

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
 Data File : BF086719.D
 Acq On : 5 May 2016 21:45
 Operator : UM/SJ
 Sample : H2762-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B1COMP

Quant Time: May 06 01:15:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	171168	40.00	ng	0.00
21) Naphthalene-d8	8.04	136	226851	40.00	ng	0.01
38) Acenaphthene-d10	9.79	164	249287	40.00	ng	0.01
63) Phenanthrene-d10	11.28	188	276043	40.00	ng	0.02
75) Chrysene-d12	13.92	240	258180	40.00	ng	0.03
86) Perylene-d12	15.30	264	388647	40.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1542604	149.20	ng	0.00
7) Phenol-d6	6.38	99	1917037	137.64	ng	0.01
23) Nitrobenzene-d5	7.31	82	1146864	259.79	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	328597	134.75	ng	0.01
44) 2-Fluorobiphenyl	9.10	172	1467989	96.53	ng	0.00
78) Terphenyl-d14	12.85	244	1018730	79.75	ng	0.01

Target Compounds						Qvalue
9) Benzaldehyde	6.26	77	505636	72.77	ng	# 1
15) Benzyl Alcohol	6.91	79	37699	4.18	ng	# 1
18) Hexachloroethane	7.31	117	1526642	296.84	ng	# 8
22) Acetophenone	7.13	105	215136	40.70	ng	# 53
24) Nitrobenzene	7.36	77	186370	40.84	ng	# 8
25) Isophorone	7.64	82	60522	7.36	ng	# 50
26) 2-Nitrophenol	7.66	139	4265	2.09	ng	# 1
27) 2,4-Dimethylphenol	7.72	122	22832	6.38	ng	# 37
28) bis(2-Chloroethoxy)methane	7.78	93	21990	4.86	ng	# 27
31) Naphthalene	8.14	128	32280609	2785.25	ng	# 83
32) Benzoic acid	7.85	122	19963	20.22	ng	# 1
33) 4-Chloroaniline	8.14	127	6034115	1343.89	ng	# 42
35) Caprolactam	8.46	113	29336	30.83	ng	# 1
36) 4-Chloro-3-methylphenol	8.56	107	24707	7.04	ng	# 1
37) 2-Methylnaphthalene	8.80	142	11579576	1693.47	ng	# 93
45) 1,1'-Biphenyl	9.22	154	3460008	169.77	ng	# 94
47) 2-Nitroaniline	9.32	65	93506	16.72	ng	# 25
48) Acenaphthylene	9.65	152	3119533	133.61	ng	# 92
49) Dimethylphthalate	9.52	163	182961	9.85	ng	# 90
50) 2,6-Dinitrotoluene	9.64	165	21315	5.34	ng	# 1
51) Acenaphthene	9.86	154	6203013	402.76	ng	# 99
52) 3-Nitroaniline	9.73	138	11115	2.45	ng	# 35
53) 2,4-Dinitrophenol	9.87	184	8479	16.79	ng	# 1
54) Dibenzofuran	10.00	168	1112621	58.28	ng	# 73
55) 4-Nitrophenol	9.89	139	125596	47.51	ng	# 49
56) 2,4-Dinitrotoluene	9.97	165	138385	28.00	ng	# 55
57) Fluorene	10.52	166	1035991	66.96	ng	# 94
61) 4-Nitroaniline	10.45	138	15647	3.59	ng	# 85
62) Azobenzene	10.49	77	50230	2.58	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.41	198	5282	9.42	ng	# 1
65) n-Nitrosodiphenylamine	10.45	169	404158	46.11	ng	# 1
66) 4-Bromophenyl-phenylether	10.58	248	16376	5.97	ng	# 1
69) Pentachlorophenol	10.90	266	373	6.03	ng	# 17
70) Phenanthrene	11.34	178	13285877	896.03	ng	# 93

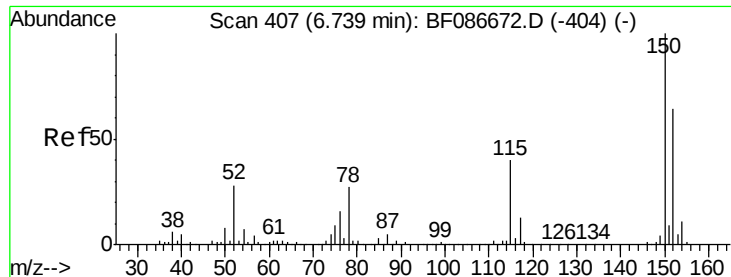
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Anthracene	11.34	178	13285877	855.69	ng	93
72) Carbazole	11.50	167	177256	13.15	ng #	70
74) Fluoranthene	12.51	202	5223585	351.53	ng	95
76) Benzidine	12.66	184	5294	7.73	ng #	1
77) Pyrene	12.59	202	2355185	114.42	ng	98
80) Benzo(a)anthracene	13.90	228	4044157	276.96	ng #	89
82) Chrysene	13.90	228	4044157	259.61	ng	91
85) Indeno(1,2,3-cd)pyrene	16.63	276	1376680	103.00	ng #	89
87) Benzo(b)fluoranthene	14.91	252	3783688	162.02	ng	96
88) Benzo(k)fluoranthene	14.91	252	3783688	171.96	ng	96
89) Benzo(a)pyrene	15.25	252	3420579	159.01	ng	96
90) Dibenzo(a,h)anthracene	16.63	278	320357	15.50	ng	96
91) Benzo(g,h,i)perylene	17.23	276	634130	29.23	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

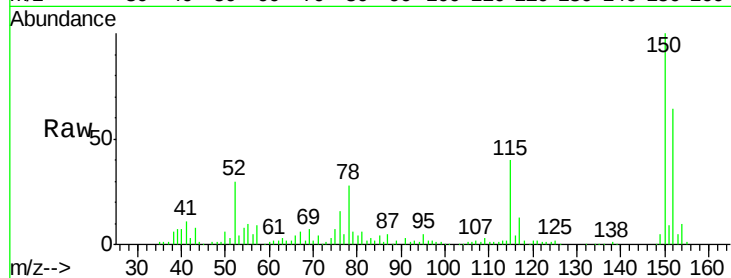
Tgt Ion:152 Resp: 171168

Ion Ratio Lower Upper

152 100

150 157.3 125.8 188.6

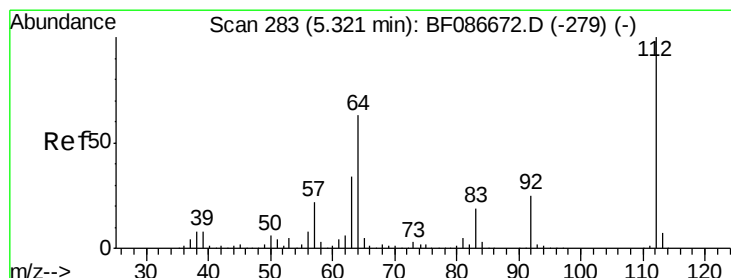
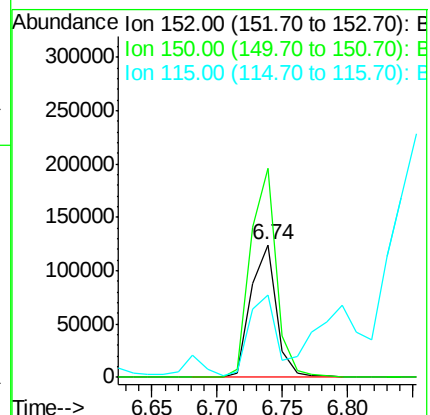
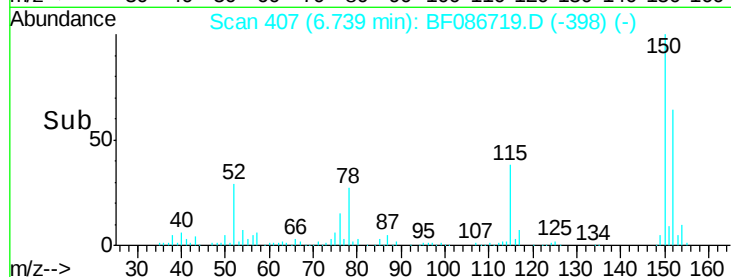
115 62.4 51.5 77.3



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: 149.20 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

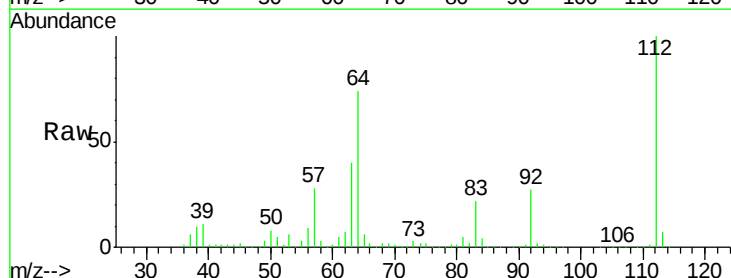
Tgt Ion:112 Resp: 1542604

Ion Ratio Lower Upper

112 100

64 74.4 52.1 78.1

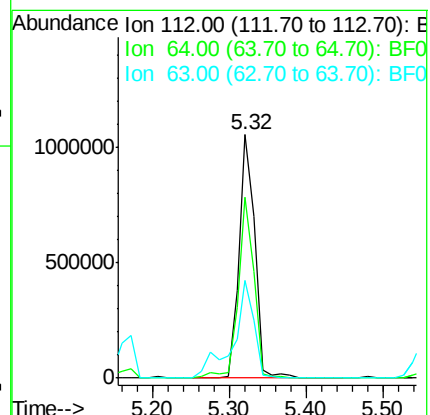
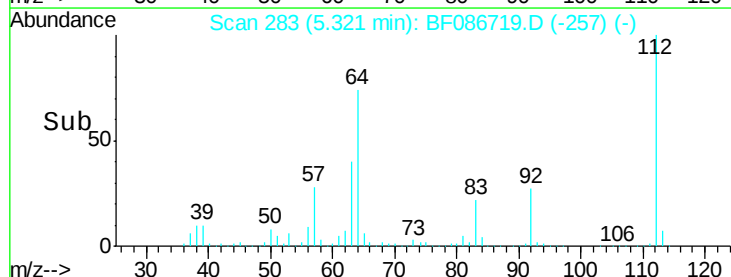
63 40.0 25.7 38.5#

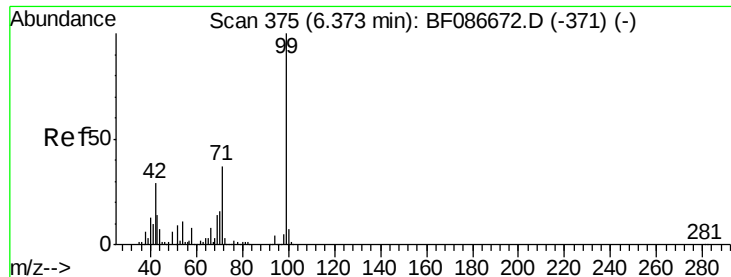


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.64 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

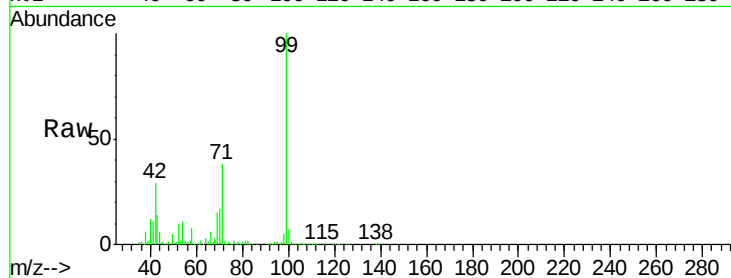
Tgt Ion: 99 Resp: 1917037

Ion Ratio Lower Upper

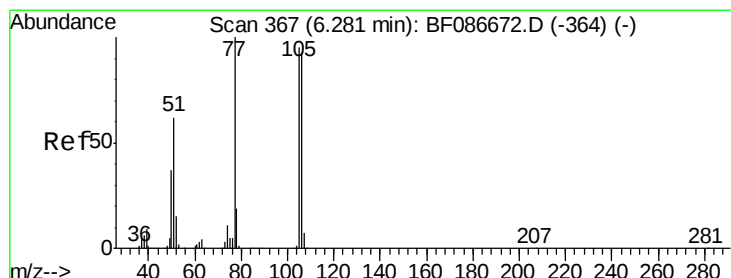
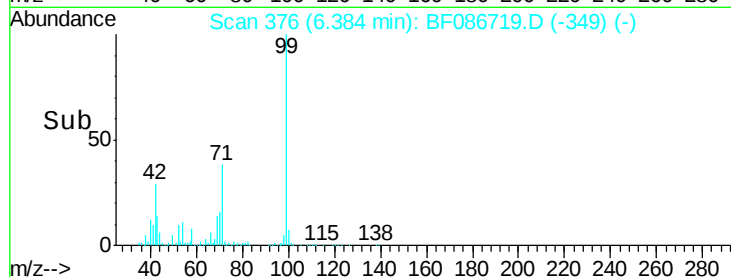
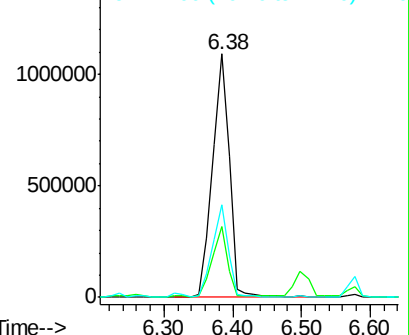
99 100

42 29.0 13.6 20.4#

71 38.1 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 72.77 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

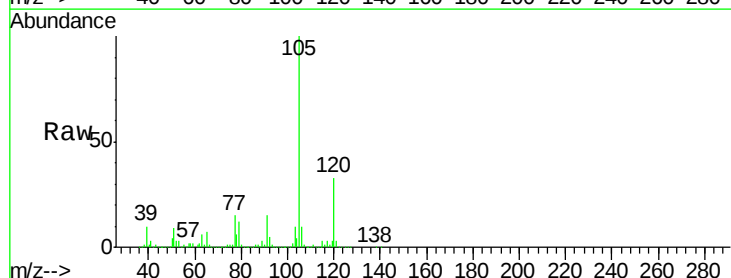
Tgt Ion: 77 Resp: 505636

Ion Ratio Lower Upper

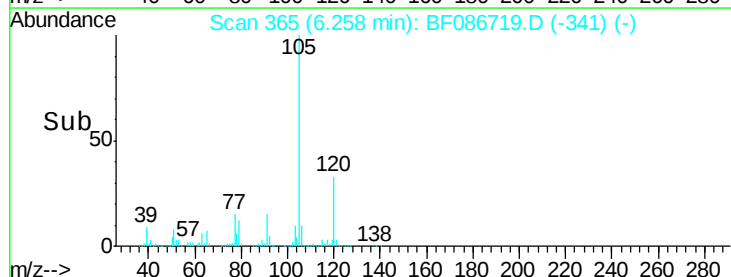
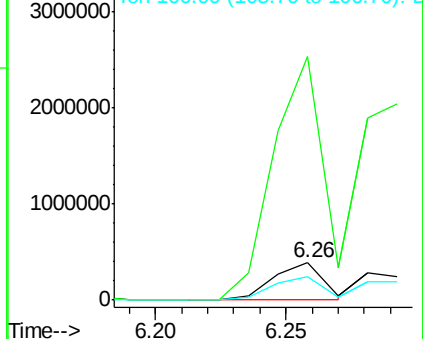
77 100

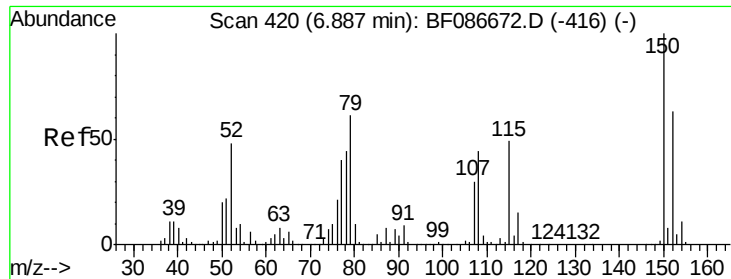
105 659.8 72.7 112.7#

106 63.8 70.8 110.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

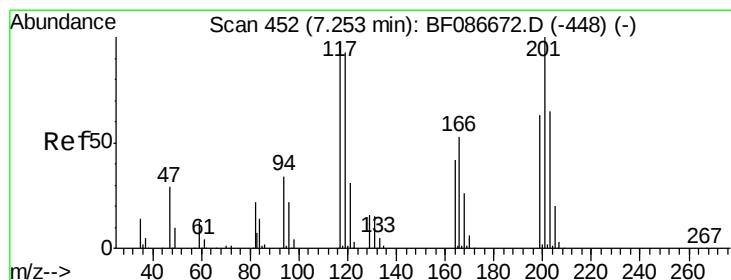
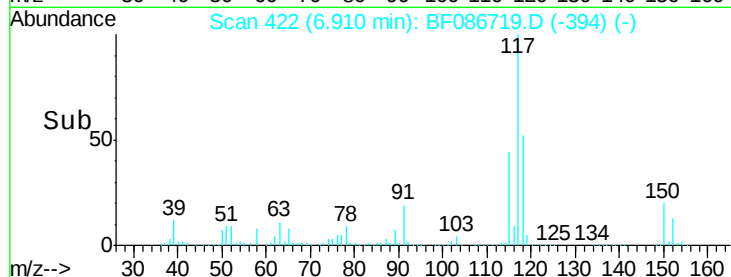
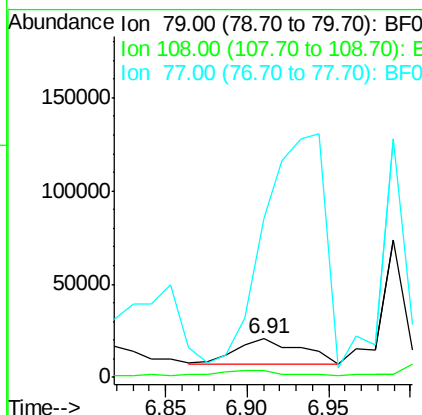
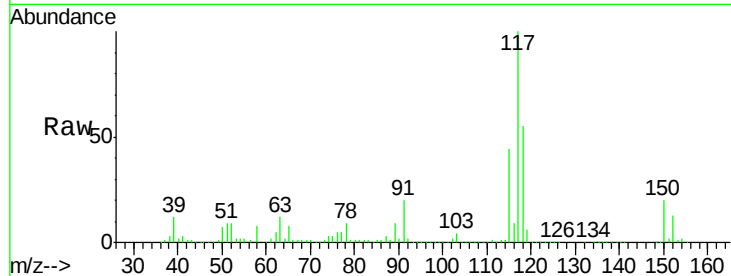




#15
Benzyl Alcohol
Concen: 4.18 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.02 min
Lab File: BF086719.D
Acq: 5 May 2016 21:45

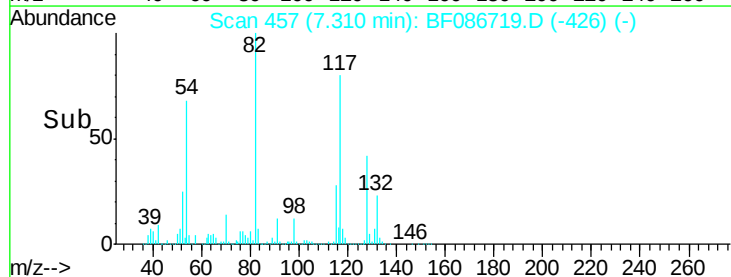
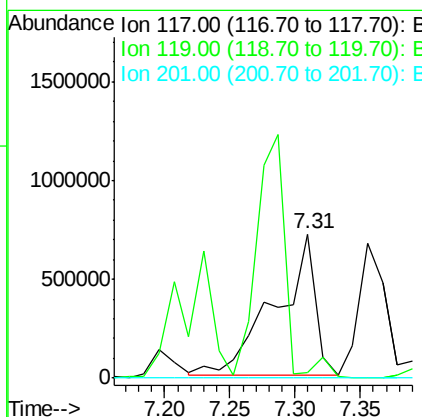
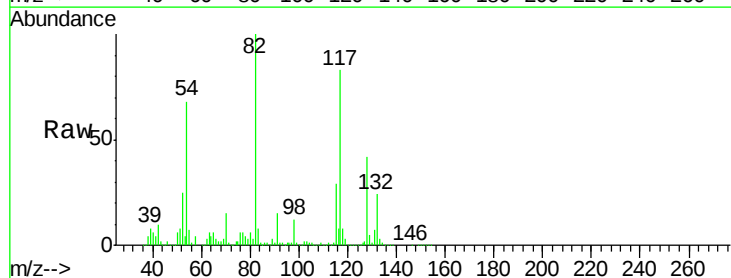
Instrument :
BNA_F
ClientSampleId :
TEC-B1COMP

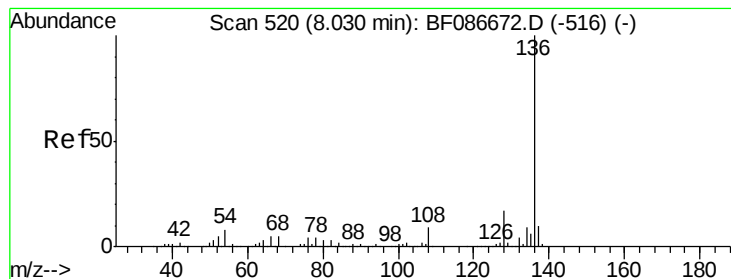
Tgt Ion: 79 Resp: 37699
Ion Ratio Lower Upper
79 100
108 17.5 68.4 102.6#
77 414.2 50.6 76.0#



#18
Hexachloroethane
Concen: 296.84 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.06 min
Lab File: BF086719.D
Acq: 5 May 2016 21:45

Tgt Ion: 117 Resp: 1526642
Ion Ratio Lower Upper
117 100
119 4.2 76.5 114.7#
201 0.0 63.0 94.6#





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

Tgt Ion:136 Resp: 226851

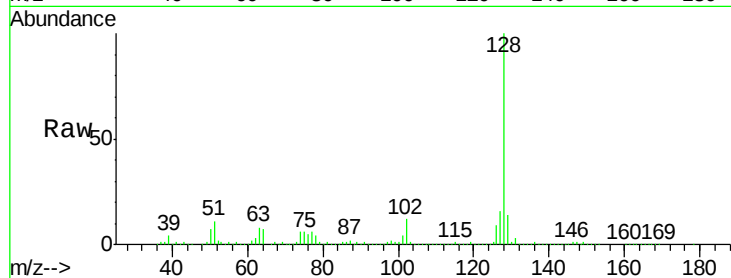
Ion Ratio Lower Upper

136 100

137 15.0 8.8 13.2#

54 19.8 5.0 7.4#

68 18.1 4.4 6.6#

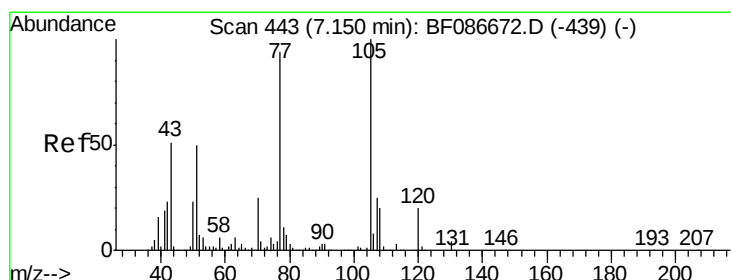
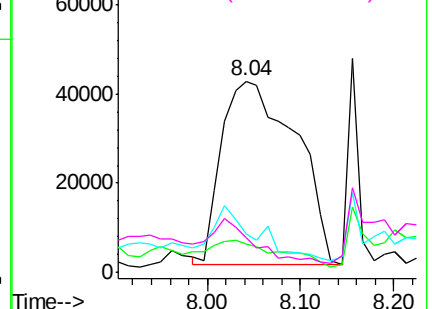
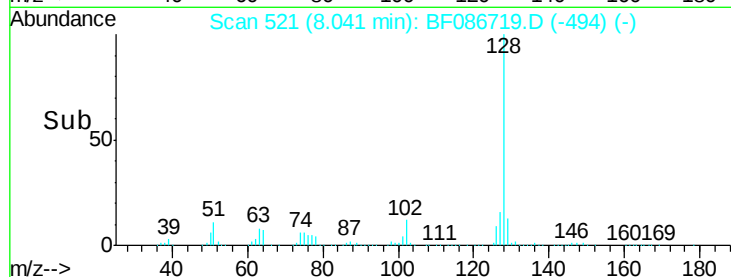


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.70 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.02 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

Tgt Ion:105 Resp: 215136

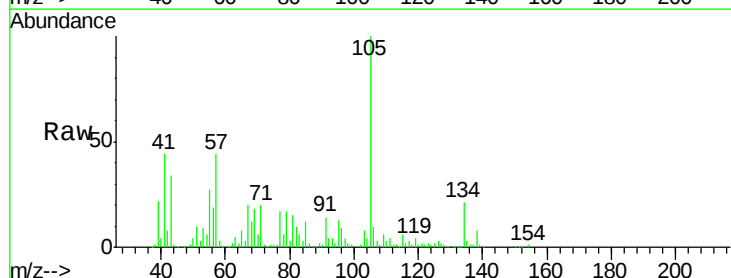
Ion Ratio Lower Upper

105 100

71 20.0 4.8 7.2#

51 9.6 32.6 49.0#

120 0.8 16.5 24.7#

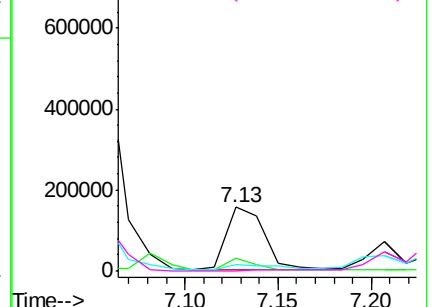
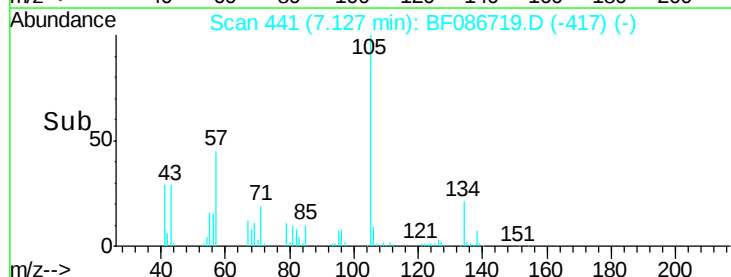


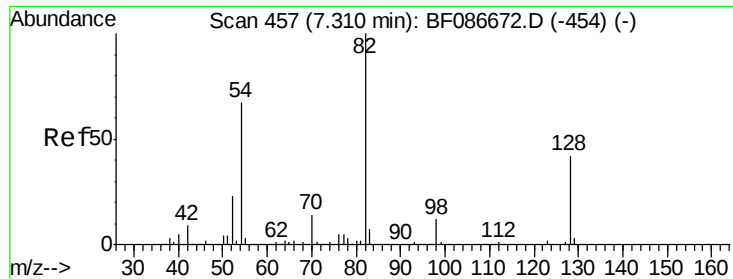
Abundance Ion 105.00 (104.70 to 105.70): E

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

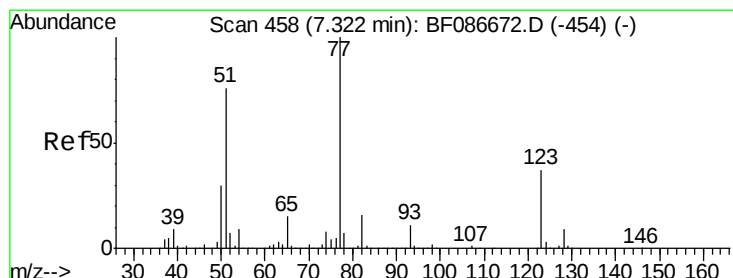
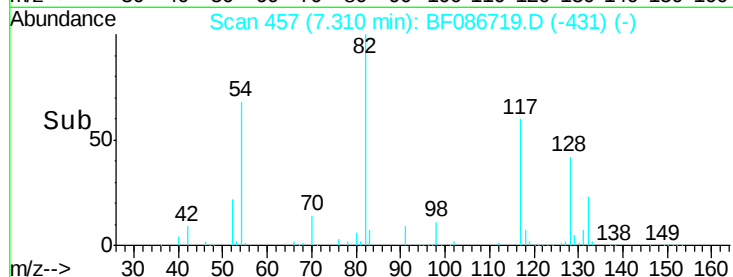
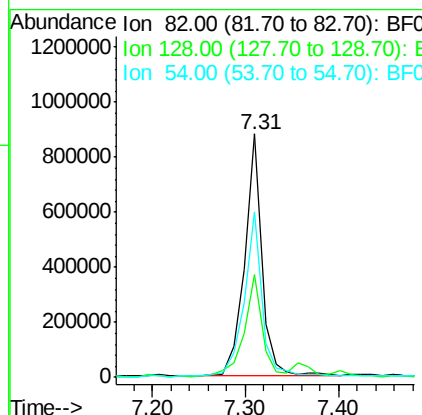
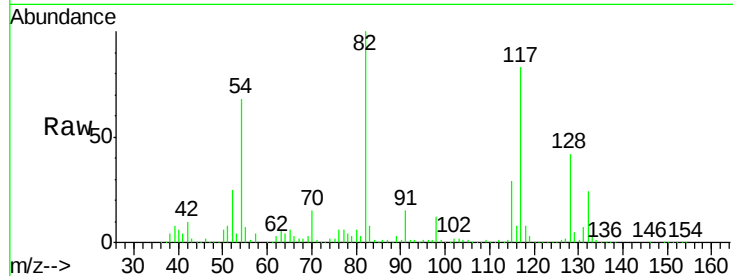




#23
 Nitrobenzene-d5
 Concen: 259.79 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF086719.D
 Acq: 5 May 2016 21:45

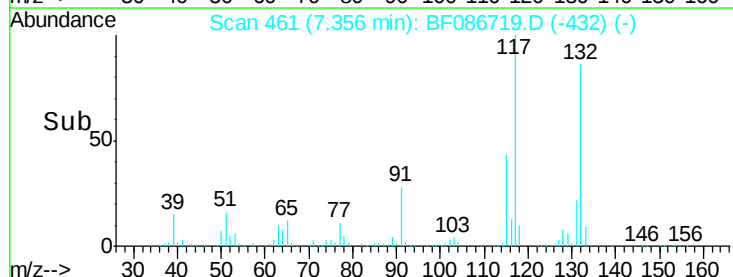
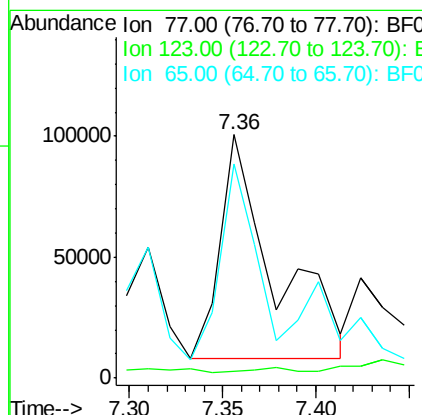
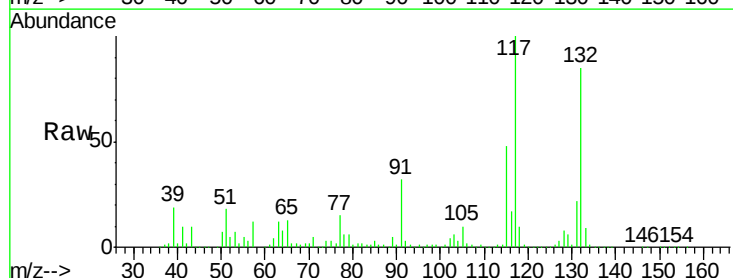
Instrument :
 BNA_F
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 TEC-B1COMP

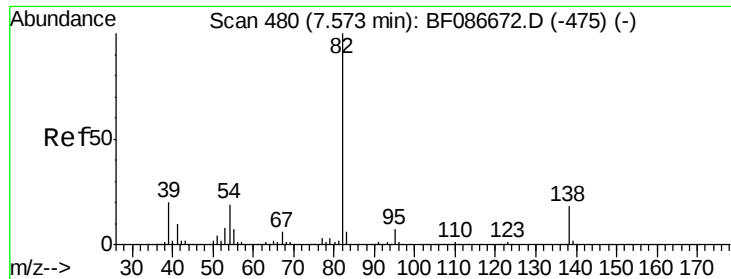
Tgt Ion: 82 Resp: 1146864
 Ion Ratio Lower Upper
 82 100
 128 42.1 40.6 61.0
 54 67.9 38.1 57.1#



#24
 Nitrobenzene
 Concen: 40.84 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.03 min
 Lab File: BF086719.D
 Acq: 5 May 2016 21:45

Tgt Ion: 77 Resp: 186370
 Ion Ratio Lower Upper
 77 100
 123 2.6 33.0 49.4#
 65 88.1 10.8 16.2#





#25

Isophorone

Concen: 7.36 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.07 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

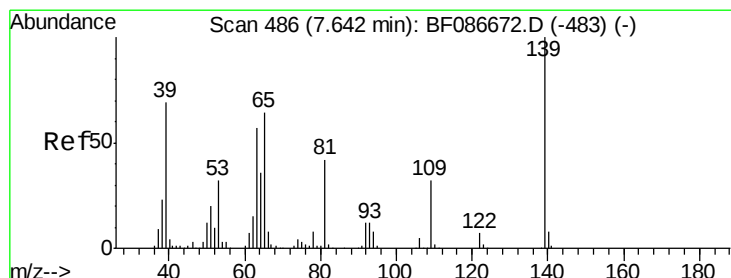
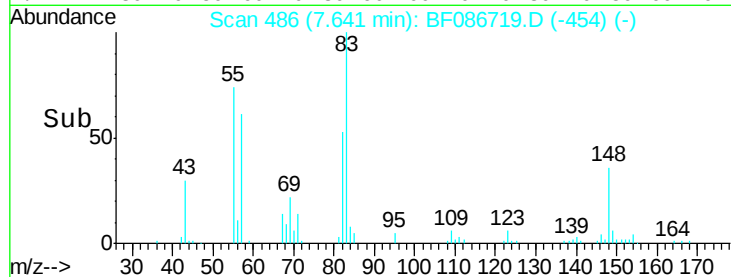
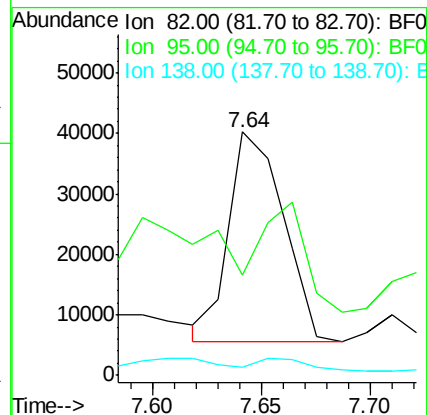
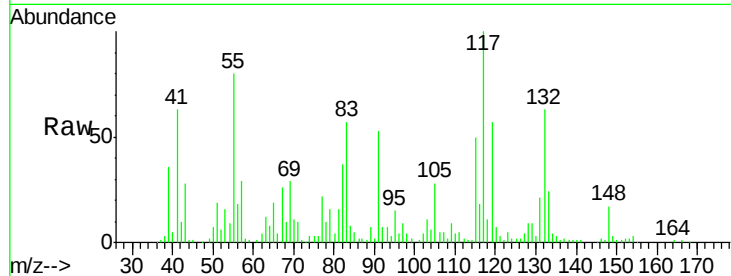
Tgt Ion: 82 Resp: 60522

Ion Ratio Lower Upper

82 100

95 41.1 5.1 7.7#

138 3.4 12.4 18.6#



#26

2-Nitrophenol

Concen: 2.09 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.02 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

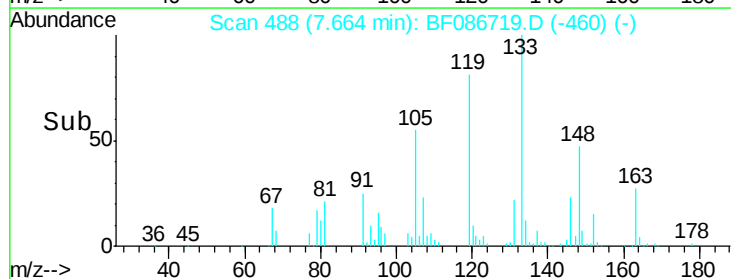
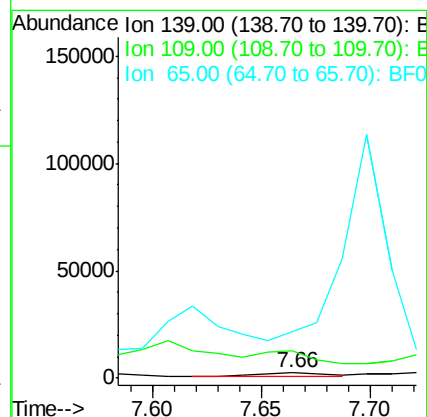
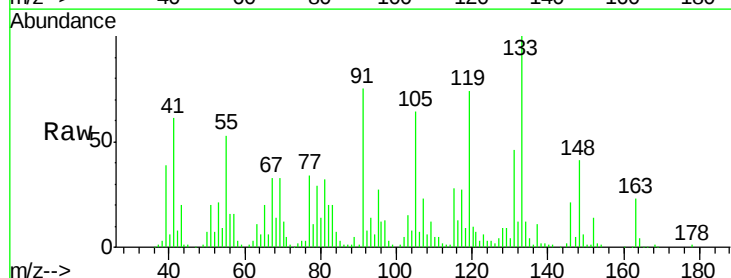
Tgt Ion: 139 Resp: 4265

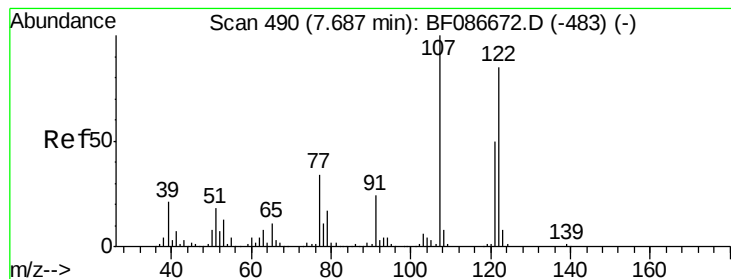
Ion Ratio Lower Upper

139 100

109 557.0 19.5 29.3#

65 930.4 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 6.38 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.03 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

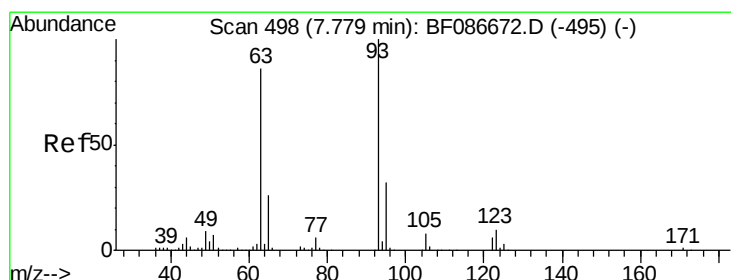
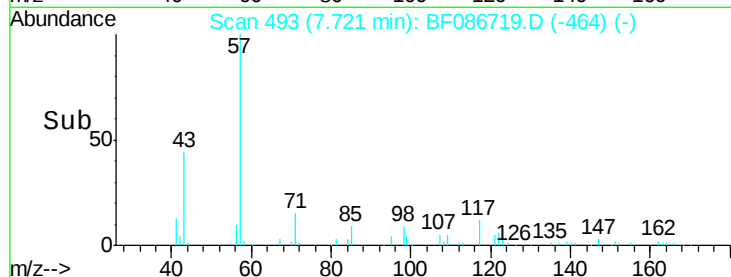
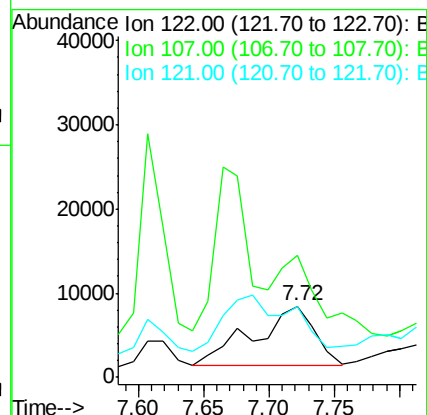
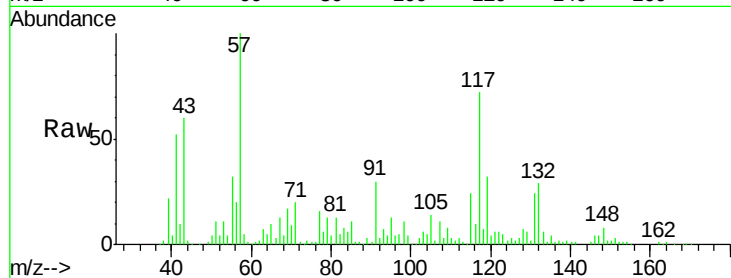
Tgt Ion:122 Resp: 22832

Ion Ratio Lower Upper

122 100

107 170.8 82.0 123.0#

121 99.1 46.1 69.1#



#28

bis(2-Chloroethoxy)methane

Concen: 4.86 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

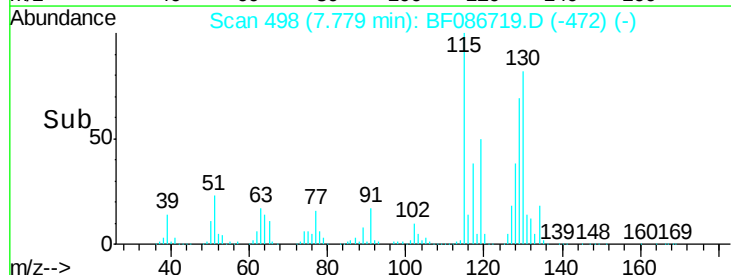
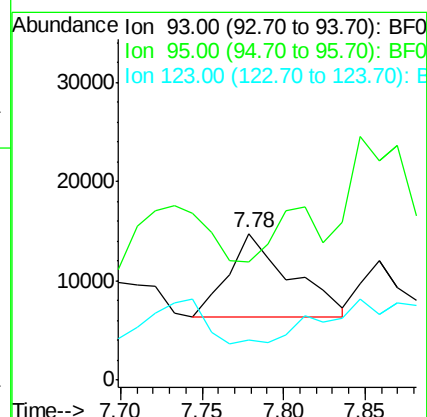
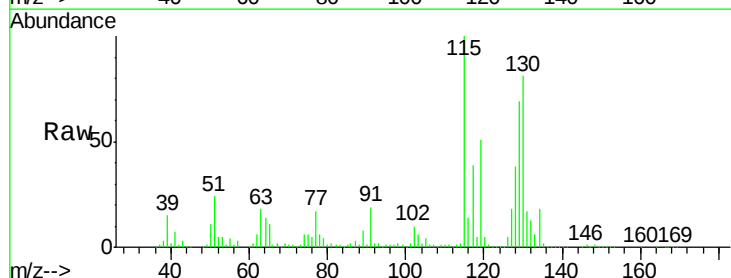
Tgt Ion: 93 Resp: 21990

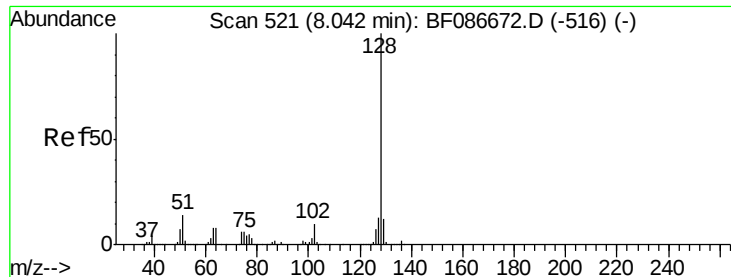
Ion Ratio Lower Upper

93 100

95 80.4 26.0 39.0#

123 27.0 9.5 14.3#

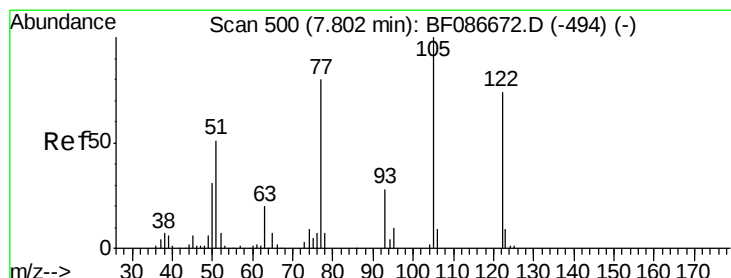
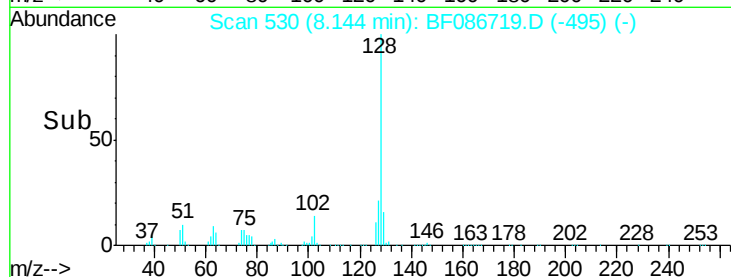
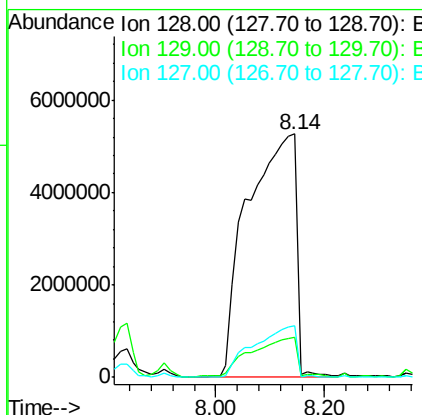
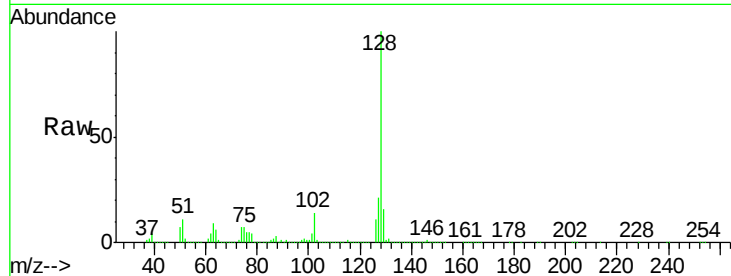




#31
Naphthalene
Concen: 2785.25 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.10 min
Lab File: BF086719.D
Acq: 5 May 2016 21:45

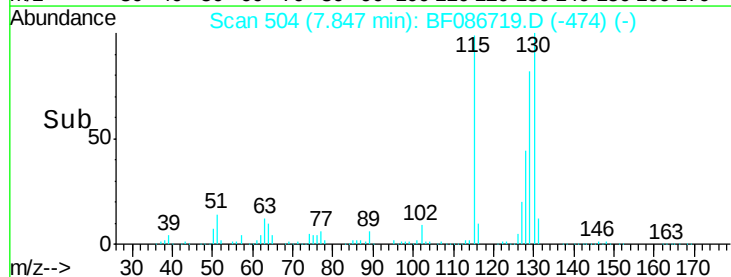
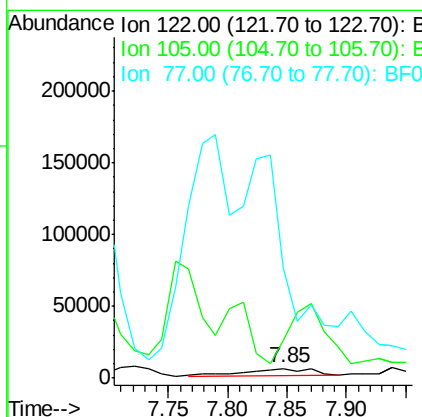
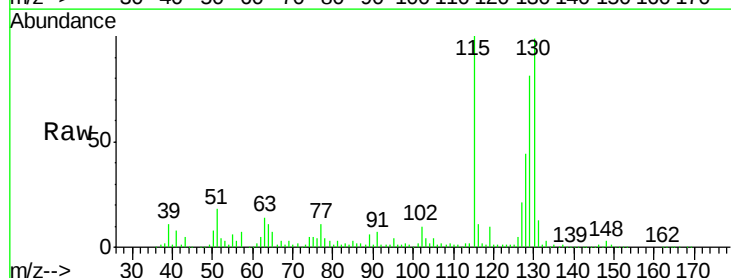
Instrument :
BNA_F
ClientSampleId :
TEC-B1COMP

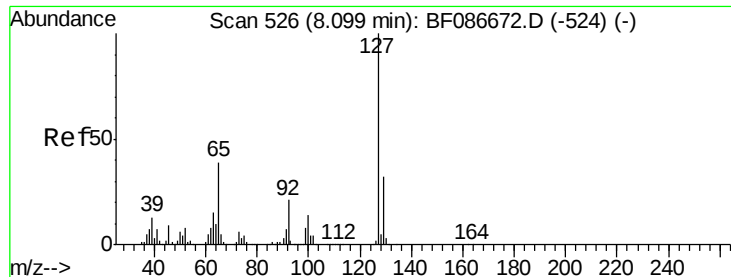
Tgt Ion:128 Resp:32280609
Ion Ratio Lower Upper
128 100
129 16.3 8.6 13.0#
127 21.3 10.8 16.2#



#32
Benzoic acid
Concen: 20.22 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.05 min
Lab File: BF086719.D
Acq: 5 May 2016 21:45

Tgt Ion:122 Resp: 19963
Ion Ratio Lower Upper
122 100
105 403.2 92.6 132.6#
77 1178.8 60.0 100.0#

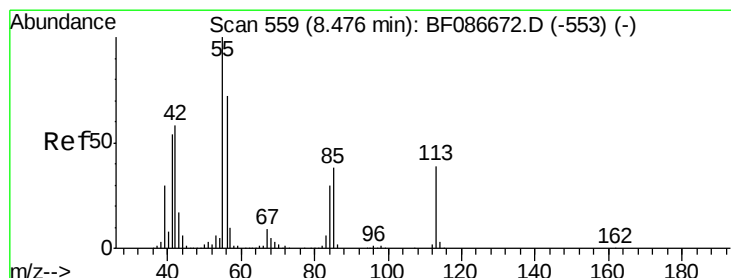
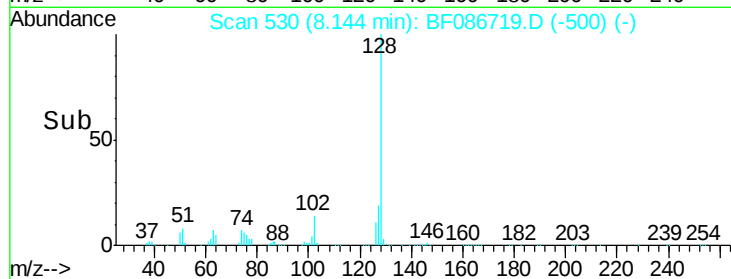
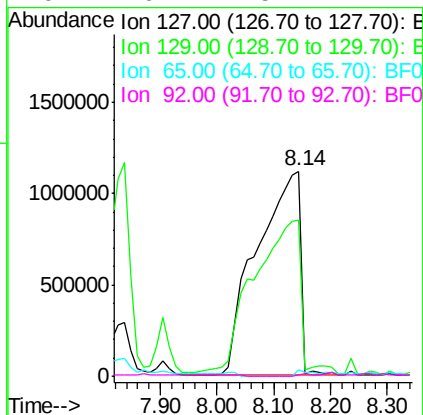
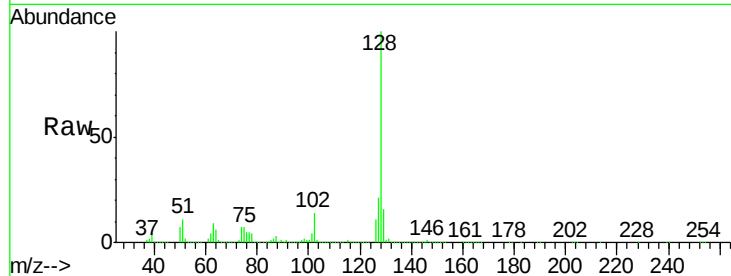




#33
 4-Chloroaniline
 Concen: 1343.89 ng
 RT: 8.14 min Scan# 530
 Delta R.T. 0.05 min
 Lab File: BF086719.D
 Acq: 5 May 2016 21:45

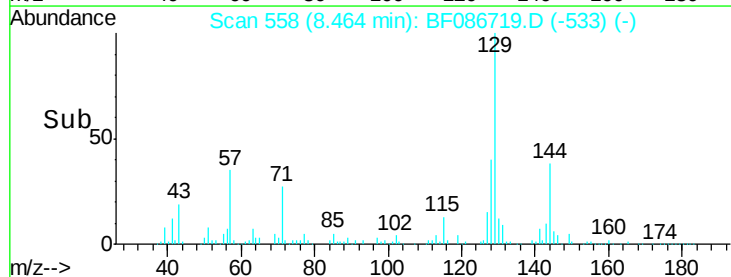
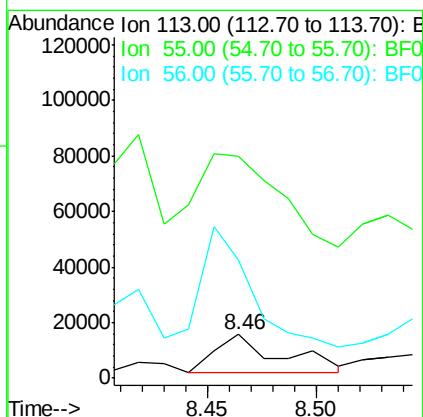
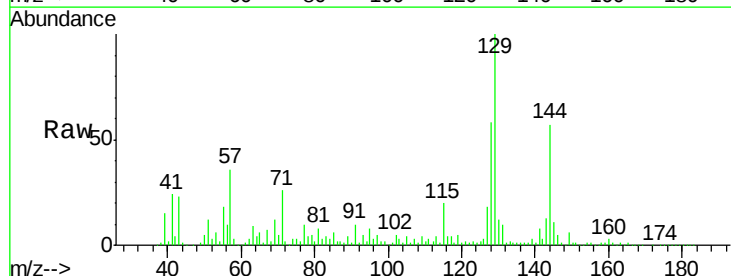
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B1COMP

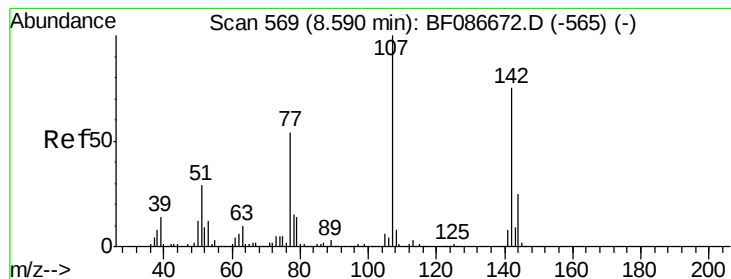
Tgt Ion:127 Resp: 6034115
 Ion Ratio Lower Upper
 127 100
 129 76.4 26.2 39.4#
 65 3.0 23.0 34.4#
 92 0.4 15.1 22.7#



#35
 Caprolactam
 Concen: 30.83 ng
 RT: 8.46 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: BF086719.D
 Acq: 5 May 2016 21:45

Tgt Ion:113 Resp: 29336
 Ion Ratio Lower Upper
 113 100
 55 506.1 162.0 202.0#
 56 270.4 115.3 155.3#

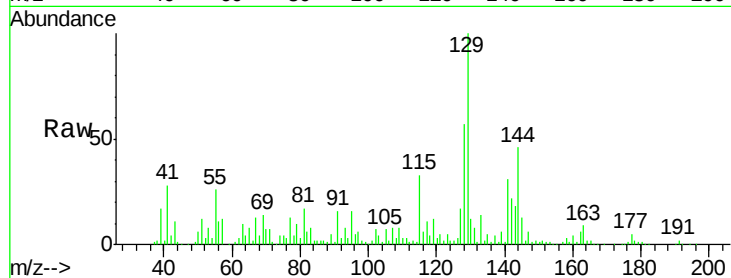




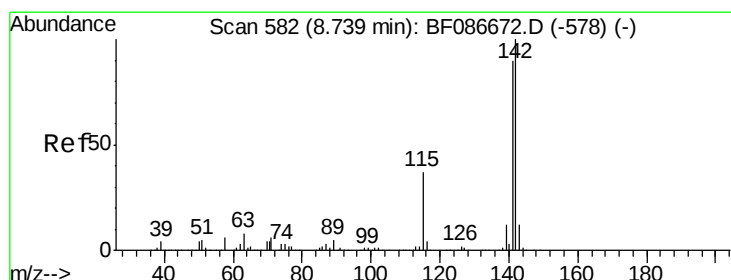
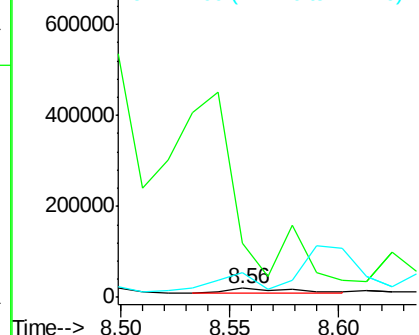
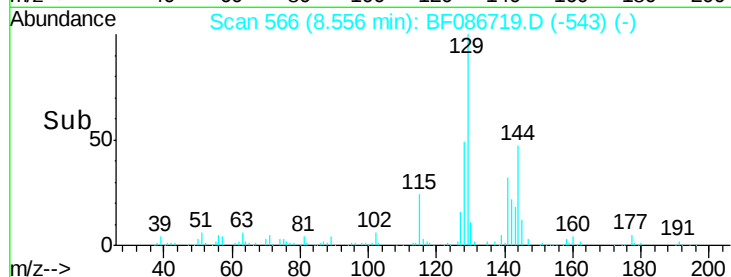
#36
 4-Chloro-3-methylphenol
 Concen: 7.04 ng
 RT: 8.56 min Scan# 566
 Delta R.T. -0.03 min
 Lab File: BF086719.D
 Acq: 5 May 2016 21:45

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B1COMP

Tgt Ion:107 Resp: 24707
 Ion Ratio Lower Upper
 107 100
 144 612.6 20.7 31.1#
 142 286.2 63.2 94.8#

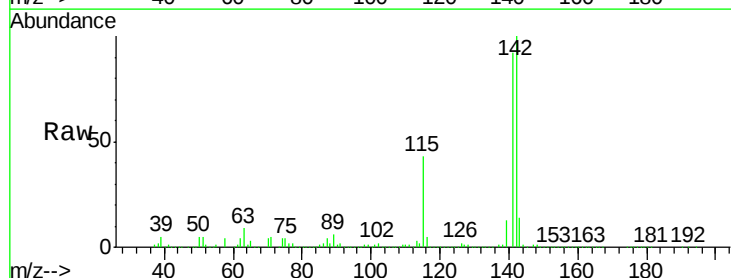


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

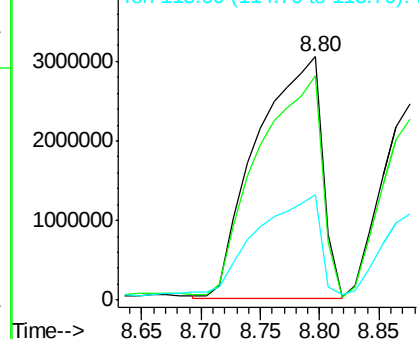
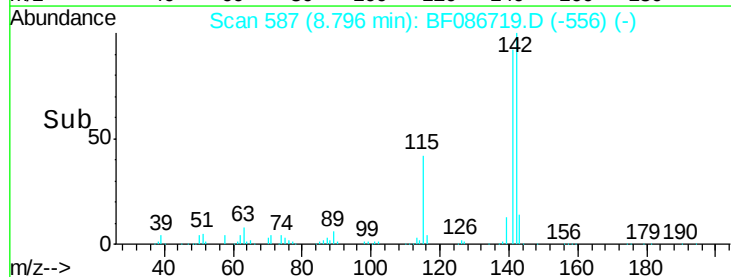


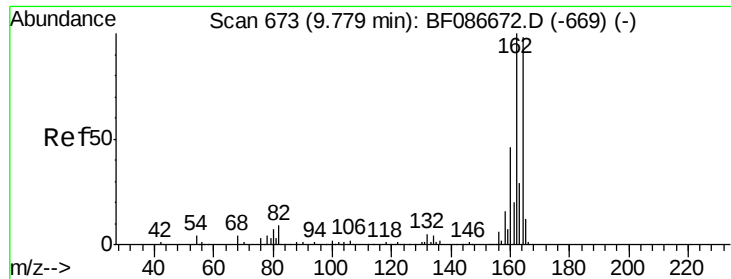
#37
 2-Methylnaphthalene
 Concen: 1693.47 ng
 RT: 8.80 min Scan# 587
 Delta R.T. 0.06 min
 Lab File: BF086719.D
 Acq: 5 May 2016 21:45

Tgt Ion:142 Resp:11579576
 Ion Ratio Lower Upper
 142 100
 141 92.1 71.0 106.6
 115 43.0 26.6 39.8#



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

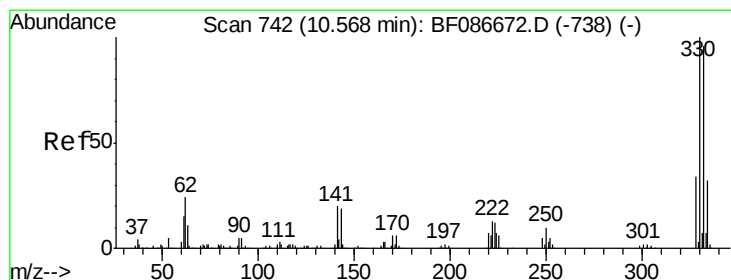
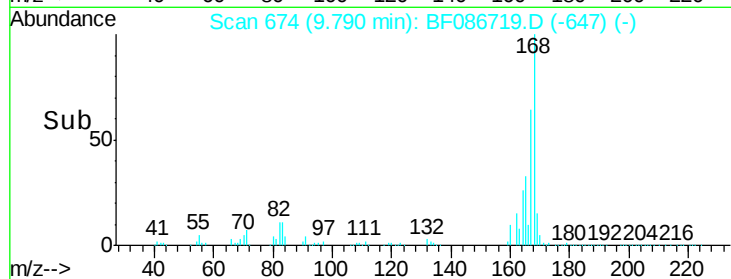
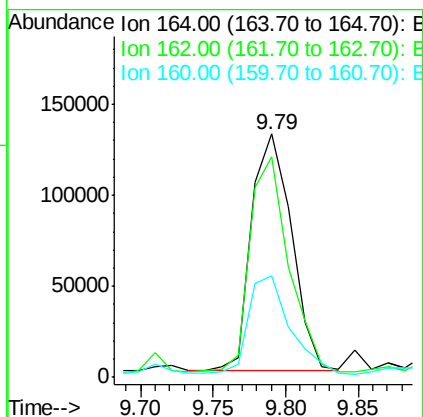
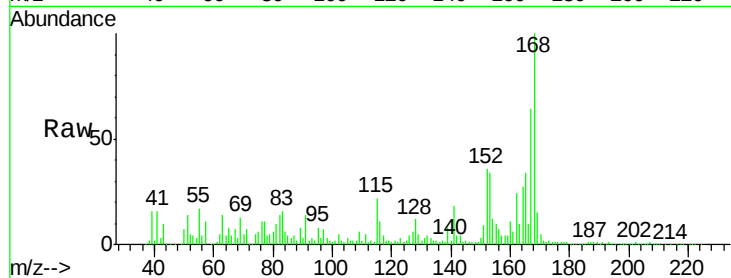




#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.01 min
 Lab File: BF086719.D
 Acq: 5 May 2016 21:45

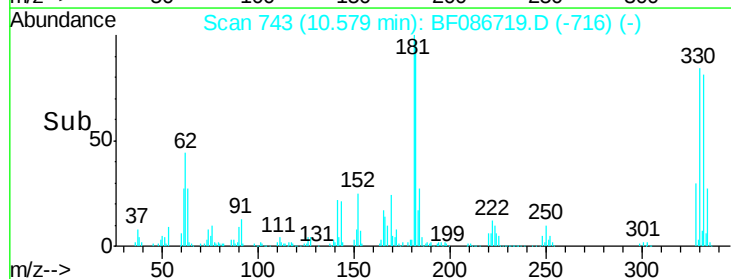
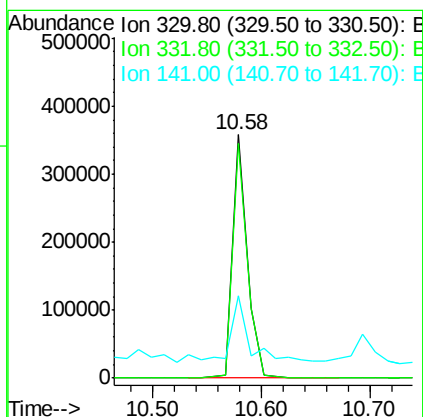
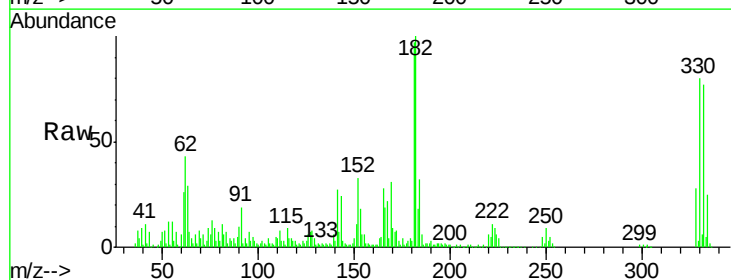
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B1COMP

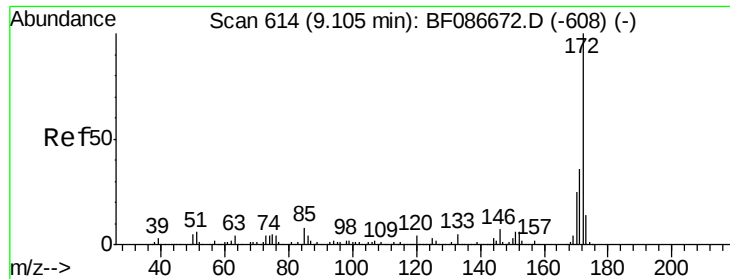
Tgt Ion:164 Resp: 249287
 Ion Ratio Lower Upper
 164 100
 162 90.4 82.8 124.2
 160 41.8 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 134.75 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.01 min
 Lab File: BF086719.D
 Acq: 5 May 2016 21:45

Tgt Ion:330 Resp: 328597
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.0 118.4
 141 31.7 31.2 46.8





#44

2-Fluorobiphenyl

Concen: 96.53 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.00 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

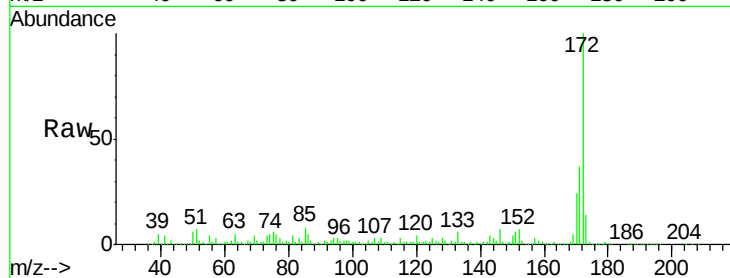
Tgt Ion:172 Resp: 1467989

Ion Ratio Lower Upper

172 100

171 36.7 29.0 43.6

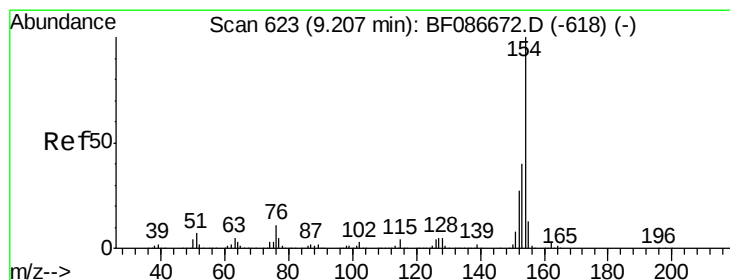
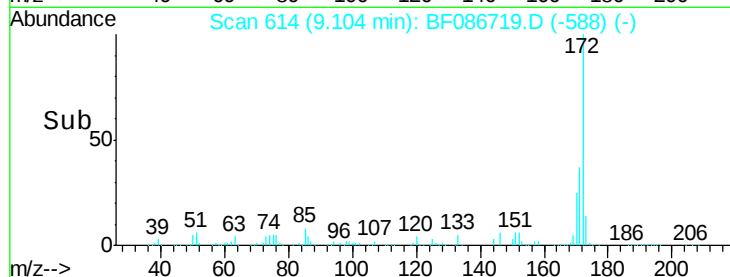
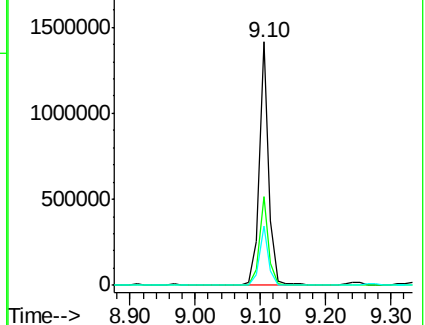
170 24.5 19.8 29.8



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: 169.77 ng

RT: 9.22 min Scan# 624

Delta R.T. 0.01 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

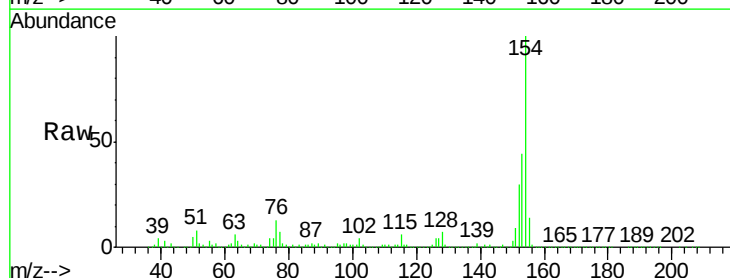
Tgt Ion:154 Resp: 3460008

Ion Ratio Lower Upper

154 100

153 43.6 20.3 60.3

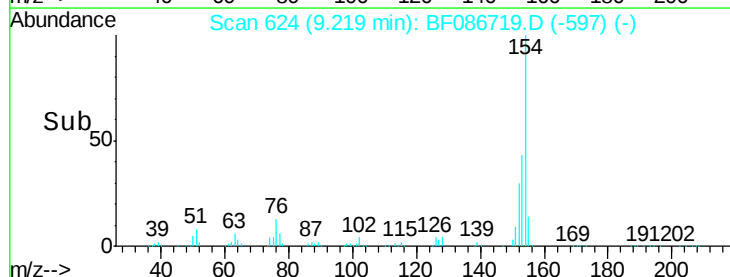
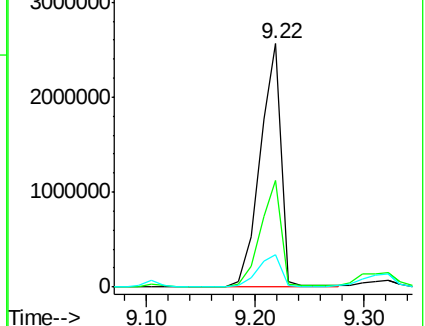
76 13.3 0.0 30.2

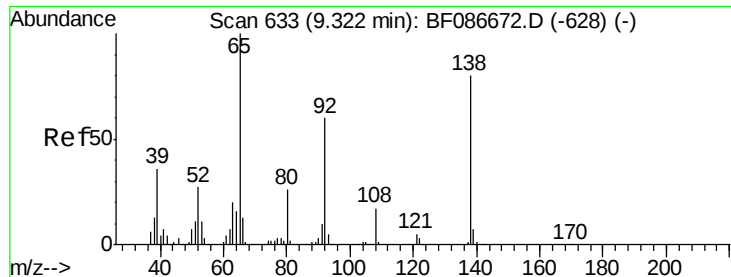


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#47

2-Nitroaniline

Concen: 16.72 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

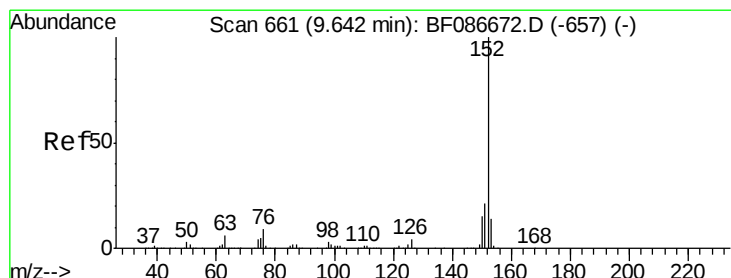
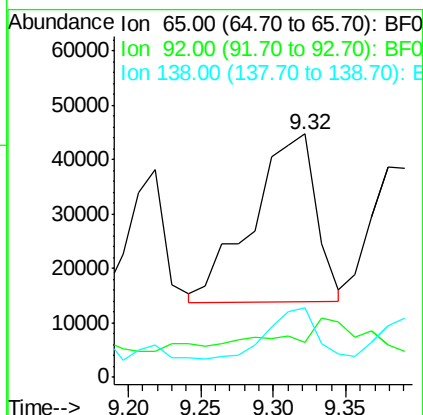
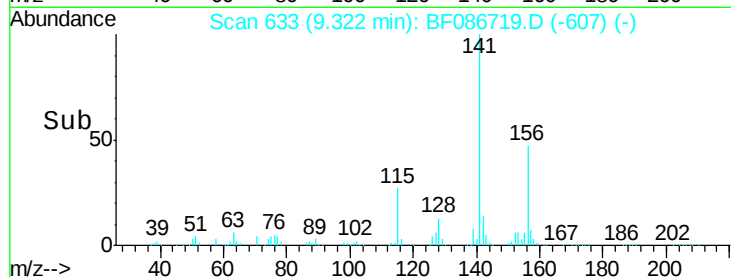
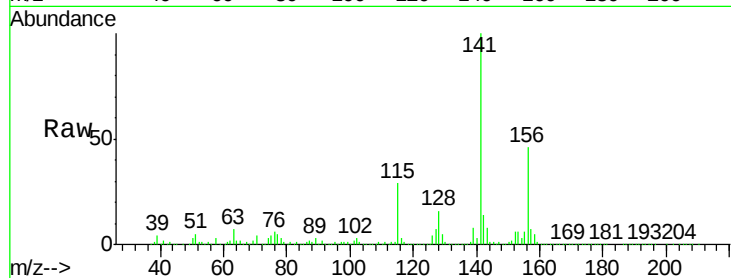
Tgt Ion: 65 Resp: 93506

Ion Ratio Lower Upper

65 100

92 14.5 57.4 86.2#

138 28.7 90.1 135.1#



#48

Acenaphthylene

Concen: 133.61 ng

RT: 9.65 min Scan# 662

Delta R.T. 0.01 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

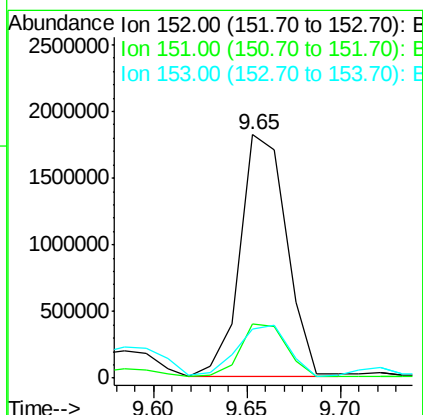
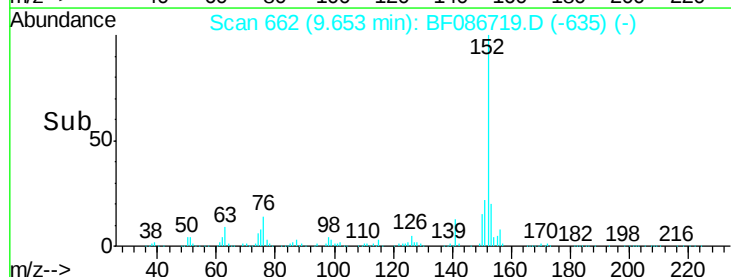
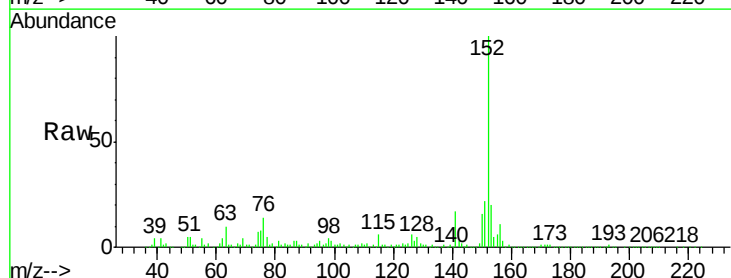
Tgt Ion: 152 Resp: 3119533

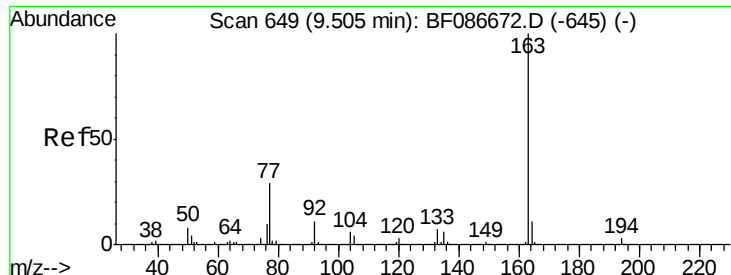
Ion Ratio Lower Upper

152 100

151 22.2 16.8 25.2

153 20.2 10.9 16.3#





#49

Dimethylphthalate

Concen: 9.85 ng

RT: 9.52 min Scan# 650

Delta R.T. 0.01 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

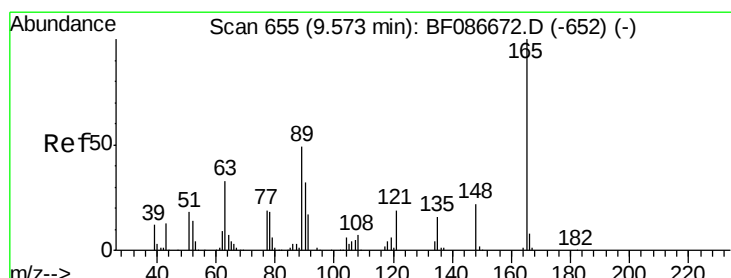
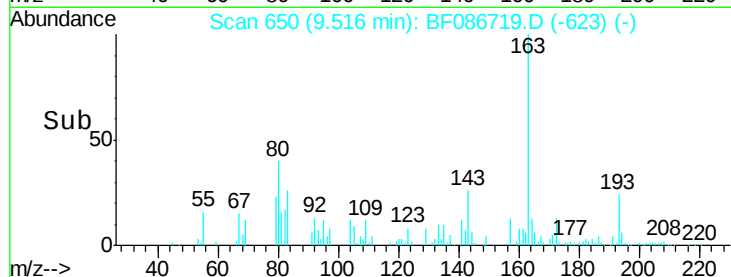
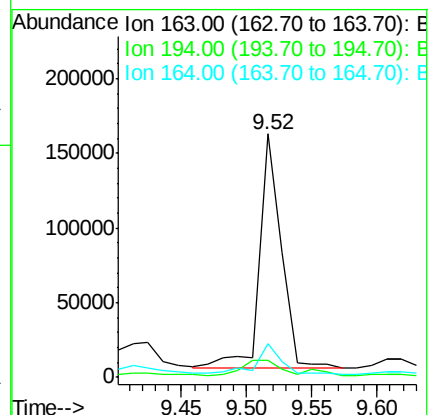
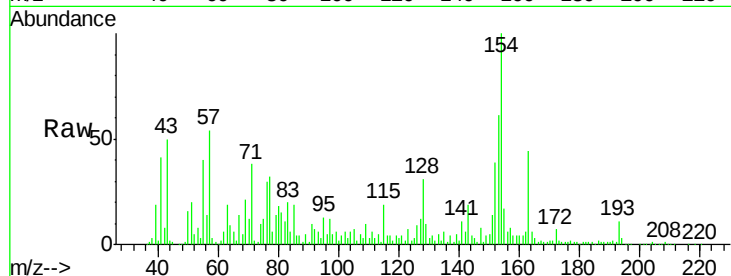
Tgt Ion:163 Resp: 182961

Ion Ratio Lower Upper

163 100

194 7.0 2.6 4.0#

164 13.9 8.2 12.4#



#50

2,6-Dinitrotoluene

Concen: 5.34 ng

RT: 9.64 min Scan# 661

Delta R.T. 0.07 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

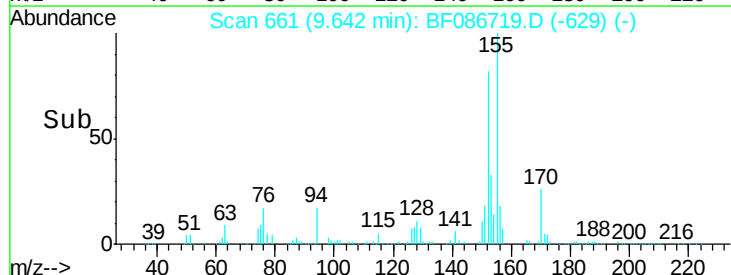
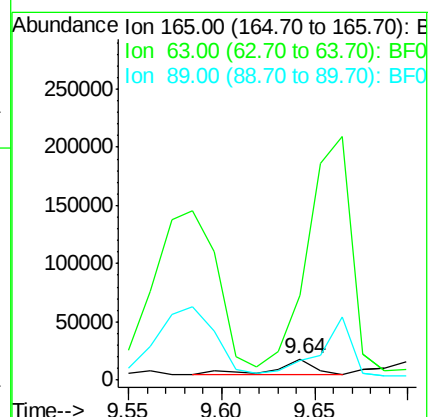
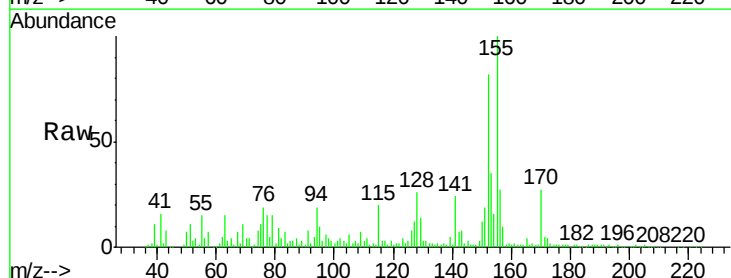
Tgt Ion:165 Resp: 21315

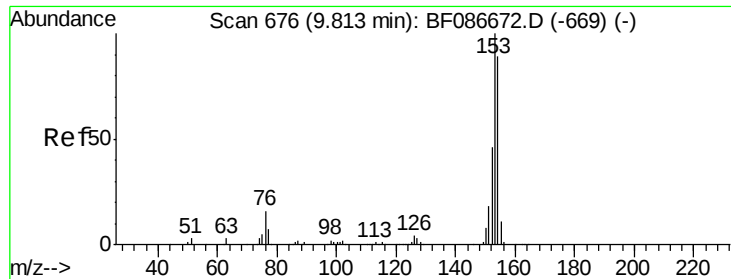
Ion Ratio Lower Upper

165 100

63 396.9 51.8 77.8#

89 91.2 50.7 76.1#





#51

Acenaphthene

Concen: 402.76 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.05 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

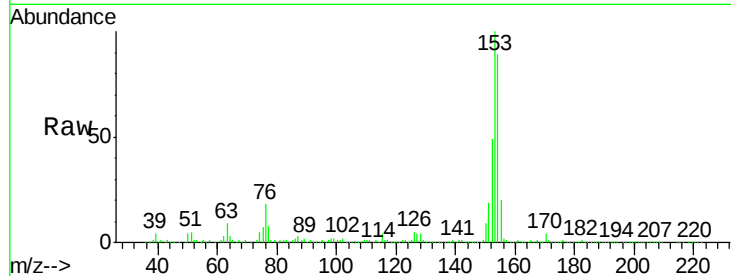
Tgt Ion:154 Resp: 6203013

Ion Ratio Lower Upper

154 100

153 111.8 89.8 134.6

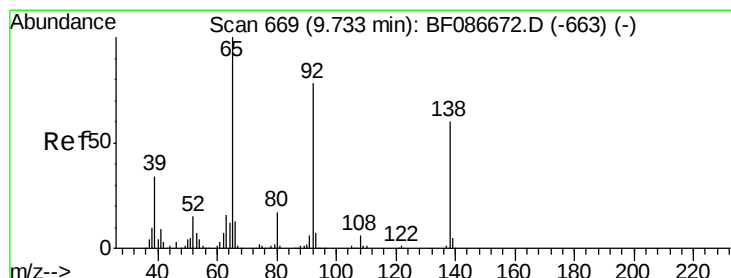
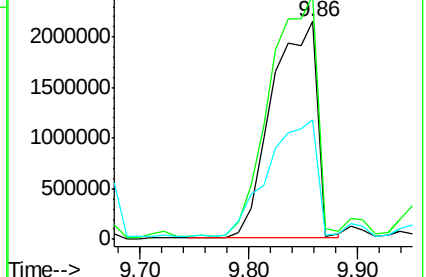
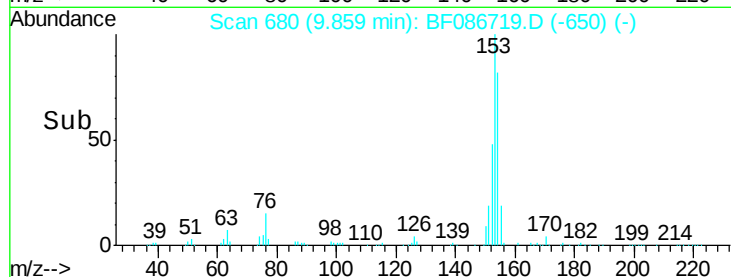
152 55.1 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 2.45 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

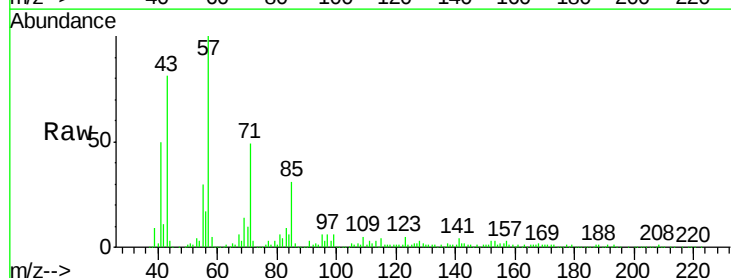
Tgt Ion:138 Resp: 11115

Ion Ratio Lower Upper

138 100

108 80.9 7.8 11.6#

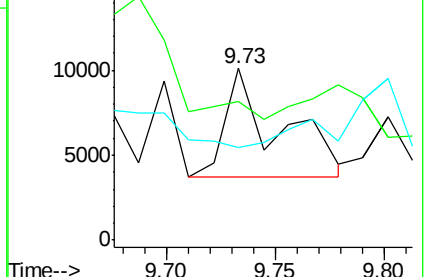
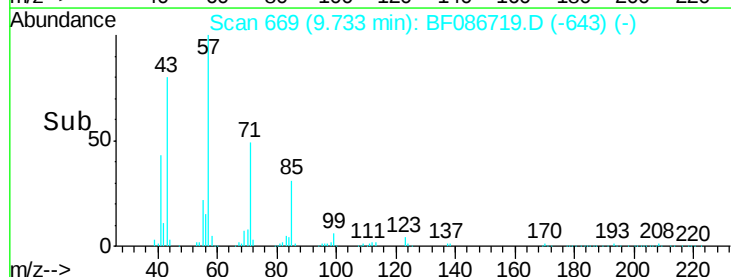
92 53.6 87.8 131.8#

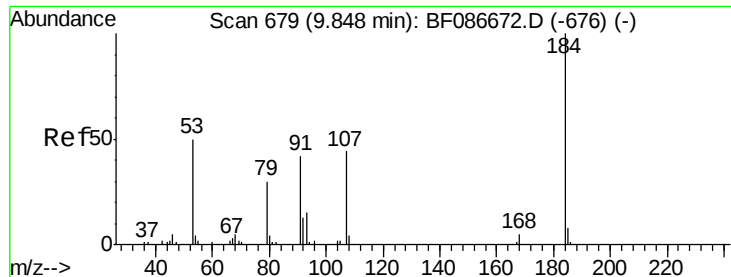


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

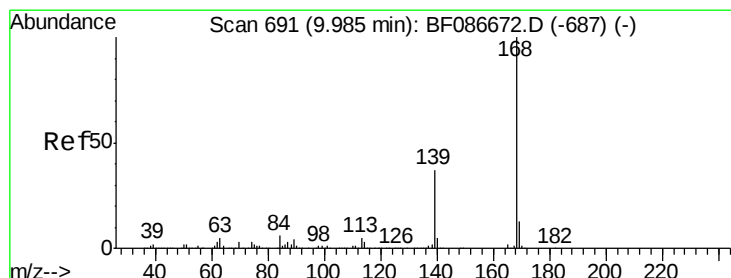
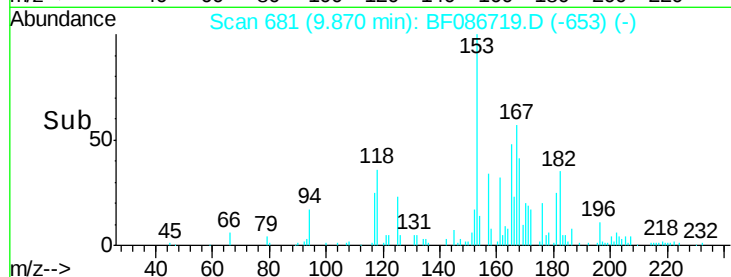
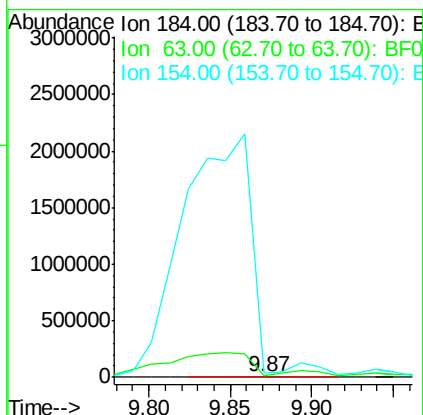
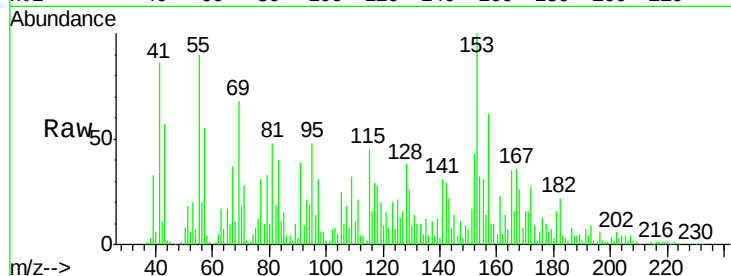




#53
2,4-Dinitrophenol
Concen: 16.79 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.02 min
Lab File: BF086719.D
Acq: 5 May 2016 21:45

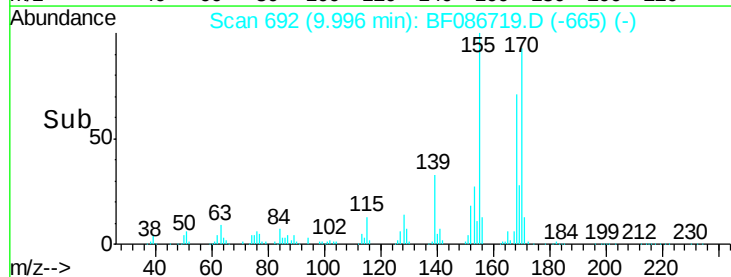
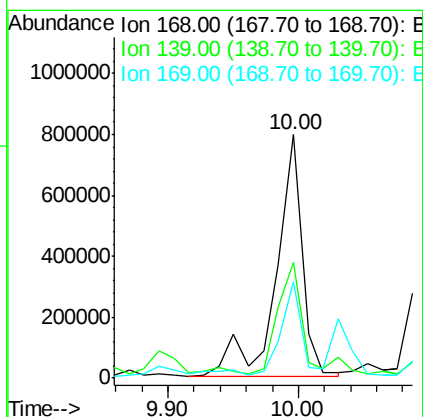
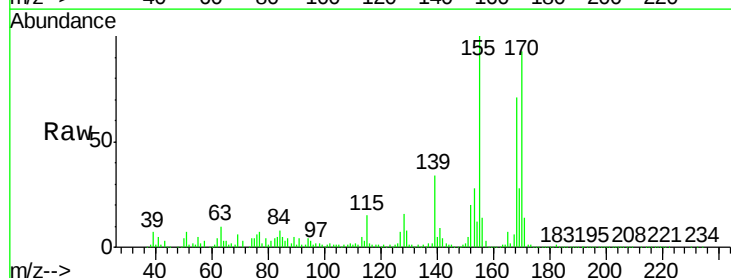
Instrument :
BNA_F
ClientSampleId :
TEC-B1COMP

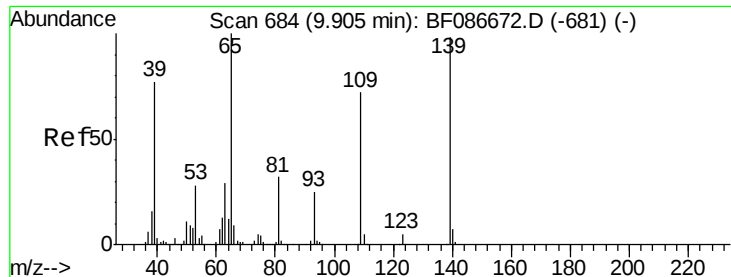
Tgt Ion:184 Resp: 8479
Ion Ratio Lower Upper
184 100
63 502.6 55.8 83.8#
154 966.9 62.4 93.6#



#54
Dibenzofuran
Concen: 58.28 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF086719.D
Acq: 5 May 2016 21:45

Tgt Ion:168 Resp: 1112621
Ion Ratio Lower Upper
168 100
139 47.5 31.4 47.0#
169 39.7 10.7 16.1#





#55

4-Nitrophenol

Concen: 47.51 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

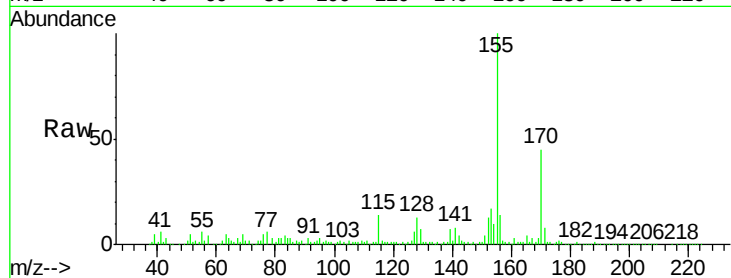
Tgt Ion:139 Resp: 125596

Ion Ratio Lower Upper

139 100

109 29.8 36.9 76.9#

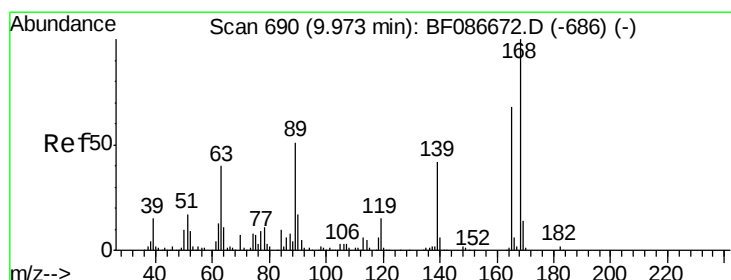
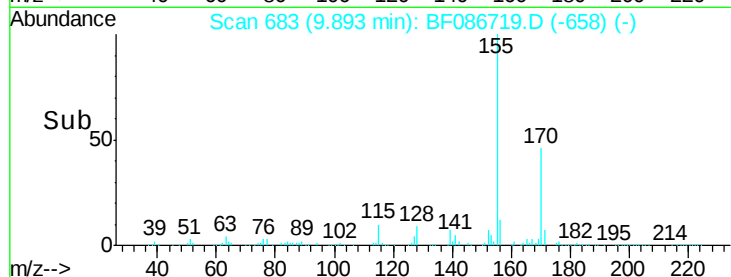
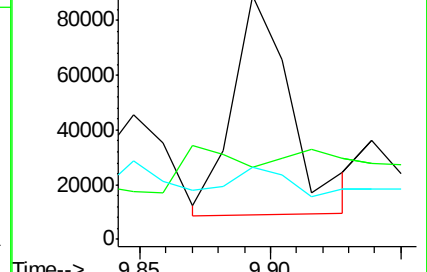
65 29.5 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 28.00 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

Tgt Ion:165 Resp: 138385

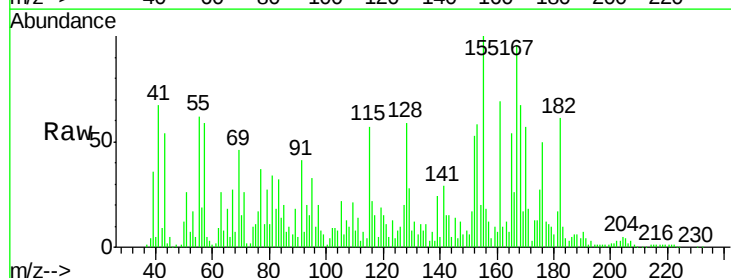
Ion Ratio Lower Upper

165 100

63 47.5 44.3 66.5

89 32.9 70.0 105.0#

182 113.5 1.8 2.6#

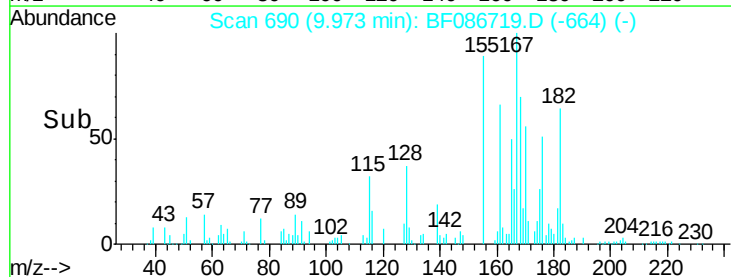
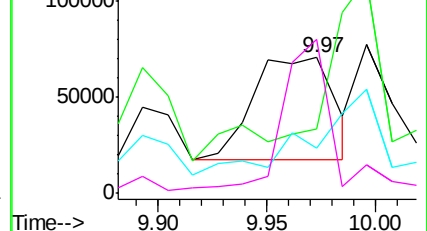


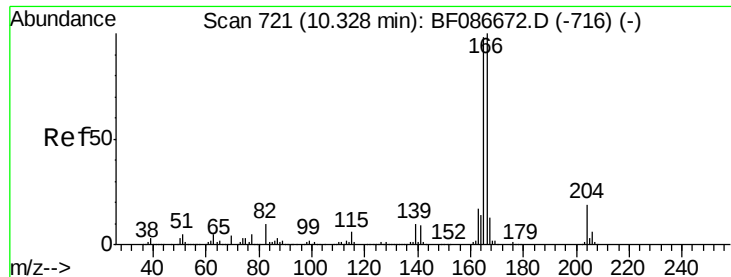
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

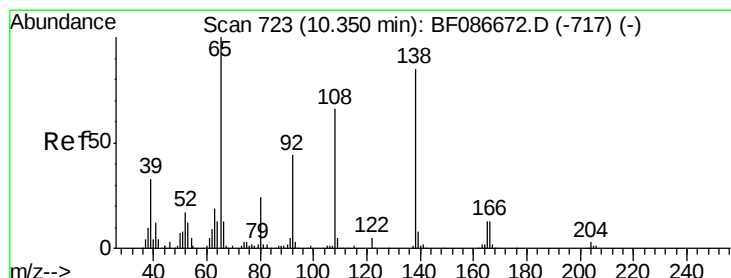
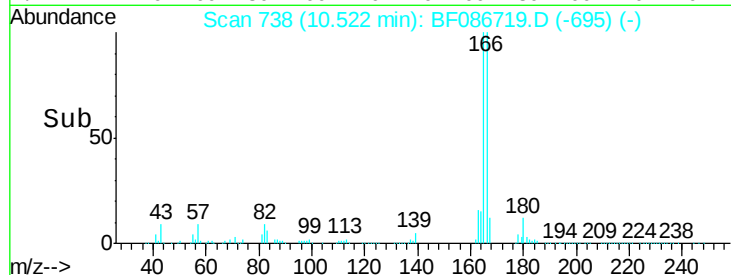
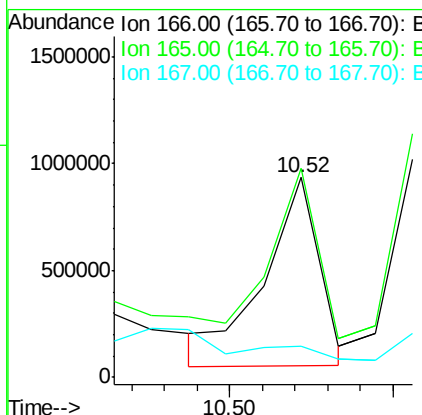
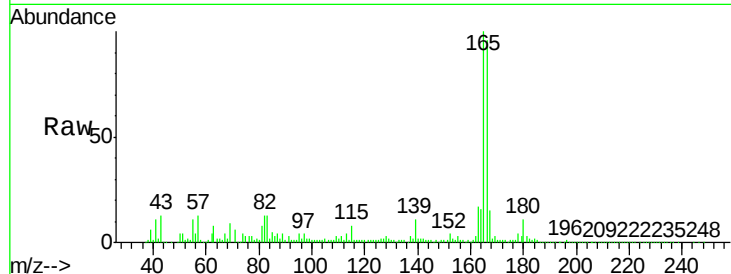




#57
Fluorene
 Concen: 66.96 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.19 min
 Lab File: BF086719.D
 Acq: 5 May 2016 21:45

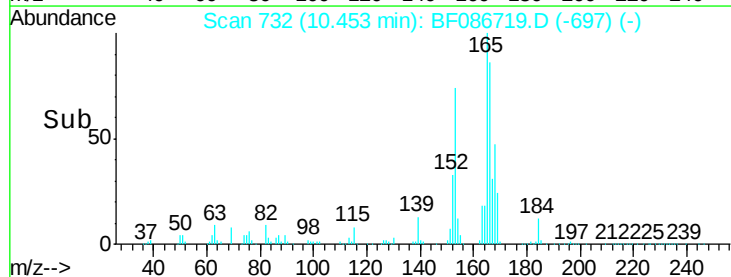
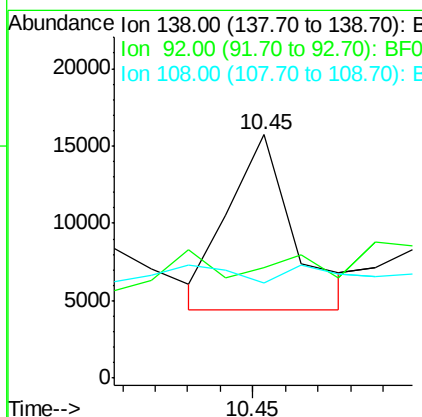
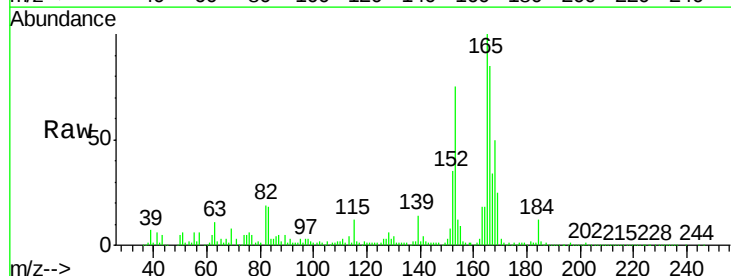
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B1COMP

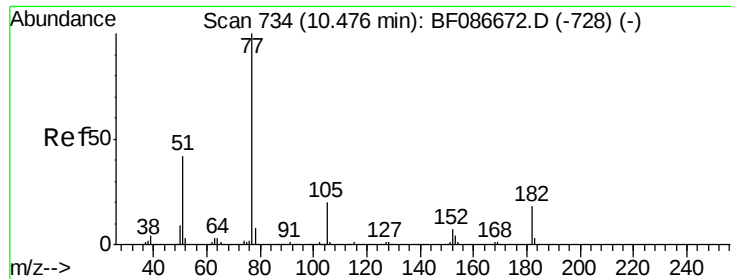
Tgt Ion:166 Resp: 1035991
 Ion Ratio Lower Upper
 166 100
 165 104.6 79.0 118.6
 167 15.4 10.6 15.8



#61
4-Nitroaniline
 Concen: 3.59 ng
 RT: 10.45 min Scan# 732
 Delta R.T. 0.10 min
 Lab File: BF086719.D
 Acq: 5 May 2016 21:45

Tgt Ion:138 Resp: 15647
 Ion Ratio Lower Upper
 138 100
 92 45.3 24.7 64.7
 108 38.8 37.4 77.4

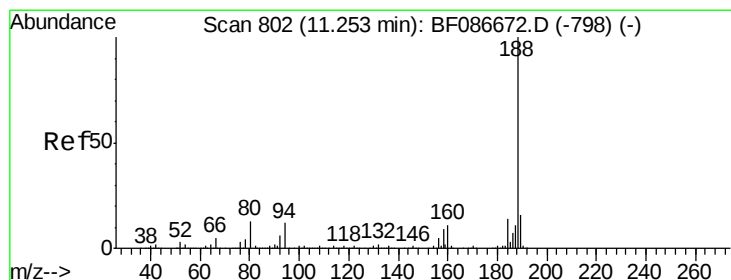
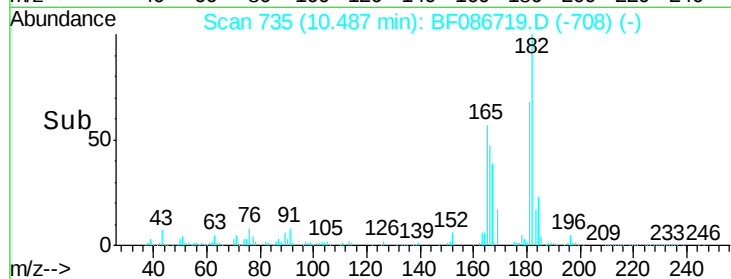
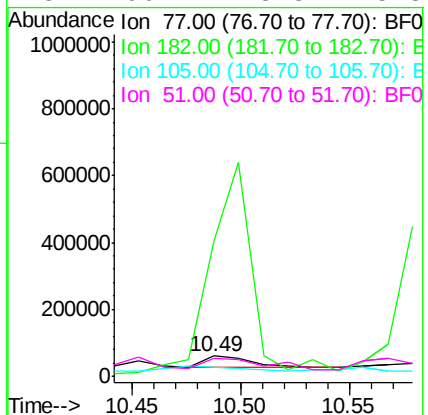
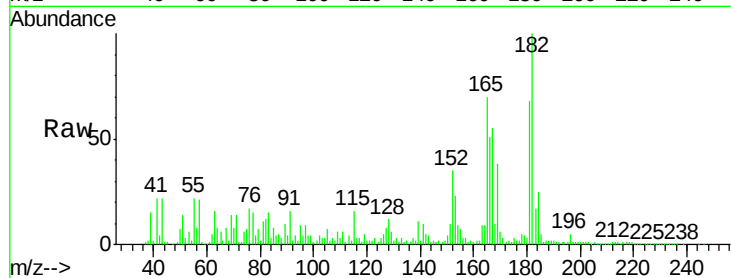




#62
Azobenzene
Concen: 2.58 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF086719.D
Acq: 5 May 2016 21:45

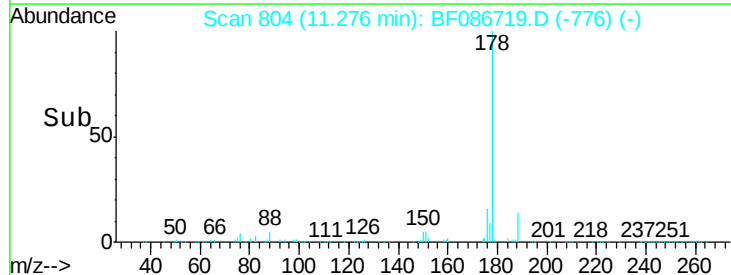
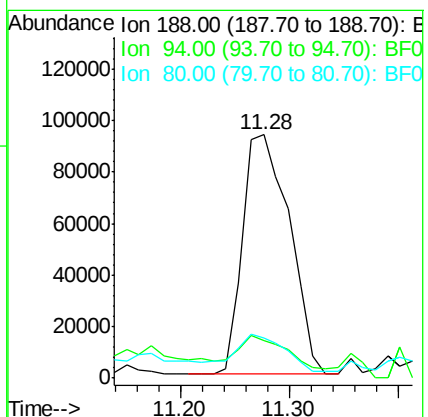
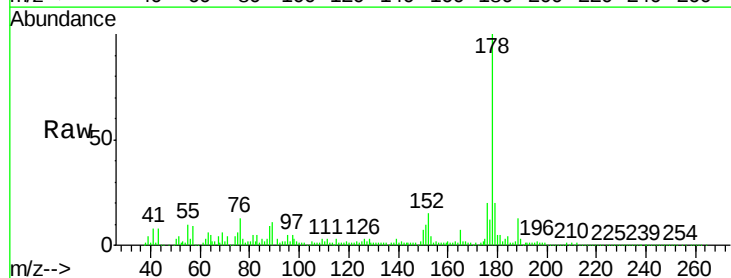
Instrument :
BNA_F
ClientSampleId :
TEC-B1COMP

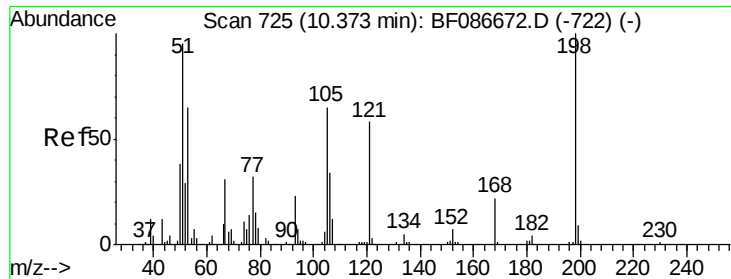
Tgt Ion: 77 Resp: 50230
Ion Ratio Lower Upper
77 100
182 668.5 0.0 38.8#
105 44.2 3.2 43.2#
51 90.7 8.8 48.8#



#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.02 min
Lab File: BF086719.D
Acq: 5 May 2016 21:45

Tgt Ion: 188 Resp: 276043
Ion Ratio Lower Upper
188 100
94 15.7 6.8 10.2#
80 16.7 7.1 10.7#

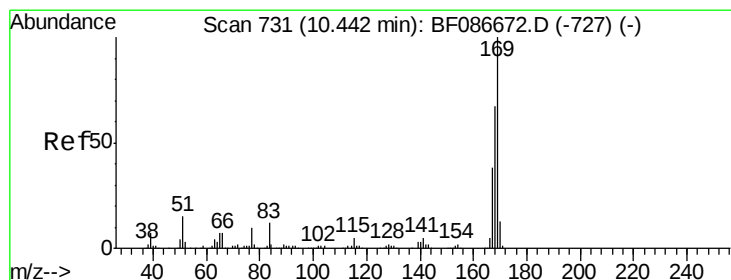
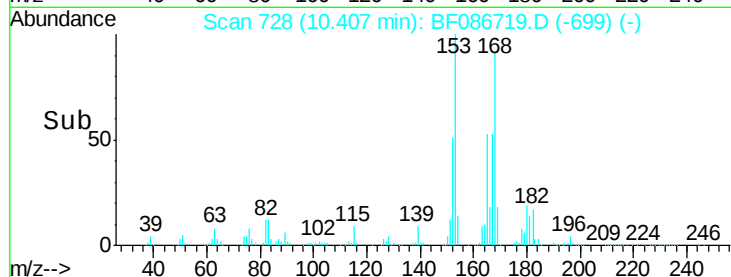
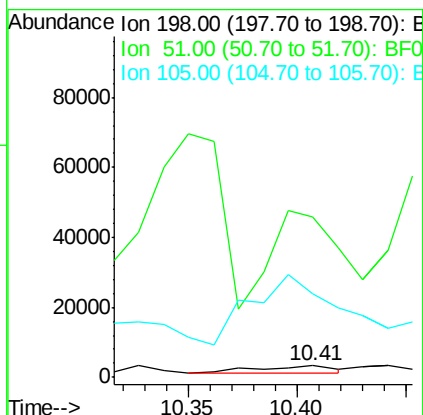
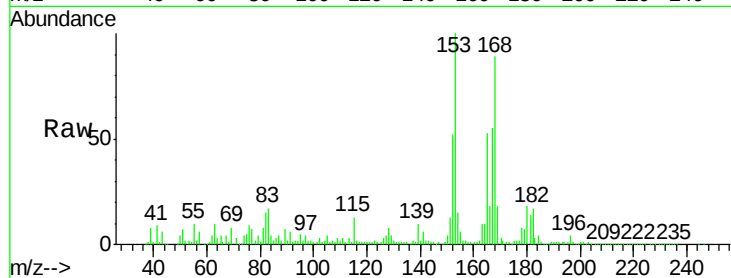




#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.42 ng
 RT: 10.41 min Scan# 728
 Delta R.T. 0.03 min
 Lab File: BF086719.D
 Acq: 5 May 2016 21:45

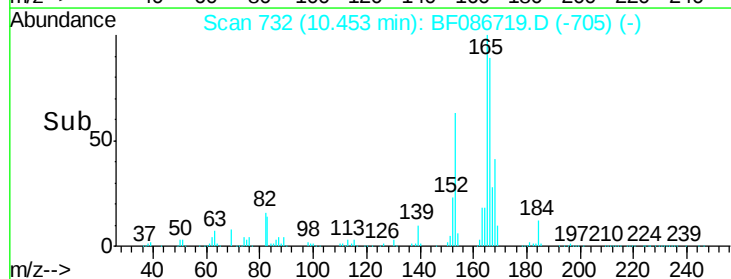
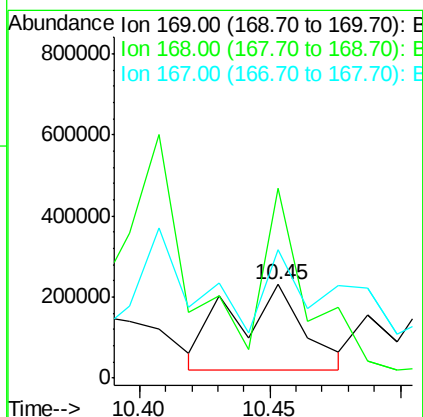
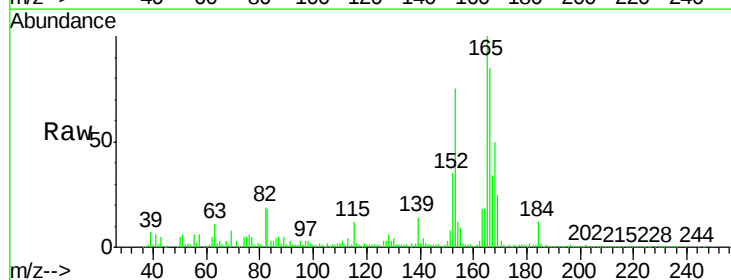
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B1COMP

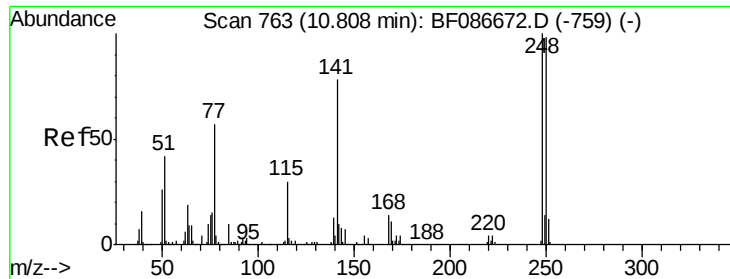
Tgt Ion:198 Resp: 5282
 Ion Ratio Lower Upper
 198 100
 51 1384.7 20.5 60.5#
 105 726.1 24.5 64.5#



#65
 n-Nitrosodiphenylamine
 Concen: 46.11 ng
 RT: 10.45 min Scan# 732
 Delta R.T. 0.01 min
 Lab File: BF086719.D
 Acq: 5 May 2016 21:45

Tgt Ion:169 Resp: 404158
 Ion Ratio Lower Upper
 169 100
 168 202.5 53.8 80.6#
 167 137.7 29.5 44.3#





#66

4-Bromophenyl-phenylether

Concen: 5.97 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.23 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

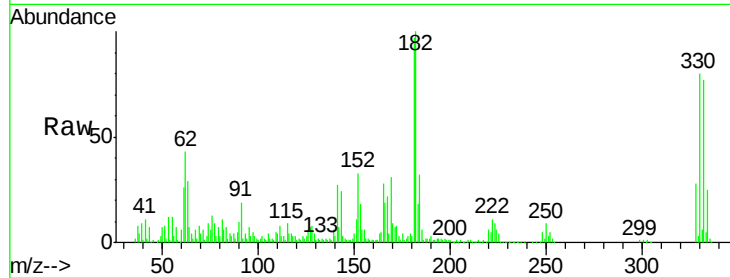
Tgt Ion:248 Resp: 16376

Ion Ratio Lower Upper

248 100

250 200.8 78.6 117.8#

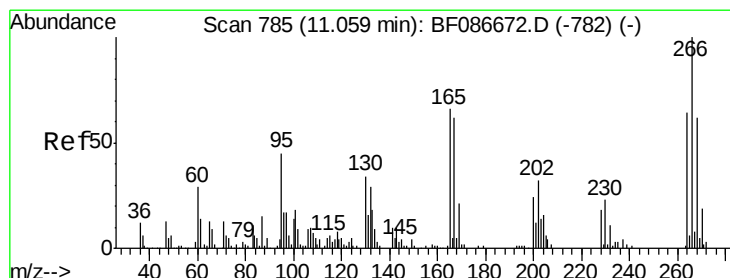
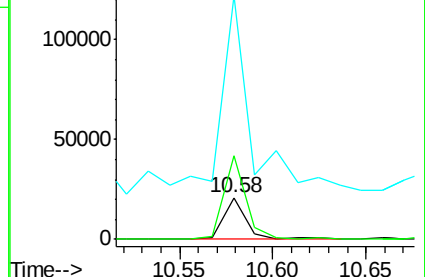
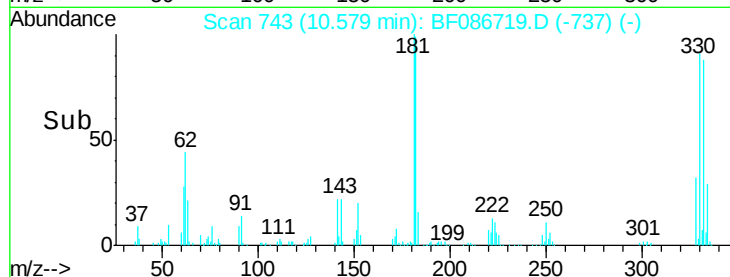
141 585.6 76.0 114.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#69

Pentachlorophenol

Concen: 6.03 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.16 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

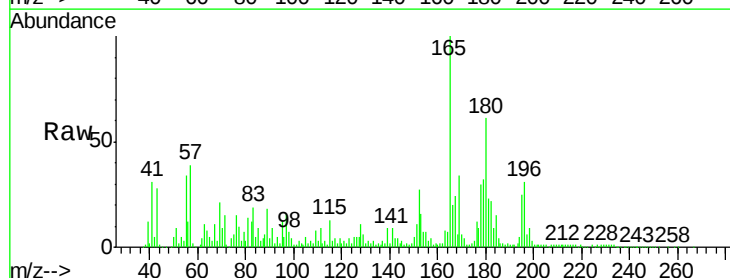
Tgt Ion:266 Resp: 373

Ion Ratio Lower Upper

266 100

268 0.0 51.5 77.3#

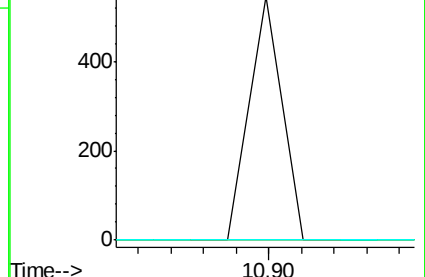
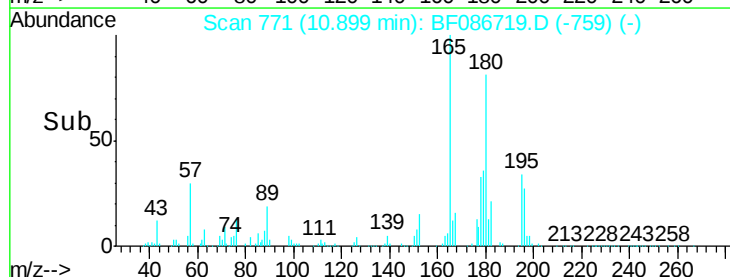
264 0.0 52.9 79.3#

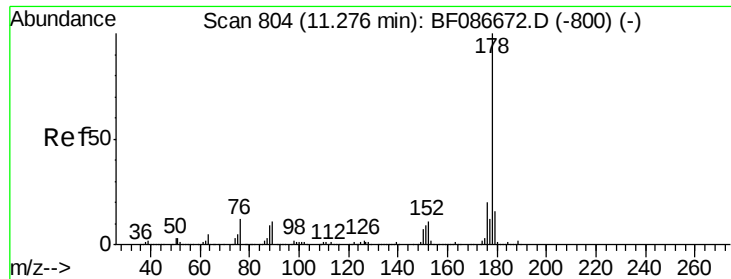


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

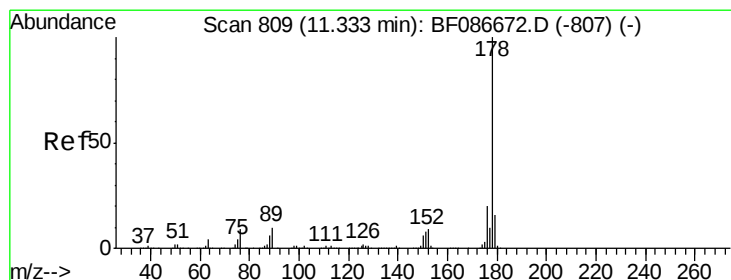
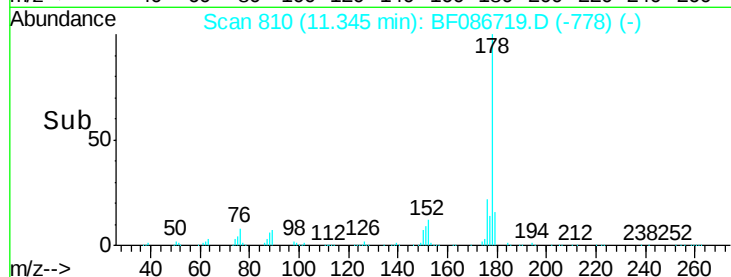
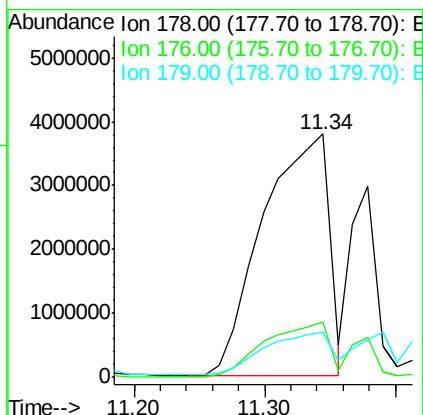
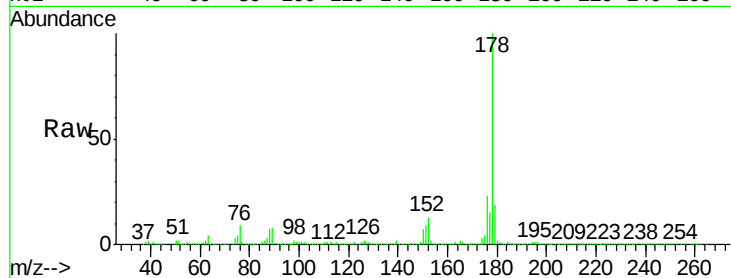




#70
Phenanthrene
Concen: 896.03 ng
RT: 11.34 min Scan# 810
Delta R.T. 0.07 min
Lab File: BF086719.D
Acq: 5 May 2016 21:45

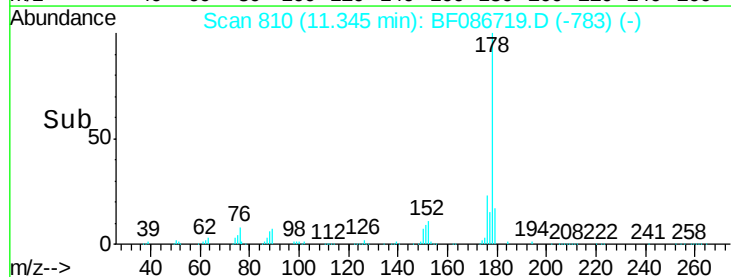
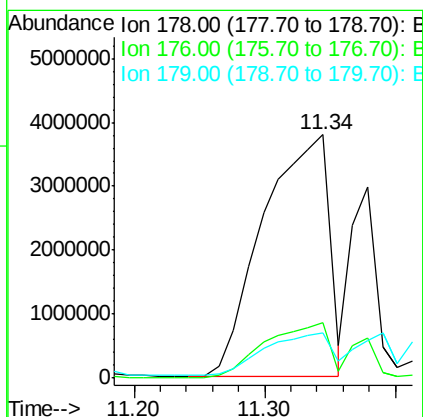
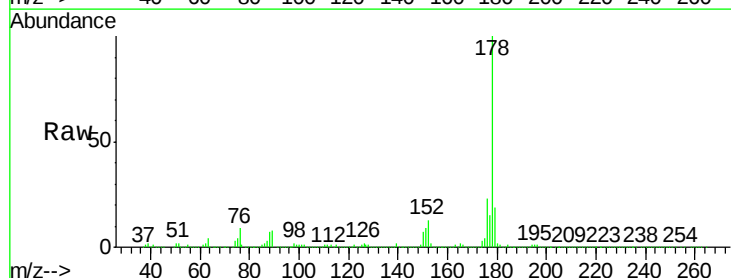
Instrument :
BNA_F
ClientSampleId :
TEC-B1COMP

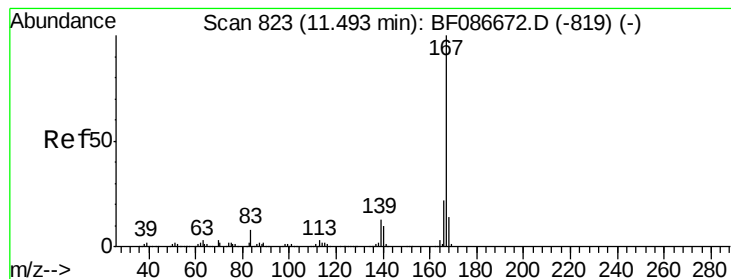
Tgt Ion:178 Resp:13285877
Ion Ratio Lower Upper
178 100
176 22.9 16.0 24.0
179 18.7 12.6 18.8



#71
Anthracene
Concen: 855.69 ng
RT: 11.34 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF086719.D
Acq: 5 May 2016 21:45

Tgt Ion:178 Resp:13285877
Ion Ratio Lower Upper
178 100
176 22.9 15.6 23.4
179 18.7 12.7 19.1





#72

Carbazole

Concen: 13.15 ng

RT: 11.50 min Scan# 824

Delta R.T. 0.01 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

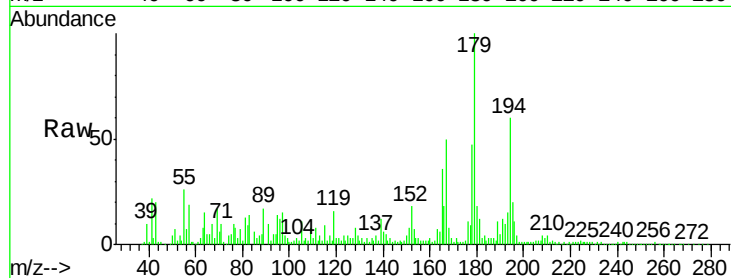
Tgt Ion:167 Resp: 177256

Ion Ratio Lower Upper

167 100

166 36.9 17.7 26.5#

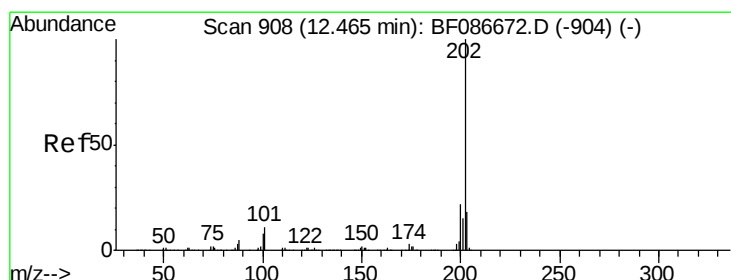
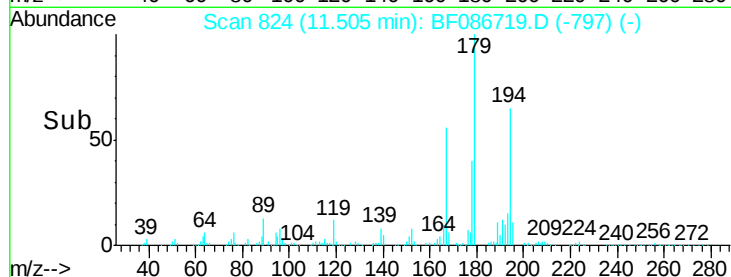
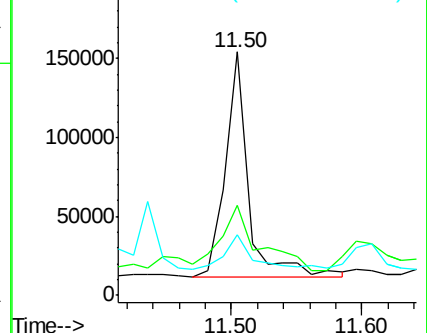
139 24.7 10.8 16.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 351.53 ng

RT: 12.51 min Scan# 912

Delta R.T. 0.05 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

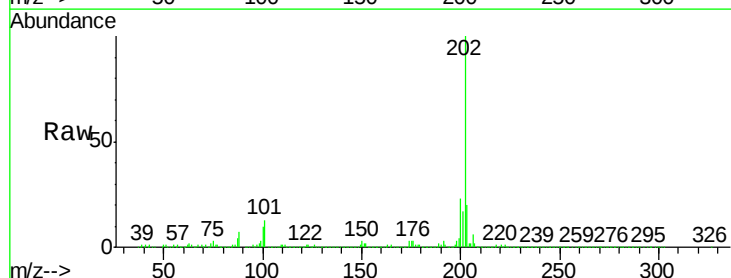
Tgt Ion:202 Resp: 5223585

Ion Ratio Lower Upper

202 100

101 12.9 0.0 35.4

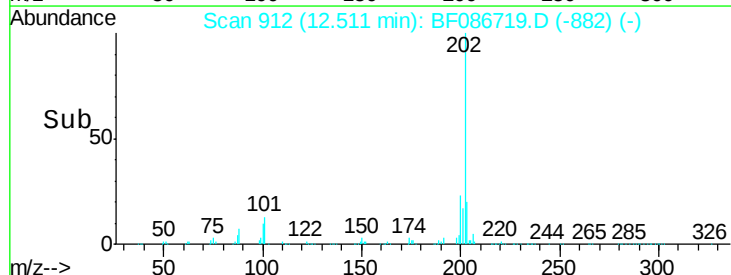
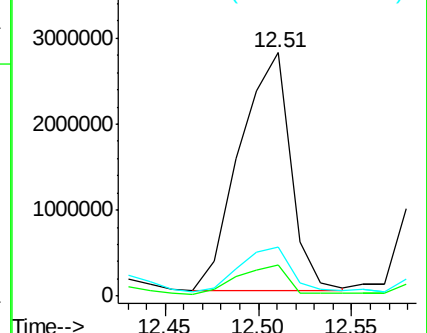
203 20.1 0.0 38.1

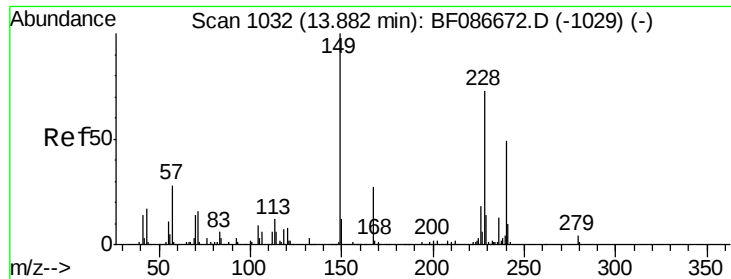


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.03 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

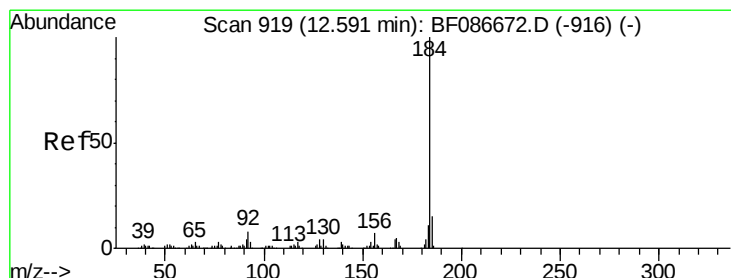
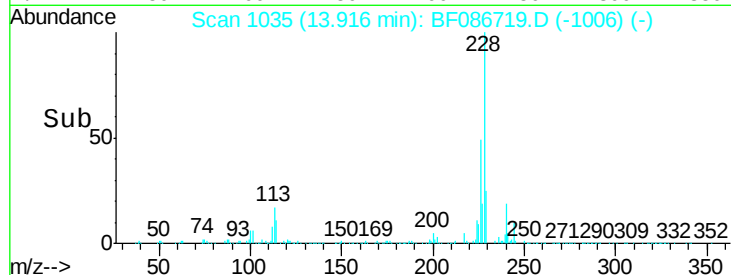
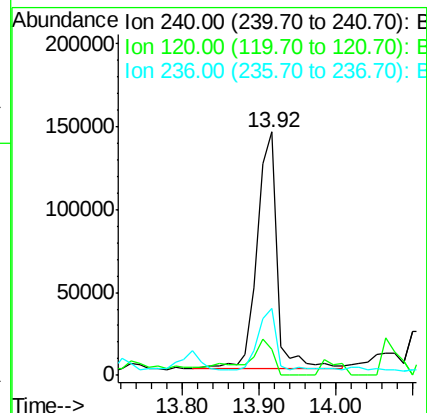
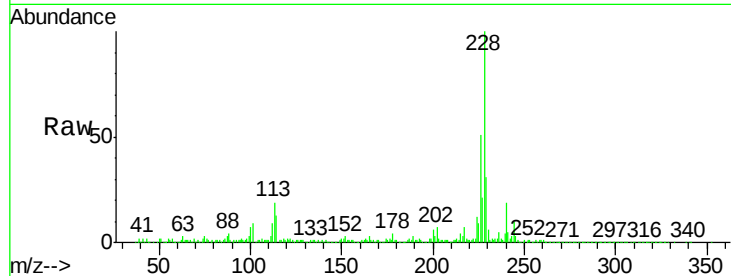
Tgt Ion:240 Resp: 258180

Ion Ratio Lower Upper

240 100

120 10.9 11.2 16.8#

236 27.5 21.2 31.8



#76

Benzidine

Concen: 7.73 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.07 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

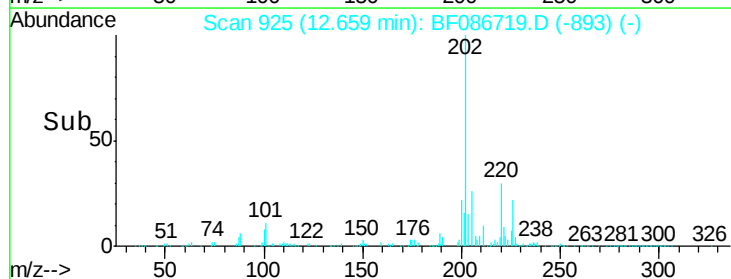
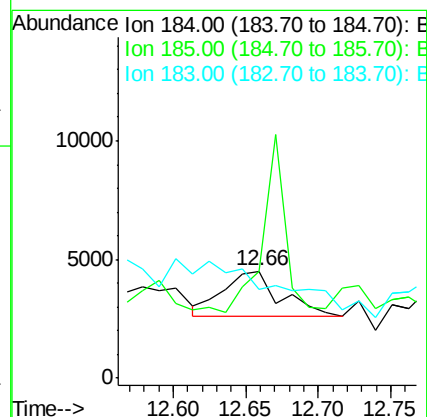
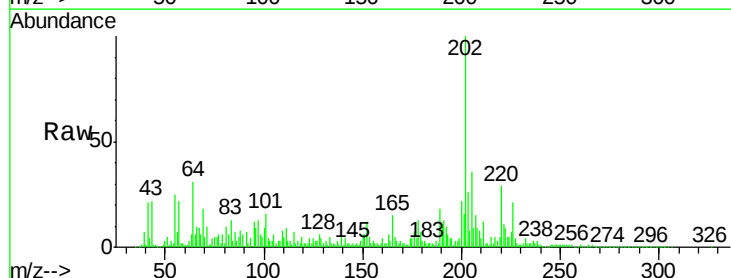
Tgt Ion:184 Resp: 5294

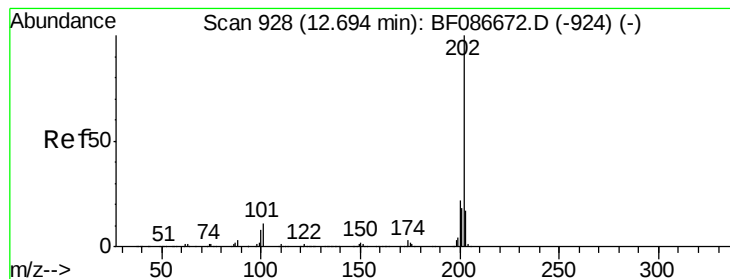
Ion Ratio Lower Upper

184 100

185 99.2 13.6 20.4#

183 83.1 9.8 14.6#





#77

Pyrene

Concen: 114.42 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.10 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

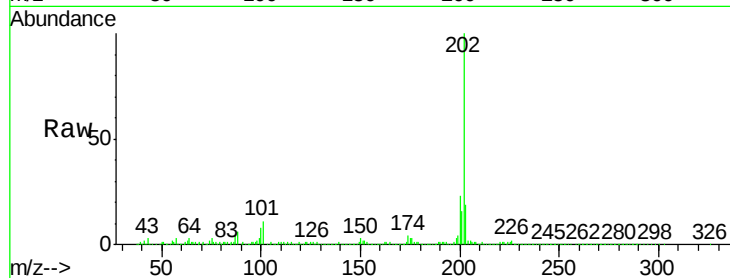
Tgt Ion:202 Resp: 2355185

Ion Ratio Lower Upper

202 100

200 22.5 17.7 26.5

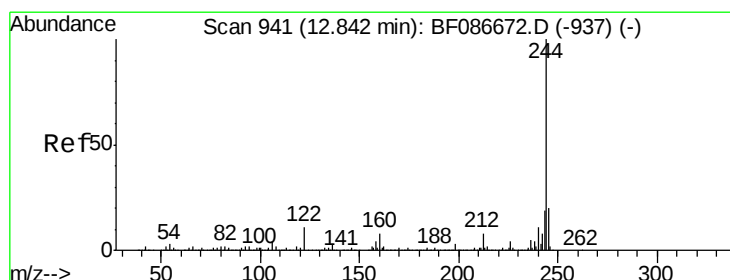
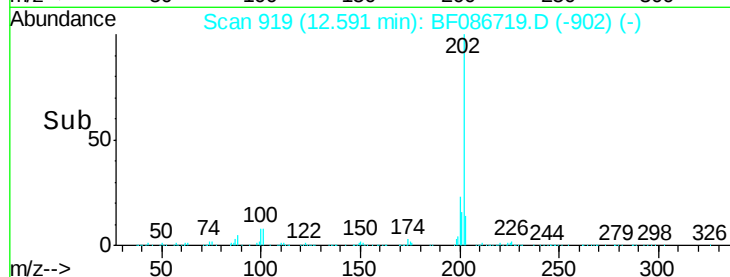
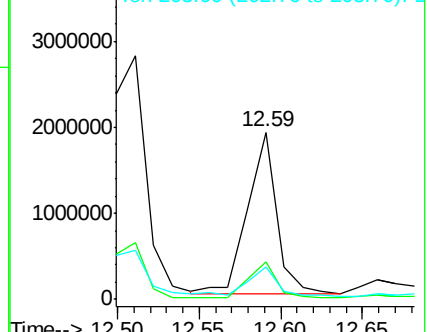
203 19.2 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.75 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

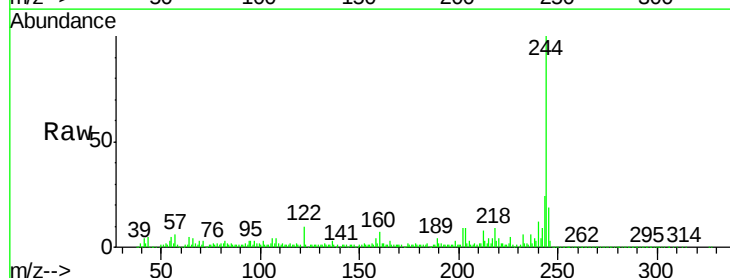
Tgt Ion:244 Resp: 1018730

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

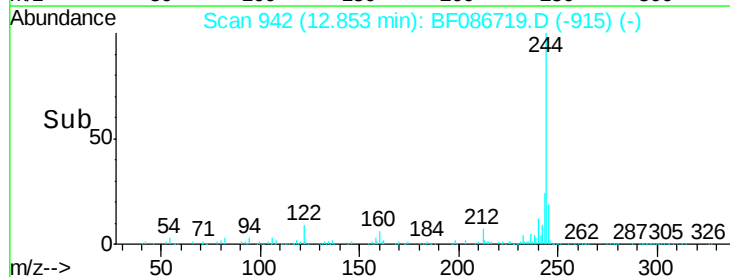
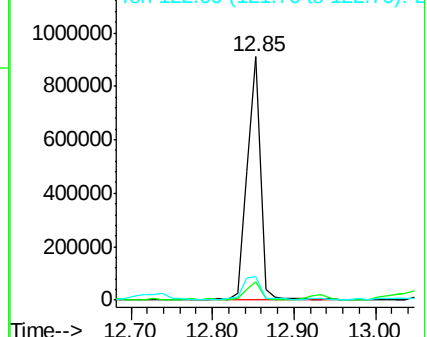
122 9.6 12.0 18.0#

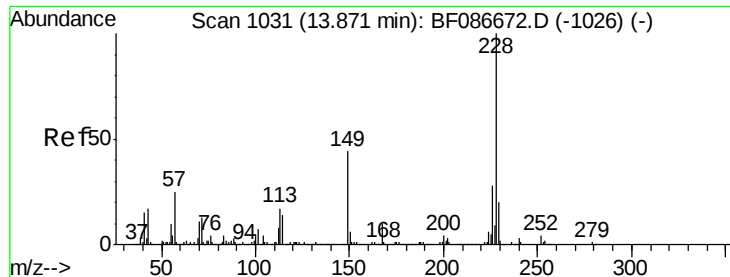


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 276.96 ng

RT: 13.90 min Scan# 1034

Delta R.T. 0.03 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

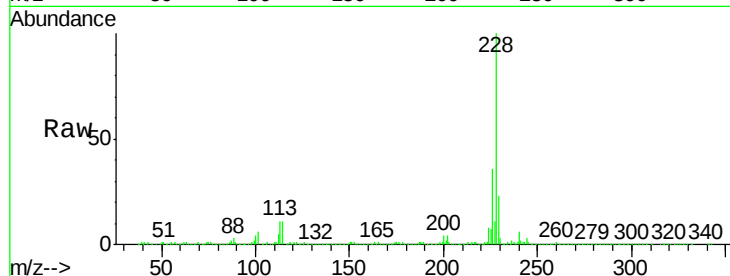
Tgt Ion:228 Resp: 4044157

Ion Ratio Lower Upper

228 100

226 35.8 22.5 33.7#

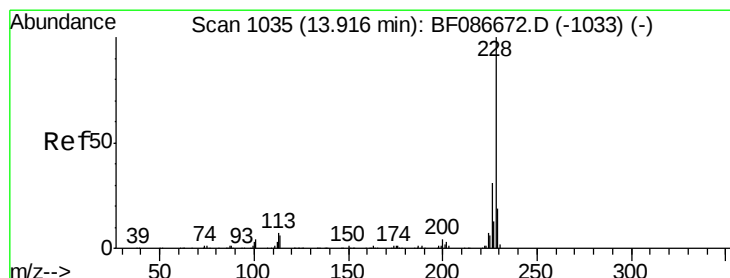
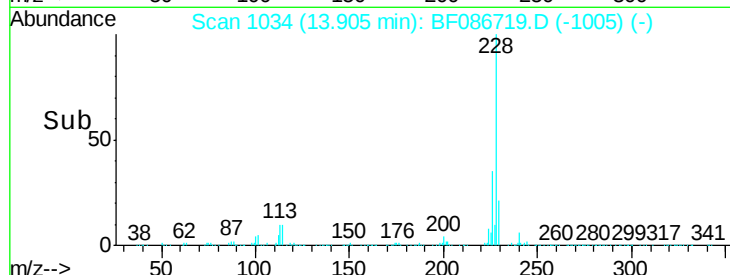
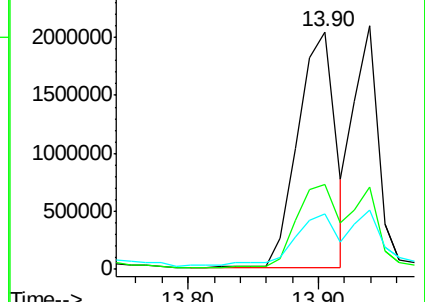
229 23.1 16.6 25.0



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: 259.61 ng

RT: 13.90 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

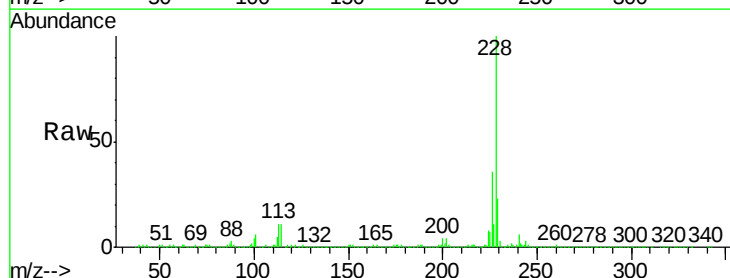
Tgt Ion:228 Resp: 4044157

Ion Ratio Lower Upper

228 100

226 35.8 24.4 36.6

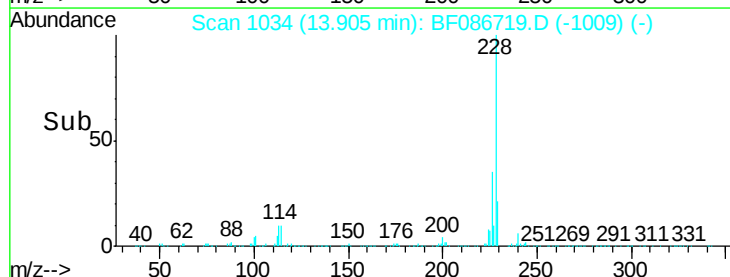
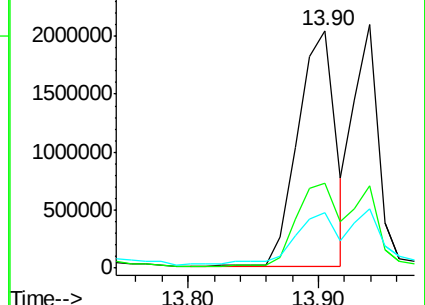
229 23.1 15.8 23.8

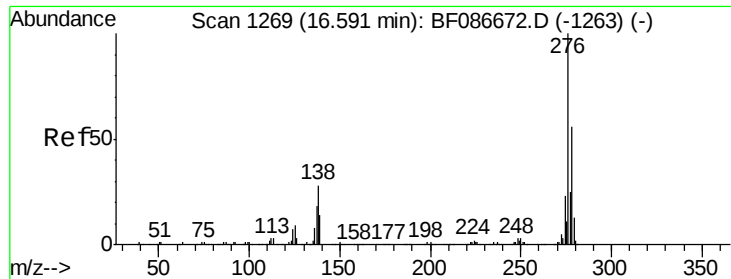


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

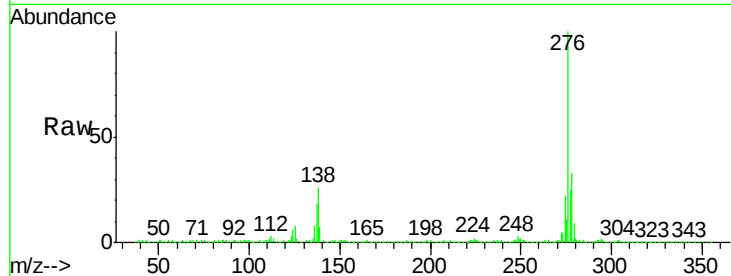




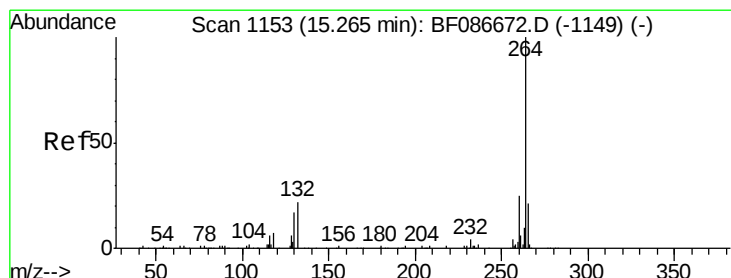
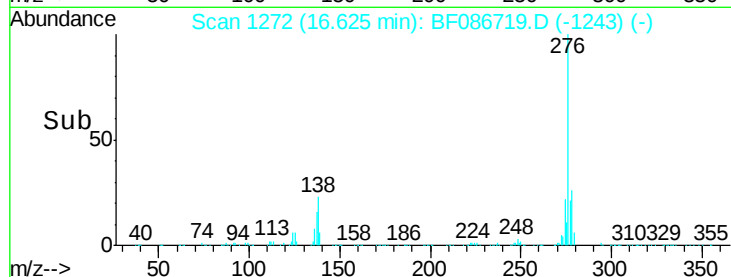
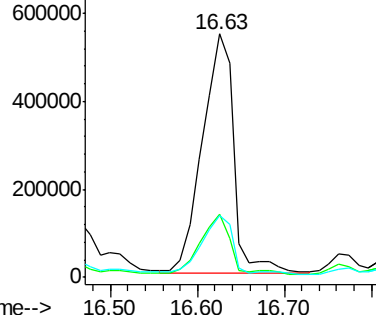
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 103.00 ng
 RT: 16.63 min Scan# 1272
 Delta R.T. 0.03 min
 Lab File: BF086719.D
 Acq: 5 May 2016 21:45

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B1COMP

Tgt Ion:276 Resp: 1376680
 Ion Ratio Lower Upper
 276 100
 138 21.4 25.6 38.4#
 277 25.0 20.5 30.7

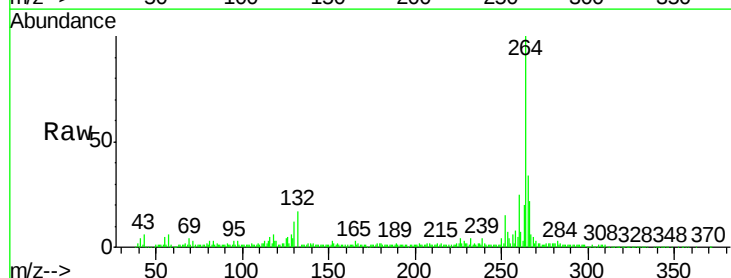


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

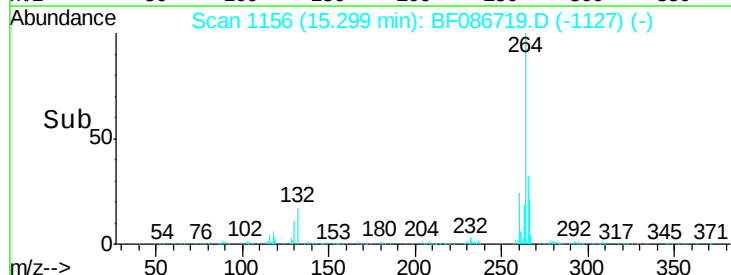
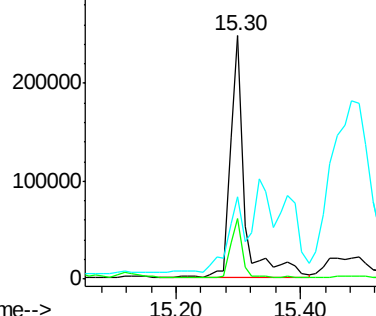


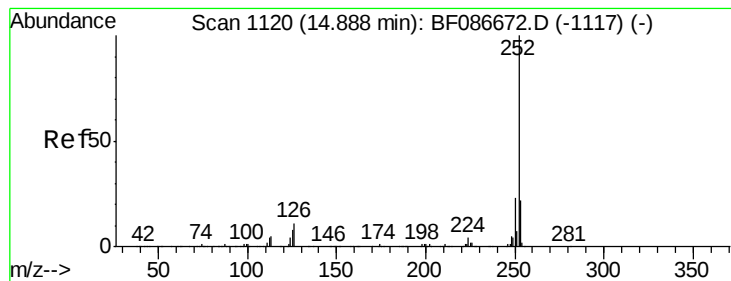
#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. 0.03 min
 Lab File: BF086719.D
 Acq: 5 May 2016 21:45

Tgt Ion:264 Resp: 388647
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.5 29.3
 265 33.8 17.3 25.9#



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





#87

Benzo(b)fluoranthene

Concen: 162.02 ng

RT: 14.91 min Scan# 1122

Delta R.T. 0.02 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

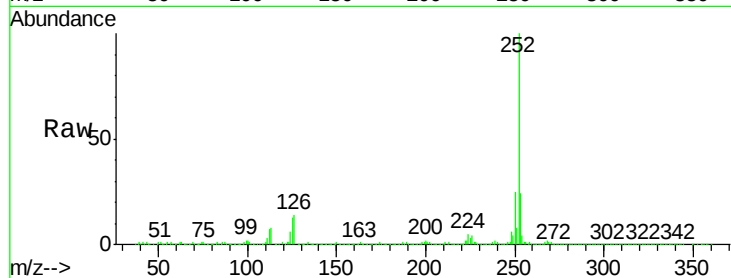
Tgt Ion:252 Resp: 3783688

Ion Ratio Lower Upper

252 100

253 23.9 17.8 26.6

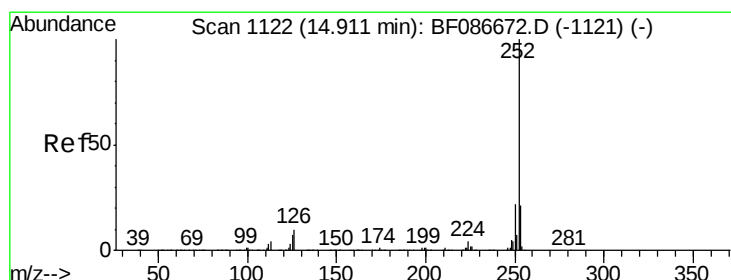
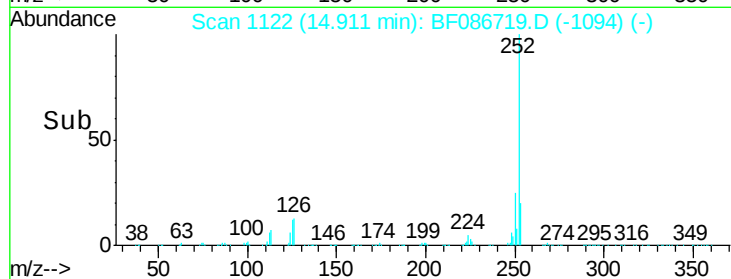
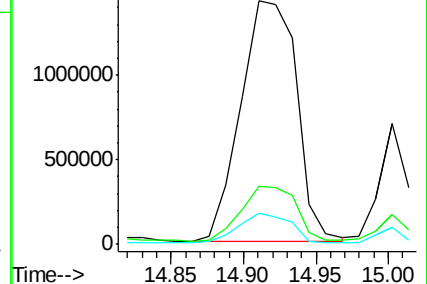
125 12.7 11.4 17.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 171.96 ng

RT: 14.91 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

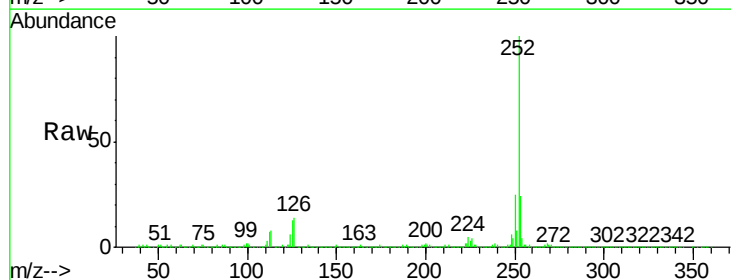
Tgt Ion:252 Resp: 3783688

Ion Ratio Lower Upper

252 100

253 23.9 17.8 26.6

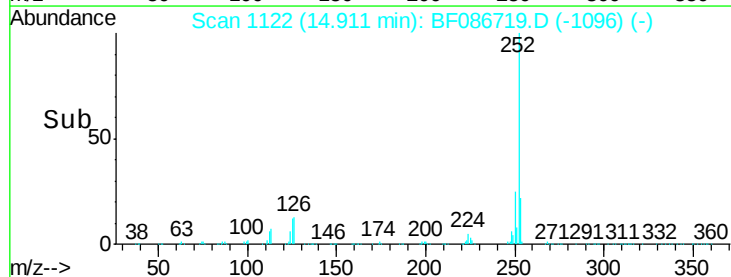
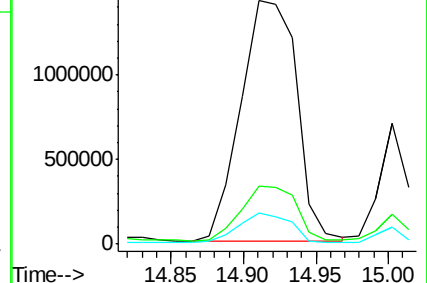
125 12.7 9.1 13.7

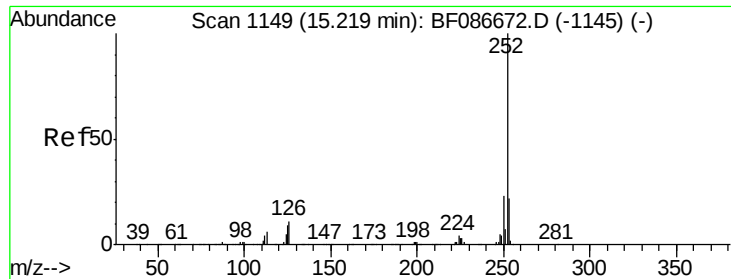


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 159.01 ng

RT: 15.25 min Scan# 1152

Delta R.T. 0.03 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

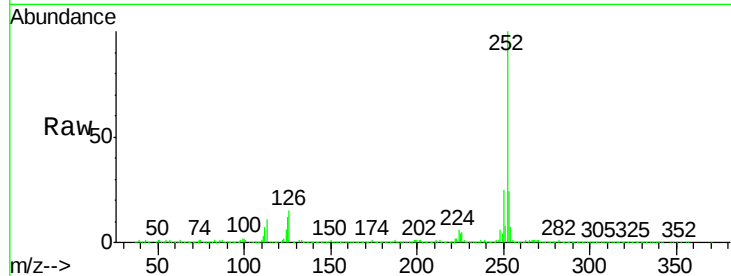
Tgt Ion:252 Resp: 3420579

Ion Ratio Lower Upper

252 100

253 23.8 17.2 25.8

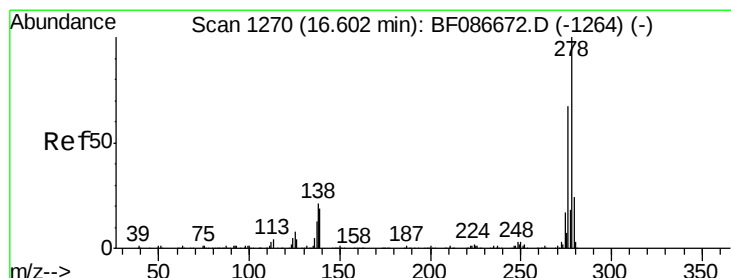
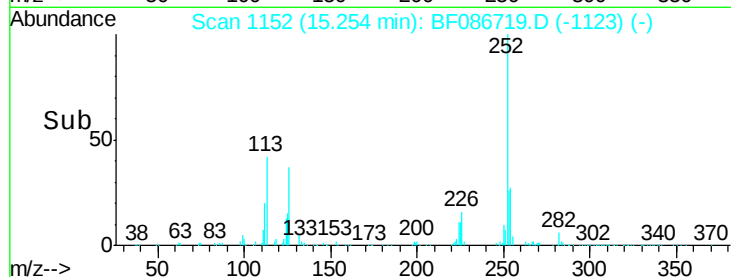
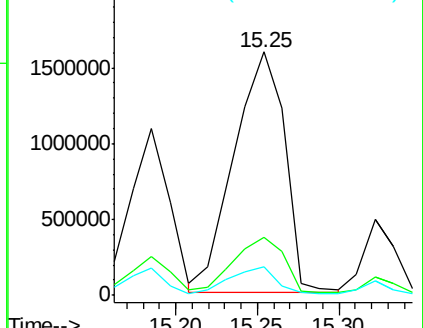
125 11.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 15.50 ng

RT: 16.63 min Scan# 1272

Delta R.T. 0.02 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

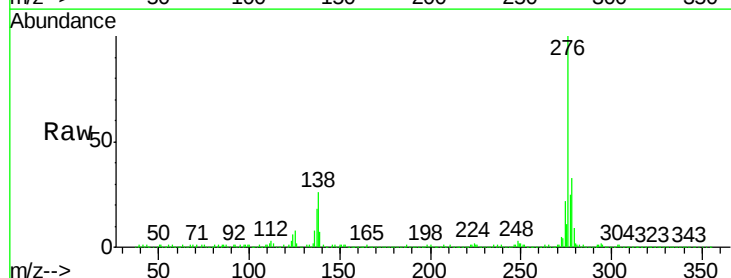
Tgt Ion:278 Resp: 320357

Ion Ratio Lower Upper

278 100

139 22.2 16.6 24.8

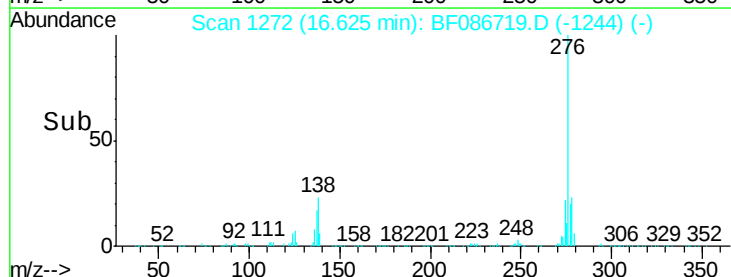
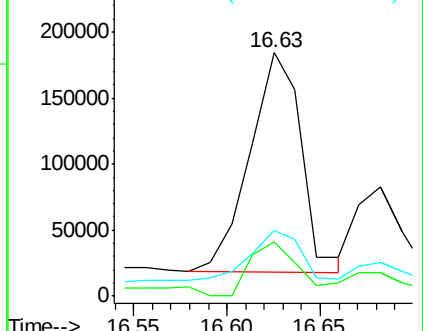
279 27.2 19.6 29.4

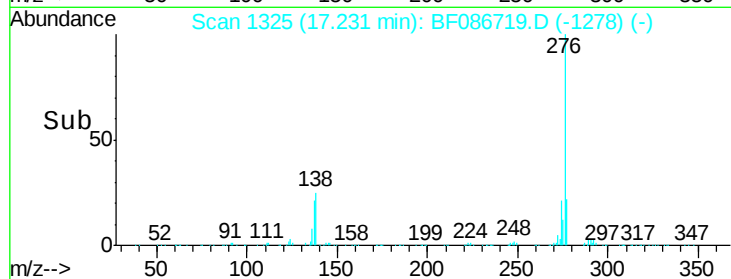
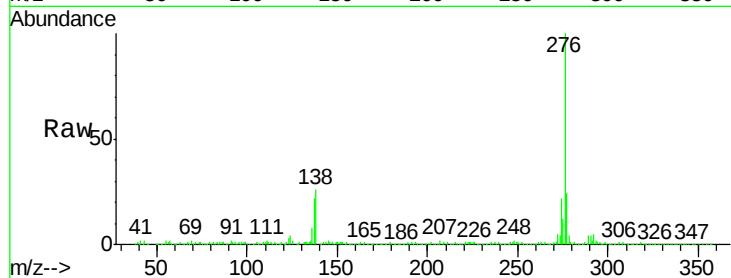
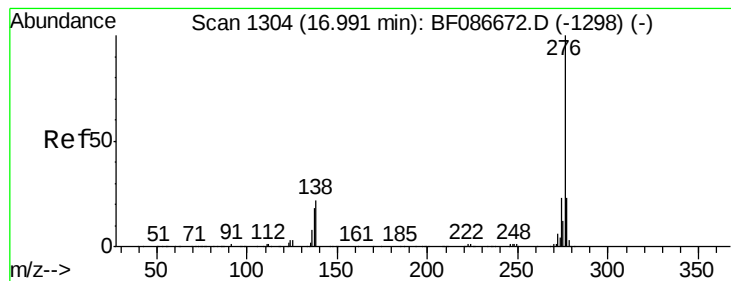


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 29.23 ng

RT: 17.23 min Scan# 1325

Delta R.T. 0.24 min

Lab File: BF086719.D

Acq: 5 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

TEC-B1COMP

Tgt Ion:276 Resp: 634130

Ion Ratio Lower Upper

276 100

277 24.1 19.6 29.4

138 26.5 23.6 35.4

