 5.01 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.02 min
Lab File: BF084869.D
Acq: 5 Feb 2016 19:38

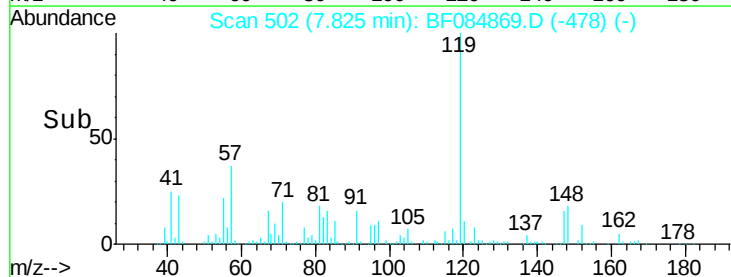
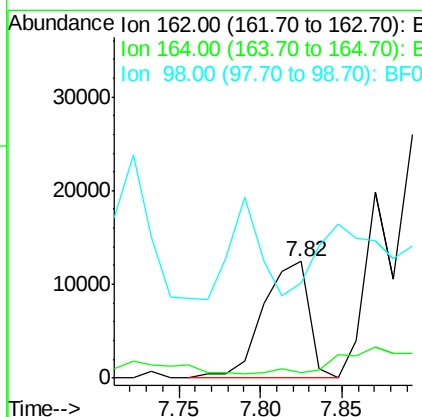
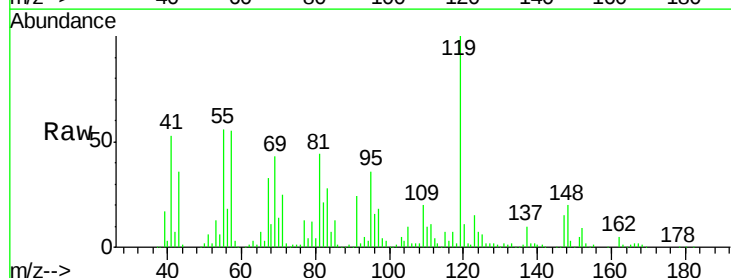
Instrument :
BNA_F
ClientSampleId :
SUP-B006(20-22)

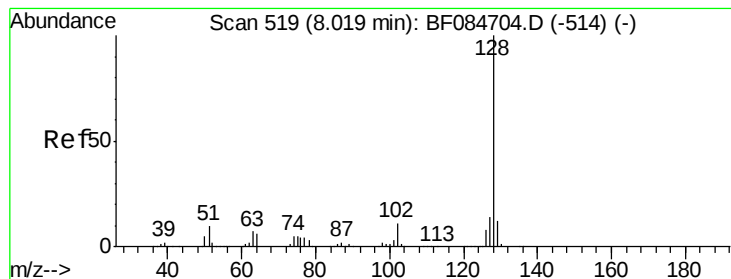
Tgt Ion: 93 Resp: 52572
Ion Ratio Lower Upper
93 100
95 452.9 25.8 38.6#
123 120.7 8.6 12.8#



#29
2,4-Dichlorophenol
Concen: 3.41 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.02 min
Lab File: BF084869.D
Acq: 5 Feb 2016 19:38

Tgt Ion: 162 Resp: 24344
Ion Ratio Lower Upper
162 100
164 4.8 44.1 84.1#
98 81.6 20.2 60.2#





#31

Naphthalene

Concen: 4.35 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.05 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

Instrument :

BNA_F

ClientSampleId :

SUP-B006(20-22)

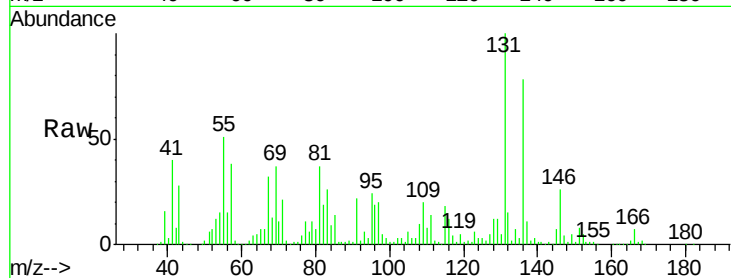
Tgt Ion:128 Resp: 111748

Ion Ratio Lower Upper

128 100

129 103.8 9.1 13.7#

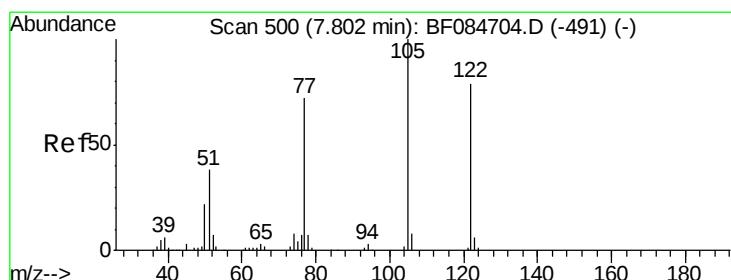
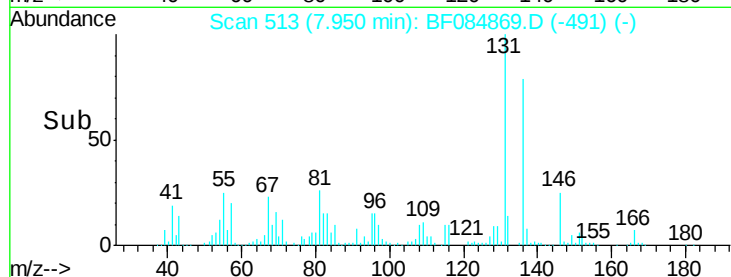
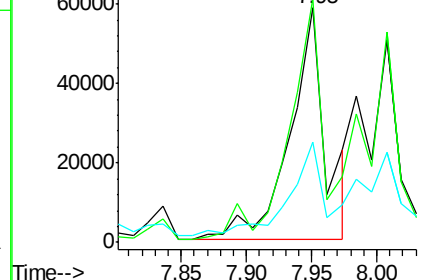
127 42.9 11.1 16.7#



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



#32

Benzoic acid

Concen: 3.96 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

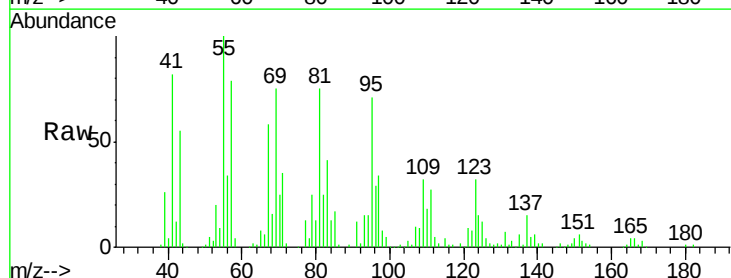
Tgt Ion:122 Resp: 21158

Ion Ratio Lower Upper

122 100

105 37.7 100.3 140.3#

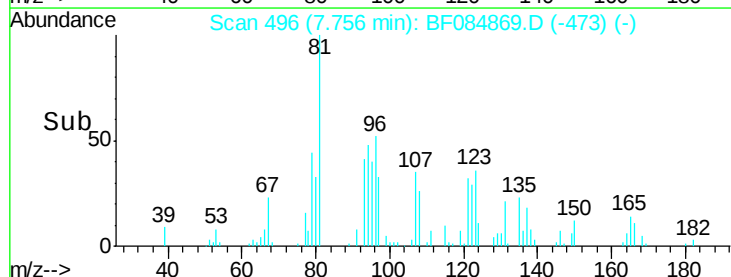
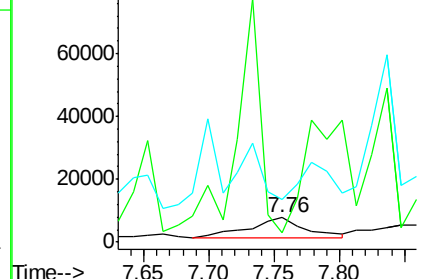
77 170.4 63.5 103.5#

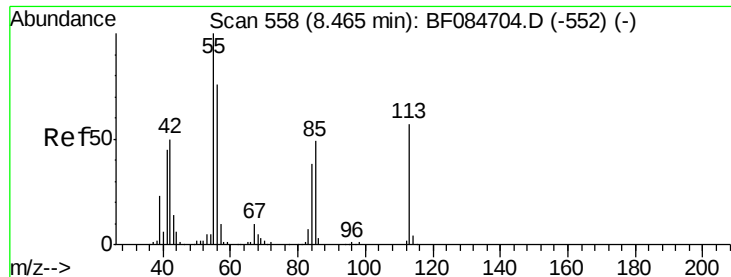


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#35

Caprolactam

Concen: 96.80 ng

RT: 8.41 min Scan# 553

Delta R.T. -0.03 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

Instrument :

BNA_F

ClientSampleId :

SUP-B006(20-22)

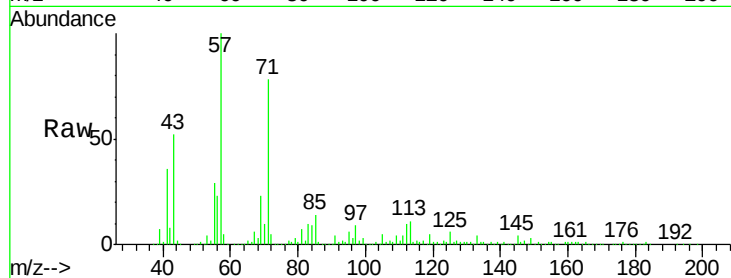
Tgt Ion:113 Resp: 213237

Ion Ratio Lower Upper

113 100

55 268.5 116.9 156.9#

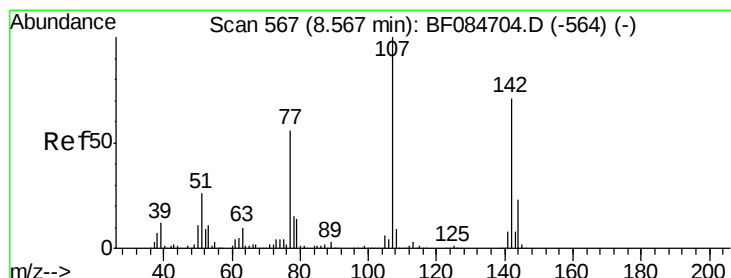
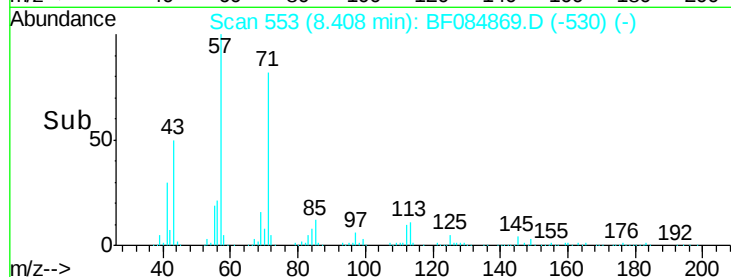
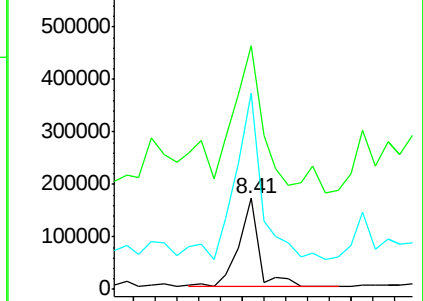
56 216.5 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 6.16 ng

RT: 8.49 min Scan# 560

Delta R.T. -0.06 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

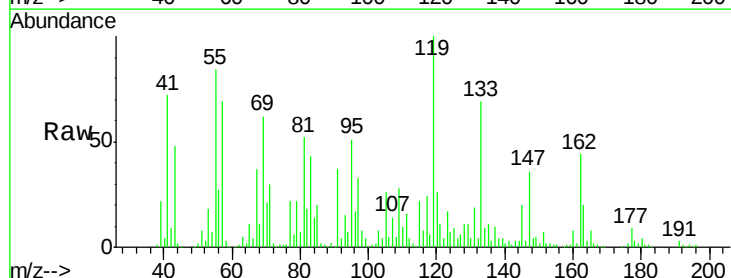
Tgt Ion:107 Resp: 50237

Ion Ratio Lower Upper

107 100

144 19.2 19.7 29.5#

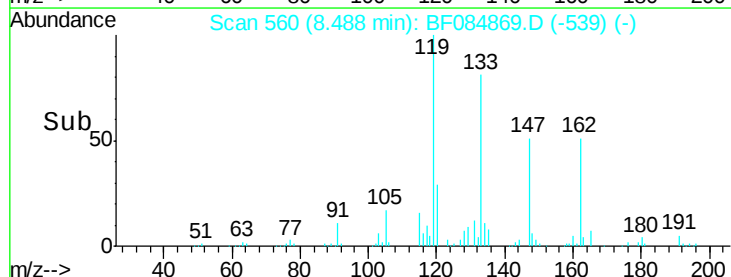
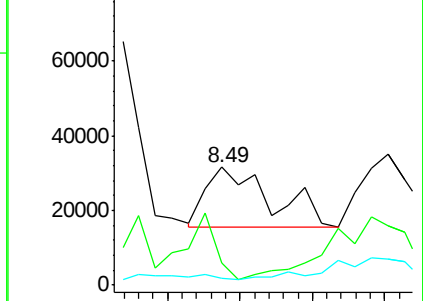
142 6.1 61.8 92.6#

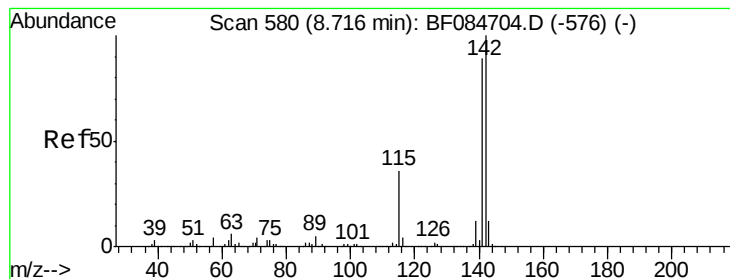


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

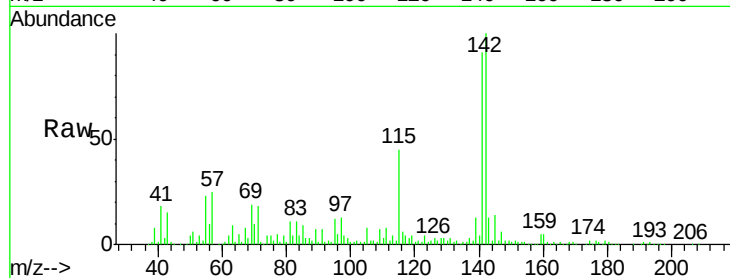




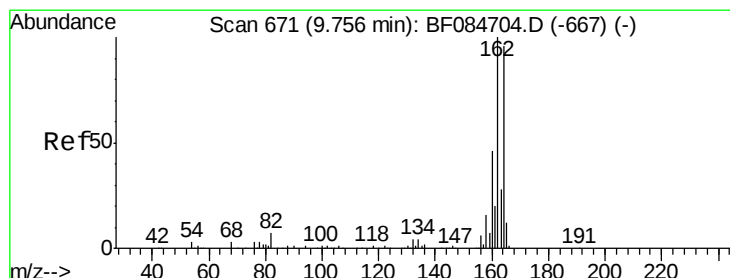
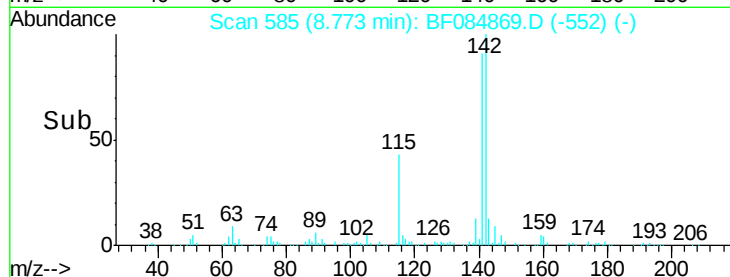
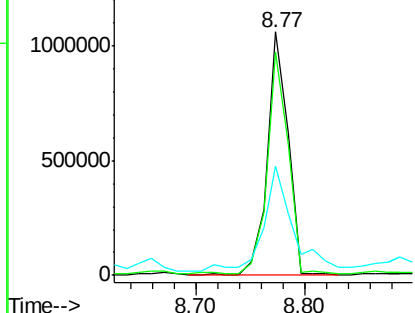
#37
 2-Methylnaphthalene
 Concen: 86.67 ng
 RT: 8.77 min Scan# 585
 Delta R.T. 0.08 min
 Lab File: BF084869.D
 Acq: 5 Feb 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B006(20-22)

Tgt Ion:142 Resp: 1393769
 Ion Ratio Lower Upper
 142 100
 141 91.4 72.4 108.6
 115 44.6 27.9 41.9#

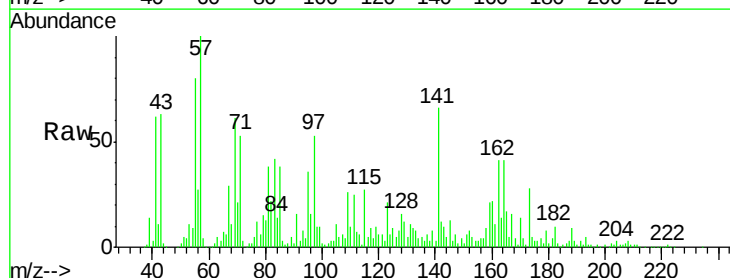


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

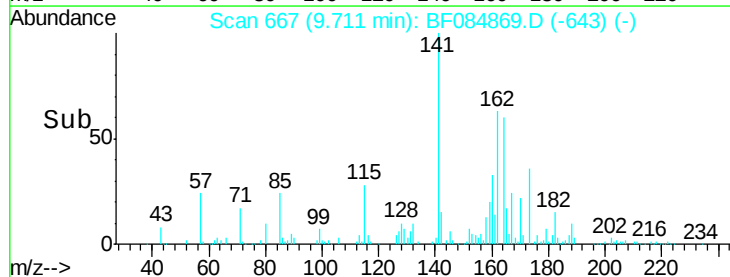
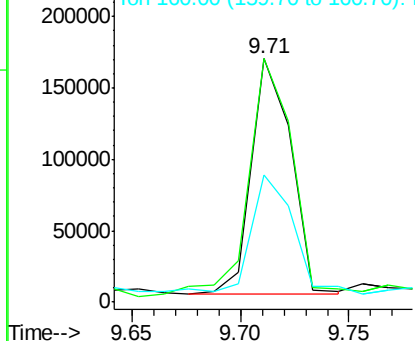


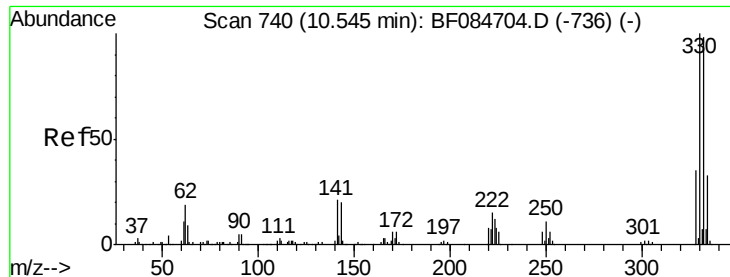
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF084869.D
 Acq: 5 Feb 2016 19:38

Tgt Ion:164 Resp: 208745
 Ion Ratio Lower Upper
 164 100
 162 100.1 85.1 127.7
 160 52.3 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

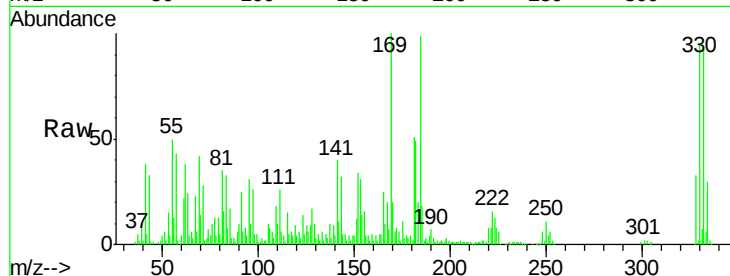




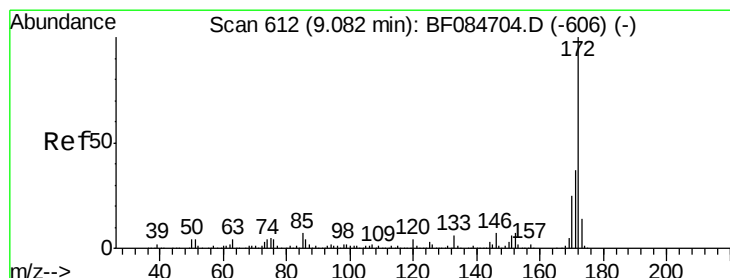
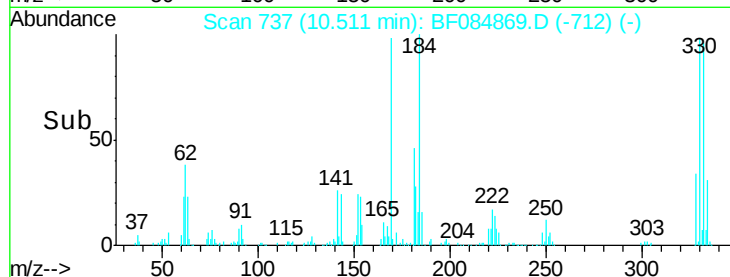
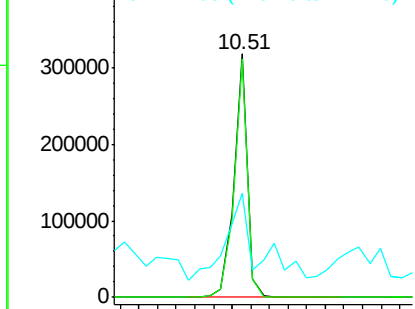
#41
 2,4,6-Tribromophenol
 Concen: 146.84 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084869.D
 Acq: 5 Feb 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B006(20-22)

Tgt Ion:330 Resp: 319738
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 62.4 27.8 41.6#

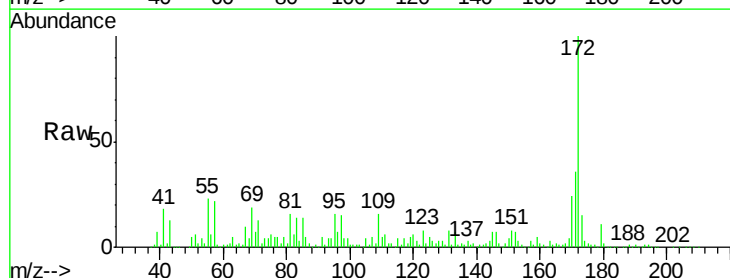


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

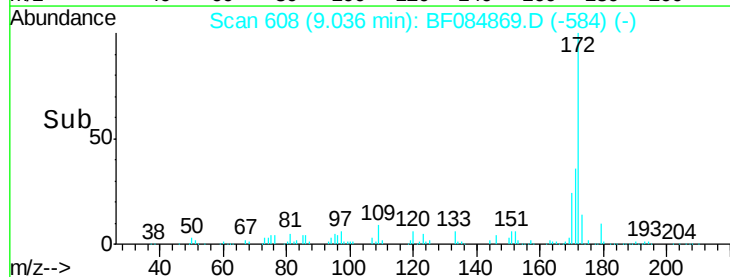
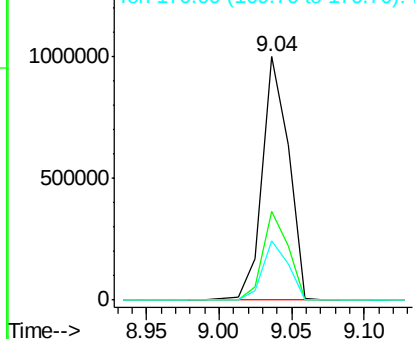


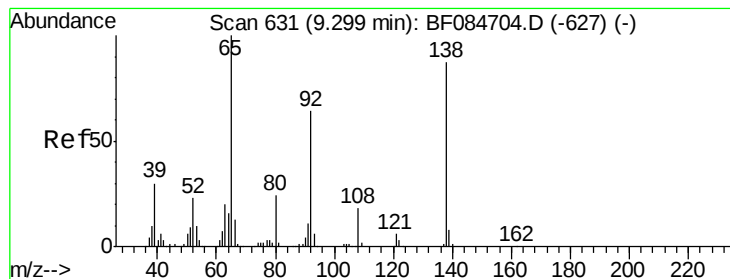
#44
 2-Fluorobiphenyl
 Concen: 115.31 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF084869.D
 Acq: 5 Feb 2016 19:38

Tgt Ion:172 Resp: 1259239
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.4 18.6 27.8



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





#47

2-Nitroaniline

Concen: 3.78 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

Instrument :

BNA_F

ClientSampleId :

SUP-B006(20-22)

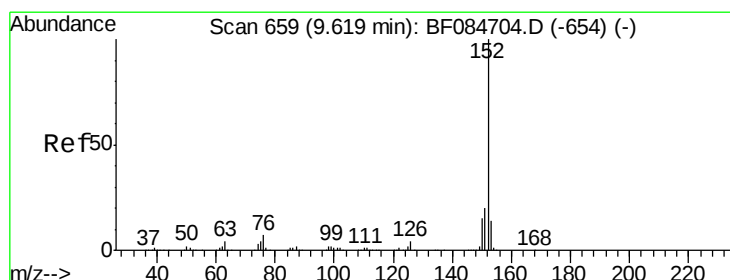
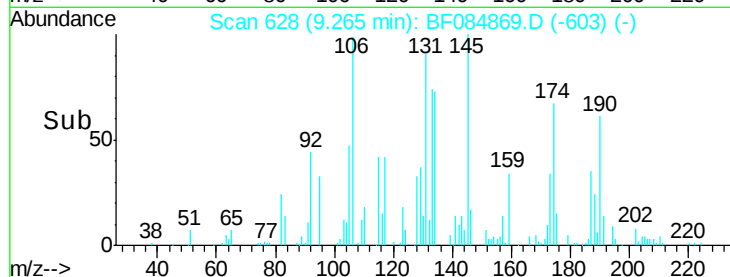
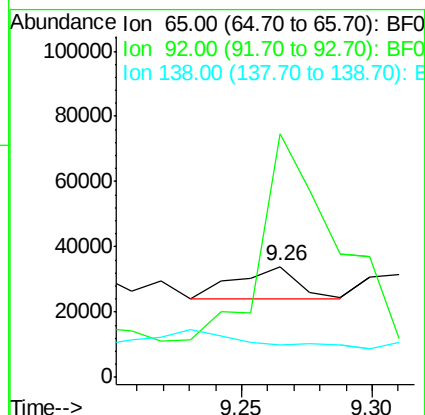
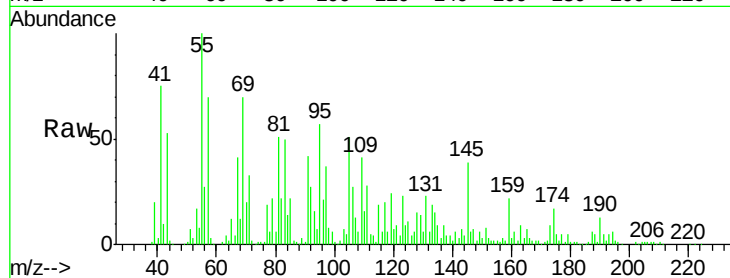
Tgt Ion: 65 Resp: 16454

Ion Ratio Lower Upper

65 100

92 219.6 53.4 80.2#

138 29.1 71.1 106.7#



#48

Acenaphthylene

Concen: 5.47 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

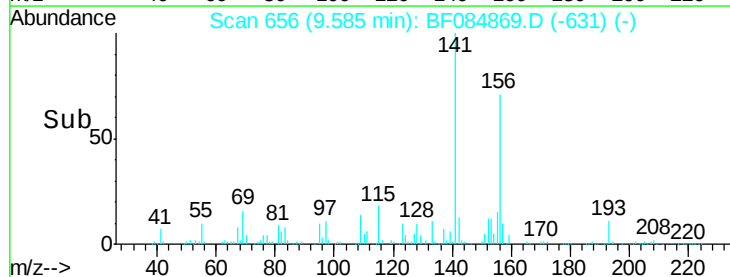
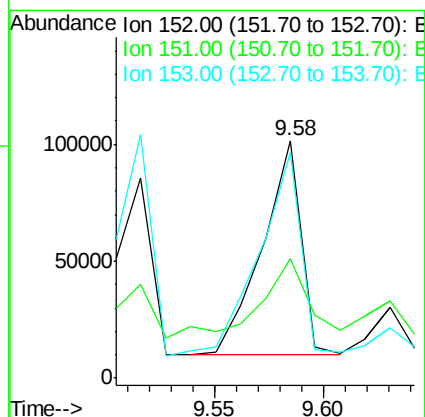
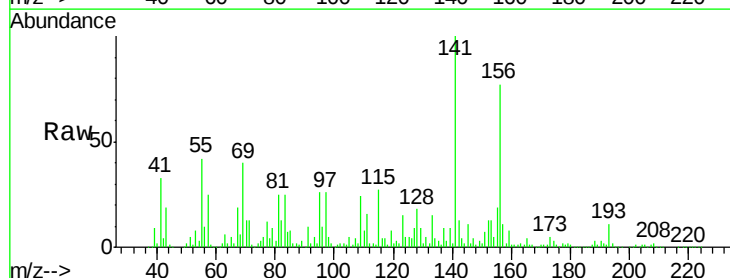
Tgt Ion: 152 Resp: 113944

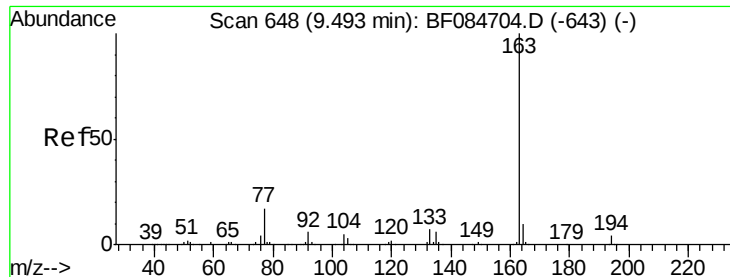
Ion Ratio Lower Upper

152 100

151 50.4 16.3 24.5#

153 95.3 10.4 15.6#

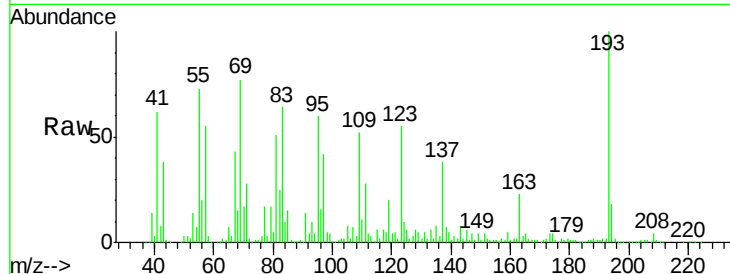




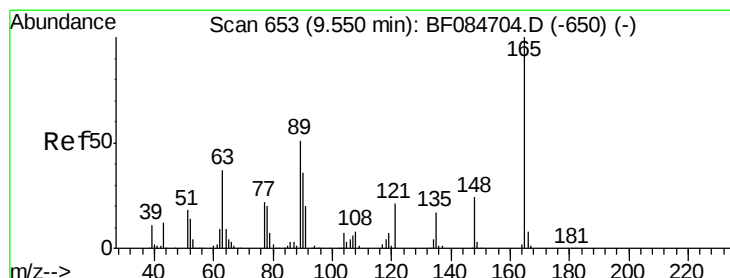
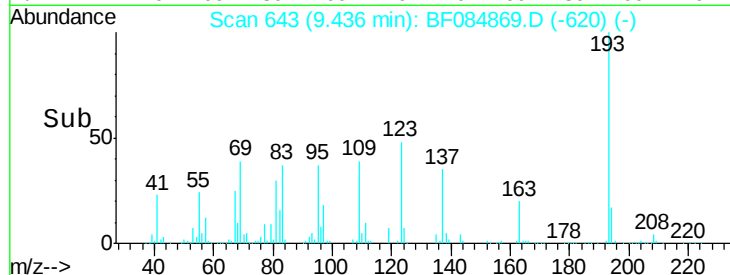
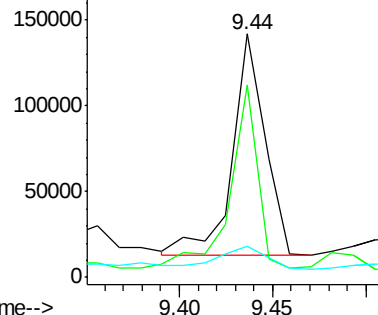
#49
Dimethylphthalate
Concen: 9.95 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF084869.D
Acq: 5 Feb 2016 19:38

Instrument :
BNA_F
ClientSampleId :
SUP-B006(20-22)

Tgt Ion:163 Resp: 158152
Ion Ratio Lower Upper
163 100
194 78.9 8.0 12.0#
164 12.8 8.0 12.0#

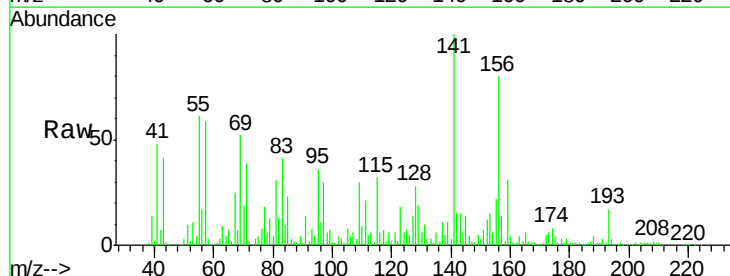


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

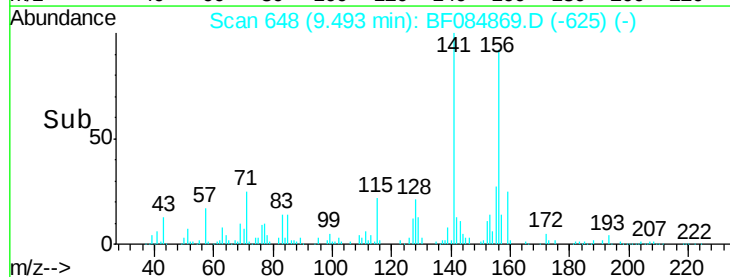
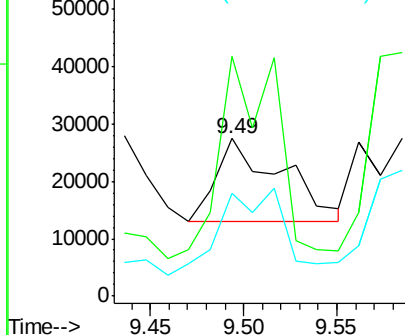


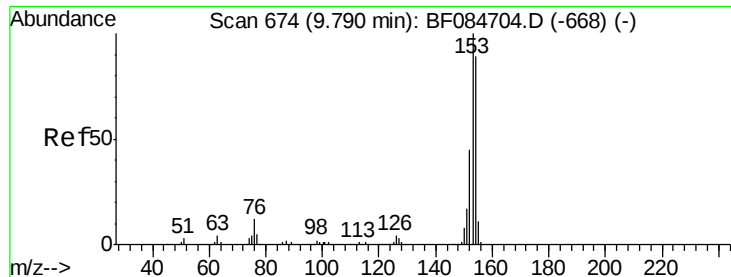
#50
2,6-Dinitrotoluene
Concen: 10.24 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.03 min
Lab File: BF084869.D
Acq: 5 Feb 2016 19:38

Tgt Ion:165 Resp: 35565
Ion Ratio Lower Upper
165 100
63 152.2 28.8 43.2#
89 65.3 35.1 52.7#



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: 19.13 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

Instrument :

BNA_F

ClientSampleId :

SUP-B006(20-22)

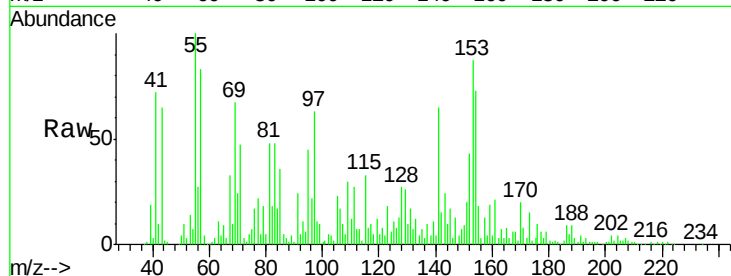
Tgt Ion:154 Resp: 259330

Ion Ratio Lower Upper

154 100

153 119.7 91.5 137.3

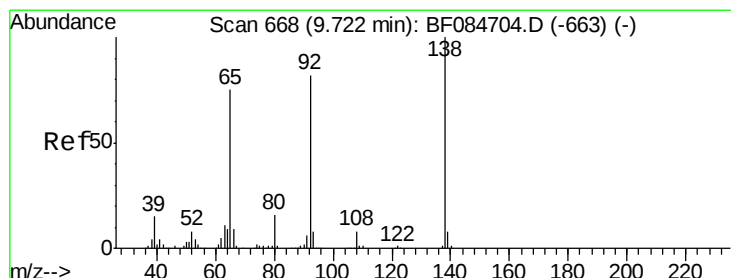
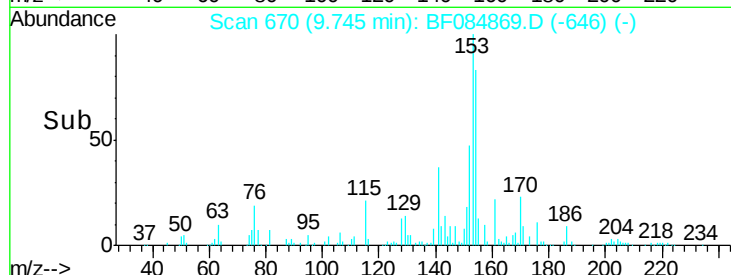
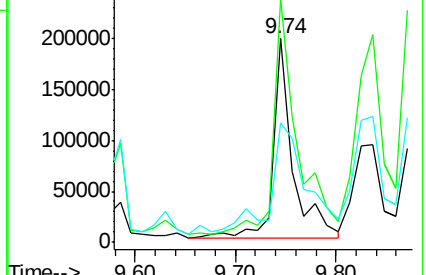
152 58.6 43.0 64.6



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



#52

3-Nitroaniline

Concen: 4.91 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

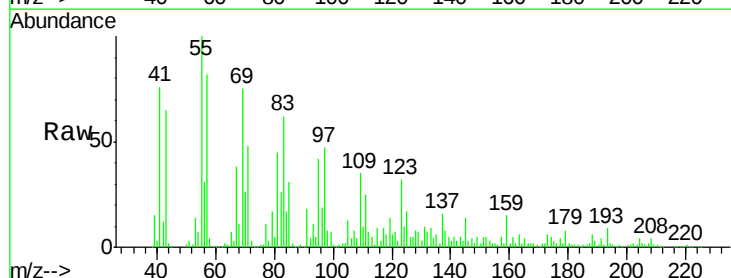
Tgt Ion:138 Resp: 19171

Ion Ratio Lower Upper

138 100

108 53.2 10.5 15.7#

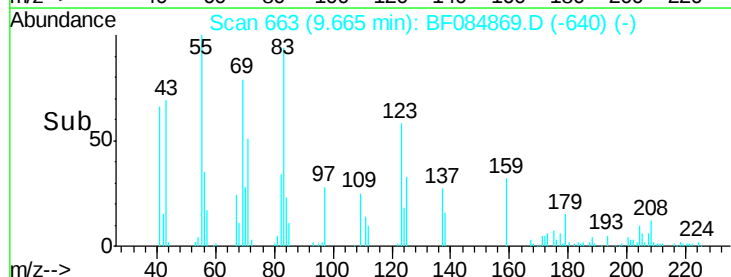
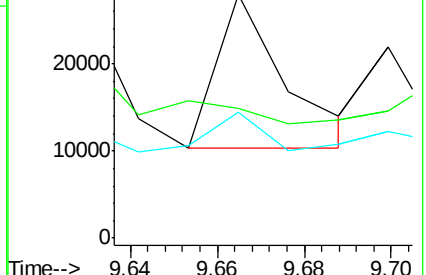
92 51.7 103.9 155.9#

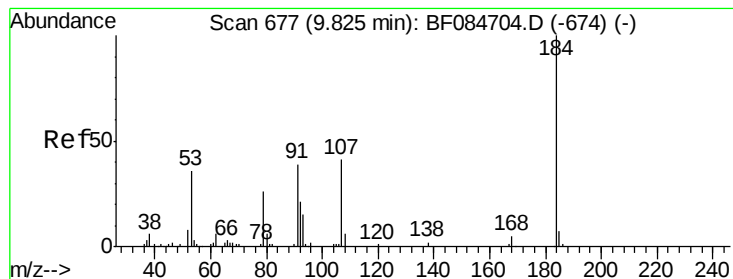


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 6.81 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

Instrument :

BNA_F

ClientSampleId :

SUP-B006(20-22)

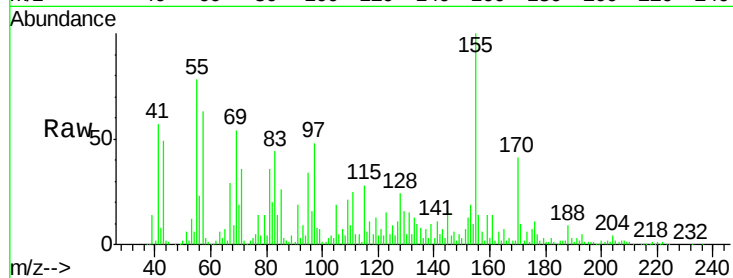
Tgt Ion:184 Resp: 1747

Ion Ratio Lower Upper

184 100

63 2210.4 43.1 64.7#

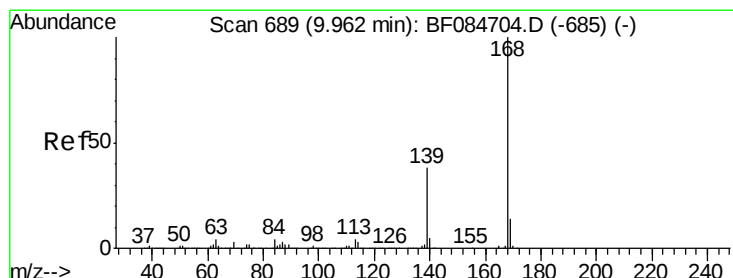
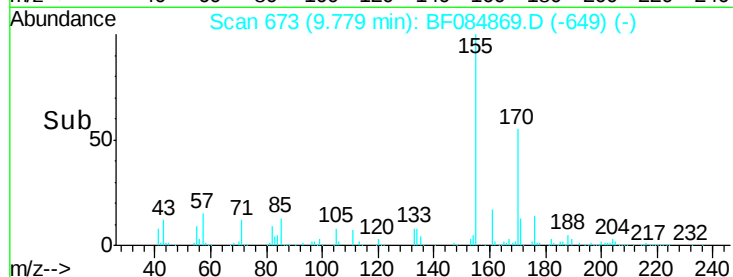
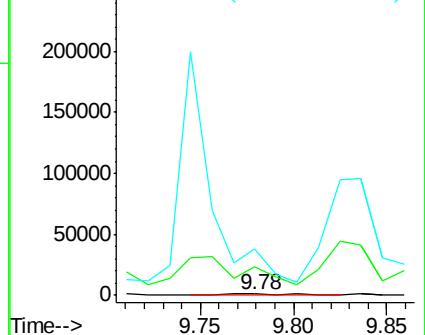
154 3562.7 60.5 90.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 14.18 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.02 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

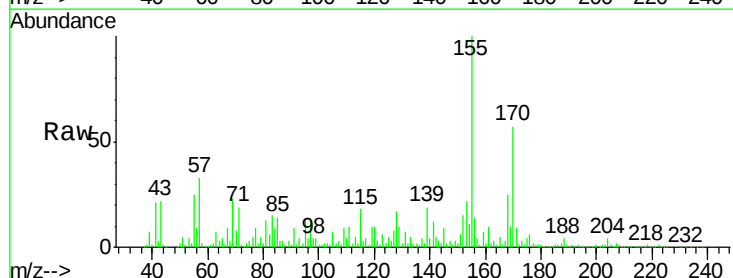
Tgt Ion:168 Resp: 235002

Ion Ratio Lower Upper

168 100

139 74.8 30.5 45.7#

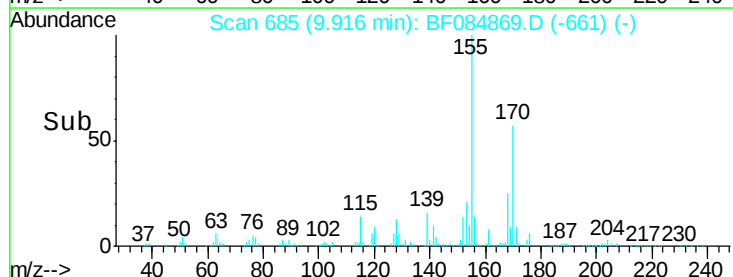
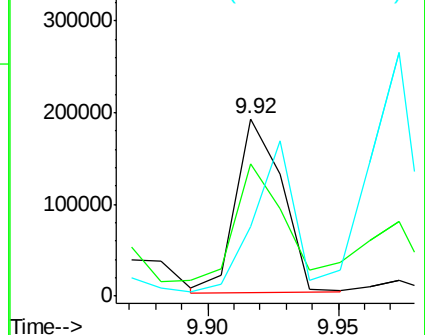
169 39.4 10.4 15.6#

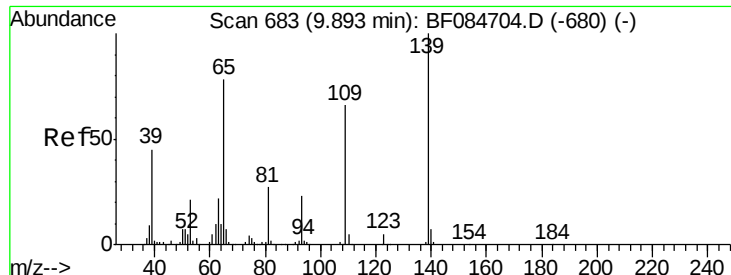


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

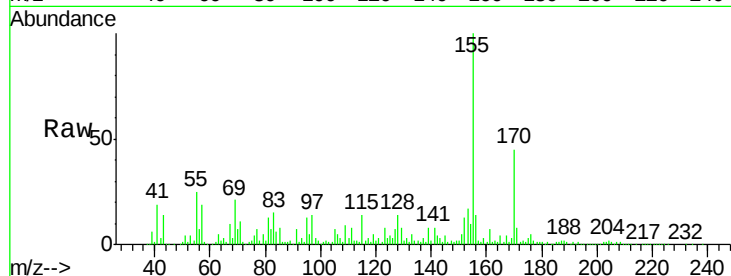




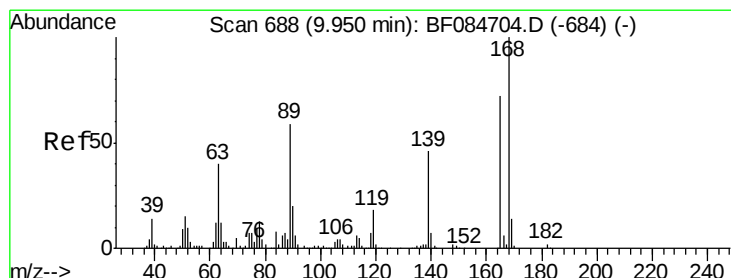
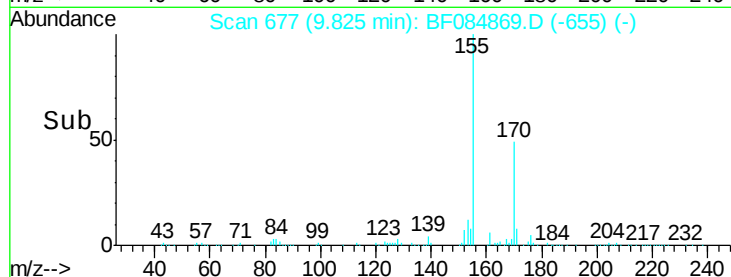
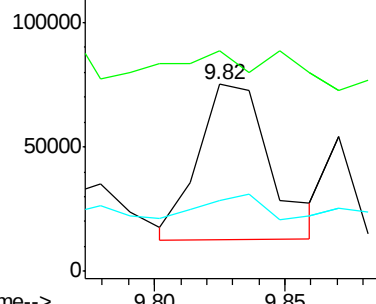
#55
4-Nitrophenol
Concen: 42.20 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.05 min
Lab File: BF084869.D
Acq: 5 Feb 2016 19:38

Instrument :
BNA_F
ClientSampleId :
SUP-B006(20-22)

Tgt Ion:139 Resp: 121056
Ion Ratio Lower Upper
139 100
109 117.6 58.5 98.5#
65 38.0 57.6 97.6#

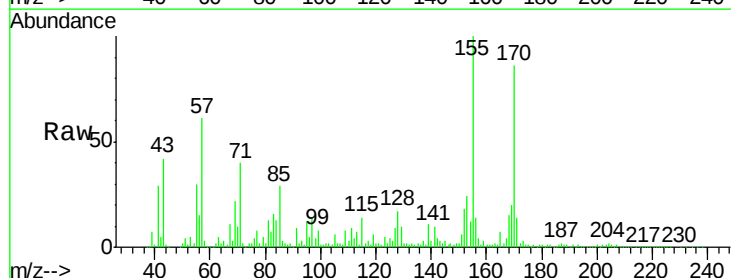


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

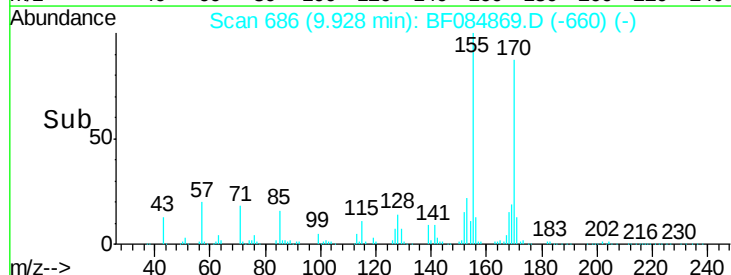
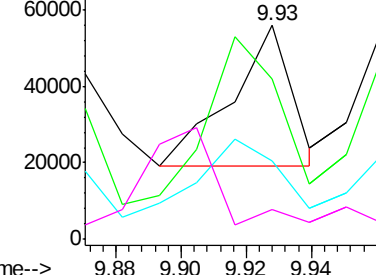


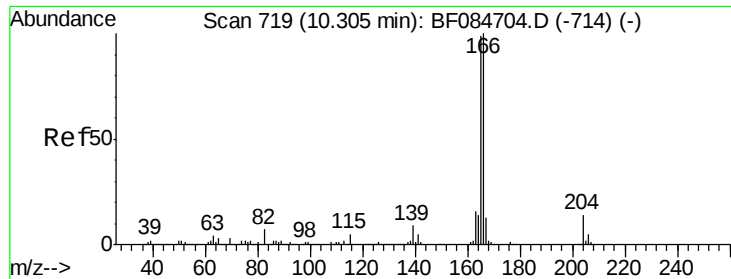
#56
2,4-Dinitrotoluene
Concen: 10.84 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF084869.D
Acq: 5 Feb 2016 19:38

Tgt Ion:165 Resp: 48019
Ion Ratio Lower Upper
165 100
63 75.0 36.7 55.1#
89 36.6 61.9 92.9#
182 13.5 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

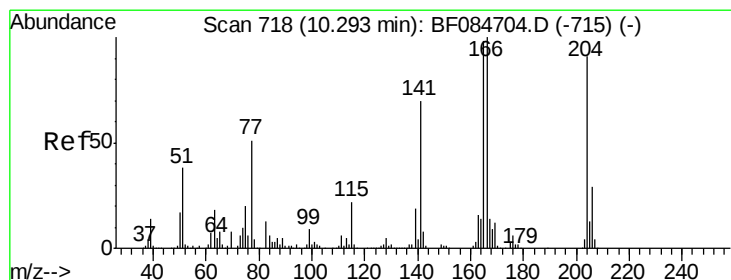
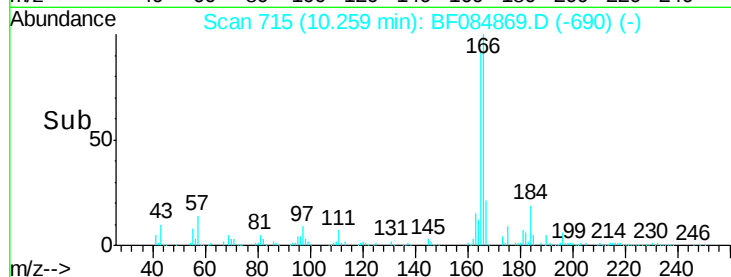
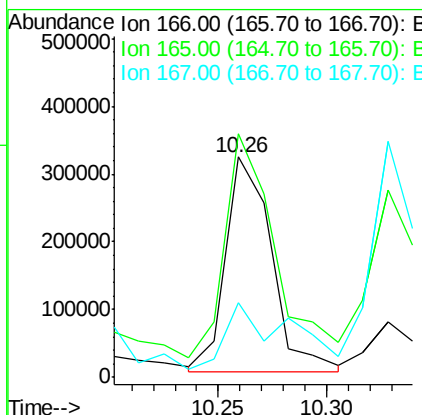
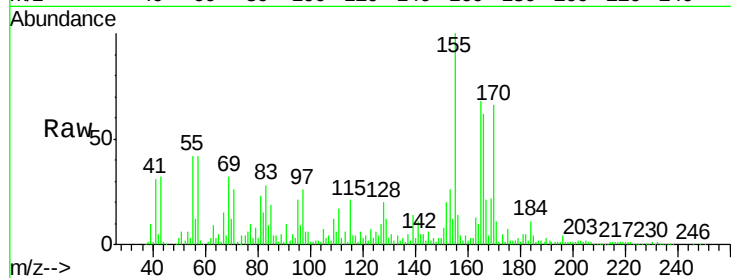




#57
Fluorene
 Concen: 33.63 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF084869.D
 Acq: 5 Feb 2016 19:38

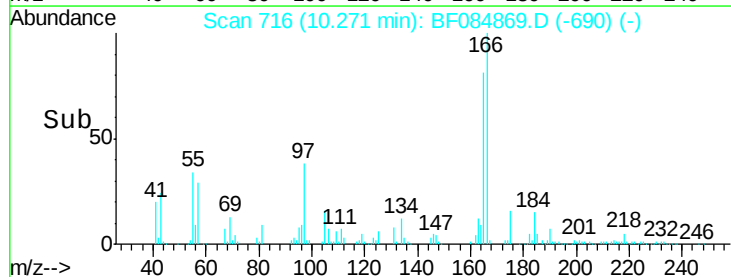
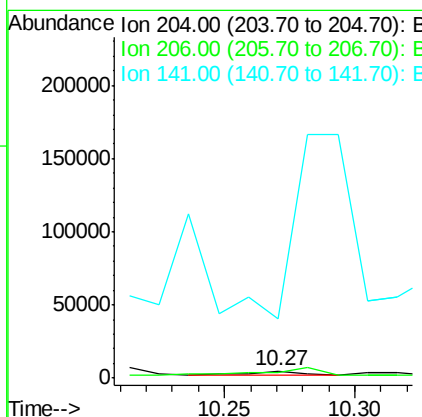
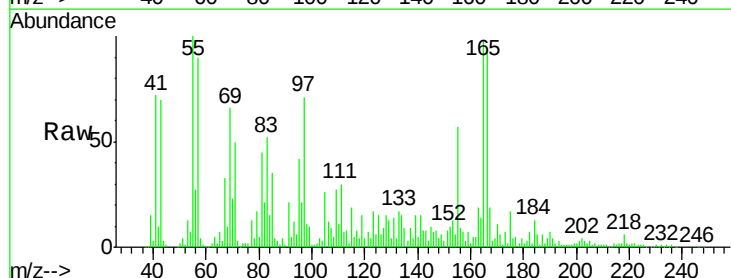
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B006(20-22)

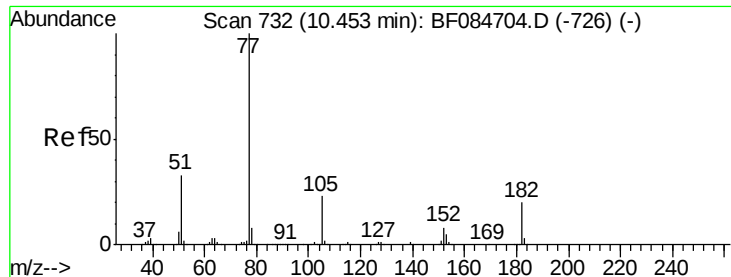
Tgt Ion:166 Resp: 465238
 Ion Ratio Lower Upper
 166 100
 165 110.4 79.1 118.7
 167 33.9 10.4 15.6#



#60
4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 10.27 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF084869.D
 Acq: 5 Feb 2016 19:38

Tgt Ion:204 Resp: 4131
 Ion Ratio Lower Upper
 204 100
 206 75.9 25.7 38.5#
 141 817.1 55.1 82.7#





#62

Azobenzene

Concen: 3.81 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

Instrument :

BNA_F

ClientSampleId :

SUP-B006(20-22)

Tgt Ion: 77 Resp: 56880

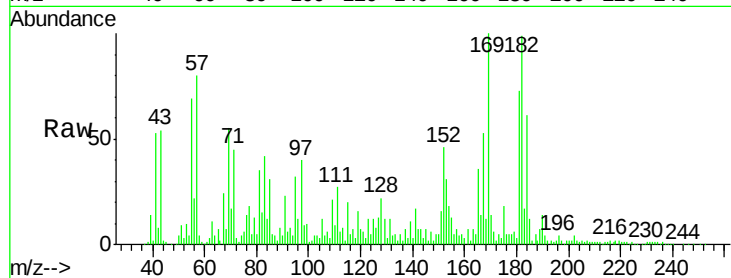
Ion Ratio Lower Upper

77 100

182 558.5 8.3 48.3#

105 69.1 4.6 44.6#

51 53.4 6.2 46.2#

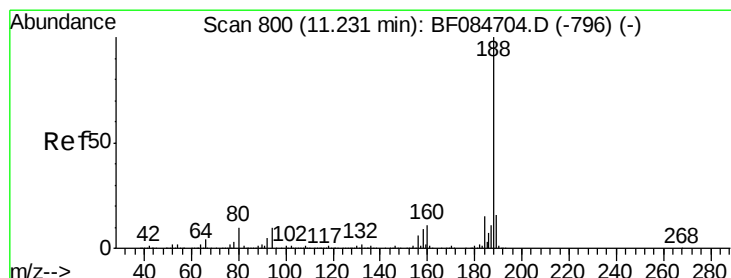
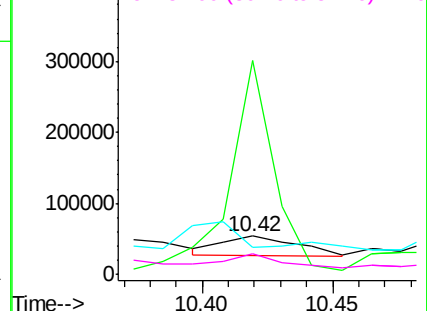
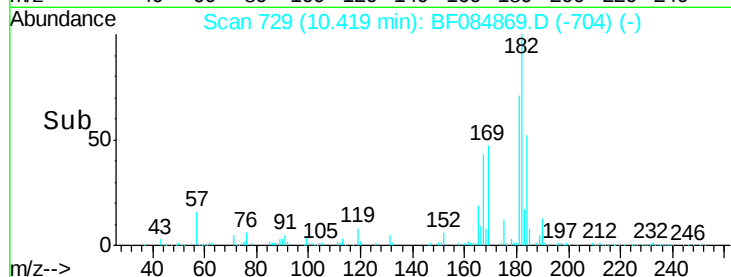


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

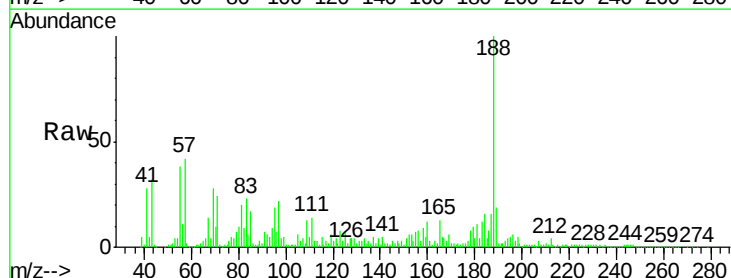
Tgt Ion: 188 Resp: 427454

Ion Ratio Lower Upper

188 100

94 9.0 9.0 13.4

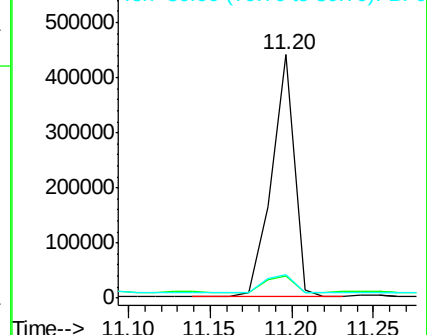
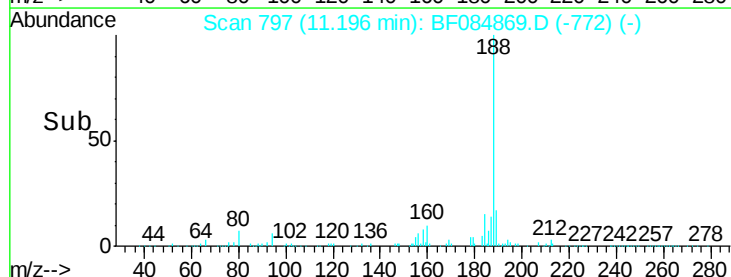
80 9.5 9.6 14.4#

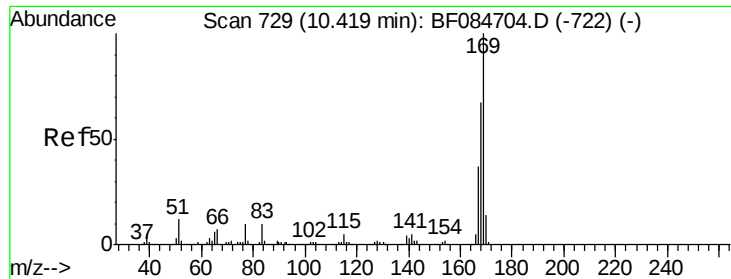


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

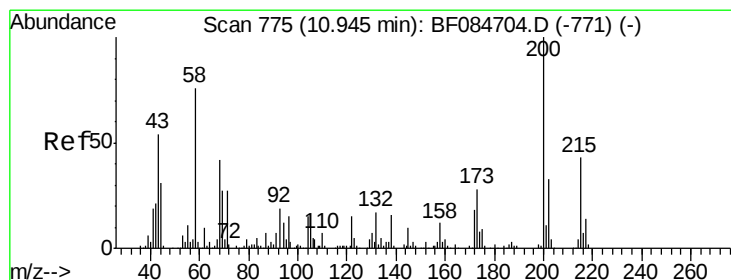
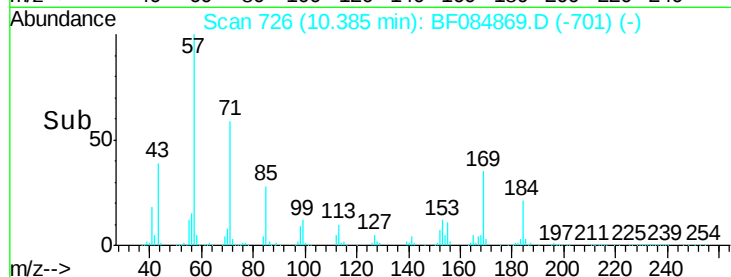
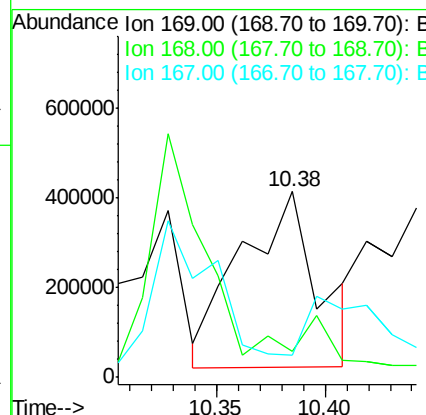
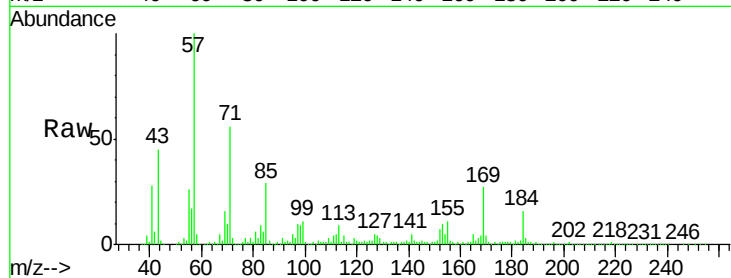




#65
n-Nitrosodiphenylamine
Concen: 71.67 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF084869.D
Acq: 5 Feb 2016 19:38

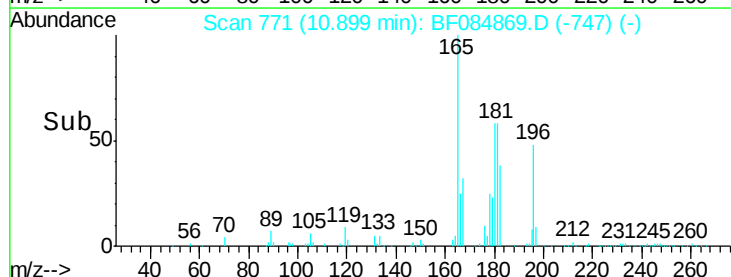
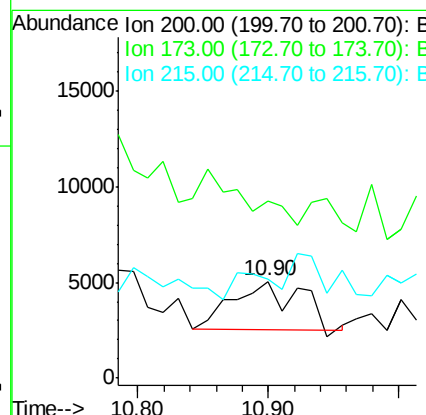
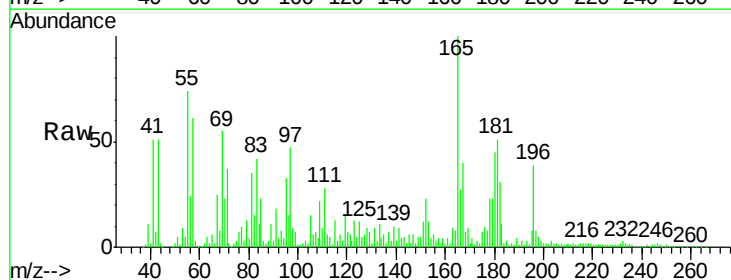
Instrument :
BNA_F
ClientSampleId :
SUP-B006(20-22)

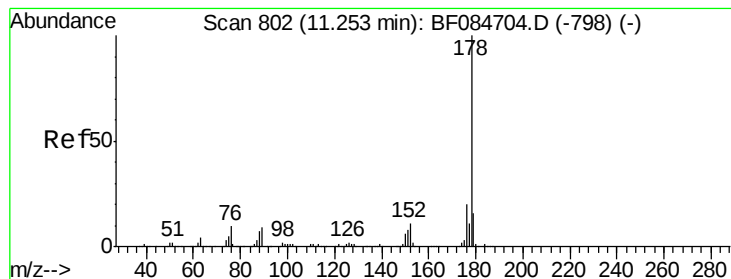
Tgt Ion:169 Resp: 972778
Ion Ratio Lower Upper
169 100
168 13.8 55.1 82.7#
167 12.0 30.0 45.0#



#68
Atrazine
Concen: 2.09 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF084869.D
Acq: 5 Feb 2016 19:38

Tgt Ion:200 Resp: 8945
Ion Ratio Lower Upper
200 100
173 183.7 9.5 49.5#
215 102.3 23.8 63.8#





#70

Phenanthrene

Concen: 21.67 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

Instrument :

BNA_F

ClientSampleId :

SUP-B006(20-22)

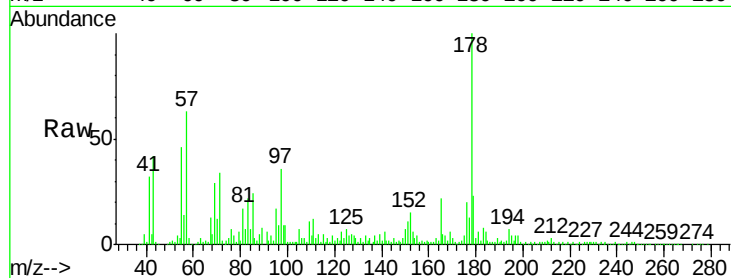
Tgt Ion:178 Resp: 513647

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

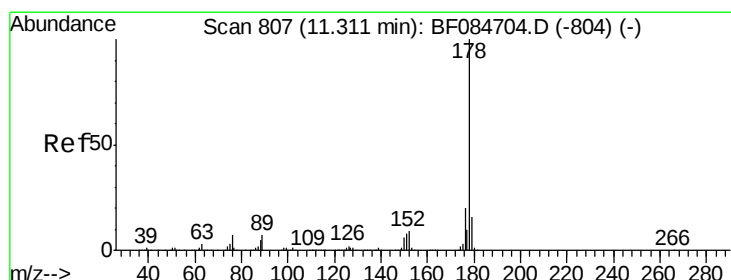
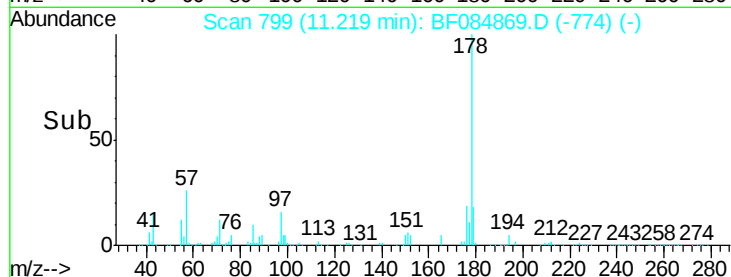
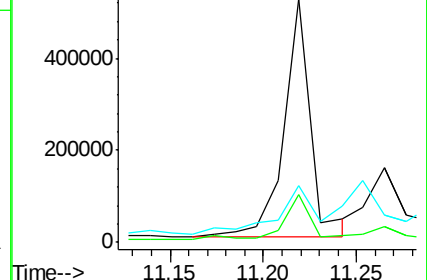
179 23.2 12.0 18.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 8.01 ng

RT: 11.27 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

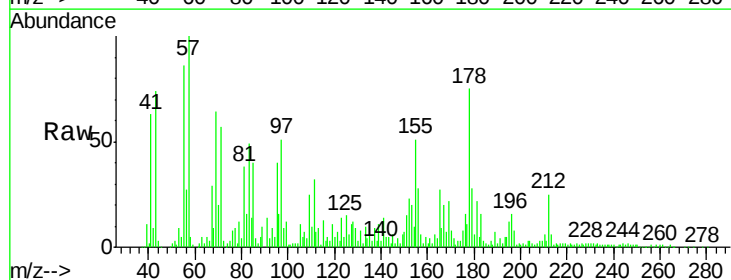
Tgt Ion:178 Resp: 191346

Ion Ratio Lower Upper

178 100

176 21.6 15.4 23.0

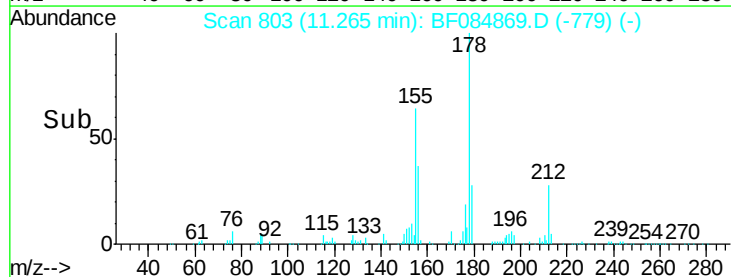
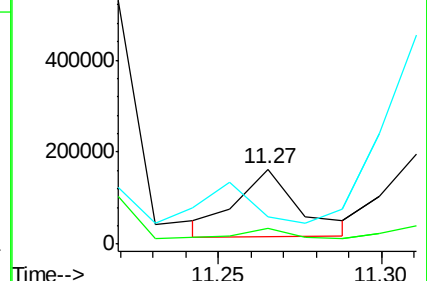
179 36.8 12.5 18.7#

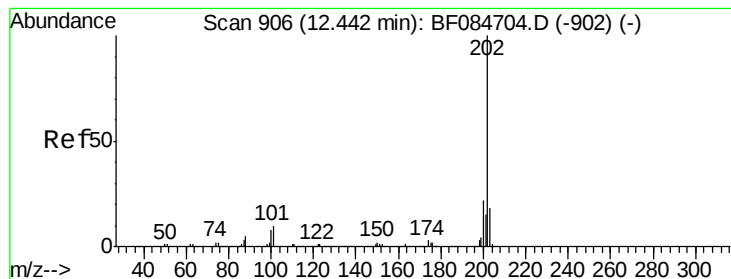


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 17.06 ng

RT: 12.40 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

Instrument :

BNA_F

ClientSampleId :

SUP-B006(20-22)

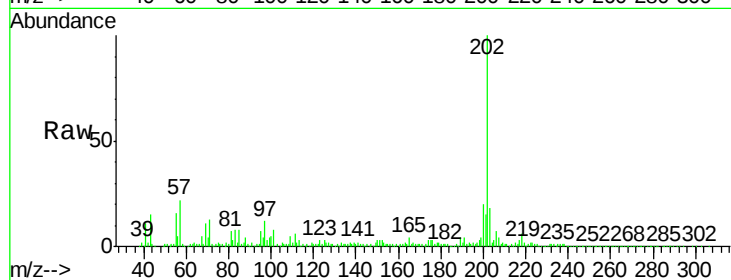
Tgt Ion:202 Resp: 409258

Ion Ratio Lower Upper

202 100

101 7.6 0.0 32.8

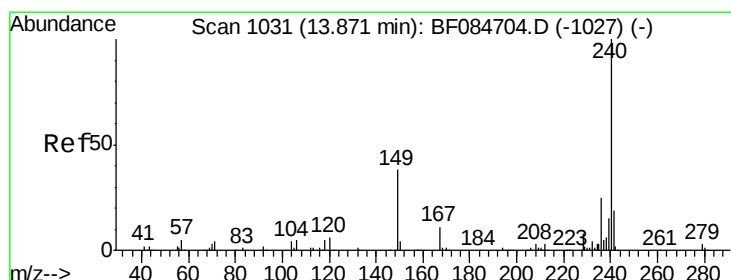
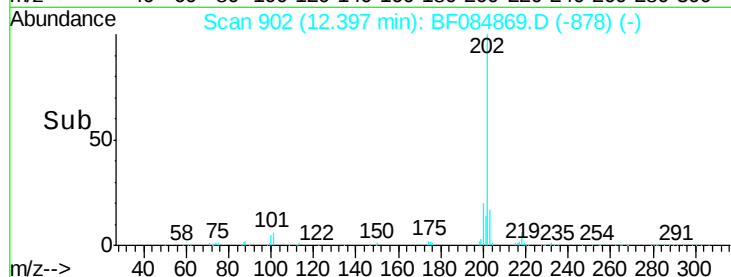
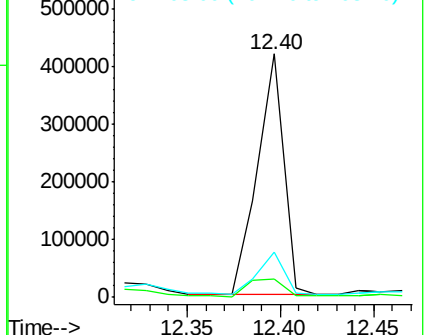
203 18.3 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

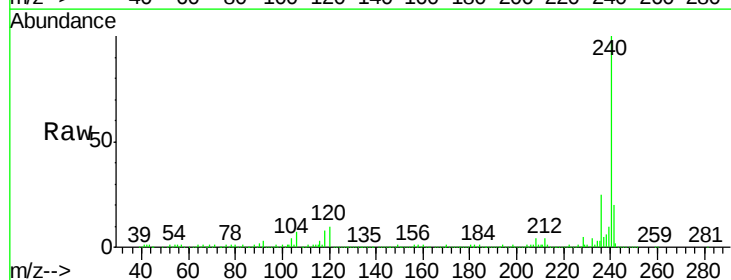
Tgt Ion:240 Resp: 402083

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

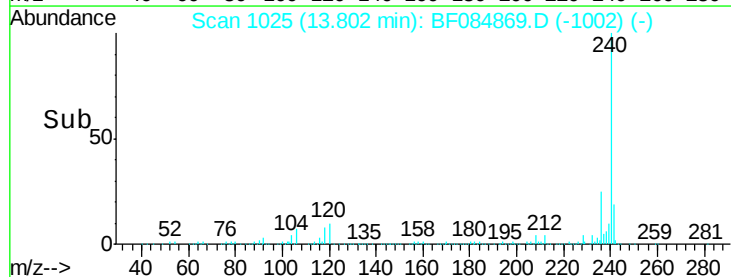
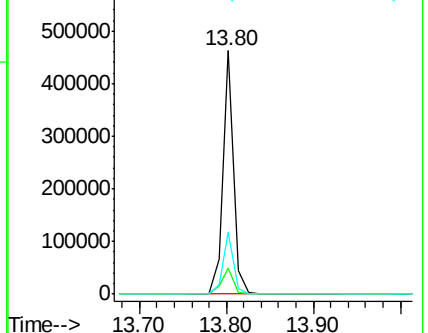
236 25.2 20.6 31.0

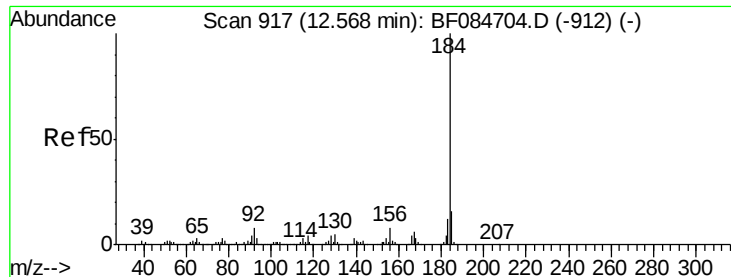


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 7.08 ng

RT: 12.55 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

Instrument :

BNA_F

ClientSampleId :

SUP-B006(20-22)

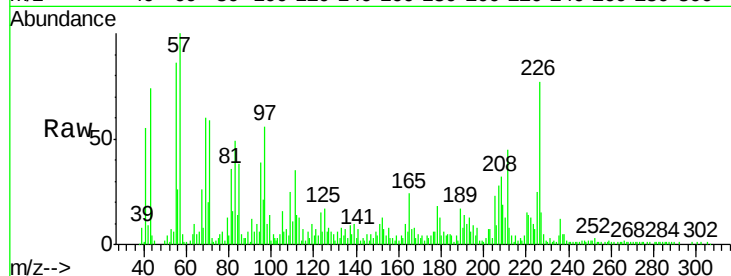
Tgt Ion:184 Resp: 3950

Ion Ratio Lower Upper

184 100

185 67.1 12.2 18.2#

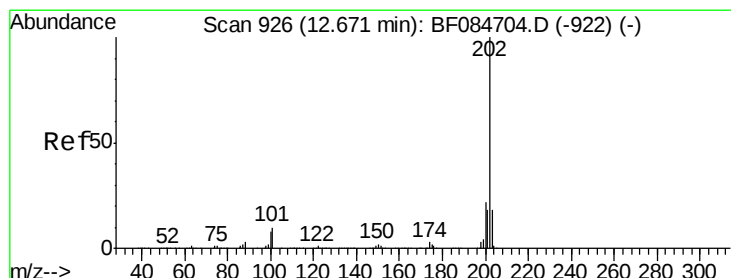
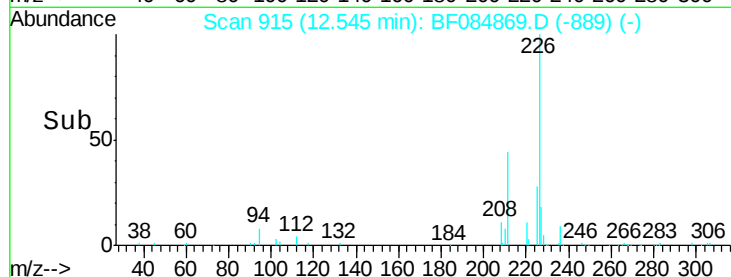
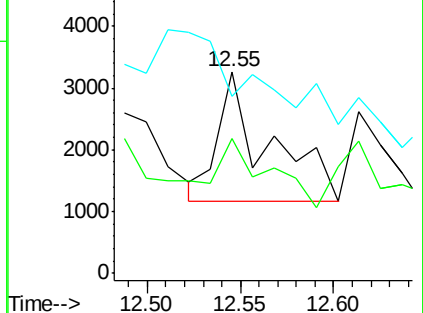
183 87.7 9.8 14.8#



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



#77

Pyrene

Concen: 13.20 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

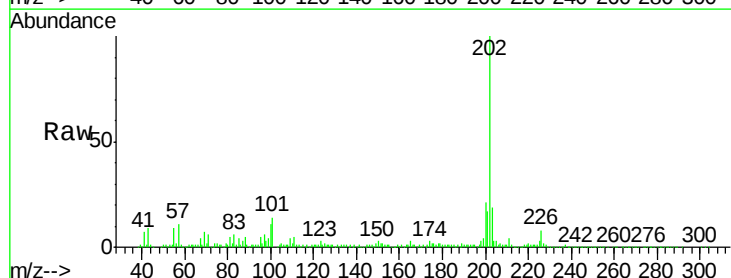
Tgt Ion:202 Resp: 406395

Ion Ratio Lower Upper

202 100

200 20.7 17.2 25.8

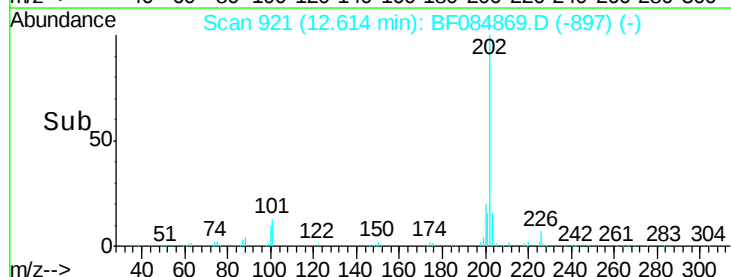
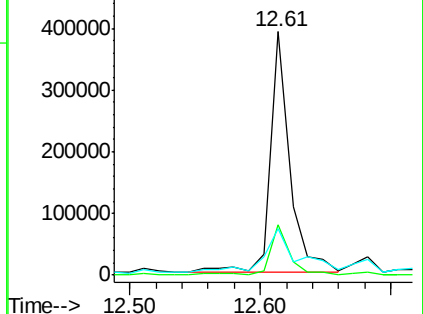
203 19.3 14.3 21.5

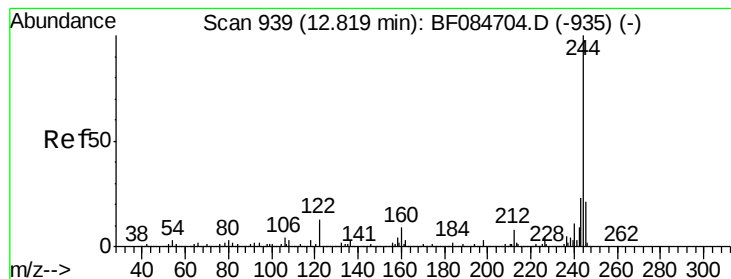


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 77.49 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

Instrument :

BNA_F

ClientSampleId :

SUP-B006(20-22)

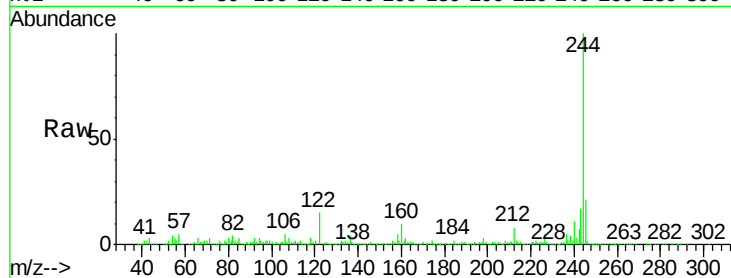
Tgt Ion:244 Resp: 1374981

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

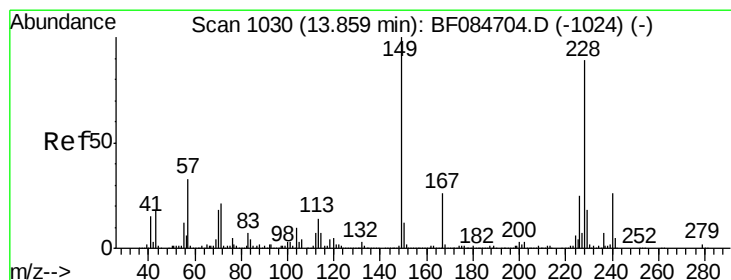
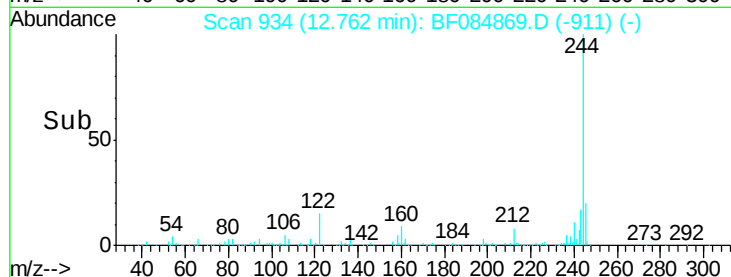
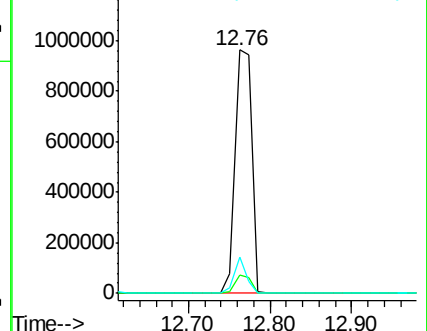
122 15.1 7.4 11.0#



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: 3.79 ng

RT: 13.79 min Scan# 1024

Delta R.T. -0.03 min

Lab File: BF084869.D

Acq: 5 Feb 2016 19:38

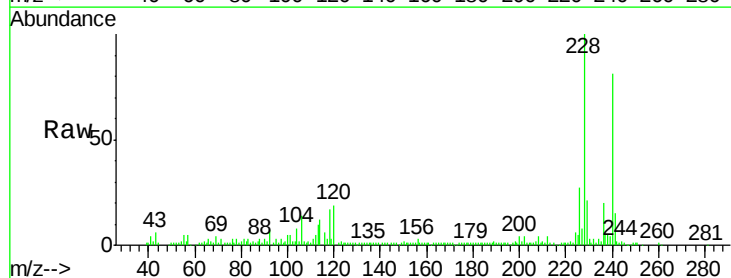
Tgt Ion:228 Resp: 94653

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.6

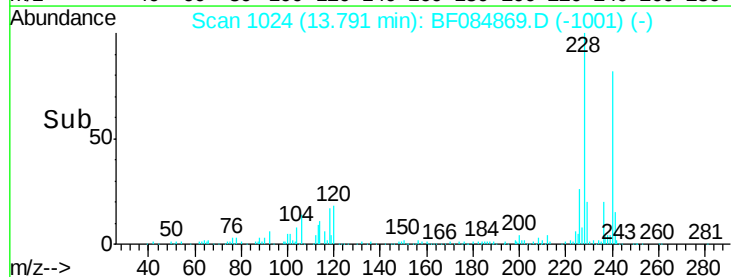
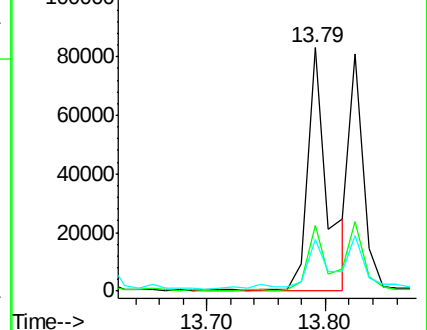
229 21.2 15.8 23.8

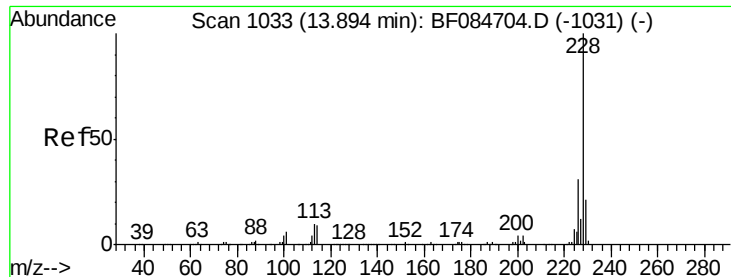


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

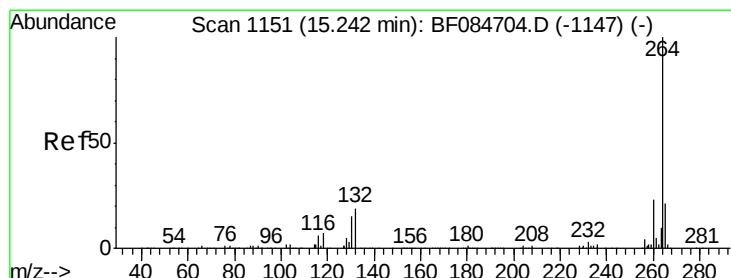
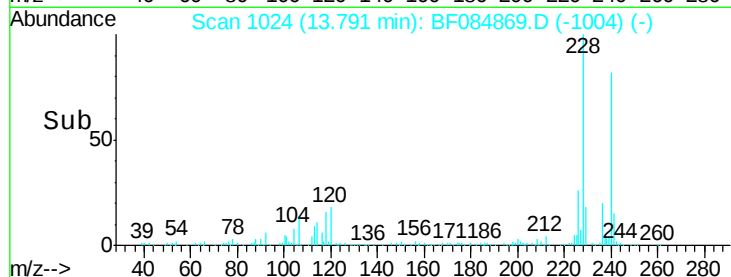
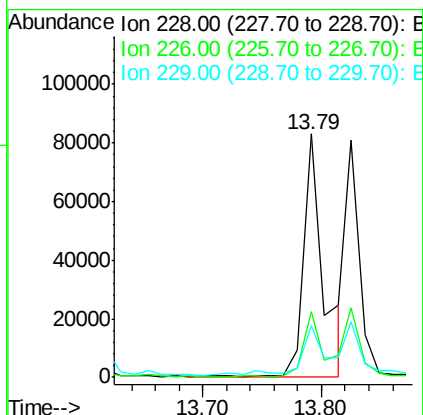
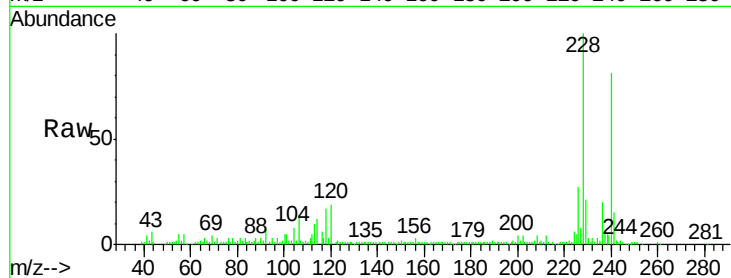




#82
Chrysene
Concen: 3.91 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.07 min
Lab File: BF084869.D
Acq: 5 Feb 2016 19:38

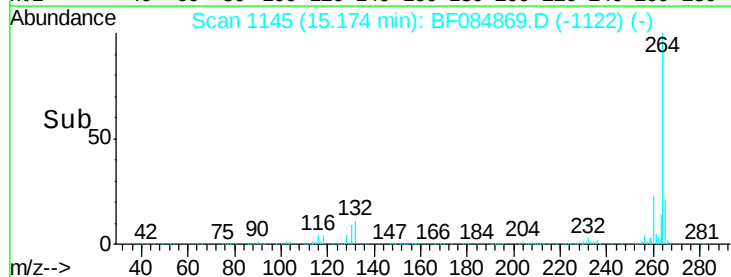
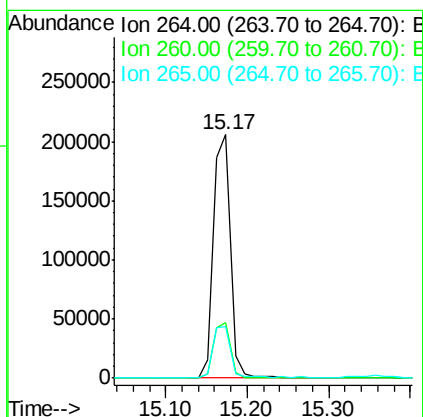
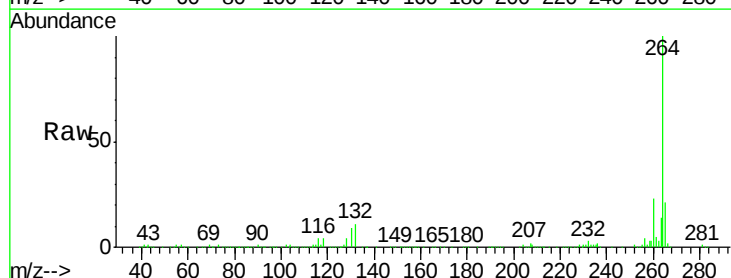
Instrument :
BNA_F
ClientSampleId :
SUP-B006(20-22)

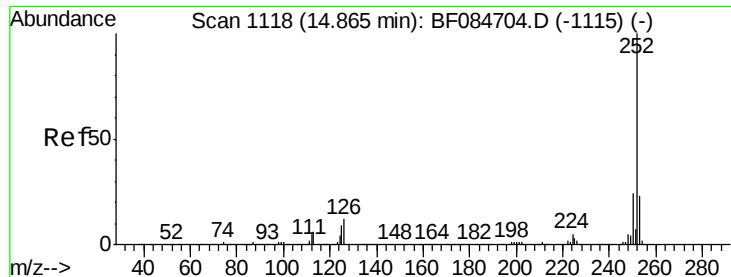
Tgt Ion:228 Resp: 94653
Ion Ratio Lower Upper
228 100
226 26.8 24.3 36.5
229 21.2 16.1 24.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084869.D
Acq: 5 Feb 2016 19:38

Tgt Ion:264 Resp: 300396
Ion Ratio Lower Upper
264 100
260 22.8 19.4 29.2
265 21.2 17.8 26.6

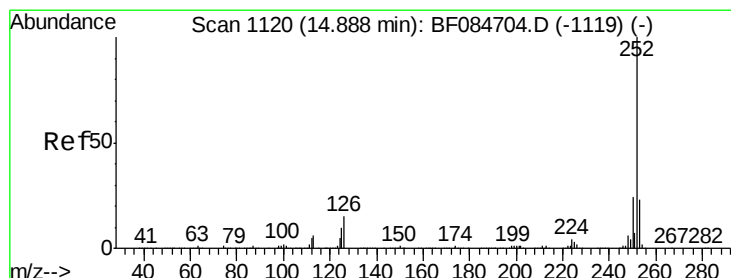
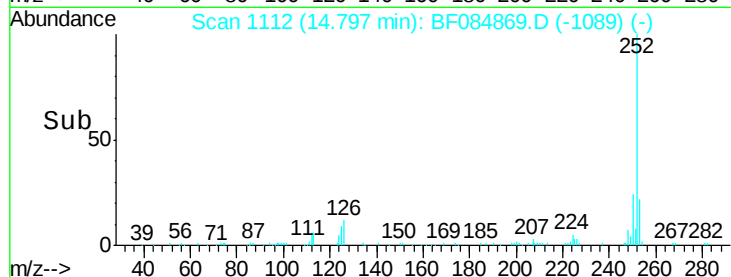
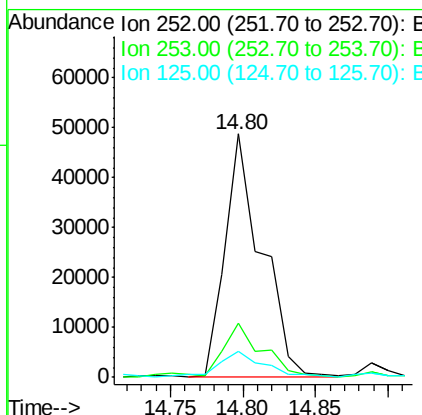
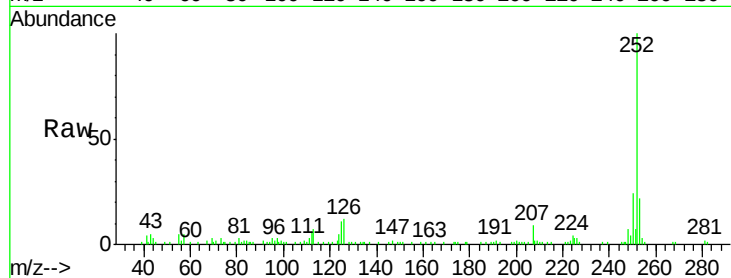




#87
Benzo(b)fluoranthene
Concen: 4.25 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.03 min
Lab File: BF084869.D
Acq: 5 Feb 2016 19:38

Instrument :
BNA_F
ClientSampleId :
SUP-B006(20-22)

Tgt Ion:252 Resp: 85776
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 10.8 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 5.14 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.06 min
Lab File: BF084869.D
Acq: 5 Feb 2016 19:38

Tgt Ion:252 Resp: 85776
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 10.8 9.0 13.6

