

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF085003.D
 Acq On : 10 Feb 2016 20:00
 Operator : SJ/IZ
 Sample : H1373-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYS-DIS-020516

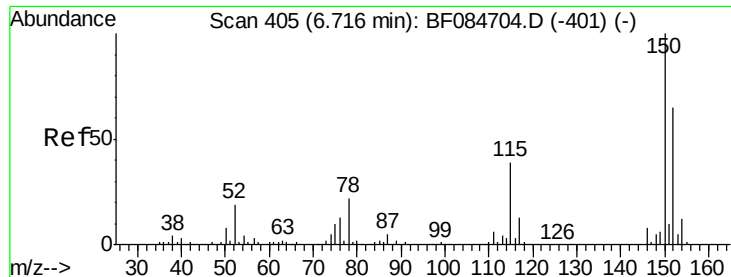
Quant Time: Feb 11 00:22:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	142188	20.00	ng	0.02
21) Naphthalene-d8	7.92	136	578005	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	234253	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	383000	20.00	ng	0.00
75) Chrysene-d12	13.77	240	304198	20.00	ng	0.00
86) Perylene-d12	15.13	264	257873	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	219271	24.02	ng	0.03
7) Phenol-d6	6.41	99	19856	1.75	ng	0.13
23) Nitrobenzene-d5	7.21	82	1037449	101.11	ng	0.01
41) 2,4,6-Tribromophenol	10.46	330	231006	94.54	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1721205	-20.00	ng	0.01
78) Terphenyl-d14	12.73	244	868977	64.73	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.10	88	18272	4.57	ng	# 65
3) Pyridine	2.74	79	393418	37.76	ng	# 78
4) n-Nitrosodimethylamine	2.90	42	10994	2.04	ng	# 1
6) Aniline	6.44	93	34640168	2501.48	ng	93
8) 2-Chlorophenol	6.49	128	26038	2.52	ng	# 75
10) Phenol	6.44	94	3270663	257.98	ng	# 1
11) bis(2-Chloroethyl)ether	6.44	93	34640168	3503.88	ng	# 32
12) 1,3-Dichlorobenzene	6.59	146	155795	14.27	ng	# 92
13) 1,4-Dichlorobenzene	6.67	146	1817103	166.50	ng	98
14) 1,2-Dichlorobenzene	6.82	146	2602972	256.08	ng	96
15) Benzyl Alcohol	6.80	79	16696	2.14	ng	# 45
17) 2-Methylphenol	7.05	107	235499	28.82	ng	# 34
18) Hexachloroethane	7.39	117	532737	126.76	ng	# 1
19) n-Nitroso-di-n-propylamine	7.21	70	142843	20.14	ng	# 72
20) 3+4-Methylphenols	7.05	107	235505	23.22	ng	# 31
24) Nitrobenzene	7.39	77	13621441	1239.70	ng	# 41
25) Isophorone	7.21	82	841853	42.19	ng	# 66
31) Naphthalene	7.94	128	208396	7.19	ng	# 85
33) 4-Chloroaniline	7.99	127	89963	7.50	ng	93
35) Caprolactam	8.50	113	35851	14.42	ng	# 1
36) 4-Chloro-3-methylphenol	8.40	107	32054	3.48	ng	96
37) 2-Methylnaphthalene	8.60	142	38583	2.13	ng	# 1
42) 2,4,6-Trichlorophenol	8.72	196	12007	2.51	ng	# 77
43) 2,4,5-Trichlorophenol	9.12	196	21664	4.45	ng	# 78
47) 2-Nitroaniline	9.22	65	28132	5.77	ng	# 21
49) Dimethylphthalate	9.39	163	41787	2.34	ng	# 90
53) 2,4-Dinitrophenol	9.71	184	621	6.12	ng	# 12
60) 4-Chlorophenyl-phenylether	10.27	204	211	Below Cal		# 1
66) 4-Bromophenyl-phenylether	10.46	248	12977	3.07	ng	# 1
76) Benzidine	12.66	184	435	6.92	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.02 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

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SYS-DIS-020516

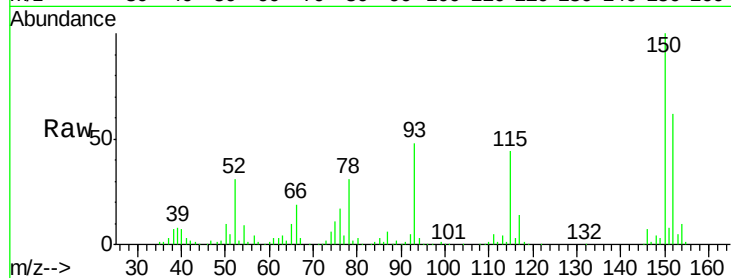
Tgt Ion:152 Resp: 142188

Ion Ratio Lower Upper

152 100

150 160.4 123.0 184.4

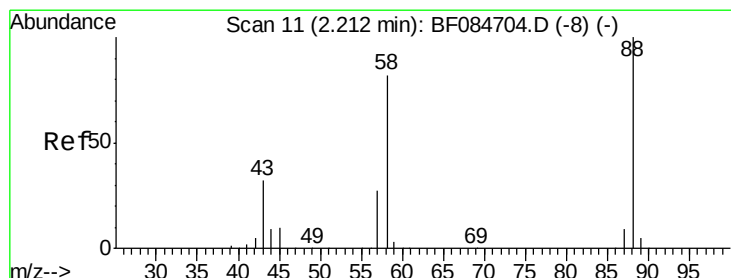
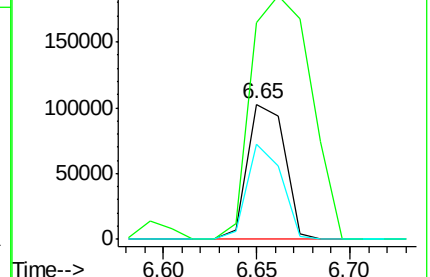
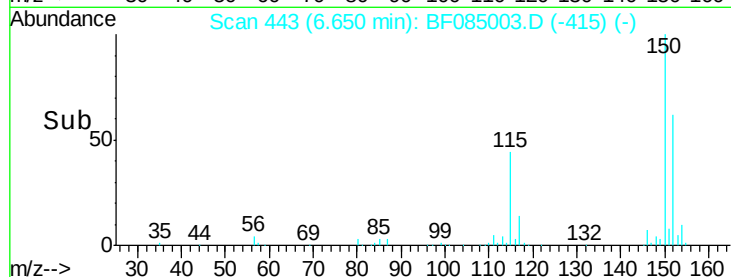
115 70.4 51.4 77.2



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



#2

1,4-Dioxane

Concen: 4.57 ng

RT: 2.10 min Scan# 45

Delta R.T. 0.02 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

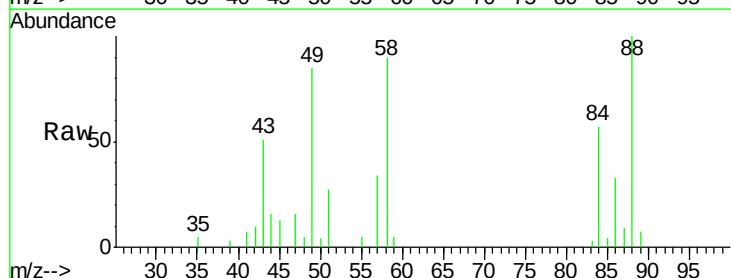
Tgt Ion: 88 Resp: 18272

Ion Ratio Lower Upper

88 100

58 88.7 51.2 76.8#

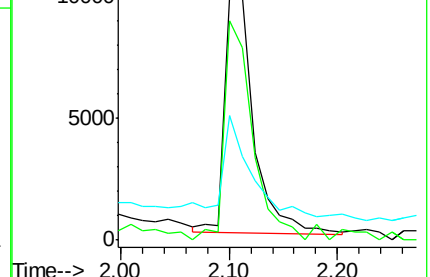
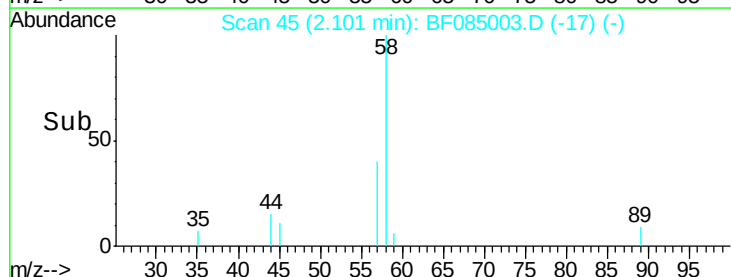
43 45.4 19.5 29.3#

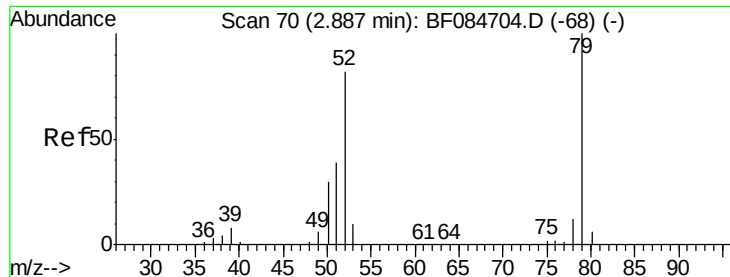


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.76 ng

RT: 2.74 min Scan# 101

Delta R.T. 0.02 min

Lab File: BF085003.D

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ClientSampleId :

SYS-DIS-020516

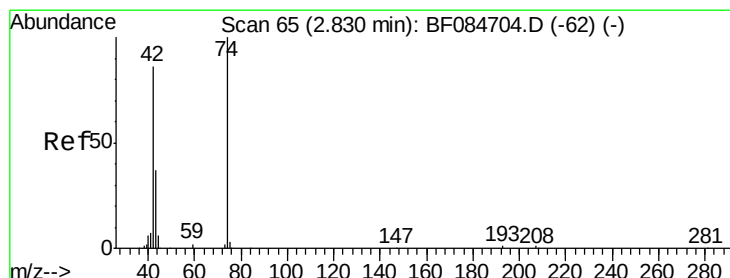
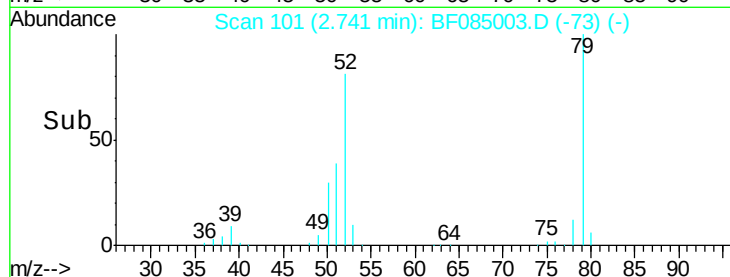
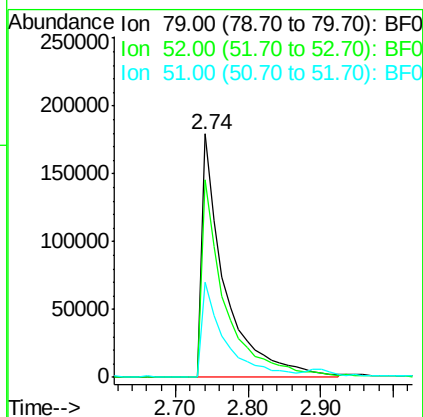
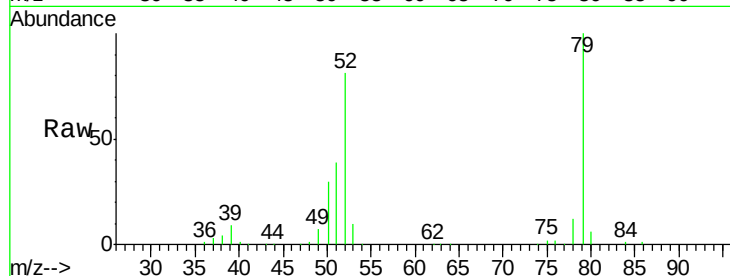
Tgt Ion: 79 Resp: 393418

Ion Ratio Lower Upper

79 100

52 81.2 49.0 73.4#

51 39.3 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 2.04 ng

RT: 2.90 min Scan# 115

Delta R.T. 0.22 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

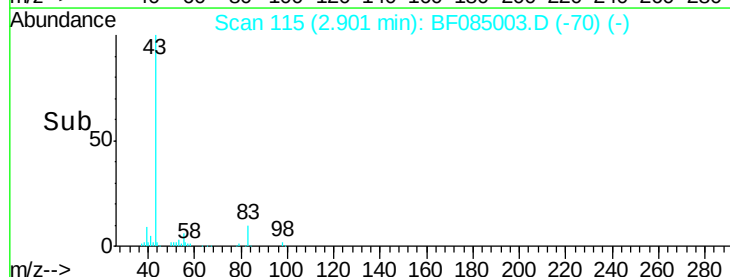
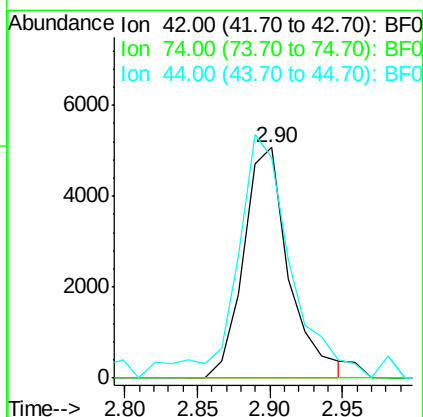
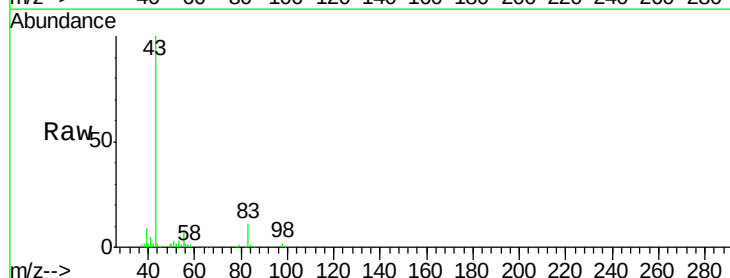
Tgt Ion: 42 Resp: 10994

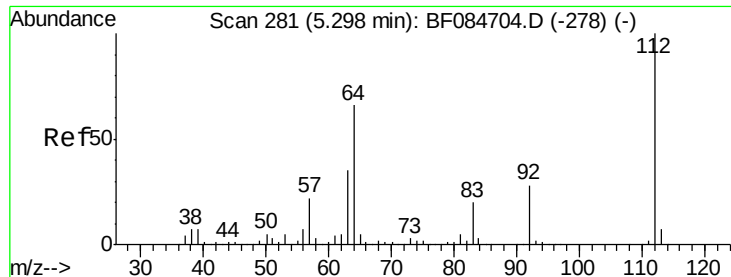
Ion Ratio Lower Upper

42 100

74 0.0 115.7 173.5#

44 95.5 5.1 7.7#





#5

2-Fluorophenol

Concen: 24.02 ng

RT: 5.23 min Scan# 319

Delta R.T. 0.03 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

Instrument :

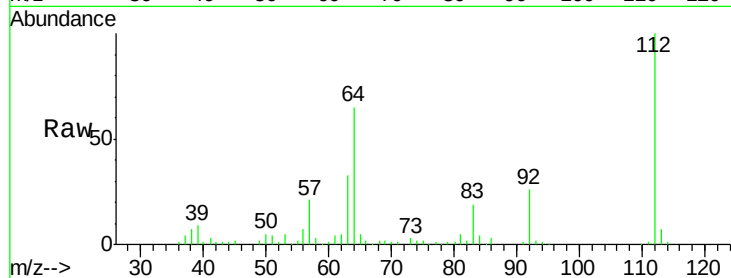
BNA_F

ClientSampleId :

SYS-DIS-020516

Tgt Ion: 112 Resp: 219271

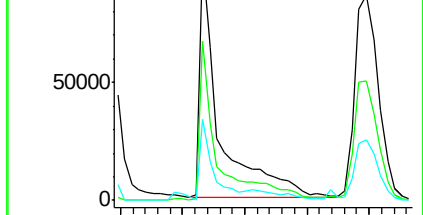
Ion	Ratio	Lower	Upper
112	100		
64	65.4	36.6	55.0#
63	33.4	19.4	29.0#



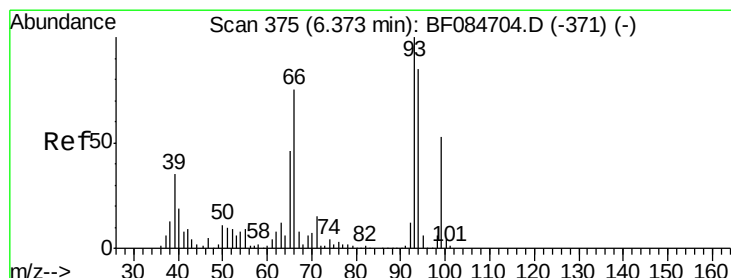
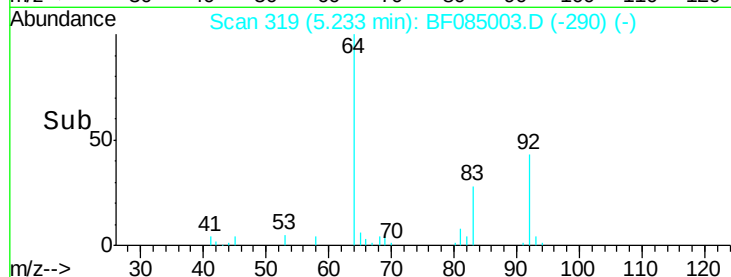
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#6

Aniline

Concen: 2501.48 ng

RT: 6.44 min Scan# 425

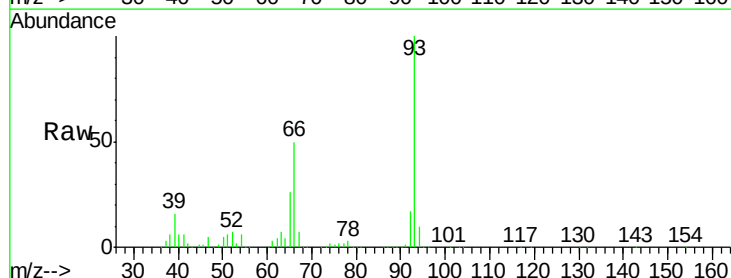
Delta R.T. 0.15 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

Tgt Ion: 93 Resp: 34640168

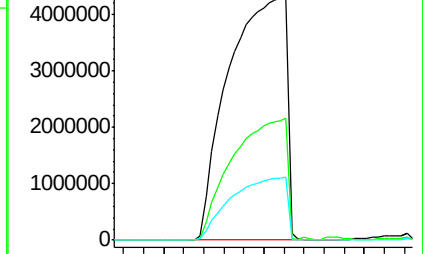
Ion	Ratio	Lower	Upper
93	100		
66	50.3	44.9	67.3
65	26.1	23.7	35.5



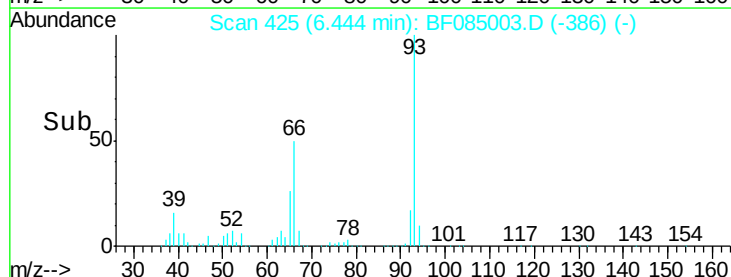
Abundance Ion 93.00 (92.70 to 93.70): BF0

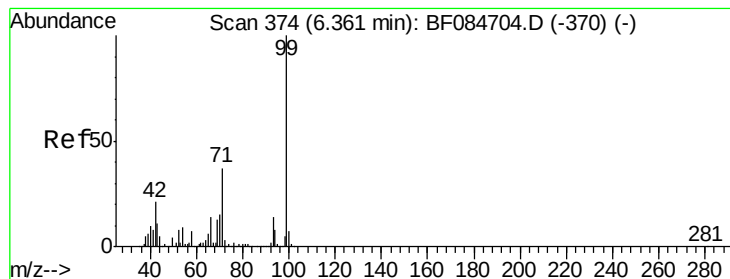
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->





#7

Phenol-d6

Concen: 1.75 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.13 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-020516

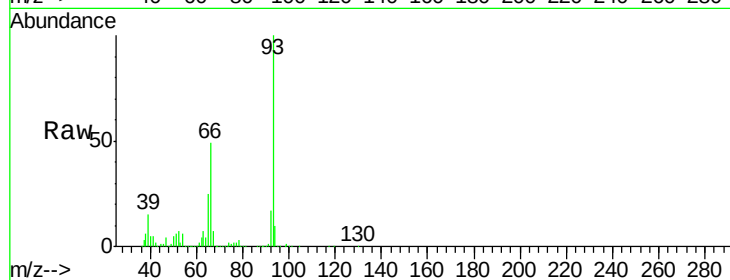
Tgt Ion: 99 Resp: 19856

Ion Ratio Lower Upper

99 100

42 237.3 12.8 19.2#

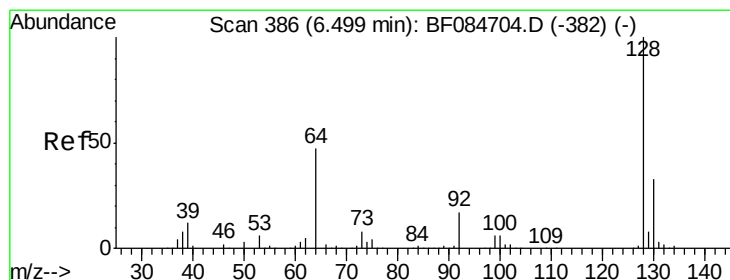
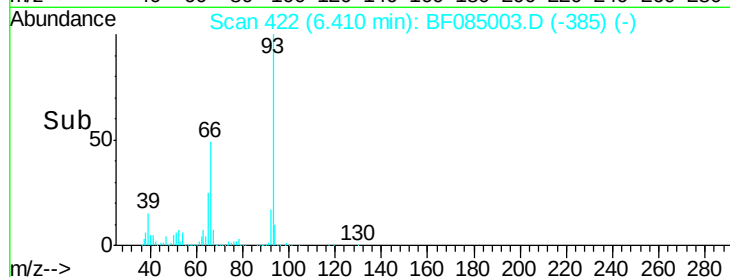
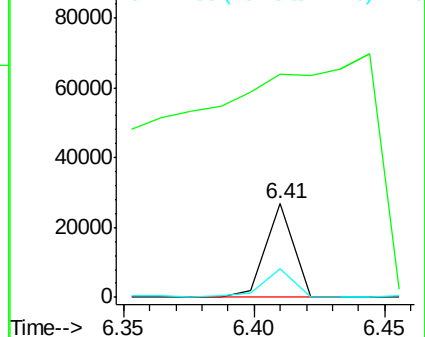
71 30.9 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 2.52 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.08 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

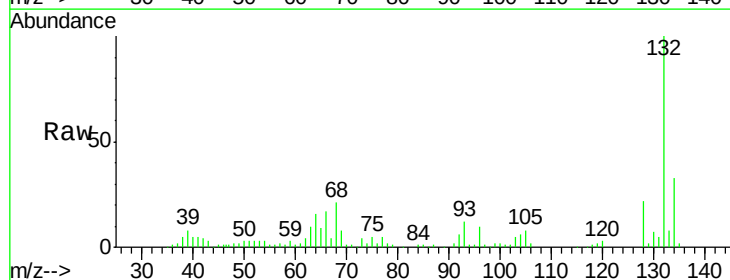
Tgt Ion: 128 Resp: 26038

Ion Ratio Lower Upper

128 100

130 31.9 11.6 51.6

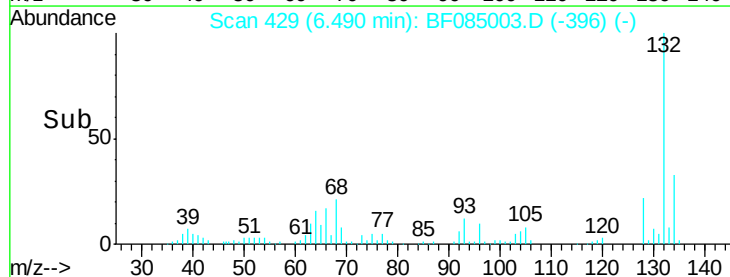
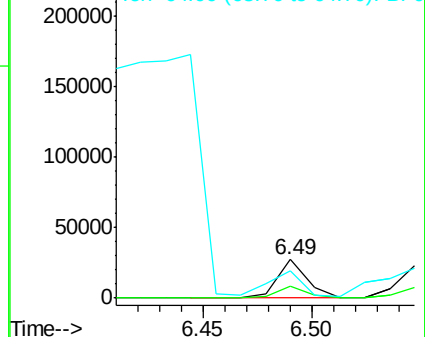
64 71.8 23.8 63.8#

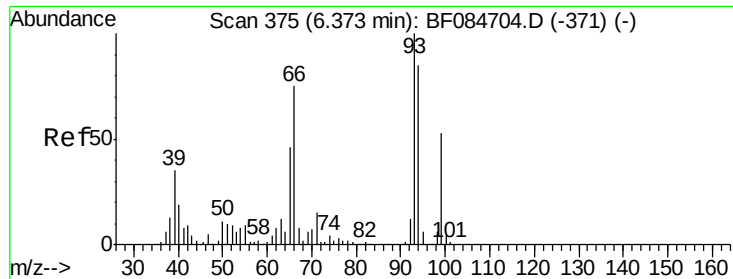


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 257.98 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.15 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

Instrument :

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SYS-DIS-020516

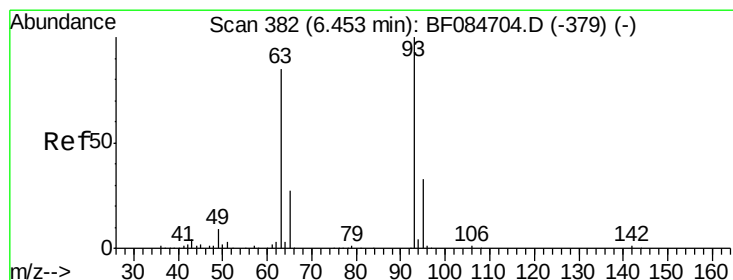
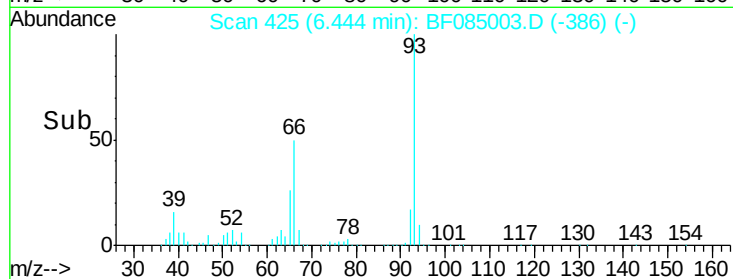
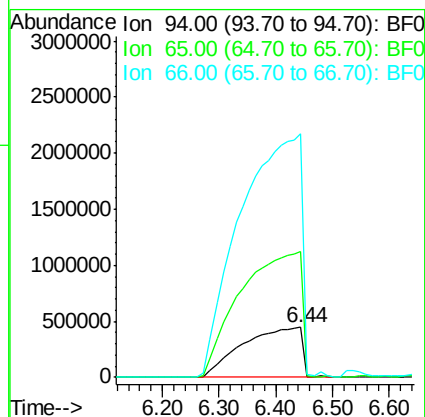
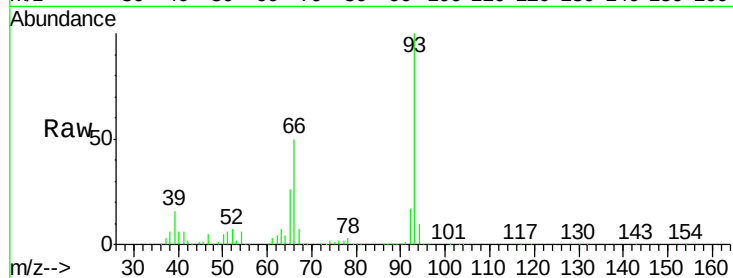
Tgt Ion: 94 Resp: 3270663

Ion Ratio Lower Upper

94 100

65 253.1 12.9 52.9#

66 488.2 32.7 72.7#



#11

bis(2-Chloroethyl)ether

Concen: 3503.88 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.07 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

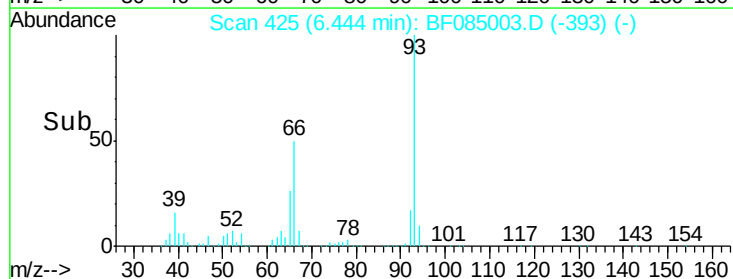
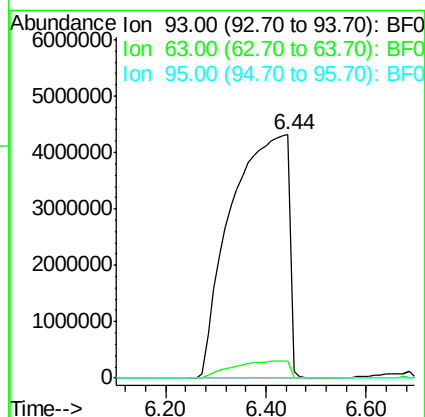
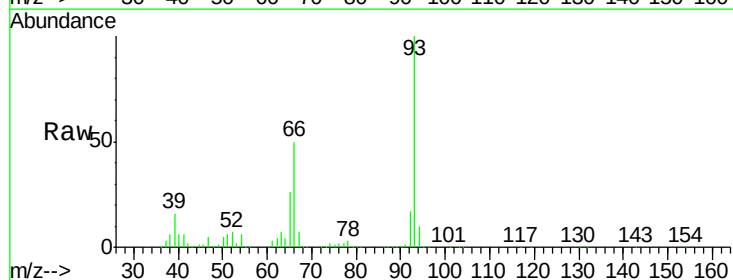
Tgt Ion: 93 Resp: 34640168

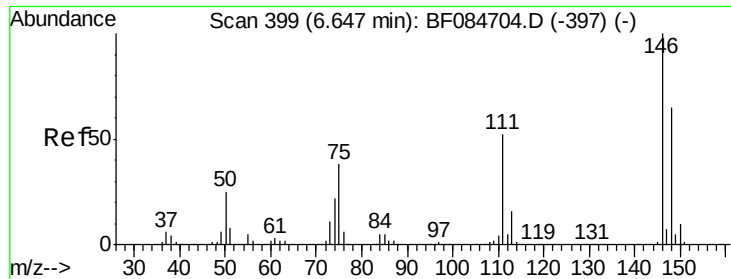
Ion Ratio Lower Upper

93 100

63 7.2 45.9 85.9#

95 0.3 12.3 52.3#

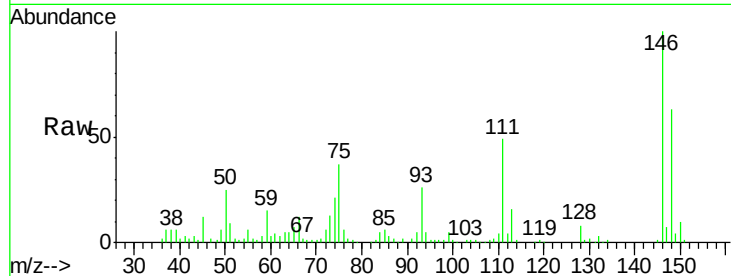




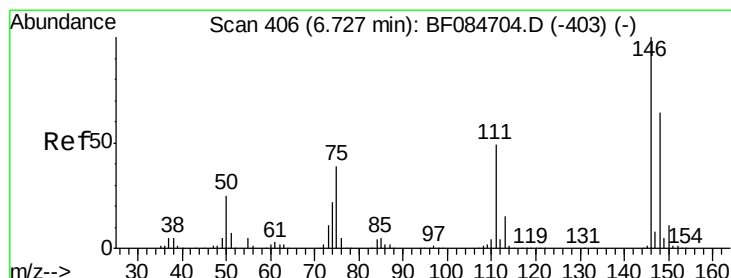
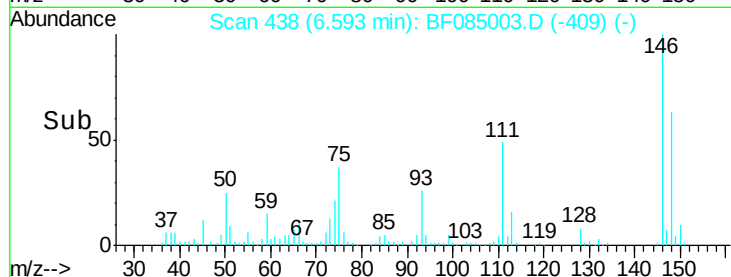
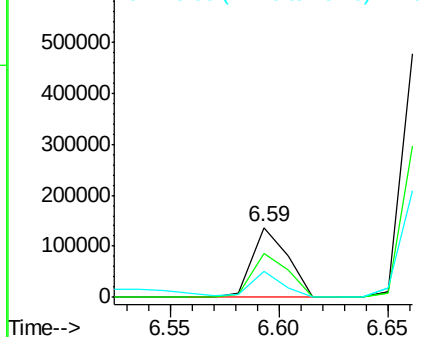
#12
 1,3-Dichlorobenzene
 Concen: 14.27 ng
 RT: 6.59 min Scan# 438
 Delta R.T. 0.03 min
 Lab File: BF085003.D
 Acq: 10 Feb 2016 20:00

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Tgt Ion:146 Resp: 155795
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.9 77.9
 75 37.2 20.5 30.7#

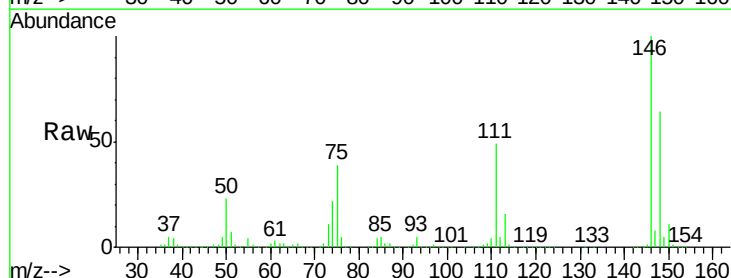


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

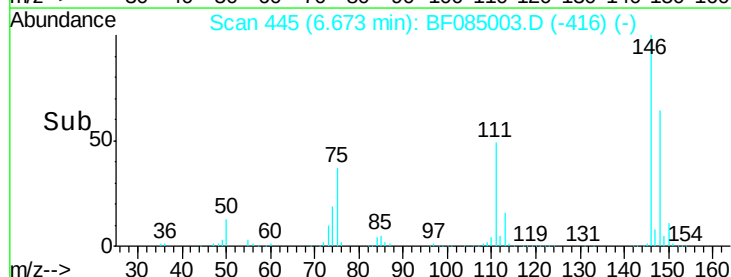
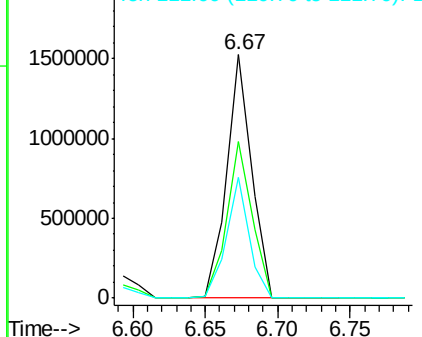


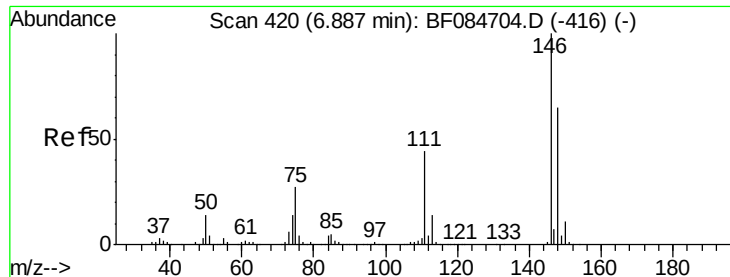
#13
 1,4-Dichlorobenzene
 Concen: 166.50 ng
 RT: 6.67 min Scan# 445
 Delta R.T. 0.03 min
 Lab File: BF085003.D
 Acq: 10 Feb 2016 20:00

Tgt Ion:146 Resp: 1817103
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.9 77.9
 111 49.4 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 256.08 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.02 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-020516

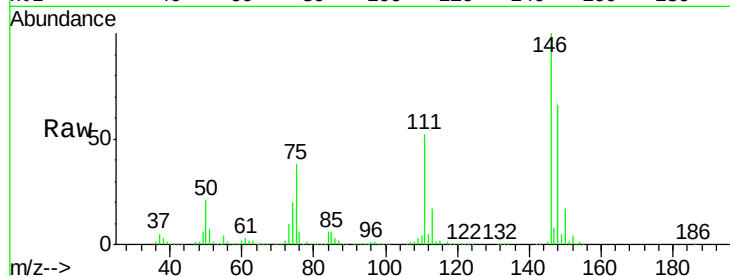
Tgt Ion:146 Resp: 2602972

Ion Ratio Lower Upper

146 100

148 65.7 51.6 77.4

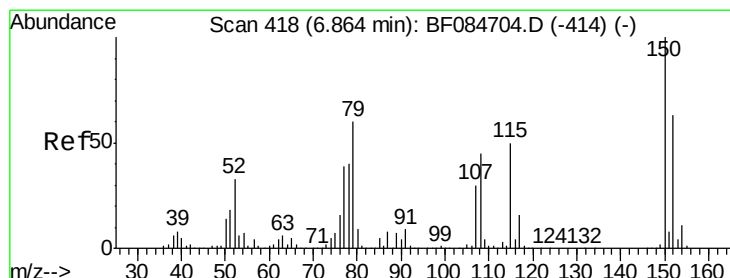
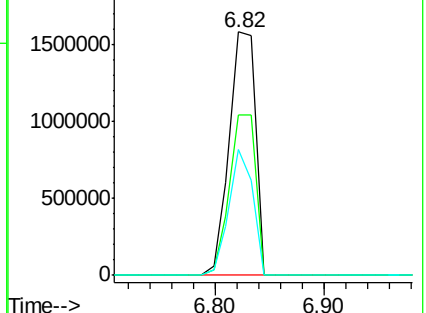
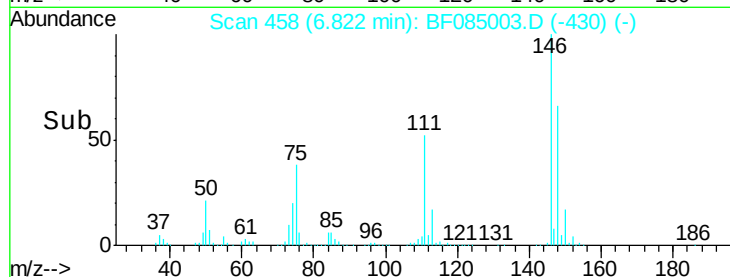
111 51.9 38.0 57.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 2.14 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.01 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

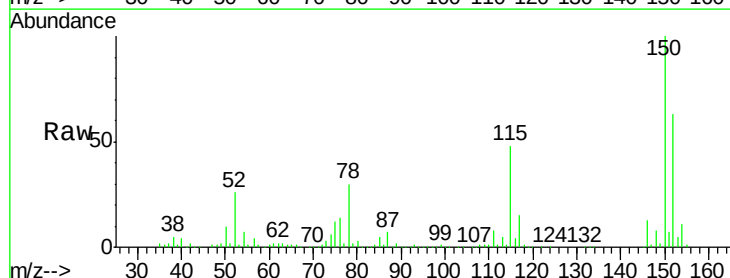
Tgt Ion: 79 Resp: 16696

Ion Ratio Lower Upper

79 100

108 26.9 69.0 103.4#

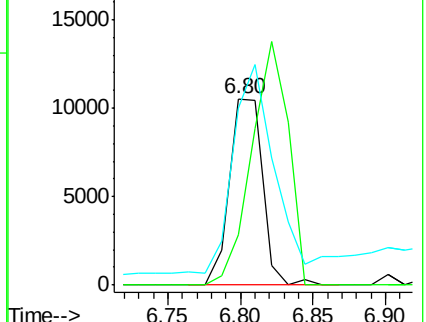
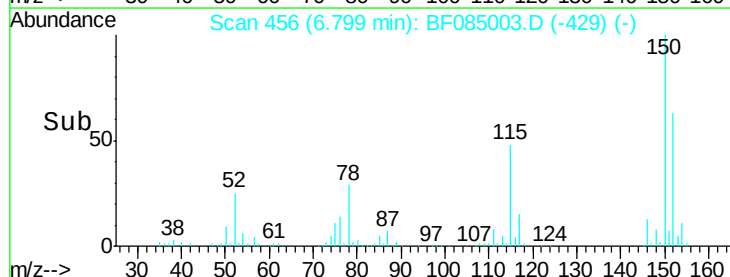
77 94.9 50.0 75.0#

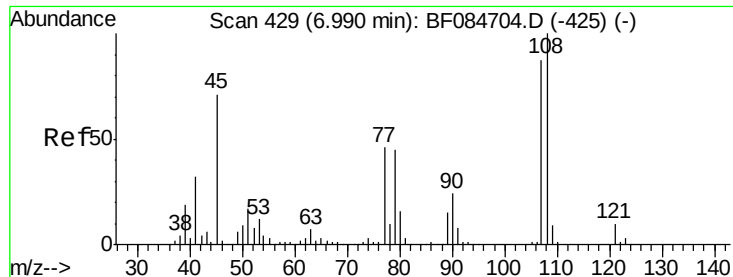


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0





#17

2-Methylphenol

Concen: 28.82 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.14 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-020516

Tgt Ion:107 Resp: 235499

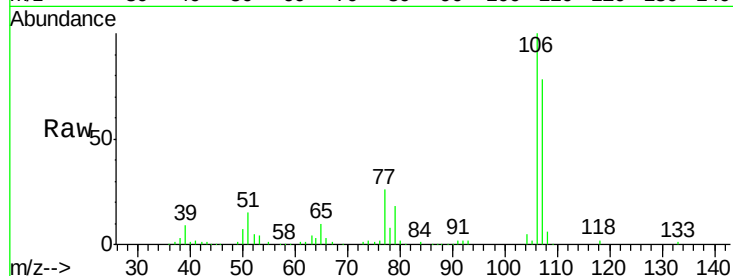
Ion Ratio Lower Upper

107 100

108 7.3 89.8 134.6#

77 33.3 35.7 53.5#

79 22.3 35.7 53.5#

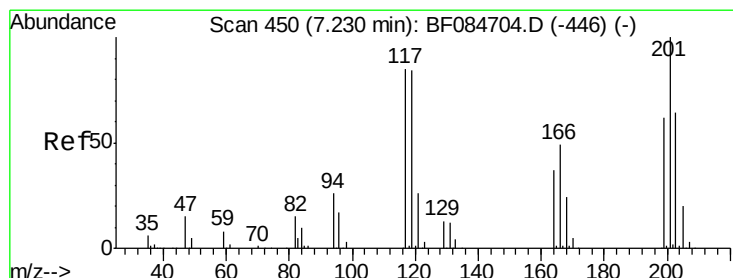
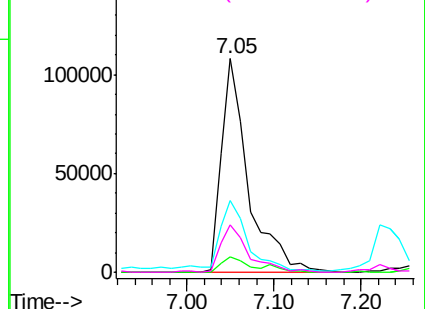
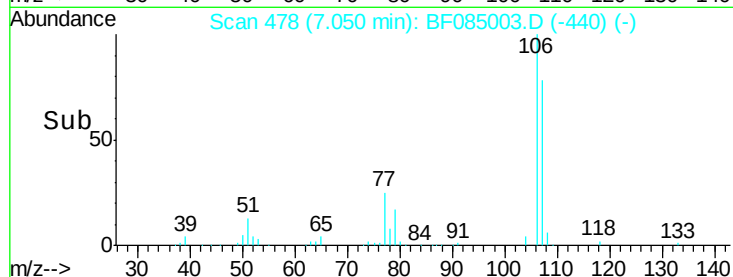


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 126.76 ng

RT: 7.39 min Scan# 508

Delta R.T. 0.26 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

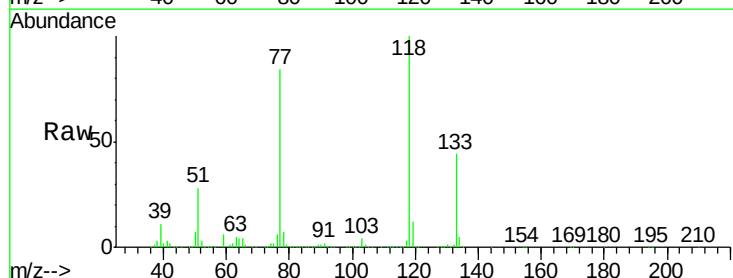
Tgt Ion:117 Resp: 532737

Ion Ratio Lower Upper

117 100

119 339.5 77.4 116.0#

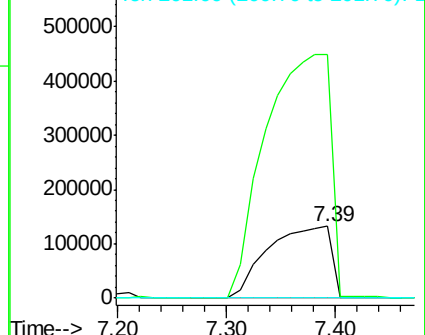
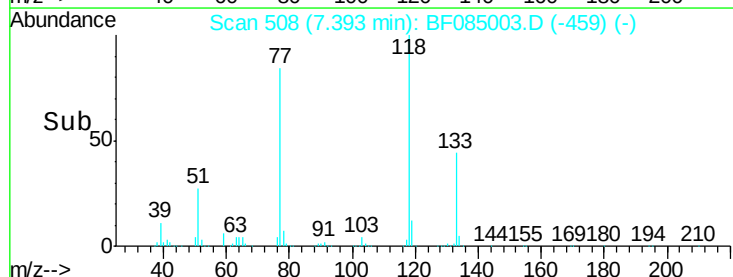
201 0.0 68.6 103.0#

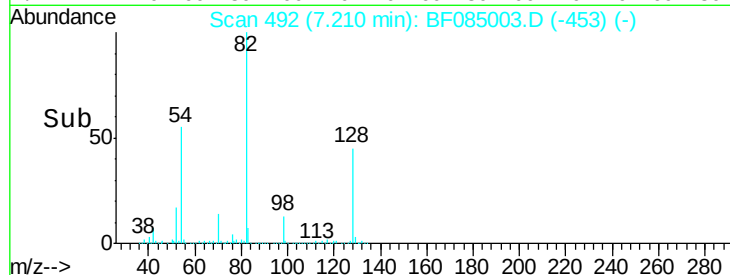
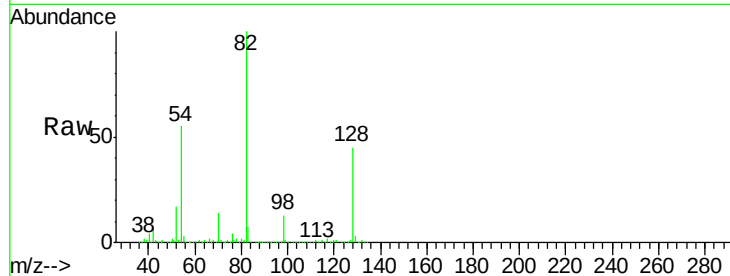
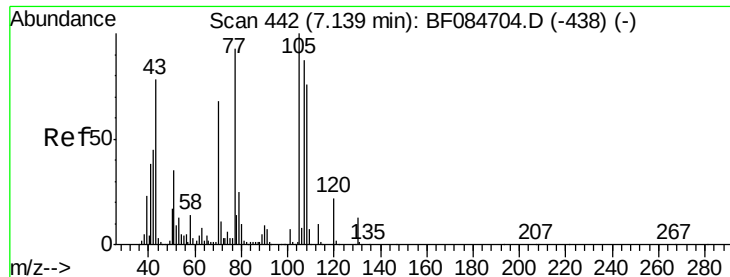


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

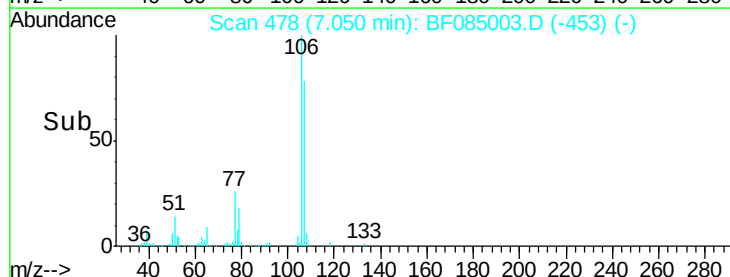
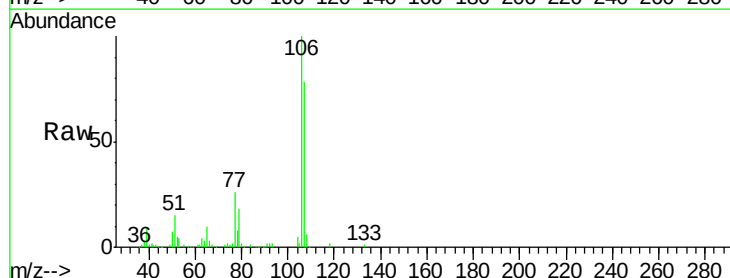
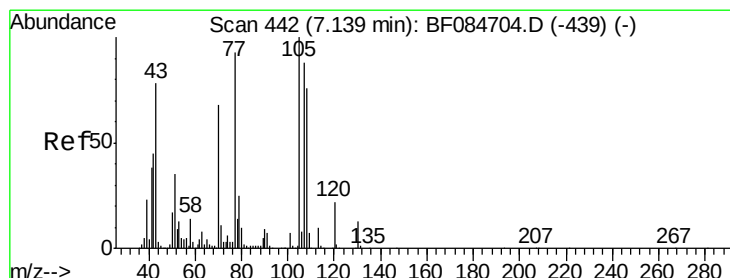
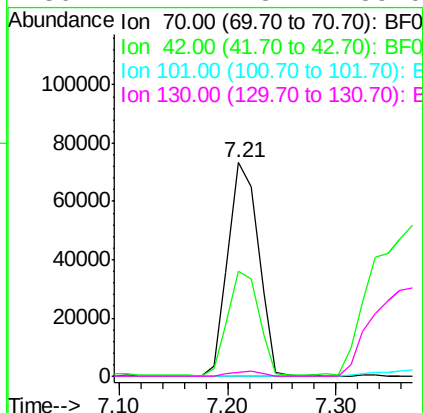




#19
n-Nitroso-di-n-propylamine
Concen: 20.14 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.15 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

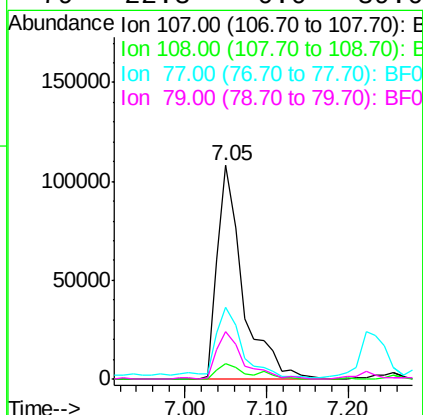
Instrument :
BNA_F
ClientSampleId :
SYS-DIS-020516

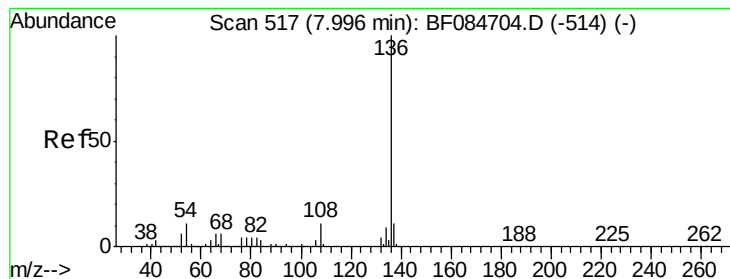
Tgt Ion: 70 Resp: 142843
Ion Ratio Lower Upper
70 100
42 49.0 33.3 49.9
101 0.0 9.3 13.9#
130 2.1 23.4 35.0#



#20
3+4-Methylphenols
Concen: 23.22 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Tgt Ion: 107 Resp: 235505
Ion Ratio Lower Upper
107 100
108 7.3 74.6 114.6#
77 33.3 0.7 40.7
79 22.3 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-020516

Tgt Ion: 136 Resp: 578005

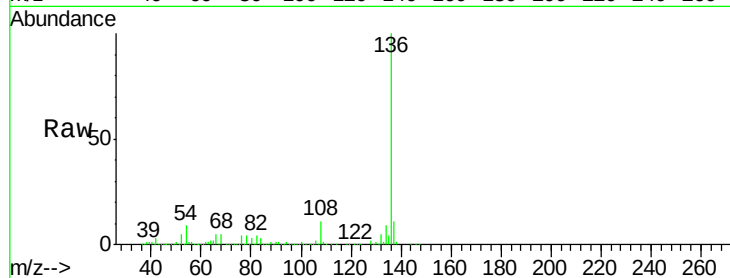
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.4 5.8 8.8#

68 5.3 4.2 6.2

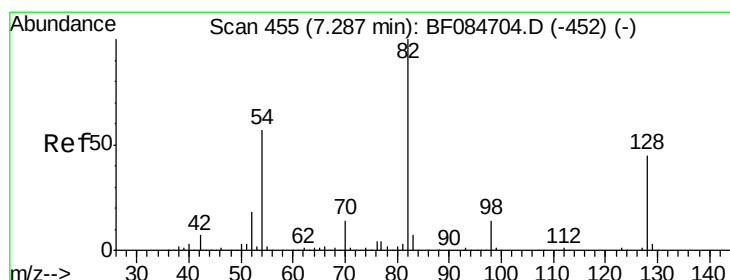
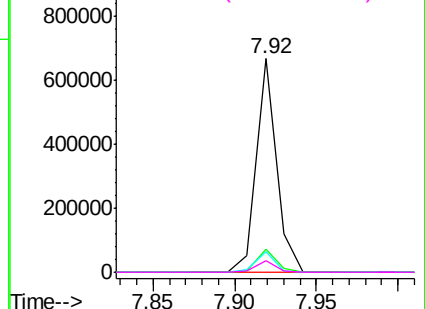
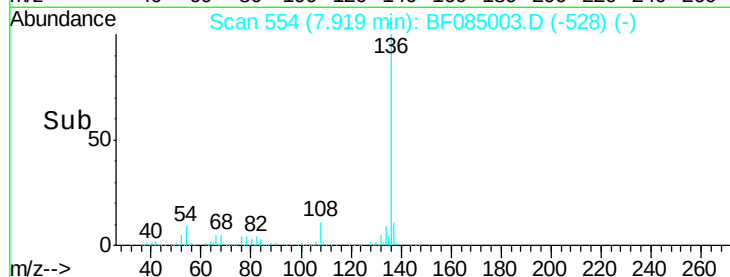


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.11 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.01 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

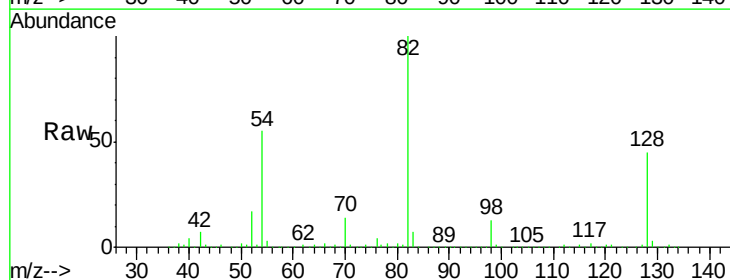
Tgt Ion: 82 Resp: 1037449

Ion Ratio Lower Upper

82 100

128 44.6 34.6 51.8

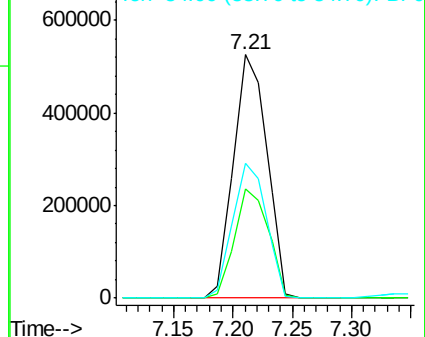
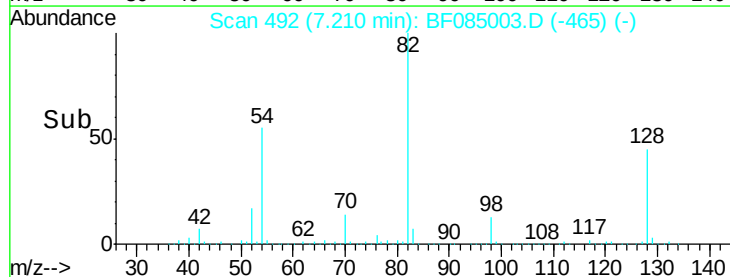
54 55.2 38.4 57.6

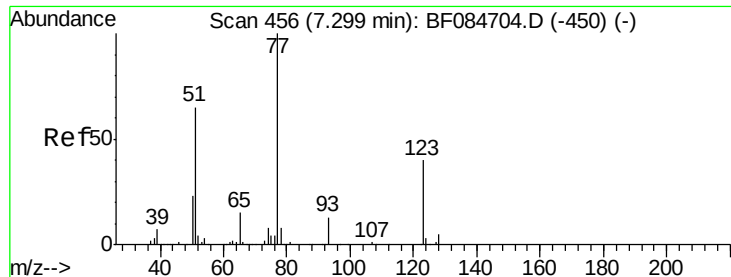


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 1239.70 ng

RT: 7.39 min Scan# 508

Delta R.T. 0.17 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-020516

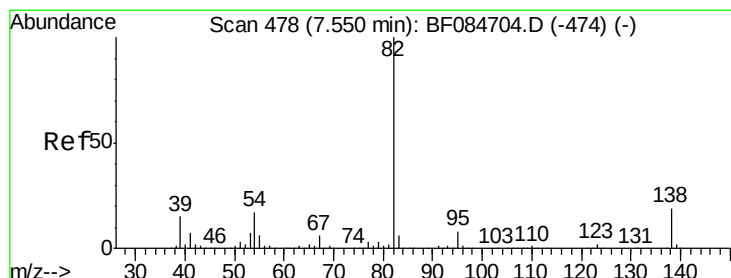
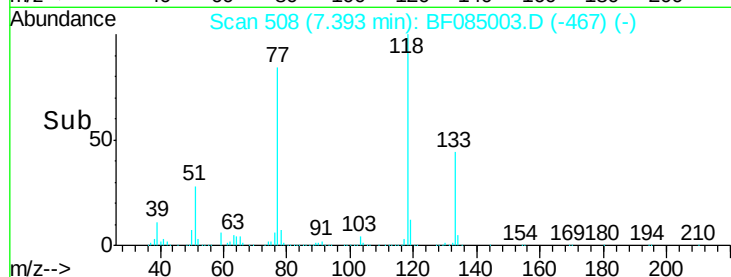
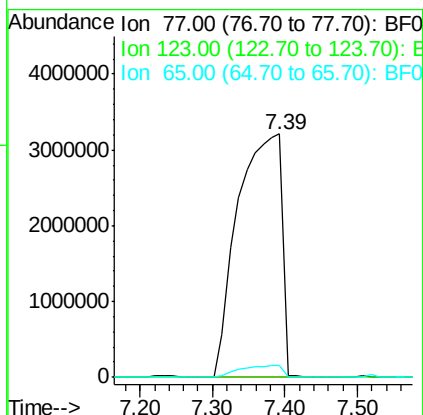
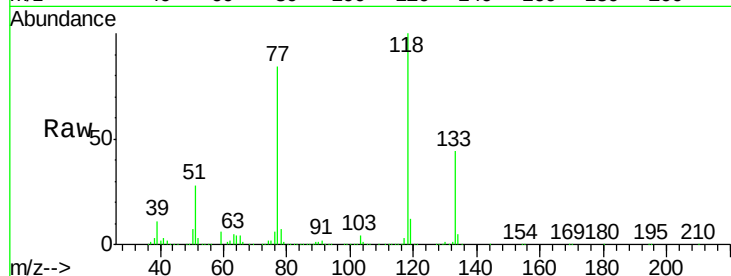
Tgt Ion: 77 Resp:13621441

Ion Ratio Lower Upper

77 100

123 0.0 37.4 56.2#

65 4.8 10.9 16.3#



#25

Isophorone

Concen: 42.19 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.26 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

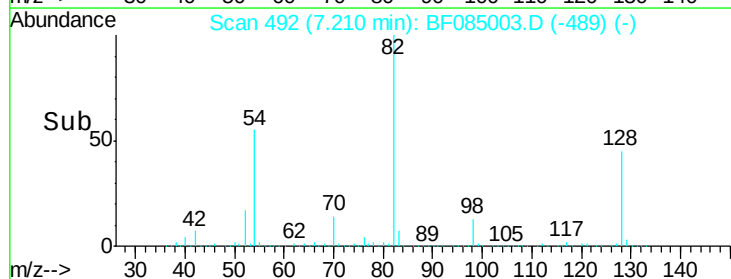
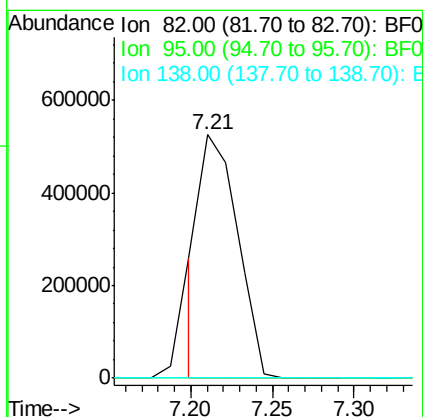
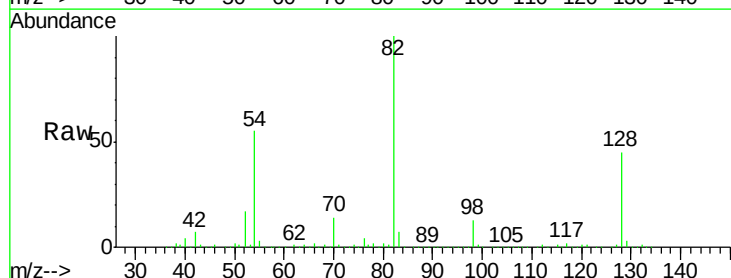
Tgt Ion: 82 Resp: 841853

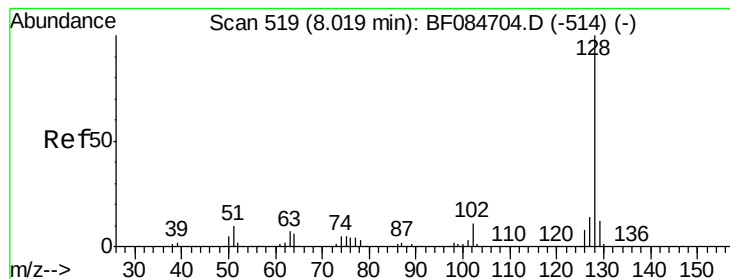
Ion Ratio Lower Upper

82 100

95 0.1 6.6 10.0#

138 0.0 13.6 20.4#





#31

Naphthalene

Concen: 7.19 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-020516

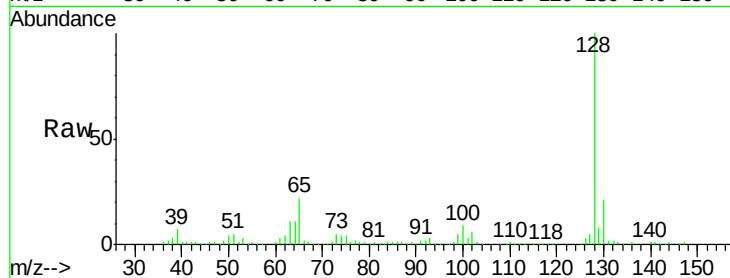
Tgt Ion:128 Resp: 208396

Ion Ratio Lower Upper

128 100

129 8.4 9.1 13.7#

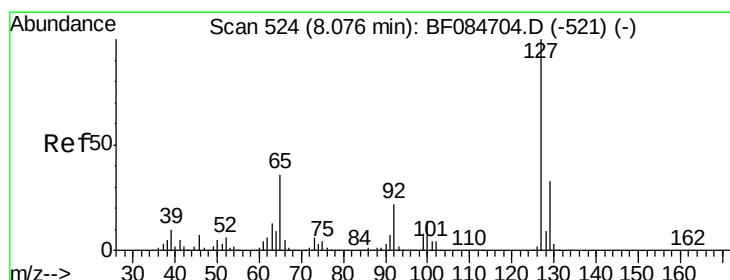
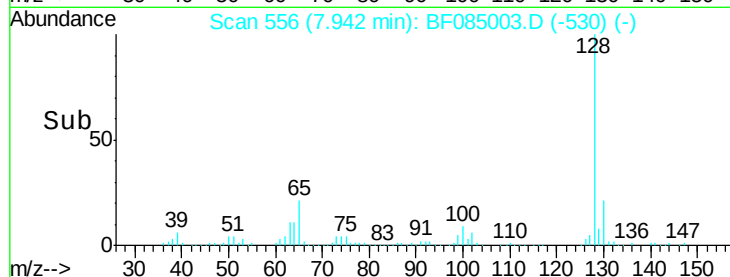
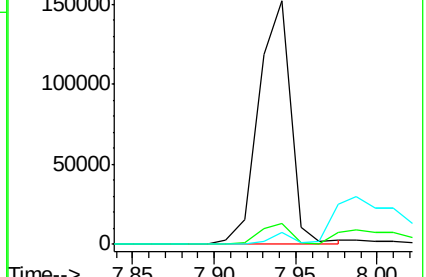
127 5.2 11.1 16.7#



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



#33

4-Chloroaniline

Concen: 7.50 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

Tgt Ion:127 Resp: 89963

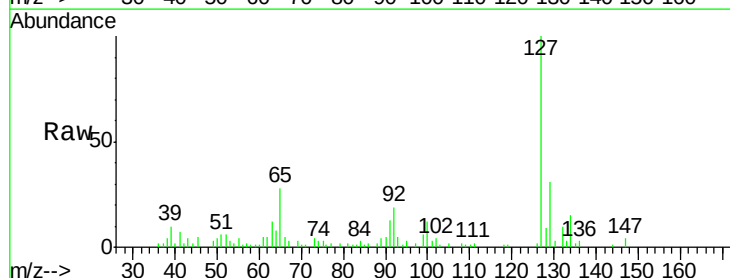
Ion Ratio Lower Upper

127 100

129 30.8 26.5 39.7

65 28.2 27.2 40.8

92 19.3 17.7 26.5

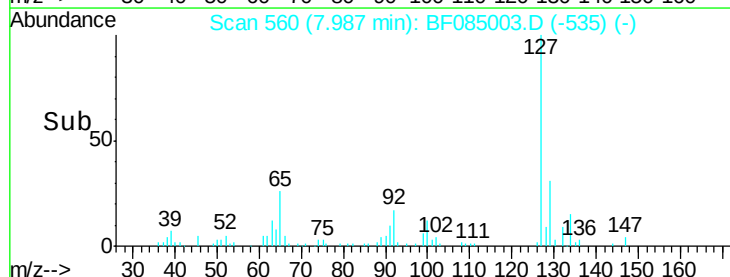
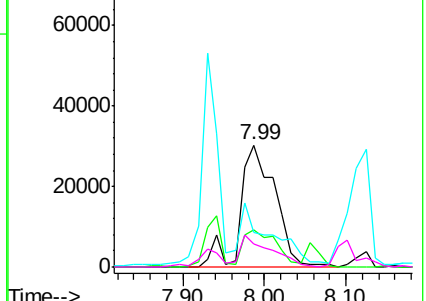


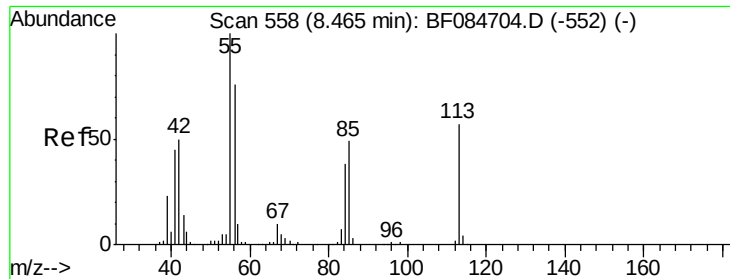
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#35

Caprolactam

Concen: 14.42 ng

RT: 8.50 min Scan# 605

Delta R.T. 0.11 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-020516

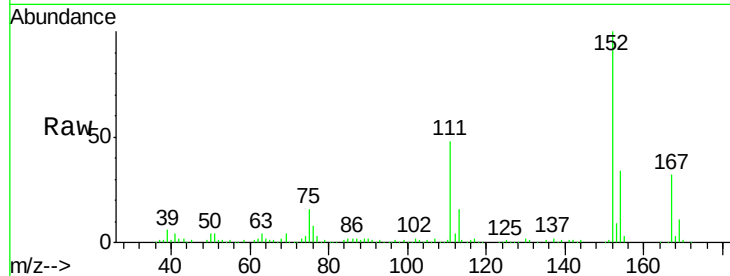
Tgt Ion:113 Resp: 35851

Ion Ratio Lower Upper

113 100

55 6.0 116.9 156.9#

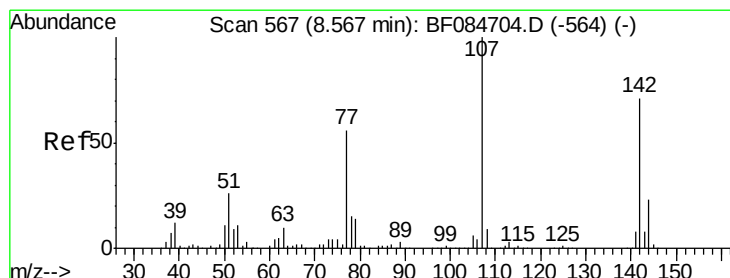
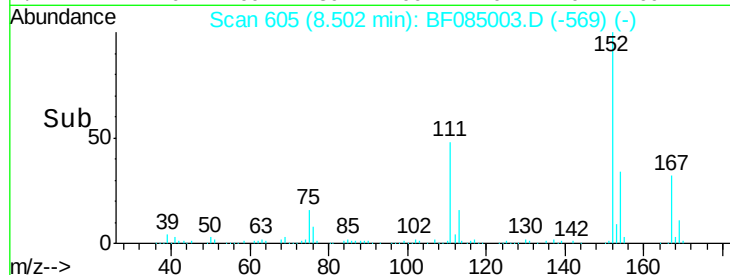
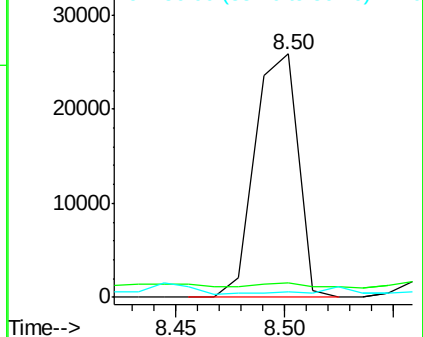
56 2.3 93.8 133.8#



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: 3.48 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.09 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

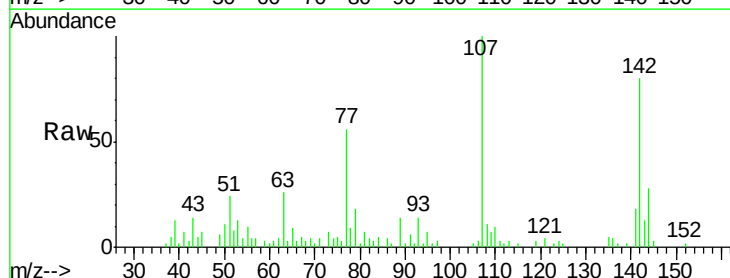
Tgt Ion:107 Resp: 32054

Ion Ratio Lower Upper

107 100

144 28.0 19.7 29.5

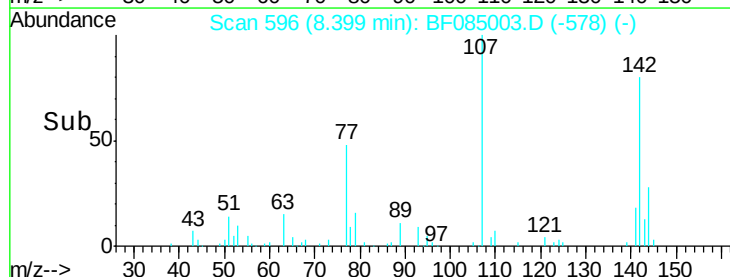
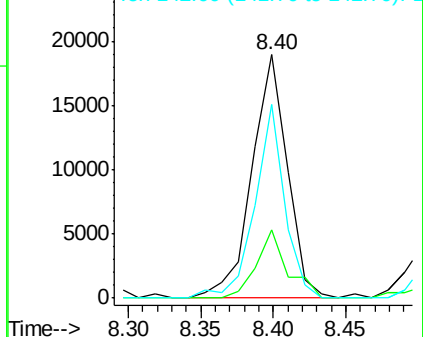
142 79.5 61.8 92.6

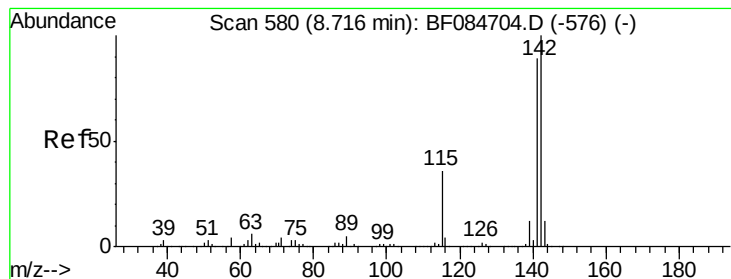


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 2.13 ng

RT: 8.60 min Scan# 614

Delta R.T. -0.02 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-020516

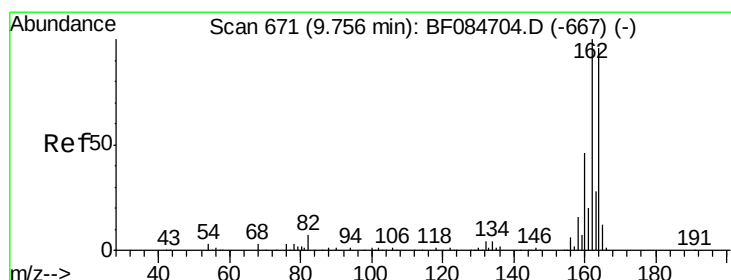
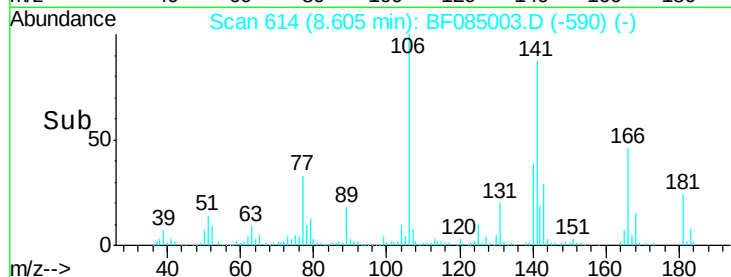
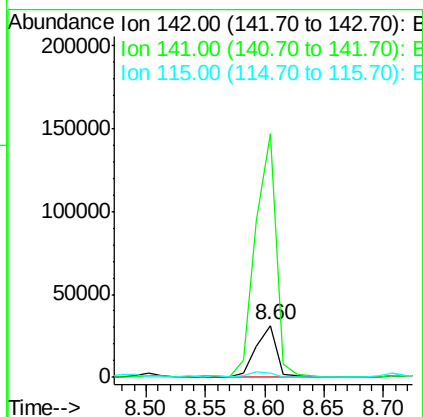
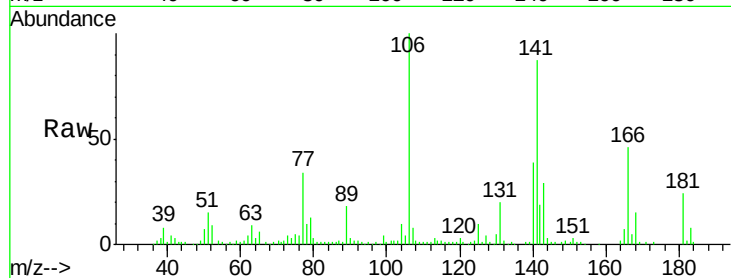
Tgt Ion:142 Resp: 38583

Ion Ratio Lower Upper

142 100

141 469.2 72.4 108.6#

115 8.3 27.9 41.9#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

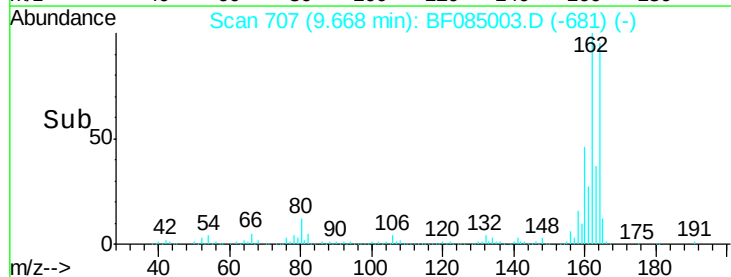
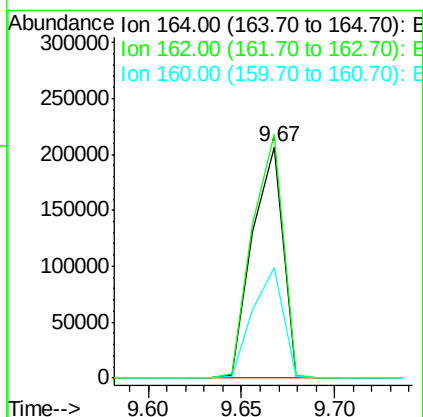
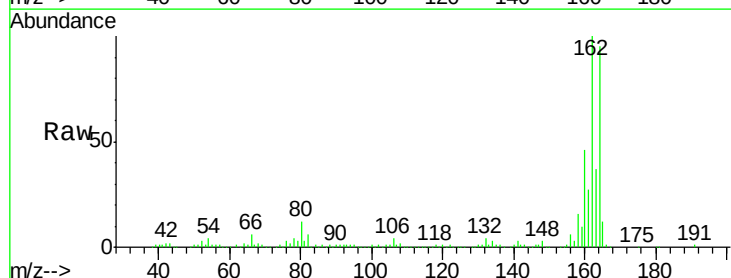
Tgt Ion:164 Resp: 234253

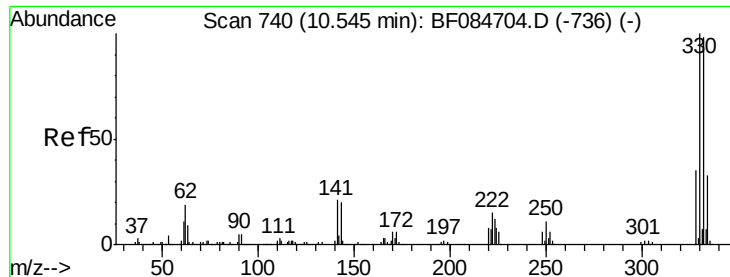
Ion Ratio Lower Upper

164 100

162 105.3 85.1 127.7

160 47.9 37.5 56.3

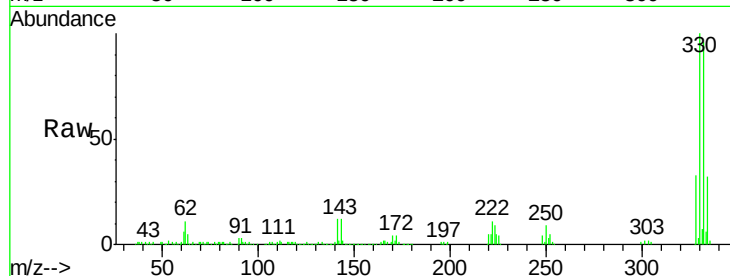




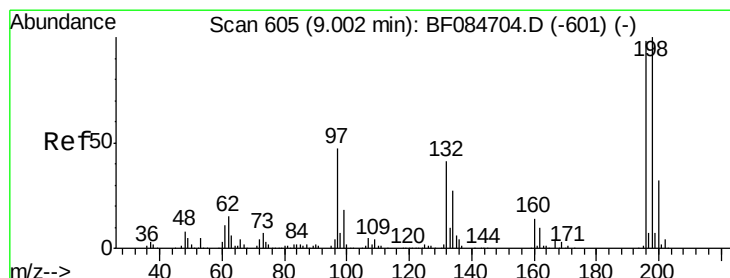
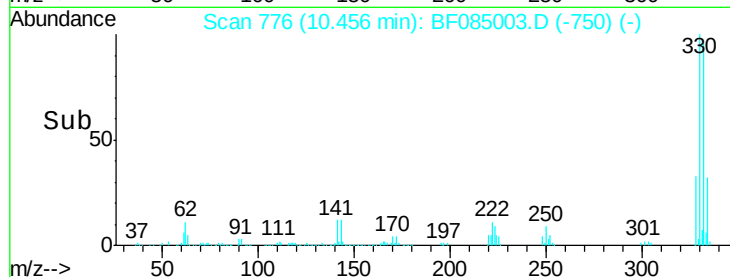
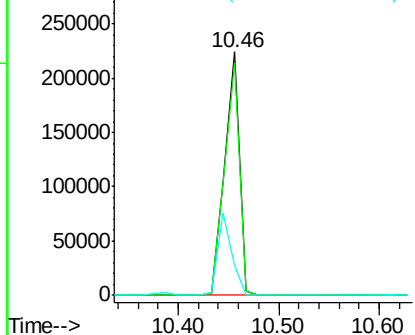
#41
 2,4,6-Tribromophenol
 Concen: 94.54 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085003.D
 Acq: 10 Feb 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 SYS-DIS-020516

Tgt Ion:330 Resp: 231006
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 32.6 27.8 41.6

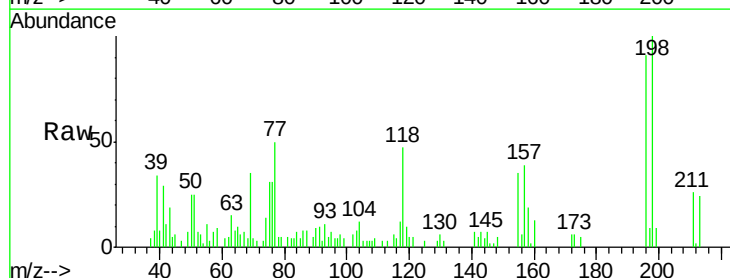


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

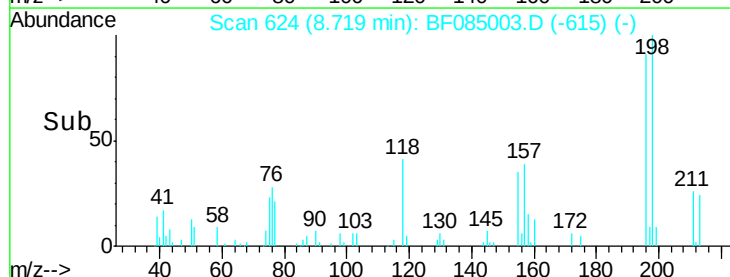
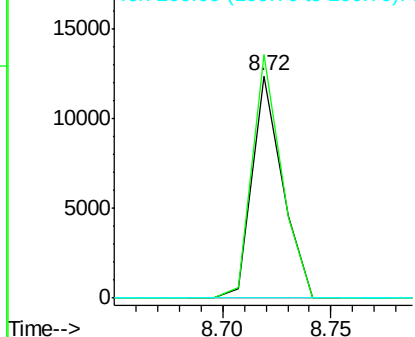


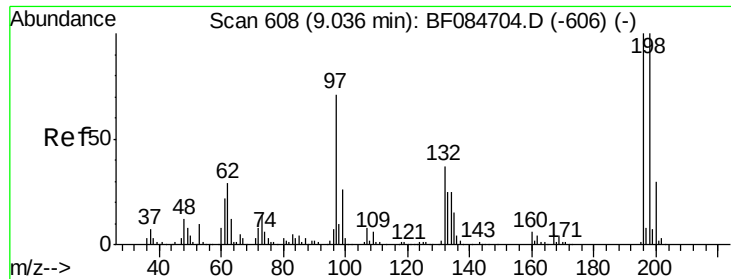
#42
 2,4,6-Trichlorophenol
 Concen: 2.51 ng
 RT: 8.72 min Scan# 624
 Delta R.T. -0.19 min
 Lab File: BF085003.D
 Acq: 10 Feb 2016 20:00

Tgt Ion:196 Resp: 12007
 Ion Ratio Lower Upper
 196 100
 198 109.6 77.7 116.5
 200 0.0 24.6 37.0#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

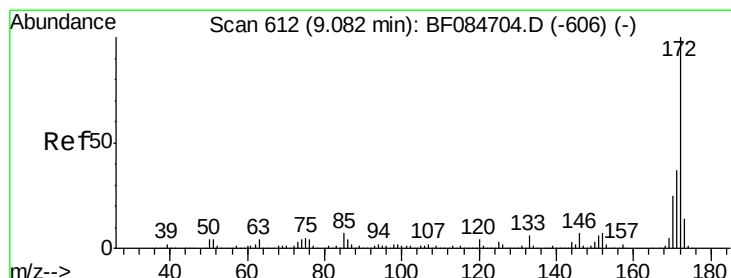
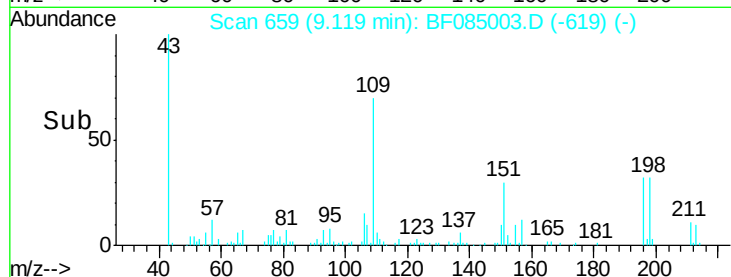
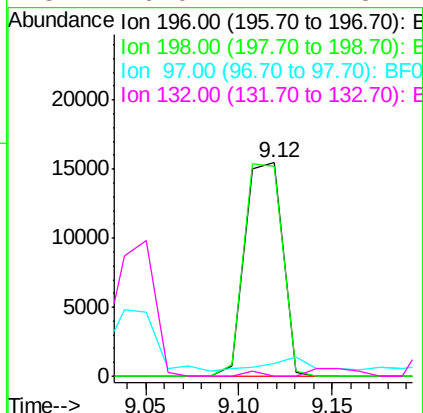
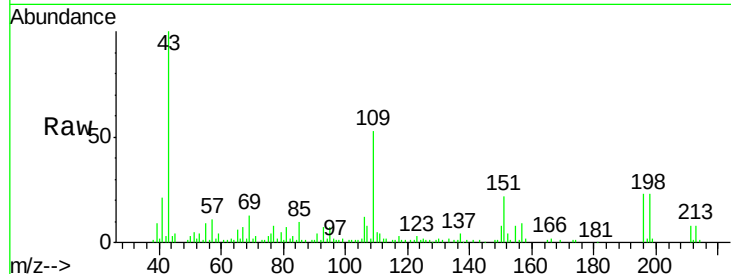




#43
 2,4,5-Trichlorophenol
 Concen: 4.45 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.16 min
 Lab File: BF085003.D
 Acq: 10 Feb 2016 20:00

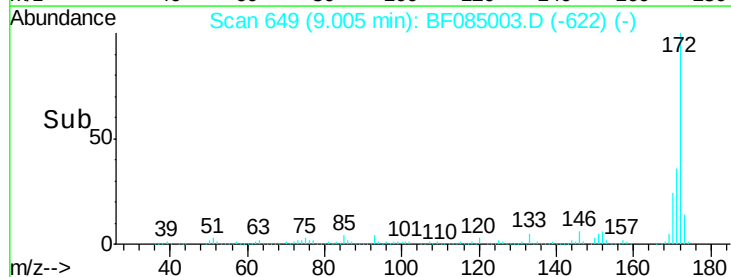
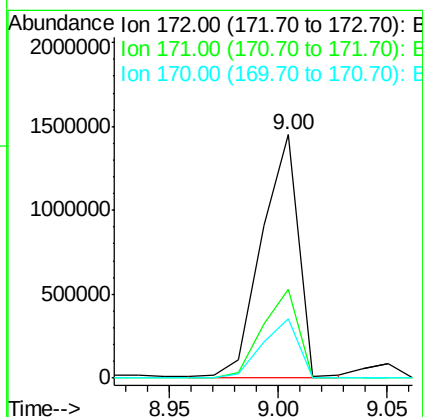
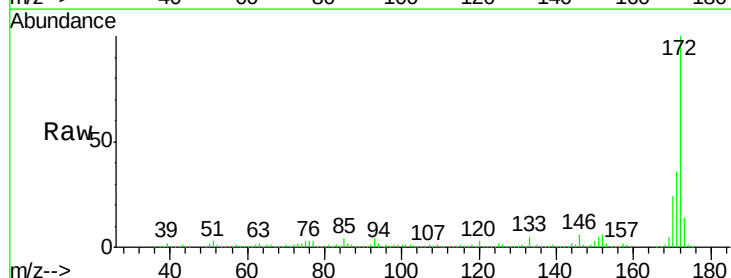
Instrument :
 BNA_F
 ClientSampleId :
 SYS-DIS-020516

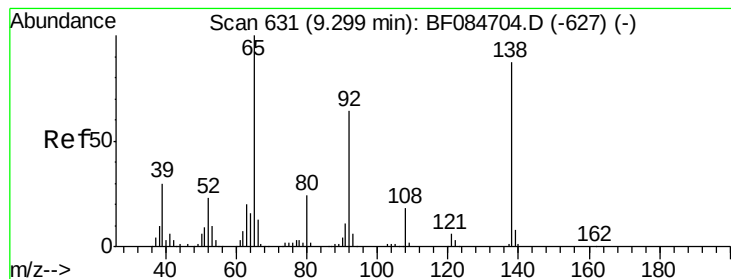
Tgt Ion:196 Resp: 21664
 Ion Ratio Lower Upper
 196 100
 198 98.5 79.0 118.6
 97 6.1 33.0 49.6#
 132 0.0 21.1 31.7#



#44
 2-Fluorobiphenyl
 Concen: -20.00 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.01 min
 Lab File: BF085003.D
 Acq: 10 Feb 2016 20:00

Tgt Ion:172 Resp: 1721205
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 24.5 18.6 27.8





#47

2-Nitroaniline

Concen: 5.77 ng

RT: 9.22 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-020516

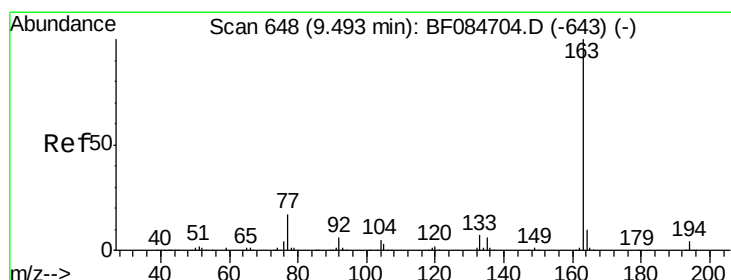
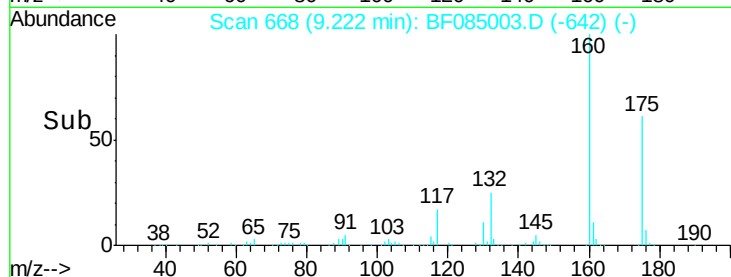
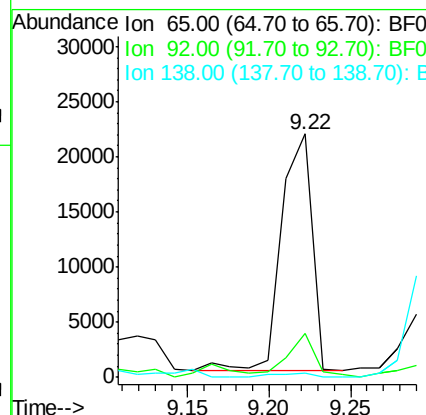
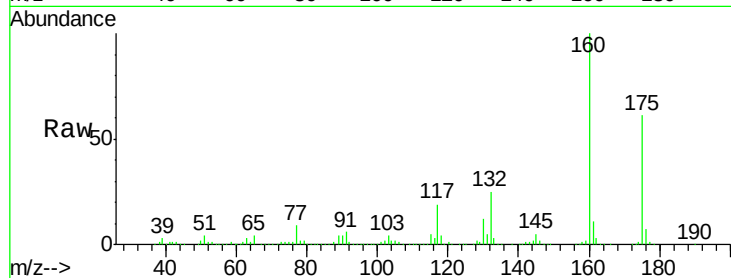
Tgt Ion: 65 Resp: 28132

Ion Ratio Lower Upper

65 100

92 18.1 53.4 80.2#

138 1.9 71.1 106.7#



#49

Dimethylphthalate

Concen: 2.34 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

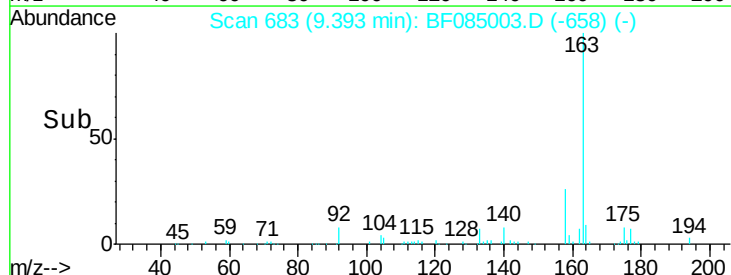
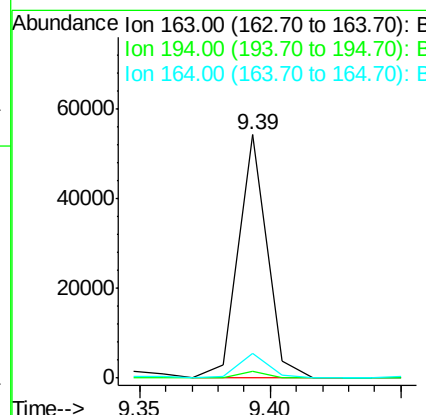
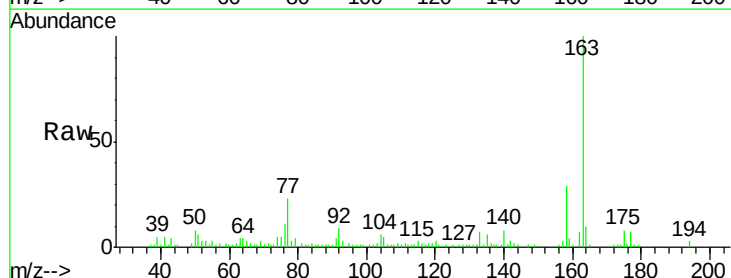
Tgt Ion: 163 Resp: 41787

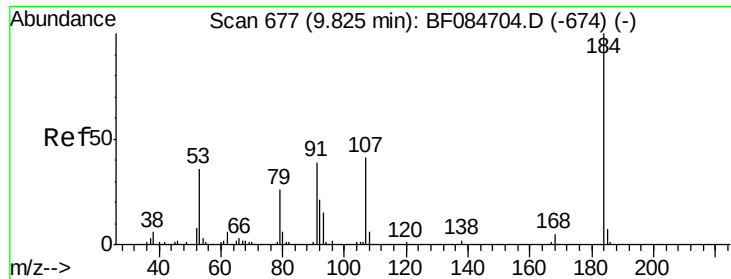
Ion Ratio Lower Upper

163 100

194 2.9 8.0 12.0#

164 10.2 8.0 12.0

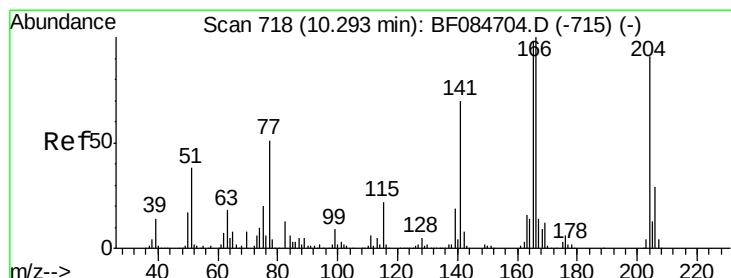
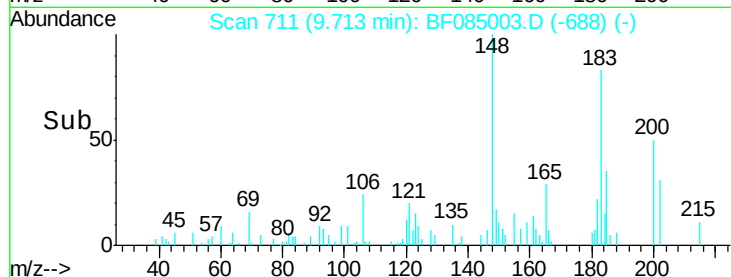
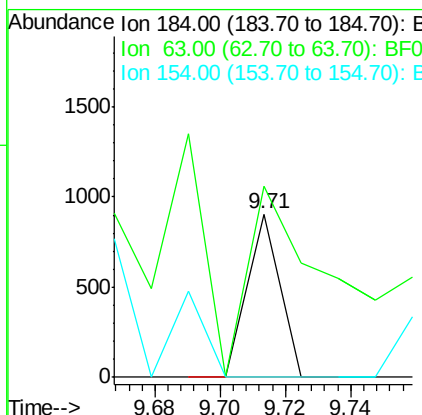
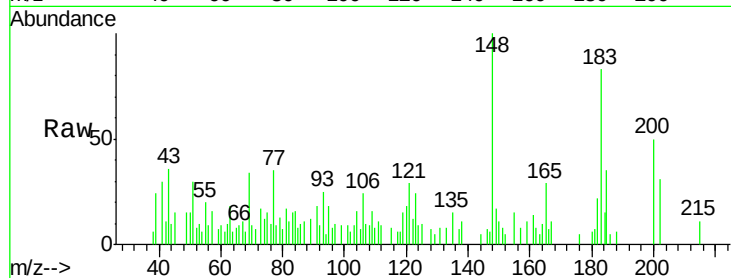




#53
2,4-Dinitrophenol
Concen: 6.12 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

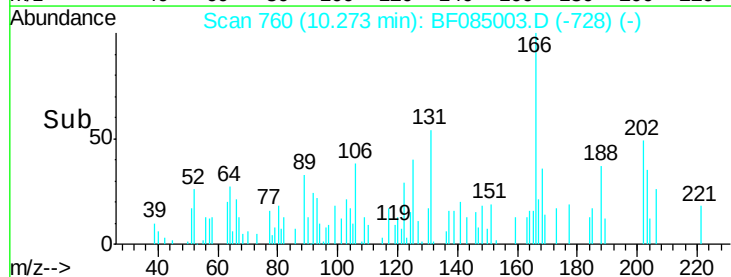
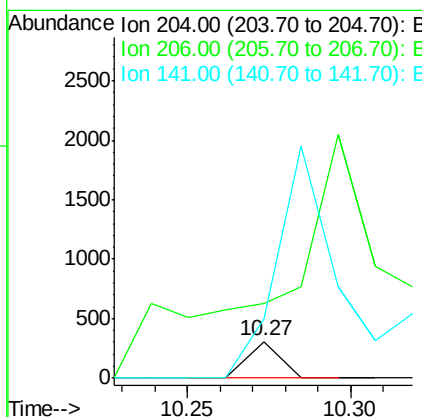
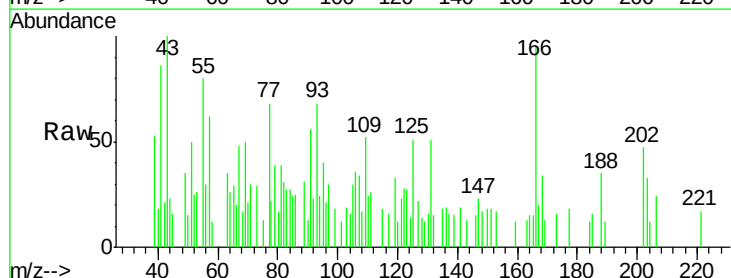
Instrument :
BNA_F
ClientSampleId :
SYS-DIS-020516

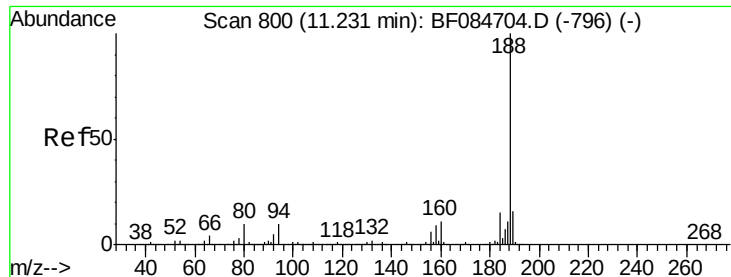
Tgt Ion:184 Resp: 621
Ion Ratio Lower Upper
184 100
63 116.8 43.1 64.7#
154 0.0 60.5 90.7#



#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.27 min Scan# 760
Delta R.T. 0.07 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Tgt Ion:204 Resp: 211
Ion Ratio Lower Upper
204 100
206 206.2 25.7 38.5#
141 163.2 55.1 82.7#

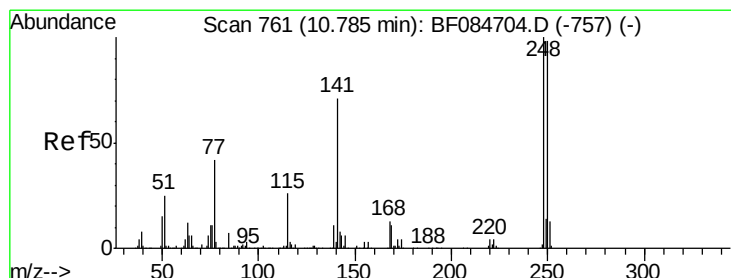
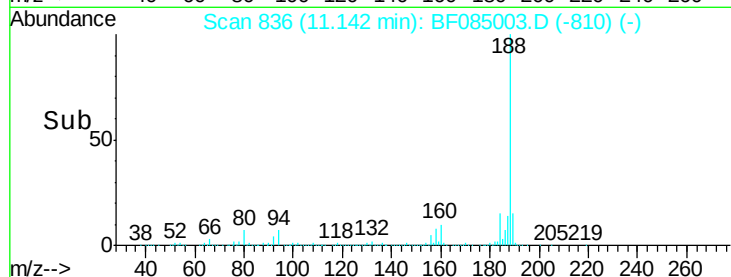
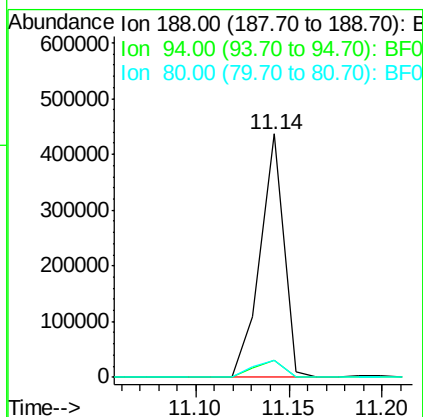
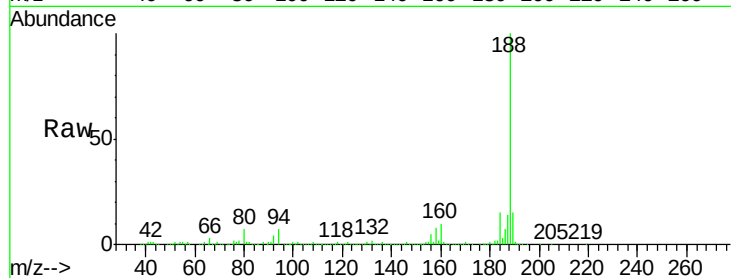




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

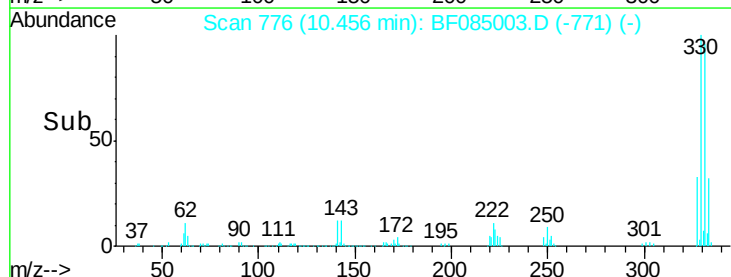
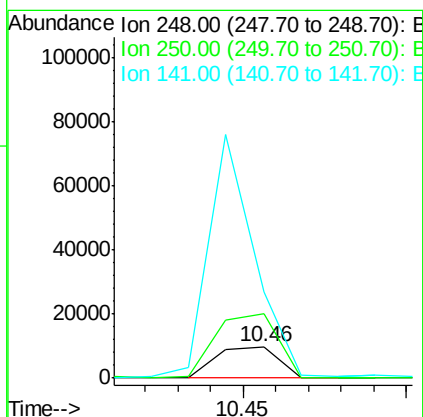
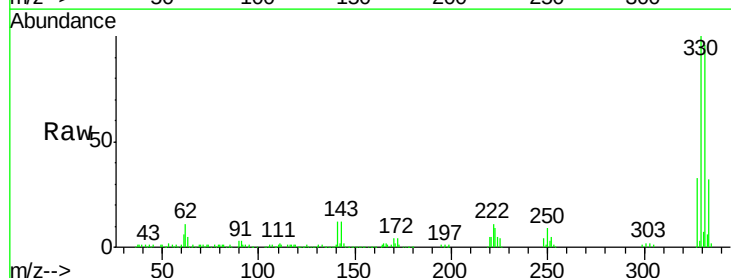
Instrument :
BNA_F
ClientSampleId :
SYS-DIS-020516

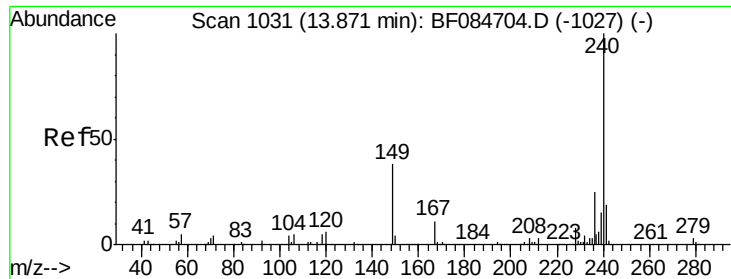
Tgt Ion:188 Resp: 383000
Ion Ratio Lower Upper
188 100
94 7.3 9.0 13.4#
80 7.3 9.6 14.4#



#66
4-Bromophenyl-phenylether
Concen: 3.07 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.24 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Tgt Ion:248 Resp: 12977
Ion Ratio Lower Upper
248 100
250 204.5 78.4 117.6#
141 274.1 44.0 66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-020516

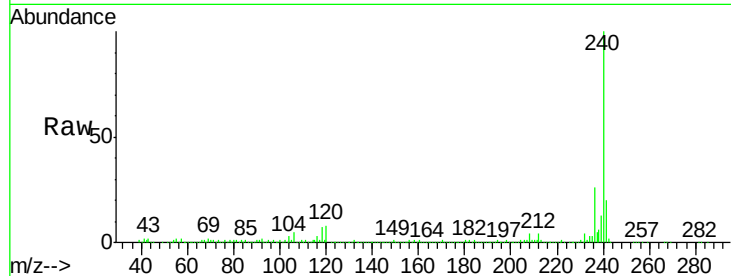
Tgt Ion:240 Resp: 304198

Ion Ratio Lower Upper

240 100

120 7.7 9.5 14.3#

236 25.6 20.6 31.0

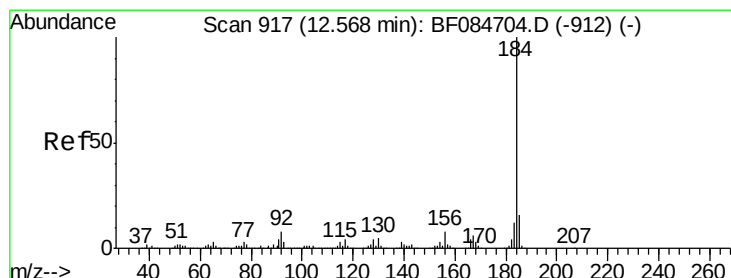
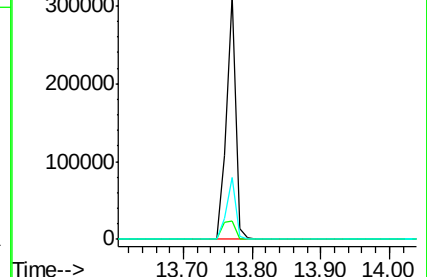
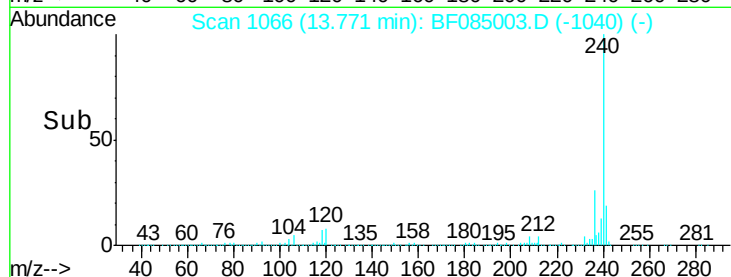


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.77



#76

Benzidine

Concen: 6.92 ng

RT: 12.66 min Scan# 969

Delta R.T. 0.18 min

Lab File: BF085003.D

Acq: 10 Feb 2016 20:00

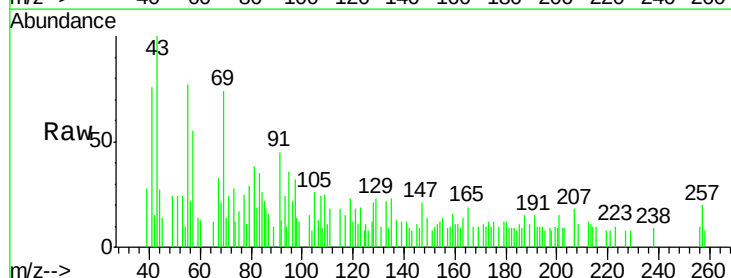
Tgt Ion:184 Resp: 435

Ion Ratio Lower Upper

184 100

185 128.1 12.2 18.2#

183 111.6 9.8 14.8#

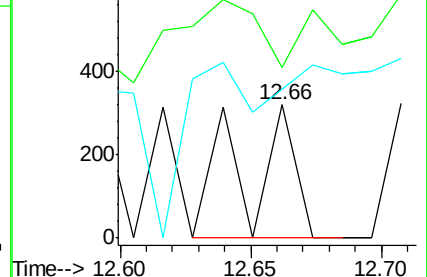
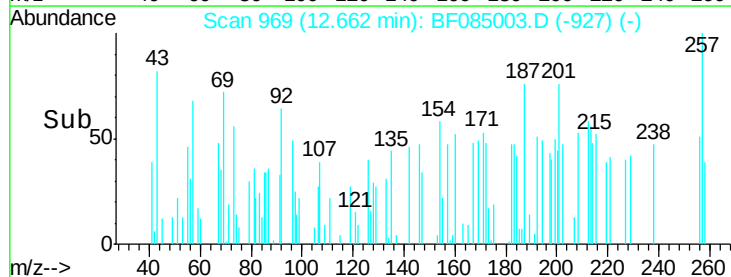


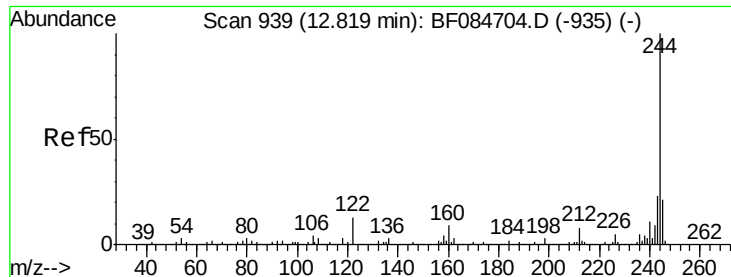
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.66

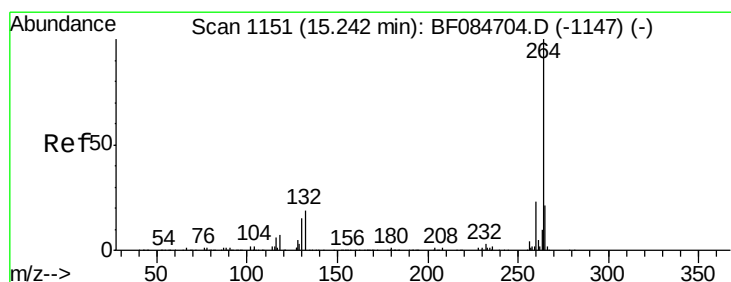
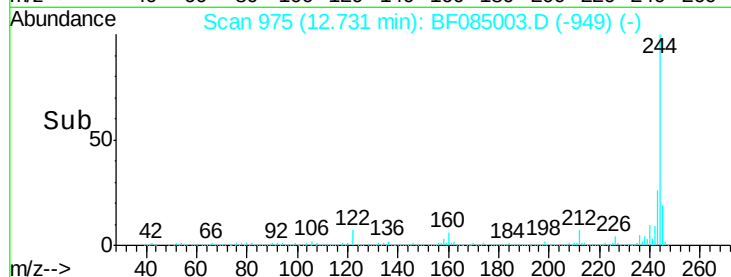
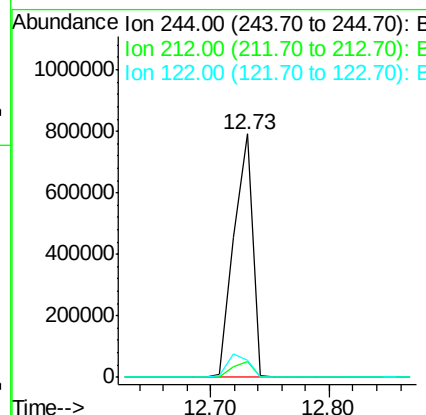
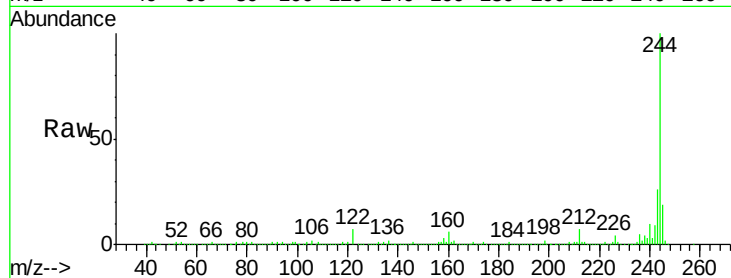




#78
 Terphenyl-d14
 Concen: 64.73 ng
 RT: 12.73 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF085003.D
 Acq: 10 Feb 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 SYS-DIS-020516

Tgt Ion:244 Resp: 868977
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 6.8 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF085003.D
 Acq: 10 Feb 2016 20:00

Tgt Ion:264 Resp: 257873
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.4 29.2
 265 21.3 17.8 26.6

