

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
 Data File : BF080990.D
 Acq On : 13 Aug 2015 20:09
 Operator : UM/IZ
 Sample : G3283-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP16

Quant Time: Aug 14 00:39:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	34493	20.00	ng	-0.06
21) Naphthalene-d8	8.03	136	121492	20.00	ng	-0.07
38) Acenaphthene-d10	9.78	164	63124	20.00	ng	-0.07
63) Phenanthrene-d10	11.26	188	109027	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	35331	20.00	ng	-0.07
86) Perylene-d12	15.28	264	34286	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	289227	137.00	ng	-0.03
7) Phenol-d6	6.40	99	505272	174.66	ng	-0.05
23) Nitrobenzene-d5	7.32	82	329853	128.42	ng	-0.06
41) 2,4,6-Tribromophenol	10.57	330	72407	104.41	ng	-0.07
44) 2-Fluorobiphenyl	9.12	172	505001	112.63	ng	-0.06
78) Terphenyl-d14	12.85	244	283159	165.54	ng	-0.06

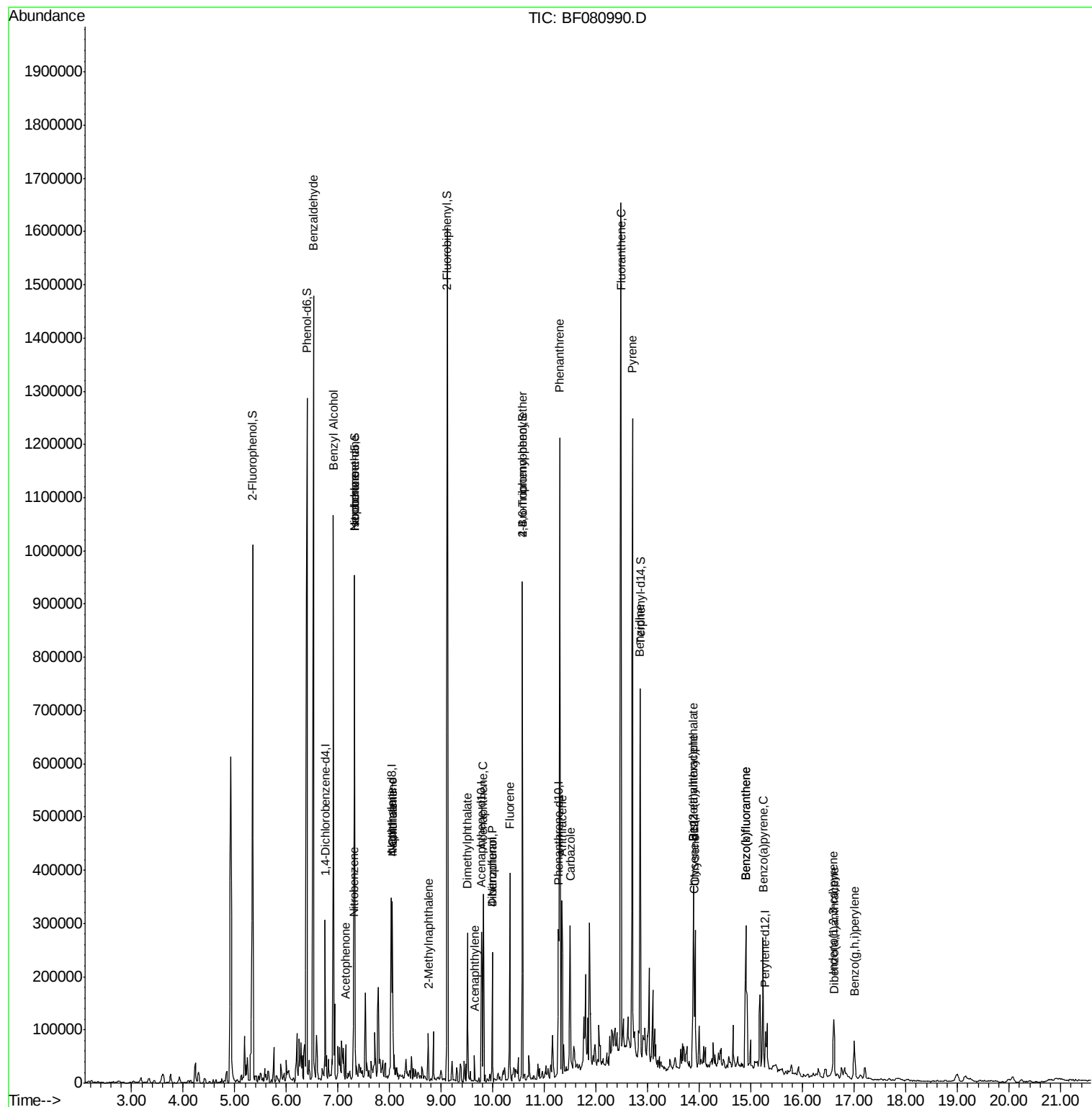
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	10757	5.52	ng	82
15) Benzyl Alcohol	6.91	79	5915	2.50	ng	# 44
18) Hexachloroethane	7.32	117	29755	28.83	ng	# 8
22) Acetophenone	7.15	105	9406	3.16	ng	# 41
24) Nitrobenzene	7.30	77	8149	3.08	ng	# 23
25) Isophorone	7.32	82	315682	63.91	ng	# 66
31) Naphthalene	8.05	128	110107	16.44	ng	98
33) 4-Chloroaniline	8.05	127	16309	5.99	ng	# 38
37) 2-Methylnaphthalene	8.75	142	30381	7.13	ng	100
48) Acenaphthylene	9.64	152	14847	2.02	ng	97
49) Dimethylphthalate	9.50	163	103190	19.68	ng	99
51) Acenaphthene	9.81	154	70347	15.64	ng	99
54) Dibenzofuran	9.98	168	77893	12.81	ng	97
55) 4-Nitrophenol	9.98	139	32248	32.26	ng	# 15
57) Fluorene	10.33	166	95066	20.21	ng	100
66) 4-Bromophenyl-phenylether	10.57	248	5810	5.03	ng	# 1
70) Phenanthrene	11.29	178	639891	103.65	ng	99
71) Anthracene	11.33	178	162199	26.54	ng	99
72) Carbazole	11.49	167	100079	16.82	ng	# 98
74) Fluoranthene	12.48	202	653829	97.97	ng	97
76) Benzidine	12.84	184	5184	4.46	ng	# 90
77) Pyrene	12.70	202	566776	217.15	ng	99
80) Benzo(a)anthracene	13.88	228	140411	62.92	ng	99
82) Chrysene	13.92	228	84041	39.33	ng	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	5229	2.99	ng	# 86
85) Indeno(1,2,3-cd)pyrene	16.60	276	74363	36.57	ng	# 91
87) Benzo(b)fluoranthene	14.90	252	198149	83.11	ng	99
88) Benzo(k)fluoranthene	14.90	252	198149	95.00	ng	# 97
89) Benzo(a)pyrene	15.23	252	109019	53.20	ng	# 95
90) Dibenzo(a,h)anthracene	16.61	278	17230	9.51	ng	95
91) Benzo(g,h,i)perylene	17.00	276	59683	33.86	ng	95

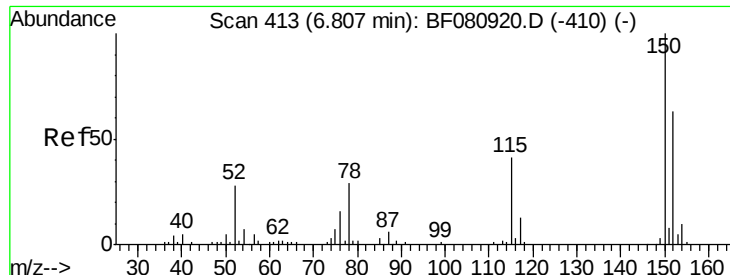
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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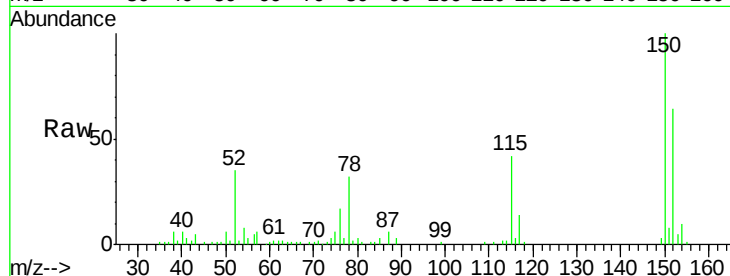


#1

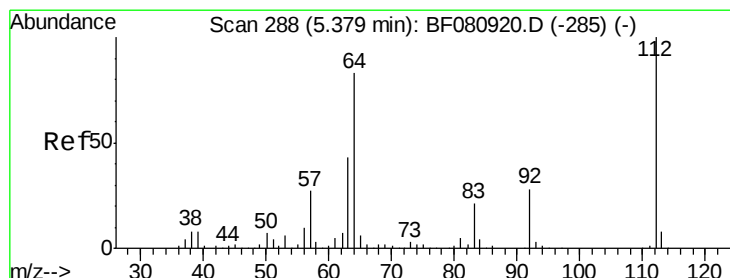
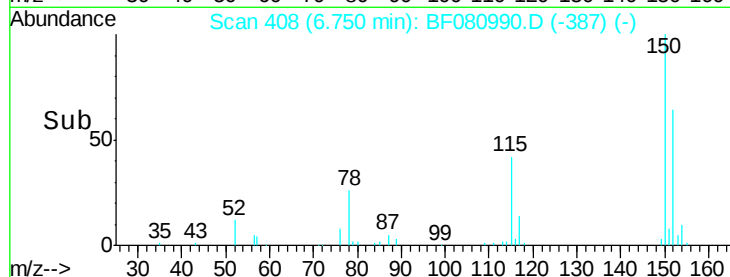
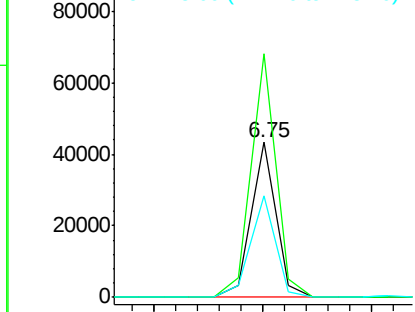
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.06 min
Lab File: BF080990.D
Acq: 13 Aug 2015 20:09

Instrument :
BNA_F
ClientSampleId :
TEC-COMP16

Tot Ion:152 Resp: 34493
Ion Ratio Lower Upper
152 100
150 157.0 127.4 191.2
115 65.3 52.6 78.8



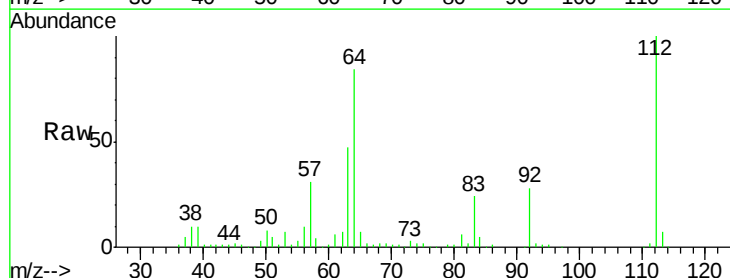
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



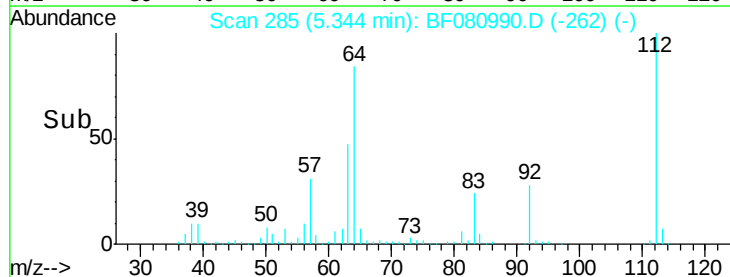
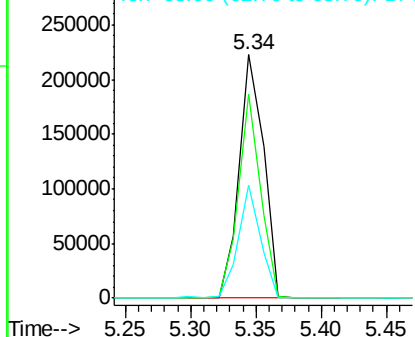
#5

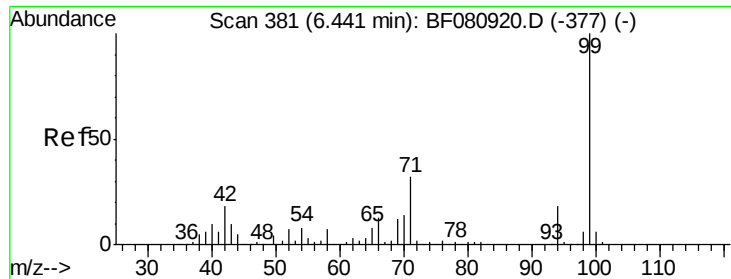
2-Fluorophenol
Concen: 137.00 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.03 min
Lab File: BF080990.D
Acq: 13 Aug 2015 20:09

Tgt Ion:112 Resp: 289227
Ion Ratio Lower Upper
112 100
64 83.8 66.1 99.1
63 46.6 34.6 52.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 174.66 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

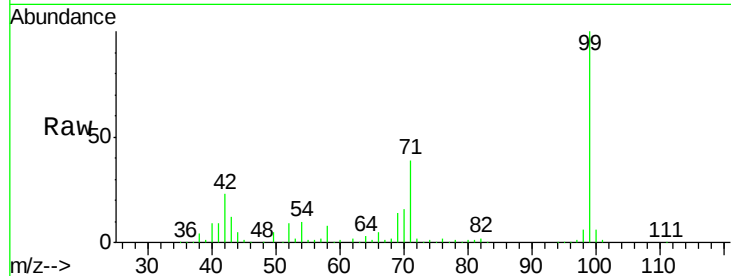
Tot Ion: 99 Resp: 505272

Ion Ratio Lower Upper

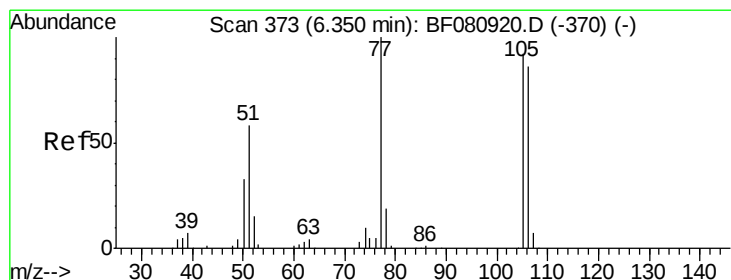
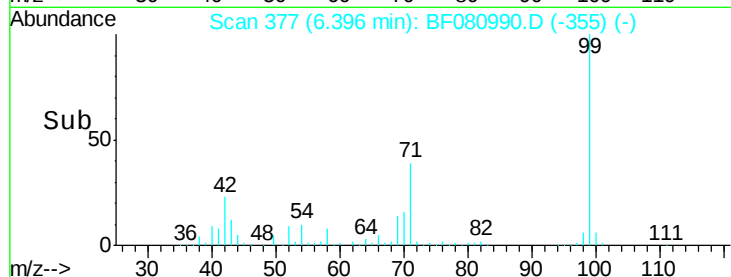
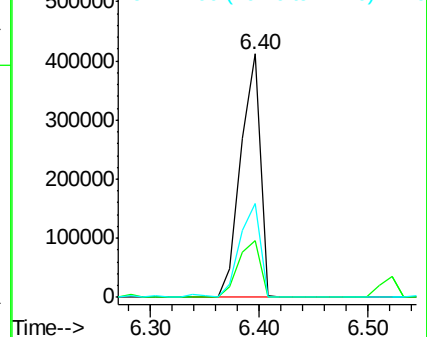
99 100

42 23.3 14.4 21.6#

71 38.5 25.8 38.8



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: 5.52 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.17 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

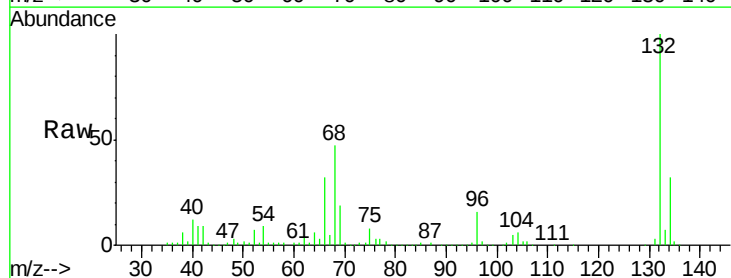
Tgt Ion: 77 Resp: 10757

Ion Ratio Lower Upper

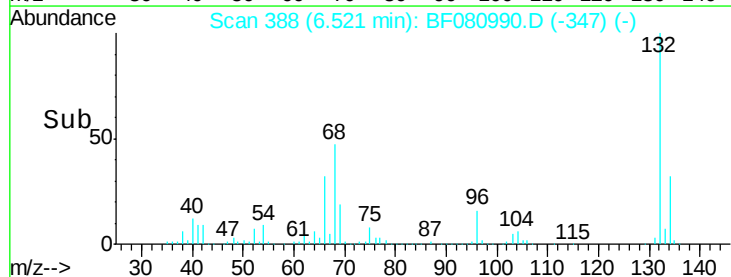
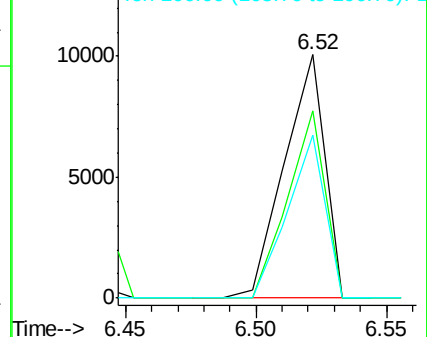
77 100

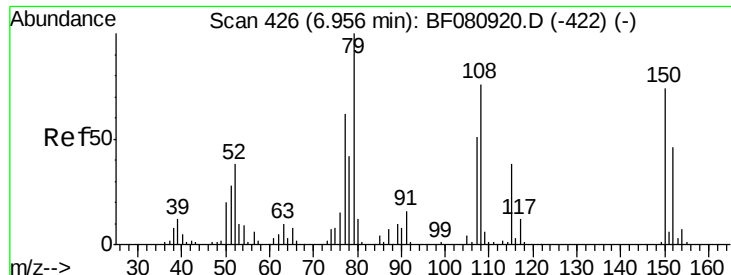
105 77.2 71.6 111.6

106 66.7 65.7 105.7



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: 2.50 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

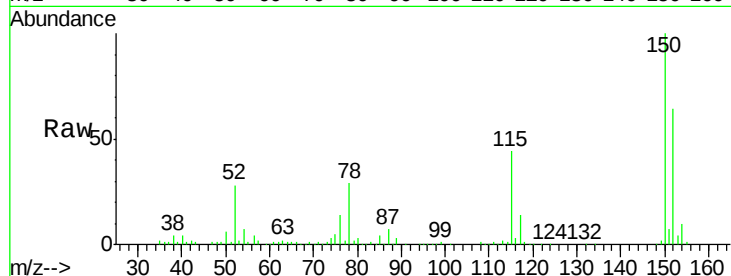
Tot Ion: 79 Resp: 5915

Ion Ratio Lower Upper

79 100

108 31.1 60.9 91.3#

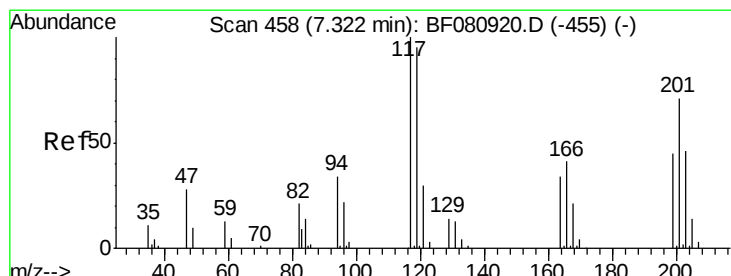
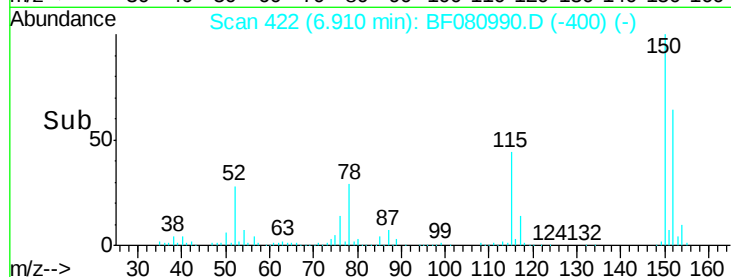
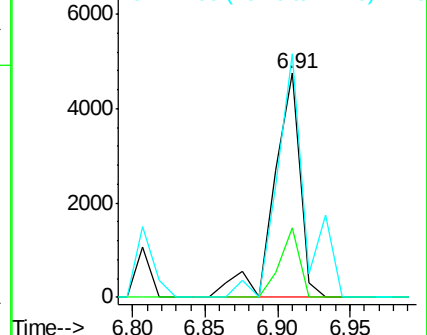
77 108.6 49.4 74.0#



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: 28.83 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

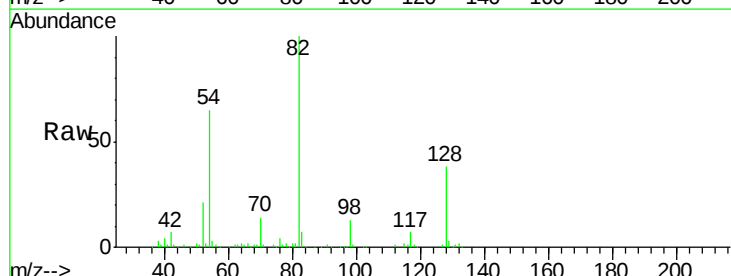
Tgt Ion: 117 Resp: 29755

Ion Ratio Lower Upper

117 100

119 2.1 76.3 114.5#

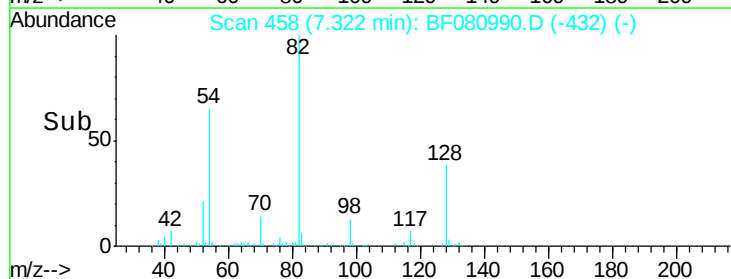
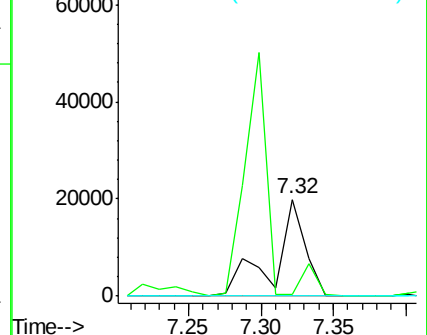
201 0.0 57.0 85.6#

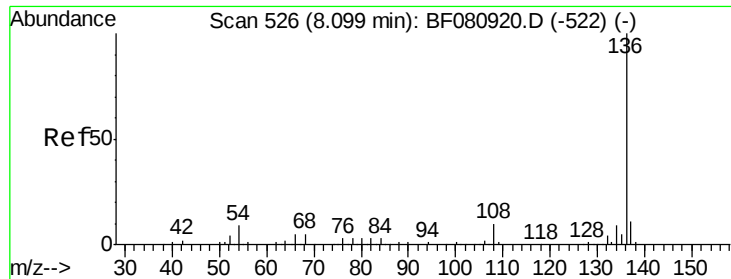


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.07 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

Tot Ion:136 Resp: 121492

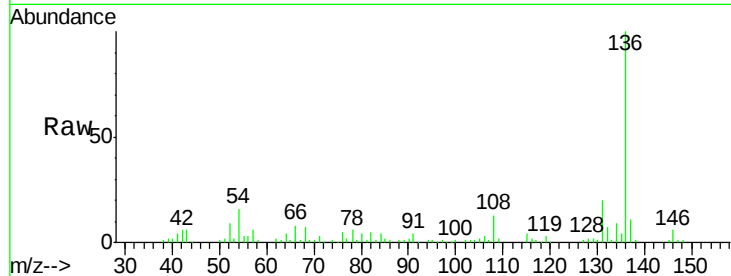
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 15.7 7.1 10.7#

68 7.0 3.8 5.8#

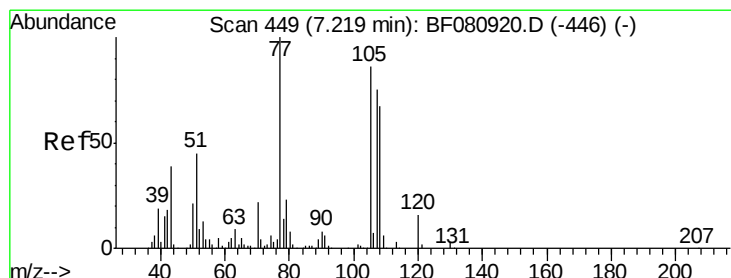
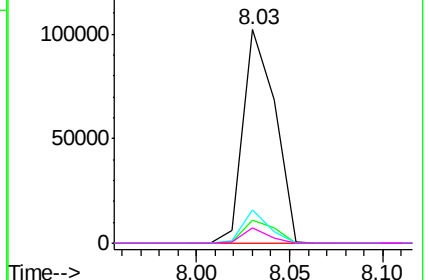
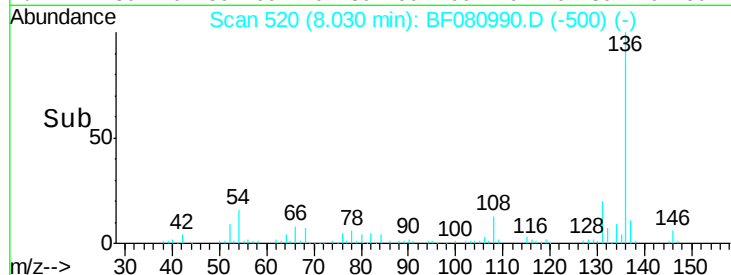


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.16 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.07 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

Tgt Ion:105 Resp: 9406

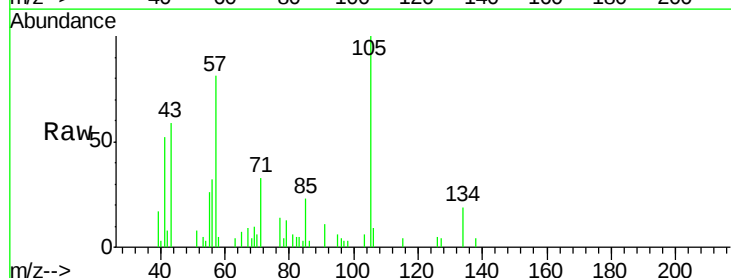
Ion Ratio Lower Upper

105 100

71 33.0 3.3 4.9#

51 8.3 41.8 62.6#

120 0.0 15.1 22.7#

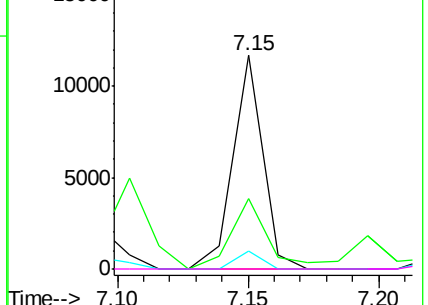
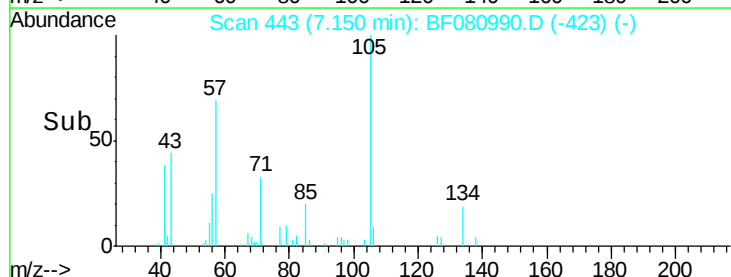


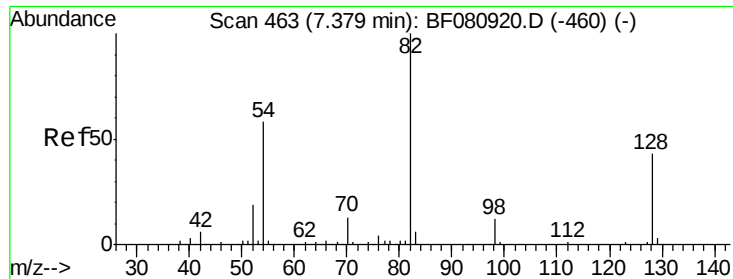
Abundance Ion 105.00 (104.70 to 105.70): E

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

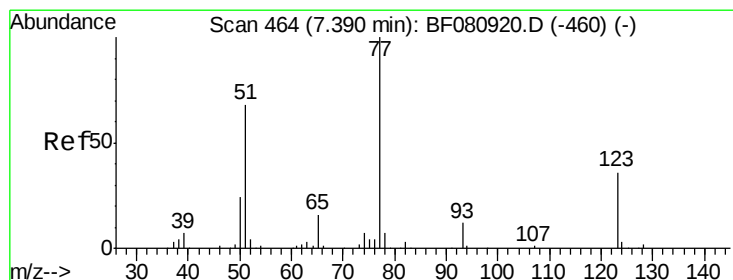
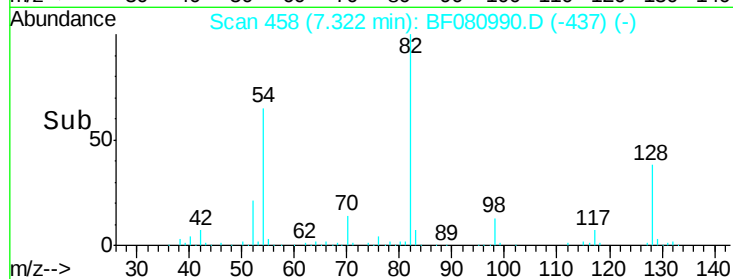
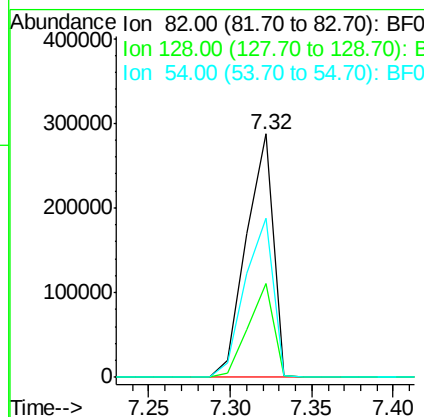
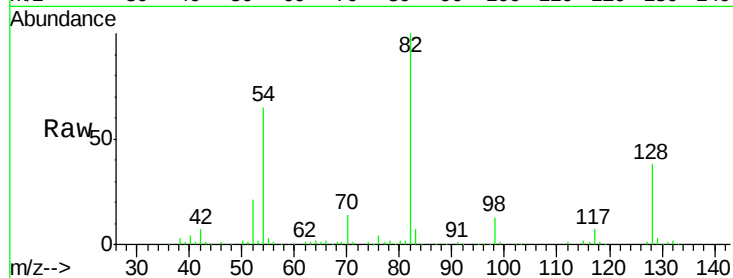




#23
 Nitrobenzene-d5
 Concen: 128.42 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF080990.D
 Acq: 13 Aug 2015 20:09

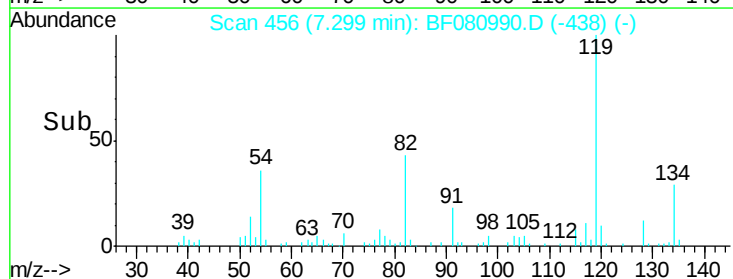
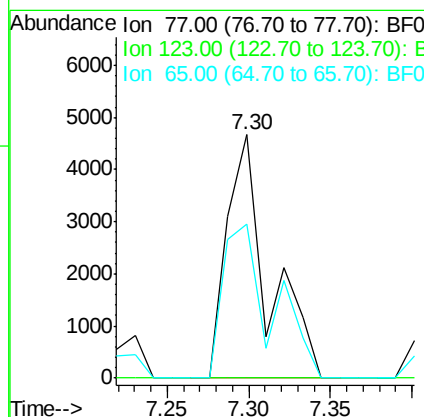
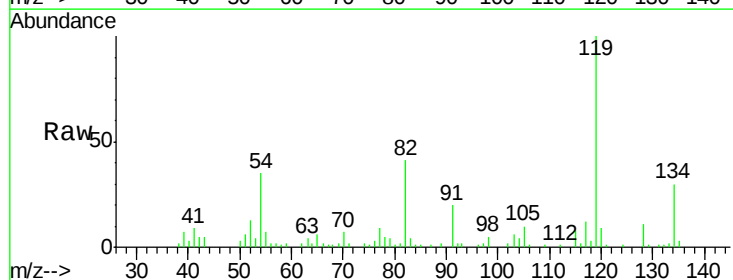
Instrument :
 BNA_F
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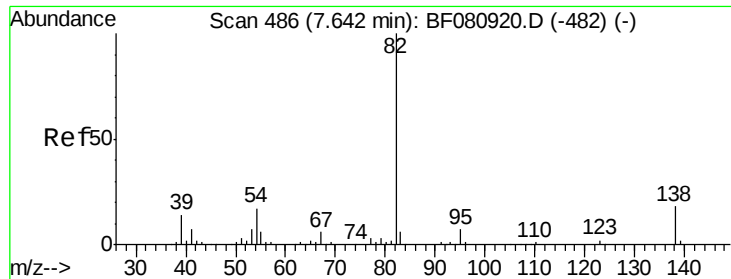
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.3	34.1	51.1
54	65.3	46.5	69.7



#24
 Nitrobenzene
 Concen: 3.08 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.09 min
 Lab File: BF080990.D
 Acq: 13 Aug 2015 20:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	28.7	43.1#
65	63.1	12.5	18.7#





#25

Isophorone

Concen: 63.91 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.32 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

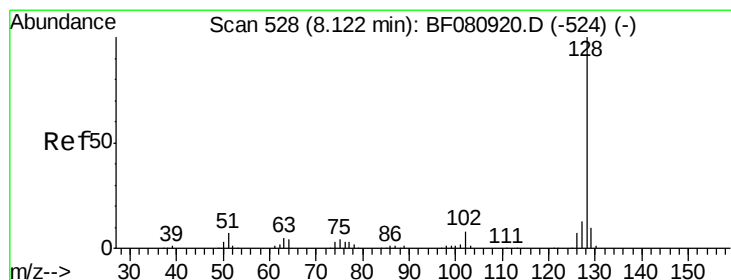
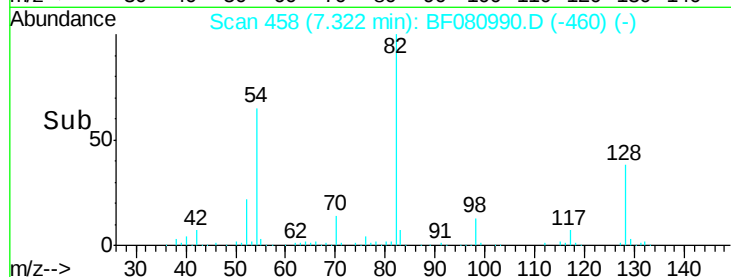
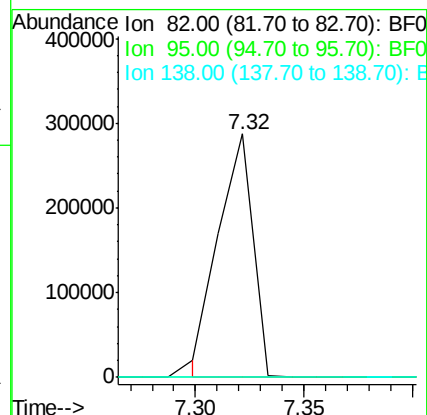
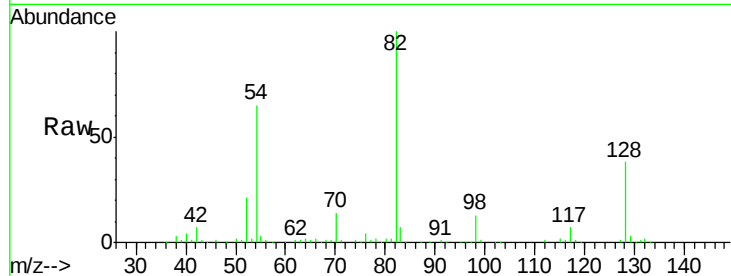
Tot Ion: 82 Resp: 315682

Ion Ratio Lower Upper

82 100

95 0.1 5.8 8.6#

138 0.0 14.1 21.1#



#31

Naphthalene

Concen: 16.44 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.07 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

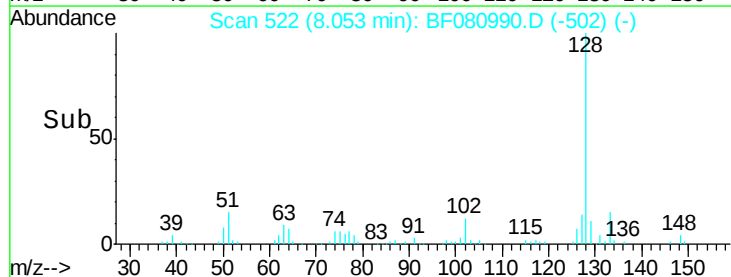
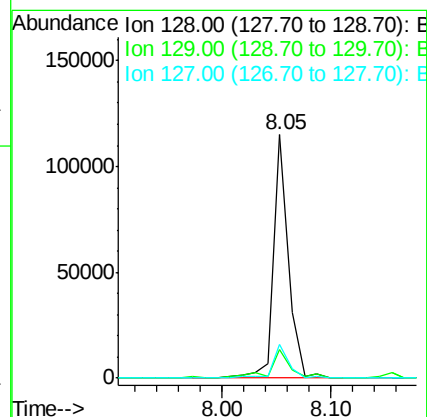
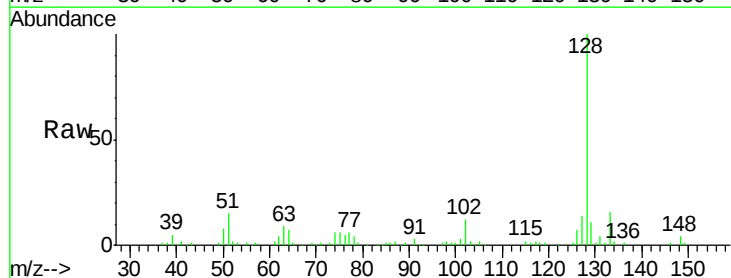
Tgt Ion: 128 Resp: 110107

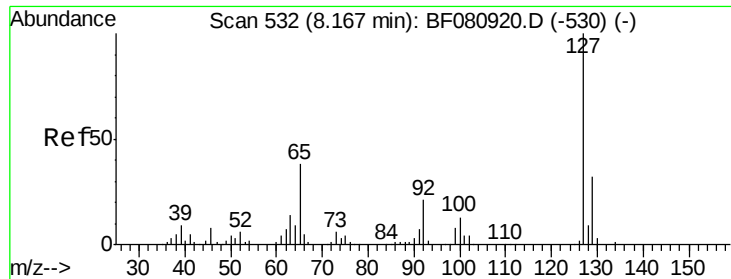
Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

127 13.6 10.5 15.7

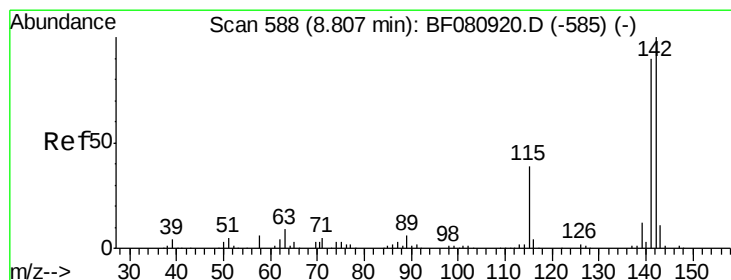
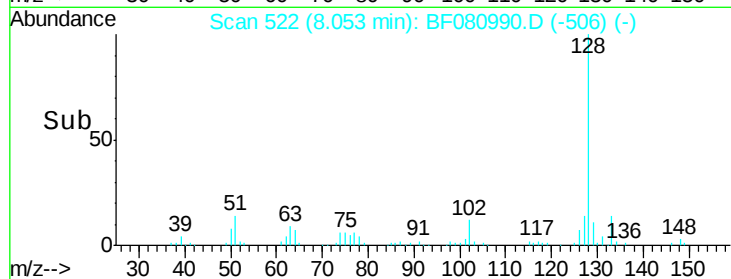
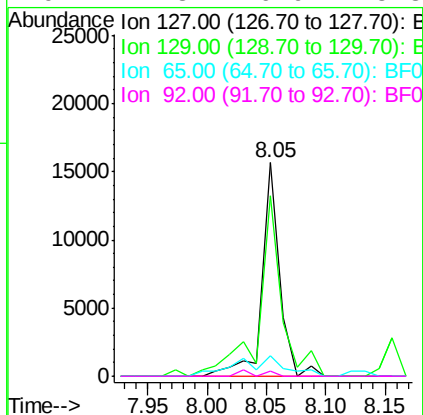
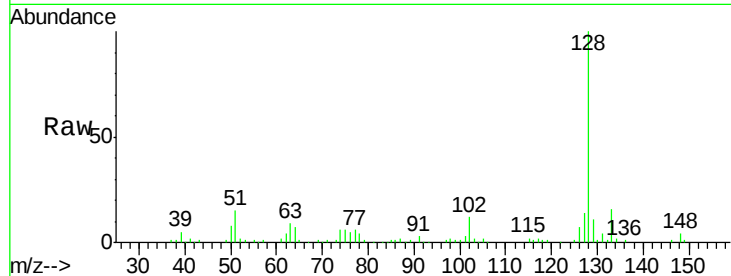




#33
4-Chloroaniline
Concen: 5.99 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.11 min
Lab File: BF080990.D
Acq: 13 Aug 2015 20:09

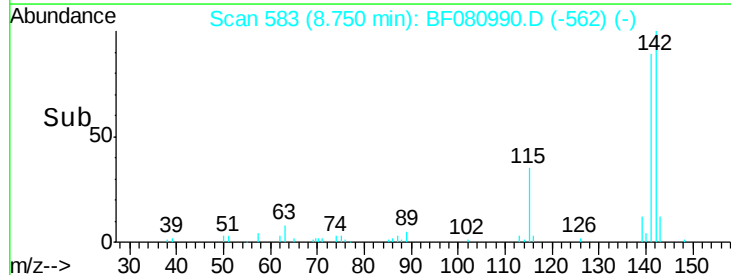
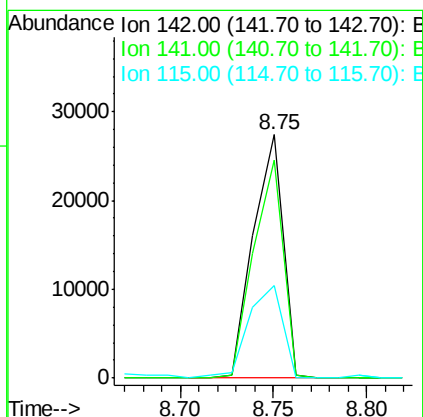
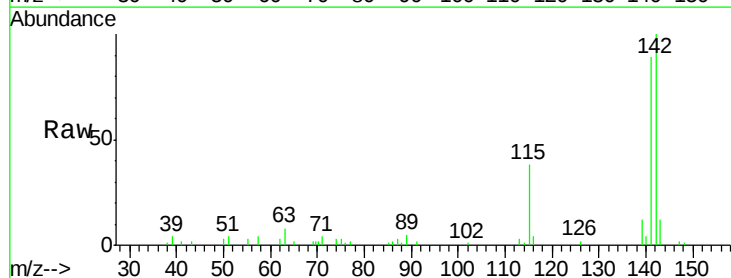
Instrument :
BNA_F
ClientSampleId :
TEC-COMP16

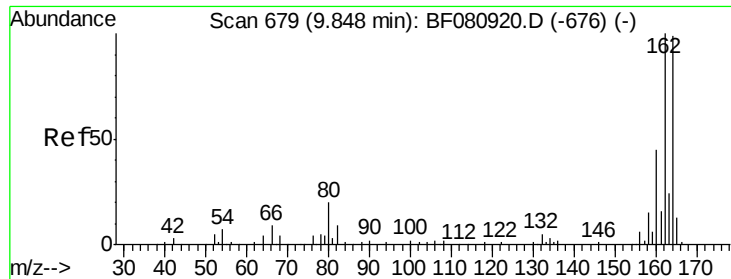
Tot Ion:127	Resp:	16309
Ion Ratio	Lower	Upper
127	100	
129	84.4	25.9 38.9#
65	9.7	30.6 45.8#
92	2.3	16.9 25.3#



#37
2-Methylnaphthalene
Concen: 7.13 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.06 min
Lab File: BF080990.D
Acq: 13 Aug 2015 20:09

Tgt Ion:142	Resp:	30381
Ion Ratio	Lower	Upper
142	100	
141	89.4	71.7 107.5
115	38.1	30.9 46.3

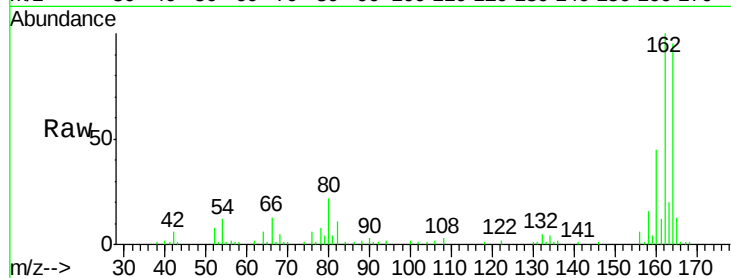




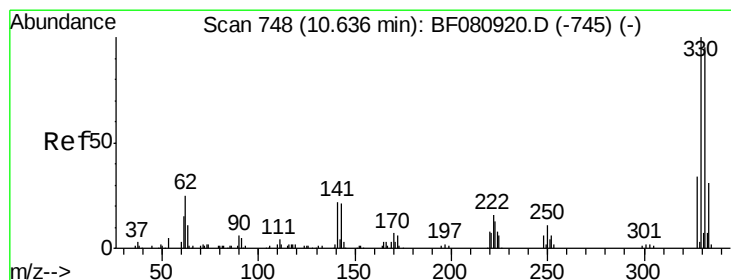
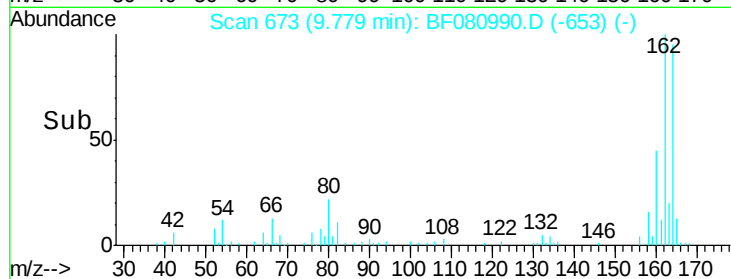
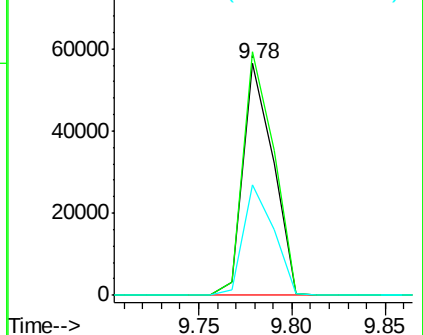
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.07 min
 Lab File: BF080990.D
 Acq: 13 Aug 2015 20:09

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP16

Tot Ion:164 Resp: 63124
 Ion Ratio Lower Upper
 164 100
 162 105.0 80.5 120.7
 160 47.7 36.6 54.8

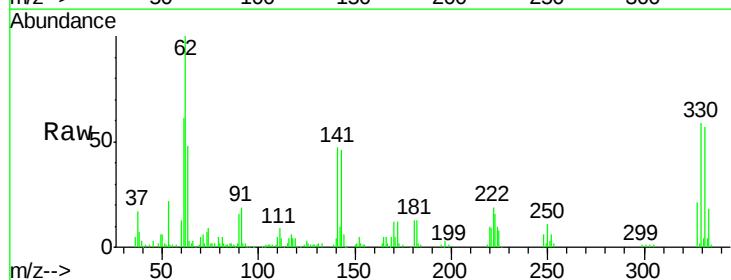


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

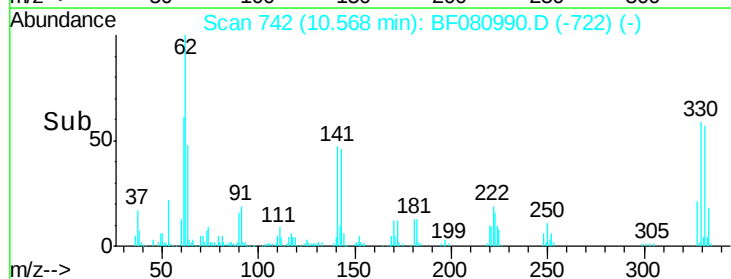
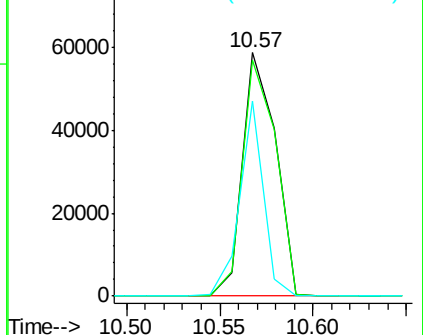


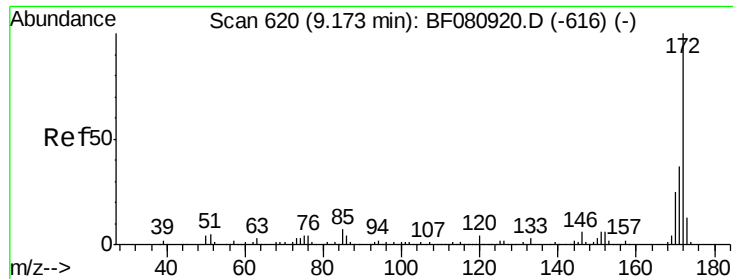
#41
 2,4,6-Tribromophenol
 Concen: 104.41 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.07 min
 Lab File: BF080990.D
 Acq: 13 Aug 2015 20:09

Tgt Ion:330 Resp: 72407
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.2 114.4
 141 57.8 27.8 41.8#



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

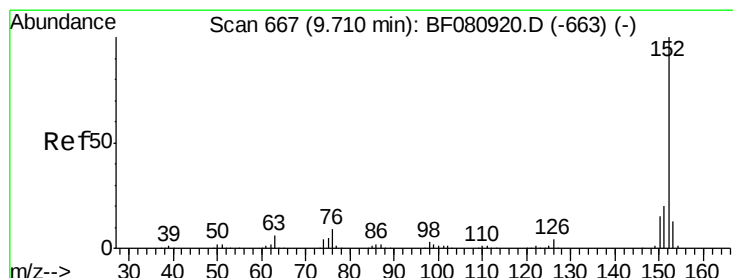
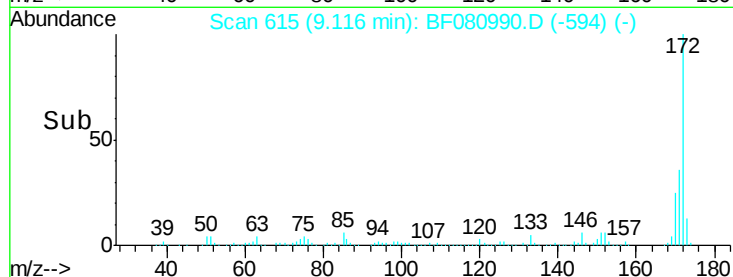
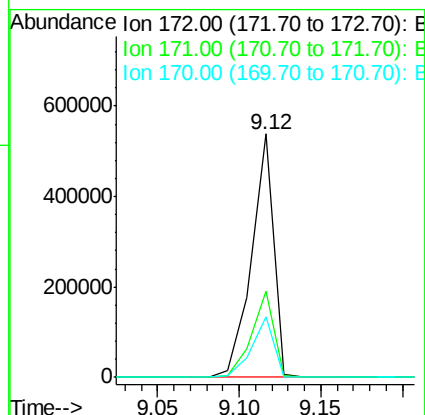
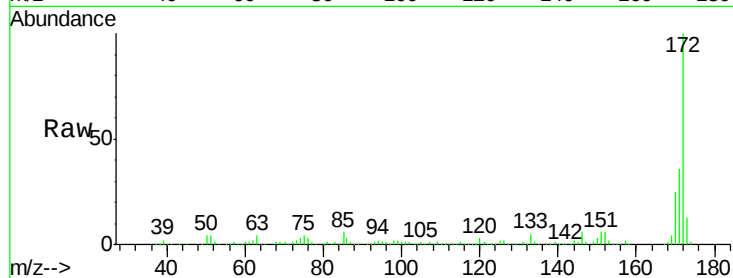




#44
 2-Fluorobiphenyl
 Concen: 112.63 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF080990.D
 Acq: 13 Aug 2015 20:09

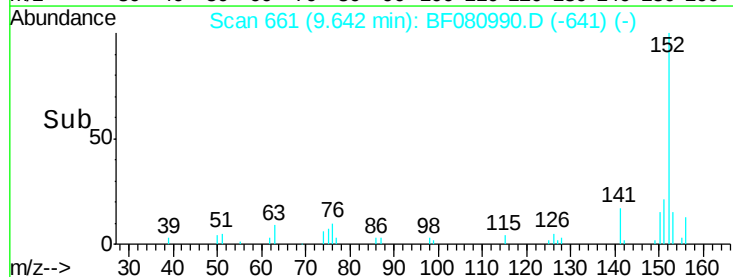
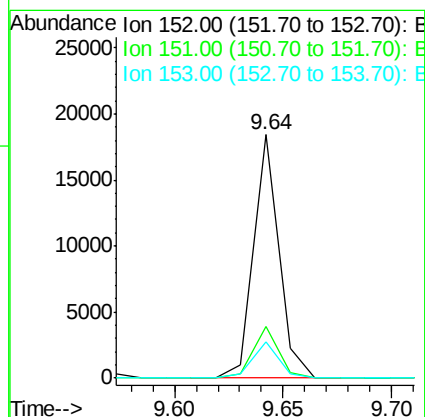
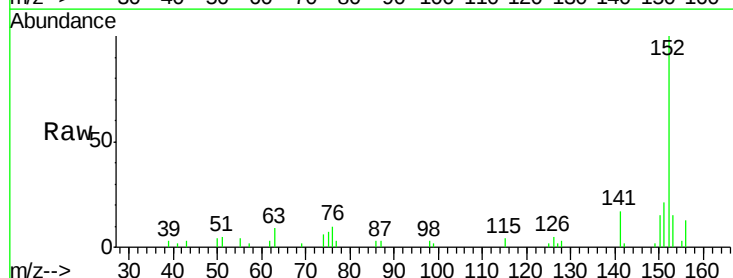
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP16

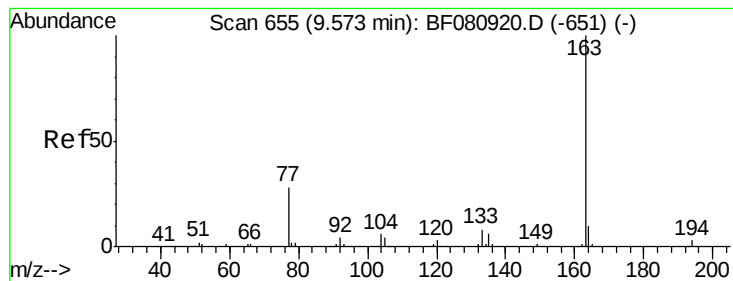
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.8	19.7	29.5



#48
 Acenaphthylene
 Concen: 2.02 ng
 RT: 9.64 min Scan# 661
 Delta R.T. -0.07 min
 Lab File: BF080990.D
 Acq: 13 Aug 2015 20:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	14.8	10.5	15.7





#49

Dimethylphthalate

Concen: 19.68 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.07 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

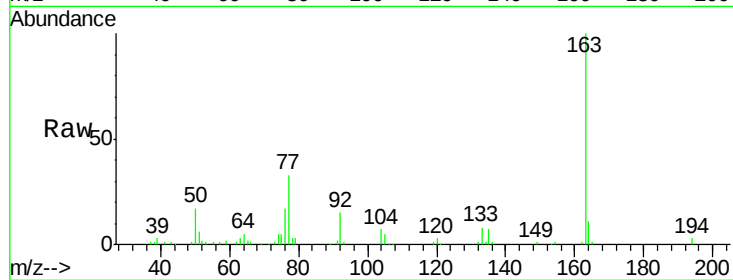
Tot Ion:163 Resp: 103190

Ion Ratio Lower Upper

163 100

194 3.1 2.4 3.6

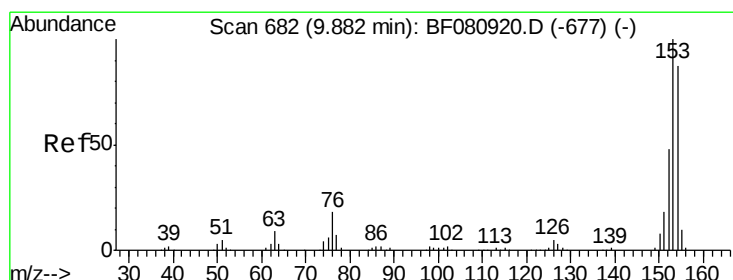
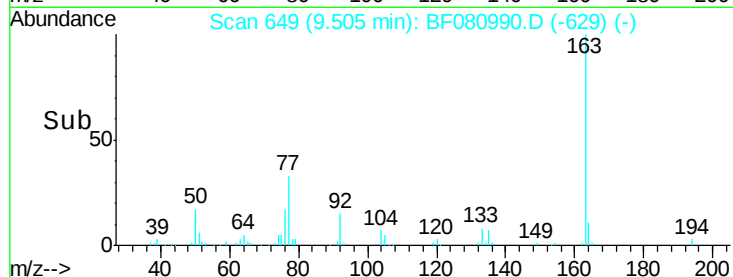
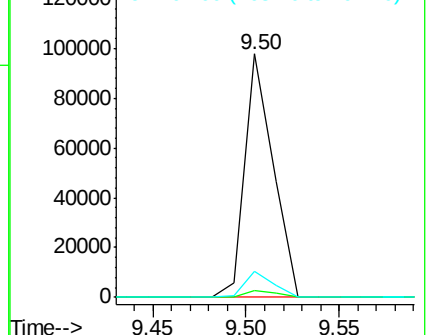
164 10.6 8.2 12.4



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



#51

Acenaphthene

Concen: 15.64 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.07 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

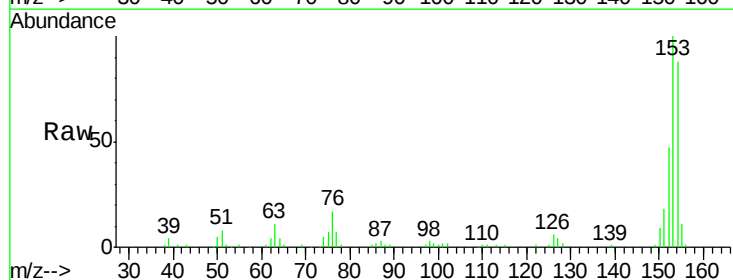
Tgt Ion:154 Resp: 70347

Ion Ratio Lower Upper

154 100

153 113.6 91.4 137.2

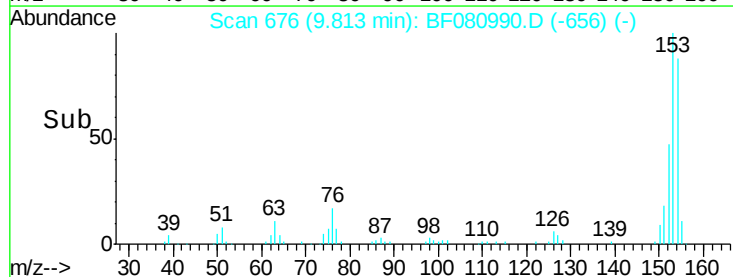
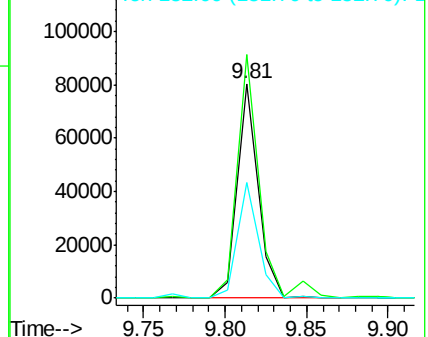
152 53.7 44.2 66.4

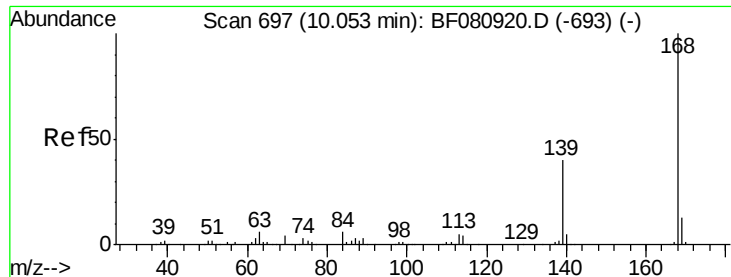


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

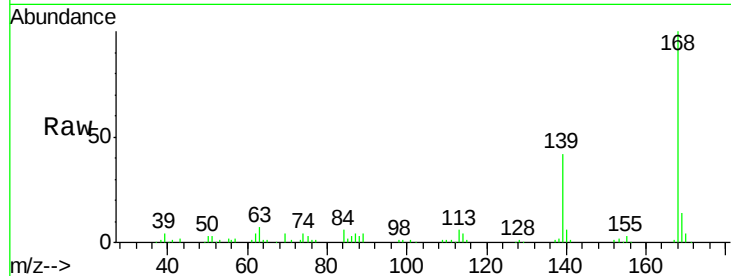




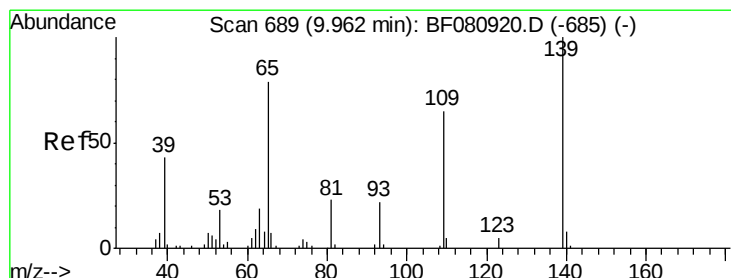
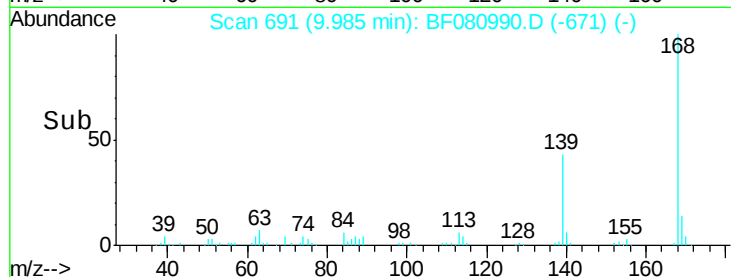
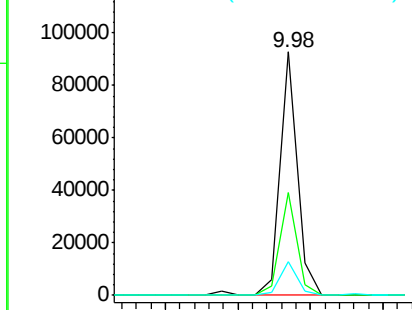
#54
Dibenzofuran
Concen: 12.81 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.07 min
Lab File: BF080990.D
Acq: 13 Aug 2015 20:09

Instrument :
BNA_F
ClientSampleId :
TEC-COMP16

Tot Ion:168 Resp: 77893
Ion Ratio Lower Upper
168 100
139 42.3 31.9 47.9
169 13.7 10.6 15.8

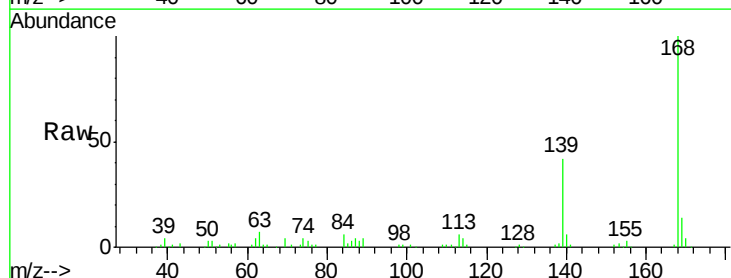


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

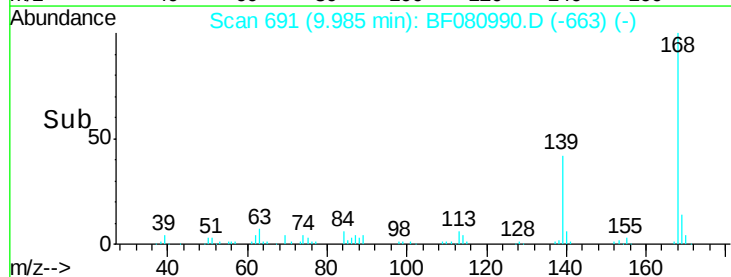
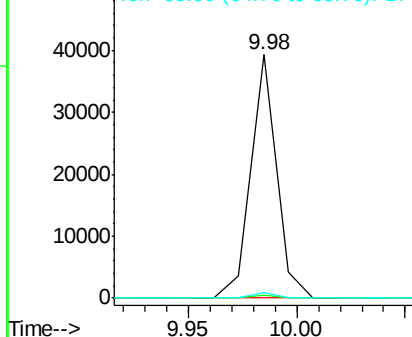


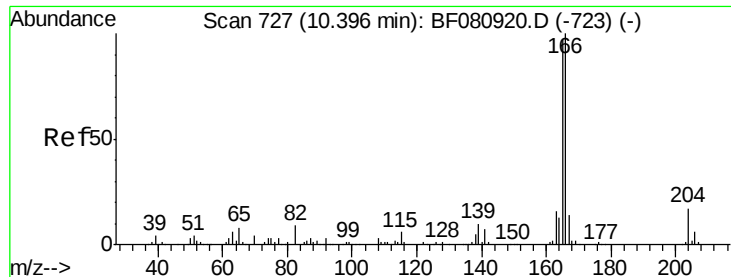
#55
4-Nitrophenol
Concen: 32.26 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.02 min
Lab File: BF080990.D
Acq: 13 Aug 2015 20:09

Tgt Ion:139 Resp: 32248
Ion Ratio Lower Upper
139 100
109 1.2 44.7 84.7#
65 2.2 59.5 99.5#



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





#57

Fluorene

Concen: 20.21 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.07 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

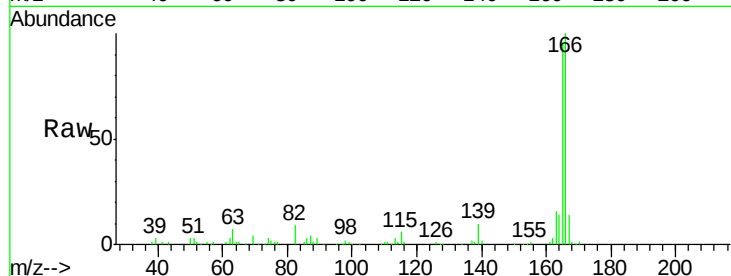
Tot Ion:166 Resp: 95066

Ion Ratio Lower Upper

166 100

165 96.3 77.2 115.8

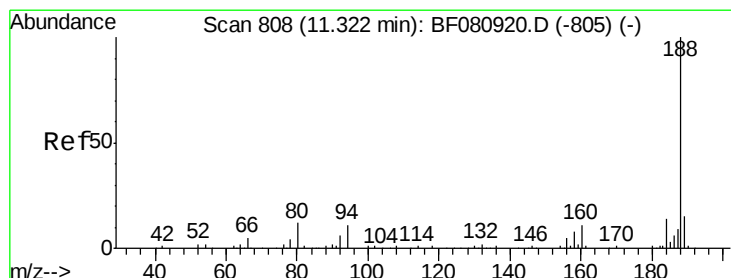
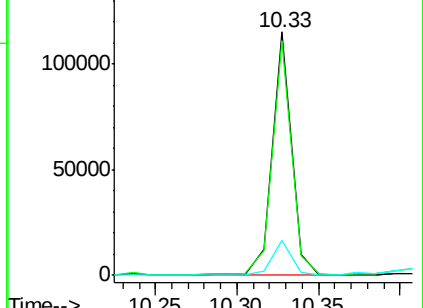
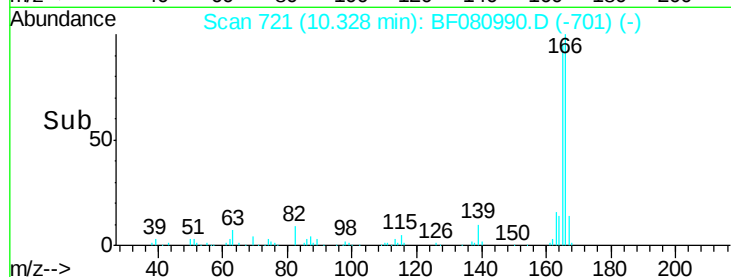
167 14.2 10.8 16.2



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.06 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

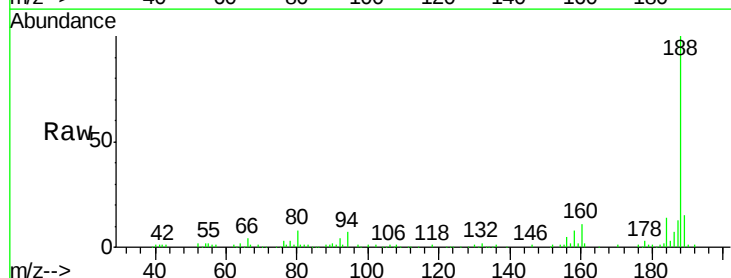
Tgt Ion:188 Resp: 109027

Ion Ratio Lower Upper

188 100

94 7.4 8.8 13.2#

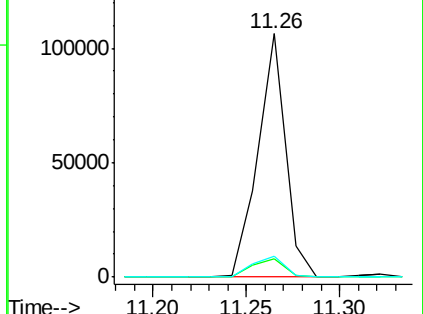
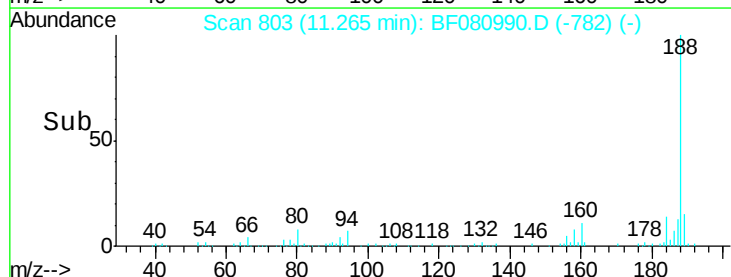
80 8.4 9.5 14.3#

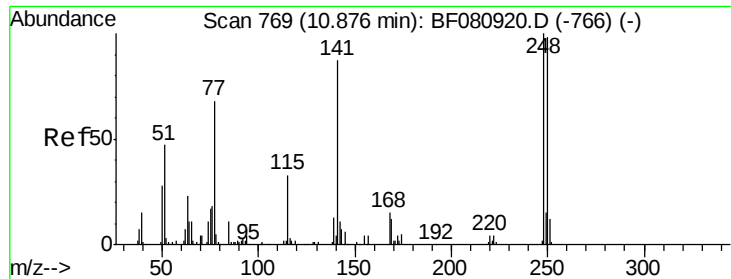


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.03 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.31 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

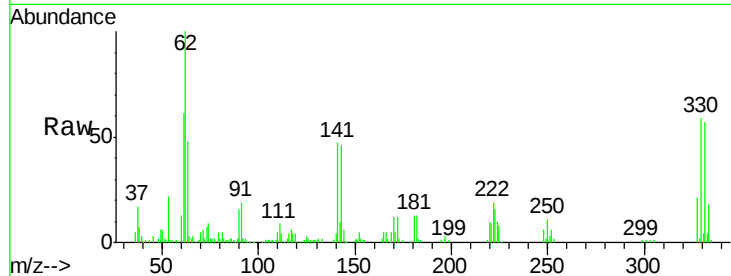
Tot Ion:248 Resp: 5810

Ion Ratio Lower Upper

248 100

250 183.1 78.1 117.1#

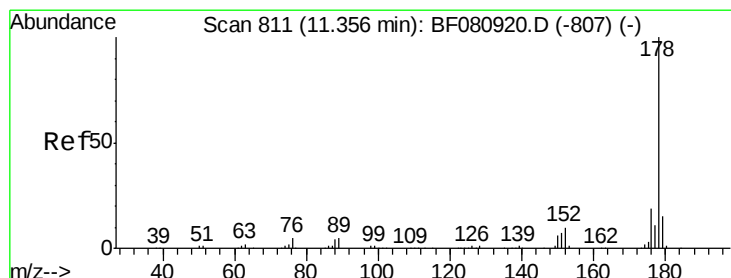
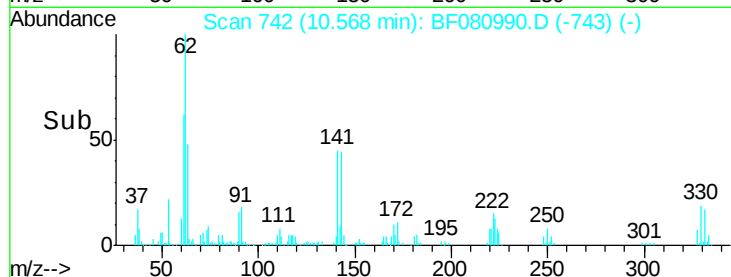
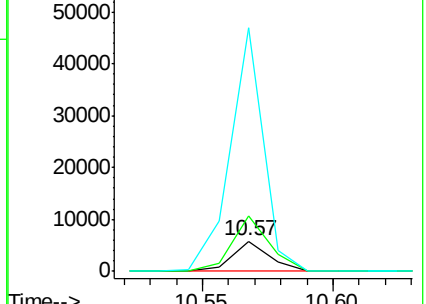
141 803.3 69.6 104.4#



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



#70

Phenanthrene

Concen: 103.65 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.07 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

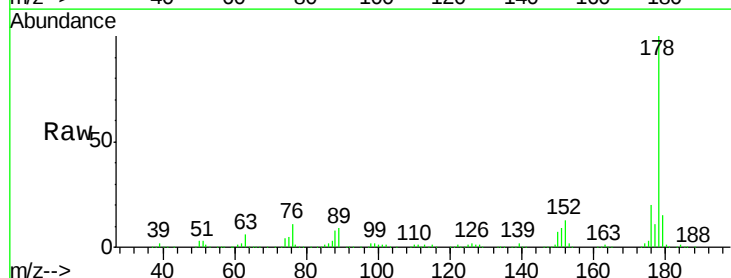
Tgt Ion:178 Resp: 639891

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

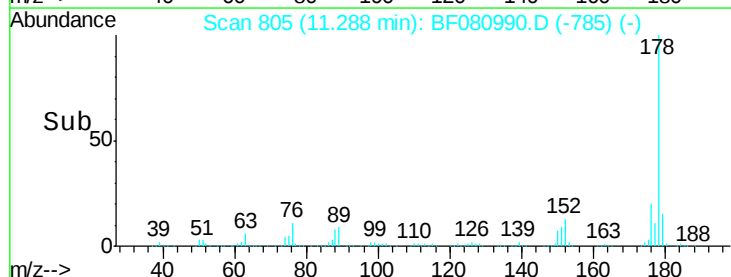
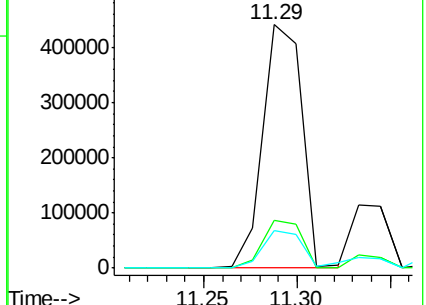
179 15.5 11.9 17.9

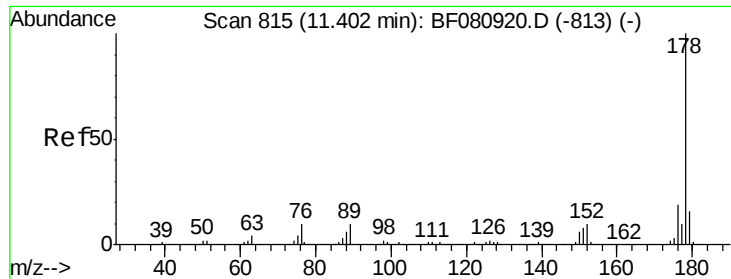


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

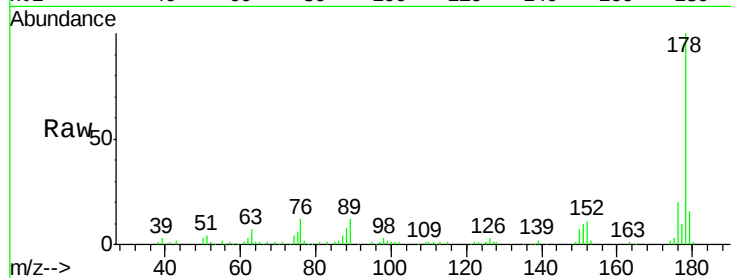




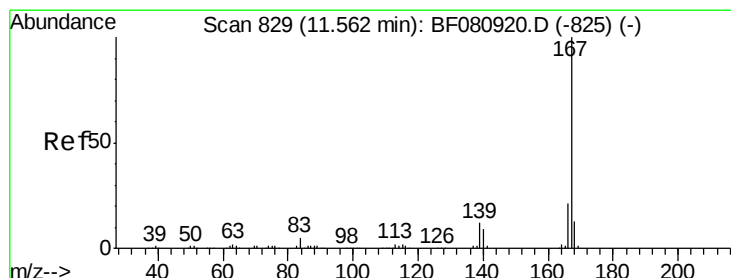
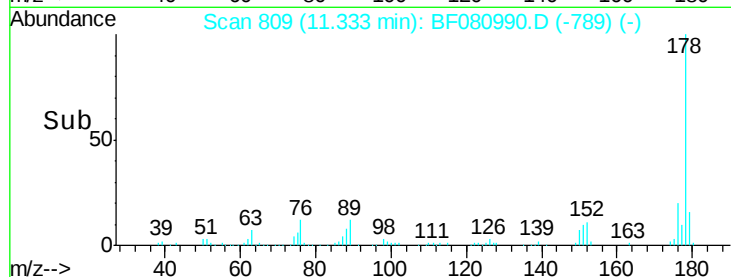
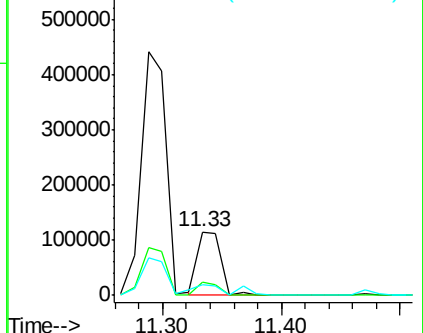
#71
 Anthracene
 Concen: 26.54 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BF080990.D
 Acq: 13 Aug 2015 20:09

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP16

Tot Ion:178 Resp: 162199
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.5 23.3
 179 16.5 12.6 18.8

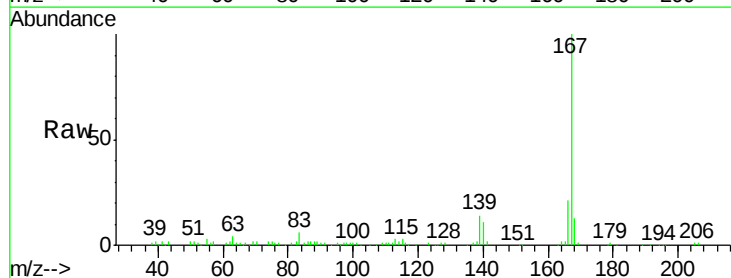


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

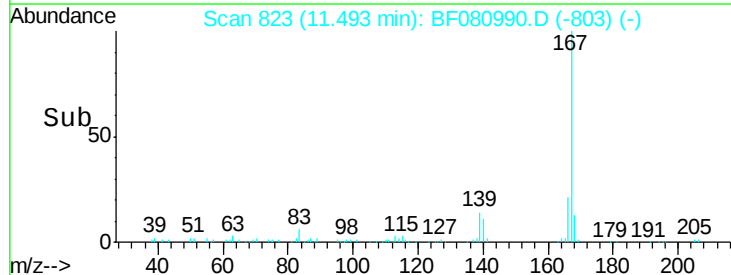
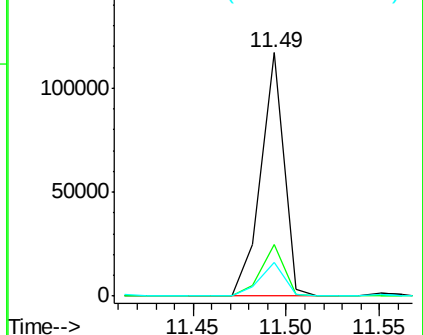


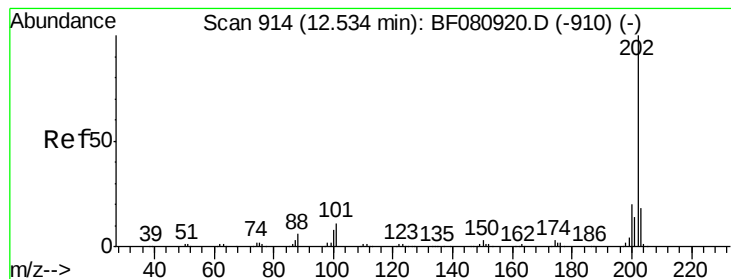
#72
 Carbazole
 Concen: 16.82 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.07 min
 Lab File: BF080990.D
 Acq: 13 Aug 2015 20:09

Tgt Ion:167 Resp: 100079
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.1 25.7
 139 13.9 9.2 13.8#



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: 97.97 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.06 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

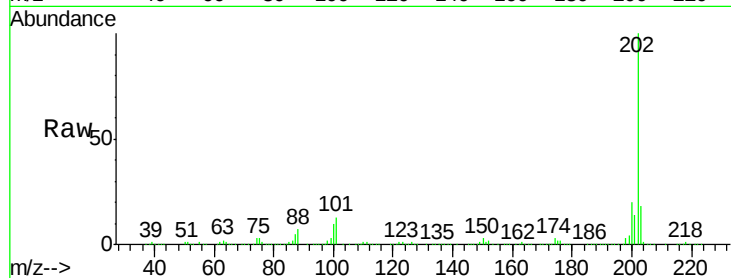
Tot Ion:202 Resp: 653829

Ion Ratio Lower Upper

202 100

101 12.9 0.0 30.5

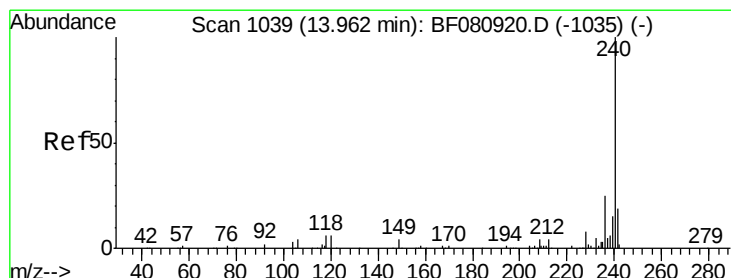
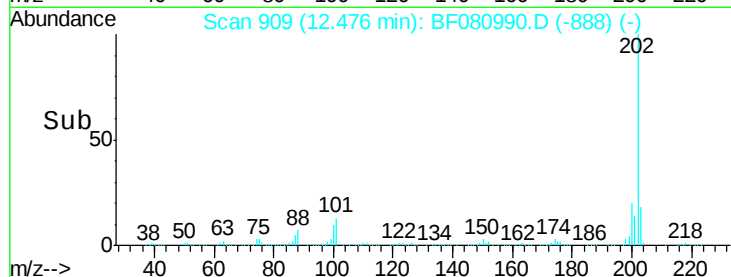
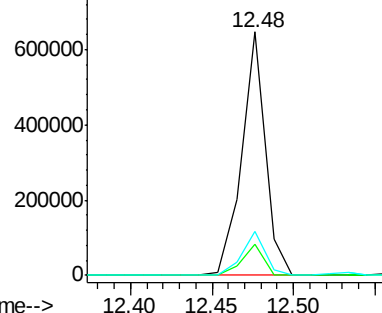
203 17.8 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

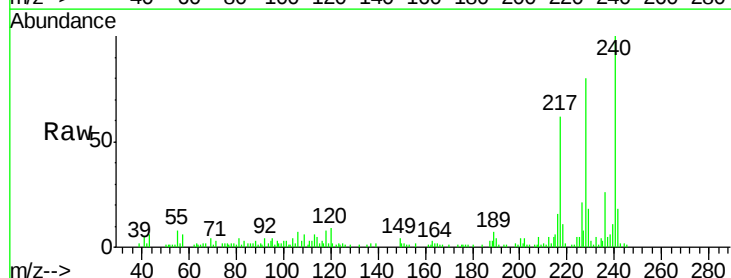
Tgt Ion:240 Resp: 35331

Ion Ratio Lower Upper

240 100

120 9.1 5.2 7.8#

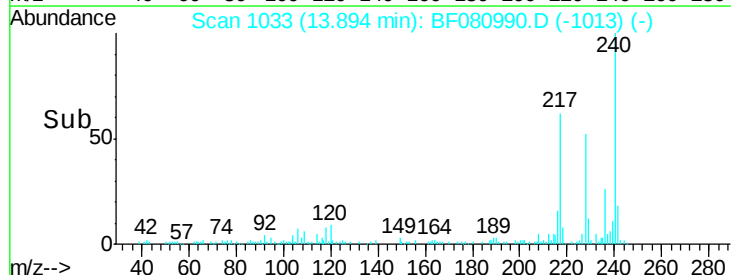
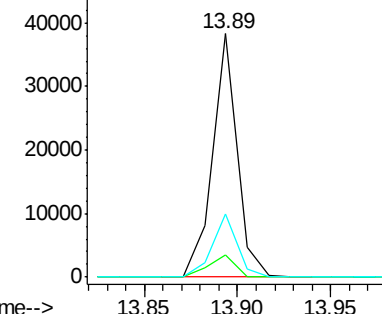
236 25.7 20.2 30.4

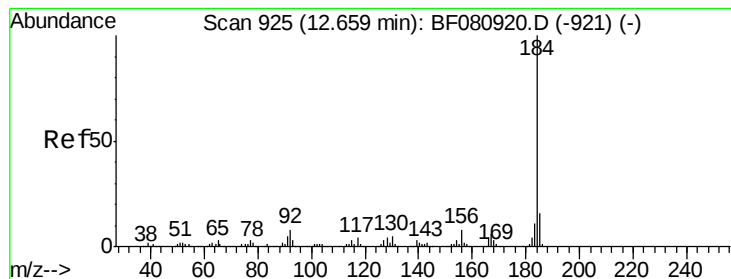


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 4.46 ng

RT: 12.84 min Scan# 941

Delta R.T. 0.18 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

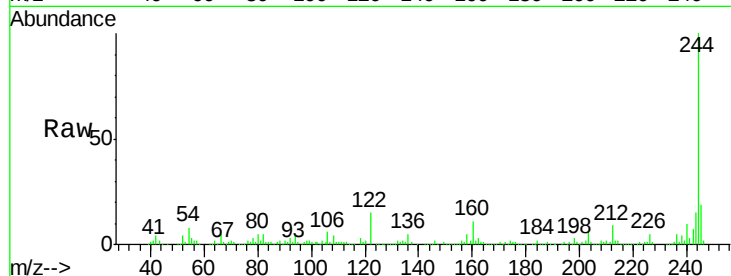
Tot Ion:184 Resp: 5184

Ion Ratio Lower Upper

184 100

185 19.4 13.0 19.4

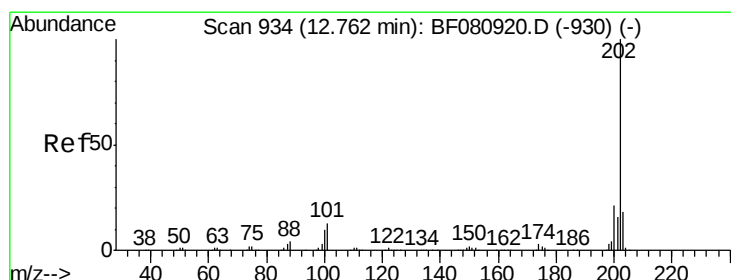
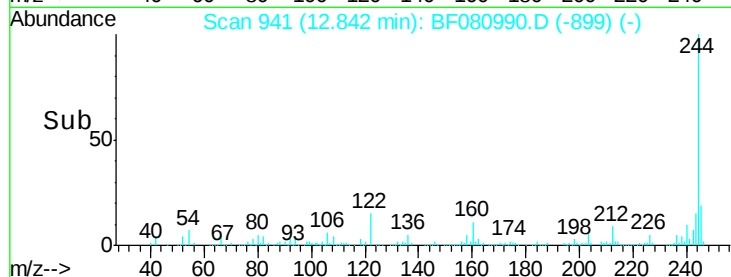
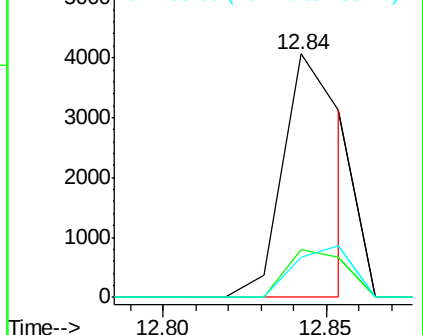
183 16.6 8.7 13.1#



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: 217.15 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.06 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

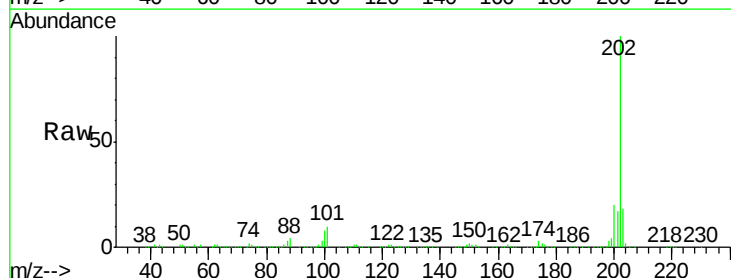
Tgt Ion:202 Resp: 566776

Ion Ratio Lower Upper

202 100

200 20.4 16.6 24.8

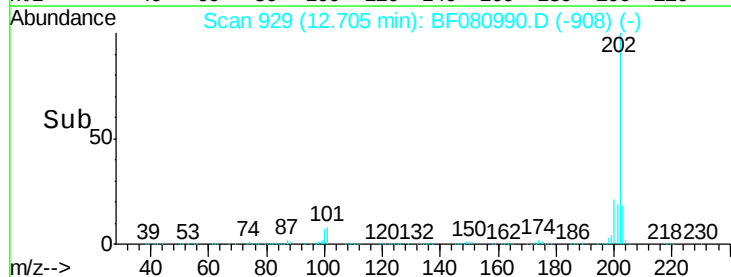
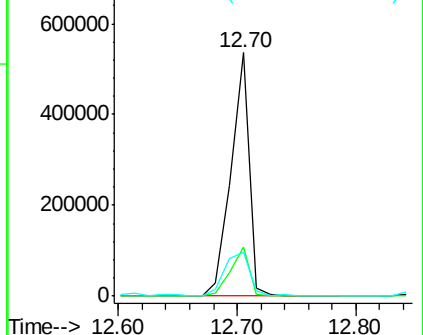
203 17.9 14.2 21.2

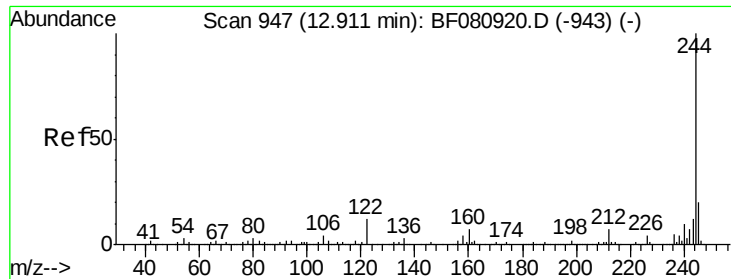


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

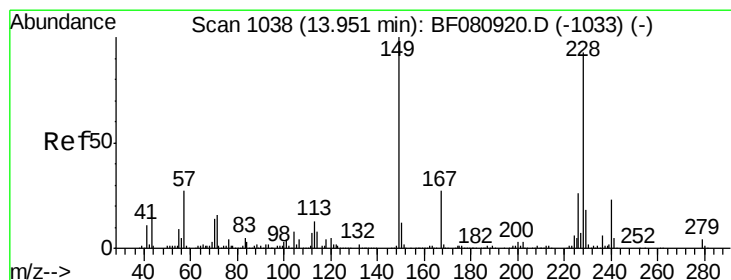
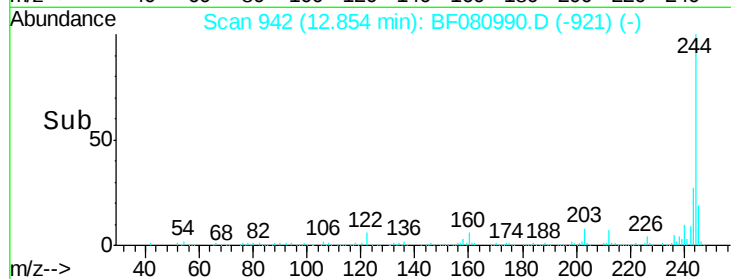
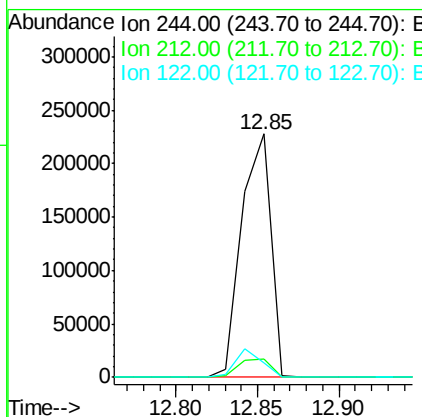
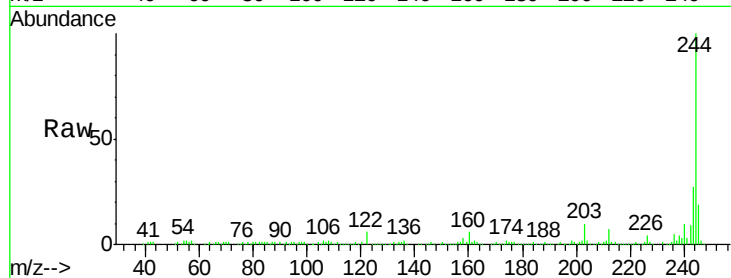




#78
 Terphenyl-d14
 Concen: 165.54 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.06 min
 Lab File: BF080990.D
 Acq: 13 Aug 2015 20:09

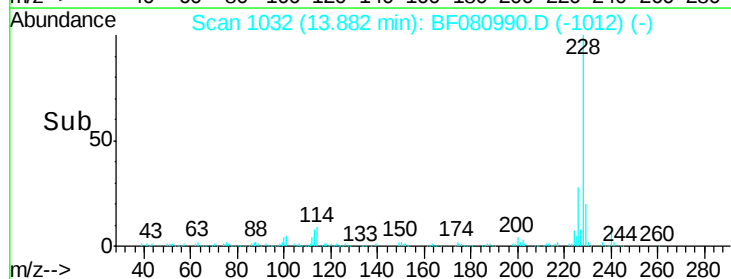
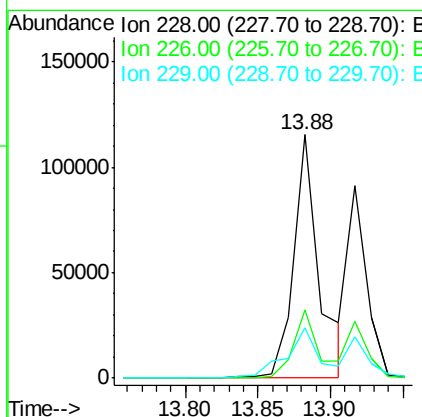
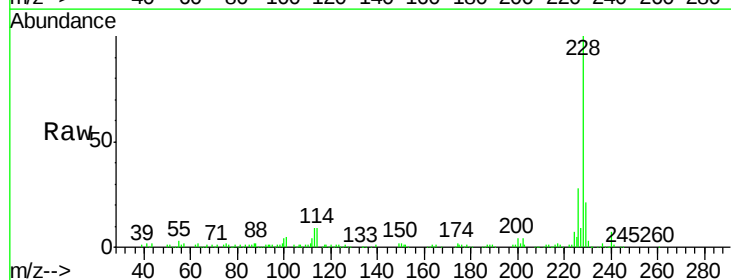
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP16

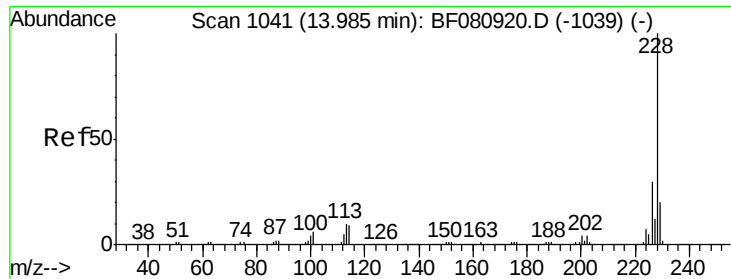
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	6.0	9.4	14.2#



#80
 Benzo(a)anthracene
 Concen: 62.92 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.07 min
 Lab File: BF080990.D
 Acq: 13 Aug 2015 20:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.2
229	20.5	15.8	23.6





#82

Chrysene

Concen: 39.33 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.07 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

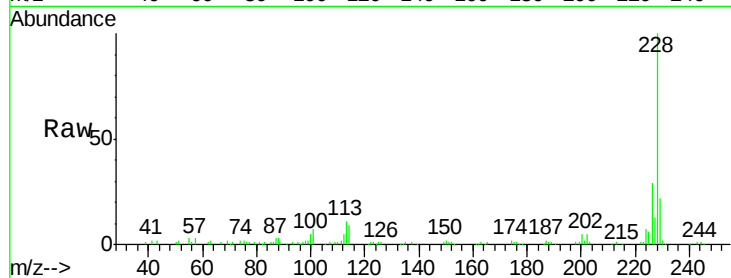
Tot Ion:228 Resp: 84041

Ion Ratio Lower Upper

228 100

226 29.3 23.9 35.9

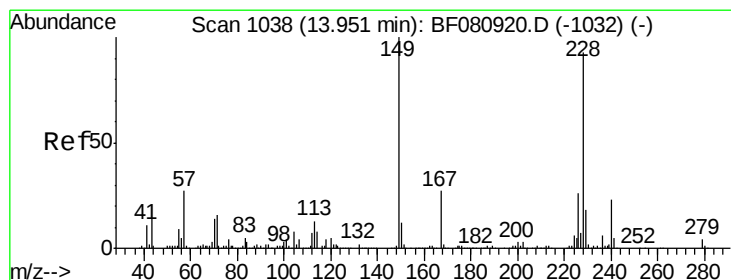
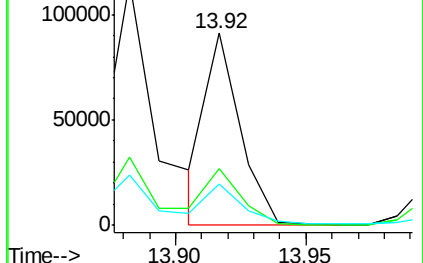
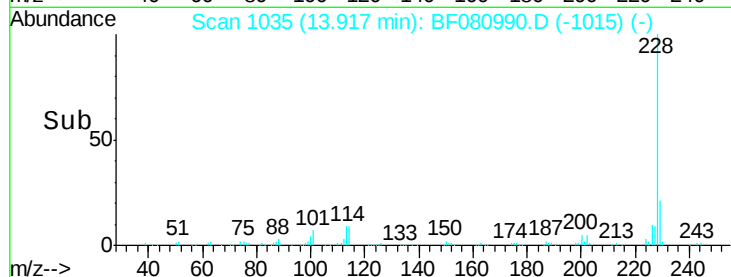
229 21.7 15.8 23.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.99 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.07 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

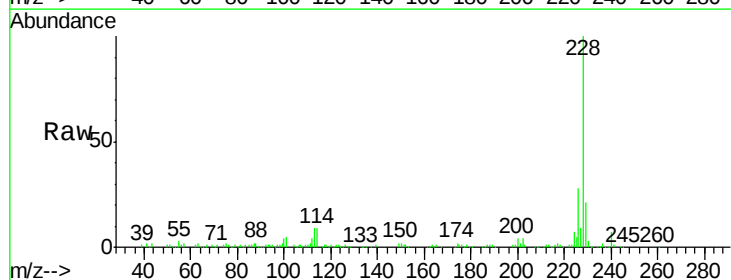
Tgt Ion:149 Resp: 5229

Ion Ratio Lower Upper

149 100

167 19.2 21.4 32.0#

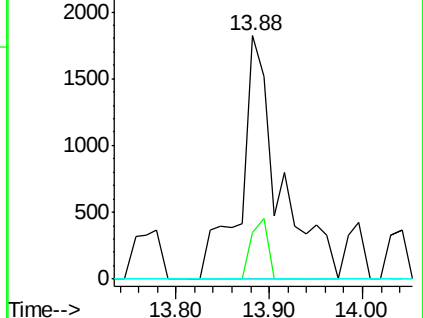
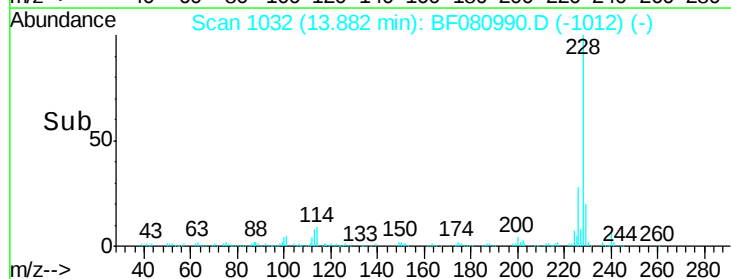
279 0.0 2.9 4.3#

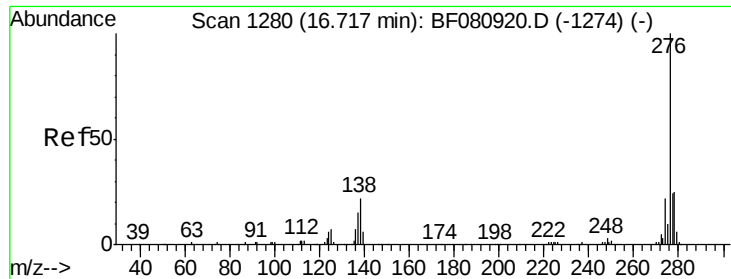


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

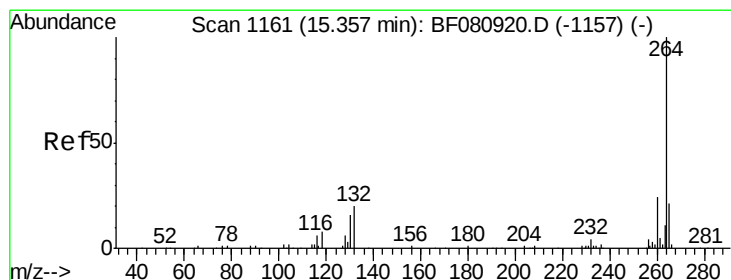
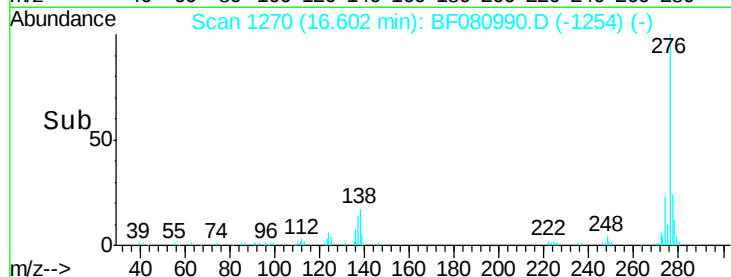
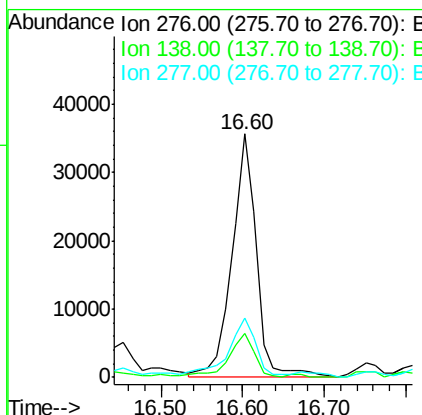
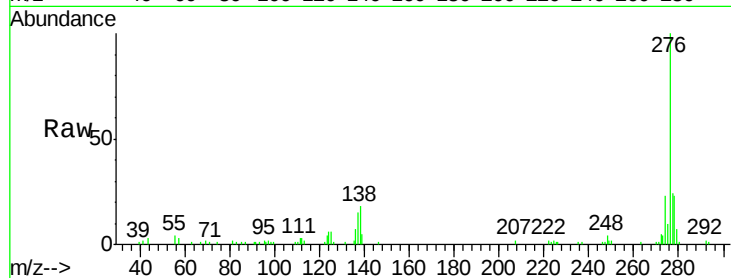




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.57 ng
 RT: 16.60 min Scan# 1270
 Delta R.T. -0.11 min
 Lab File: BF080990.D
 Acq: 13 Aug 2015 20:09

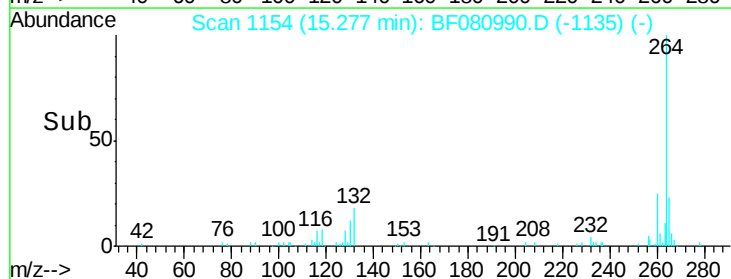
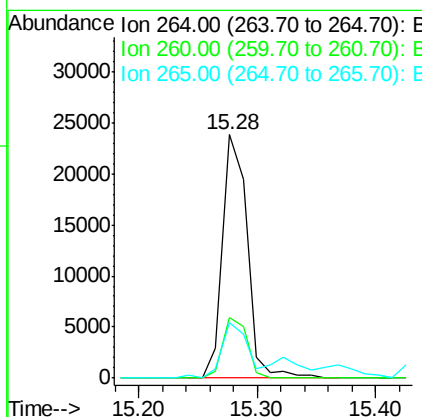
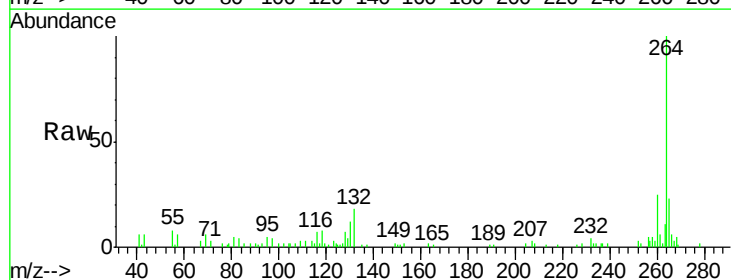
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP16

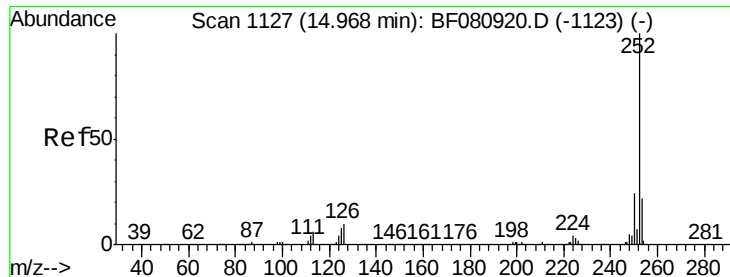
Tot Ion:276 Resp: 74363
 Ion Ratio Lower Upper
 276 100
 138 19.0 19.9 29.9#
 277 28.2 19.7 29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. -0.08 min
 Lab File: BF080990.D
 Acq: 13 Aug 2015 20:09

Tgt Ion:264 Resp: 34286
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.0
 265 23.0 17.0 25.4





#87

Benzo(b)fluoranthene

Concen: 83.11 ng

RT: 14.90 min Scan# 1121

Delta R.T. -0.07 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

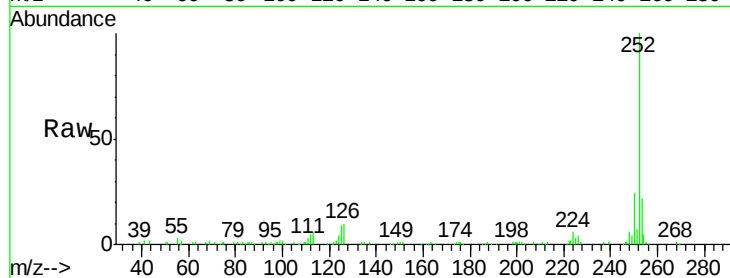
Tot Ion:252 Resp: 198149

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

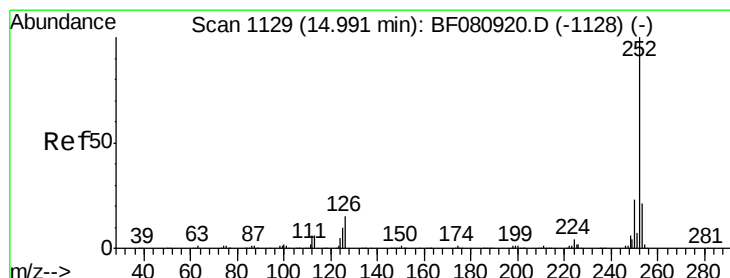
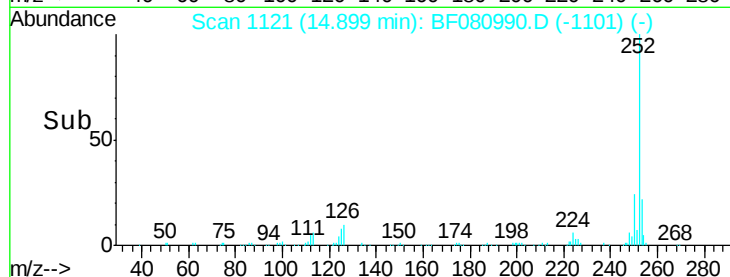
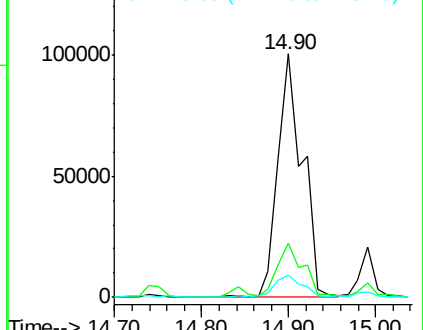
125 8.9 6.1 9.1



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: 95.00 ng

RT: 14.90 min Scan# 1121

Delta R.T. -0.09 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

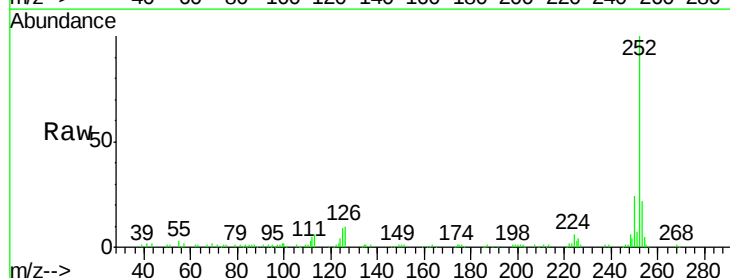
Tgt Ion:252 Resp: 198149

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

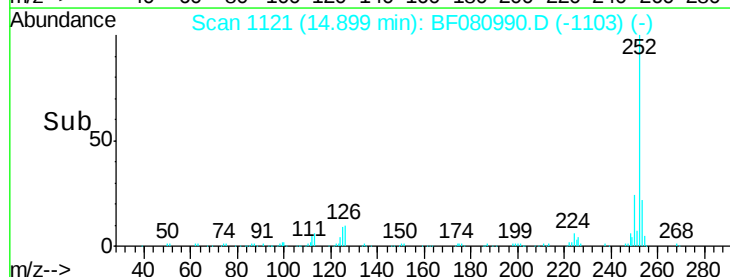
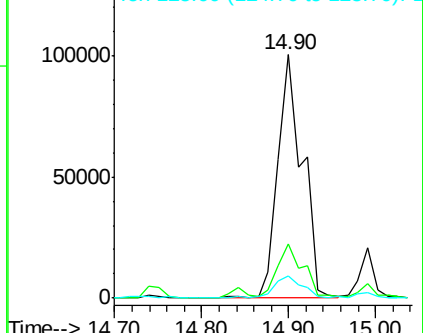
125 8.9 9.0 13.6#

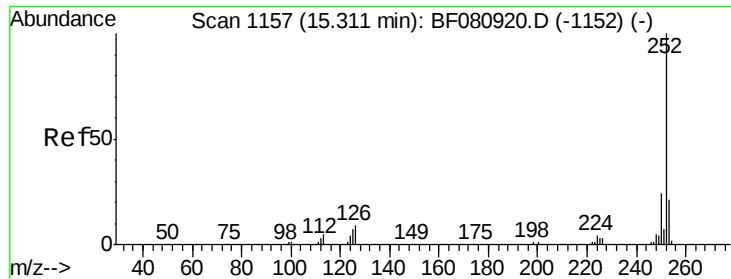


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

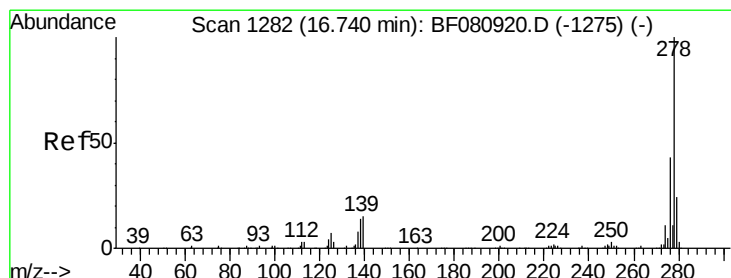
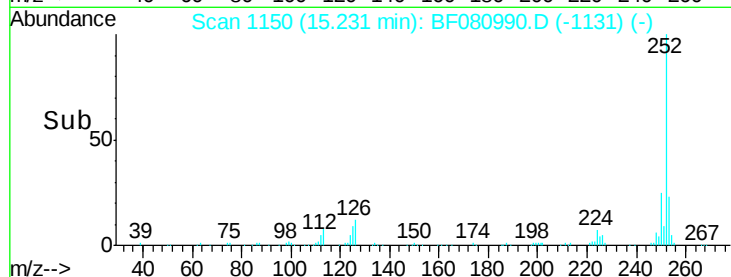
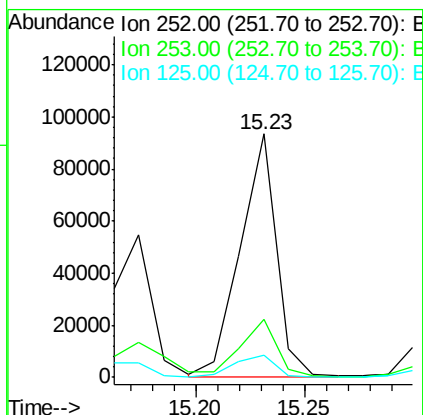
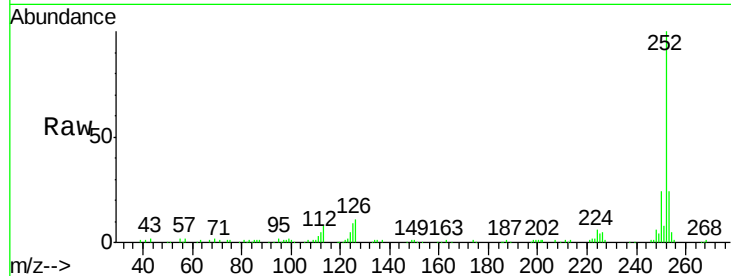




#89
Benzo(a)pyrene
Concen: 53.20 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.08 min
Lab File: BF080990.D
Acq: 13 Aug 2015 20:09

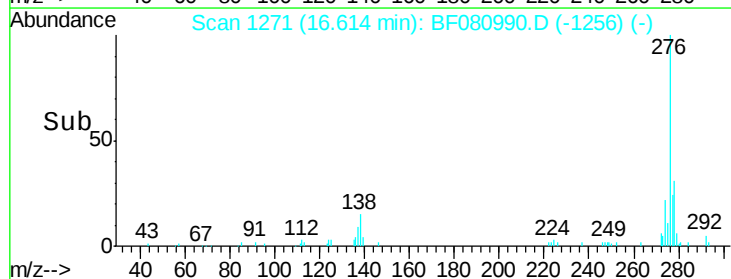
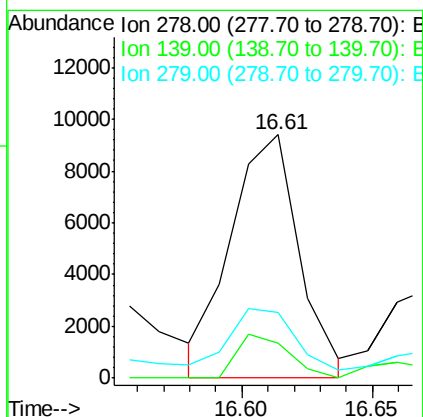
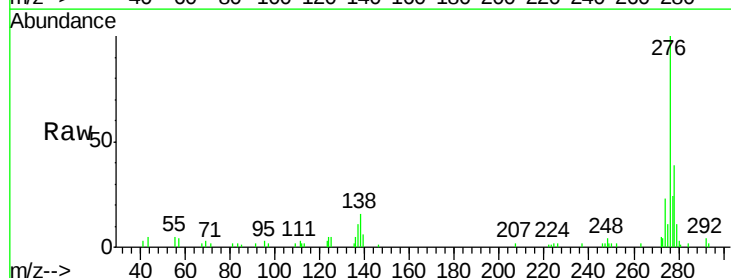
Instrument :
BNA_F
ClientSampleId :
TEC-COMP16

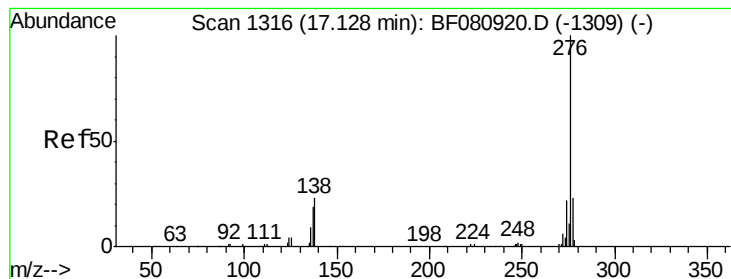
Tot Ion:252 Resp: 109019
Ion Ratio Lower Upper
252 100
253 23.7 16.9 25.3
125 9.1 5.8 8.8#



#90
Dibenzo(a,h)anthracene
Concen: 9.51 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.13 min
Lab File: BF080990.D
Acq: 13 Aug 2015 20:09

Tgt Ion:278 Resp: 17230
Ion Ratio Lower Upper
278 100
139 14.3 11.9 17.9
279 27.2 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 33.86 ng

RT: 17.00 min Scan# 1305

Delta R.T. -0.13 min

Lab File: BF080990.D

Acq: 13 Aug 2015 20:09

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

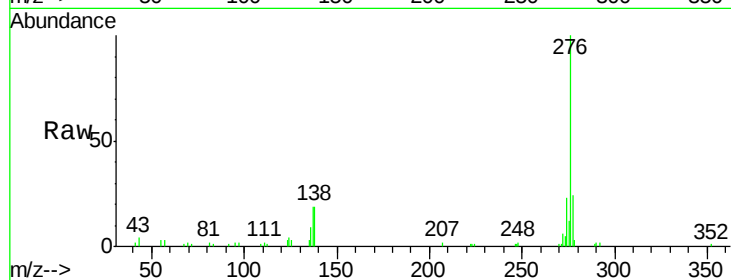
Tot Ion:276 Resp: 59683

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 18.9 18.4 27.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

