

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
 Data File : BF086720.D
 Acq On : 5 May 2016 22:14
 Operator : UM/SJ
 Sample : H2762-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B3COMP

Quant Time: May 06 01:16:24 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	6.73	152	165909	40.00	ng	-0.01
21) Naphthalene-d8	8.04	136	211339	40.00	ng	0.01
38) Acenaphthene-d10	9.78	164	272967	40.00	ng	0.00
63) Phenanthrene-d10	11.26	188	346619	40.00	ng	0.01
75) Chrysene-d12	13.89	240	267293	40.00	ng	0.01
86) Perylene-d12	15.29	264	296819	40.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1050550	104.83	ng	0.00
7) Phenol-d6	6.38	99	1471388	108.99	ng	0.01
23) Nitrobenzene-d5	7.30	82	924065	224.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	242304	90.74	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1395187	83.78	ng	0.00
78) Terphenyl-d14	12.84	244	870033	65.78	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	6.26	77	656509	97.48	ng	# 1
15) Benzyl Alcohol	6.90	79	31196	3.57	ng	# 9
18) Hexachloroethane	7.28	117	819017	164.30	ng	# 13
22) Acetophenone	7.13	105	128971	26.19	ng	# 52
24) Nitrobenzene	7.36	77	105992	24.93	ng	# 7
25) Isophorone	7.64	82	34106	4.45	ng	# 57
28) bis(2-Chloroethoxy)methane	7.78	93	12993	3.08	ng	# 1
31) Naphthalene	8.16	128	36729549	3401.72	ng	# 82
32) Benzoic acid	7.84	122	9508	14.45	ng	# 1
33) 4-Chloroaniline	8.16	127	6999956	1673.42	ng	# 40
35) Caprolactam	8.45	113	8909	10.05	ng	# 1
36) 4-Chloro-3-methylphenol	8.56	107	13747	4.21	ng	# 1
37) 2-Methylnaphthalene	8.77	142	6943631	1090.01	ng	# 94
45) 1,1'-Biphenyl	9.21	154	2291317	102.67	ng	# 96
46) 2-Chloronaphthalene	9.28	162	80998	4.70	ng	# 65
47) 2-Nitroaniline	9.30	65	50409	8.23	ng	# 23
48) Acenaphthylene	9.65	152	5033615	196.89	ng	# 93
49) Dimethylphthalate	9.50	163	121794	5.99	ng	# 98
50) 2,6-Dinitrotoluene	9.48	165	29337	6.72	ng	# 1
51) Acenaphthene	9.82	154	2597994	154.05	ng	# 98
53) 2,4-Dinitrophenol	9.86	184	3073	11.62	ng	# 1
54) Dibenzofuran	9.98	168	694471	33.22	ng	# 78
55) 4-Nitrophenol	9.81	139	44638	15.42	ng	# 96
56) 2,4-Dinitrotoluene	9.98	165	128736	23.79	ng	# 54
57) Fluorene	10.34	166	3855005	227.56	ng	# 96
61) 4-Nitroaniline	10.24	138	12643	2.65	ng	# 72
64) 4,6-Dinitro-2-methylphenol	10.40	198	837	5.76	ng	# 1
65) n-Nitrosodiphenylamine	10.44	169	220115	20.00	ng	# 5
70) Phenanthrene	11.31	178	8029361	431.26	ng	# 96
71) Anthracene	11.36	178	3610098	185.17	ng	# 96
72) Carbazole	11.49	167	94282	5.57	ng	# 62
74) Fluoranthene	12.49	202	4194370	224.80	ng	# 95
76) Benzydine	12.58	184	2219	7.35	ng	# 1
77) Pyrene	12.72	202	5029952	236.04	ng	# 95

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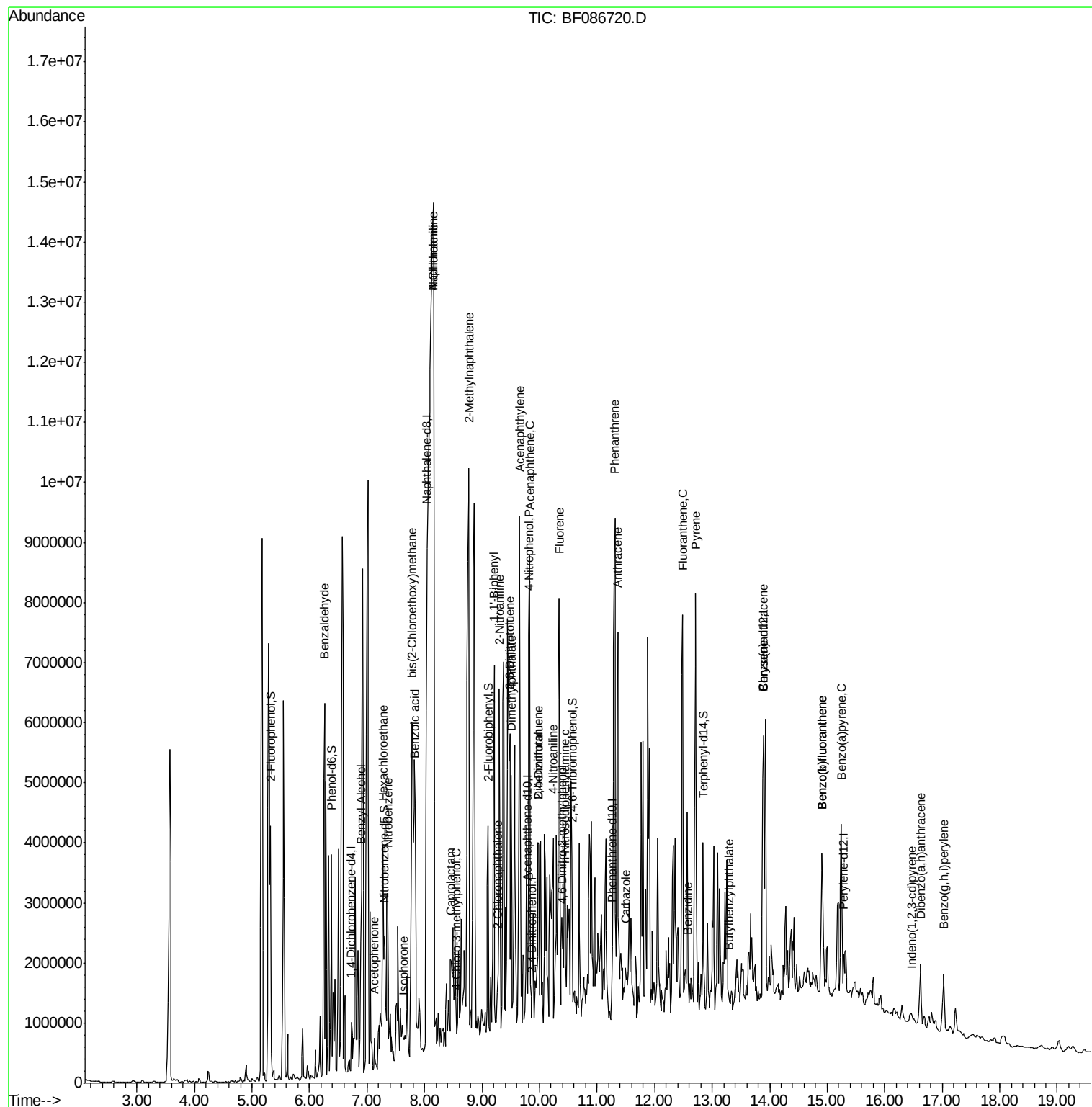
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Butylbenzylphthalate	13.29	149	79078	8.86	ng	# 63
80) Benzo(a)anthracene	13.89	228	2516036	166.44	ng	# 85
82) Chrysene	13.89	228	2516036	156.01	ng	# 86
85) Indeno(1,2,3-cd)pyrene	16.47	276	190096	13.74	ng	91
87) Benzo(b)fluoranthene	14.91	252	2247670	126.02	ng	97
88) Benzo(k)fluoranthene	14.91	252	2247670	133.75	ng	98
89) Benzo(a)pyrene	15.24	252	1822039	110.91	ng	96
90) Dibenzo(a,h)anthracene	16.63	278	167246	10.60	ng	96
91) Benzo(g,h,i)perylene	17.03	276	867834	52.38	ng	94

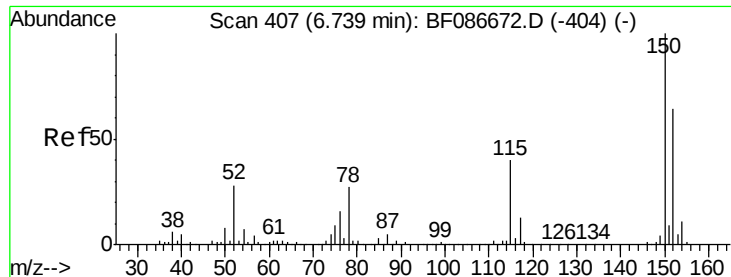
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

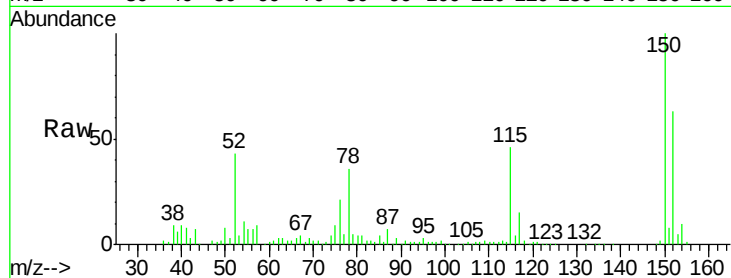
Tgt Ion:152 Resp: 165909

Ion Ratio Lower Upper

152 100

150 159.5 125.8 188.6

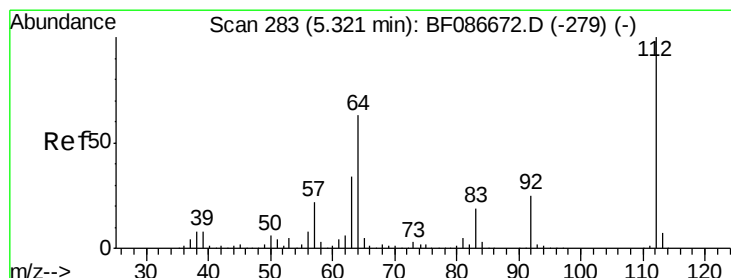
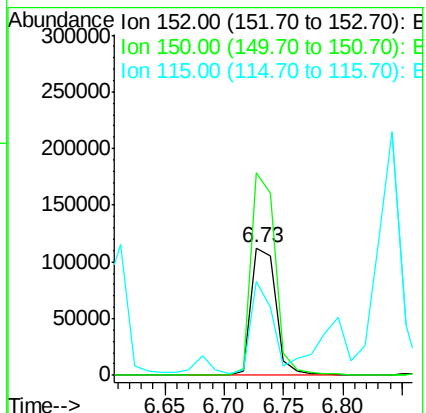
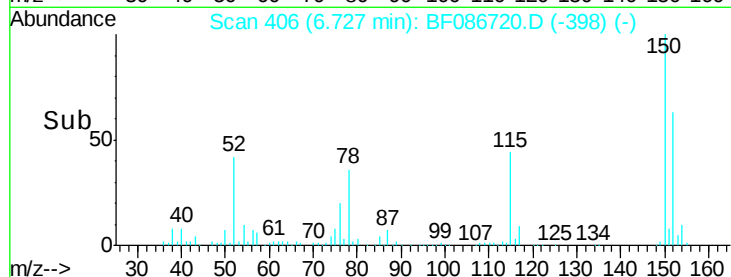
115 73.6 51.5 77.3



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: 104.83 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

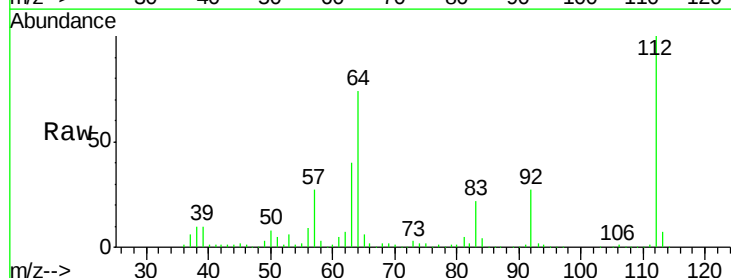
Tgt Ion:112 Resp: 1050550

Ion Ratio Lower Upper

112 100

64 73.6 52.1 78.1

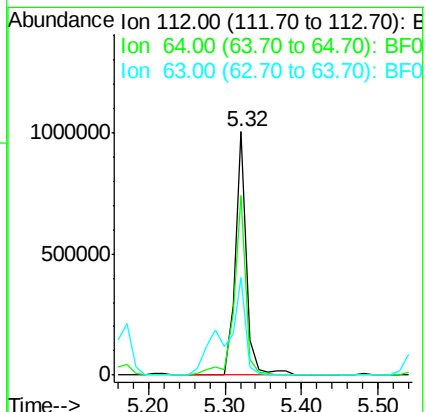
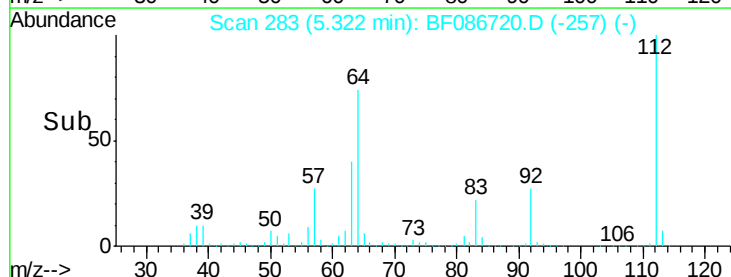
63 40.1 25.7 38.5#

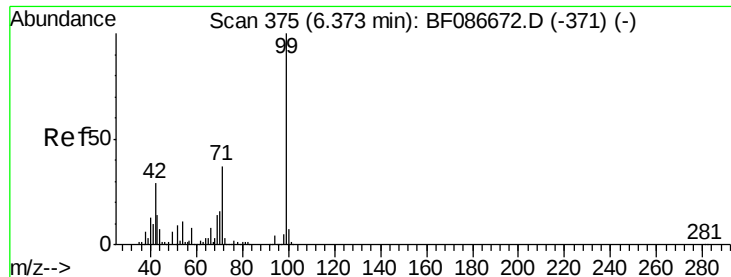


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.99 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

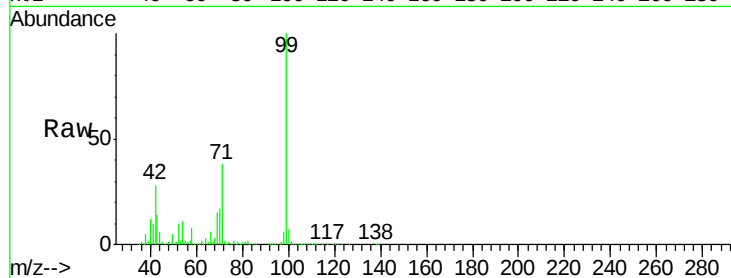
Tgt Ion: 99 Resp: 1471388

Ion Ratio Lower Upper

99 100

42 28.3 13.6 20.4#

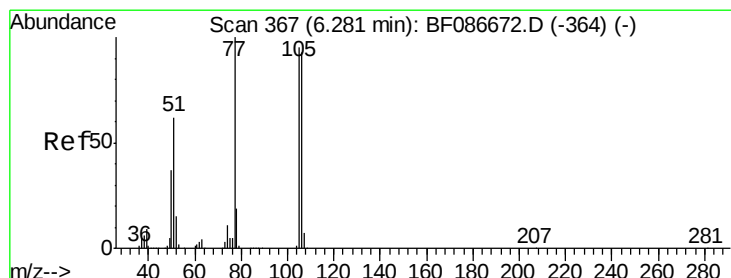
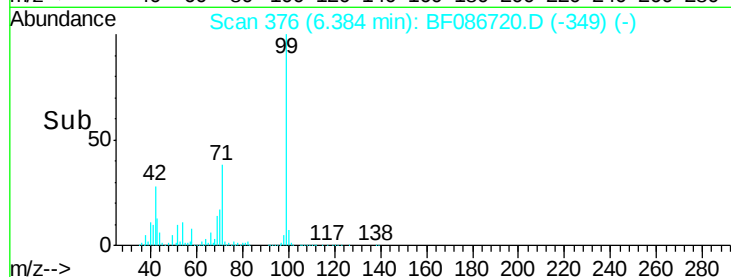
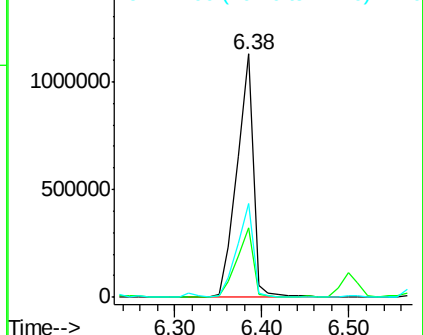
71 38.4 24.6 36.8#



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: 97.48 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

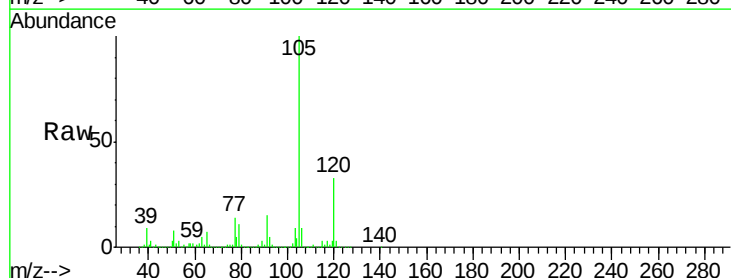
Tgt Ion: 77 Resp: 656509

Ion Ratio Lower Upper

77 100

105 712.6 72.7 112.7#

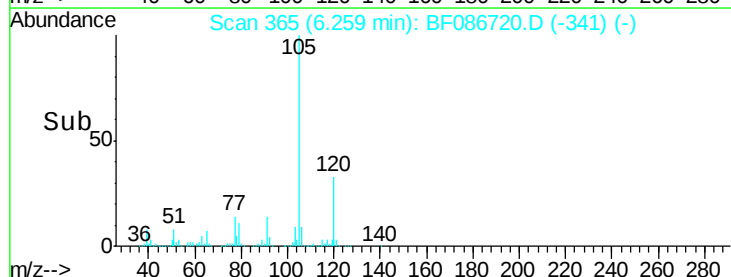
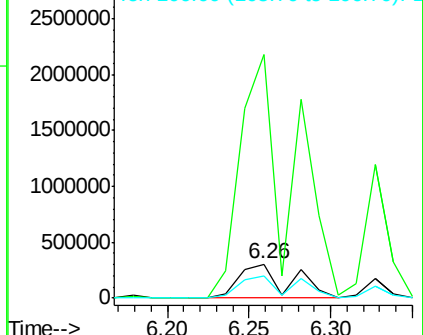
106 65.9 70.8 110.8#

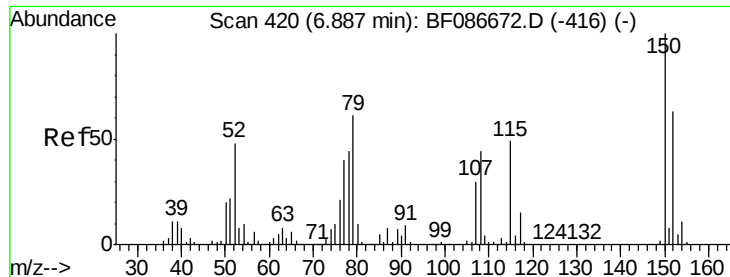


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

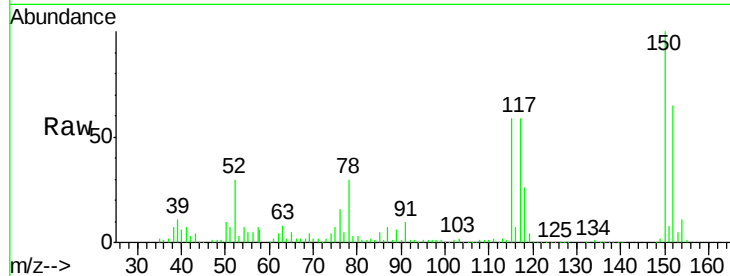




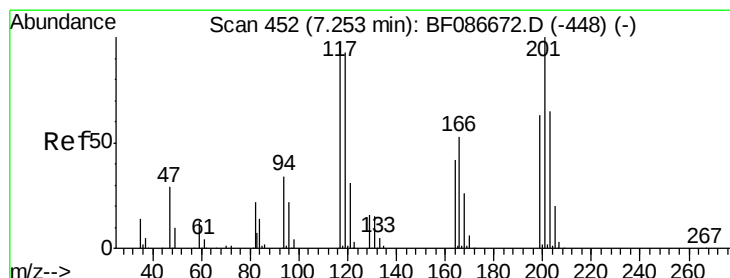
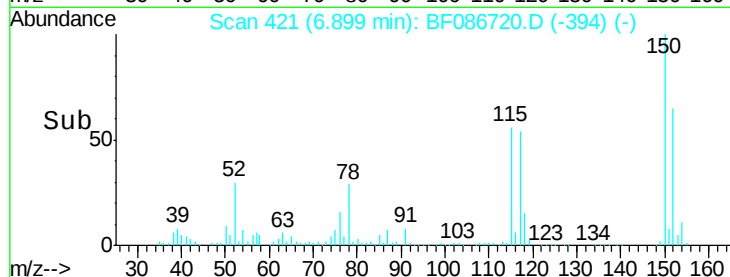
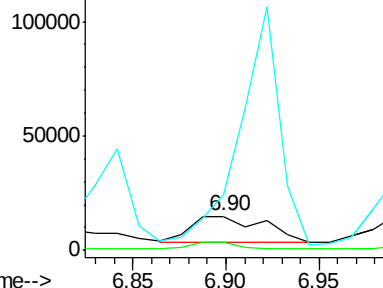
#15
Benzyl Alcohol
Concen: 3.57 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.01 min
Lab File: BF086720.D
Acq: 5 May 2016 22:14

Instrument :
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Tgt Ion: 79 Resp: 31196
Ion Ratio Lower Upper
79 100
108 25.4 68.4 102.6#
77 160.8 50.6 76.0#

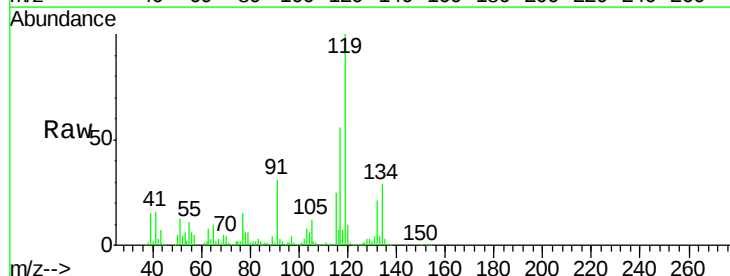


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0

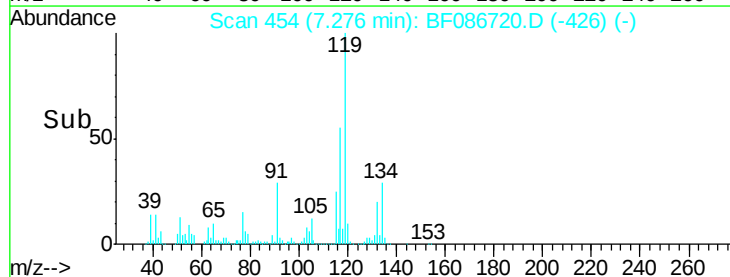
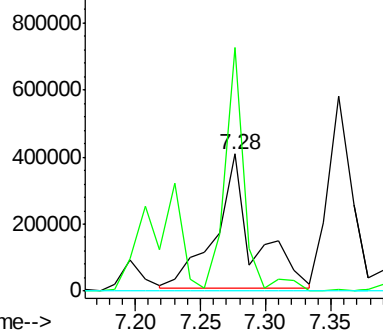


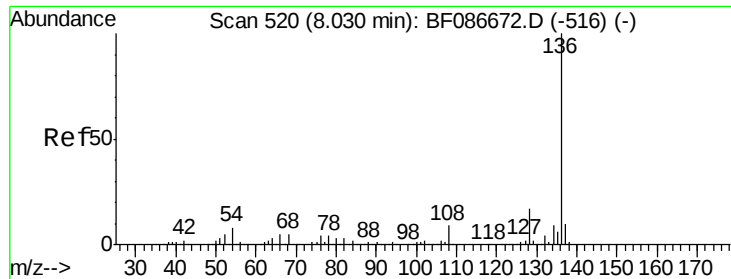
#18
Hexachloroethane
Concen: 164.30 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.02 min
Lab File: BF086720.D
Acq: 5 May 2016 22:14

Tgt Ion: 117 Resp: 819017
Ion Ratio Lower Upper
117 100
119 177.5 76.5 114.7#
201 0.0 63.0 94.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

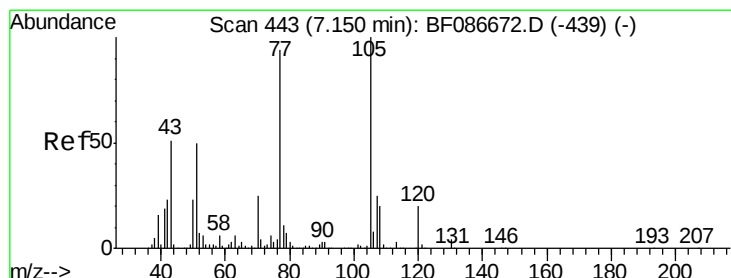
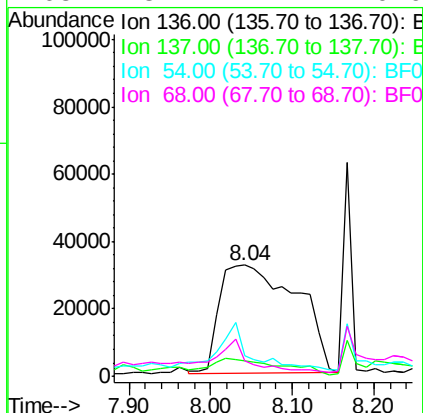
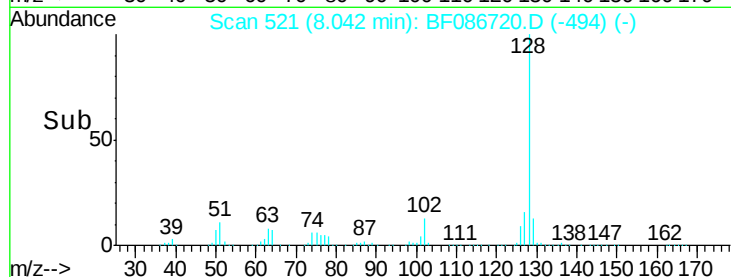
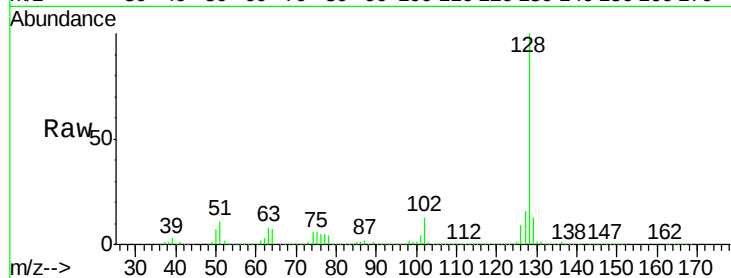




#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.01 min
Lab File: BF086720.D
Acq: 5 May 2016 22:14

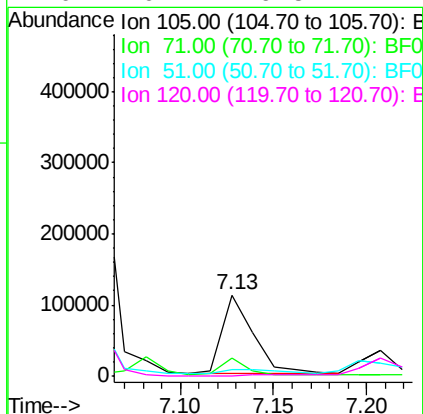
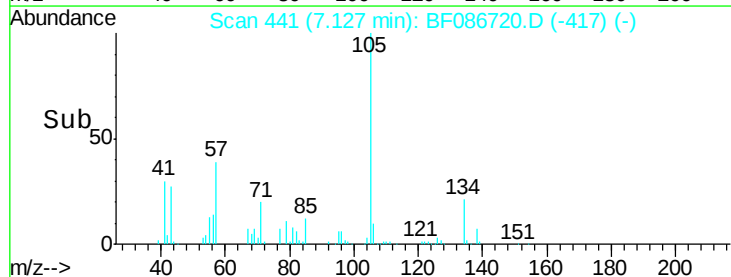
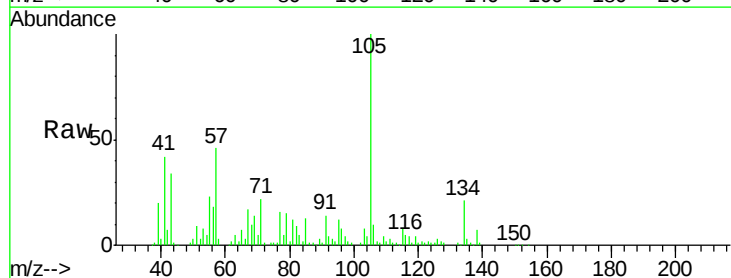
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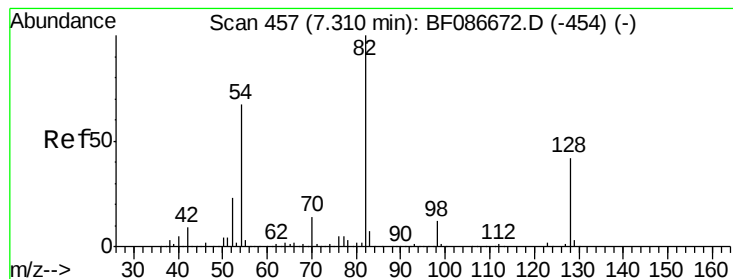
Tgt Ion:	136	Resp:	211339
Ion	Ratio	Lower	Upper
136	100		
137	13.8	8.8	13.2#
54	18.2	5.0	7.4#
68	13.7	4.4	6.6#



#22
Acetophenone
Concen: 26.19 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF086720.D
Acq: 5 May 2016 22:14

Tgt Ion:	105	Resp:	128971
Ion	Ratio	Lower	Upper
105	100		
71	21.9	4.8	7.2#
51	8.7	32.6	49.0#
120	0.7	16.5	24.7#





#23

Nitrobenzene-d5

Concen: 224.69 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

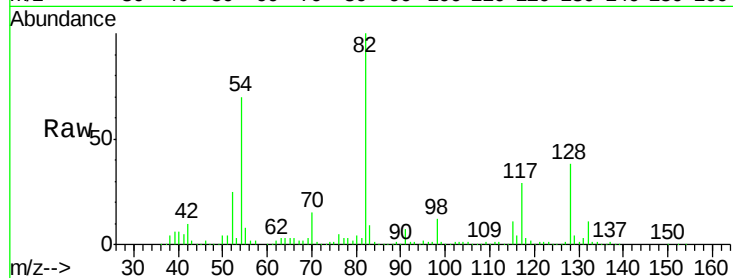
Tgt Ion: 82 Resp: 924065

Ion Ratio Lower Upper

82 100

128 38.0 40.6 61.0#

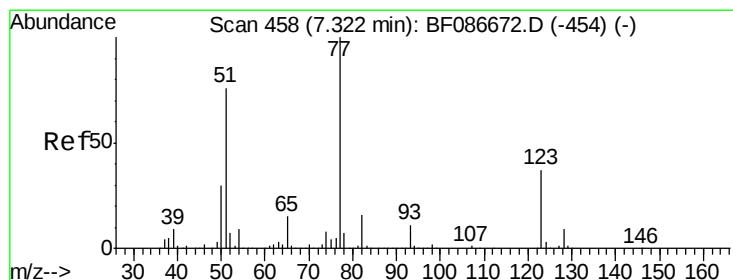
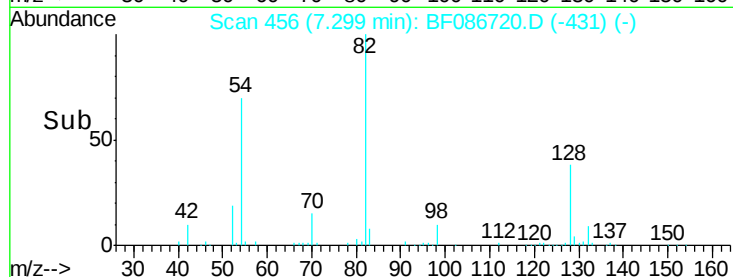
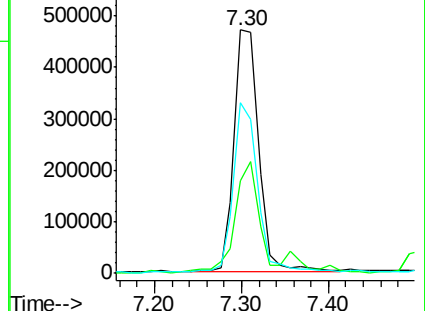
54 70.0 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 24.93 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.03 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

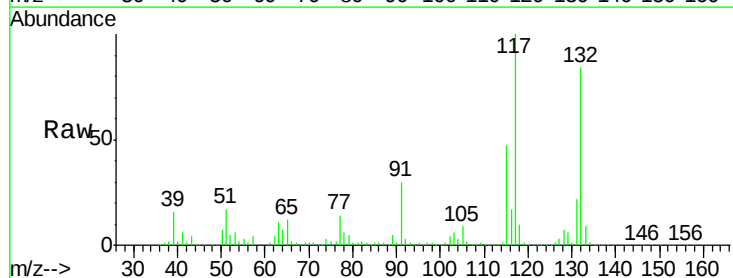
Tgt Ion: 77 Resp: 105992

Ion Ratio Lower Upper

77 100

123 2.4 33.0 49.4#

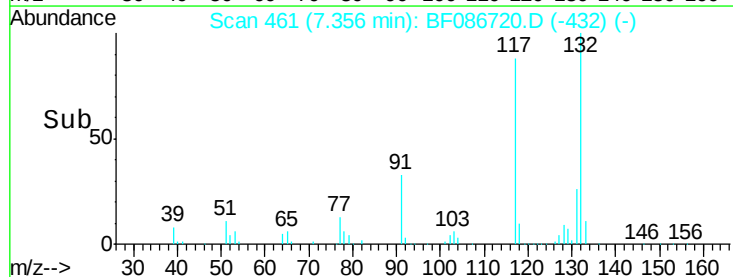
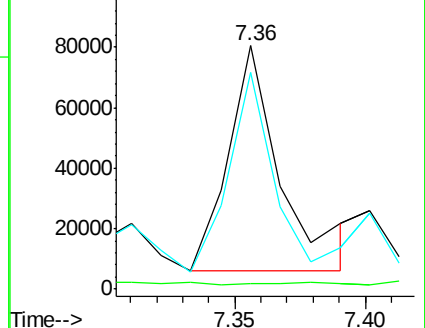
65 89.2 10.8 16.2#

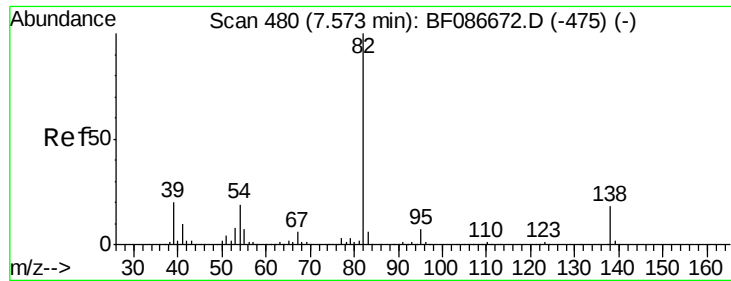


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 4.45 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.07 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

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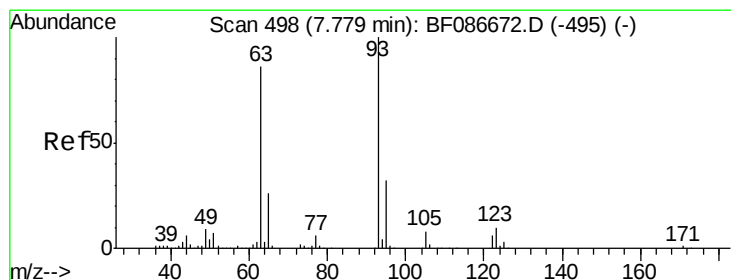
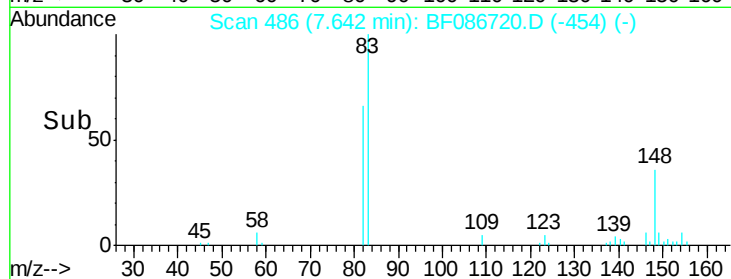
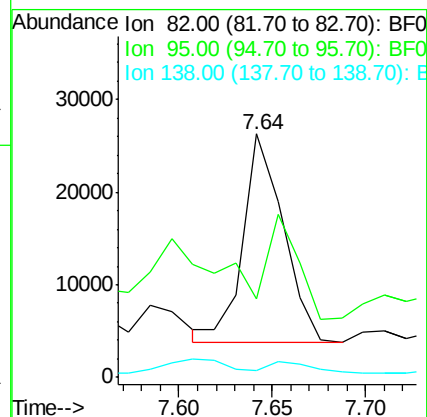
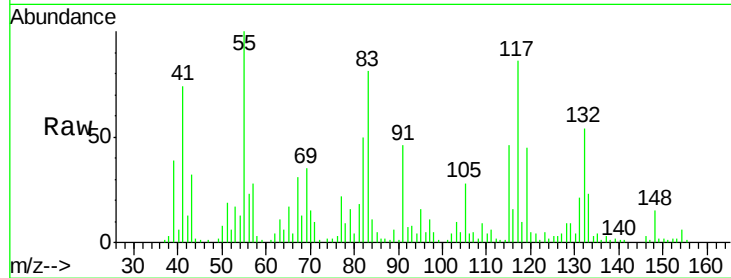
Tgt Ion: 82 Resp: 34106

Ion Ratio Lower Upper

82 100

95 32.3 5.1 7.7#

138 3.0 12.4 18.6#



#28

bis(2-Chloroethoxy)methane

Concen: 3.08 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

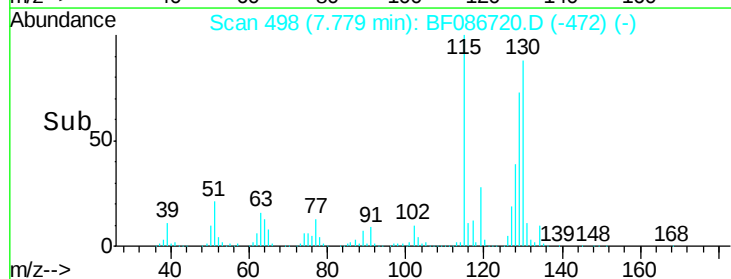
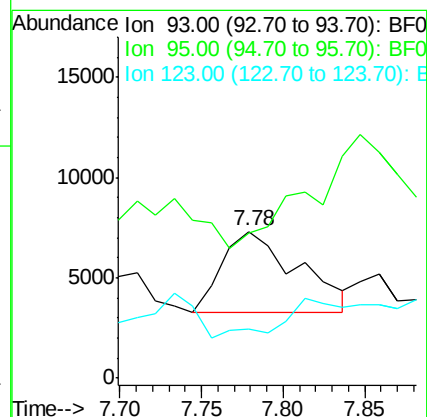
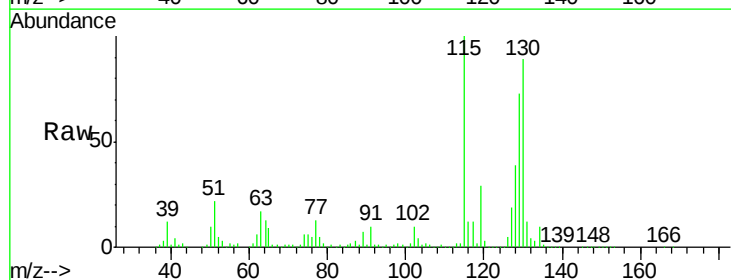
Tgt Ion: 93 Resp: 12993

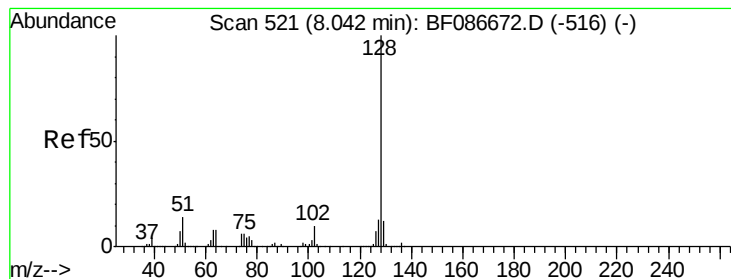
Ion Ratio Lower Upper

93 100

95 98.7 26.0 39.0#

123 33.1 9.5 14.3#





#31

Naphthalene

Concen: 3401.72 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.11 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

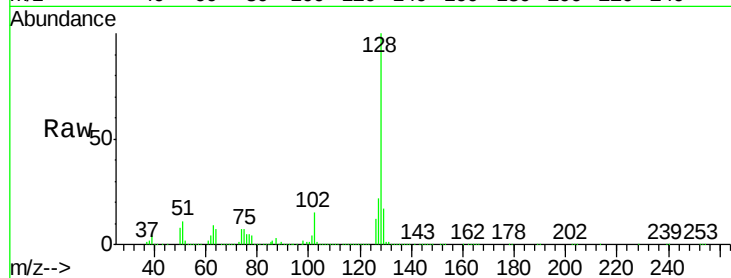
Tgt Ion:128 Resp:36729549

Ion Ratio Lower Upper

128 100

129 16.6 8.6 13.0#

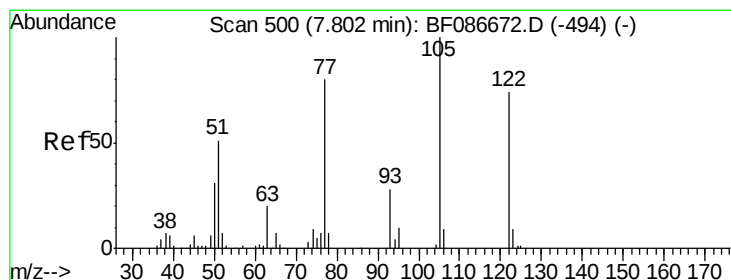
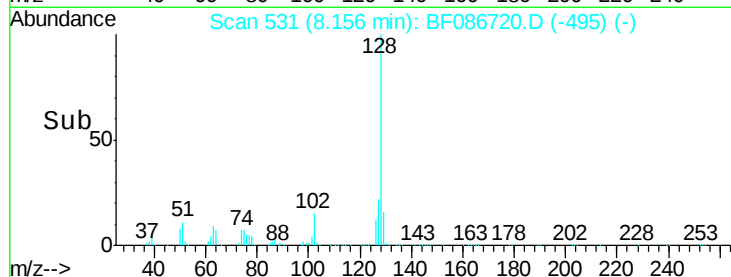
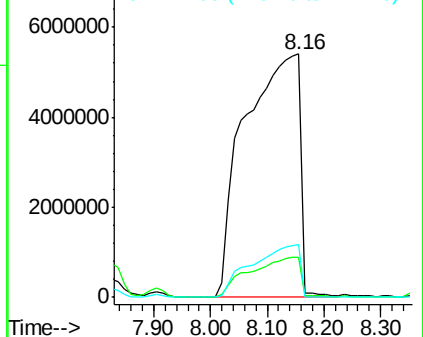
127 21.9 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.45 ng

RT: 7.84 min Scan# 503

Delta R.T. 0.04 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

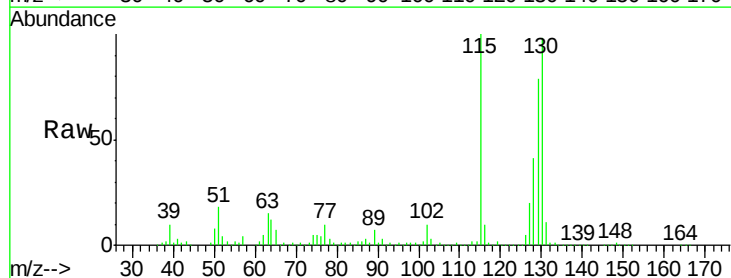
Tgt Ion:122 Resp: 9508

Ion Ratio Lower Upper

122 100

105 242.8 92.6 132.6#

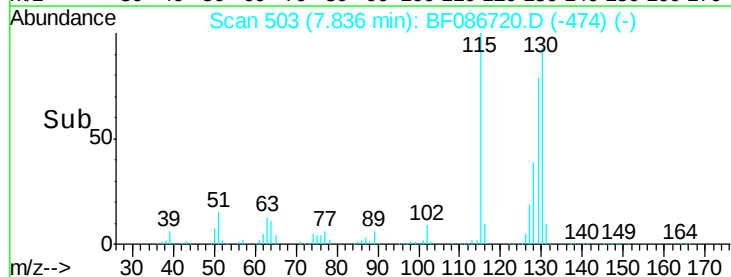
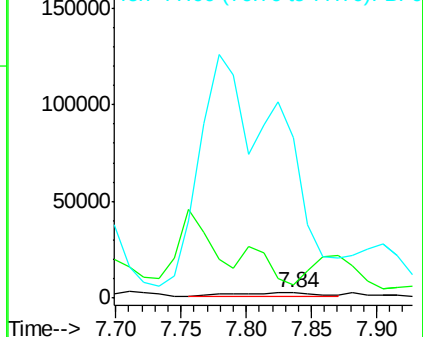
77 3010.8 60.0 100.0#

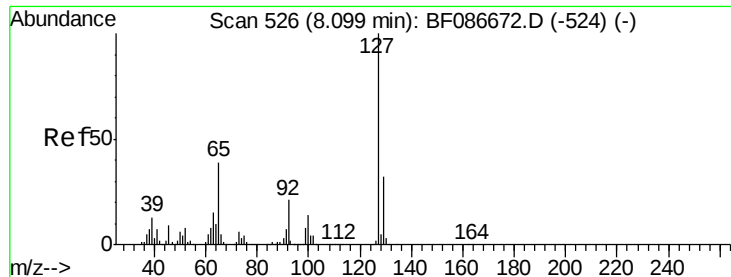


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

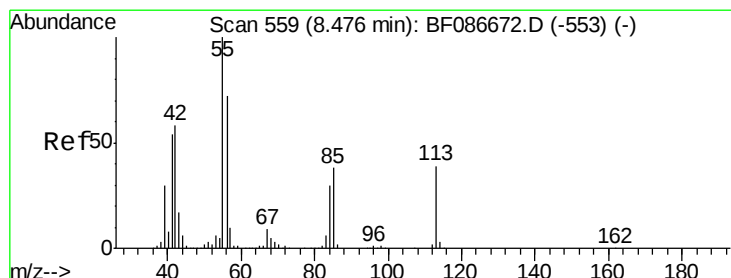
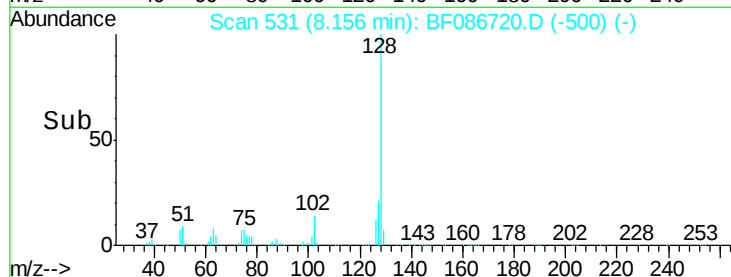
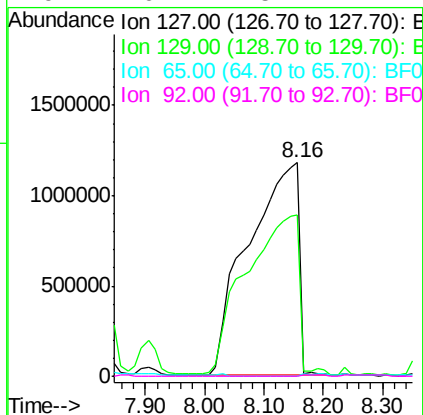
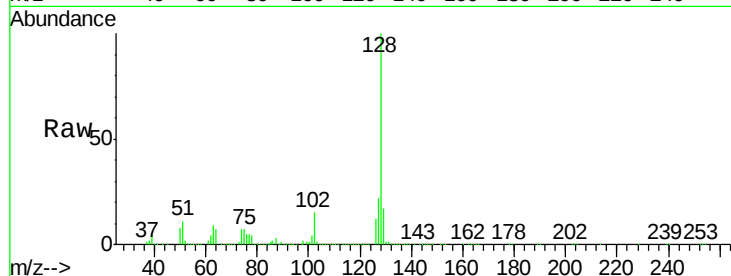




#33
4-Chloroaniline
Concen: 1673.42 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.06 min
Lab File: BF086720.D
Acq: 5 May 2016 22:14

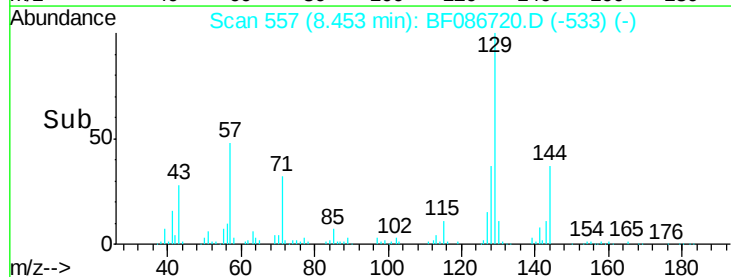
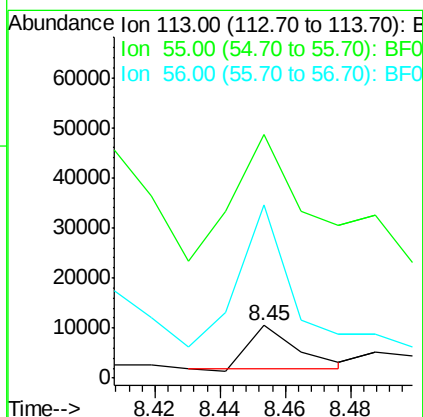
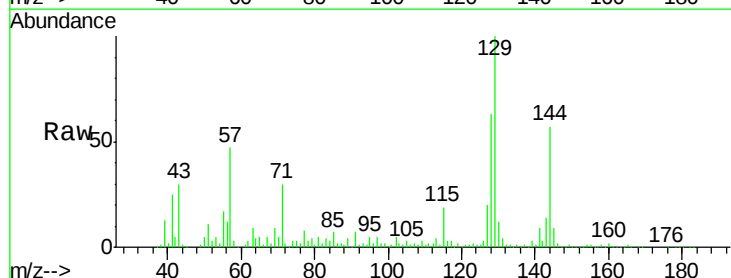
Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

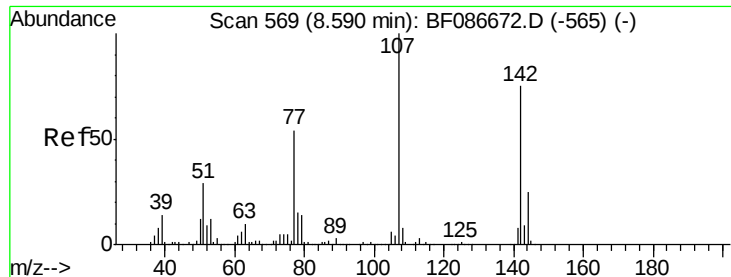
Tgt Ion:127 Resp: 6999956
Ion Ratio Lower Upper
127 100
129 75.7 26.2 39.4#
65 0.0 23.0 34.4#
92 0.1 15.1 22.7#



#35
Caprolactam
Concen: 10.05 ng
RT: 8.45 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF086720.D
Acq: 5 May 2016 22:14

Tgt Ion:113 Resp: 8909
Ion Ratio Lower Upper
113 100
55 465.0 162.0 202.0#
56 330.4 115.3 155.3#





#36

4-Chloro-3-methylphenol

Concen: 4.21 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.03 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

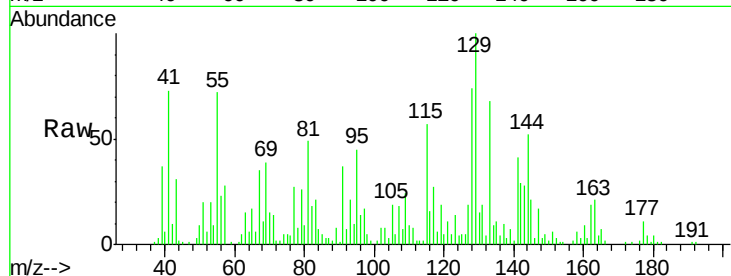
Tgt Ion:107 Resp: 13747

Ion Ratio Lower Upper

107 100

144 290.4 20.7 31.1#

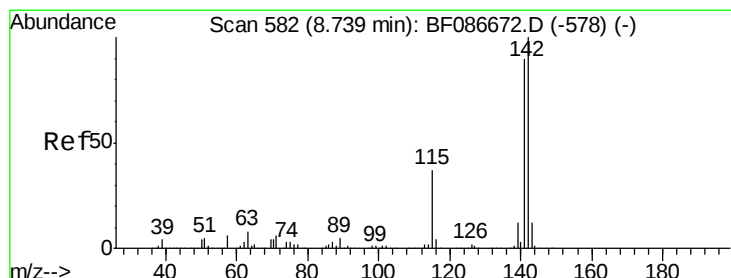
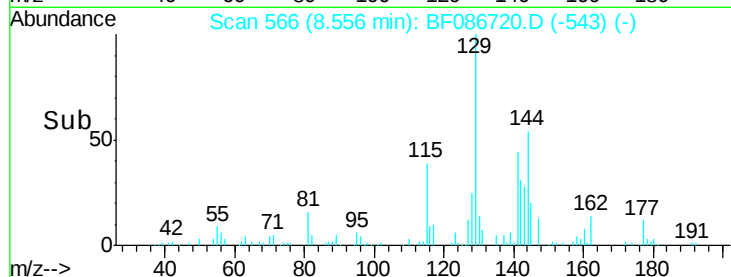
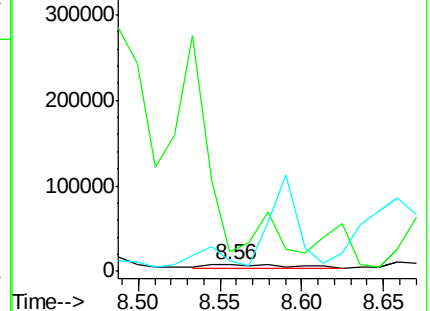
142 162.6 63.2 94.8#



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: 1090.01 ng

RT: 8.77 min Scan# 585

Delta R.T. 0.03 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

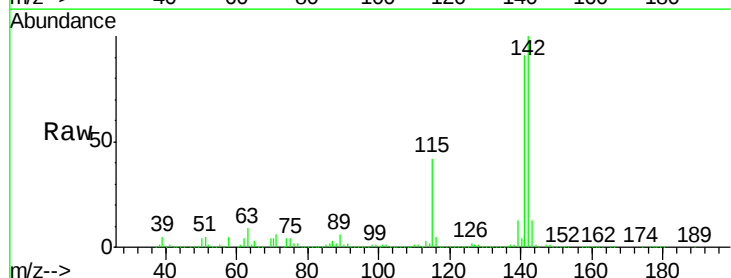
Tgt Ion:142 Resp: 6943631

Ion Ratio Lower Upper

142 100

141 90.7 71.0 106.6

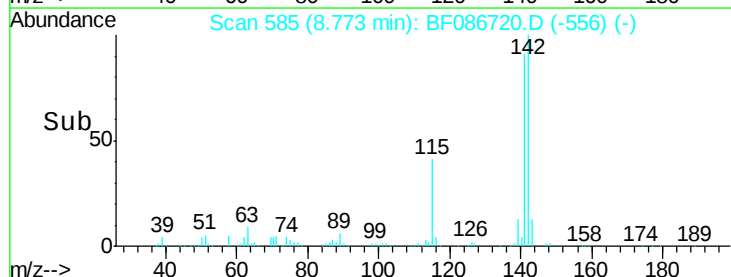
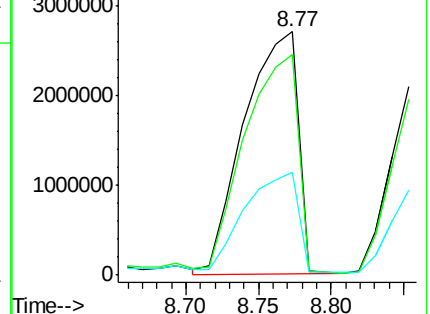
115 42.0 26.6 39.8#

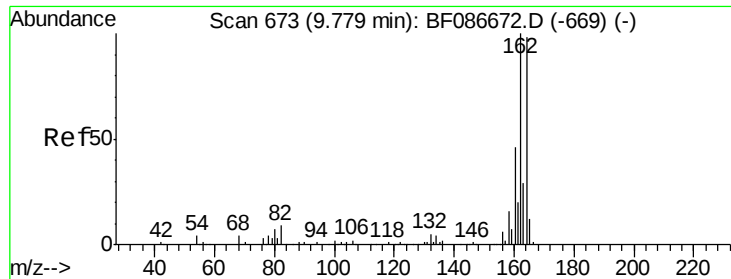


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

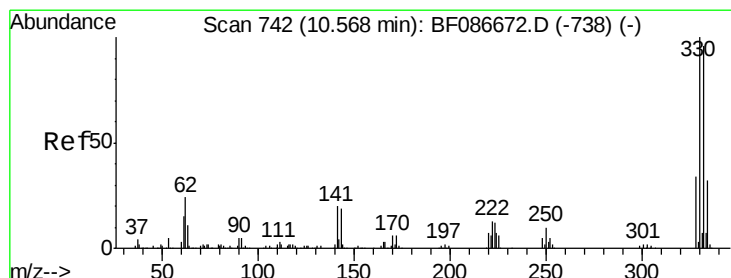
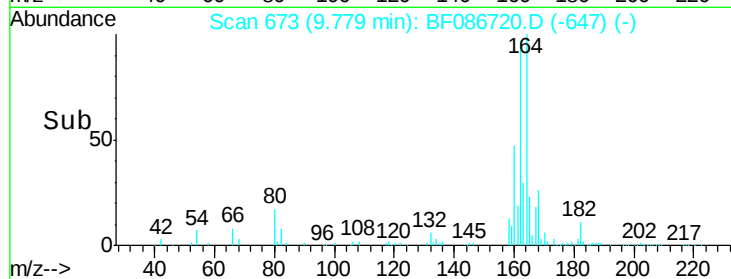
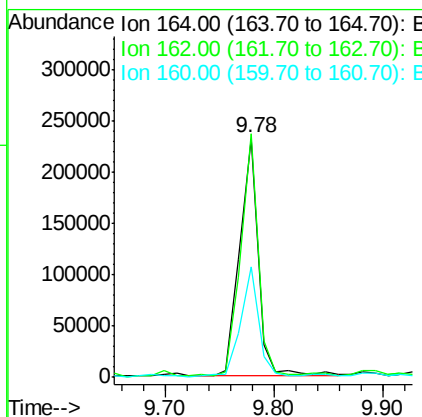
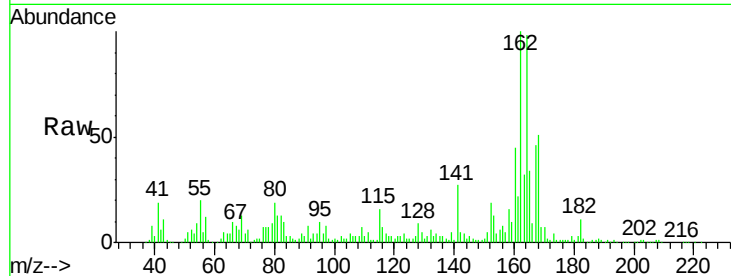




#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF086720.D
Acq: 5 May 2016 22:14

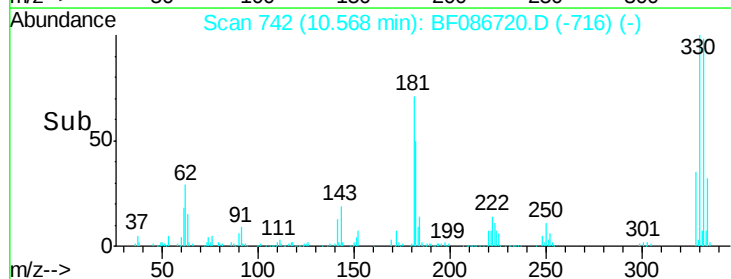
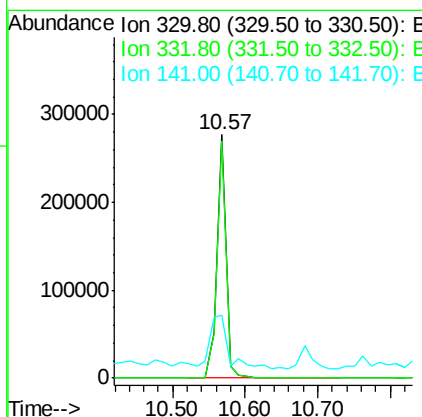
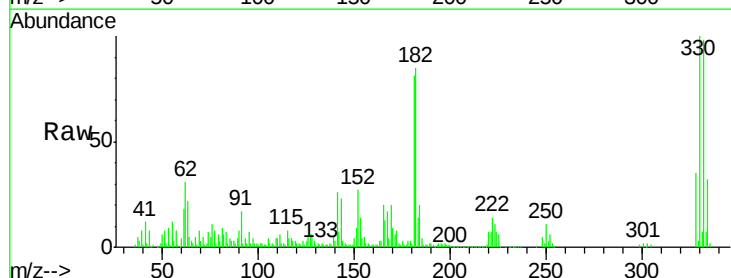
Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

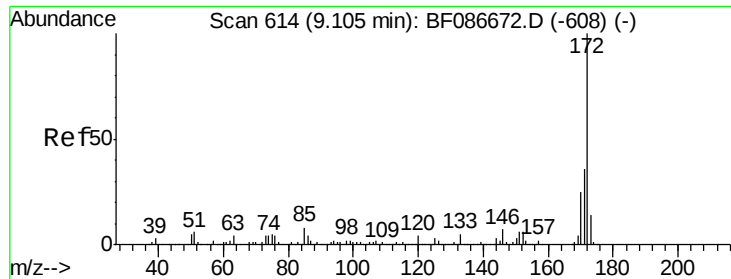
Tgt Ion:164 Resp: 272967
Ion Ratio Lower Upper
164 100
162 102.1 82.8 124.2
160 46.4 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 90.74 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF086720.D
Acq: 5 May 2016 22:14

Tgt Ion:330 Resp: 242304
Ion Ratio Lower Upper
330 100
332 97.6 79.0 118.4
141 41.5 31.2 46.8





#44

2-Fluorobiphenyl

Concen: 83.78 ng

RT: 9.10 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

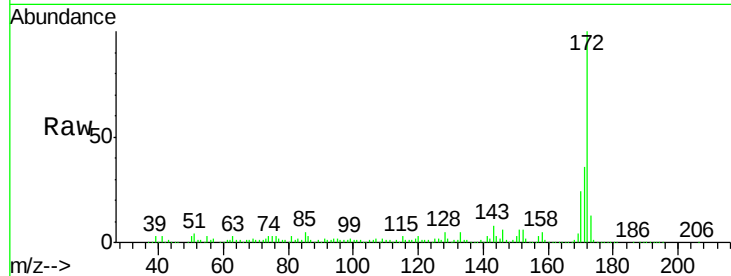
Tgt Ion:172 Resp: 1395187

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

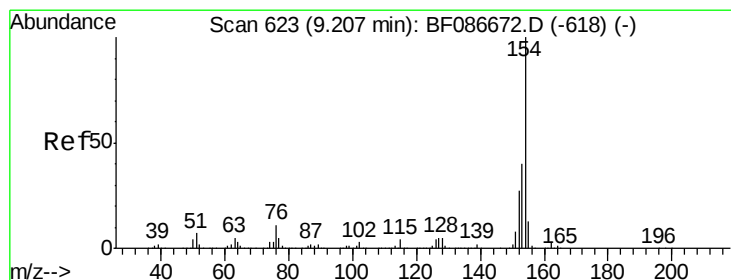
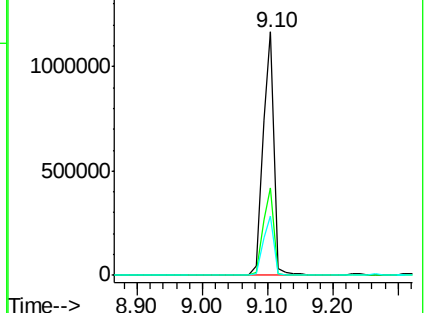
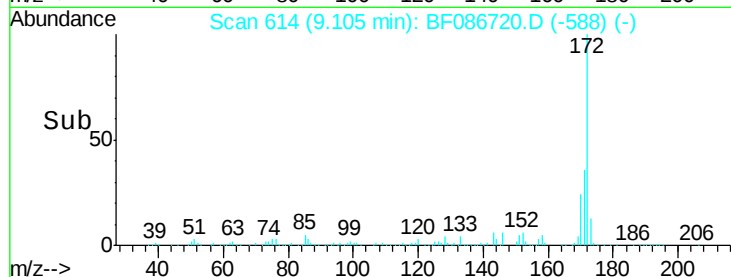
170 24.2 19.8 29.8



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: 102.67 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

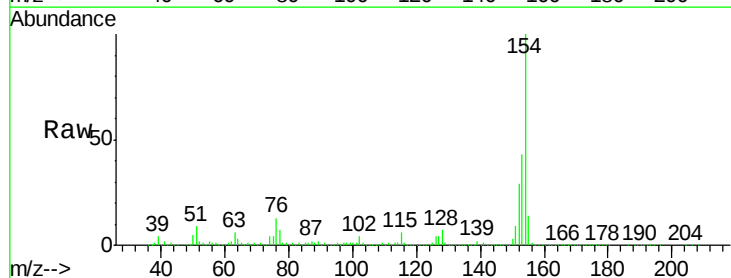
Tgt Ion:154 Resp: 2291317

Ion Ratio Lower Upper

154 100

153 42.7 20.3 60.3

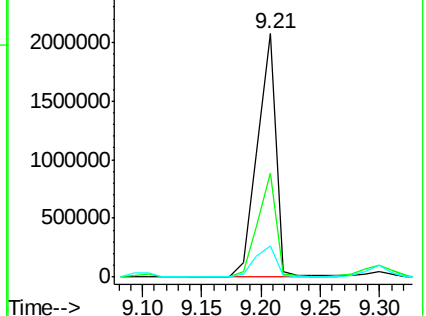
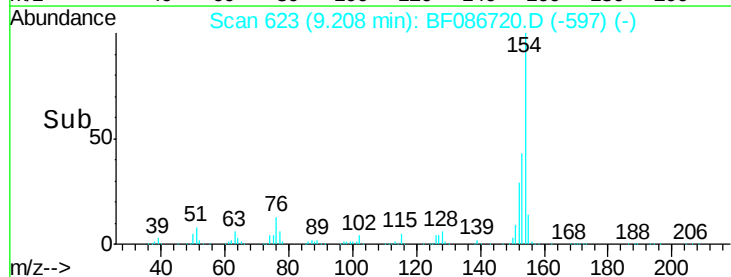
76 12.8 0.0 30.2

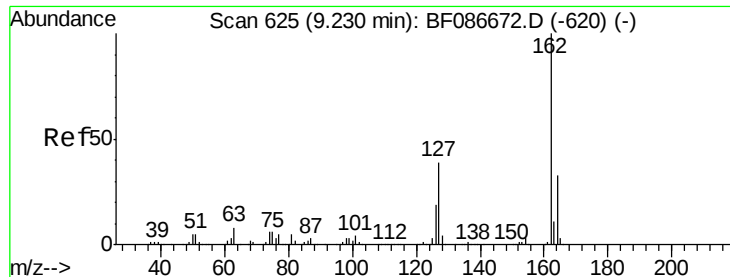


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

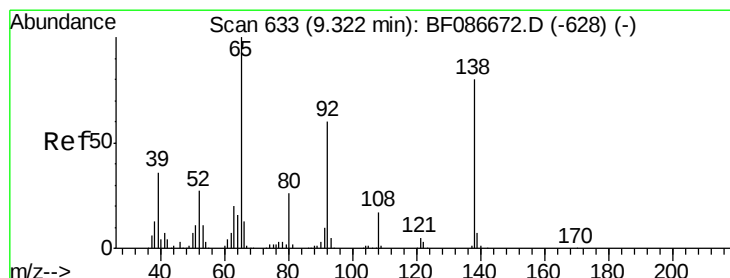
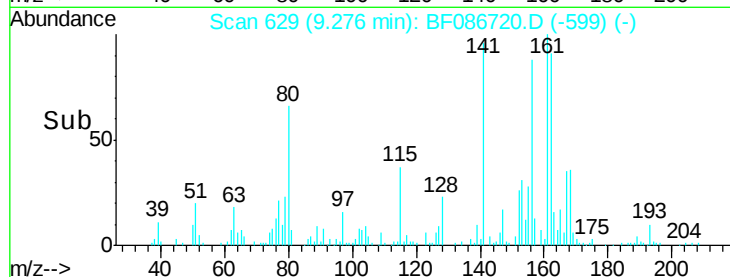
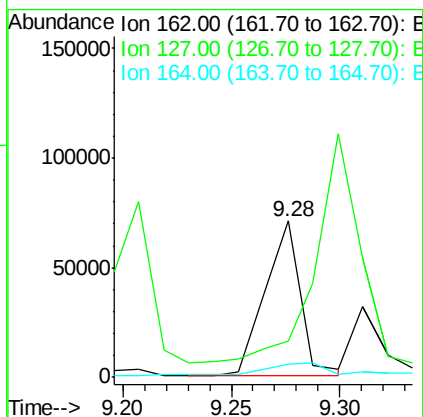
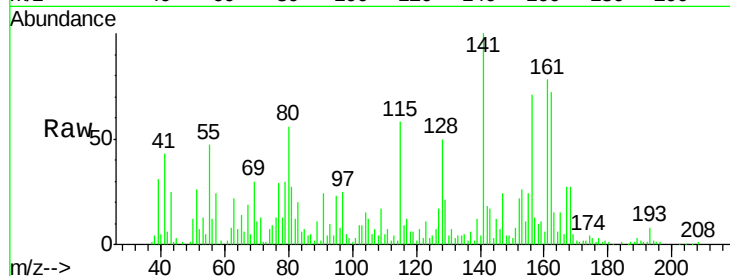




#46
2-Chloronaphthalene
Concen: 4.70 ng
RT: 9.28 min Scan# 629
Delta R.T. 0.05 min
Lab File: BF086720.D
Acq: 5 May 2016 22:14

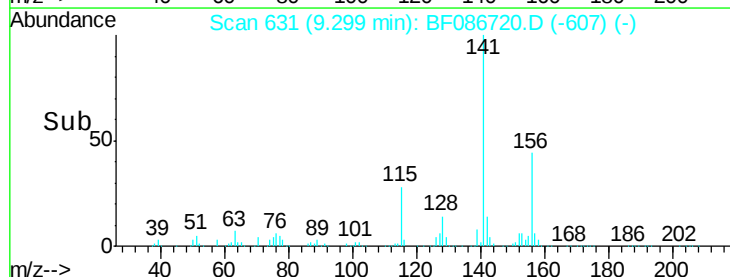
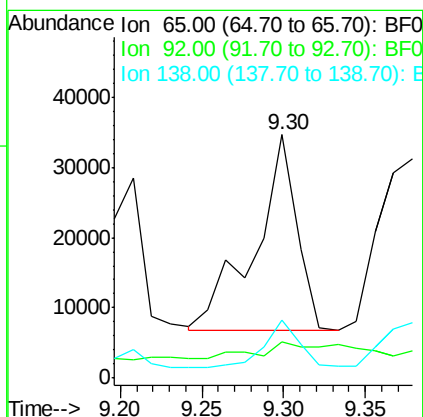
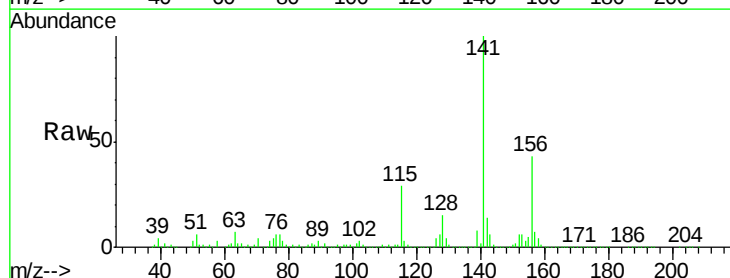
Instrument :
BNA_F
ClientSampled :
TEC-B3COMP

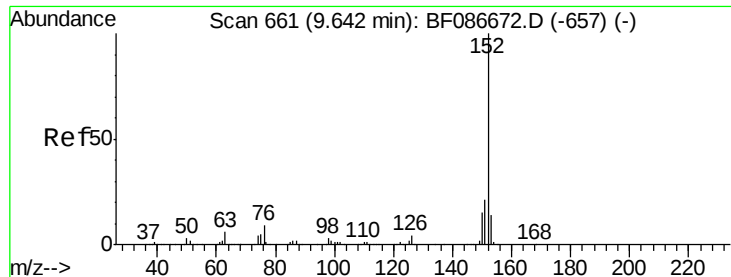
Tgt Ion: 162 Resp: 80998
Ion Ratio Lower Upper
162 100
127 23.3 31.8 47.6#
164 8.6 27.0 40.6#



#47
2-Nitroaniline
Concen: 8.23 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF086720.D
Acq: 5 May 2016 22:14

Tgt Ion: 65 Resp: 50409
Ion Ratio Lower Upper
65 100
92 14.8 57.4 86.2#
138 23.9 90.1 135.1#





#48

Acenaphthylene

Concen: 196.89 ng

RT: 9.65 min Scan# 662

Delta R.T. 0.01 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

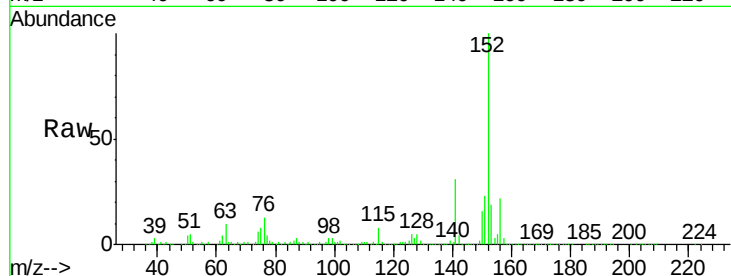
Tgt Ion:152 Resp: 5033615

Ion Ratio Lower Upper

152 100

151 22.6 16.8 25.2

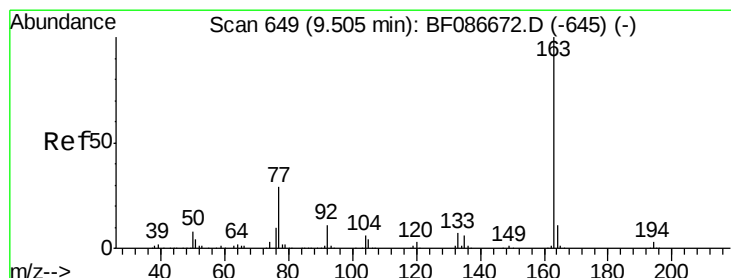
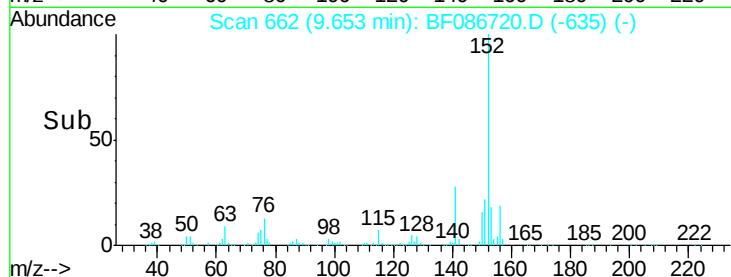
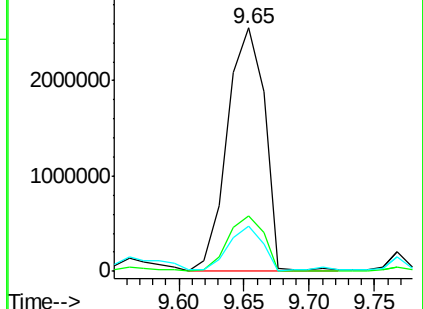
153 18.8 10.9 16.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 5.99 ng

RT: 9.50 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

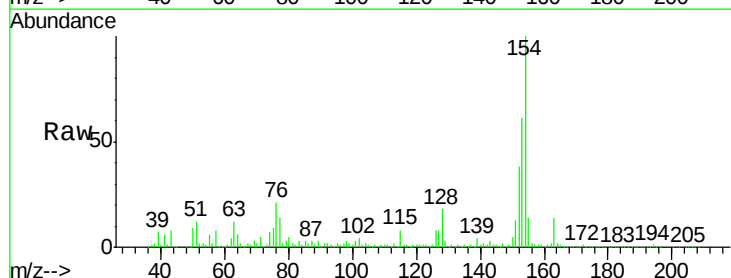
Tgt Ion:163 Resp: 121794

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

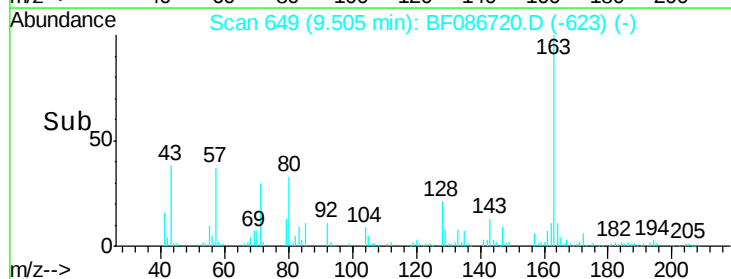
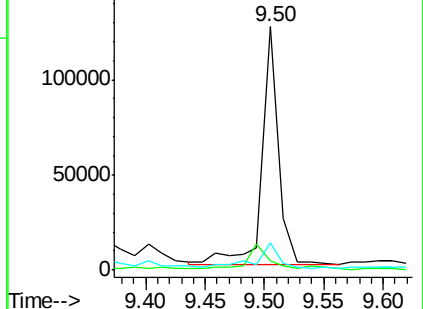
164 11.4 8.2 12.4

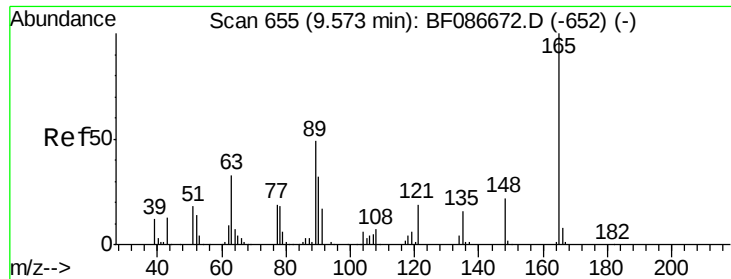


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 6.72 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.09 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

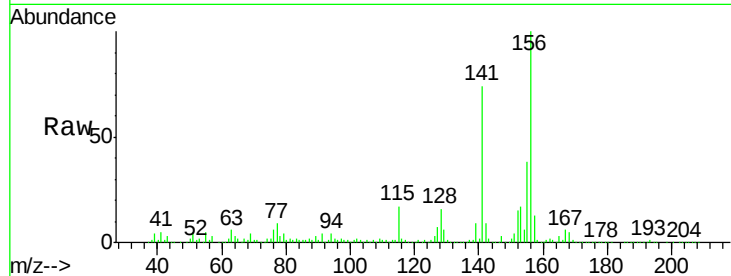
Tgt Ion:165 Resp: 29337

Ion Ratio Lower Upper

165 100

63 223.2 51.8 77.8#

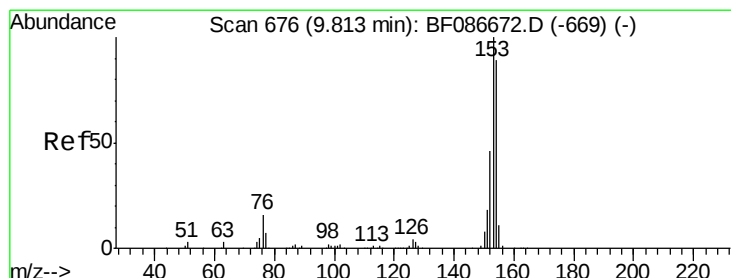
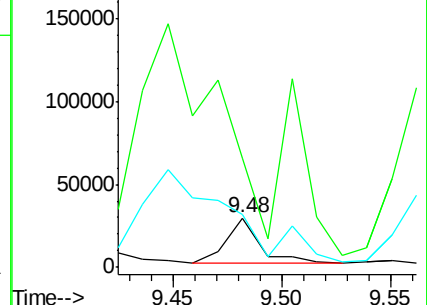
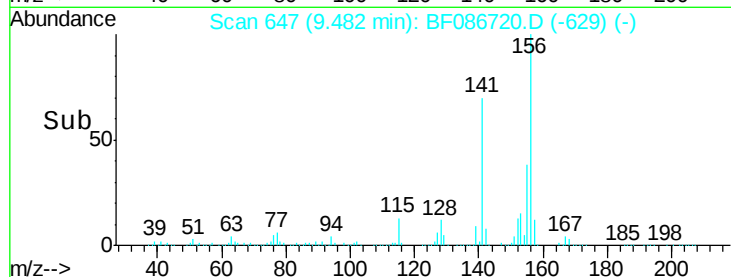
89 108.3 50.7 76.1#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 154.05 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.01 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

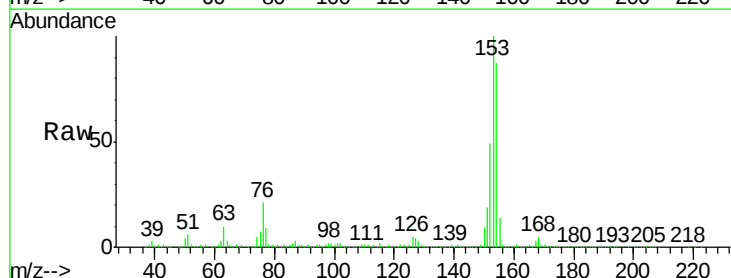
Tgt Ion:154 Resp: 2597994

Ion Ratio Lower Upper

154 100

153 114.3 89.8 134.6

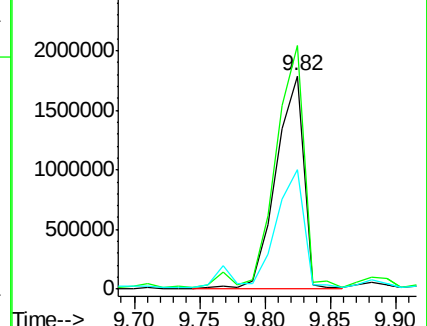
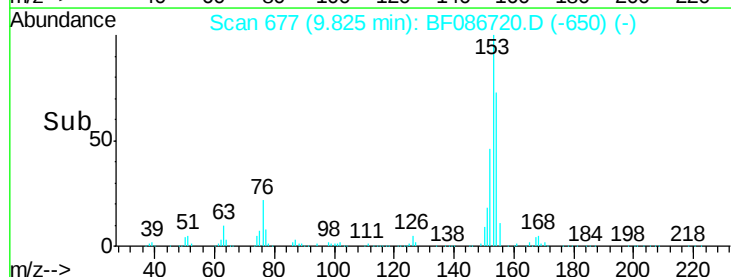
152 55.9 43.4 65.0

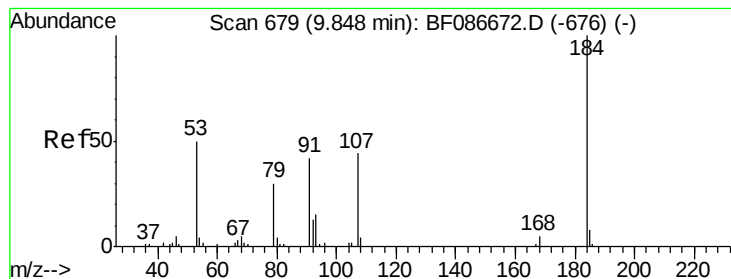


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

2,4-Dinitrophenol

Concen: 11.62 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.01 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

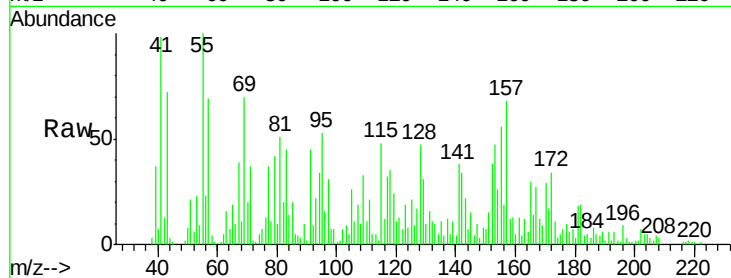
Tgt Ion:184 Resp: 3073

Ion Ratio Lower Upper

184 100

63 347.0 55.8 83.8#

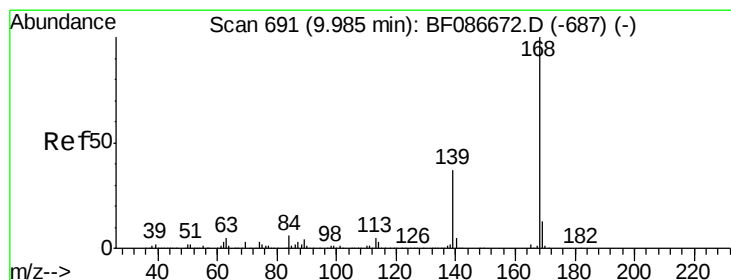
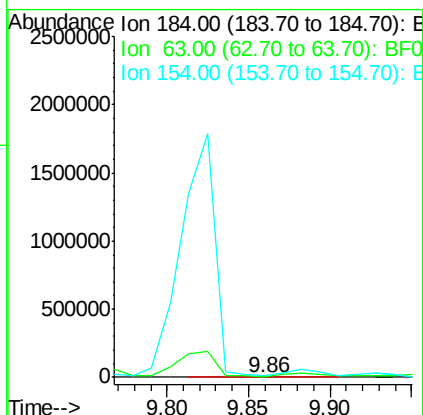
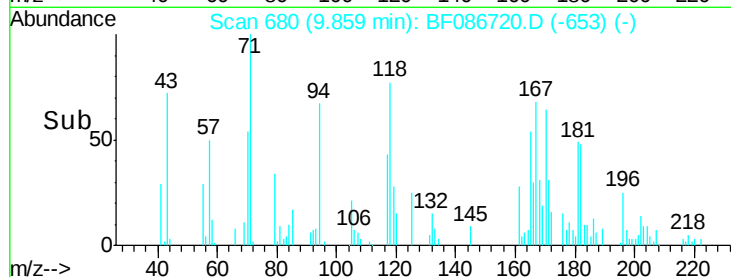
154 553.2 62.4 93.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 33.22 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

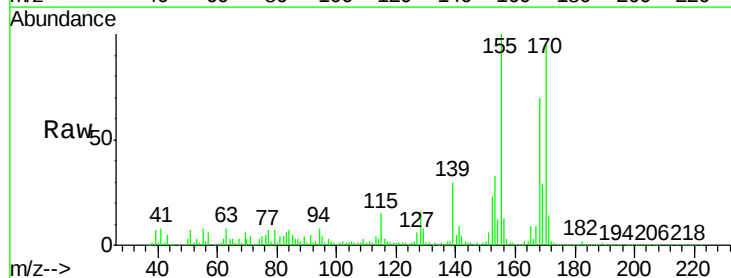
Tgt Ion:168 Resp: 694471

Ion Ratio Lower Upper

168 100

139 43.4 31.4 47.0

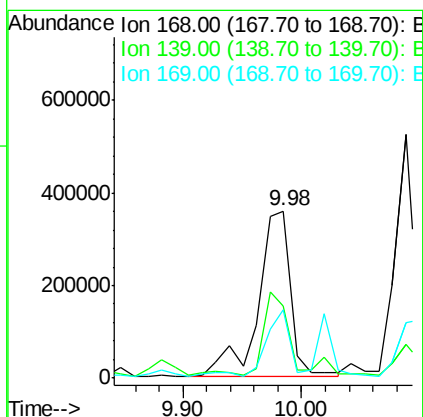
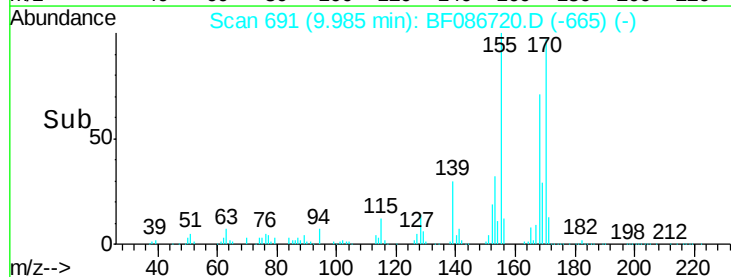
169 40.8 10.7 16.1#

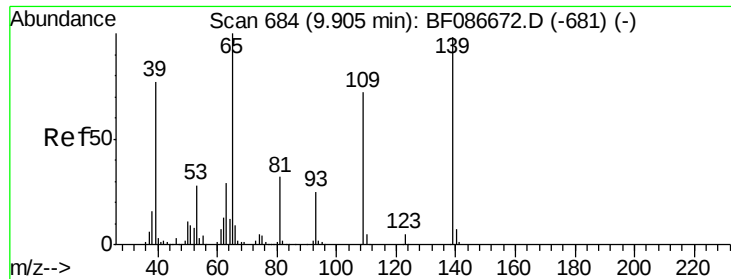


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 15.42 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.09 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

Instrument :

BNA_F

ClientSampled :

TEC-B3COMP

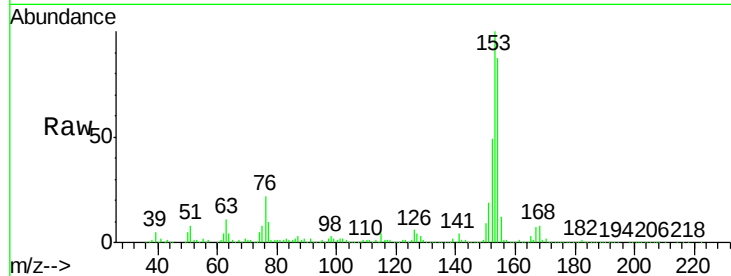
Tgt Ion:139 Resp: 44638

Ion Ratio Lower Upper

139 100

109 53.7 36.9 76.9

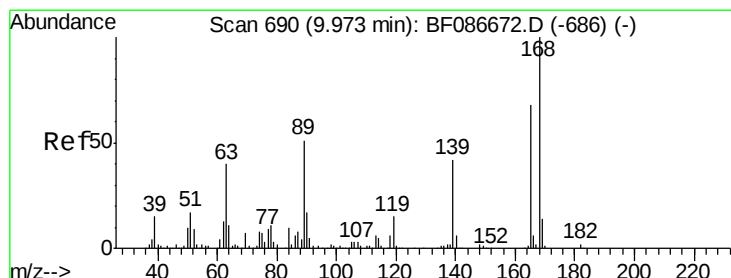
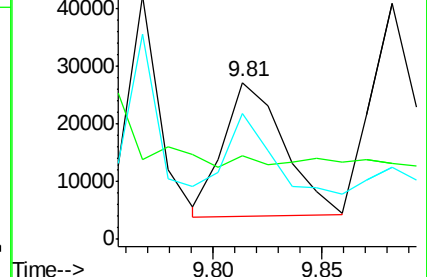
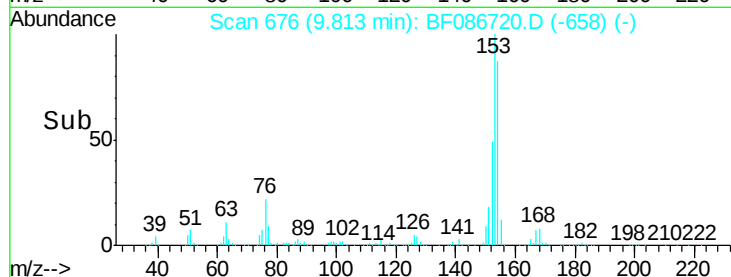
65 80.5 64.0 104.0



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: 23.79 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

Tgt Ion:165 Resp: 128736

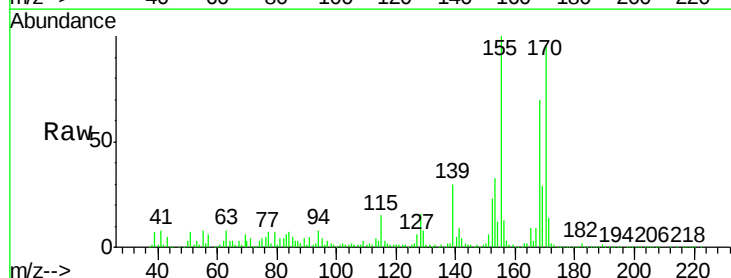
Ion Ratio Lower Upper

165 100

63 90.7 44.3 66.5#

89 45.8 70.0 105.0#

182 19.8 1.8 2.6#

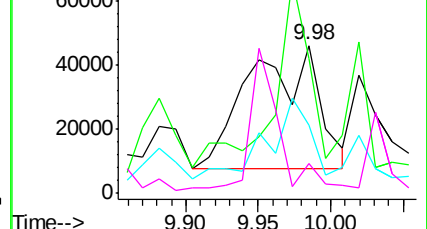
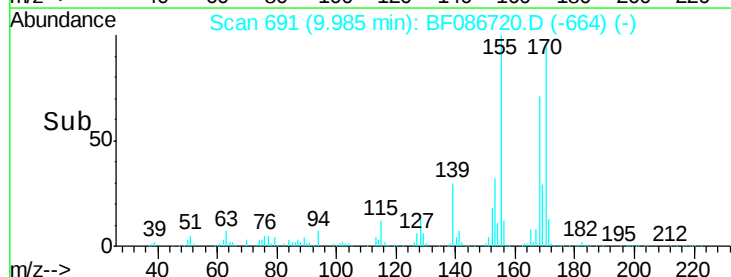


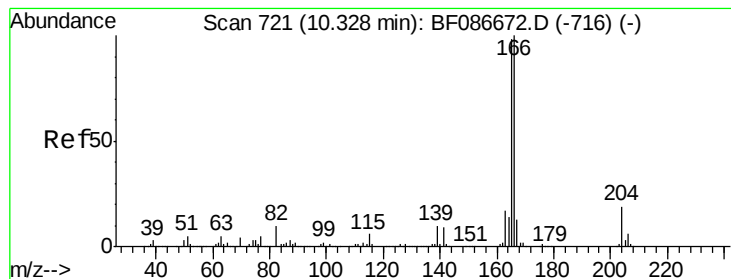
Abundance Ion 165.00 (164.70 to 165.70): E

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: 227.56 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

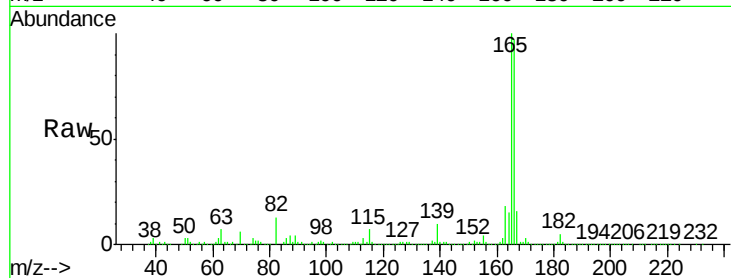
Tgt Ion:166 Resp: 3855005

Ion Ratio Lower Upper

166 100

165 102.6 79.0 118.6

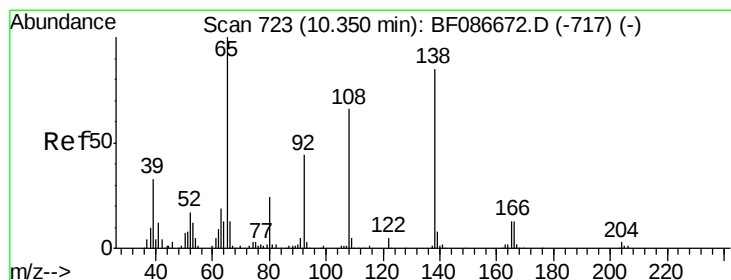
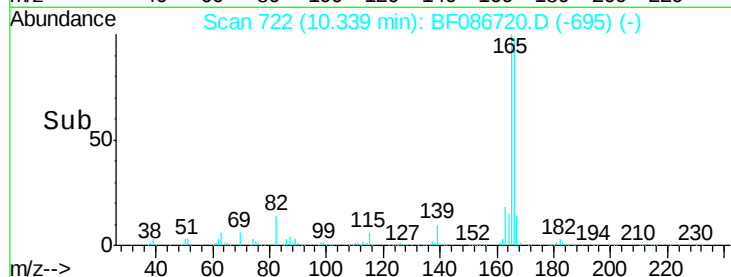
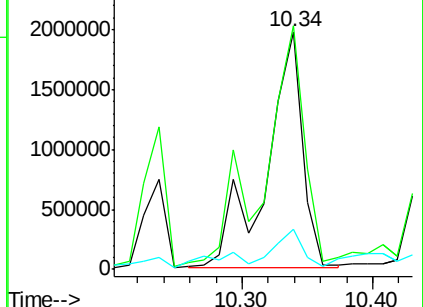
167 16.7 10.6 15.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#61

4-Nitroaniline

Concen: 2.65 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.11 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

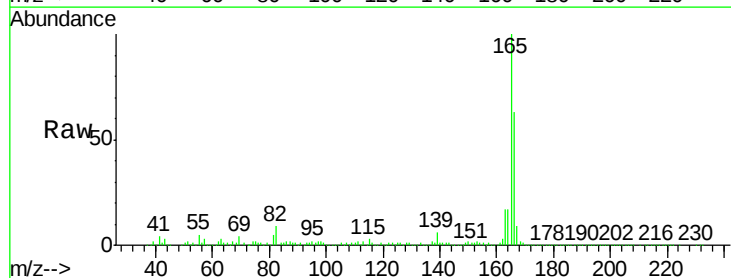
Tgt Ion:138 Resp: 12643

Ion Ratio Lower Upper

138 100

92 24.7 24.7 64.7

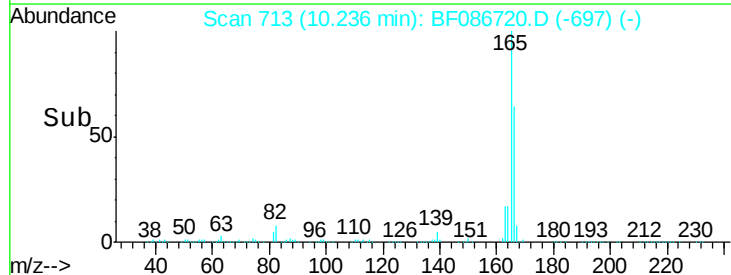
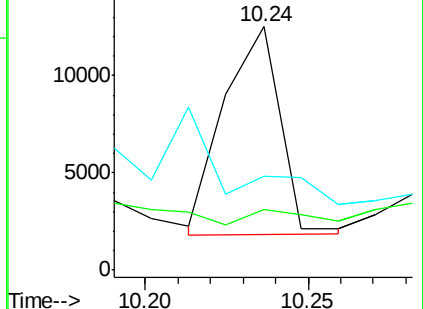
108 38.6 37.4 77.4

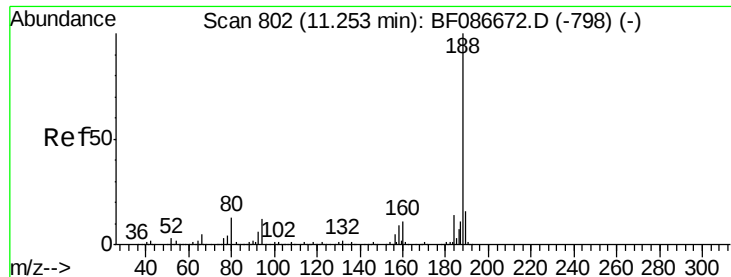


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

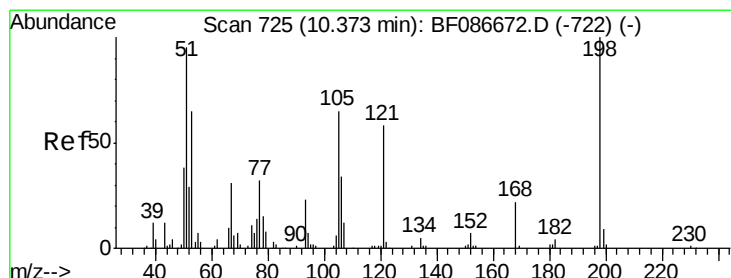
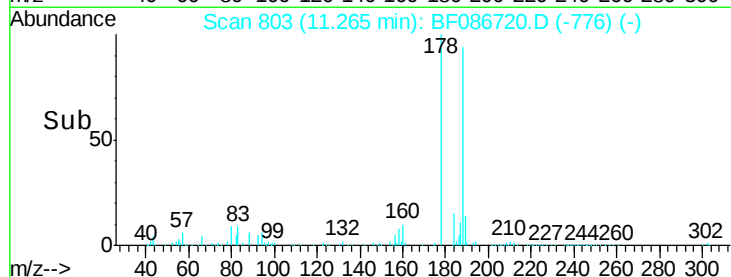
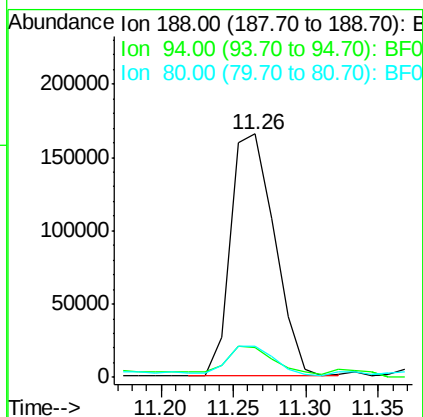
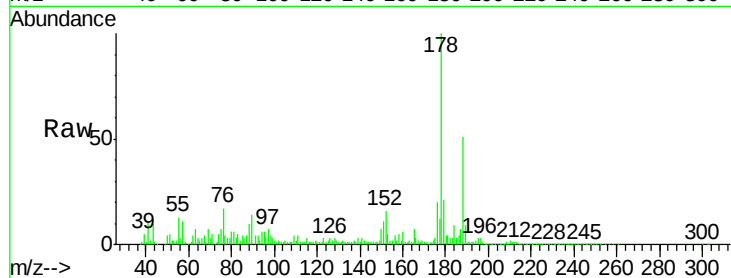




#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.26 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF086720.D
Acq: 5 May 2016 22:14

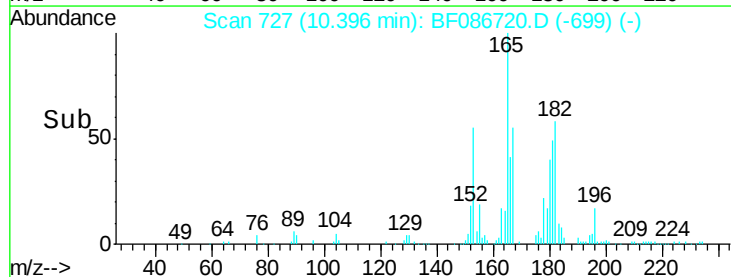
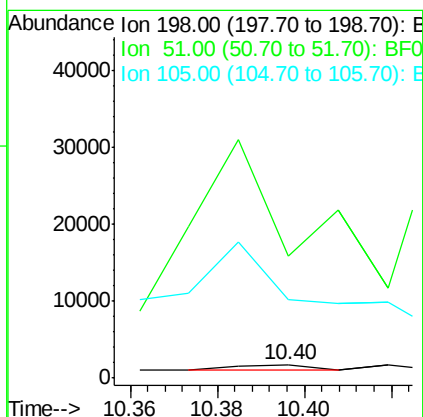
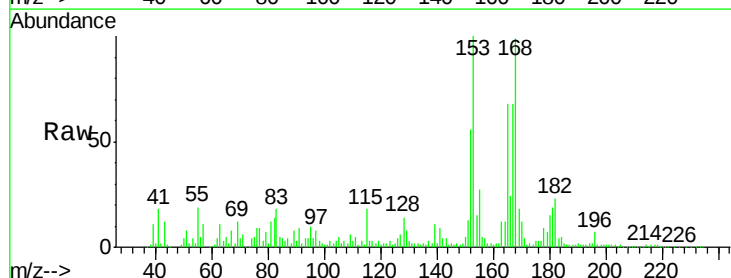
Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

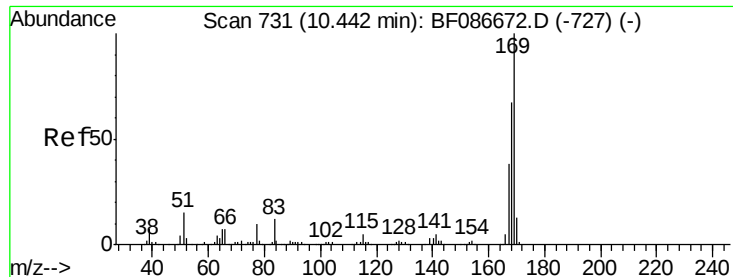
Tgt Ion:188 Resp: 346619
Ion Ratio Lower Upper
188 100
94 12.2 6.8 10.2#
80 12.7 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.76 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.02 min
Lab File: BF086720.D
Acq: 5 May 2016 22:14

Tgt Ion:198 Resp: 837
Ion Ratio Lower Upper
198 100
51 910.5 20.5 60.5#
105 588.7 24.5 64.5#





#65

n-Nitrosodiphenylamine

Concen: 20.00 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

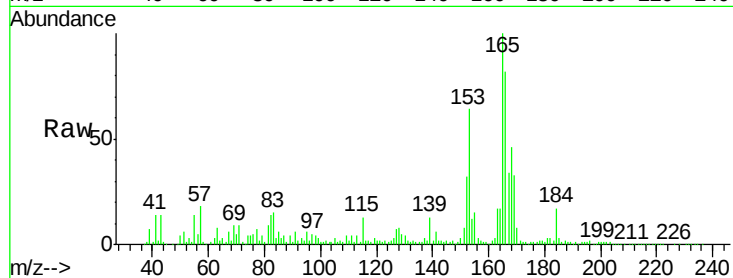
Tgt Ion:169 Resp: 220115

Ion Ratio Lower Upper

169 100

168 136.5 53.8 80.6#

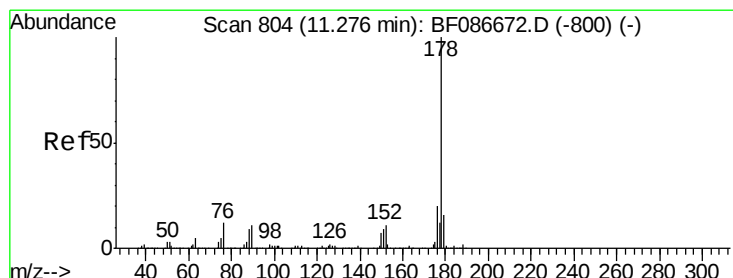
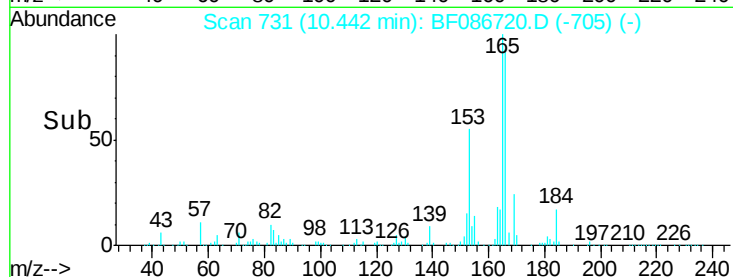
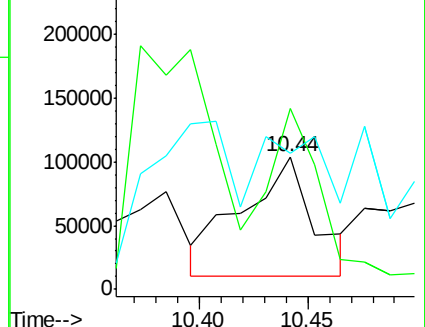
167 102.8 29.5 44.3#



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



#70

Phenanthrene

Concen: 431.26 ng

RT: 11.31 min Scan# 807

Delta R.T. 0.03 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

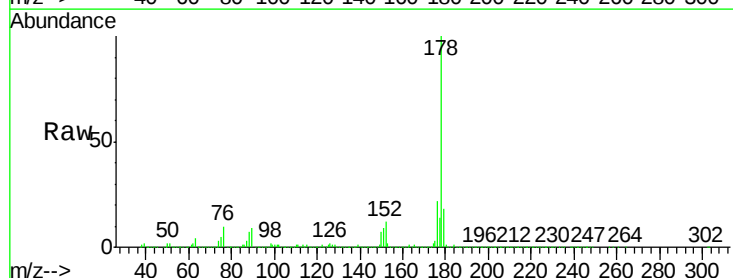
Tgt Ion:178 Resp: 8029361

Ion Ratio Lower Upper

178 100

176 21.8 16.0 24.0

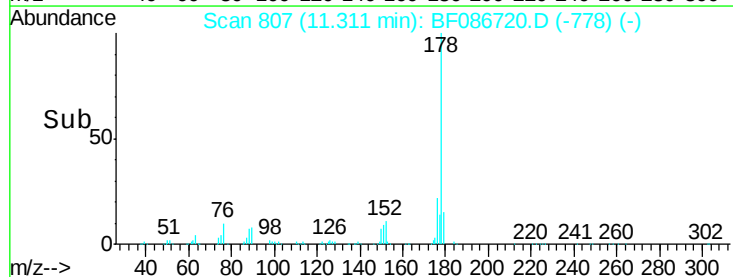
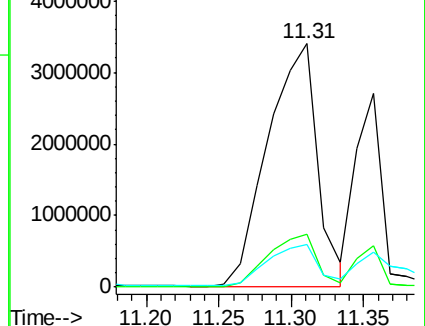
179 17.8 12.6 18.8

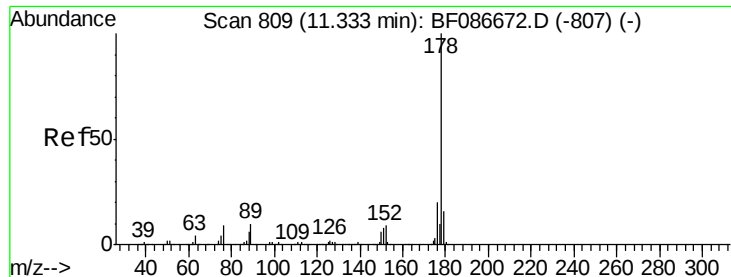


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

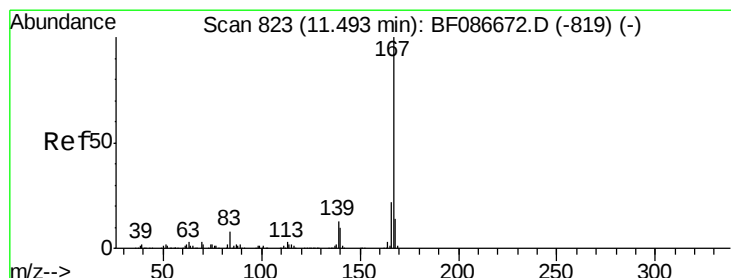
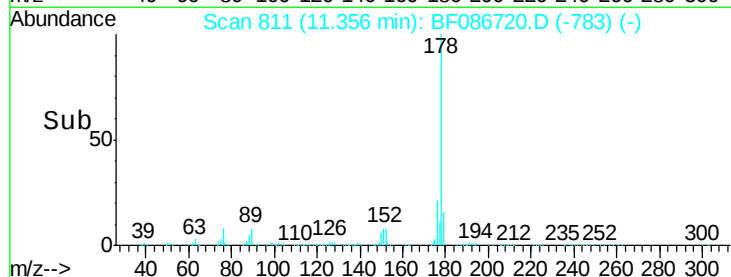
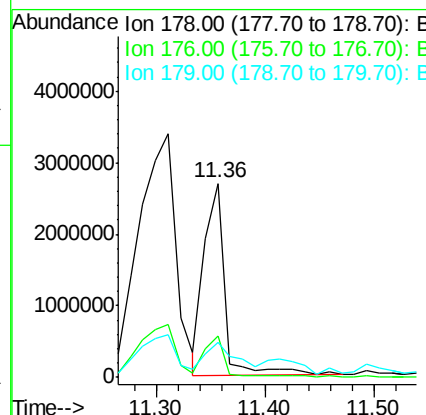
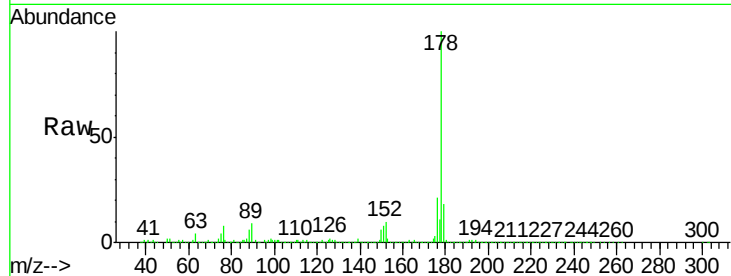




#71
 Anthracene
 Concen: 185.17 ng
 RT: 11.36 min Scan# 811
 Delta R.T. 0.02 min
 Lab File: BF086720.D
 Acq: 5 May 2016 22:14

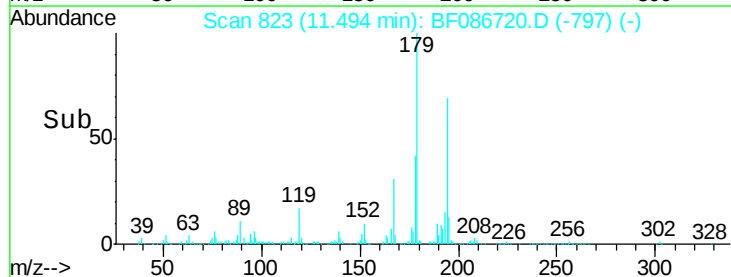
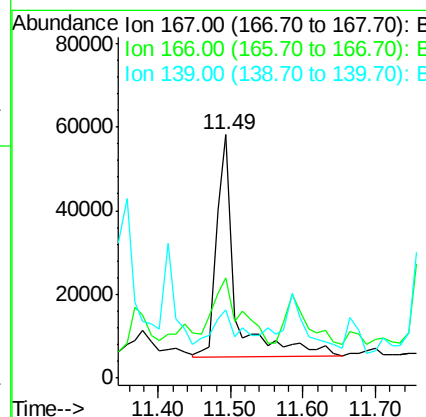
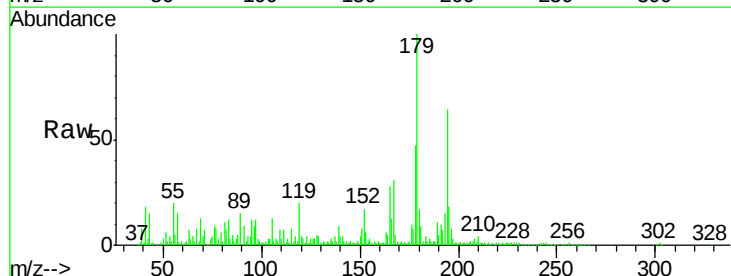
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B3COMP

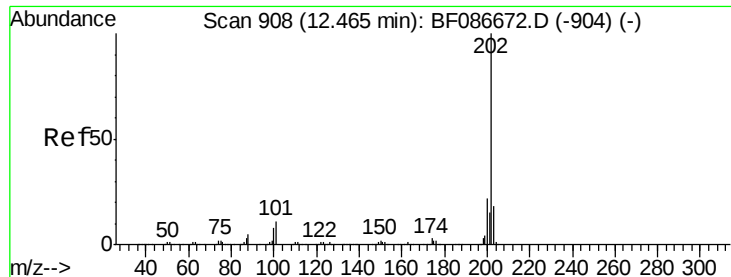
Tgt Ion:178 Resp: 3610098
 Ion Ratio Lower Upper
 178 100
 176 21.0 15.6 23.4
 179 17.9 12.7 19.1



#72
 Carbazole
 Concen: 5.57 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF086720.D
 Acq: 5 May 2016 22:14

Tgt Ion:167 Resp: 94282
 Ion Ratio Lower Upper
 167 100
 166 41.0 17.7 26.5#
 139 28.0 10.8 16.2#





#74

Fluoranthene

Concen: 224.80 ng

RT: 12.49 min Scan# 910

Delta R.T. 0.02 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

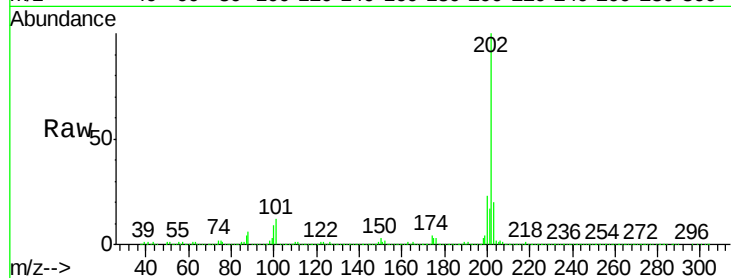
Tgt Ion:202 Resp: 4194370

Ion Ratio Lower Upper

202 100

101 12.2 0.0 35.4

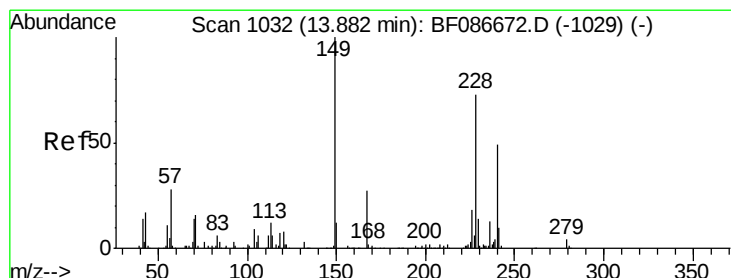
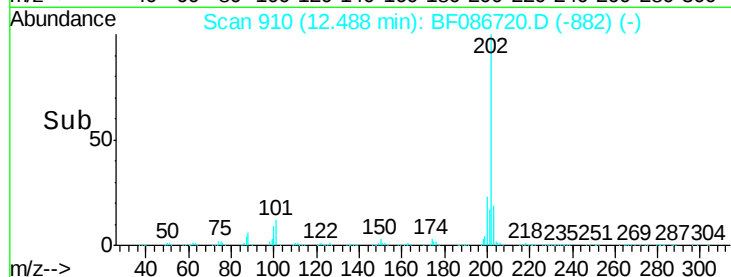
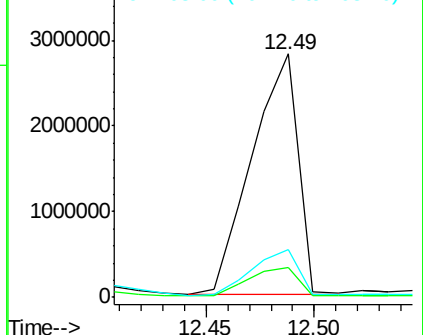
203 19.5 0.0 38.1



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: 13.89 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

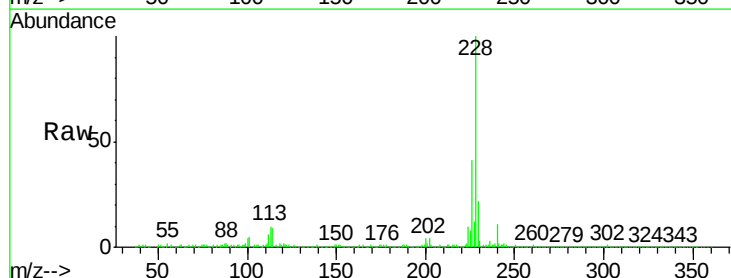
Tgt Ion:240 Resp: 267293

Ion Ratio Lower Upper

240 100

120 17.9 11.2 16.8#

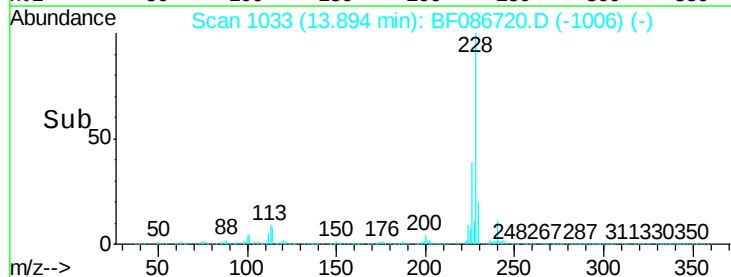
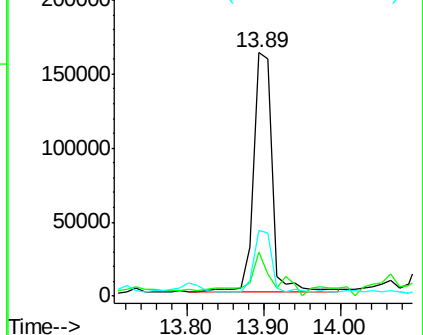
236 27.1 21.2 31.8

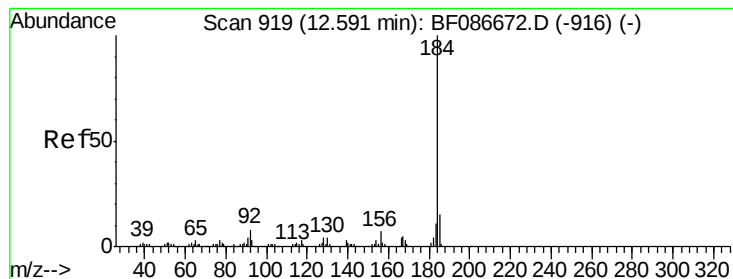


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 7.35 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

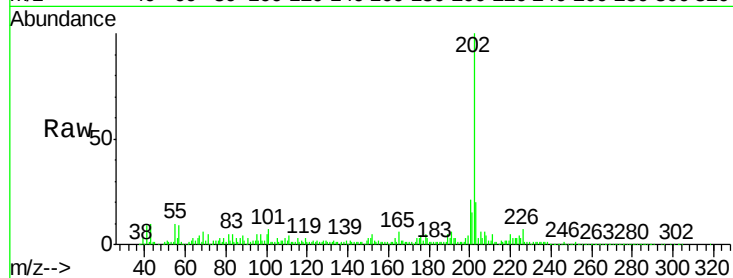
Tgt Ion:184 Resp: 2219

Ion Ratio Lower Upper

184 100

185 81.2 13.6 20.4#

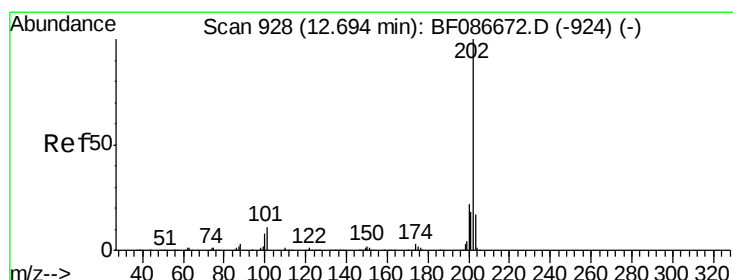
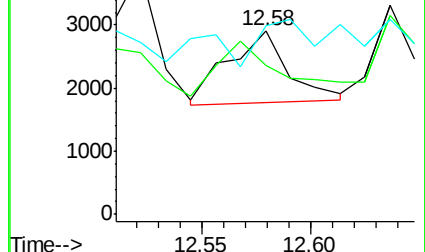
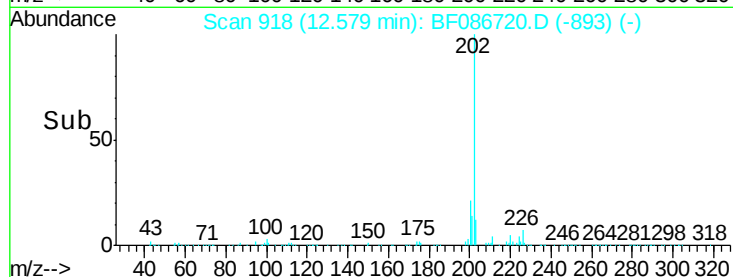
183 102.6 9.8 14.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 236.04 ng

RT: 12.72 min Scan# 930

Delta R.T. 0.02 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

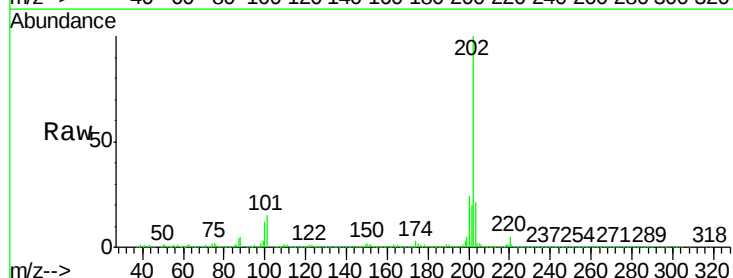
Tgt Ion:202 Resp: 5029952

Ion Ratio Lower Upper

202 100

200 23.6 17.7 26.5

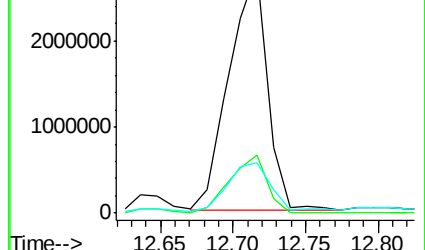
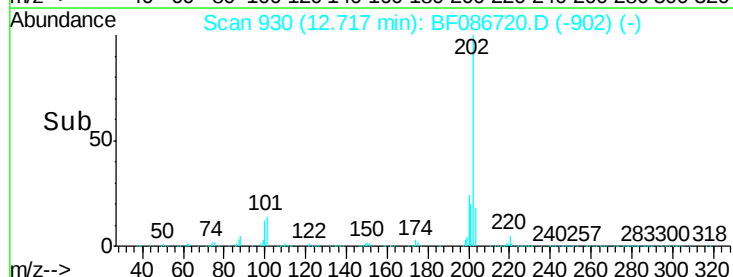
203 20.6 14.2 21.4

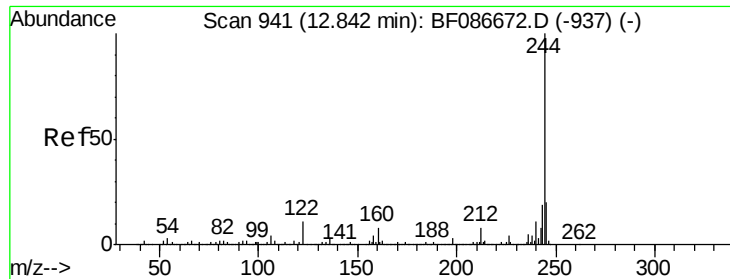


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 65.78 ng

RT: 12.84 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

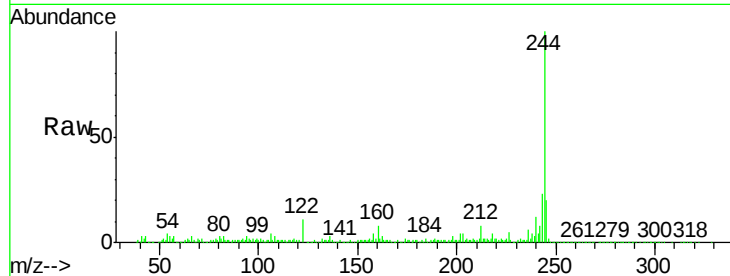
Tgt Ion:244 Resp: 870033

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

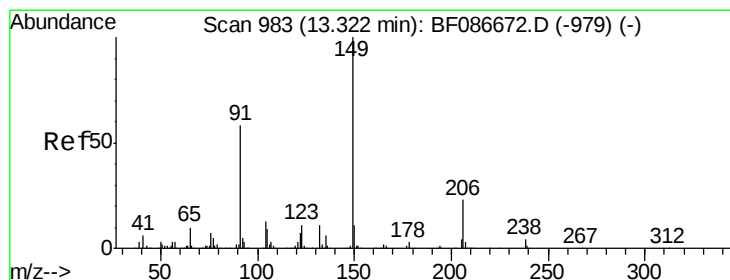
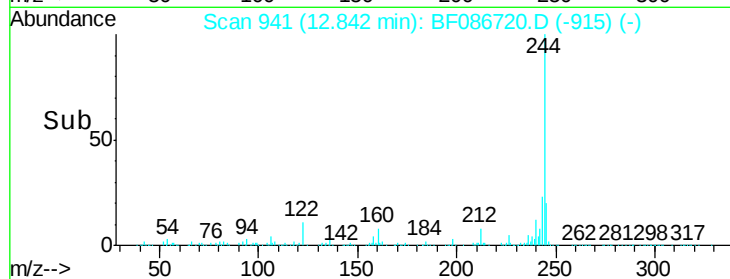
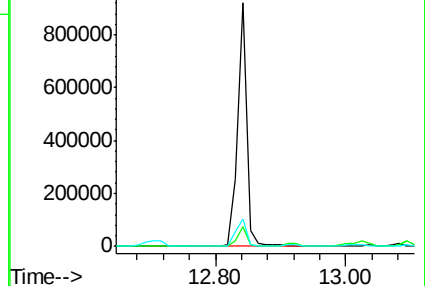
122 11.0 12.0 18.0#



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



#79

Butylbenzylphthalate

Concen: 8.86 ng

RT: 13.29 min Scan# 980

Delta R.T. -0.03 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

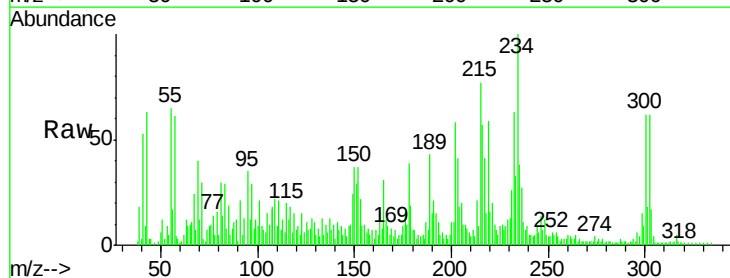
Tgt Ion:149 Resp: 79078

Ion Ratio Lower Upper

149 100

91 86.6 48.0 72.0#

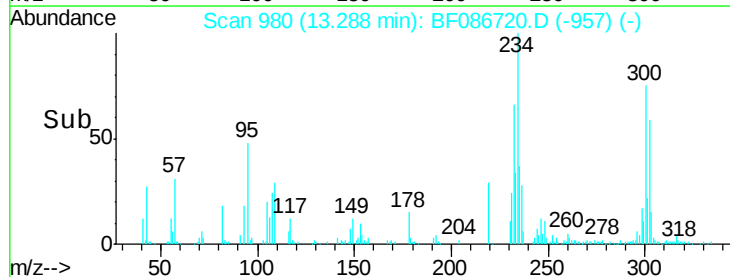
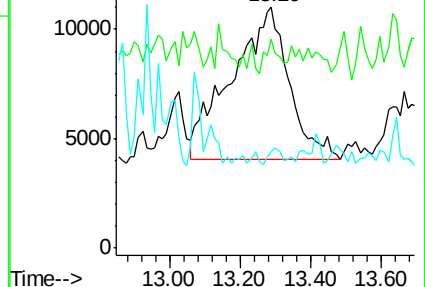
206 39.8 15.8 23.6#

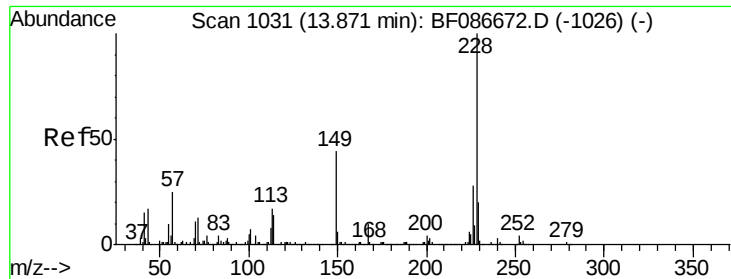


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 166.44 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.02 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

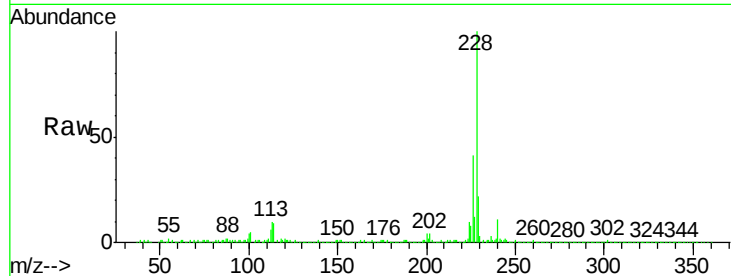
Tgt Ion:228 Resp: 2516036

Ion Ratio Lower Upper

228 100

226 40.6 22.5 33.7#

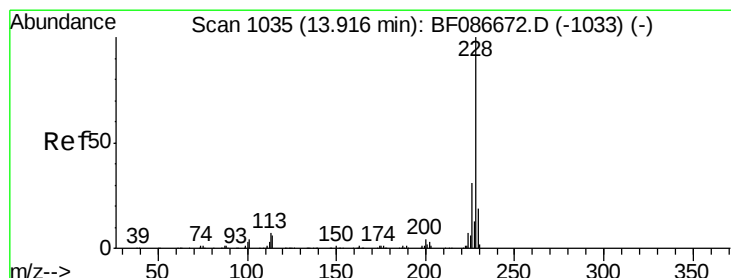
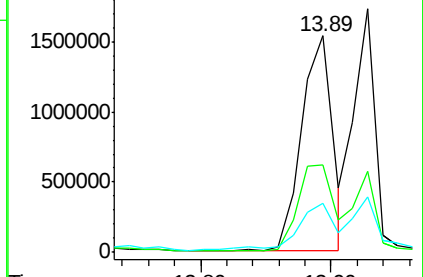
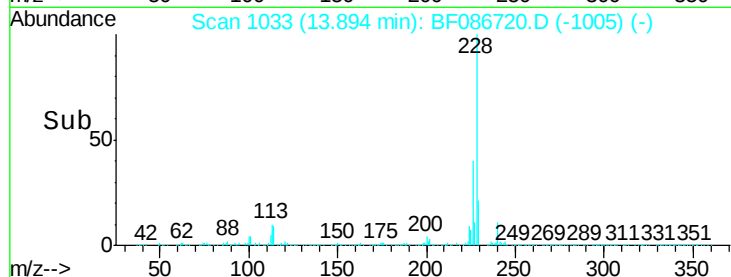
229 22.5 16.6 25.0



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: 156.01 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

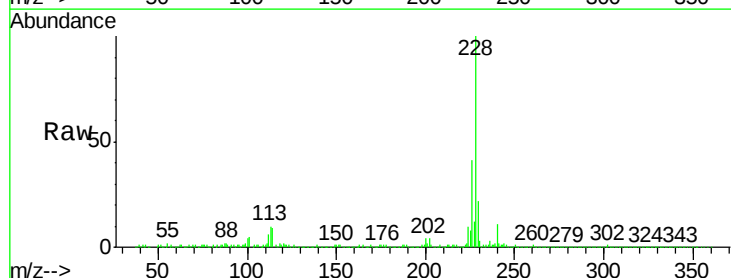
Tgt Ion:228 Resp: 2516036

Ion Ratio Lower Upper

228 100

226 40.6 24.4 36.6#

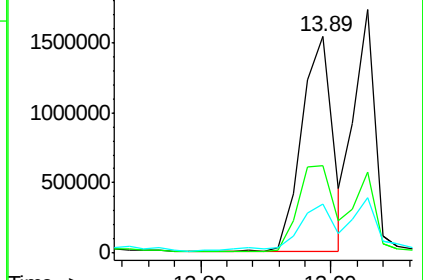
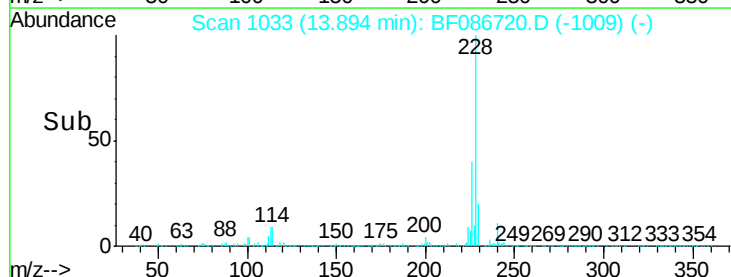
229 22.5 15.8 23.8

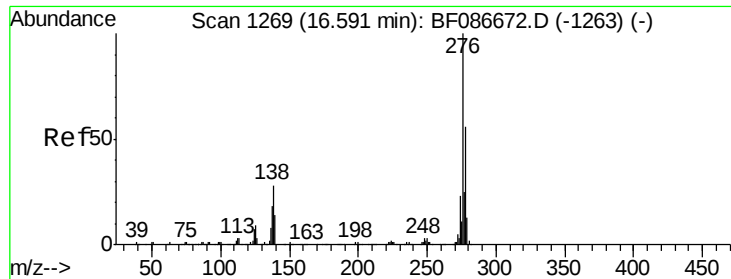


Abundance Ion 228.00 (227.70 to 228.70): E

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: 13.74 ng

RT: 16.47 min Scan# 1258

Delta R.T. -0.13 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

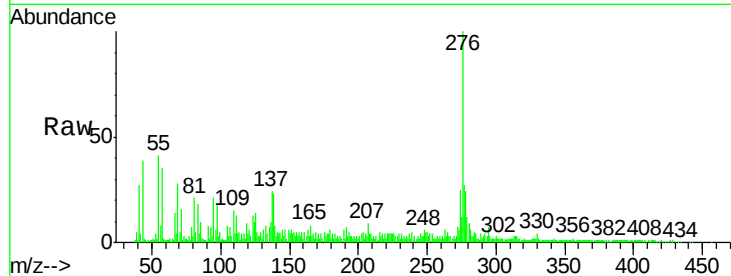
Tgt Ion:276 Resp: 190096

Ion Ratio Lower Upper

276 100

138 26.8 25.6 38.4

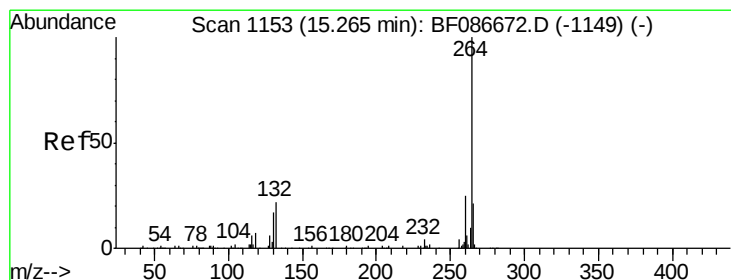
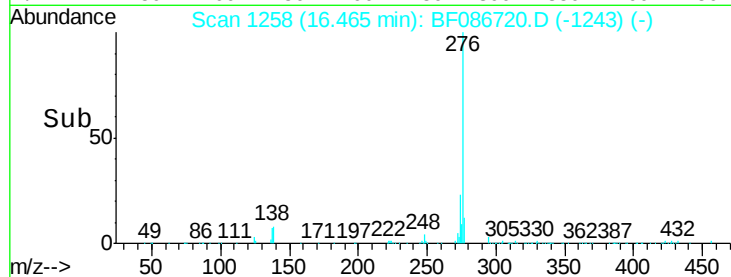
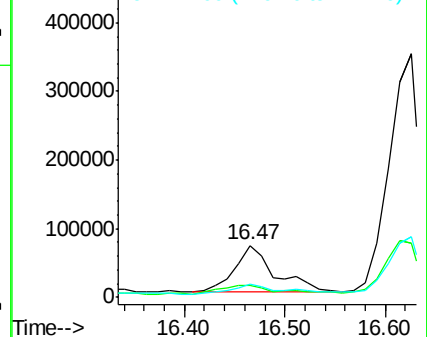
277 20.8 20.5 30.7



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: 15.29 min Scan# 1155

Delta R.T. 0.02 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

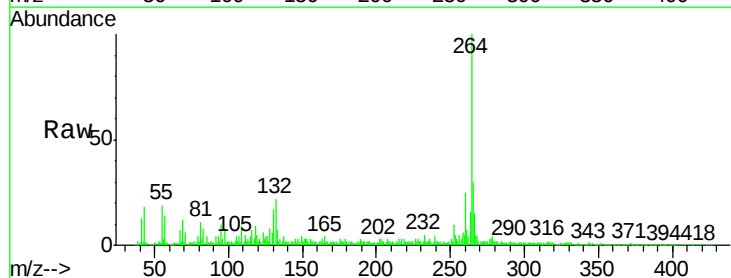
Tgt Ion:264 Resp: 296819

Ion Ratio Lower Upper

264 100

260 25.2 19.5 29.3

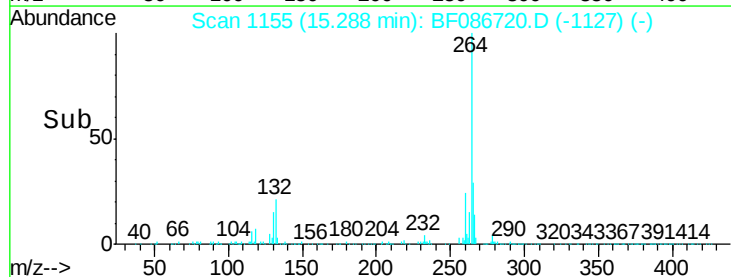
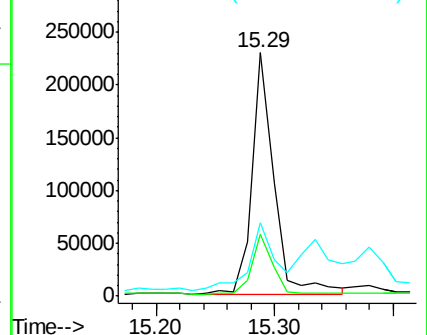
265 30.3 17.3 25.9#

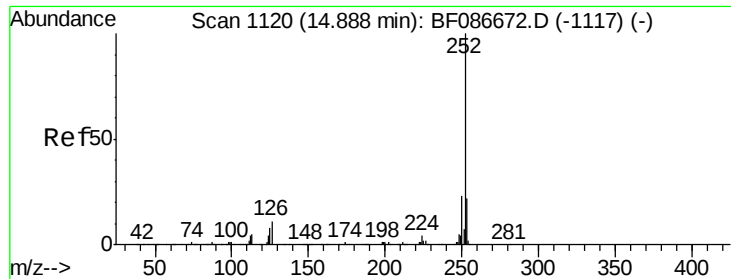


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

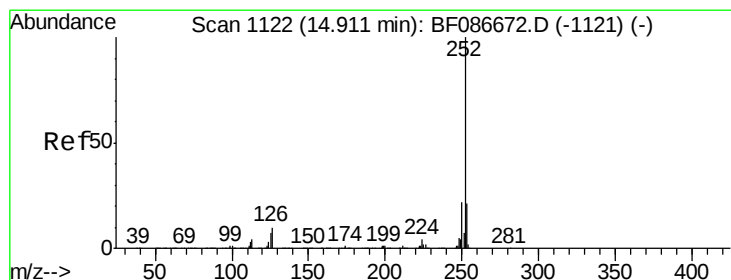
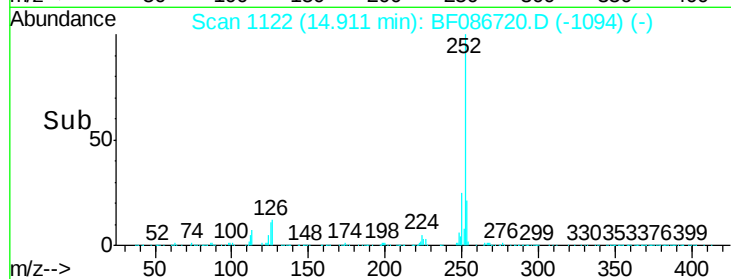
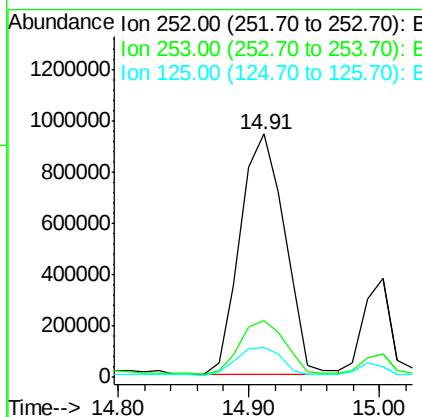
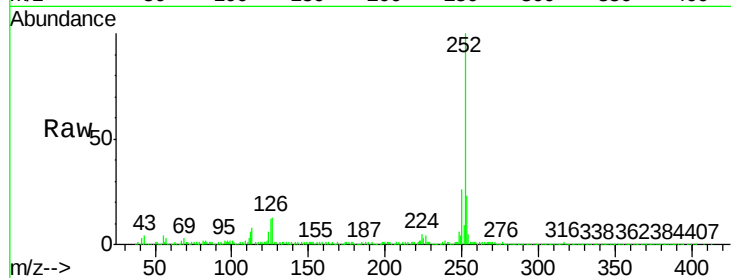




#87
Benzo(b)fluoranthene
Concen: 126.02 ng
RT: 14.91 min Scan# 1122
Delta R.T. 0.02 min
Lab File: BF086720.D
Acq: 5 May 2016 22:14

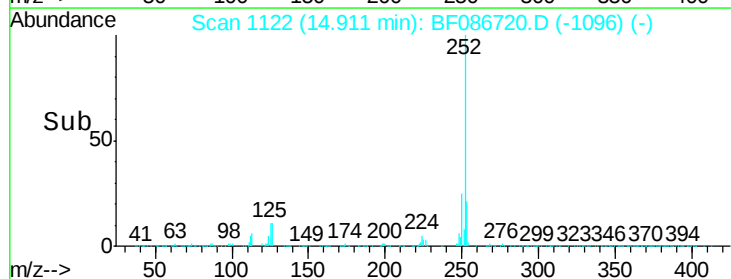
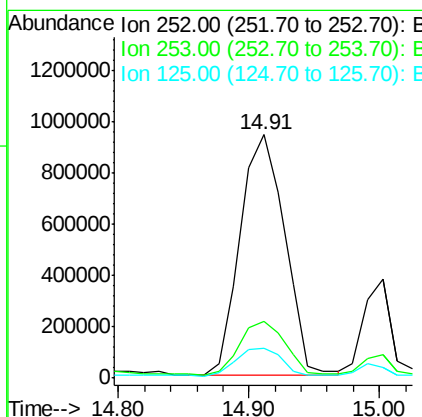
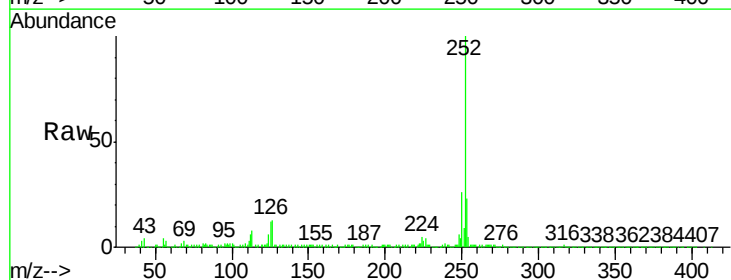
Instrument :
BNA_F
ClientSampleId :
TEC-B3COMP

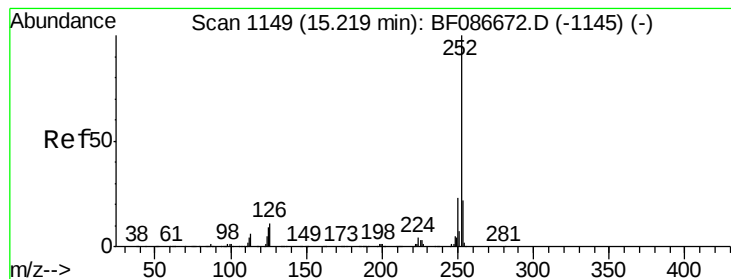
Tgt Ion:252 Resp: 2247670
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 12.4 11.4 17.0



#88
Benzo(k)fluoranthene
Concen: 133.75 ng
RT: 14.91 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF086720.D
Acq: 5 May 2016 22:14

Tgt Ion:252 Resp: 2247670
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 12.4 9.1 13.7





#89

Benzo(a)pyrene

Concen: 110.91 ng

RT: 15.24 min Scan# 1151

Delta R.T. 0.02 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

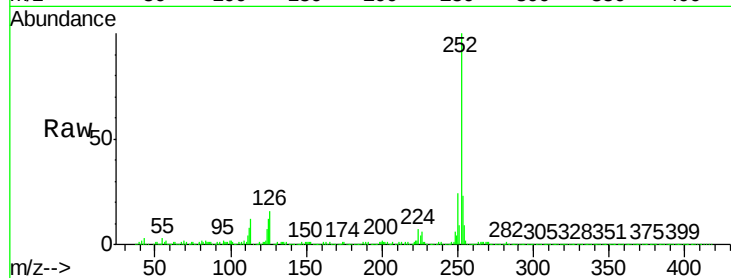
Tgt Ion:252 Resp: 1822039

Ion Ratio Lower Upper

252 100

253 23.5 17.2 25.8

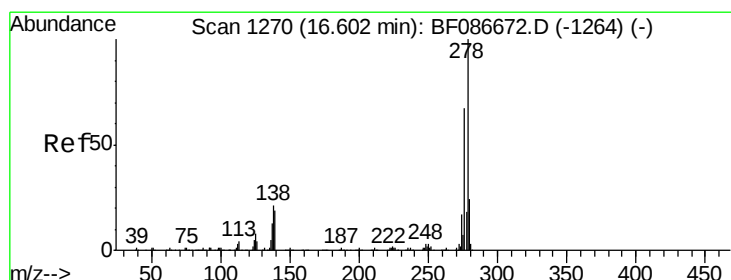
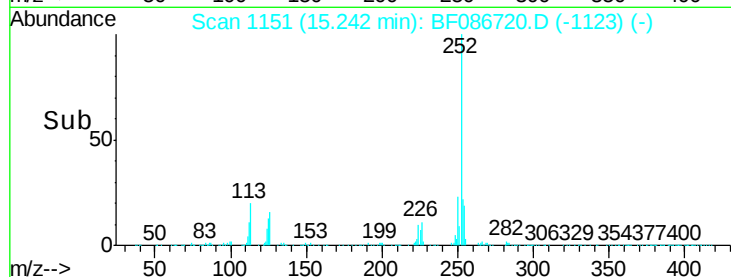
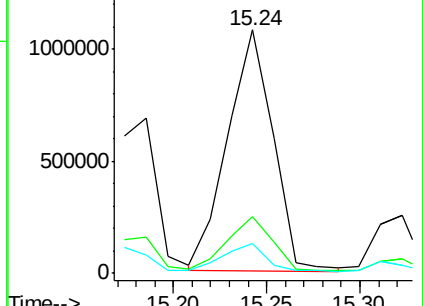
125 12.4 9.0 13.6



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: 10.60 ng

RT: 16.63 min Scan# 1272

Delta R.T. 0.02 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

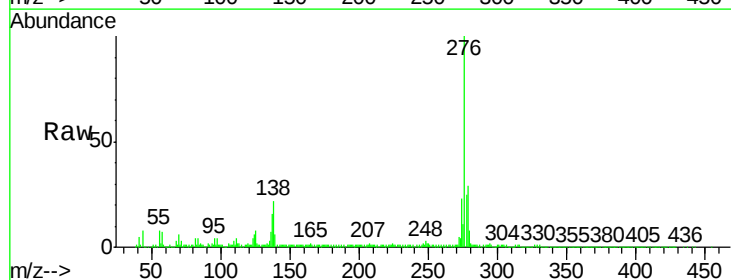
Tgt Ion:278 Resp: 167246

Ion Ratio Lower Upper

278 100

139 21.4 16.6 24.8

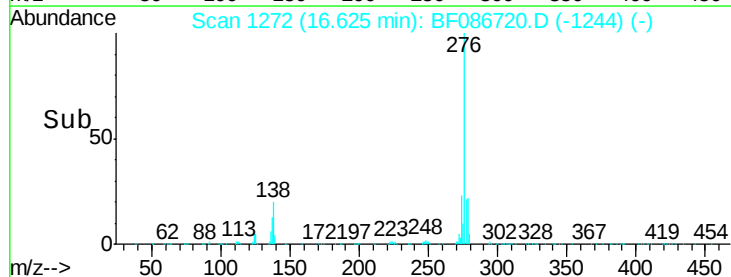
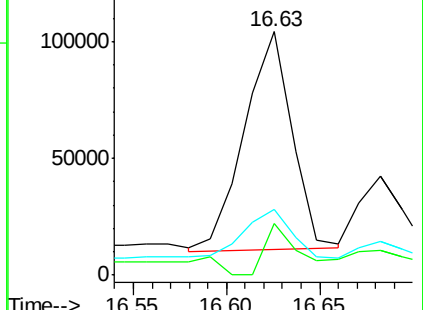
279 27.1 19.6 29.4

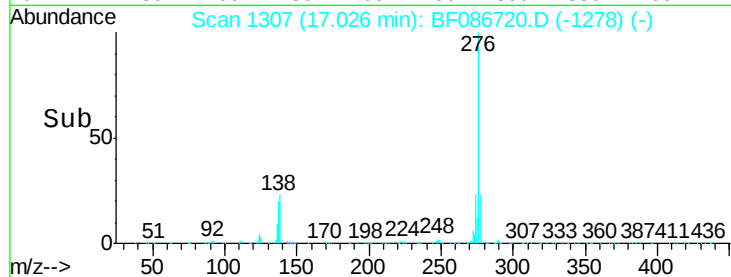
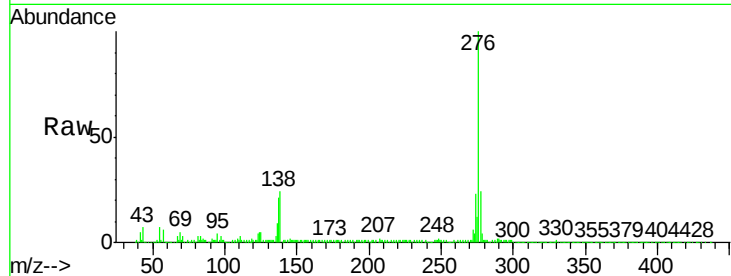
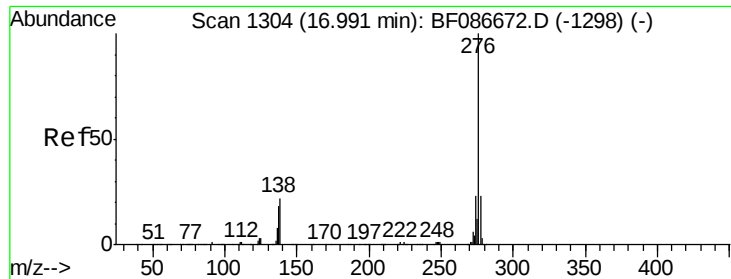


Abundance Ion 278.00 (277.70 to 278.70): E

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: 52.38 ng

RT: 17.03 min Scan# 1307

Delta R.T. 0.03 min

Lab File: BF086720.D

Acq: 5 May 2016 22:14

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMP

Tgt Ion:276 Resp: 867834

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 23.9 23.6 35.4

