

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
 Data File : BF084697.D
 Acq On : 30 Jan 2016 21:44
 Operator : SJ/IZ
 Sample : H1297-01
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-22-ELECTRICAL

Quant Time: Feb 01 00:32:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	150107	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	438283	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	161405	20.00	ng	0.02
63) Phenanthrene-d10	11.28	188	261767	20.00	ng	0.03
75) Chrysene-d12	13.88	240	349272	20.00	ng	0.01
86) Perylene-d12	15.27	264	373381	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1069168	107.52	ng	0.01
7) Phenol-d6	6.37	99	1280225	107.41	ng	0.00
23) Nitrobenzene-d5	7.30	82	946462	120.68	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	180328	106.60	ng	0.02
44) 2-Fluorobiphenyl	9.10	172	993221	91.47	ng	0.01
78) Terphenyl-d14	12.85	244	926622	59.92	ng	0.02

Target Compounds

						Qvalue
15) Benzyl Alcohol	6.89	79	27010	3.33	ng	# 40
18) Hexachloroethane	7.21	117	17221	3.80	ng	# 1
19) n-Nitroso-di-n-propylamine	7.13	70	35695	4.90	ng	# 23
22) Acetophenone	7.13	105	275975	24.11	ng	# 41
24) Nitrobenzene	7.28	77	76769	9.21	ng	# 36
25) Isophorone	7.54	82	154596	10.52	ng	# 1
26) 2-Nitrophenol	7.65	139	18121	4.57	ng	# 1
27) 2,4-Dimethylphenol	7.68	122	29616	4.26	ng	# 8
28) bis(2-Chloroethoxy)methane	7.80	93	30366	3.44	ng	# 1
29) 2,4-Dichlorophenol	7.87	162	28390	4.67	ng	# 16
31) Naphthalene	8.02	128	128209	5.79	ng	# 1
32) Benzoic acid	7.81	122	22660	4.25	ng	# 19
33) 4-Chloroaniline	8.08	127	38479	4.28	ng	# 1
35) Caprolactam	8.48	113	313817	180.00	ng	# 7
36) 4-Chloro-3-methylphenol	8.56	107	49805	7.45	ng	# 31
42) 2,4,6-Trichlorophenol	9.04	196	14994	4.61	ng	# 15
43) 2,4,5-Trichlorophenol	9.07	196	12272	3.66	ng	# 1
45) 1,1'-Biphenyl	9.21	154	39957	2.70	ng	# 80
47) 2-Nitroaniline	9.33	65	7010	2.16	ng	# 49
48) Acenaphthylene	9.65	152	53362	3.26	ng	# 1
49) Dimethylphthalate	9.50	163	228204	18.84	ng	# 65
50) 2,6-Dinitrotoluene	9.57	165	25236	9.47	ng	# 1
51) Acenaphthene	9.82	154	111699	10.20	ng	# 67
52) 3-Nitroaniline	9.74	138	35568	12.77	ng	# 35
54) Dibenzofuran	10.00	168	71708	5.49	ng	# 1
55) 4-Nitrophenol	9.90	139	144248	70.51	ng	# 51
56) 2,4-Dinitrotoluene	10.00	165	70972	20.50	ng	# 56
57) Fluorene	10.34	166	250571	22.62	ng	# 74
60) 4-Chlorophenyl-phenylether	10.28	204	22934	4.61	ng	# 1
61) 4-Nitroaniline	10.25	138	33959	12.88	ng	# 81
62) Azobenzene	10.49	77	56537	4.98	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.36	198	9288	5.43	ng	# 1
65) n-Nitrosodiphenylamine	10.45	169	659997	77.76	ng	# 47
68) Atrazine	11.00	200	64931	25.53	ng	# 31

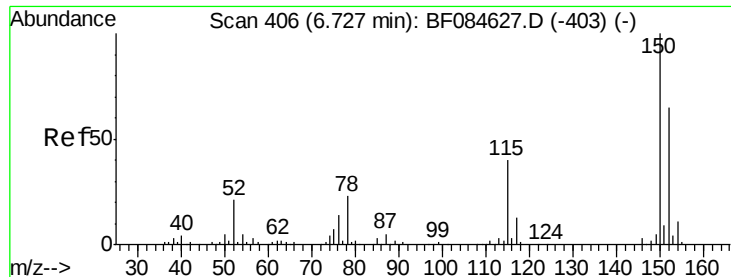
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084697.D
Acq On : 30 Jan 2016 21:44
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BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Pentachlorophenol	11.13	266	3683	2.38	ng	# 29
70) Phenanthrene	11.30	178	492001	33.99	ng	# 85
71) Anthracene	11.39	178	642937	43.69	ng	# 1
72) Carbazole	11.56	167	27798	2.19	ng	# 1
74) Fluoranthene	12.70	202	372026	26.00	ng	94
77) Pyrene	12.70	202	378257	14.36	ng	# 95
80) Benzo(a)anthracene	13.91	228	58789	2.70	ng	# 11
82) Chrysene	13.91	228	58789	2.74	ng	# 19

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

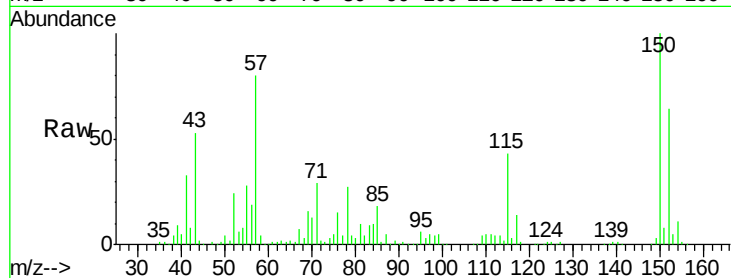


#1

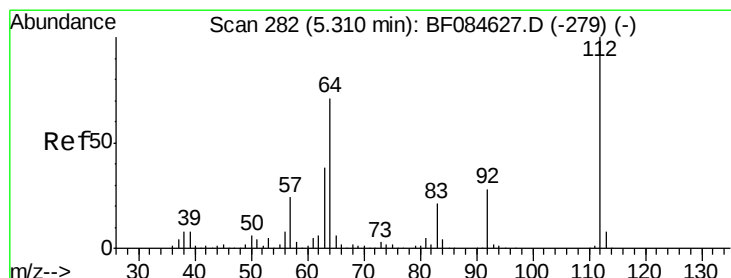
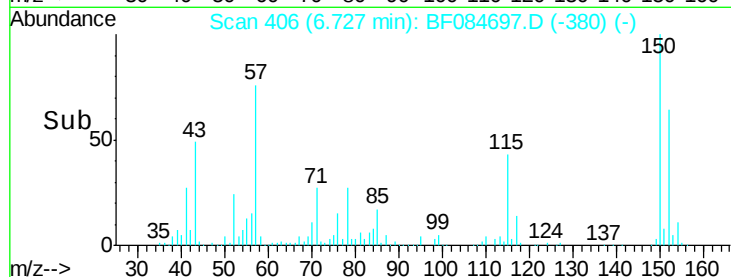
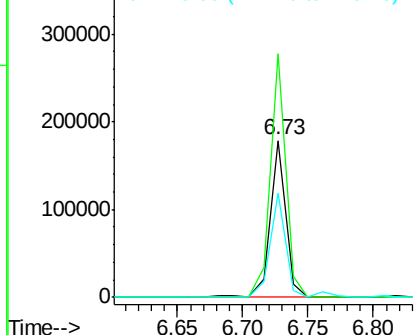
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF084697.D
Acq: 30 Jan 2016 21:44

Instrument :
BNA_F
ClientSampleId :
SAMPLE-22-ELECTRICAL

Tgt Ion:152 Resp: 150107
Ion Ratio Lower Upper
152 100
150 155.5 123.0 184.4
115 66.3 51.4 77.2



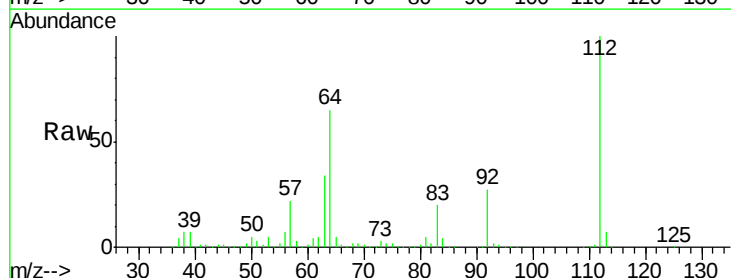
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



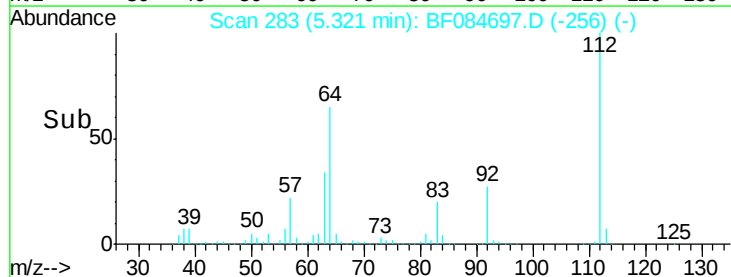
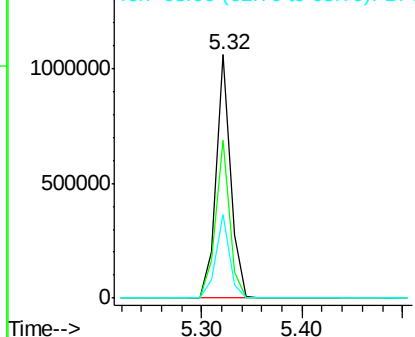
#5

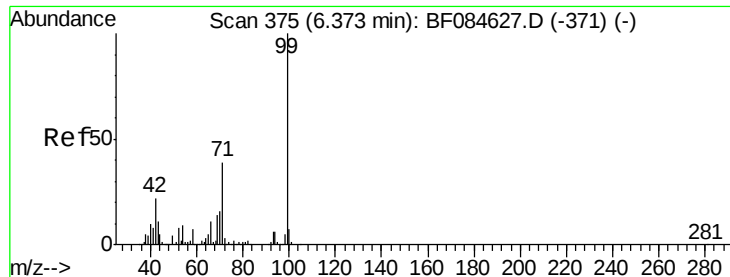
2-Fluorophenol
Concen: 107.52 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF084697.D
Acq: 30 Jan 2016 21:44

Tgt Ion:112 Resp: 1069168
Ion Ratio Lower Upper
112 100
64 65.0 36.6 55.0#
63 34.2 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: 107.41 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-22-ELECTRICAL

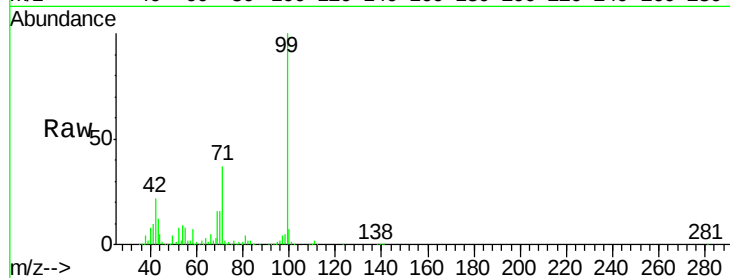
Tgt Ion: 99 Resp: 1280225

Ion Ratio Lower Upper

99 100

42 21.6 12.8 19.2#

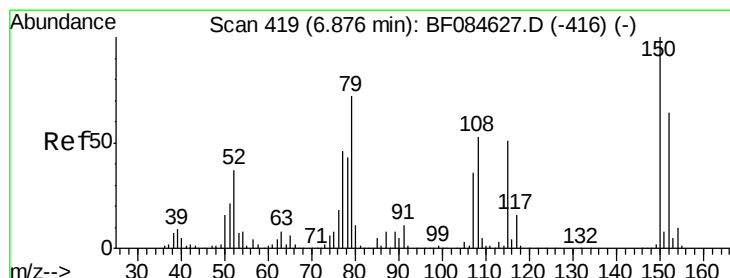
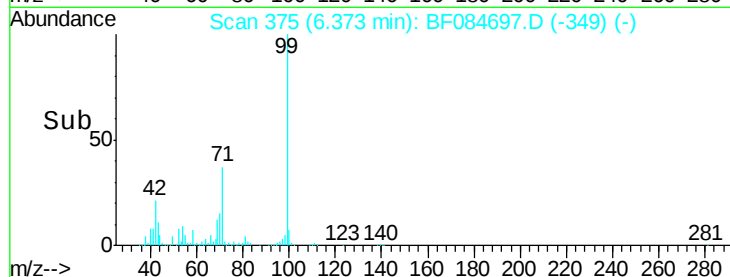
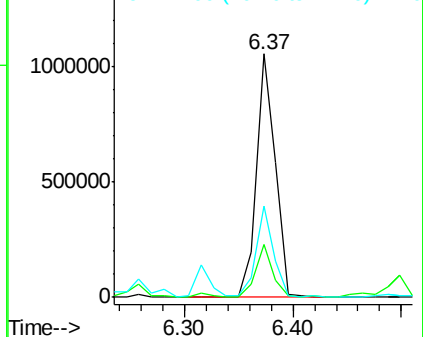
71 37.5 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 3.33 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.01 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

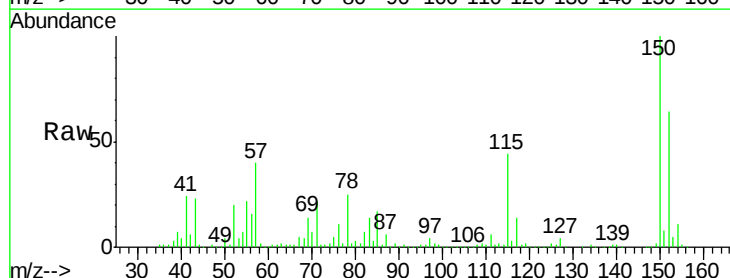
Tgt Ion: 79 Resp: 27010

Ion Ratio Lower Upper

79 100

108 25.2 69.0 103.4#

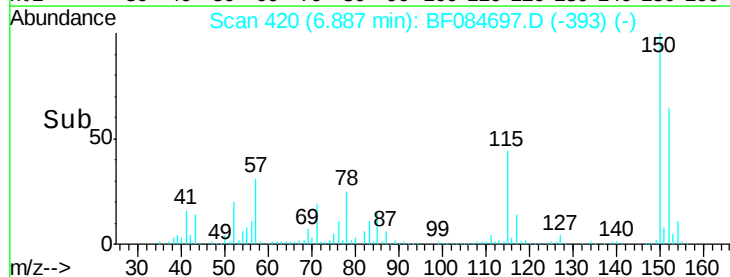
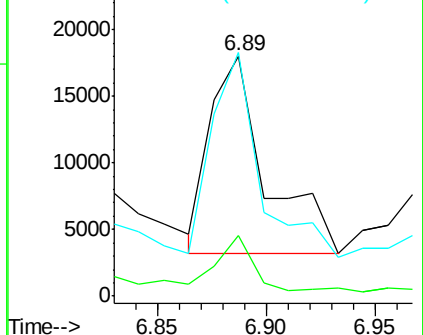
77 101.3 50.0 75.0#

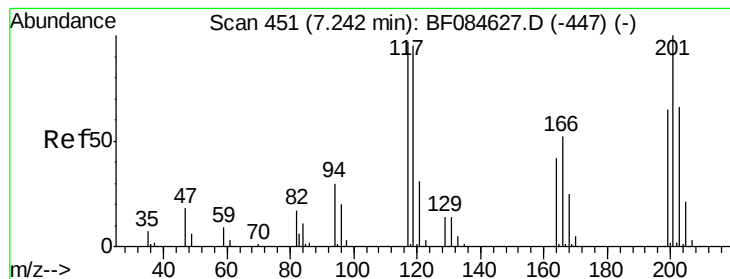


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 3.80 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.03 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-22-ELECTRICAL

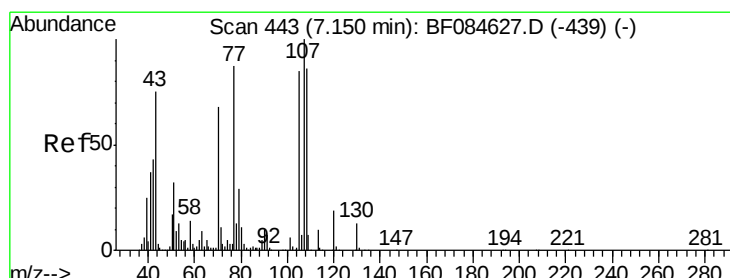
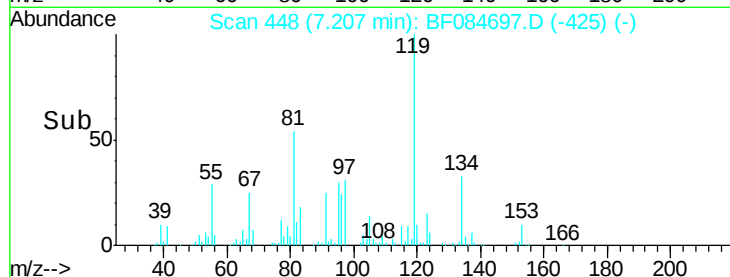
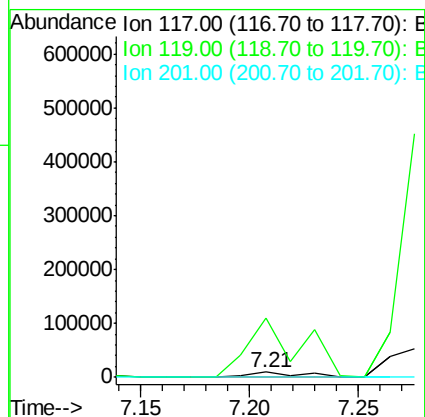
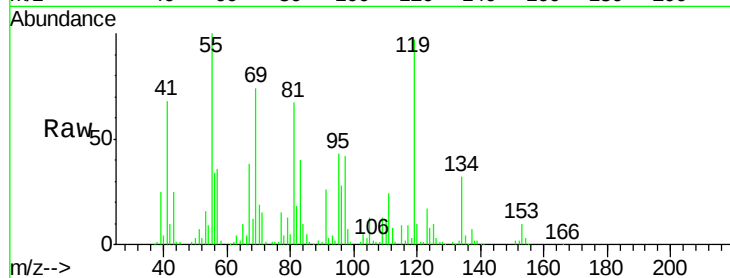
Tgt Ion: 117 Resp: 17221

Ion Ratio Lower Upper

117 100

119 1121.9 77.4 116.0#

201 0.0 68.6 103.0#



#19

n-Nitroso-di-n-propylamine

Concen: 4.90 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.02 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Tgt Ion: 70 Resp: 35695

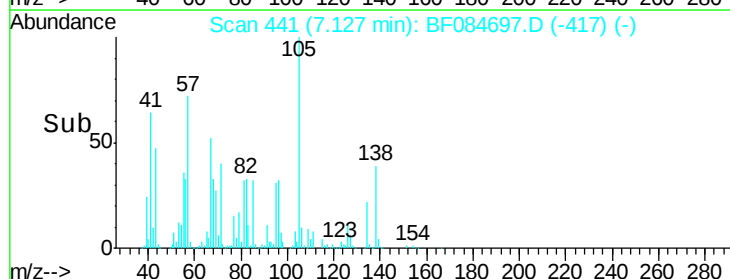
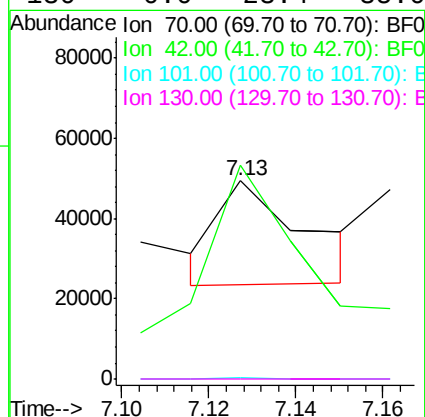
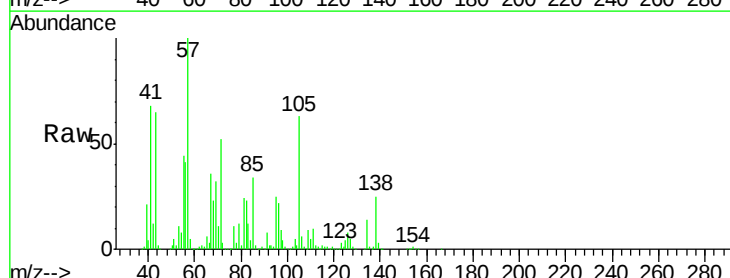
Ion Ratio Lower Upper

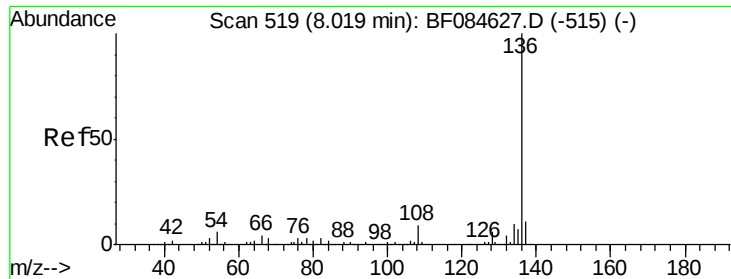
70 100

42 107.9 33.3 49.9#

101 0.6 9.3 13.9#

130 0.0 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-22-ELECTRICAL

Tgt Ion:136 Resp: 438283

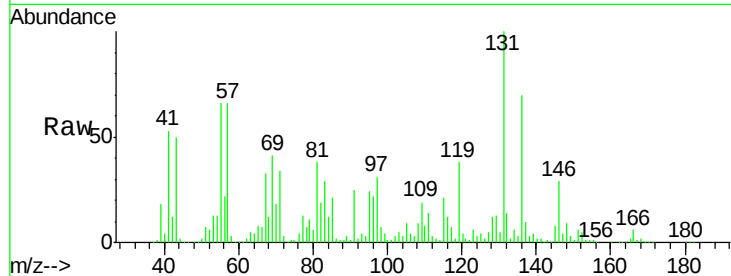
Ion Ratio Lower Upper

136 100

137 14.9 8.7 13.1#

54 19.1 5.8 8.8#

68 17.6 4.2 6.2#

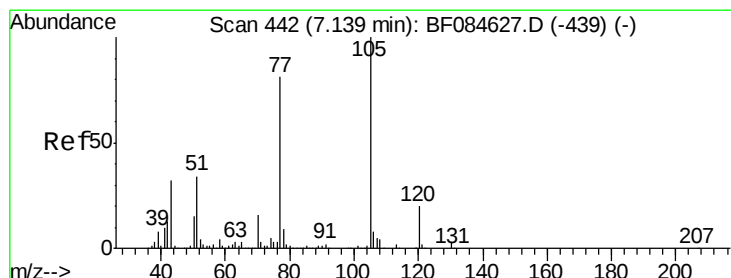
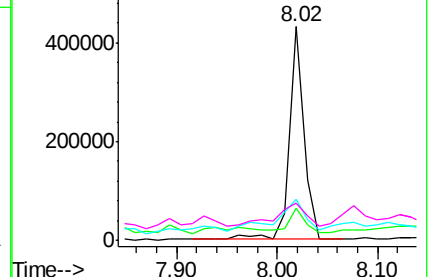
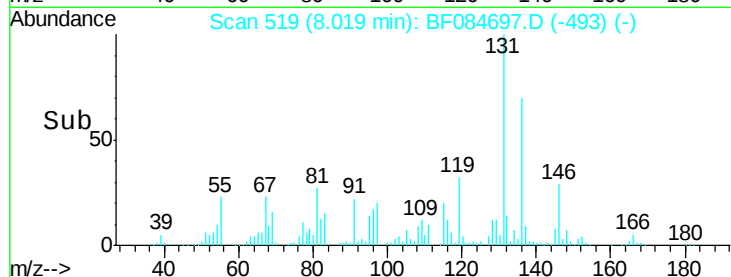


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 24.11 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Tgt Ion:105 Resp: 275975

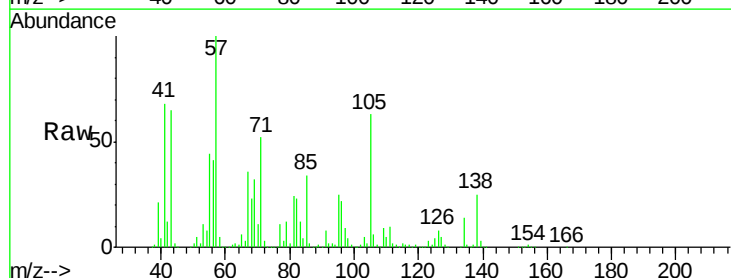
Ion Ratio Lower Upper

105 100

71 83.4 3.7 5.5#

51 8.0 25.1 37.7#

120 0.3 16.6 25.0#

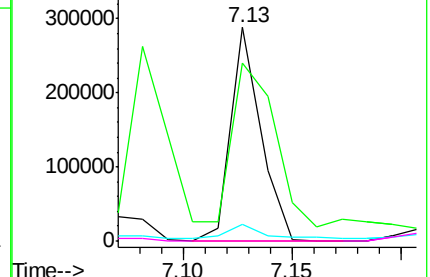
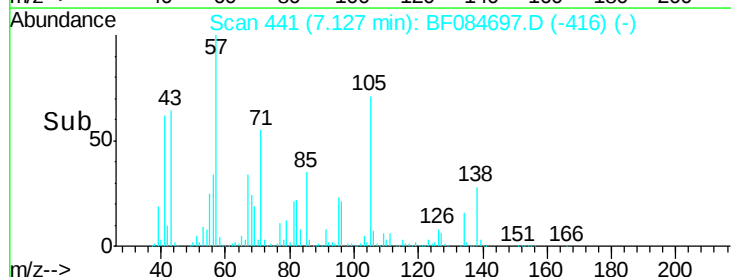


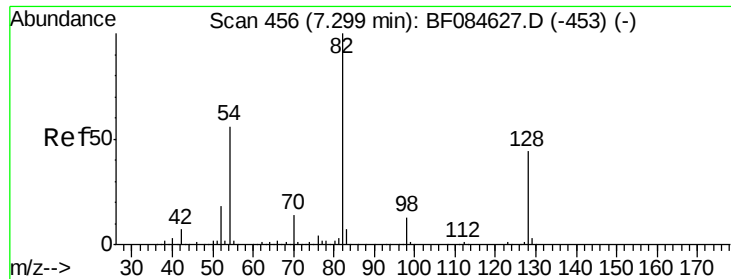
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

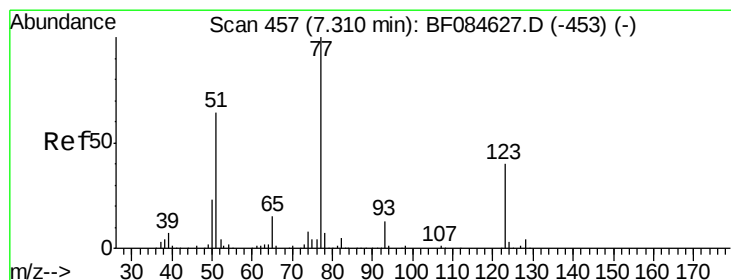
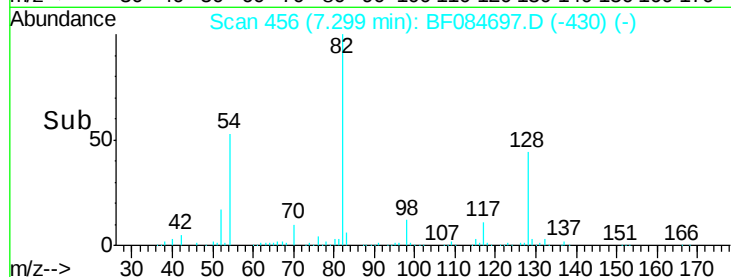
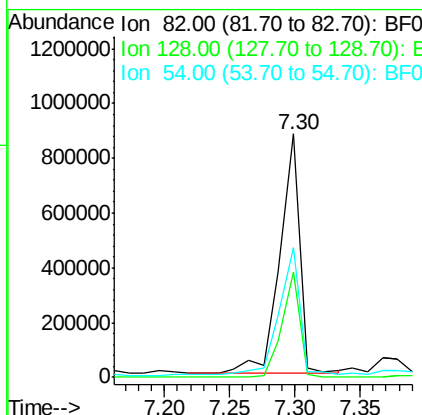
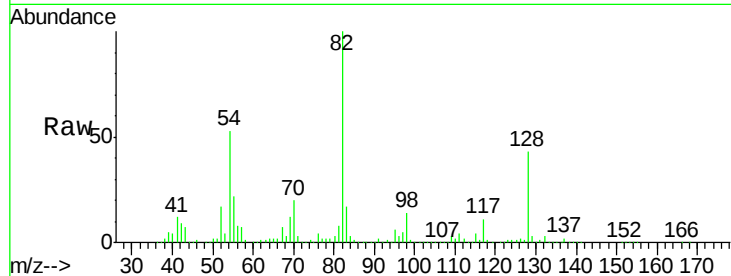




#23
 Nitrobenzene-d5
 Concen: 120.68 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF084697.D
 Acq: 30 Jan 2016 21:44

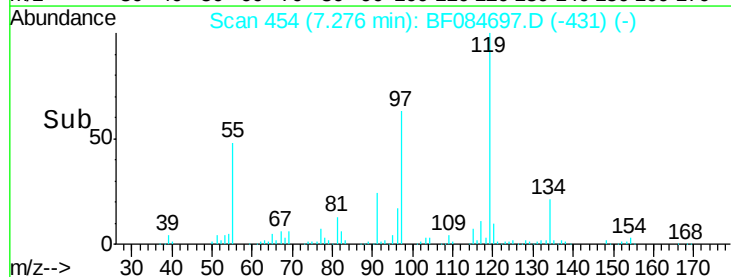
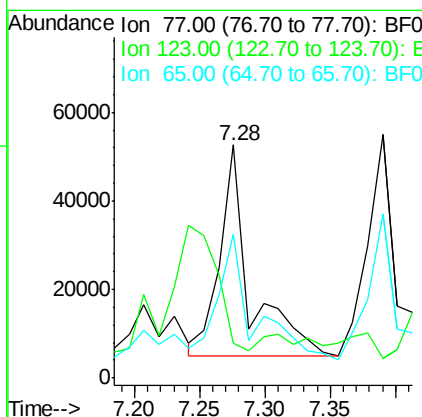
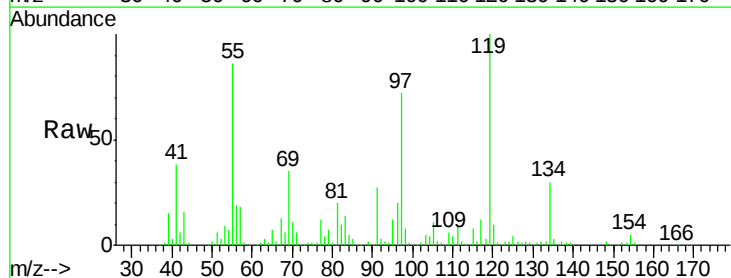
Instrument :
 BNA_F
 ClientSampleId :
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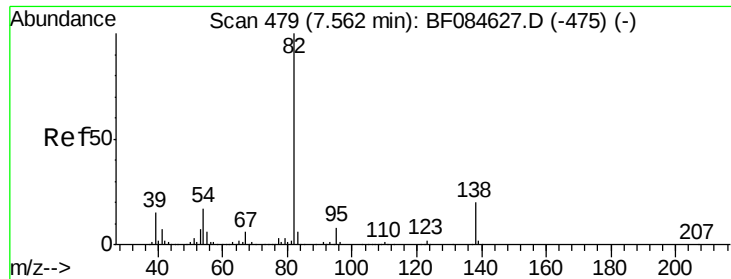
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	53.5	38.4	57.6



#24
 Nitrobenzene
 Concen: 9.21 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.03 min
 Lab File: BF084697.D
 Acq: 30 Jan 2016 21:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	14.7	37.4	56.2#
65	61.5	10.9	16.3#





#25

Isophorone

Concen: 10.52 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-22-ELECTRICAL

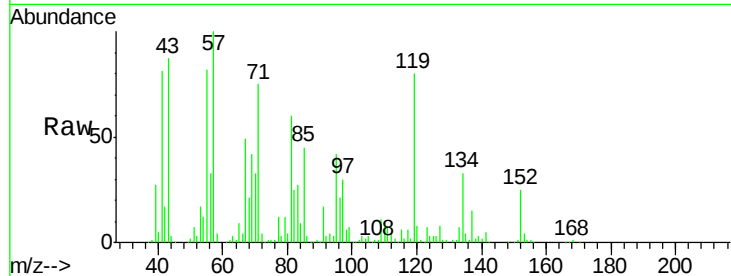
Tgt Ion: 82 Resp: 154596

Ion Ratio Lower Upper

82 100

95 169.0 6.6 10.0#

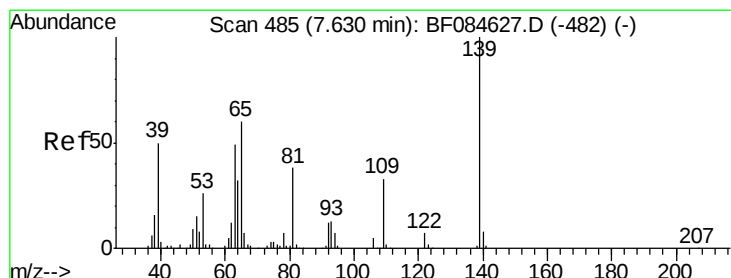
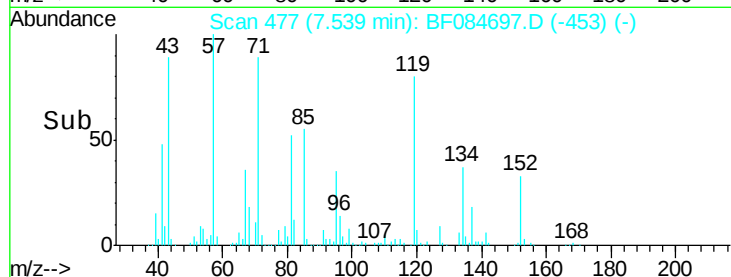
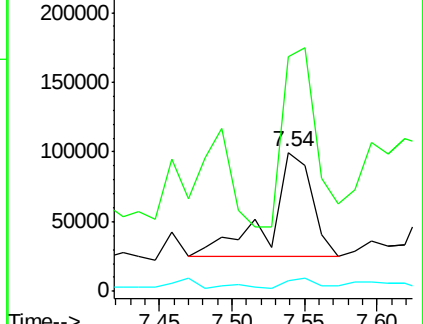
138 8.1 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 4.57 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.02 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

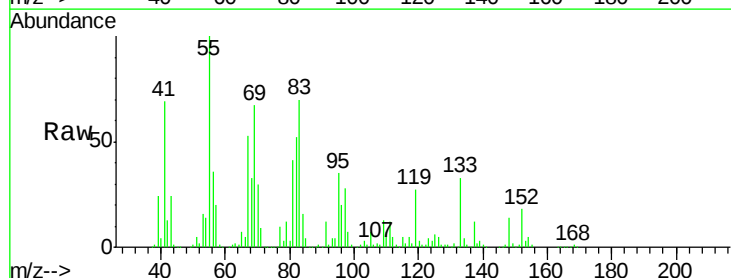
Tgt Ion: 139 Resp: 18121

Ion Ratio Lower Upper

139 100

109 482.6 25.4 38.2#

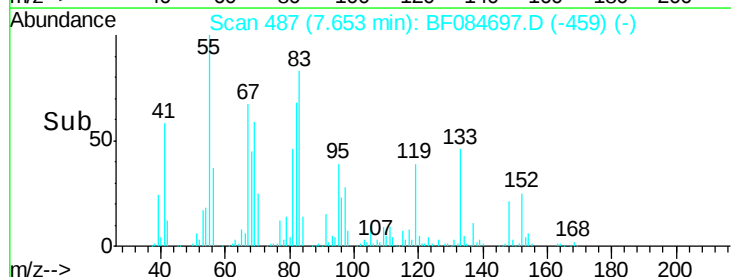
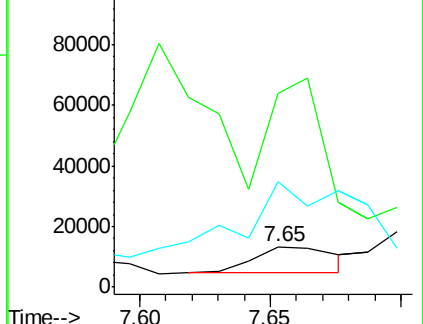
65 261.8 32.3 48.5#

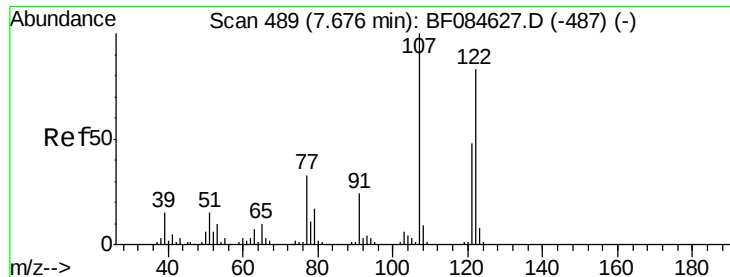


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

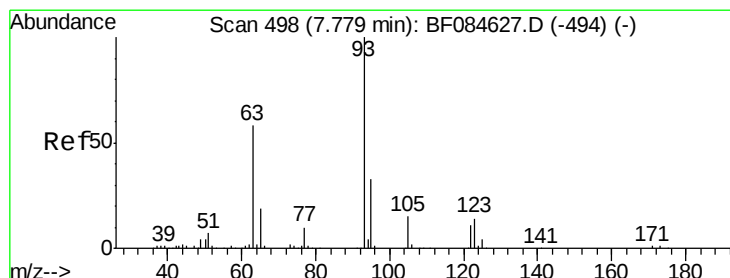
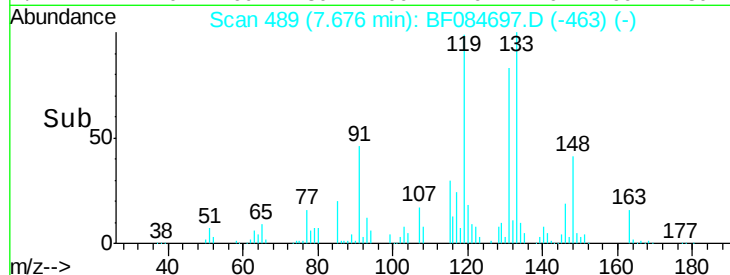
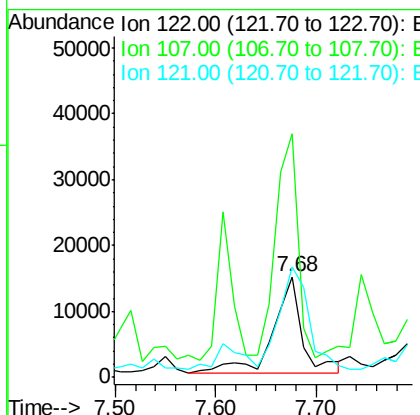
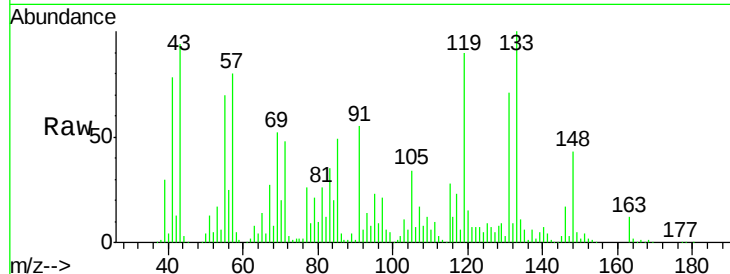




#27
 2,4-Dimethylphenol
 Concen: 4.26 ng
 RT: 7.68 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF084697.D
 Acq: 30 Jan 2016 21:44

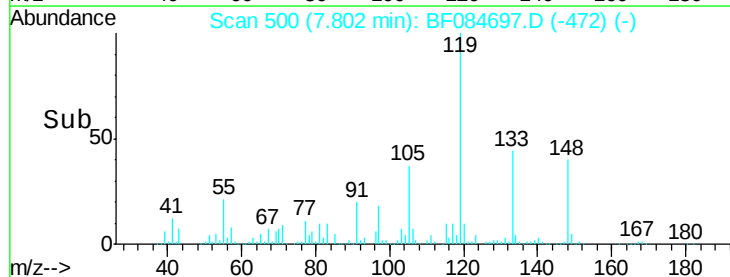
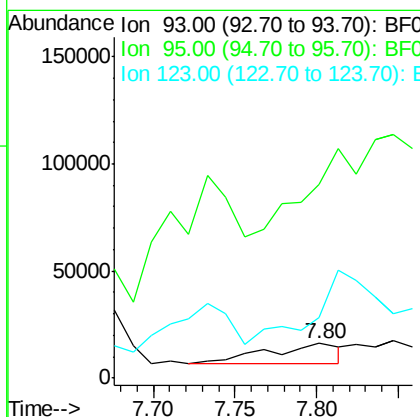
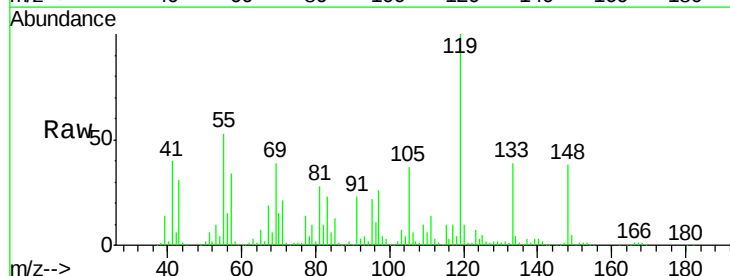
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-22-ELECTRICAL

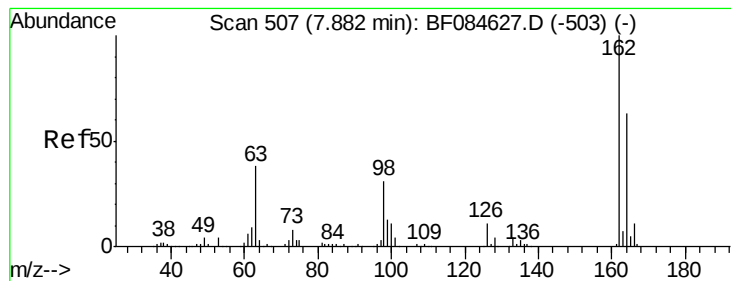
Tgt Ion: 122 Resp: 29616
 Ion Ratio Lower Upper
 122 100
 107 242.1 99.1 148.7#
 121 109.6 47.9 71.9#



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.44 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.02 min
 Lab File: BF084697.D
 Acq: 30 Jan 2016 21:44

Tgt Ion: 93 Resp: 30366
 Ion Ratio Lower Upper
 93 100
 95 555.8 25.8 38.6#
 123 175.3 8.6 12.8#





#29

2,4-Dichlorophenol

Concen: 4.67 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-22-ELECTRICAL

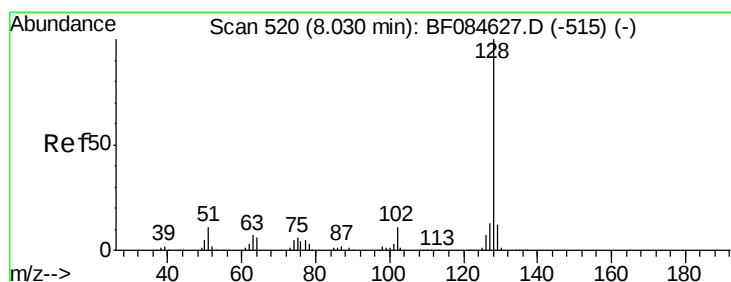
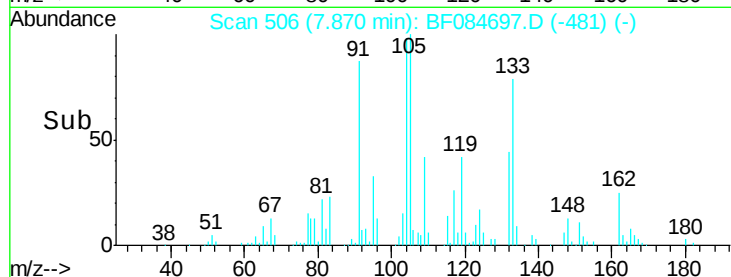
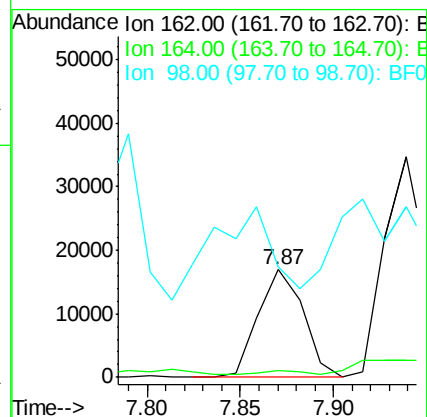
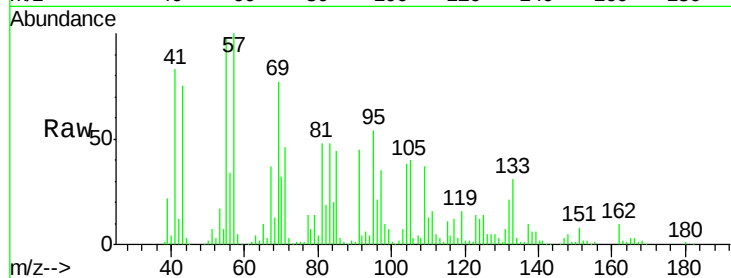
Tgt Ion:162 Resp: 28390

Ion Ratio Lower Upper

162 100

164 6.7 44.1 84.1#

98 102.6 20.2 60.2#



#31

Naphthalene

Concen: 5.79 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

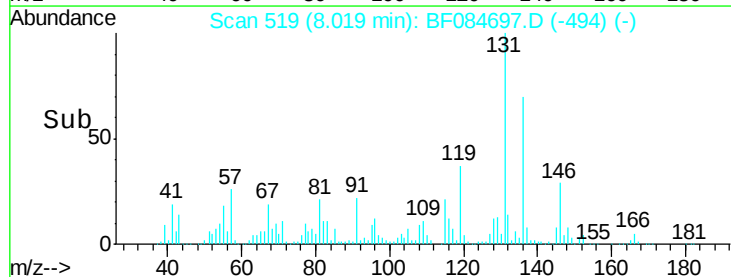
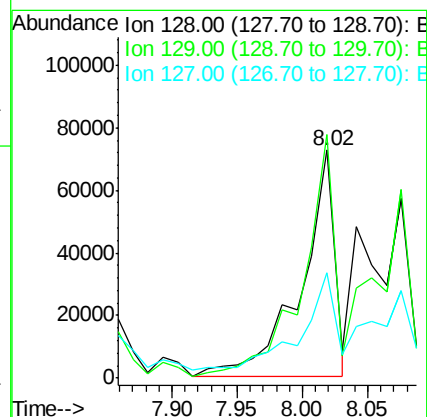
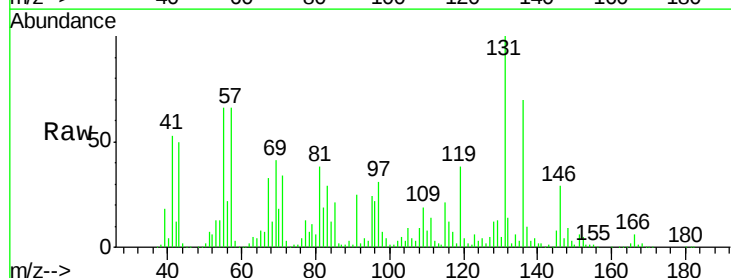
Tgt Ion:128 Resp: 128209

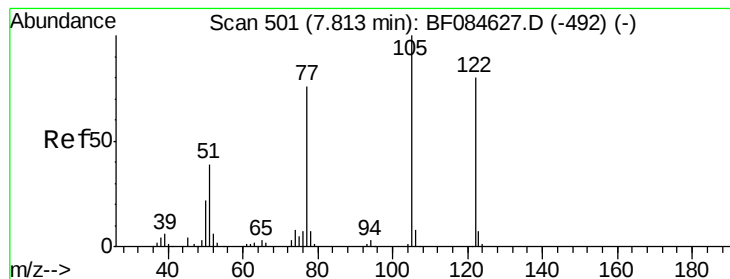
Ion Ratio Lower Upper

128 100

129 106.8 9.1 13.7#

127 46.4 11.1 16.7#





#32

Benzoic acid

Concen: 4.25 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-22-ELECTRICAL

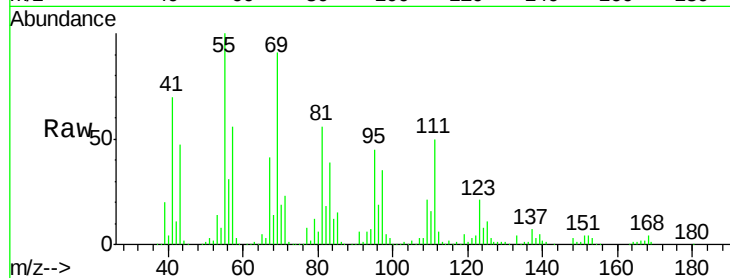
Tgt Ion:122 Resp: 22660

Ion Ratio Lower Upper

122 100

105 56.8 100.3 140.3#

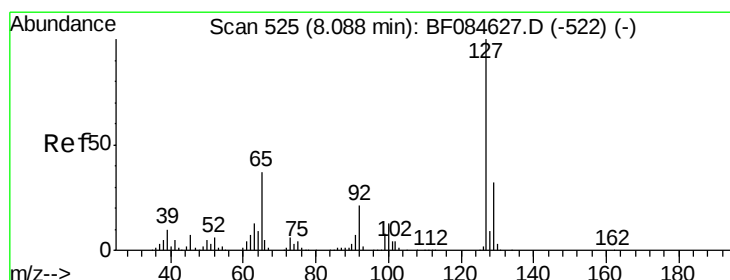
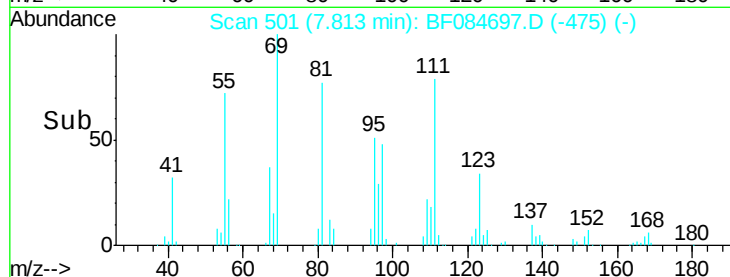
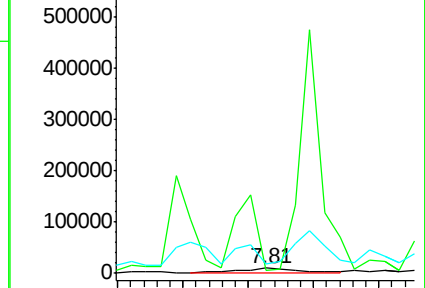
77 186.9 63.5 103.5#



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



#33

4-Chloroaniline

Concen: 4.28 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Tgt Ion:127 Resp: 38479

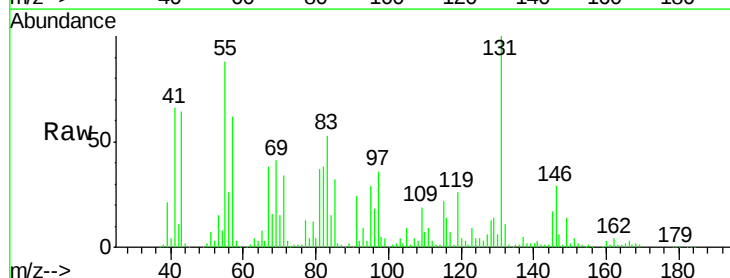
Ion Ratio Lower Upper

127 100

129 214.4 26.5 39.7#

65 129.2 27.2 40.8#

92 39.7 17.7 26.5#

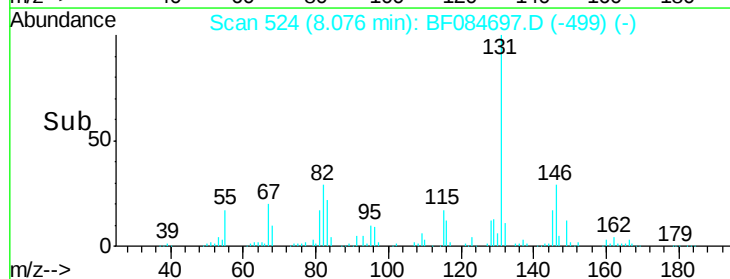
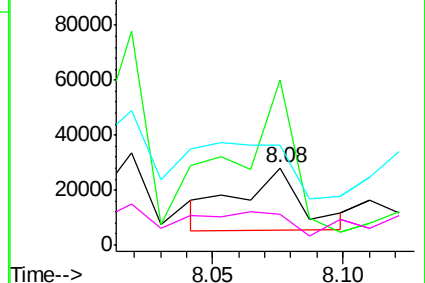


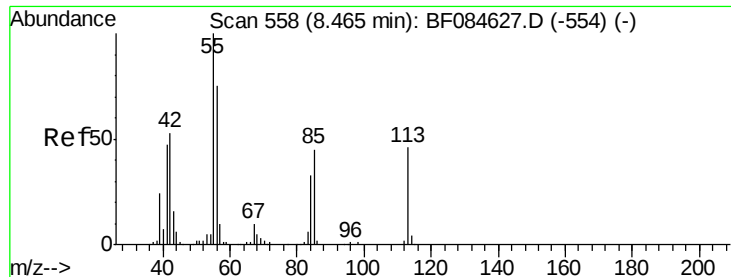
Abundance Ion 127.00 (126.70 to 127.70): E

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: 180.00 ng

RT: 8.48 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-22-ELECTRICAL

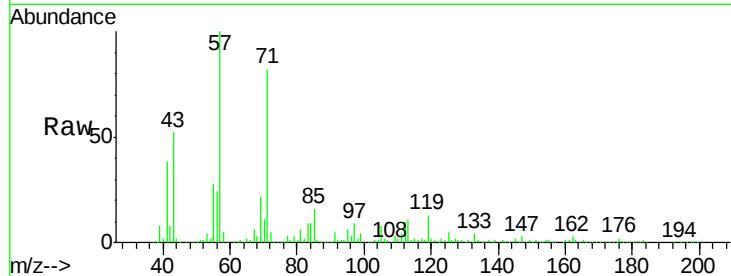
Tgt Ion:113 Resp: 313817

Ion Ratio Lower Upper

113 100

55 248.9 116.9 156.9#

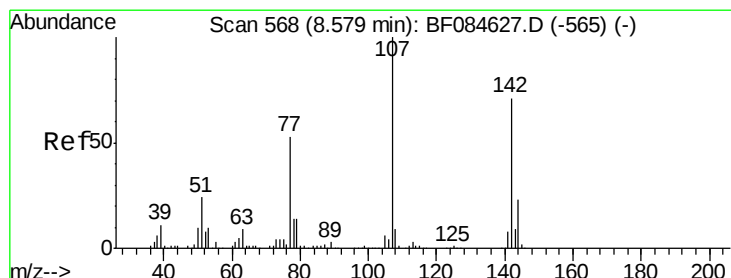
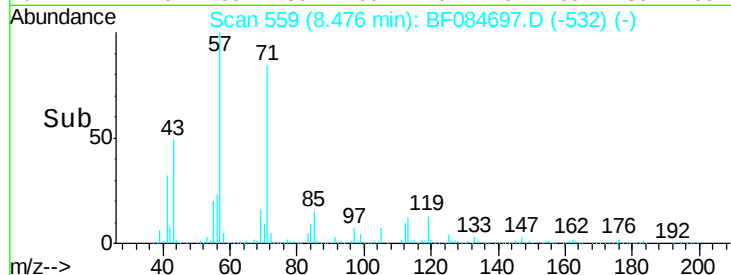
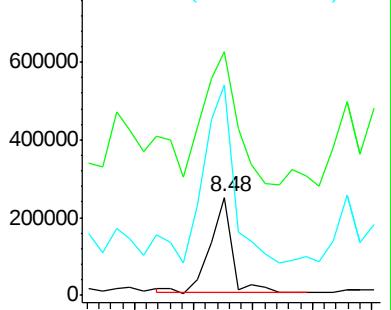
56 214.7 93.8 133.8#



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: 7.45 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

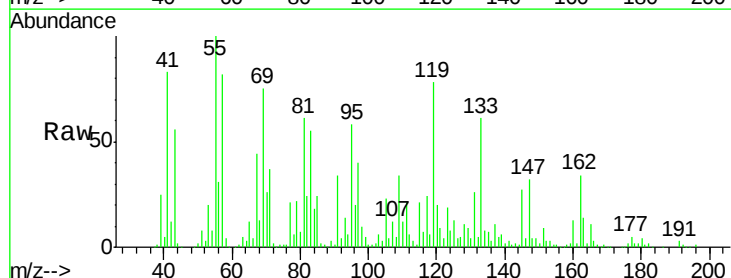
Tgt Ion:107 Resp: 49805

Ion Ratio Lower Upper

107 100

144 9.0 19.7 29.5#

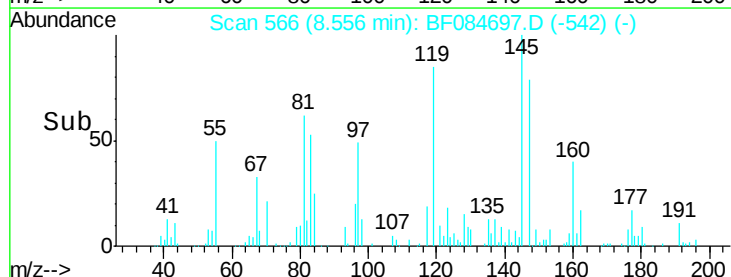
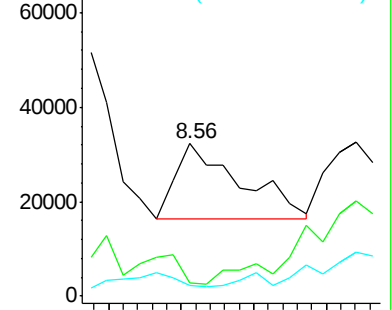
142 6.9 61.8 92.6#

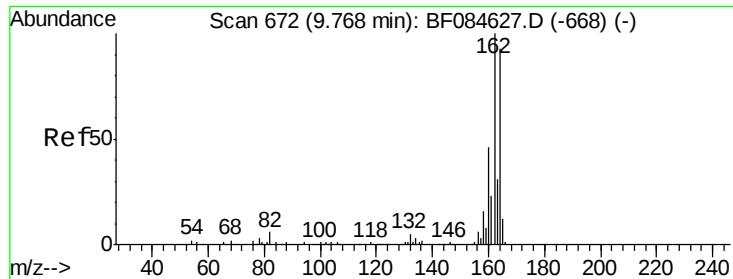


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

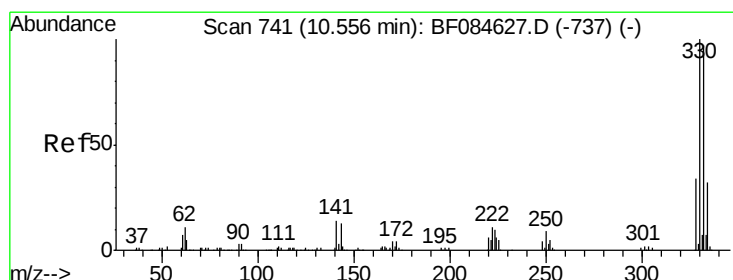
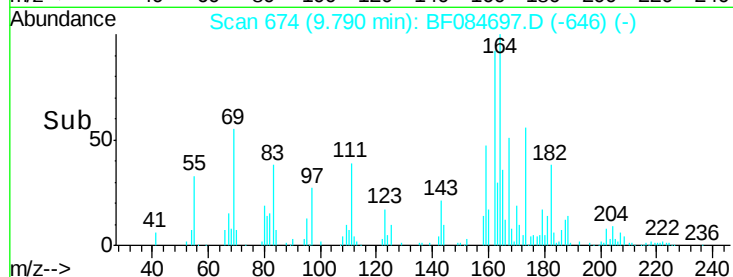
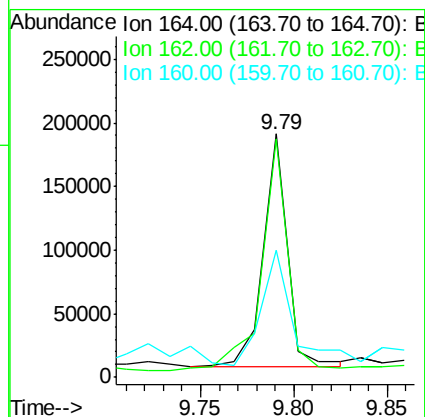
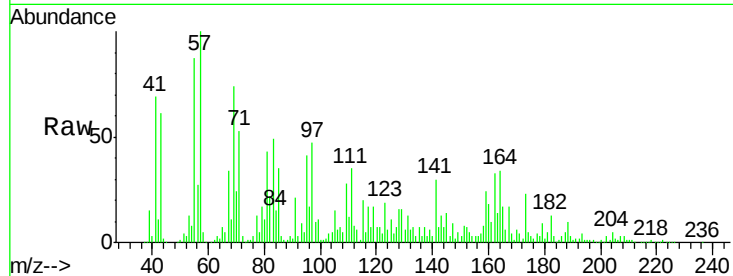




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.02 min
Lab File: BF084697.D
Acq: 30 Jan 2016 21:44

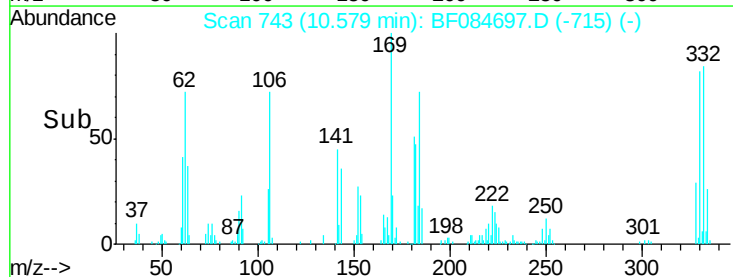
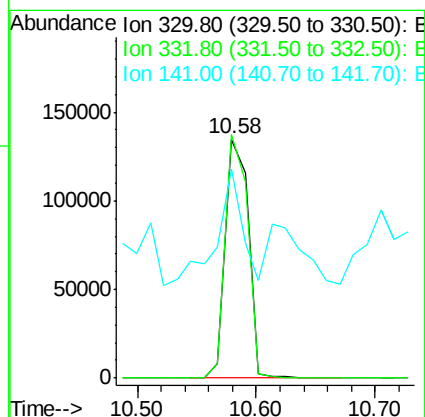
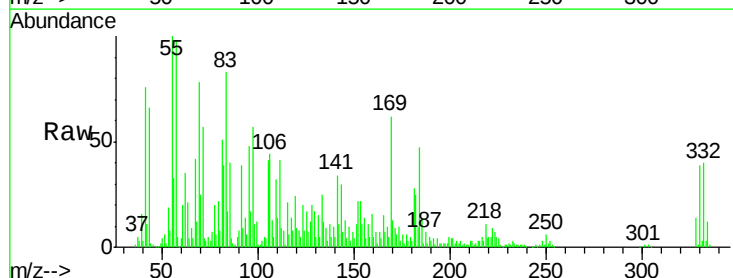
Instrument :
BNA_F
ClientSampleId :
SAMPLE-22-ELECTRICAL

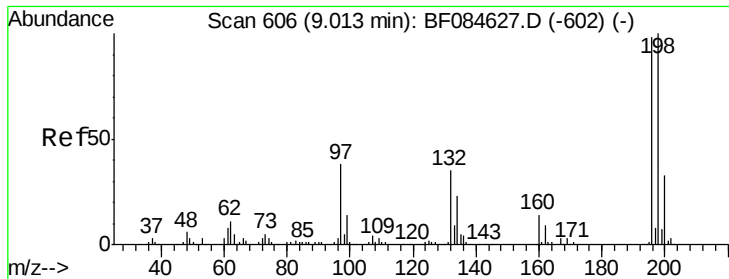
Tgt Ion:164 Resp: 161405
Ion Ratio Lower Upper
164 100
162 97.9 85.1 127.7
160 52.2 37.5 56.3



#41
2,4,6-Tribromophenol
Concen: 106.60 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.02 min
Lab File: BF084697.D
Acq: 30 Jan 2016 21:44

Tgt Ion:330 Resp: 180328
Ion Ratio Lower Upper
330 100
332 98.8 76.6 114.8
141 47.4 27.8 41.6#

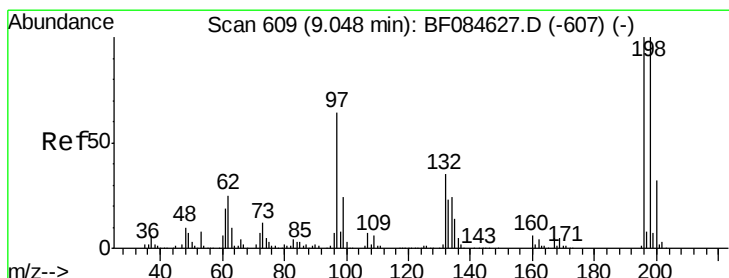
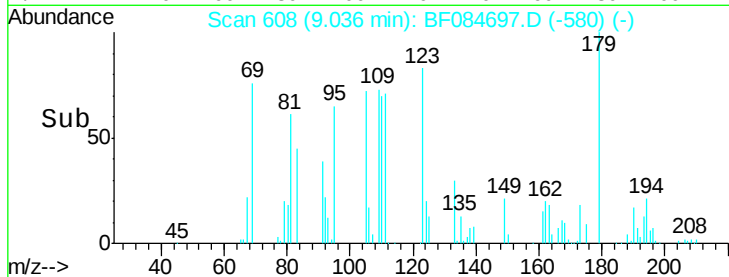
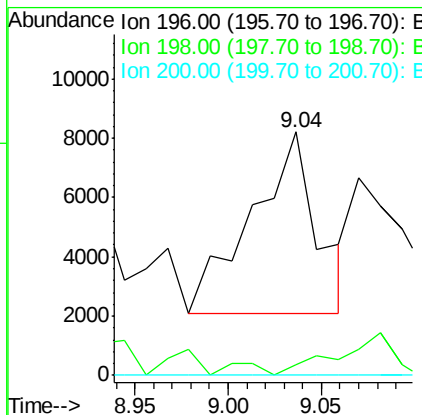
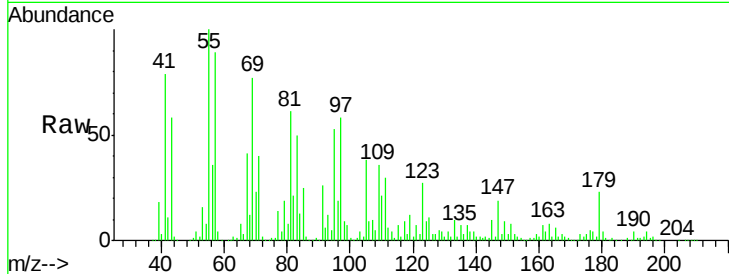




#42
 2,4,6-Trichlorophenol
 Concen: 4.61 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.02 min
 Lab File: BF084697.D
 Acq: 30 Jan 2016 21:44

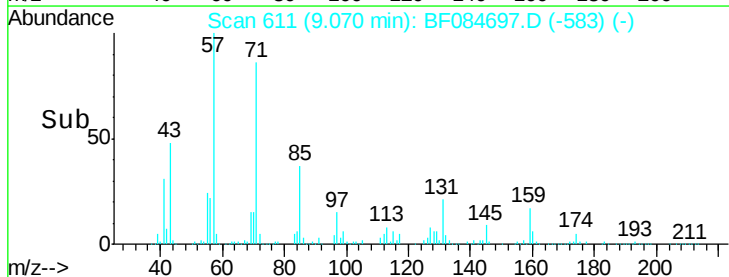
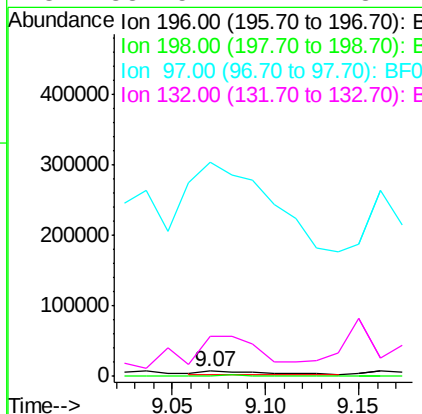
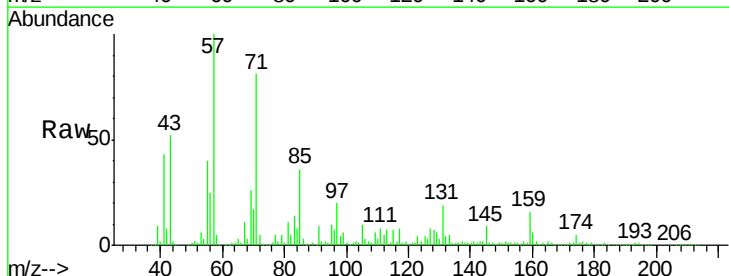
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-22-ELECTICAL

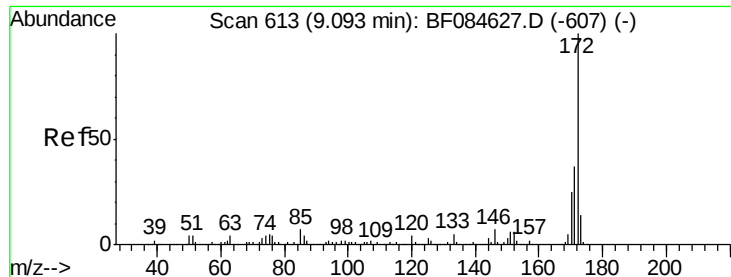
Tgt Ion:196 Resp: 14994
 Ion Ratio Lower Upper
 196 100
 198 4.2 77.7 116.5#
 200 0.0 24.6 37.0#



#43
 2,4,5-Trichlorophenol
 Concen: 3.66 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.02 min
 Lab File: BF084697.D
 Acq: 30 Jan 2016 21:44

Tgt Ion:196 Resp: 12272
 Ion Ratio Lower Upper
 196 100
 198 13.1 79.0 118.6#
 97 4541.7 33.0 49.6#
 132 831.5 21.1 31.7#





#44

2-Fluorobiphenyl

Concen: 91.47 ng

RT: 9.10 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-22-ELECTRICAL

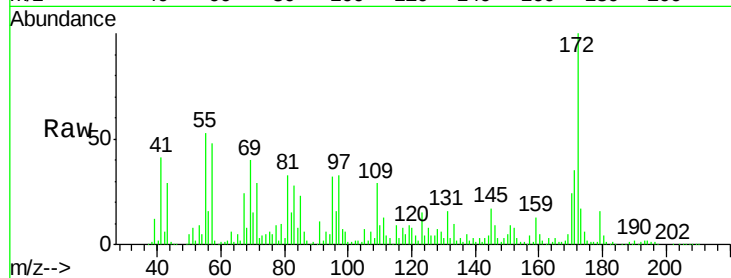
Tgt Ion:172 Resp: 993221

Ion Ratio Lower Upper

172 100

171 35.2 28.9 43.3

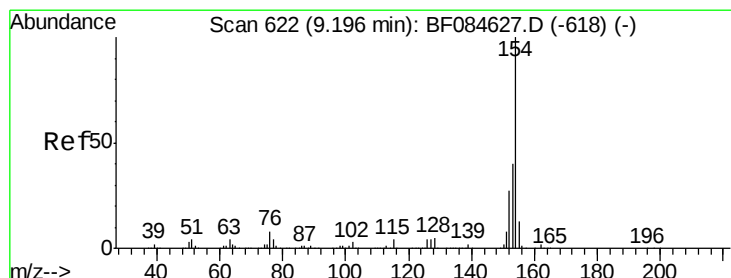
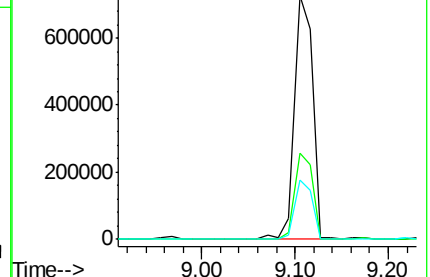
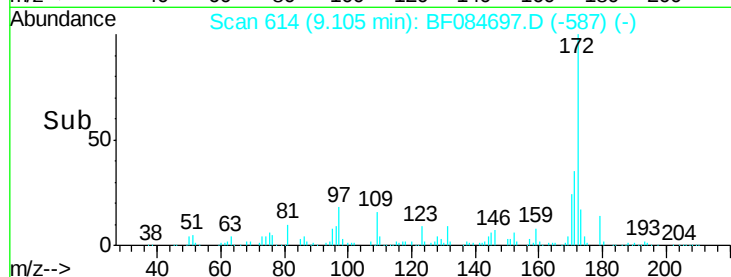
170 24.1 18.6 27.8



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



#45

1,1'-Biphenyl

Concen: 2.70 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.01 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

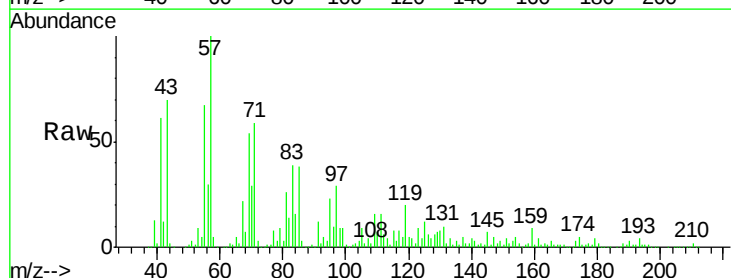
Tgt Ion:154 Resp: 39957

Ion Ratio Lower Upper

154 100

153 53.8 21.6 61.6

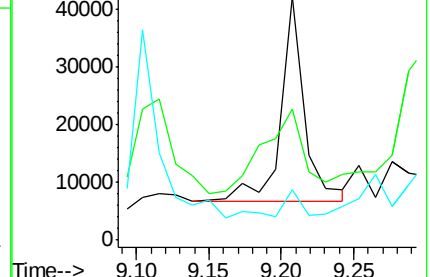
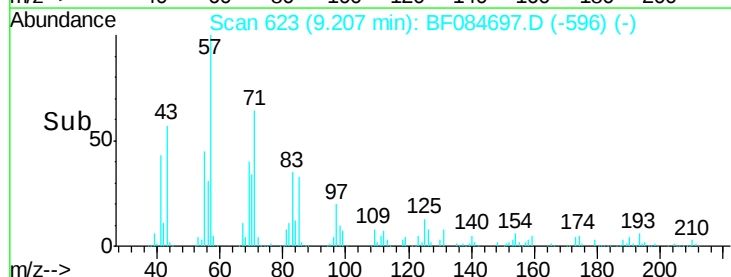
76 20.7 0.0 32.7

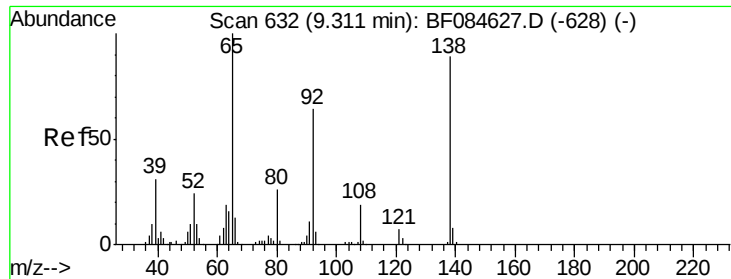


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

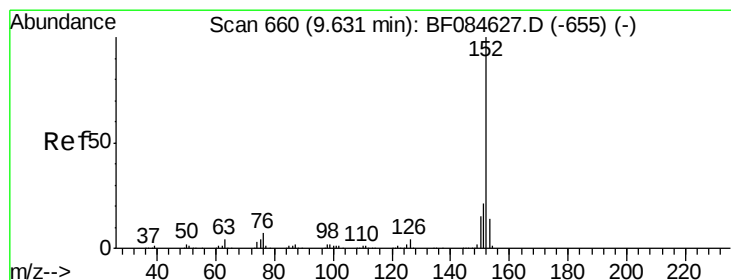
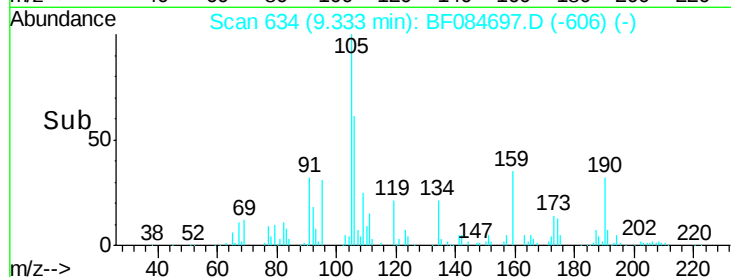
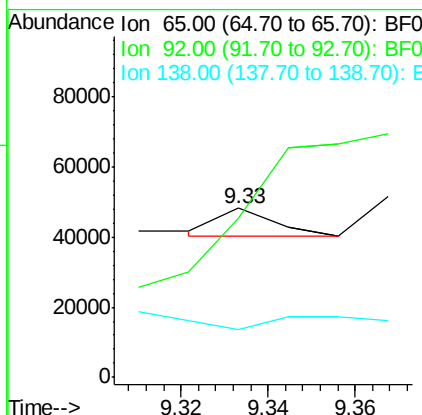
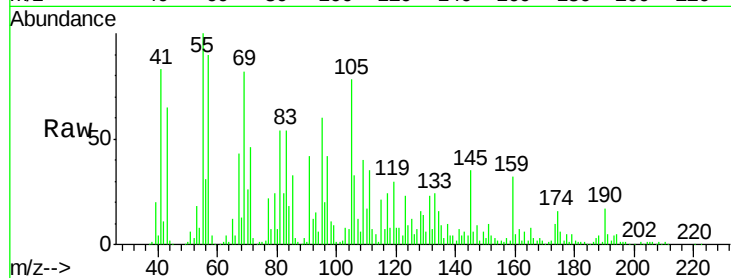




#47
2-Nitroaniline
Concen: 2.16 ng
RT: 9.33 min Scan# 634
Delta R.T. 0.02 min
Lab File: BF084697.D
Acq: 30 Jan 2016 21:44

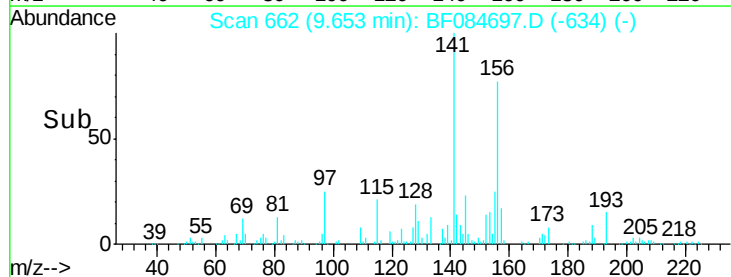
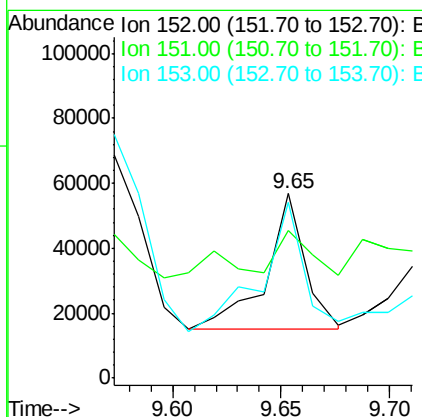
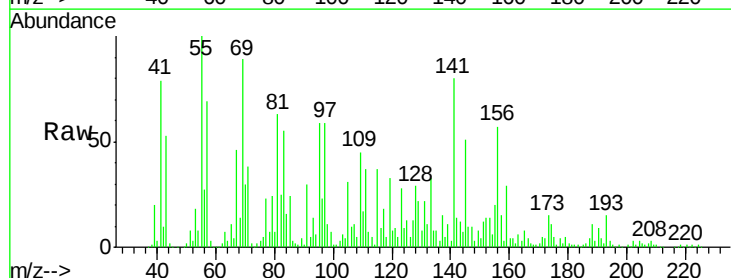
Instrument :
BNA_F
ClientSampleId :
SAMPLE-22-ELECTRICAL

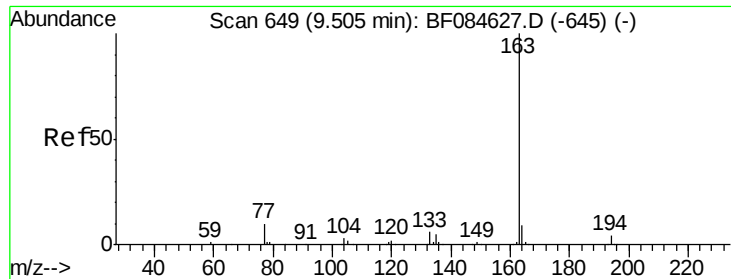
Tgt Ion: 65 Resp: 7010
Ion Ratio Lower Upper
65 100
92 93.8 53.4 80.2#
138 28.5 71.1 106.7#



#48
Acenaphthylene
Concen: 3.26 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.02 min
Lab File: BF084697.D
Acq: 30 Jan 2016 21:44

Tgt Ion: 152 Resp: 53362
Ion Ratio Lower Upper
152 100
151 80.2 16.3 24.5#
153 95.4 10.4 15.6#

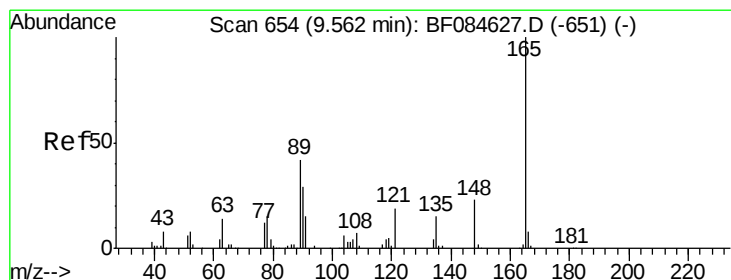
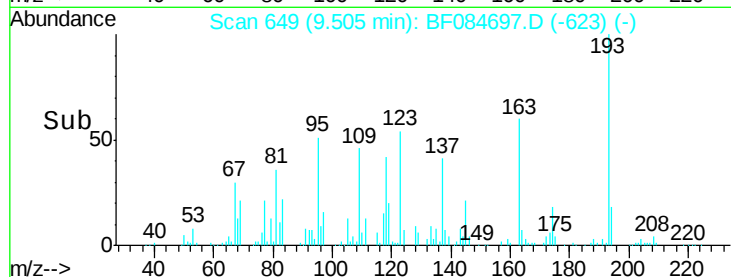
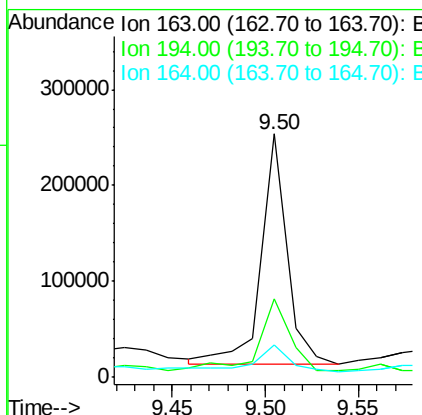
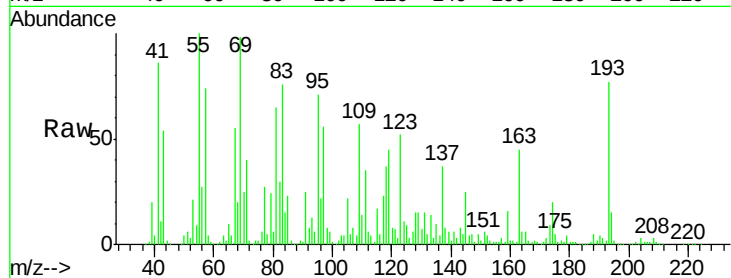




#49
Dimethylphthalate
Concen: 18.84 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF084697.D
Acq: 30 Jan 2016 21:44

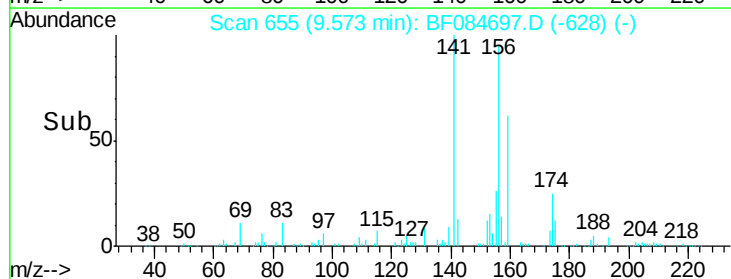
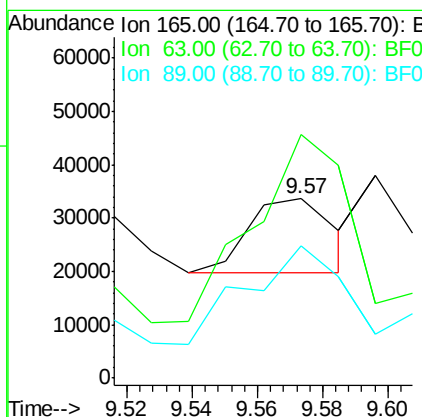
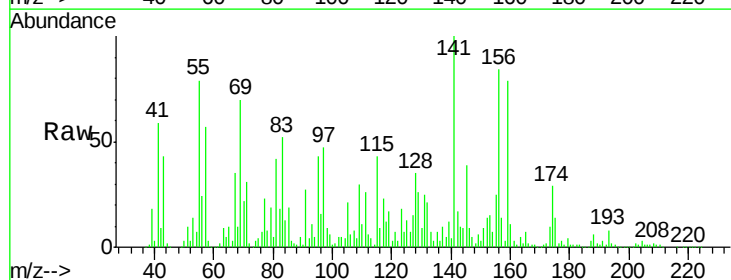
Instrument :
BNA_F
ClientSampleId :
SAMPLE-22-ELECTRICAL

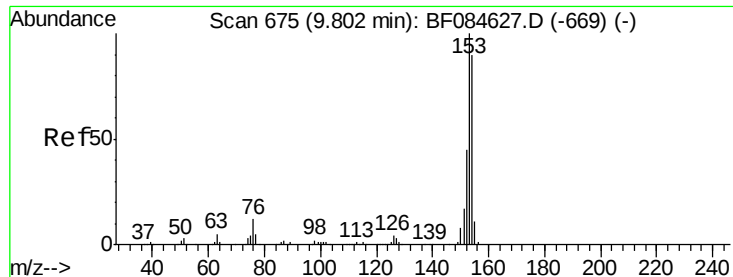
Tgt Ion:163 Resp: 228204
Ion Ratio Lower Upper
163 100
194 32.5 8.0 12.0#
164 13.5 8.0 12.0#



#50
2,6-Dinitrotoluene
Concen: 9.47 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.01 min
Lab File: BF084697.D
Acq: 30 Jan 2016 21:44

Tgt Ion:165 Resp: 25236
Ion Ratio Lower Upper
165 100
63 135.8 28.8 43.2#
89 73.9 35.1 52.7#





#51

Acenaphthene

Concen: 10.20 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.02 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-22-ELECTRICAL

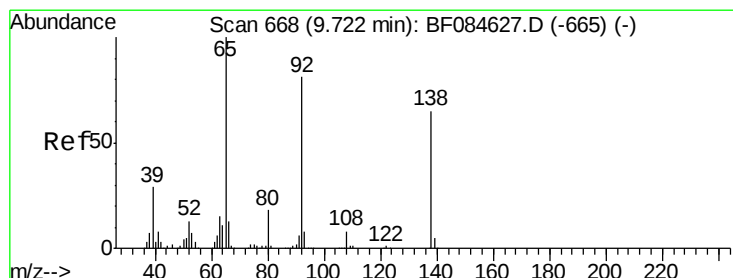
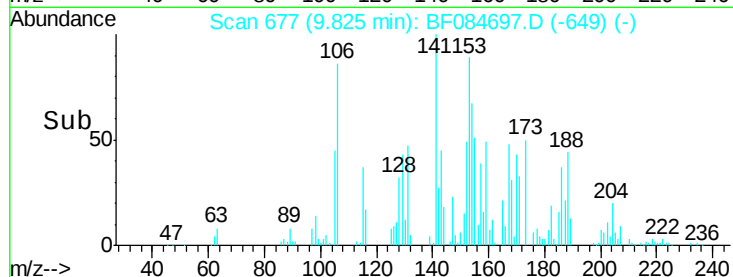
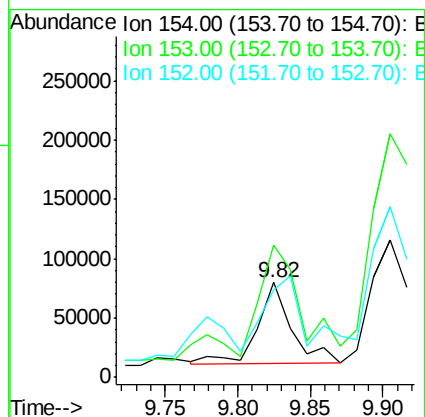
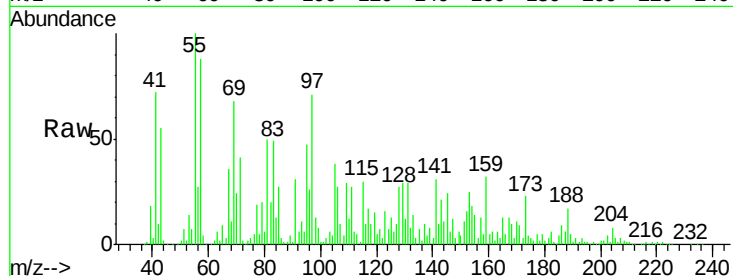
Tgt Ion:154 Resp: 111699

Ion Ratio Lower Upper

154 100

153 139.1 91.5 137.3#

152 92.9 43.0 64.6#



#52

3-Nitroaniline

Concen: 12.77 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.02 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

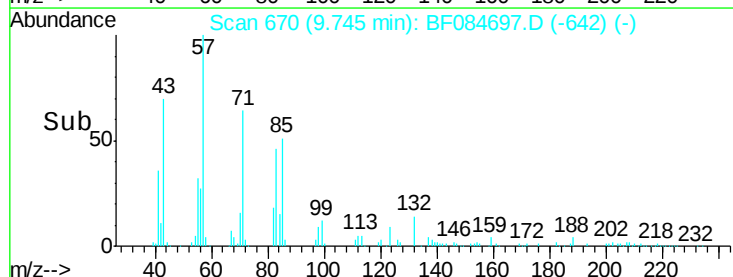
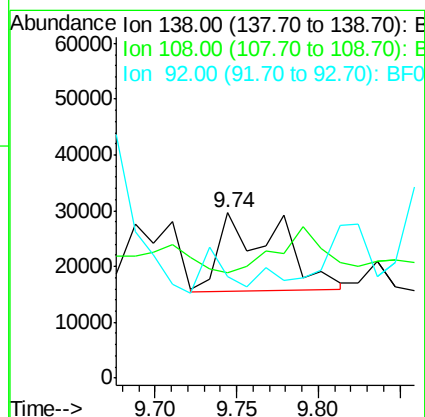
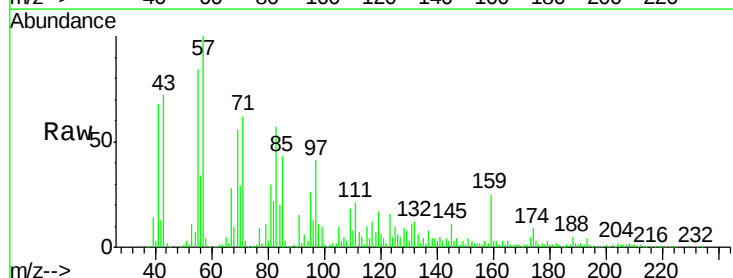
Tgt Ion:138 Resp: 35568

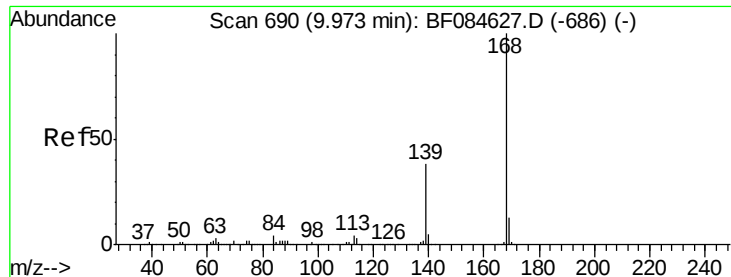
Ion Ratio Lower Upper

138 100

108 64.0 10.5 15.7#

92 61.5 103.9 155.9#

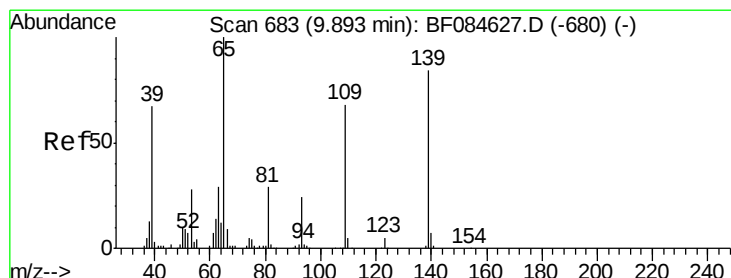
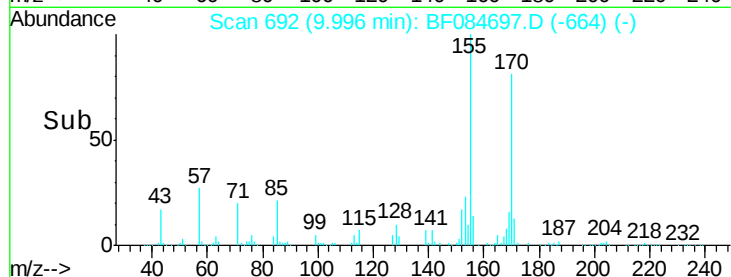
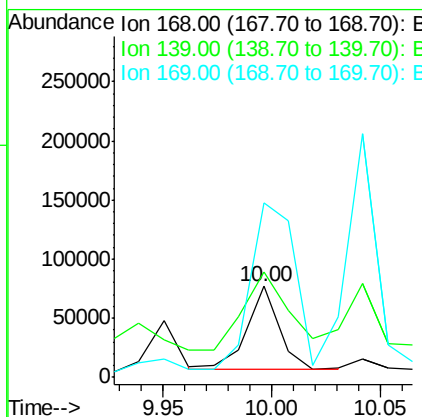
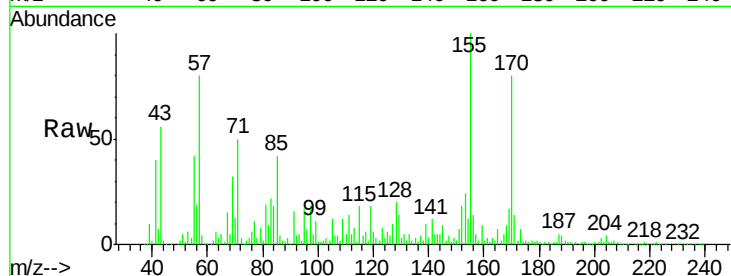




#54
Dibenzofuran
Concen: 5.49 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.02 min
Lab File: BF084697.D
Acq: 30 Jan 2016 21:44

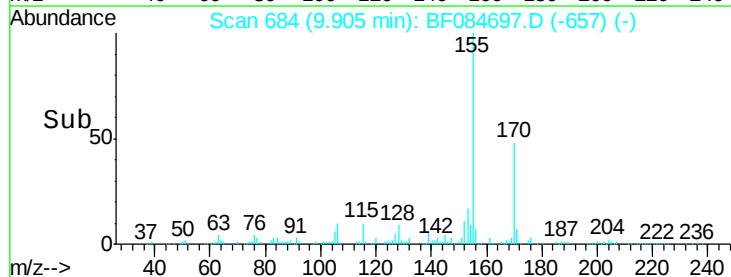
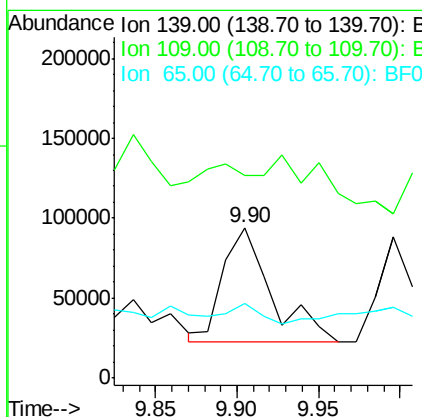
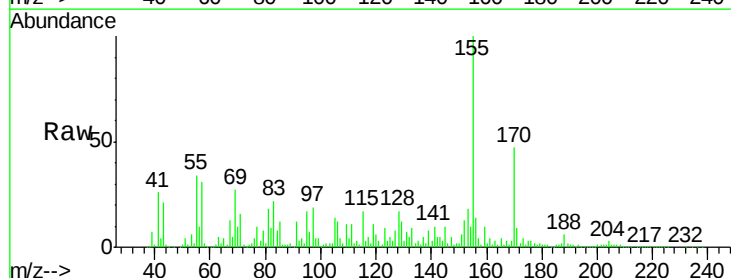
Instrument :
BNA_F
ClientSampleId :
SAMPLE-22-ELECTRICAL

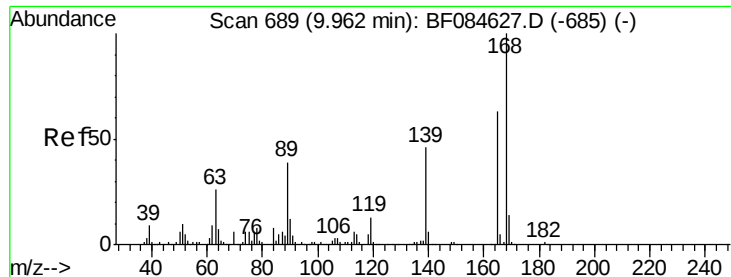
Tgt Ion:168 Resp: 71708
Ion Ratio Lower Upper
168 100
139 114.9 30.5 45.7#
169 191.1 10.4 15.6#



#55
4-Nitrophenol
Concen: 70.51 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF084697.D
Acq: 30 Jan 2016 21:44

Tgt Ion:139 Resp: 144248
Ion Ratio Lower Upper
139 100
109 134.9 58.5 98.5#
65 49.2 57.6 97.6#

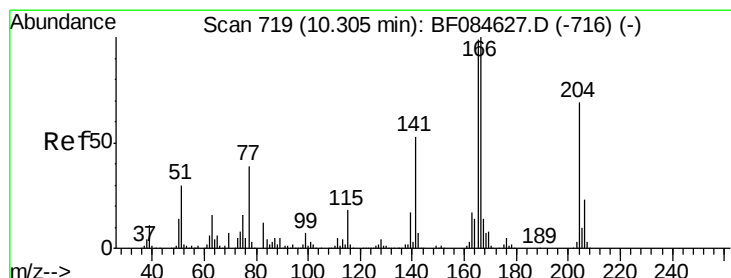
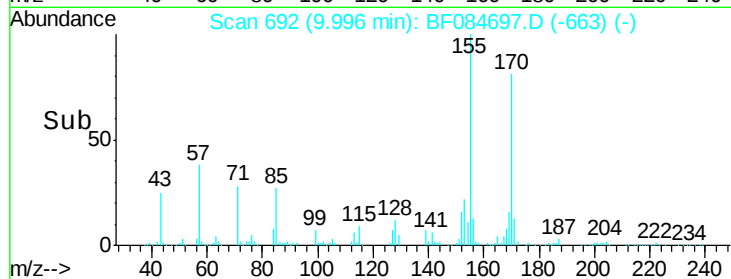
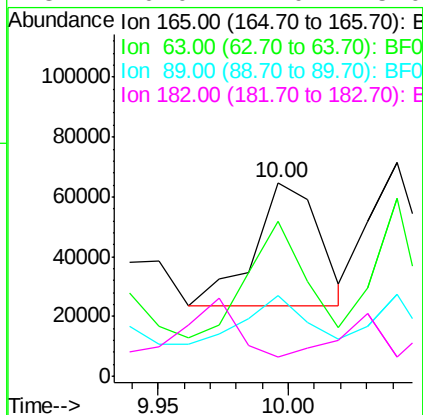
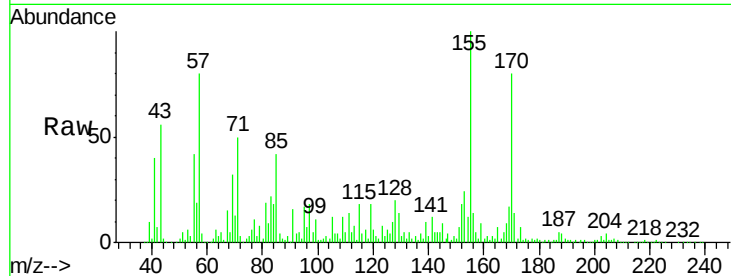




#56
 2,4-Dinitrotoluene
 Concen: 20.50 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.03 min
 Lab File: BF084697.D
 Acq: 30 Jan 2016 21:44

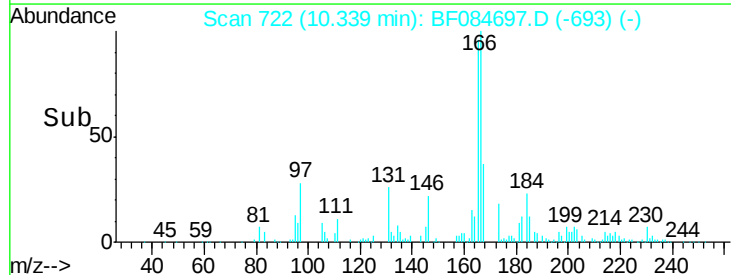
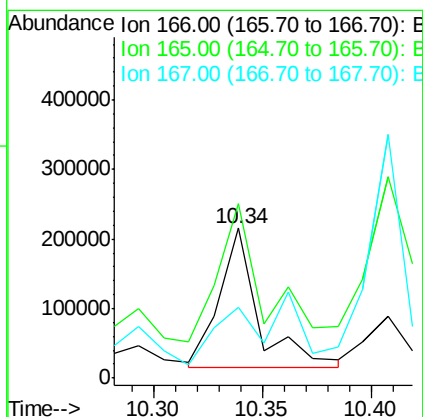
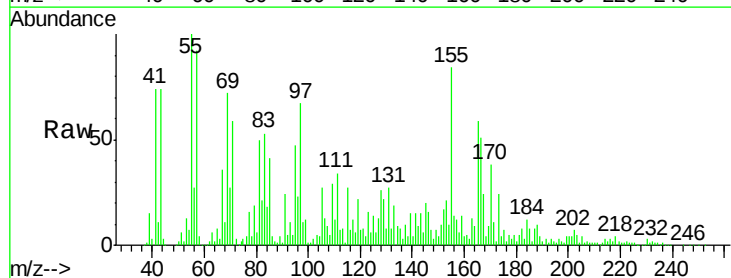
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-22-ELECTRICAL

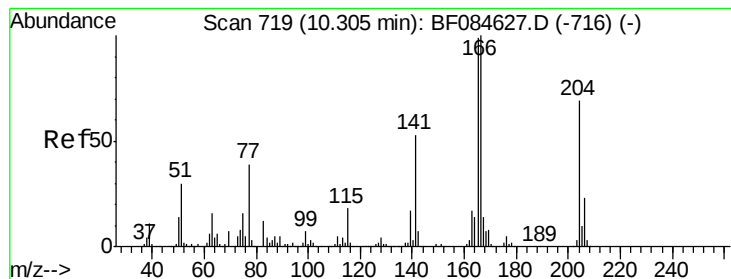
Tgt Ion:165 Resp: 70972
 Ion Ratio Lower Upper
 165 100
 63 80.2 36.7 55.1#
 89 42.0 61.9 92.9#
 182 10.0 2.0 3.0#



#57
 Fluorene
 Concen: 22.62 ng
 RT: 10.34 min Scan# 722
 Delta R.T. 0.03 min
 Lab File: BF084697.D
 Acq: 30 Jan 2016 21:44

Tgt Ion:166 Resp: 250571
 Ion Ratio Lower Upper
 166 100
 165 116.7 79.1 118.7
 167 47.7 10.4 15.6#





#60

4-Chlorophenyl-phenylether

Concen: 4.61 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-22-ELECTRICAL

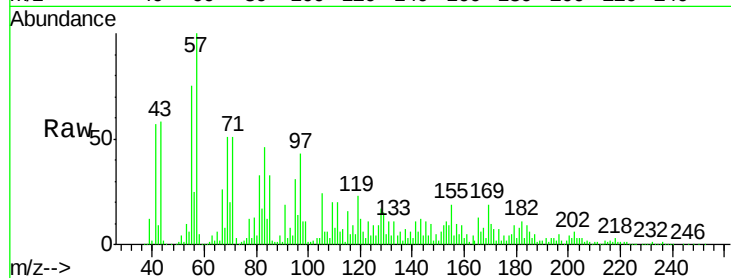
Tgt Ion:204 Resp: 22934

Ion Ratio Lower Upper

204 100

206 24.2 25.7 38.5#

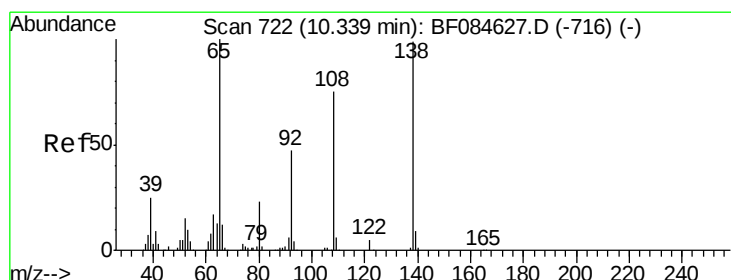
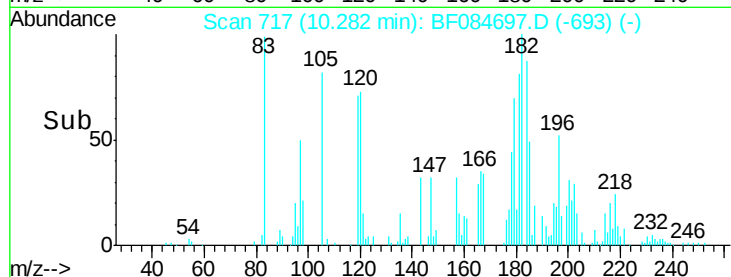
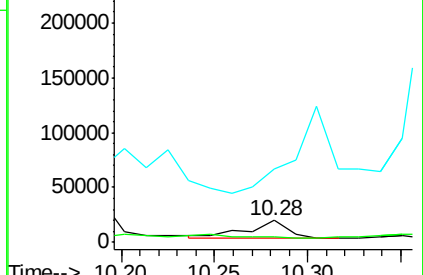
141 340.8 55.1 82.7#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 12.88 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.09 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

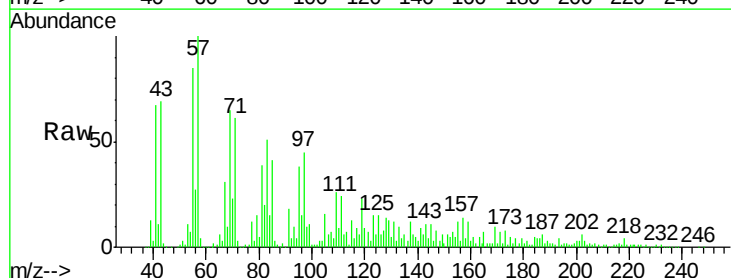
Tgt Ion:138 Resp: 33959

Ion Ratio Lower Upper

138 100

92 63.4 32.6 72.6

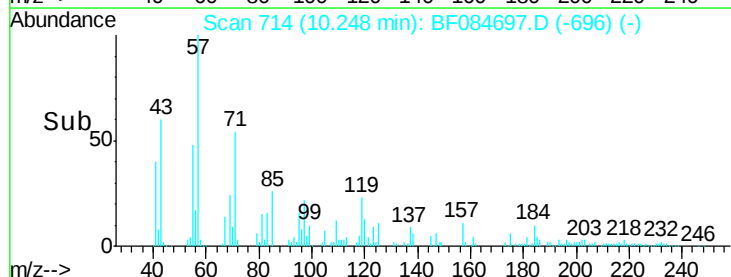
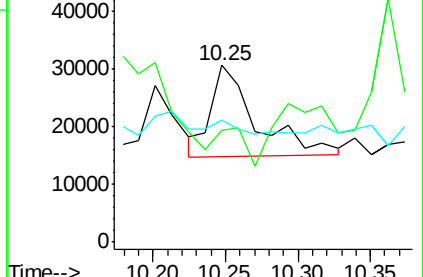
108 68.9 68.6 108.6

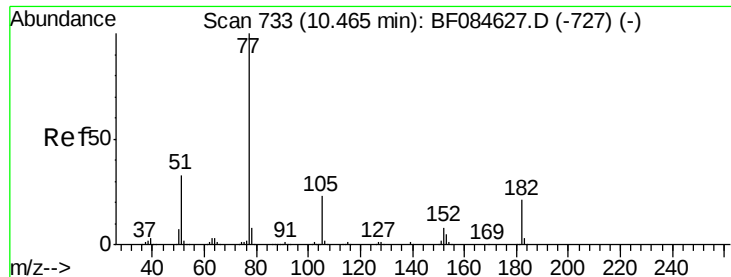


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 4.98 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-22-ELECTRICAL

Tgt Ion: 77 Resp: 56537

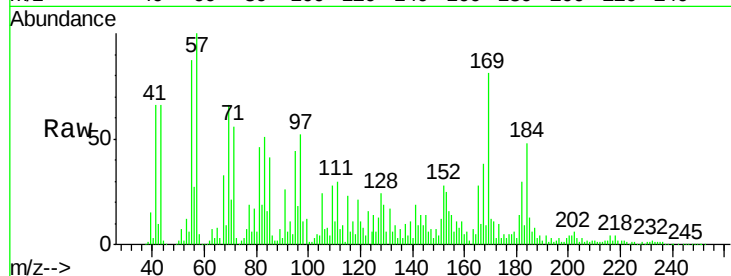
Ion Ratio Lower Upper

77 100

182 163.4 8.3 48.3#

105 129.9 4.6 44.6#

51 38.5 6.2 46.2

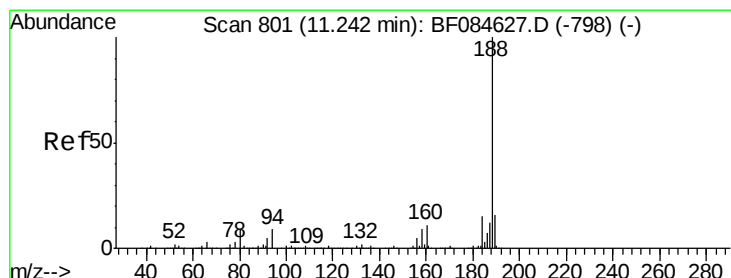
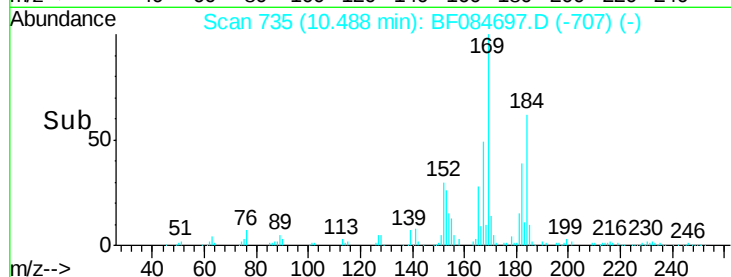
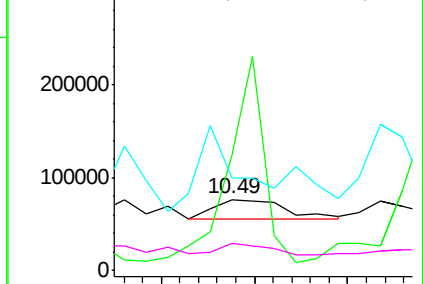


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. 0.03 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

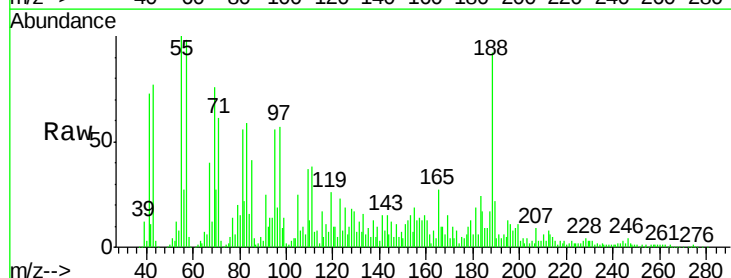
Tgt Ion: 188 Resp: 261767

Ion Ratio Lower Upper

188 100

94 15.7 9.0 13.4#

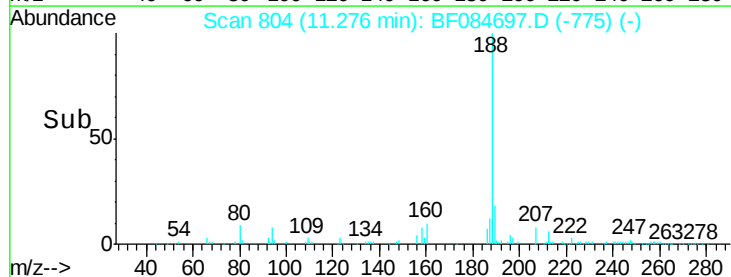
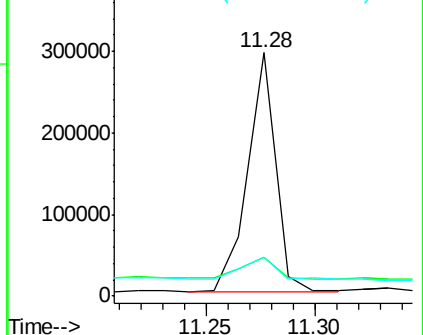
80 15.9 9.6 14.4#

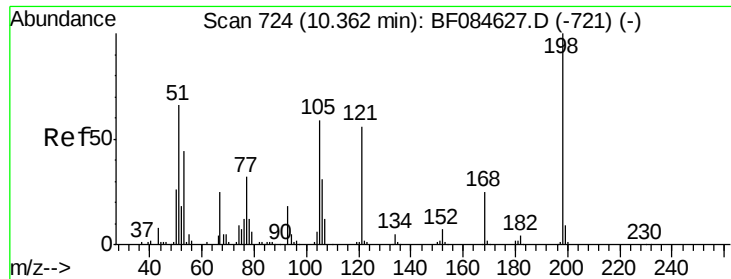


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 5.43 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-22-ELECTRICAL

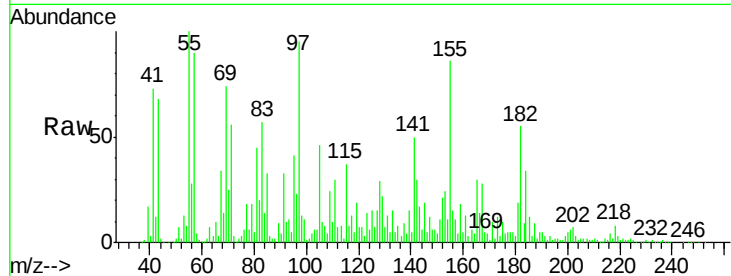
Tgt Ion:198 Resp: 9288

Ion Ratio Lower Upper

198 100

51 602.3 18.9 58.9#

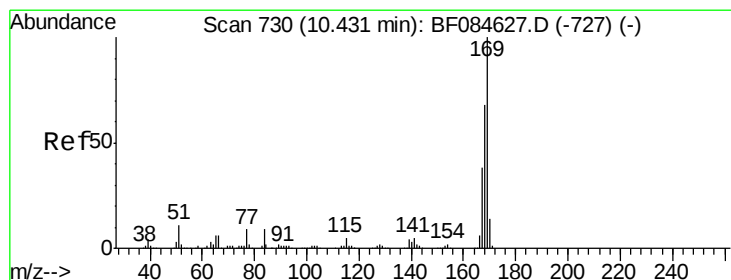
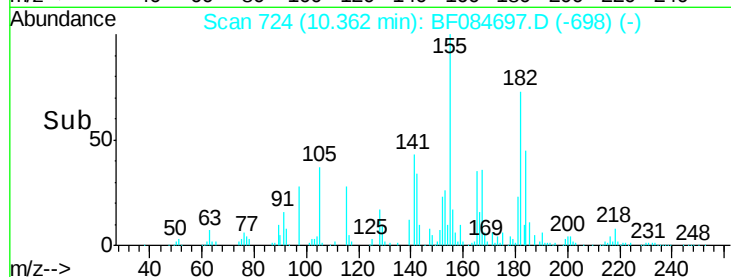
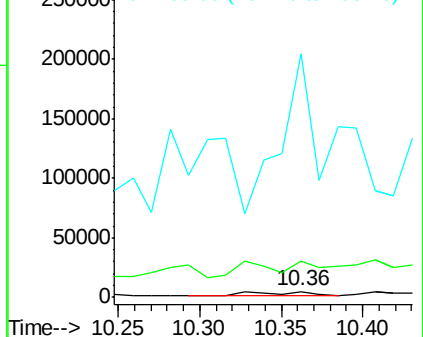
105 3995.0 26.4 66.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 77.76 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.02 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

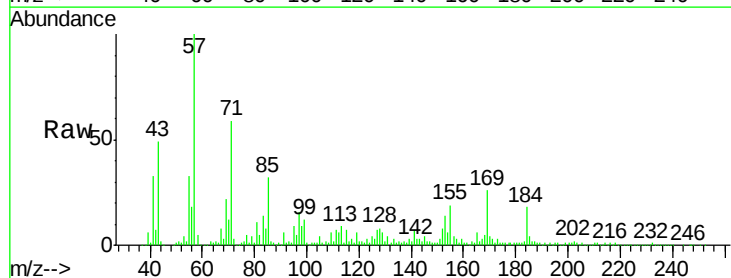
Tgt Ion:169 Resp: 659997

Ion Ratio Lower Upper

169 100

168 20.5 55.1 82.7#

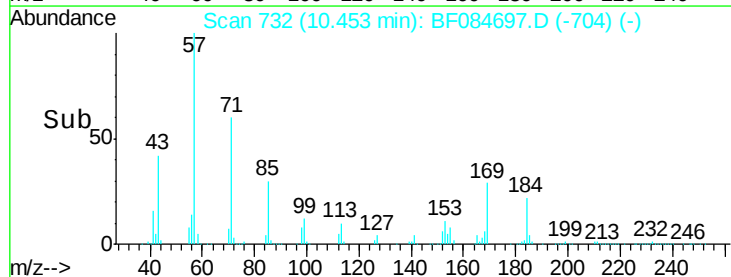
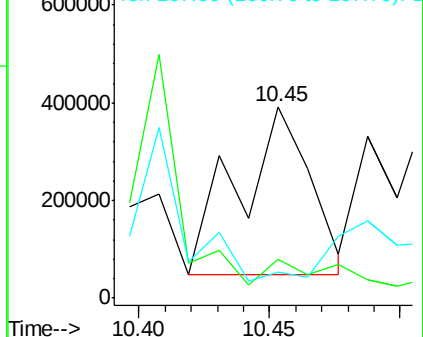
167 13.3 30.0 45.0#

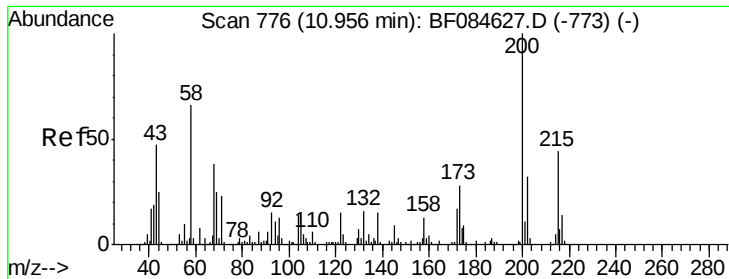


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

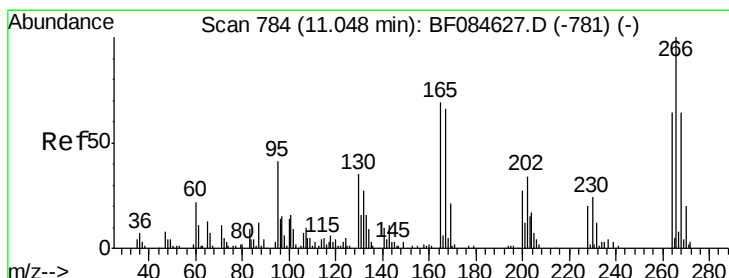
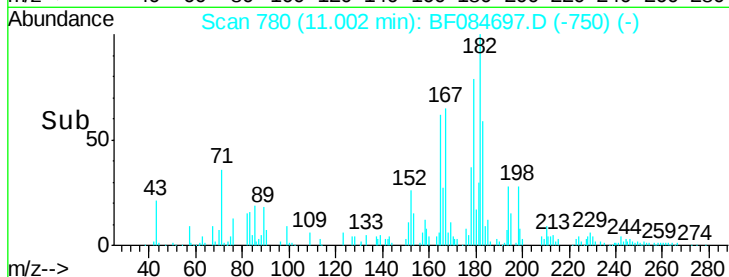
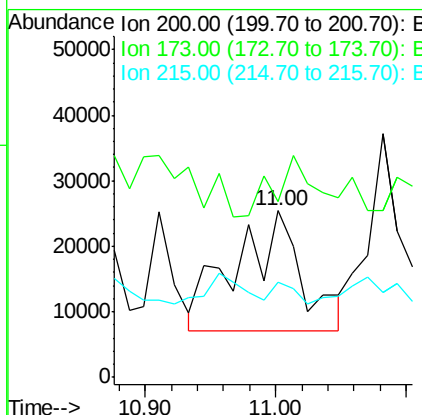
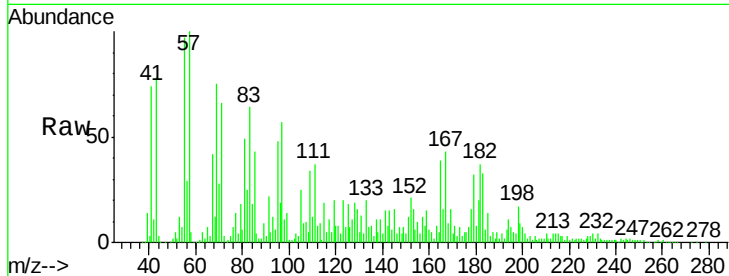




#68
Atrazine
Concen: 25.53 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.05 min
Lab File: BF084697.D
Acq: 30 Jan 2016 21:44

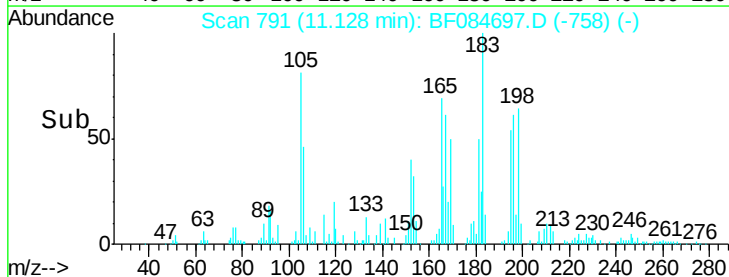
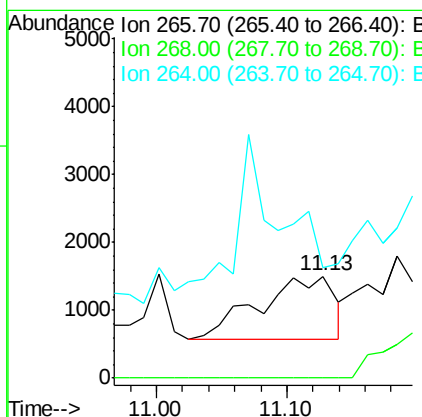
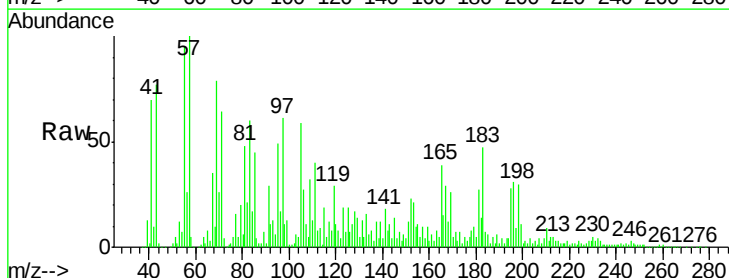
Instrument :
BNA_F
ClientSampleId :
SAMPLE-22-ELECTRICAL

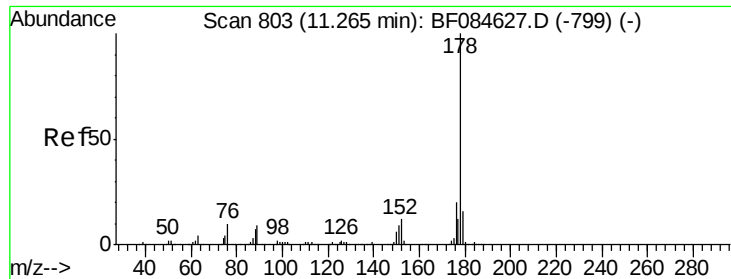
Tgt Ion:200 Resp: 64931
Ion Ratio Lower Upper
200 100
173 105.3 9.5 49.5#
215 56.9 23.8 63.8



#69
Pentachlorophenol
Concen: 2.38 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.08 min
Lab File: BF084697.D
Acq: 30 Jan 2016 21:44

Tgt Ion:266 Resp: 3683
Ion Ratio Lower Upper
266 100
268 0.0 52.4 78.6#
264 108.2 50.2 75.2#





#70

Phenanthrene

Concen: 33.99 ng

RT: 11.30 min Scan# 806

Delta R.T. 0.03 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-22-ELECTRICAL

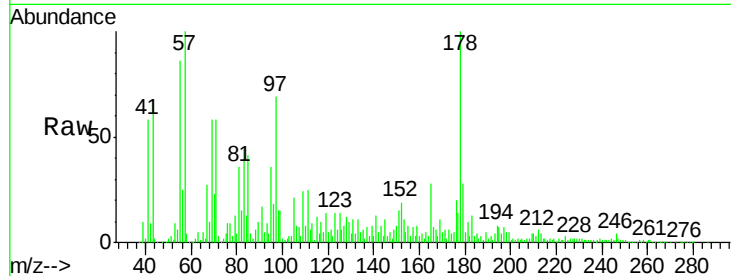
Tgt Ion:178 Resp: 492001

Ion Ratio Lower Upper

178 100

176 20.1 15.3 22.9

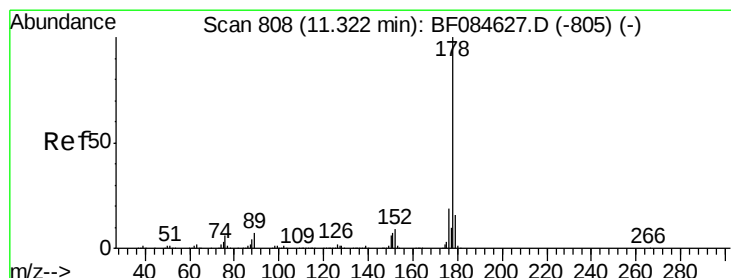
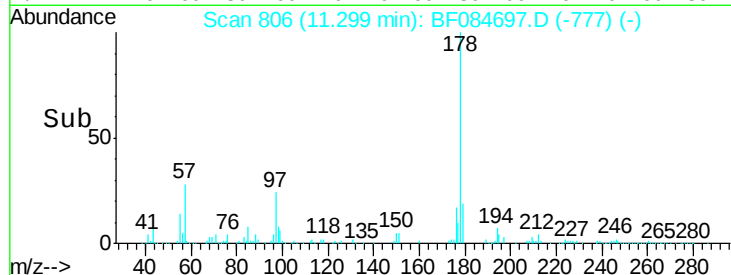
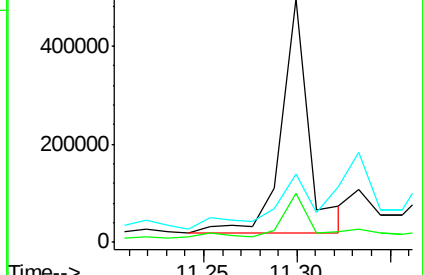
179 28.0 12.0 18.0#



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: 43.69 ng

RT: 11.39 min Scan# 814

Delta R.T. 0.07 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

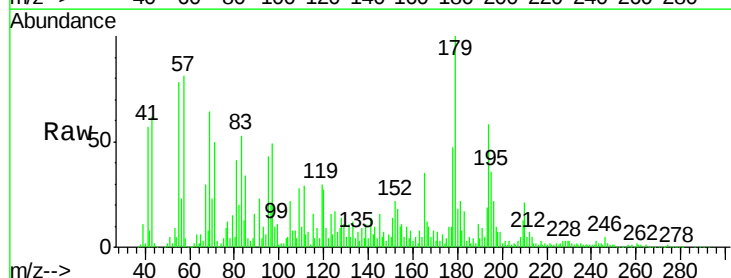
Tgt Ion:178 Resp: 642937

Ion Ratio Lower Upper

178 100

176 21.8 15.4 23.0

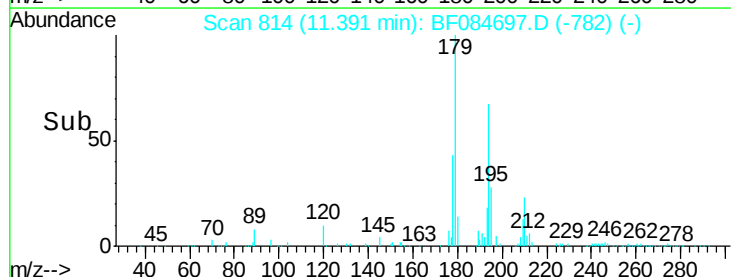
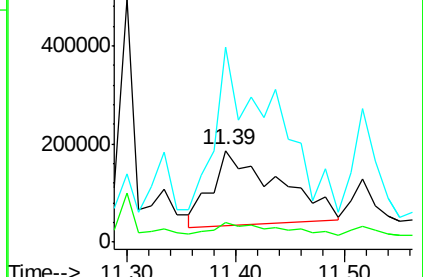
179 212.2 12.5 18.7#

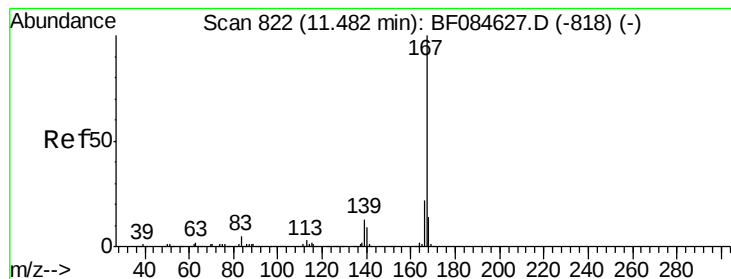


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.19 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.08 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-22-ELECTRICAL

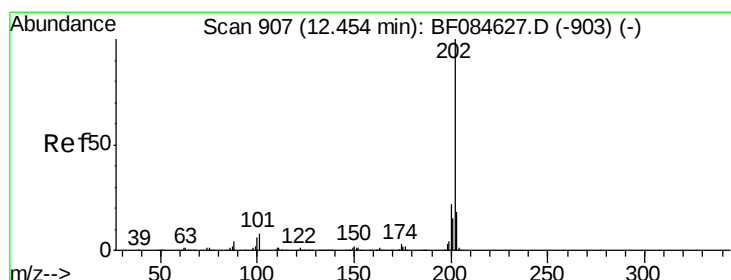
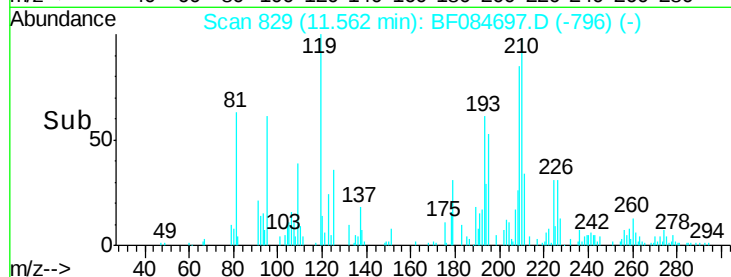
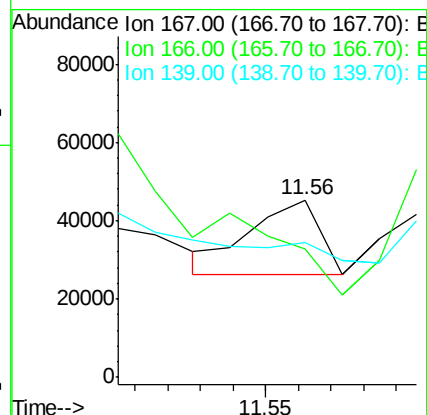
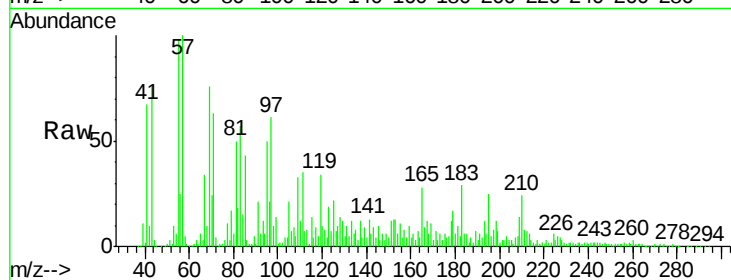
Tgt Ion:167 Resp: 27798

Ion Ratio Lower Upper

167 100

166 72.3 17.6 26.4#

139 75.8 11.8 17.8#



#74

Fluoranthene

Concen: 26.00 ng

RT: 12.70 min Scan# 929

Delta R.T. 0.25 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

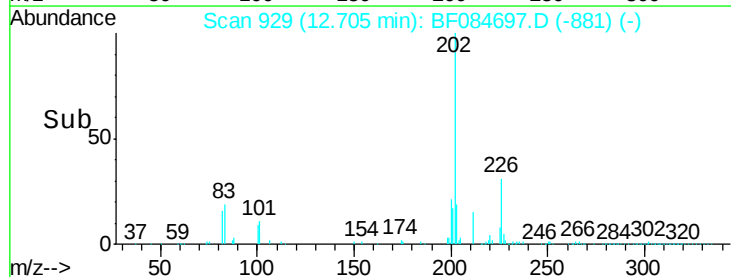
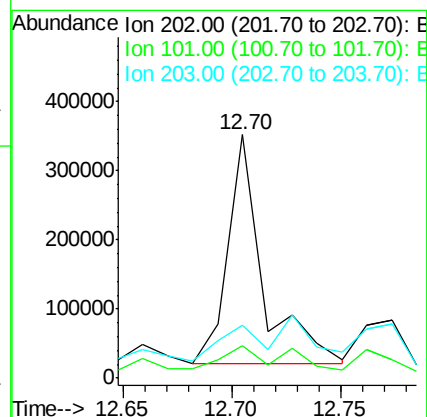
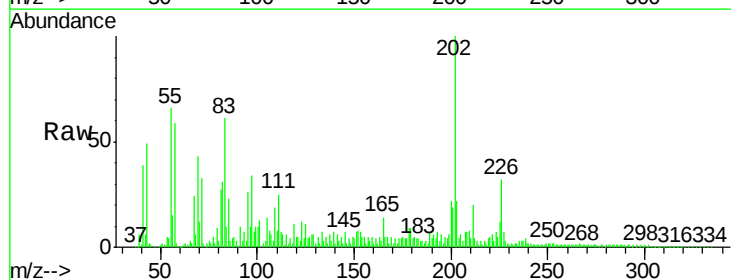
Tgt Ion:202 Resp: 372026

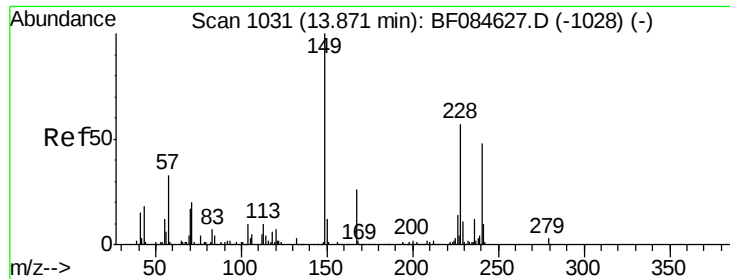
Ion Ratio Lower Upper

202 100

101 13.4 0.0 32.8

203 22.0 0.0 37.9

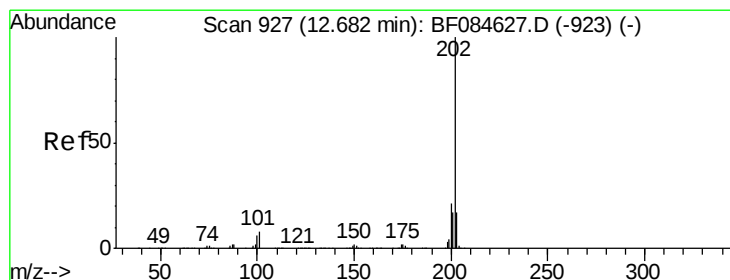
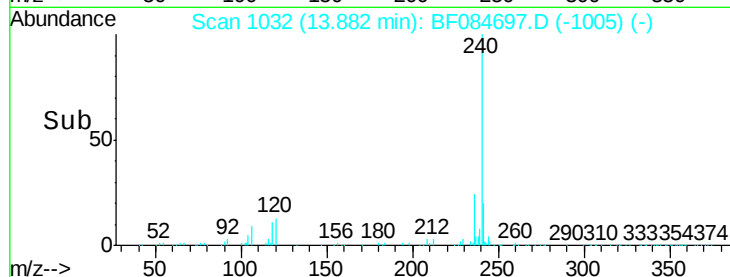
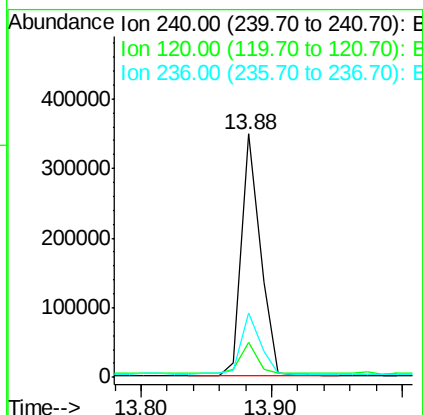
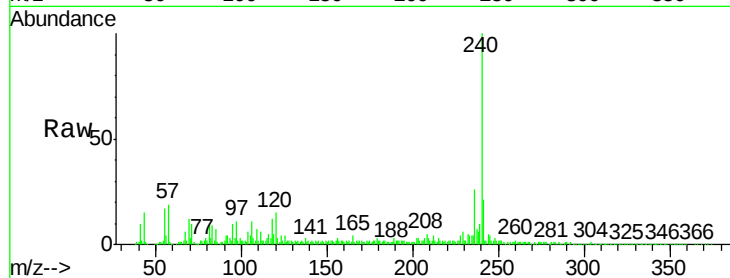




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF084697.D
Acq: 30 Jan 2016 21:44

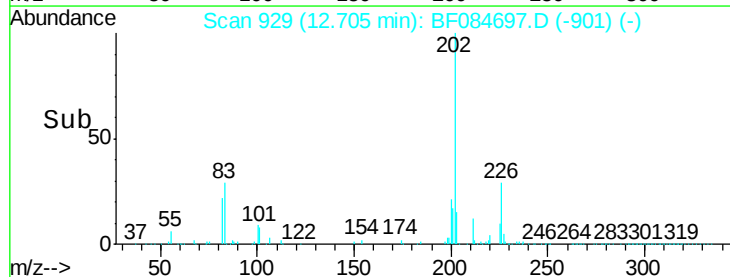
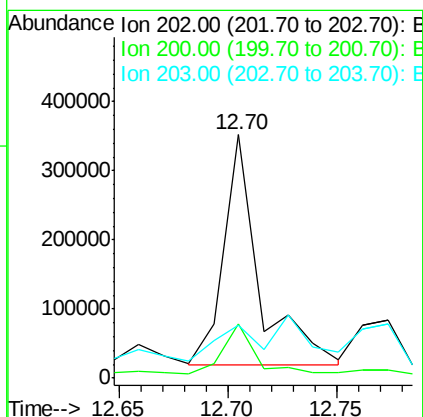
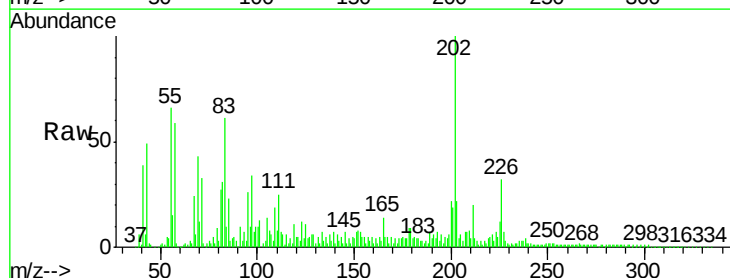
Instrument :
BNA_F
ClientSampleId :
SAMPLE-22-ELECTRICAL

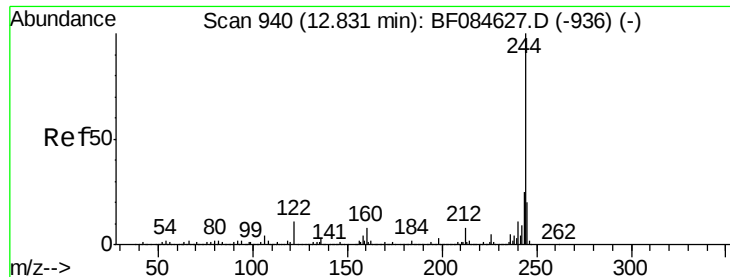
Tgt Ion:240 Resp: 349272
Ion Ratio Lower Upper
240 100
120 14.6 9.5 14.3#
236 26.2 20.6 31.0



#77
Pyrene
Concen: 14.36 ng
RT: 12.70 min Scan# 929
Delta R.T. 0.02 min
Lab File: BF084697.D
Acq: 30 Jan 2016 21:44

Tgt Ion:202 Resp: 378257
Ion Ratio Lower Upper
202 100
200 22.1 17.2 25.8
203 22.0 14.3 21.5#





#78

Terphenyl-d14

Concen: 59.92 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.02 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-22-ELECTRICAL

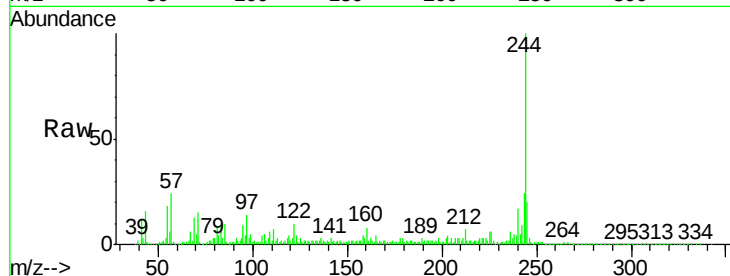
Tgt Ion:244 Resp: 926622

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

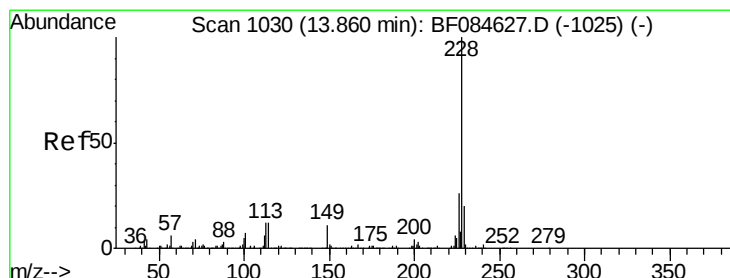
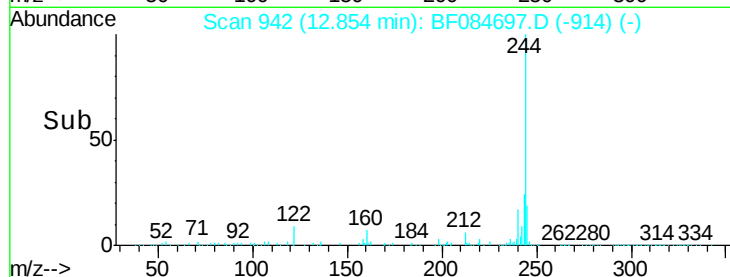
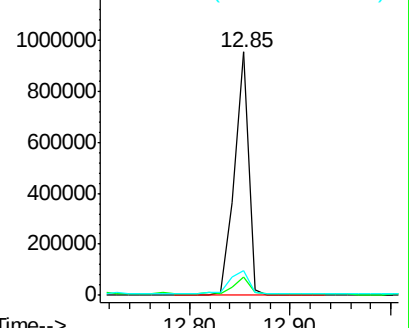
122 10.2 7.4 11.0



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: 2.70 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.05 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

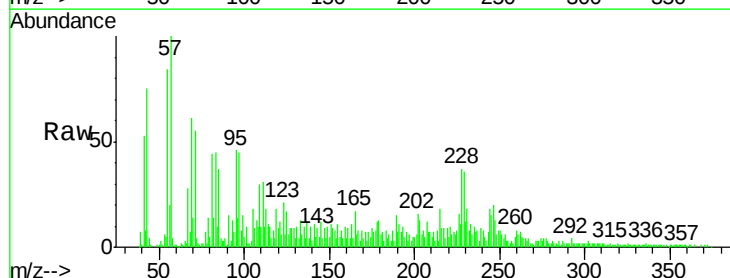
Tgt Ion:228 Resp: 58789

Ion Ratio Lower Upper

228 100

226 43.9 21.8 32.6#

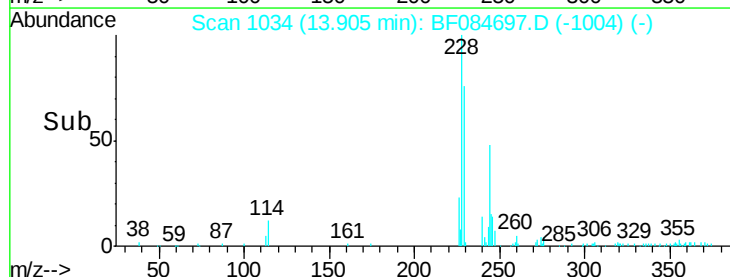
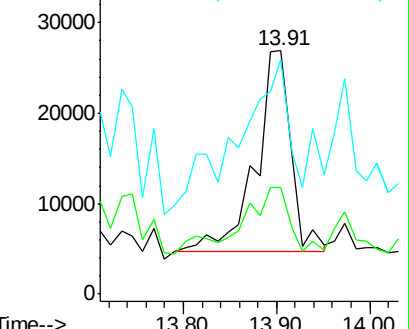
229 96.3 15.8 23.8#

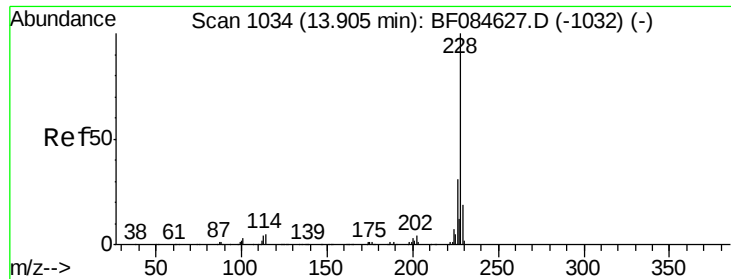


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 2.74 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-22-ELECTRICAL

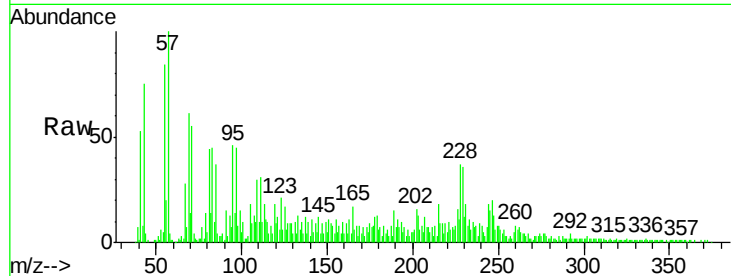
Tgt Ion:228 Resp: 58789

Ion Ratio Lower Upper

228 100

226 43.9 24.3 36.5#

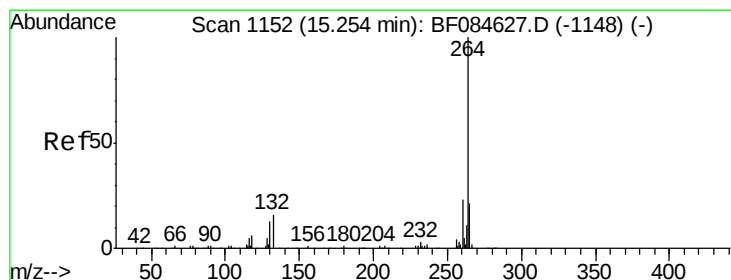
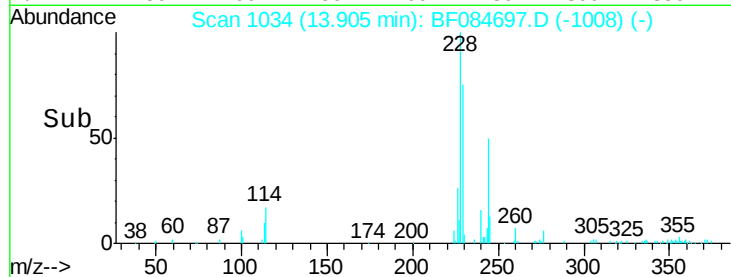
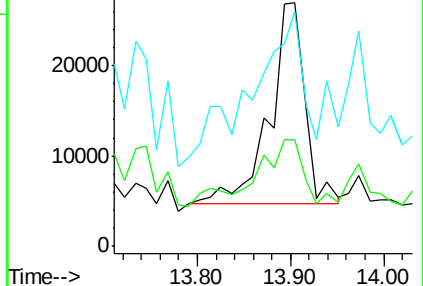
229 96.3 16.1 24.1#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.27 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BF084697.D

Acq: 30 Jan 2016 21:44

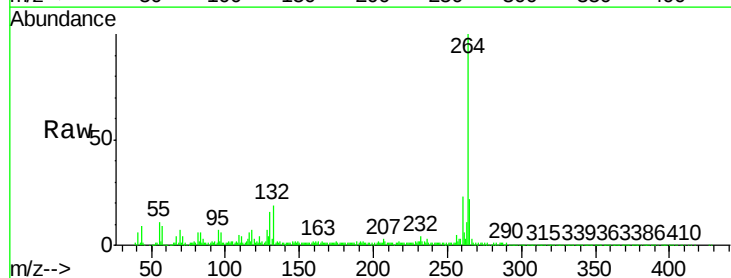
Tgt Ion:264 Resp: 373381

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 22.3 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

