

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
 Data File : BF081037.D
 Acq On : 18 Aug 2015 8:59
 Operator : UM/IZ
 Sample : G3283-03RE
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP16

Quant Time: Aug 18 11:20:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	59098	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	227784	20.00	ng	0.01
38) Acenaphthene-d10	9.66	164	95875	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	173305	20.00	ng	0.00
75) Chrysene-d12	13.76	240	126285	20.00	ng	0.01
86) Perylene-d12	15.12	264	97136	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	583073	148.40	ng	0.03
7) Phenol-d6	6.28	99	794691	155.01	ng	0.02
23) Nitrobenzene-d5	7.20	82	436897	87.62	ng	0.01
41) 2,4,6-Tribromophenol	10.44	330	99241	119.41	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	614004	83.91	ng	0.00
78) Terphenyl-d14	12.72	244	470159	79.81	ng	0.01

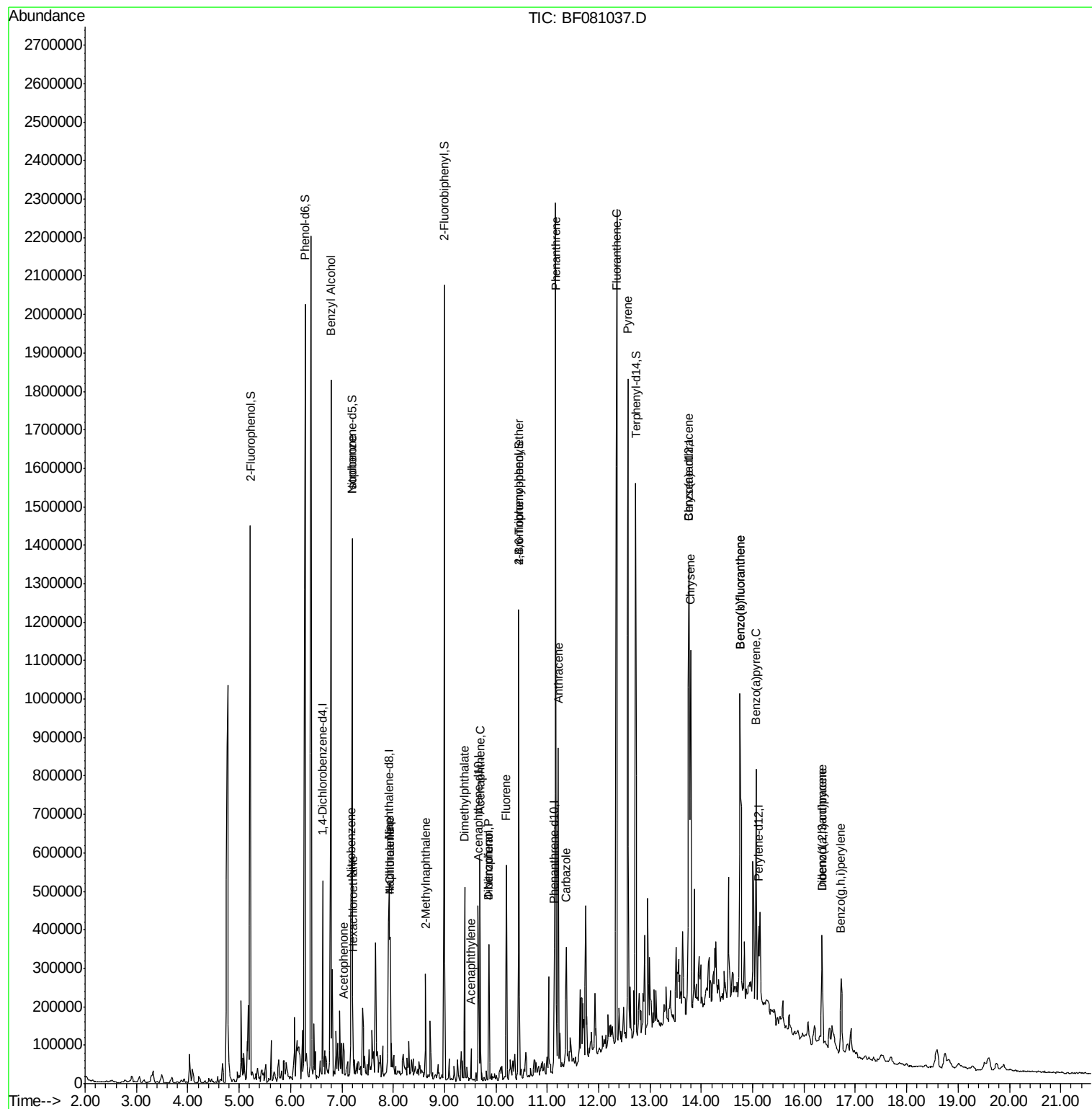
Target Compounds						Qvalue
15) Benzyl Alcohol	6.79	79	11336	2.73	ng	# 59
18) Hexachloroethane	7.21	117	55102	29.80	ng	# 19
22) Acetophenone	7.03	105	16997	2.84	ng	# 45
24) Nitrobenzene	7.18	77	15126	2.90	ng	# 16
25) Isophorone	7.20	82	320607	34.48	ng	# 71
31) Naphthalene	7.93	128	192409	15.15	ng	99
33) 4-Chloroaniline	7.93	127	27399	5.11	ng	# 31
37) 2-Methylnaphthalene	8.63	142	68104	8.49	ng	96
48) Acenaphthylene	9.52	152	26151	2.15	ng	# 97
49) Dimethylphthalate	9.39	163	186093	23.57	ng	99
51) Acenaphthene	9.69	154	110516	15.21	ng	100
54) Dibenzofuran	9.86	168	118636	12.19	ng	95
55) 4-Nitrophenol	9.86	139	46082	30.93	ng	# 1
57) Fluorene	10.20	166	143782	19.20	ng	99
66) 4-Bromophenyl-phenylether	10.44	248	7965	4.68	ng	# 1
70) Phenanthrene	11.16	178	832030	81.01	ng	99
71) Anthracene	11.21	178	282329	28.25	ng	100
72) Carbazole	11.37	167	149418	15.53	ng	97
74) Fluoranthene	12.35	202	1182200	106.67	ng	95
77) Pyrene	12.57	202	837743	81.60	ng	97
80) Benzo(a)anthracene	13.76	228	517511	61.11	ng	98
82) Chrysene	13.79	228	401625	52.62	ng	98
85) Indeno(1,2,3-cd)pyrene	16.35	276	155236	28.97	ng	93
87) Benzo(b)fluoranthene	14.75	252	582417	84.77	ng	# 95
88) Benzo(k)fluoranthene	14.75	252	582417	90.97	ng	98
89) Benzo(a)pyrene	15.06	252	287357	48.00	ng	# 90
90) Dibenzo(a,h)anthracene	16.35	278	39624	8.49	ng	# 85
91) Benzo(g,h,i)perylene	16.72	276	141350	29.87	ng	# 88

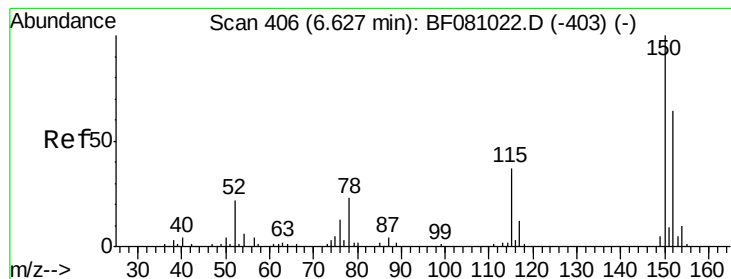
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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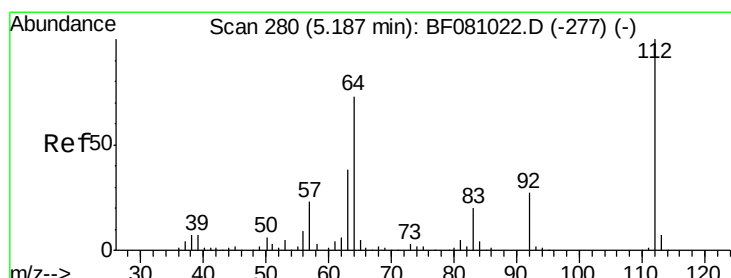
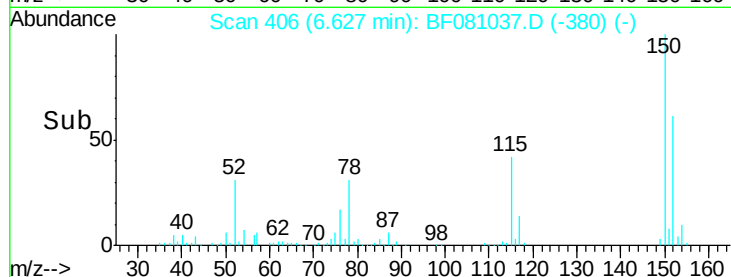
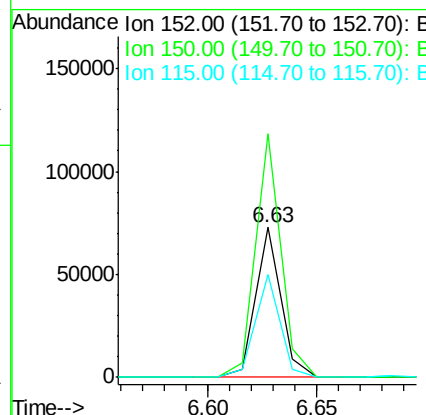
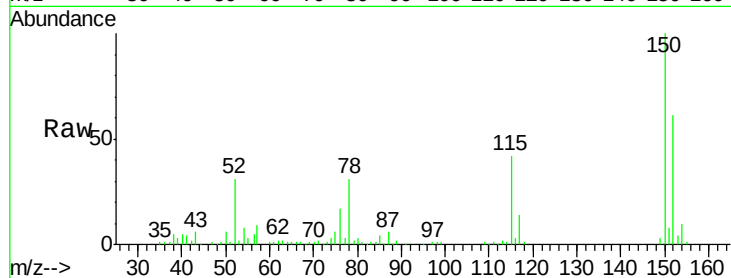




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.63 min Scan# 406
 Delta R.T. 0.00 min
 Lab File: BF081037.D
 Acq: 18 Aug 2015 8:59

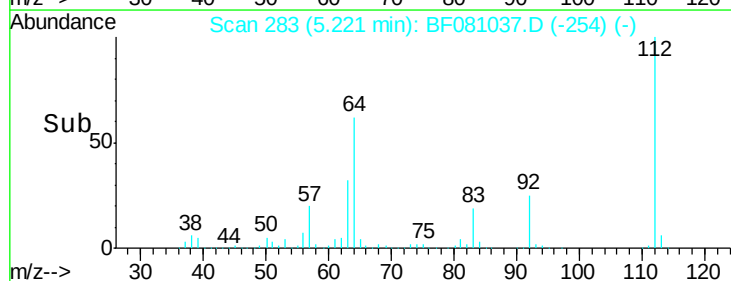
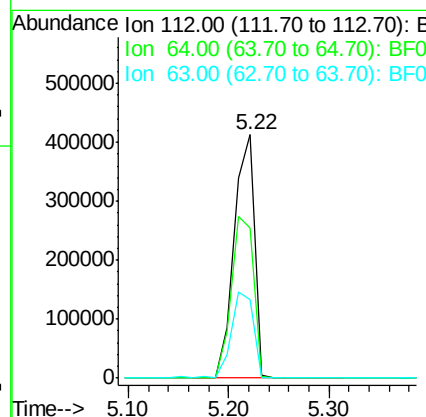
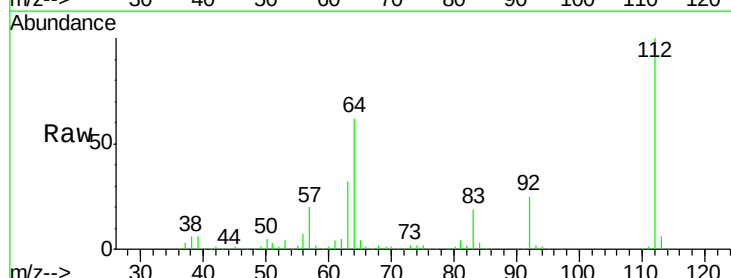
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP16

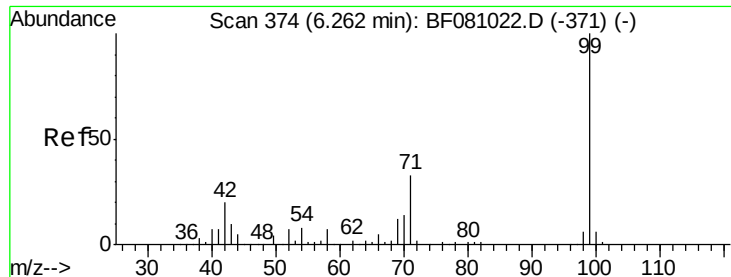
Tgt Ion:152 Resp: 59098
 Ion Ratio Lower Upper
 152 100
 150 162.7 123.8 185.6
 115 69.2 52.1 78.1



#5
 2-Fluorophenol
 Concen: 148.40 ng
 RT: 5.22 min Scan# 283
 Delta R.T. 0.03 min
 Lab File: BF081037.D
 Acq: 18 Aug 2015 8:59

Tgt Ion:112 Resp: 583073
 Ion Ratio Lower Upper
 112 100
 64 61.6 66.9 100.3#
 63 32.5 38.1 57.1#





#7

Phenol-d6

Concen: 155.01 ng

RT: 6.28 min Scan# 376

Delta R.T. 0.02 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

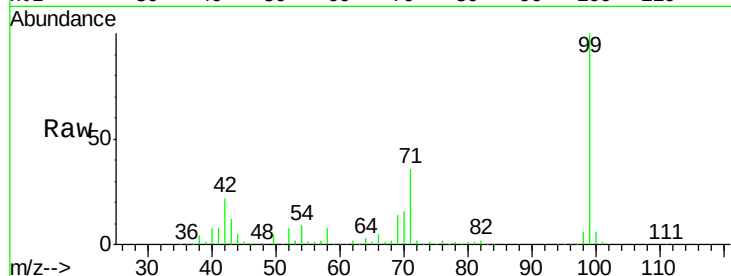
Tgt Ion: 99 Resp: 794691

Ion Ratio Lower Upper

99 100

42 22.4 19.6 29.4

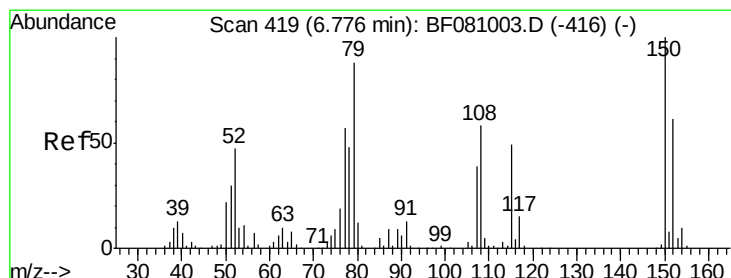
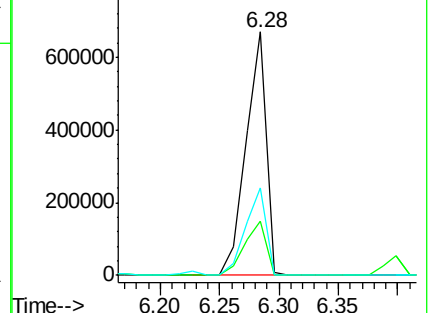
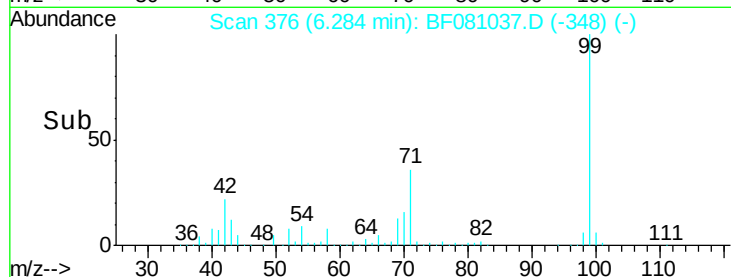
71 36.1 31.2 46.8



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



#15

Benzyl Alcohol

Concen: 2.73 ng

RT: 6.79 min Scan# 420

Delta R.T. 0.01 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

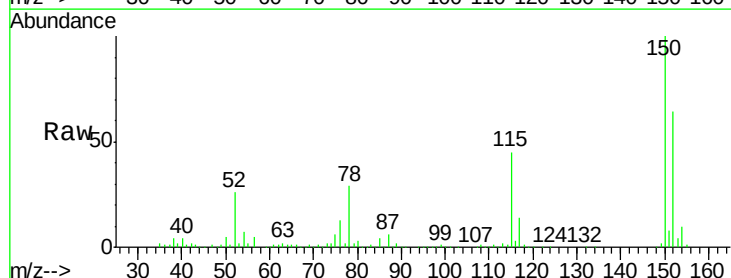
Tgt Ion: 79 Resp: 11336

Ion Ratio Lower Upper

79 100

108 28.9 49.4 74.2#

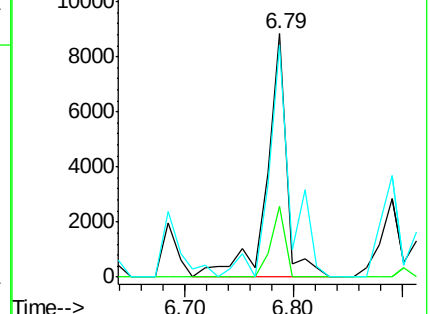
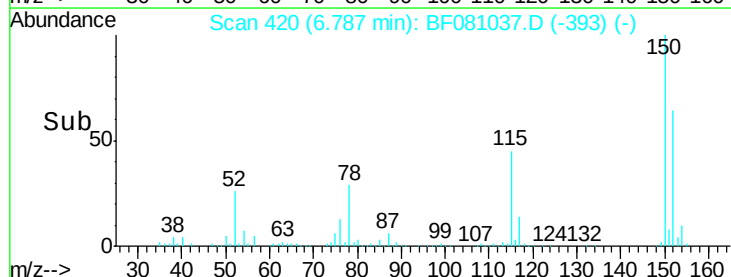
77 95.4 51.4 77.0#

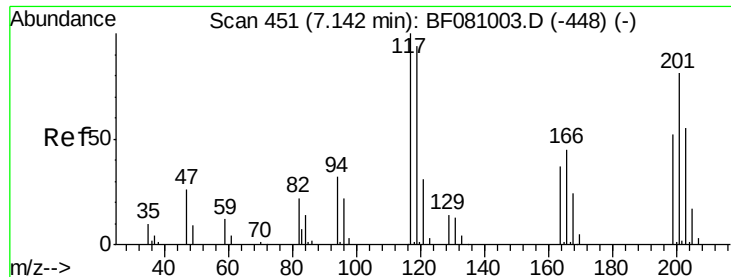


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

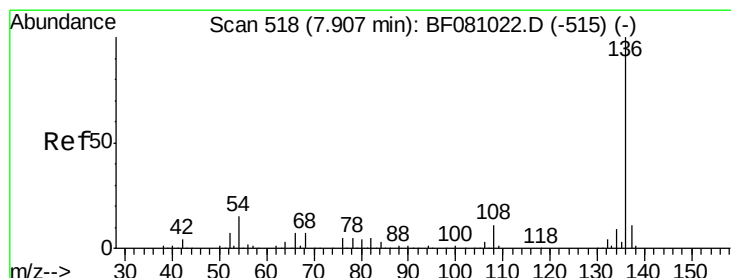
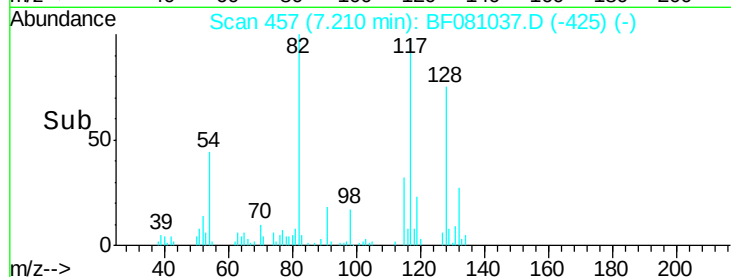
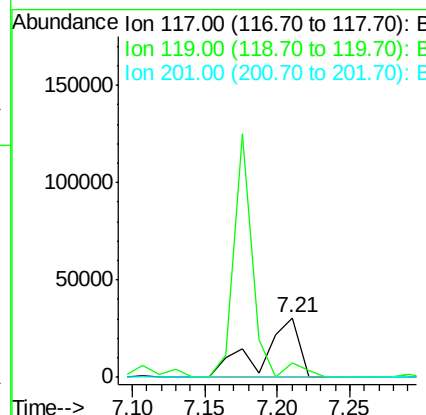
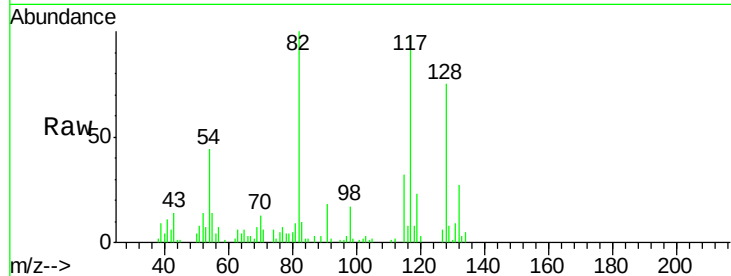




#18
Hexachloroethane
Concen: 29.80 ng
RT: 7.21 min Scan# 457
Delta R.T. 0.07 min
Lab File: BF081037.D
Acq: 18 Aug 2015 8:59

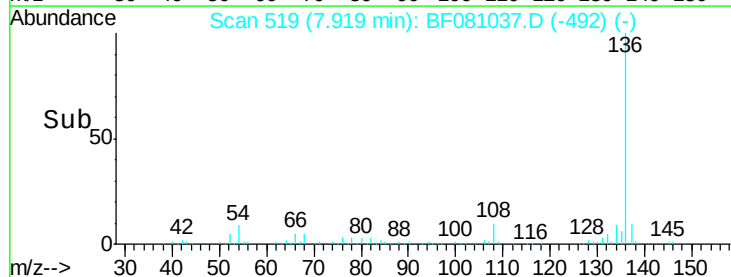
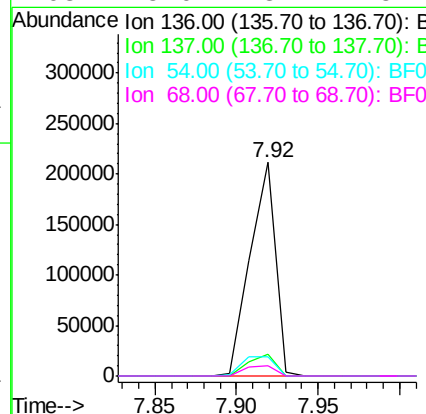
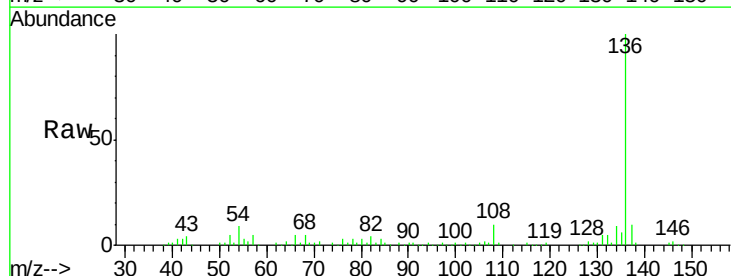
Instrument :
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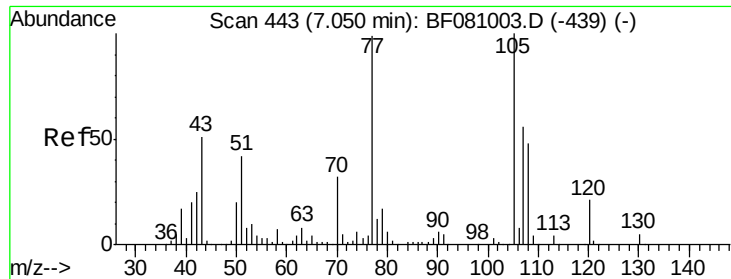
Tgt Ion:117 Resp: 55102
Ion Ratio Lower Upper
117 100
119 23.6 77.9 116.9#
201 0.0 61.3 91.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 519
Delta R.T. 0.01 min
Lab File: BF081037.D
Acq: 18 Aug 2015 8:59

Tgt Ion:136 Resp: 227784
Ion Ratio Lower Upper
136 100
137 10.3 8.2 12.2
54 8.8 7.7 11.5
68 5.0 3.4 5.2





#22

Acetophenone

Concen: 2.84 ng

RT: 7.03 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

Tgt Ion: 105 Resp: 16997

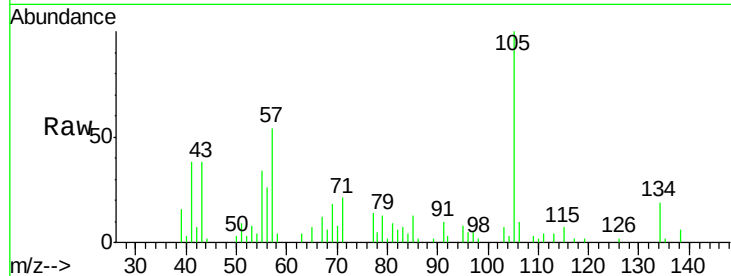
Ion Ratio Lower Upper

105 100

71 20.8 3.0 4.6#

51 8.9 39.8 59.8#

120 0.0 15.8 23.8#

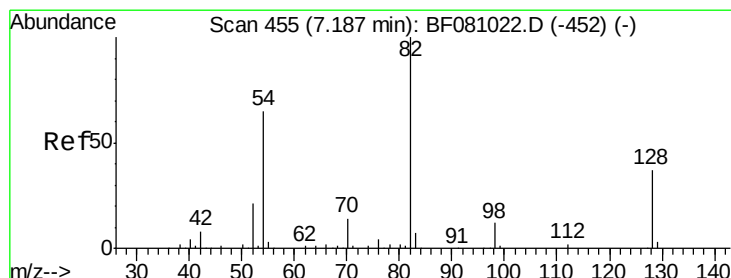
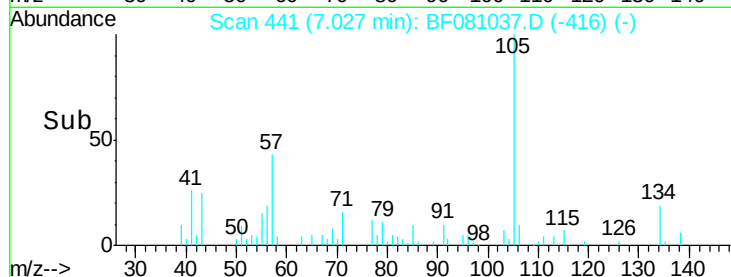
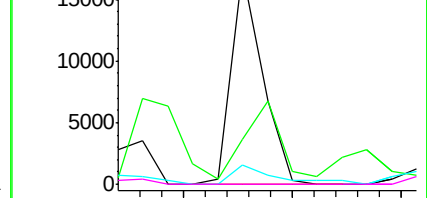


Abundance Ion 105.00 (104.70 to 105.70): E

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: 87.62 ng

RT: 7.20 min Scan# 456

Delta R.T. 0.01 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

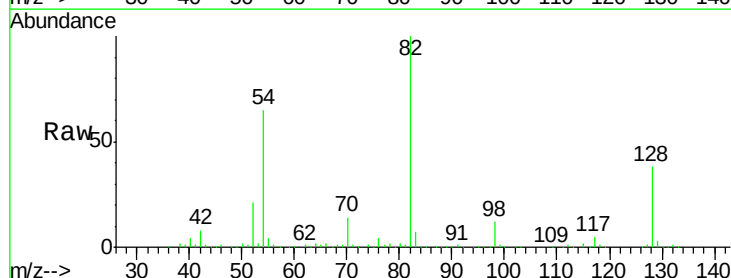
Tgt Ion: 82 Resp: 436897

Ion Ratio Lower Upper

82 100

128 37.6 28.6 42.8

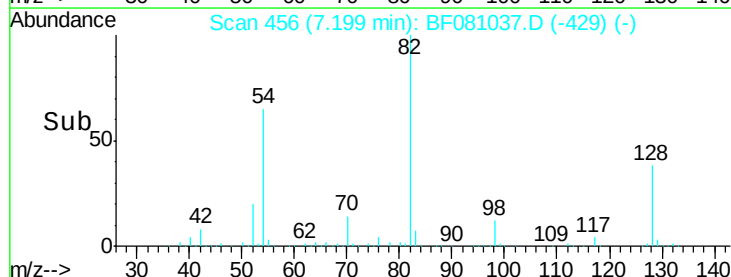
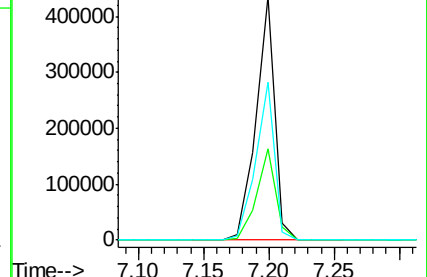
54 65.0 55.1 82.7

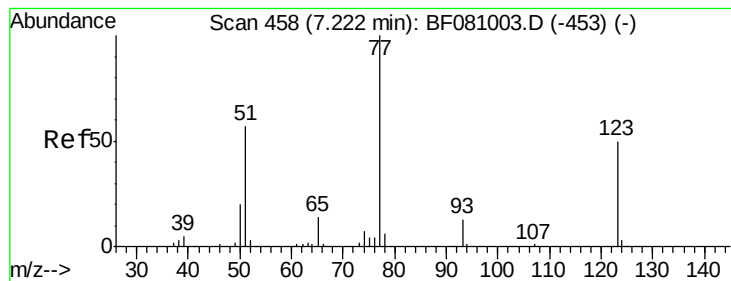


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 2.90 ng

RT: 7.18 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

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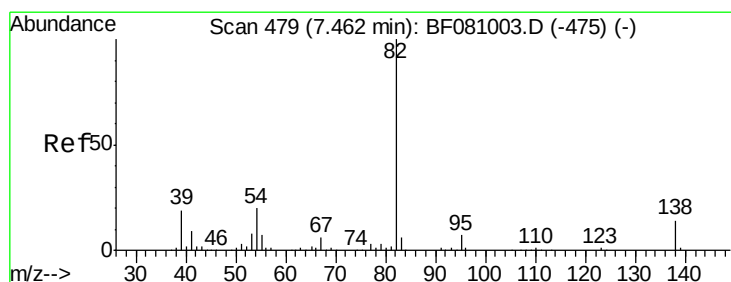
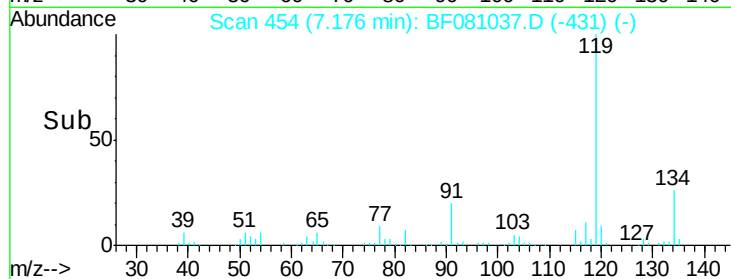
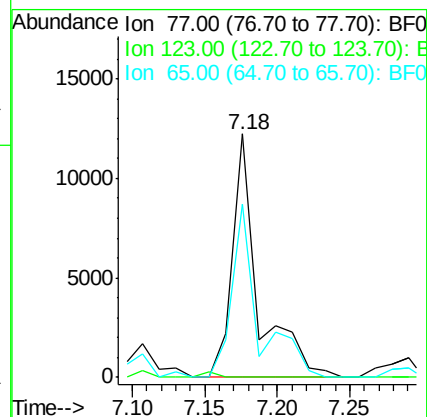
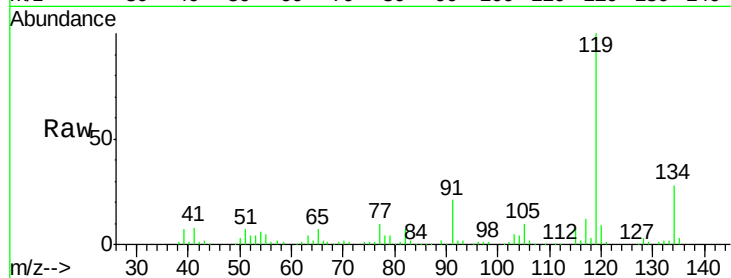
Tgt Ion: 77 Resp: 15126

Ion Ratio Lower Upper

77 100

123 0.0 32.9 49.3#

65 71.1 12.5 18.7#



#25

Isophorone

Concen: 34.48 ng

RT: 7.20 min Scan# 456

Delta R.T. -0.25 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

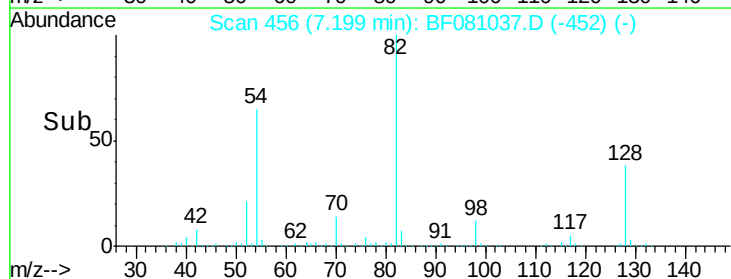
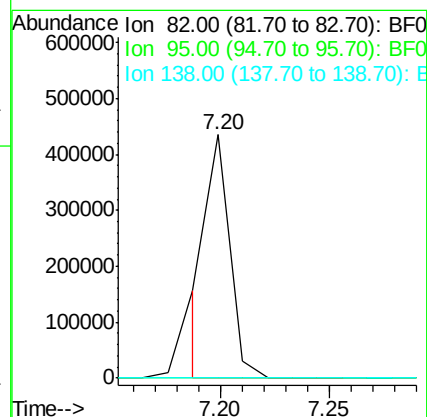
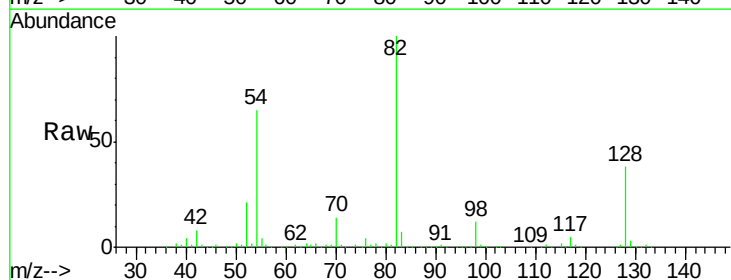
Tgt Ion: 82 Resp: 320607

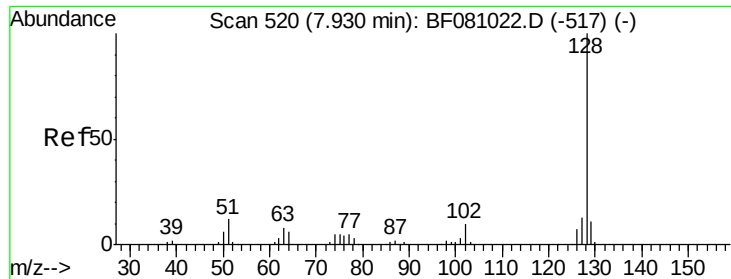
Ion Ratio Lower Upper

82 100

95 0.2 6.2 9.2#

138 0.0 10.5 15.7#

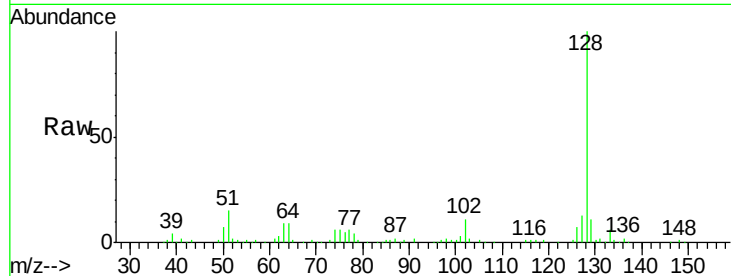




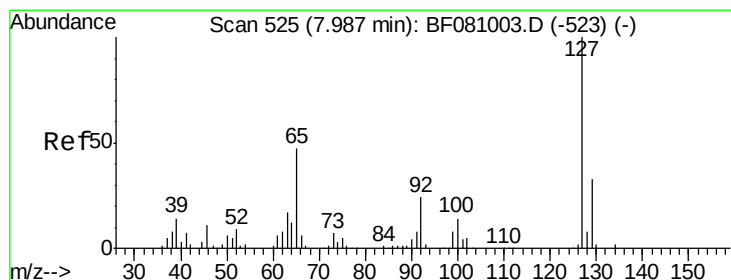
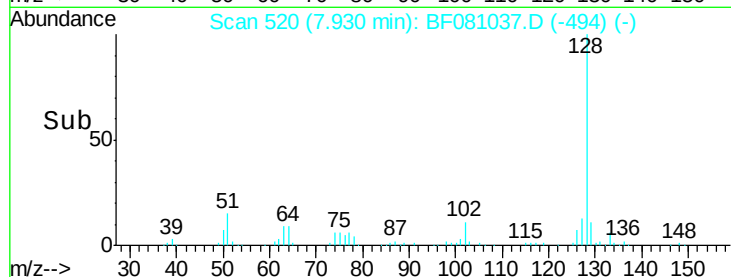
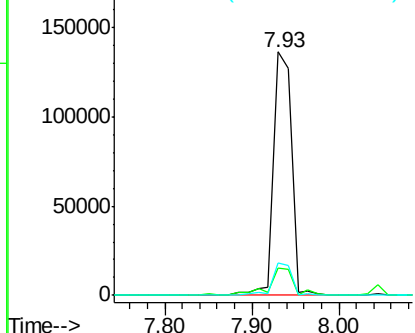
#31
Naphthalene
Concen: 15.15 ng
RT: 7.93 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF081037.D
Acq: 18 Aug 2015 8:59

Instrument :
BNA_F
ClientSampleId :
TEC-COMP16

Tgt Ion:128 Resp: 192409
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.1 10.6 16.0

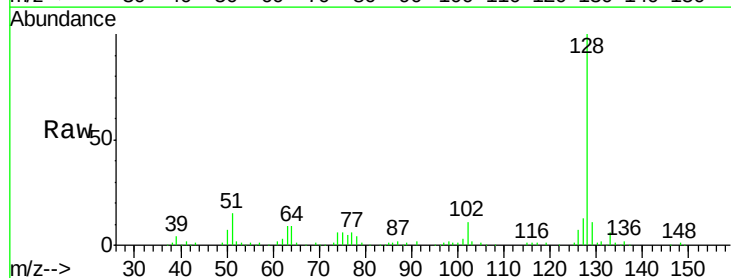


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

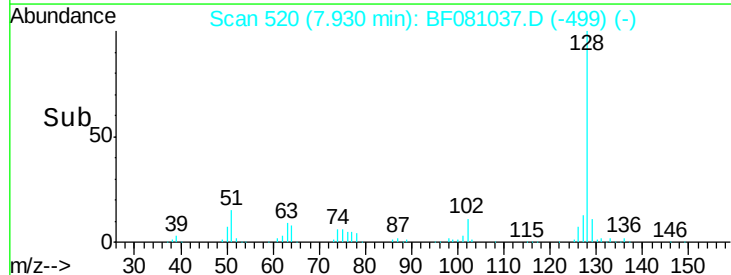
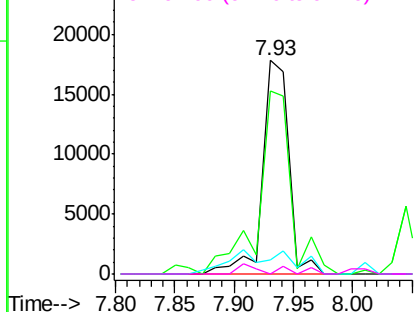


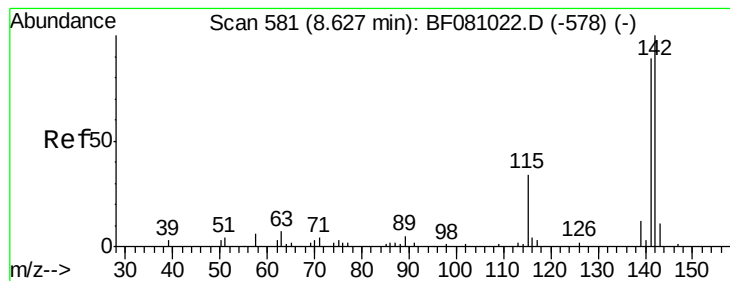
#33
4-Chloroaniline
Concen: 5.11 ng
RT: 7.93 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF081037.D
Acq: 18 Aug 2015 8:59

Tgt Ion:127 Resp: 27399
Ion Ratio Lower Upper
127 100
129 85.5 25.2 37.8#
65 6.8 37.8 56.6#
92 0.0 19.5 29.3#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0





#37

2-Methylnaphthalene

Concen: 8.49 ng

RT: 8.63 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

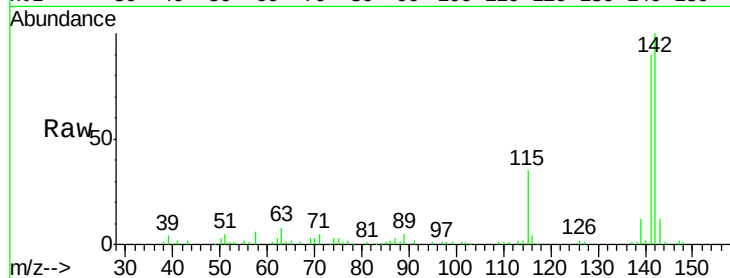
Tgt Ion:142 Resp: 68104

Ion Ratio Lower Upper

142 100

141 89.8 71.4 107.2

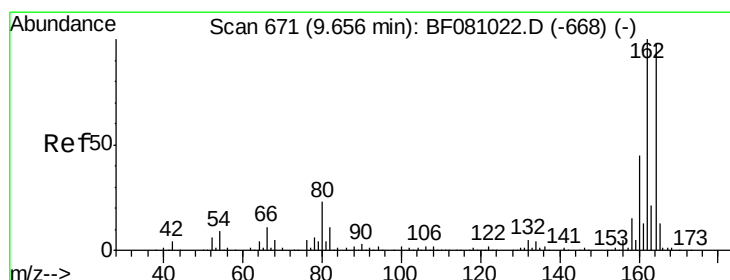
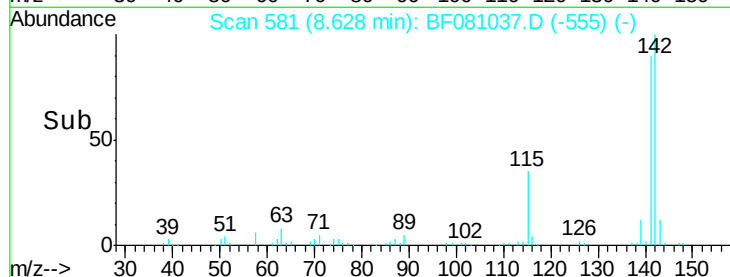
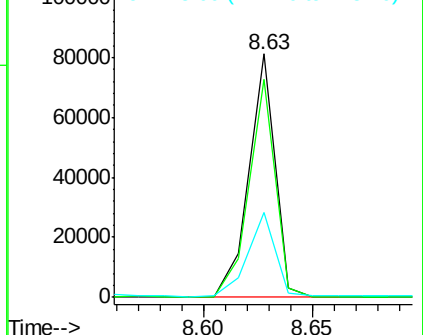
115 34.8 33.4 50.0



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: 20.00 ng

RT: 9.66 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

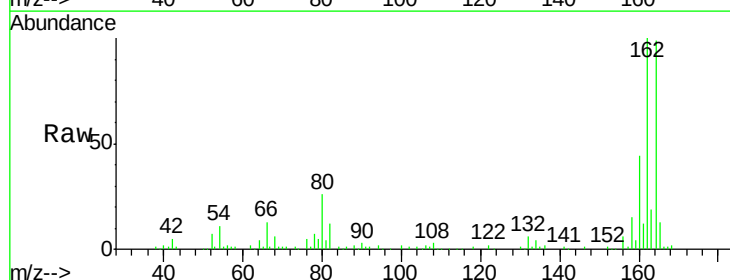
Tgt Ion:164 Resp: 95875

Ion Ratio Lower Upper

164 100

162 101.4 83.8 125.8

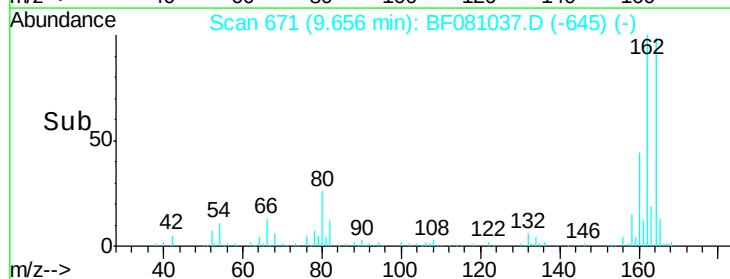
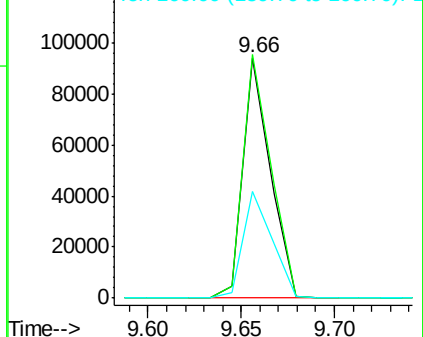
160 44.2 39.8 59.8

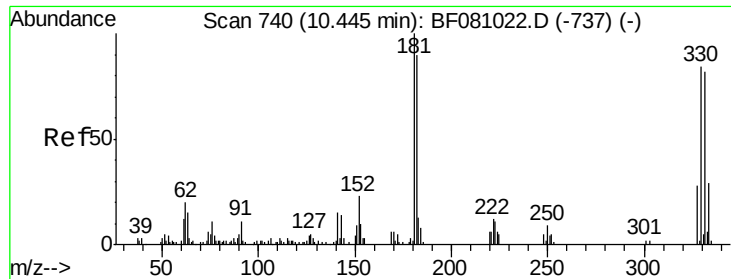


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 119.41 ng

RT: 10.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

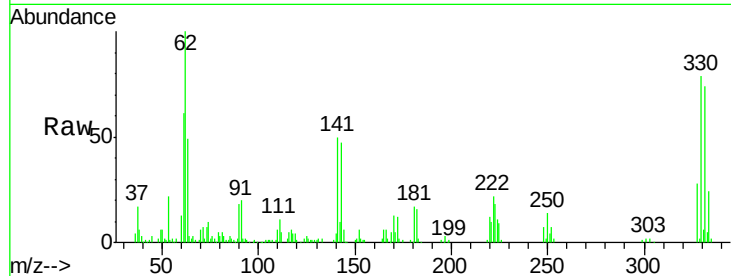
Tgt Ion:330 Resp: 99241

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

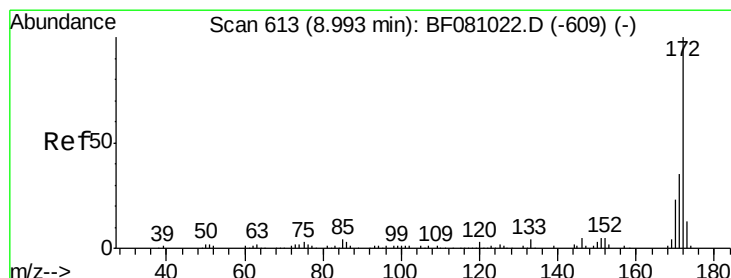
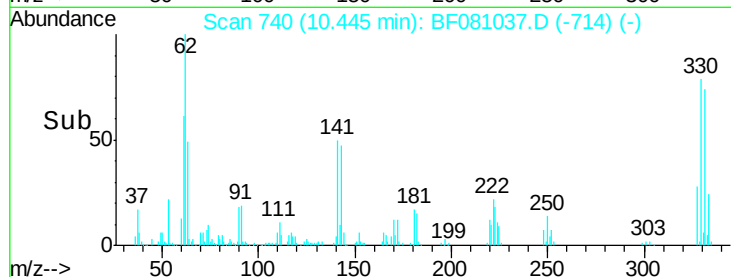
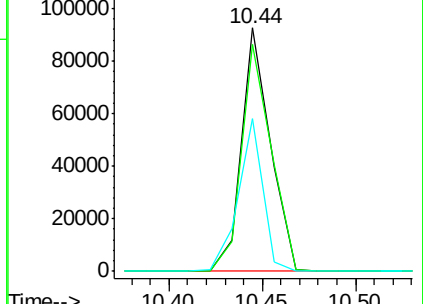
141 54.6 44.9 67.3



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: 83.91 ng

RT: 8.99 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

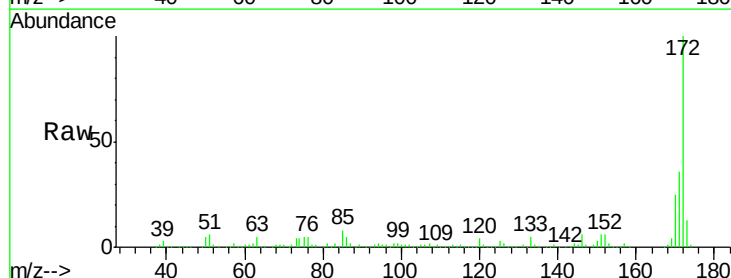
Tgt Ion:172 Resp: 614004

Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

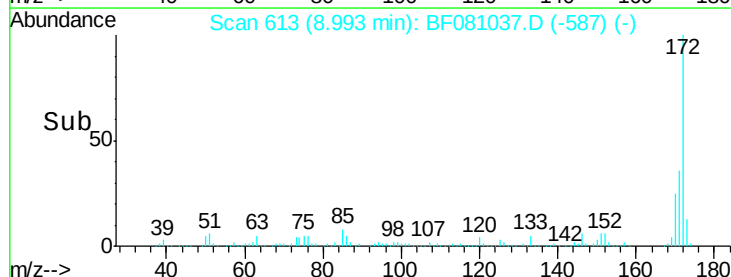
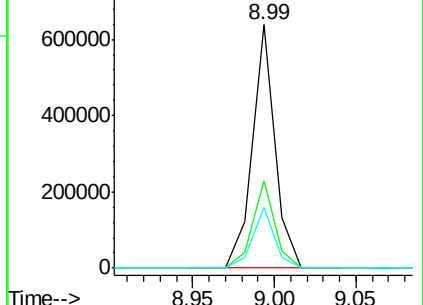
170 24.6 19.4 29.2

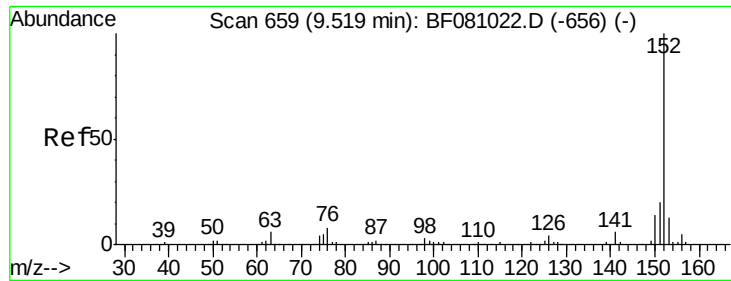


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#48

Acenaphthylene

Concen: 2.15 ng

RT: 9.52 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

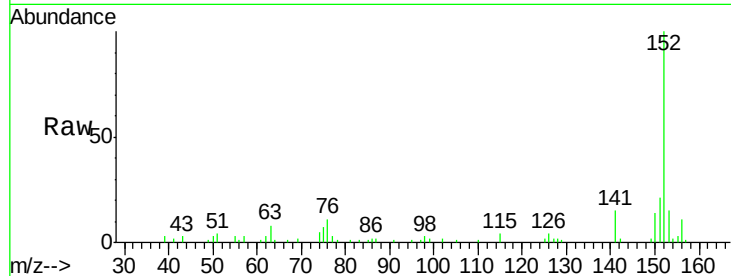
Tgt Ion:152 Resp: 26151

Ion Ratio Lower Upper

152 100

151 20.6 16.1 24.1

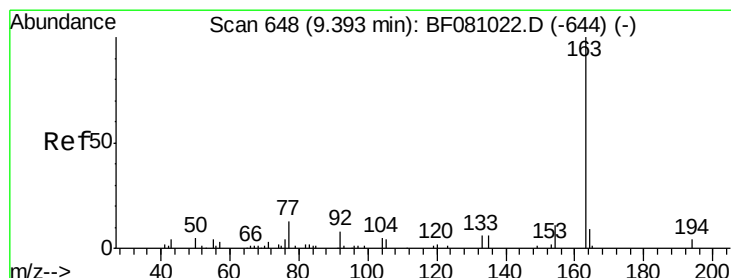
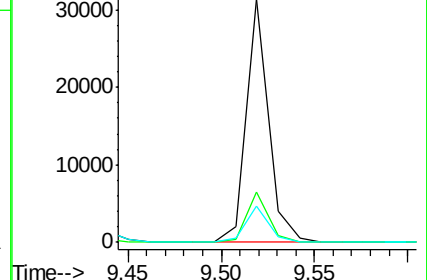
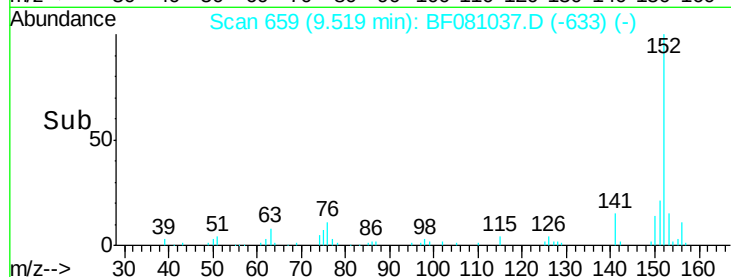
153 14.8 9.8 14.6#



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: 23.57 ng

RT: 9.39 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

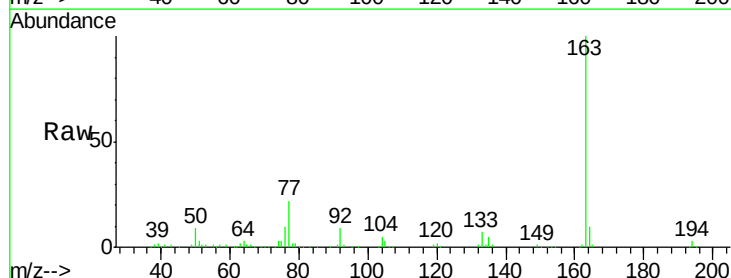
Tgt Ion:163 Resp: 186093

Ion Ratio Lower Upper

163 100

194 3.4 2.5 3.7

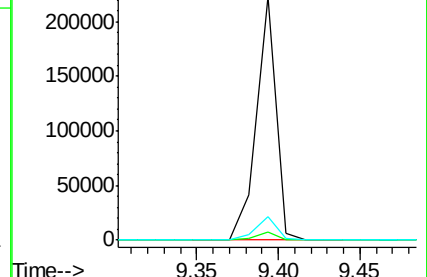
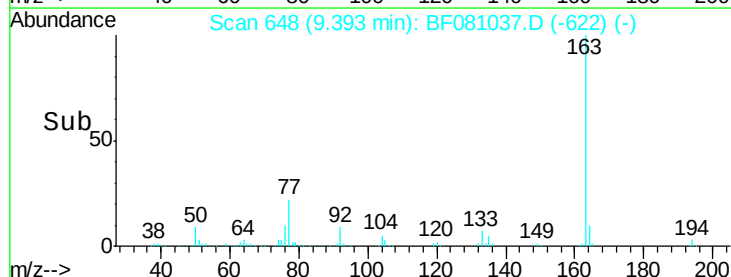
164 9.9 8.1 12.1

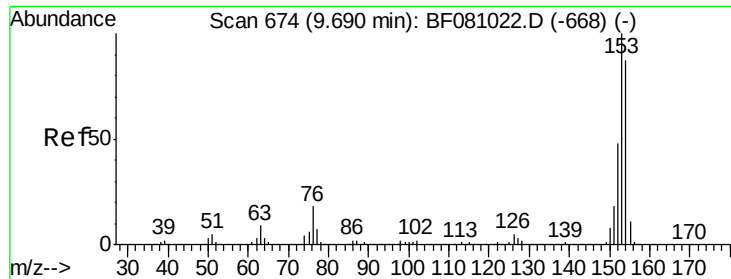


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 15.21 ng

RT: 9.69 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

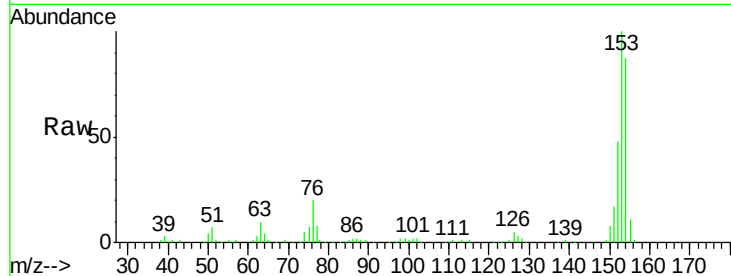
Tgt Ion:154 Resp: 110516

Ion Ratio Lower Upper

154 100

153 114.7 91.4 137.2

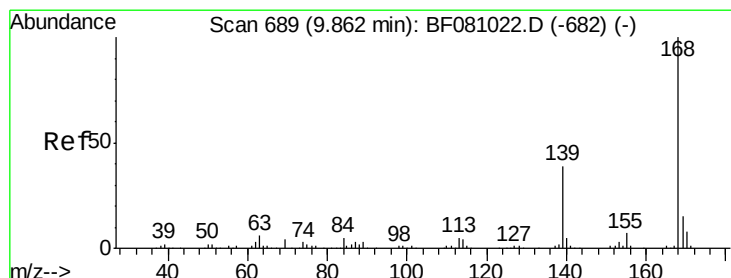
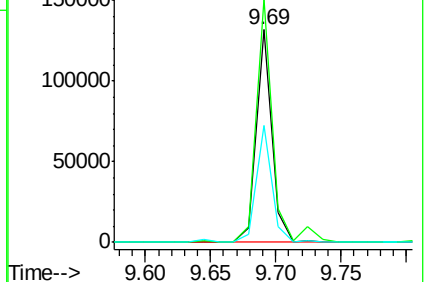
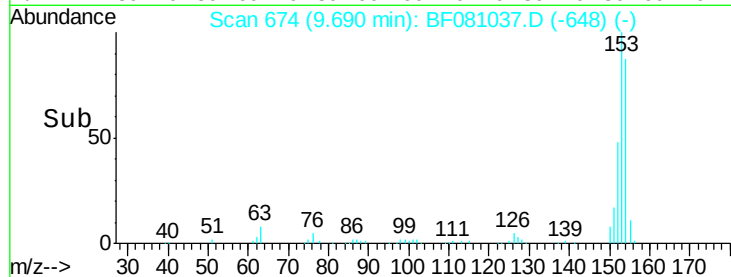
152 55.0 43.7 65.5



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: 12.19 ng

RT: 9.86 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

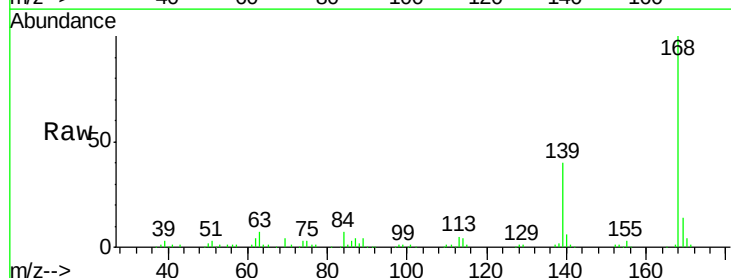
Tgt Ion:168 Resp: 118636

Ion Ratio Lower Upper

168 100

139 40.2 29.3 43.9

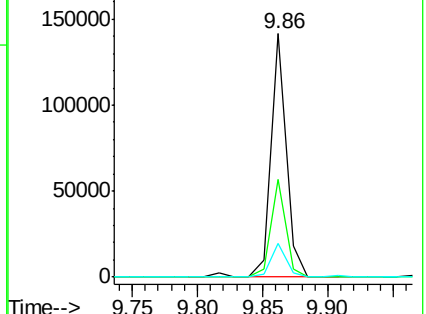
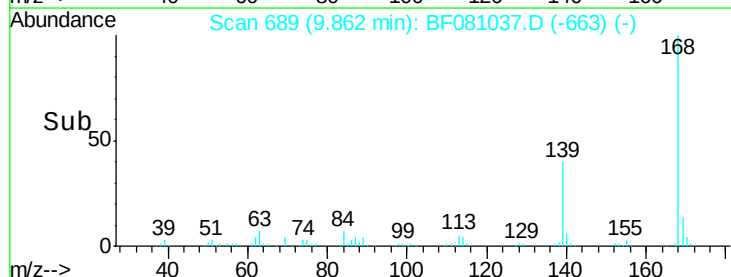
169 13.6 10.3 15.5

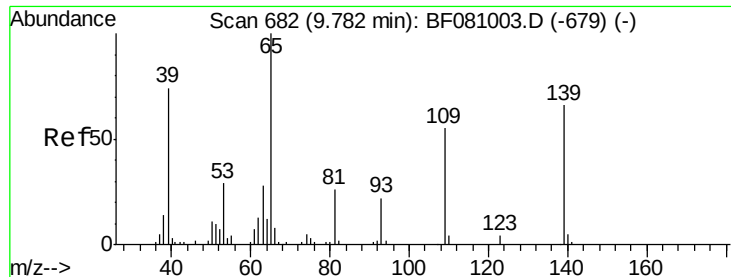


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

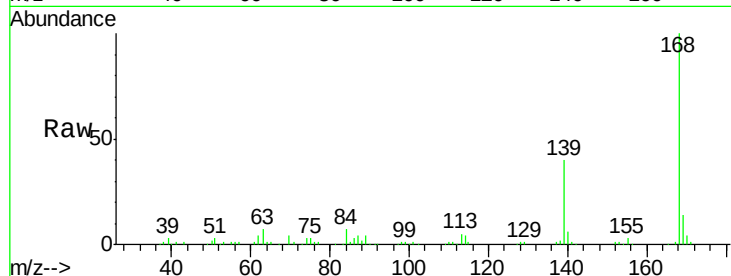




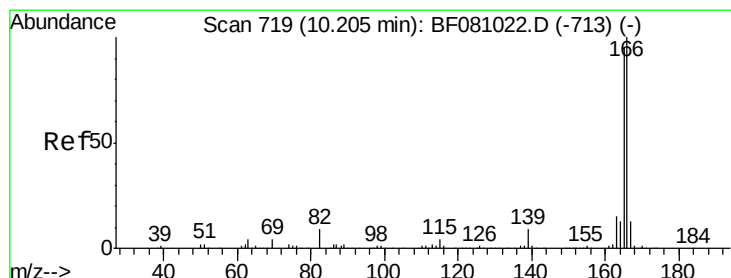
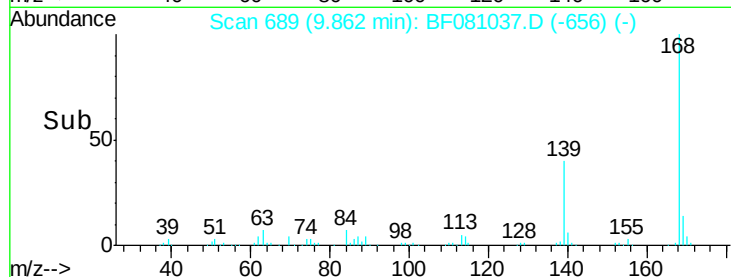
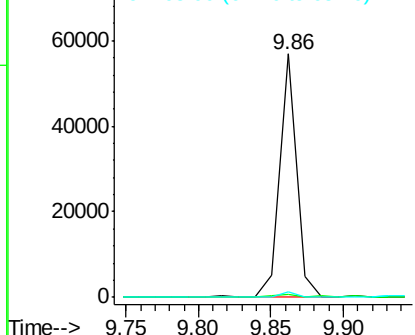
#55
4-Nitrophenol
Concen: 30.93 ng
RT: 9.86 min Scan# 689
Delta R.T. 0.08 min
Lab File: BF081037.D
Acq: 18 Aug 2015 8:59

Instrument :
BNA_F
ClientSampleId :
TEC-COMP16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	1.2	80.0	120.0#
65	2.2	138.3	178.3#

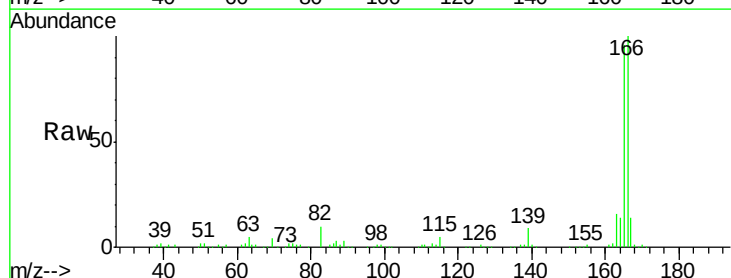


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

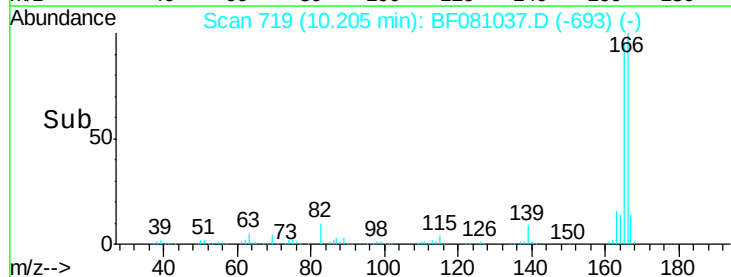
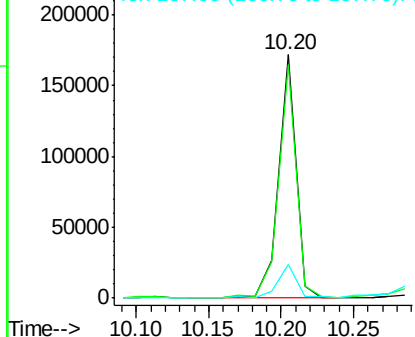


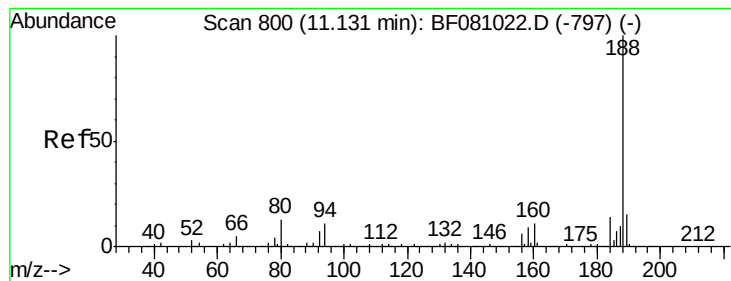
#57
Fluorene
Concen: 19.20 ng
RT: 10.20 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF081037.D
Acq: 18 Aug 2015 8:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.1	75.8	113.8
167	14.0	11.3	16.9



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: 11.13 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

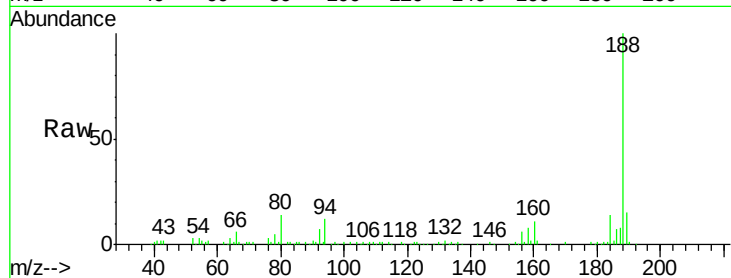
Tgt Ion:188 Resp: 173305

Ion Ratio Lower Upper

188 100

94 12.1 8.2 12.2

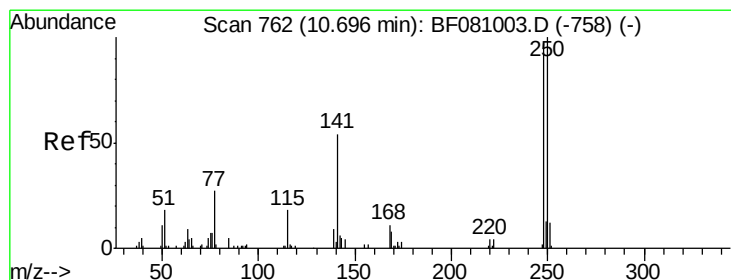
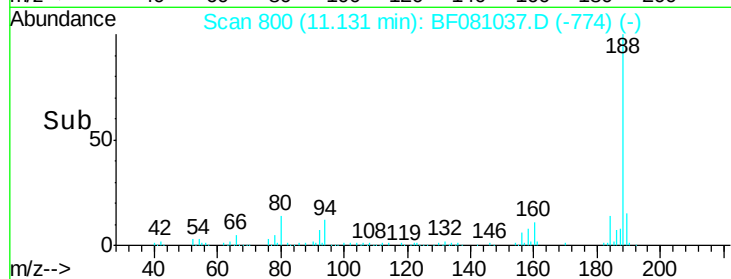
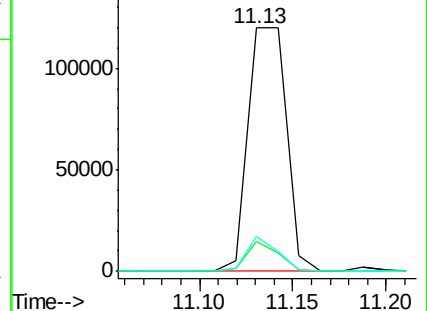
80 14.3 9.5 14.3#



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: 4.68 ng

RT: 10.44 min Scan# 740

Delta R.T. -0.24 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

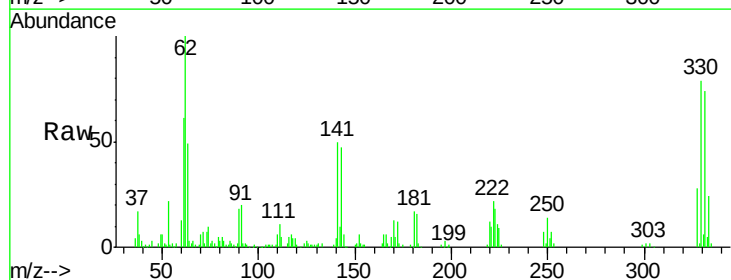
Tgt Ion:248 Resp: 7965

Ion Ratio Lower Upper

248 100

250 192.2 77.8 116.6#

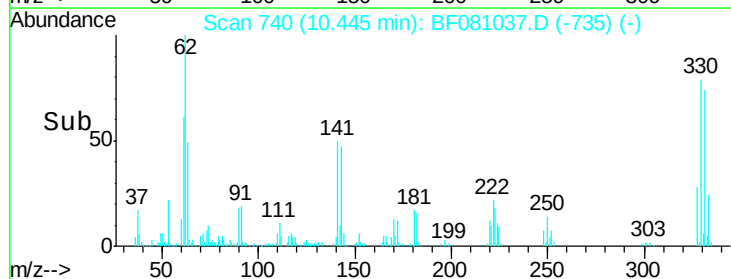
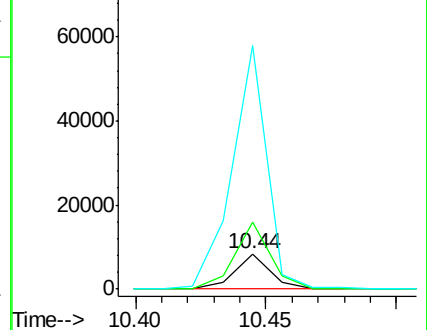
141 693.5 39.8 59.6#

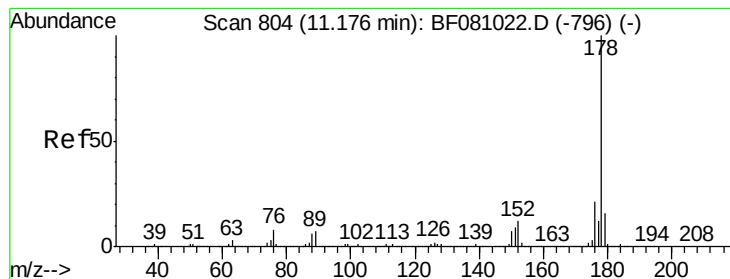


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 81.01 ng

RT: 11.16 min Scan# 803

Delta R.T. 0.01 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

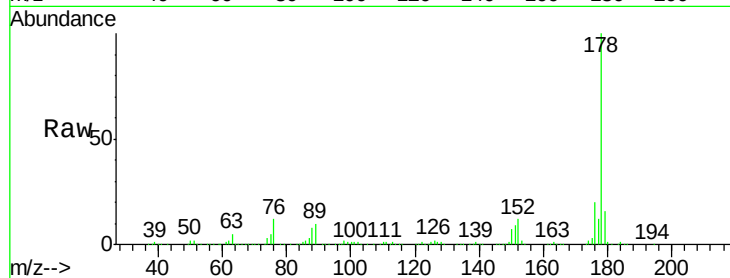
Tgt Ion:178 Resp: 832030

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

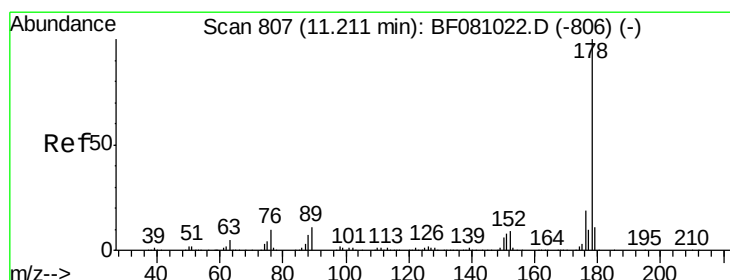
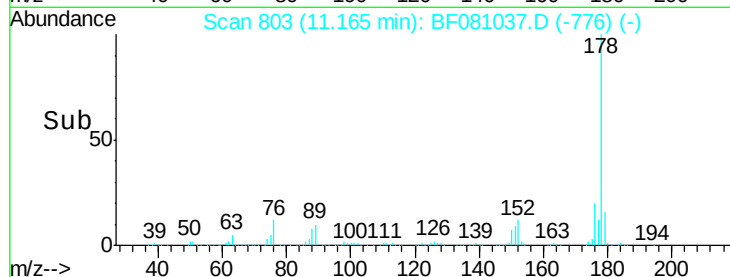
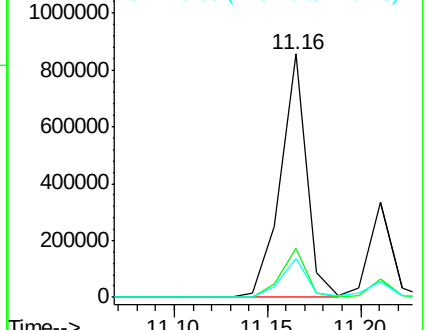
179 15.9 12.2 18.2



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: 28.25 ng

RT: 11.21 min Scan# 807

Delta R.T. 0.01 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

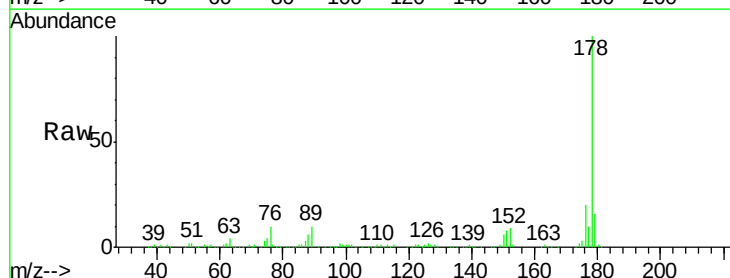
Tgt Ion:178 Resp: 282329

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

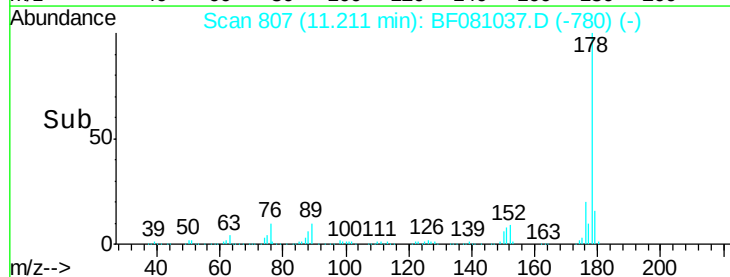
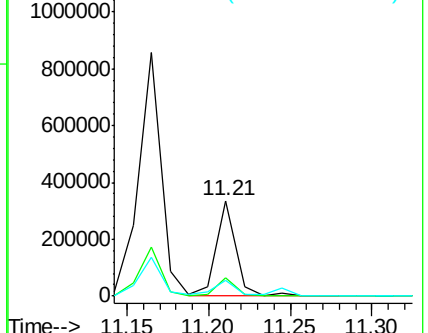
179 16.0 12.7 19.1

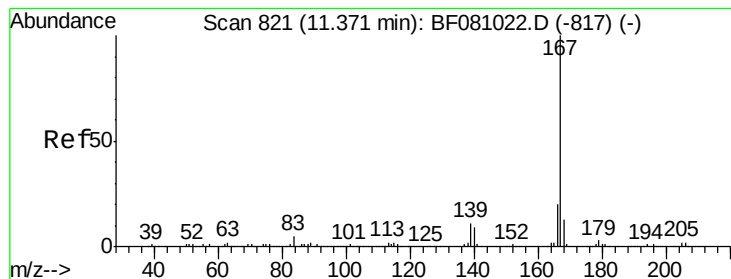


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 15.53 ng

RT: 11.37 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

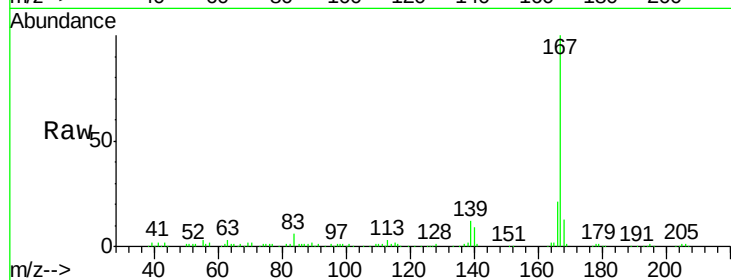
Tgt Ion:167 Resp: 149418

Ion Ratio Lower Upper

167 100

166 20.6 17.4 26.0

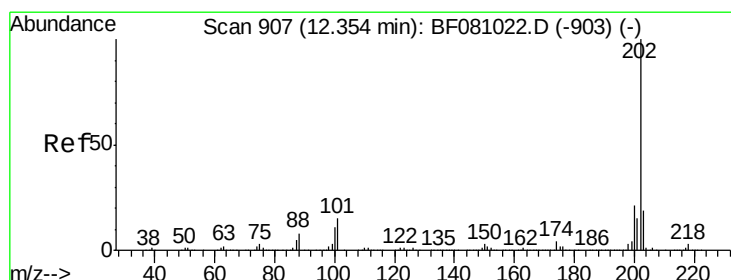
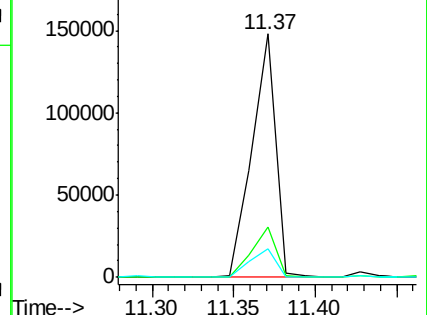
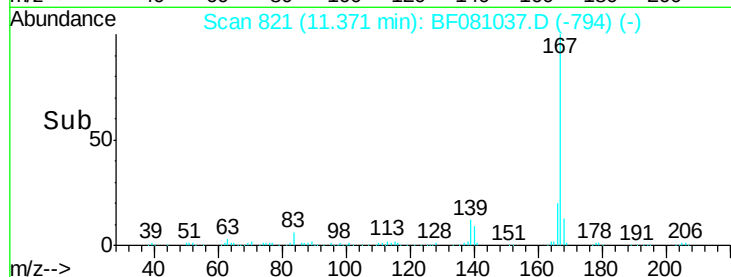
139 11.9 10.6 16.0



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: 106.67 ng

RT: 12.35 min Scan# 907

Delta R.T. 0.02 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

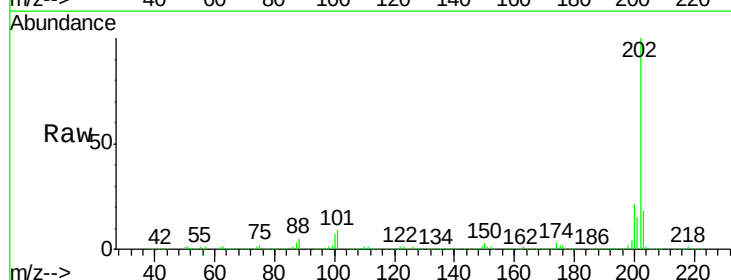
Tgt Ion:202 Resp: 1182200

Ion Ratio Lower Upper

202 100

101 9.2 0.0 24.8

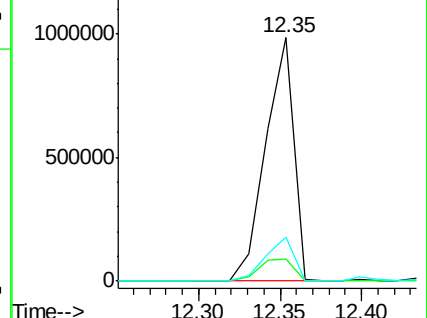
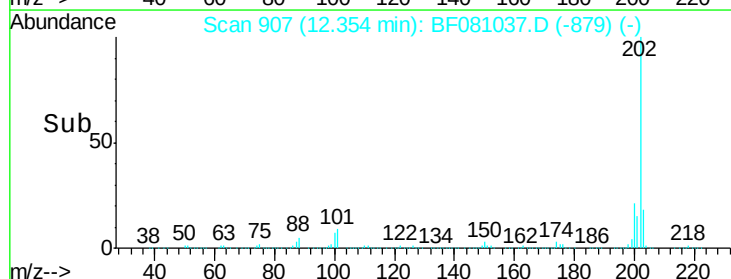
203 18.2 0.0 36.9

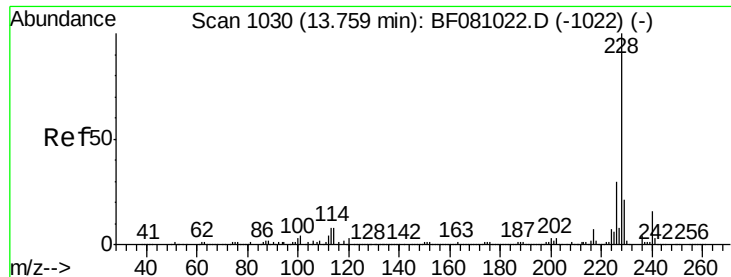


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.76 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

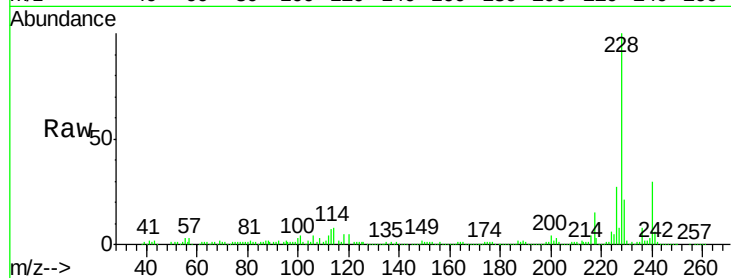
Tgt Ion:240 Resp: 126285

Ion Ratio Lower Upper

240 100

120 17.5 5.6 8.4#

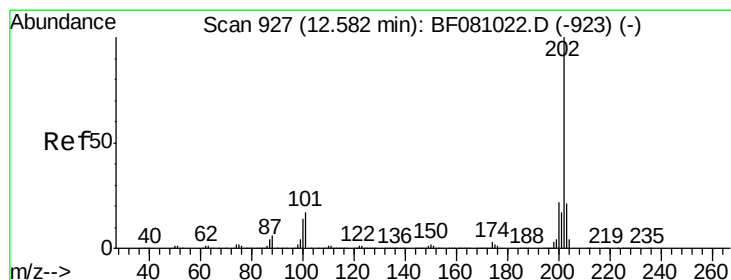
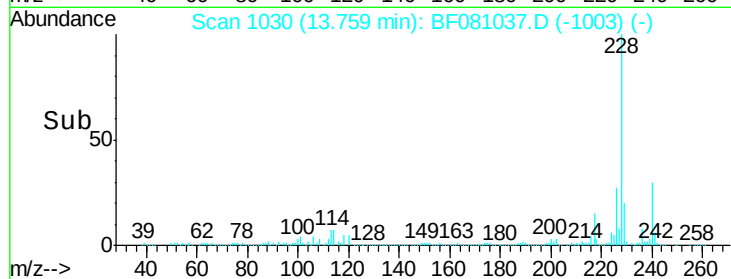
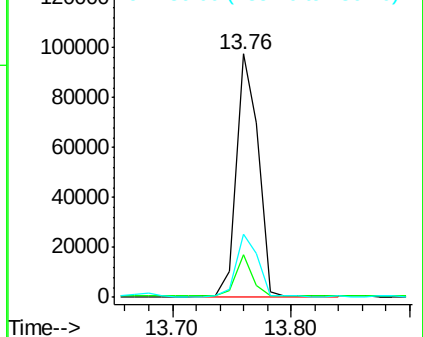
236 25.9 20.6 30.8



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



#77

Pyrene

Concen: 81.60 ng

RT: 12.57 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

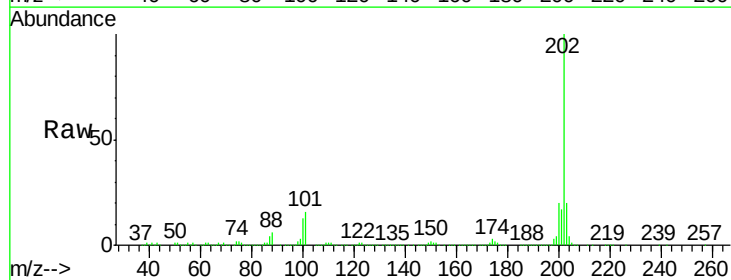
Tgt Ion:202 Resp: 837743

Ion Ratio Lower Upper

202 100

200 20.3 16.6 24.8

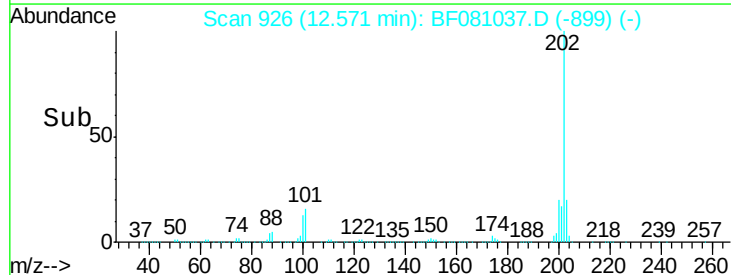
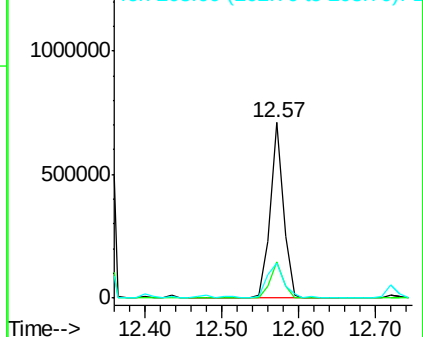
203 20.1 14.1 21.1

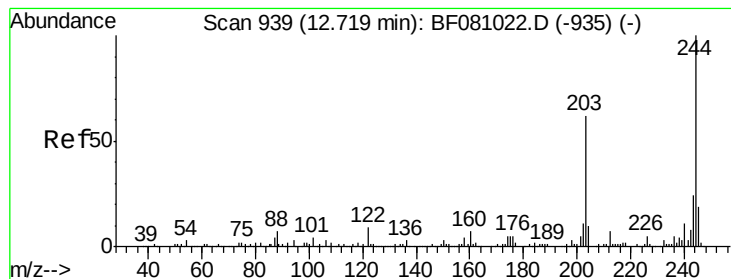


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 79.81 ng

RT: 12.72 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

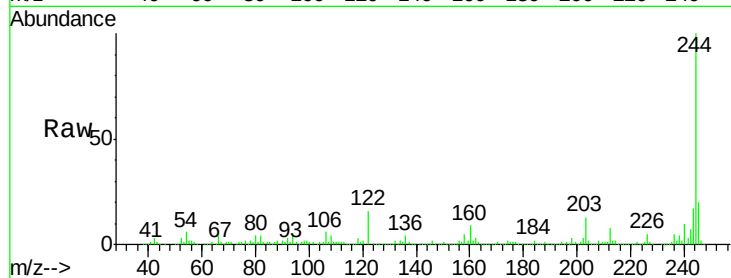
Tgt Ion:244 Resp: 470159

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

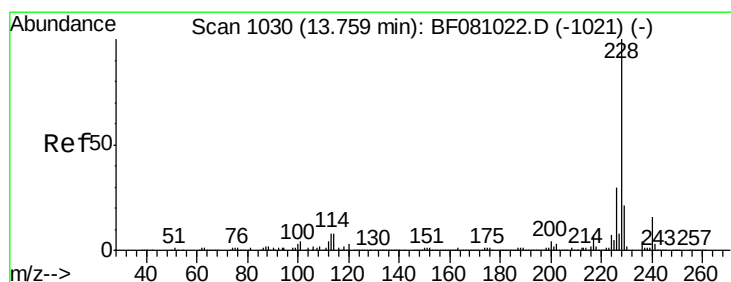
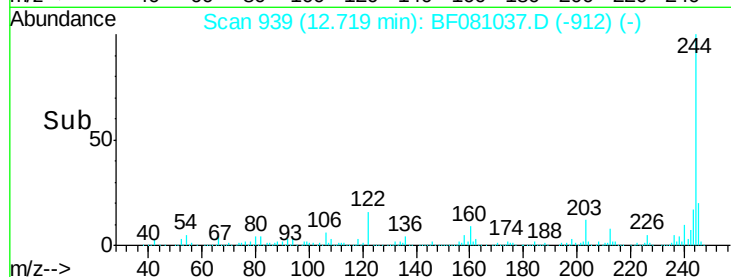
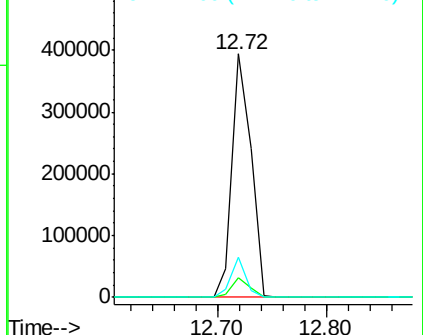
122 16.5 8.2 12.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 61.11 ng

RT: 13.76 min Scan# 1030

Delta R.T. 0.02 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

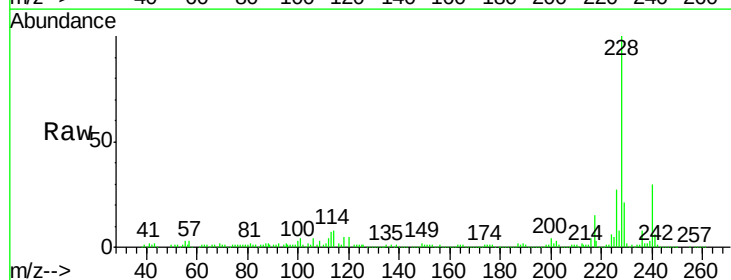
Tgt Ion:228 Resp: 517511

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

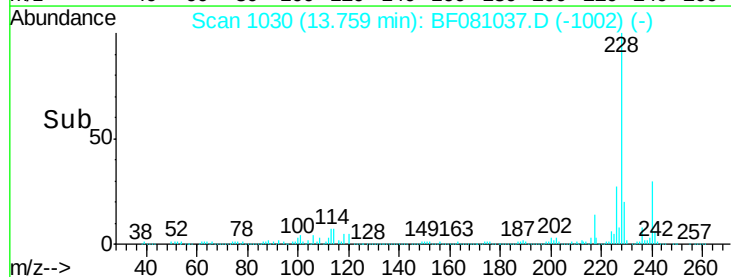
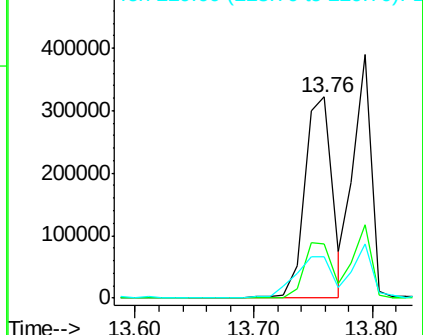
229 20.7 15.9 23.9

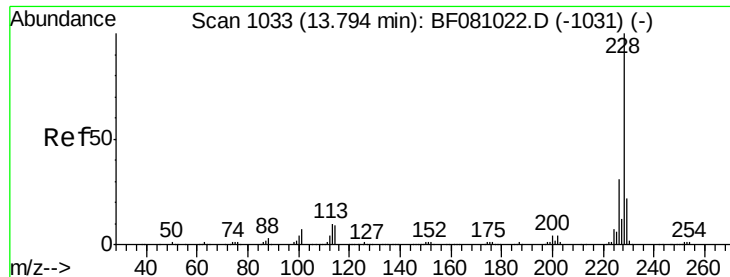


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 52.62 ng

RT: 13.79 min Scan# 1033

Delta R.T. 0.02 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

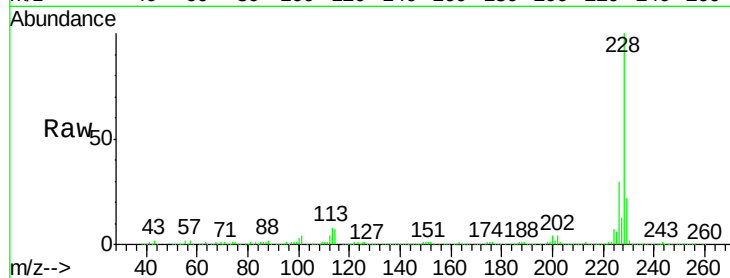
Tgt Ion:228 Resp: 401625

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

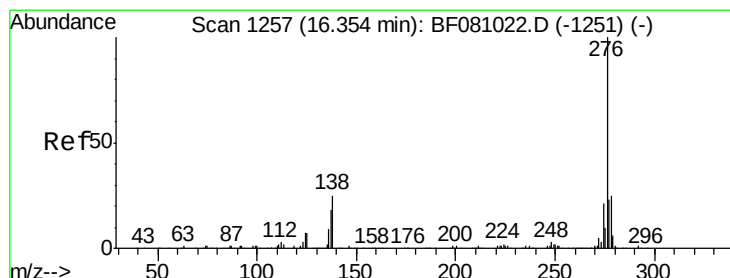
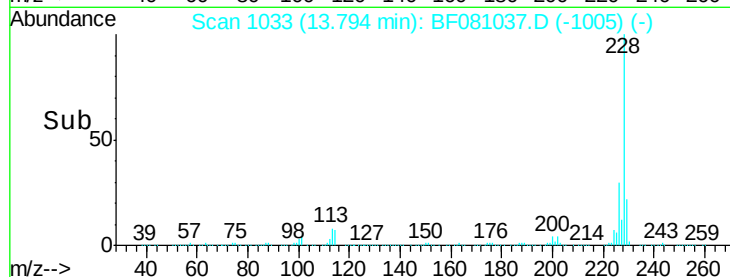
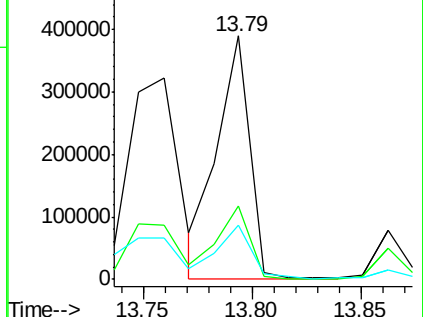
229 22.3 16.0 24.0



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 28.97 ng

RT: 16.35 min Scan# 1257

Delta R.T. 0.03 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

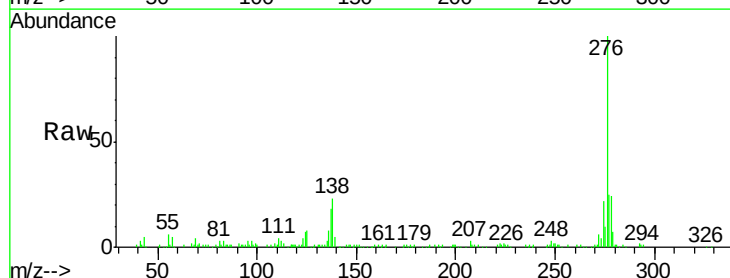
Tgt Ion:276 Resp: 155236

Ion Ratio Lower Upper

276 100

138 27.5 18.6 28.0

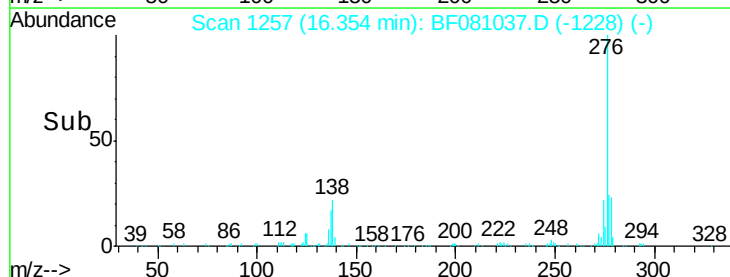
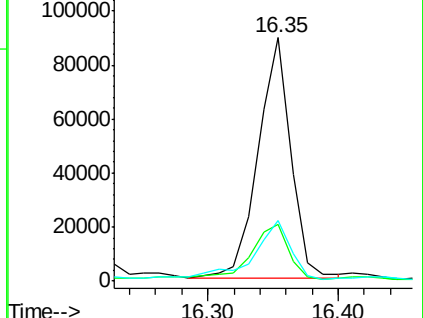
277 27.3 19.8 29.8

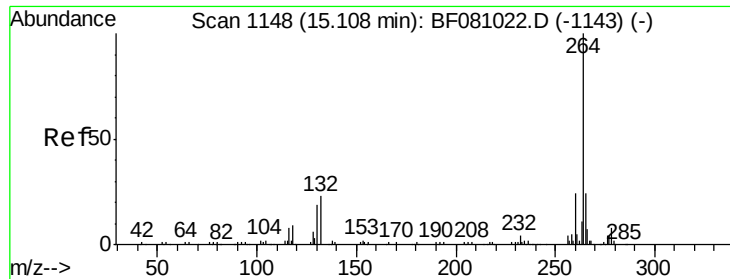


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

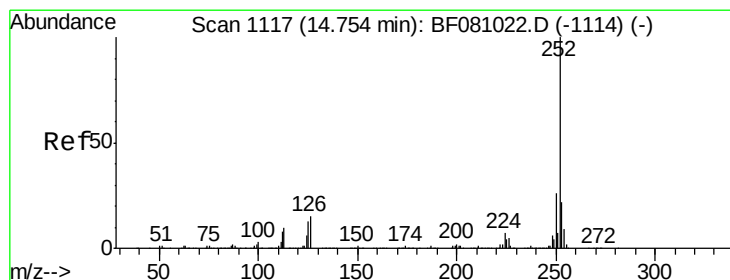
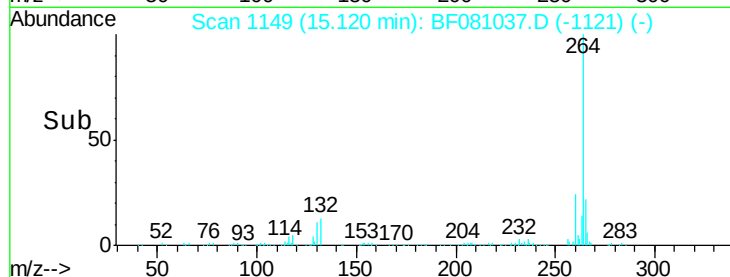
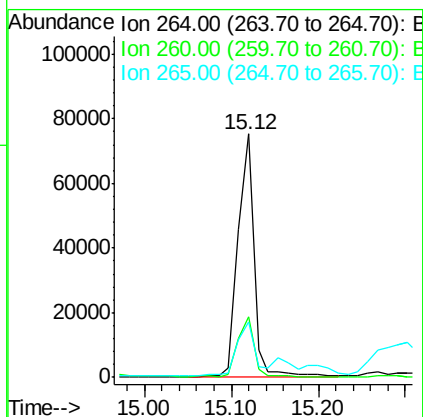
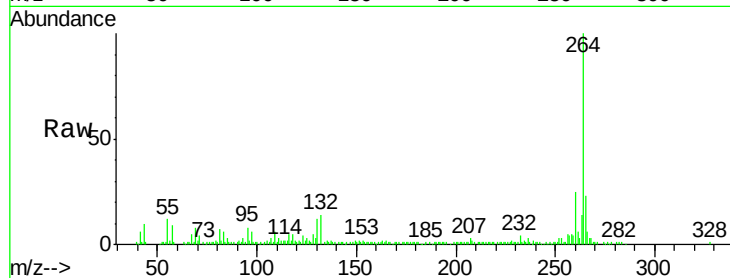




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1149
Delta R.T. 0.02 min
Lab File: BF081037.D
Acq: 18 Aug 2015 8:59

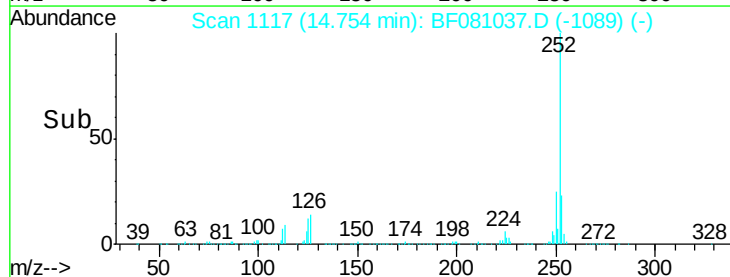
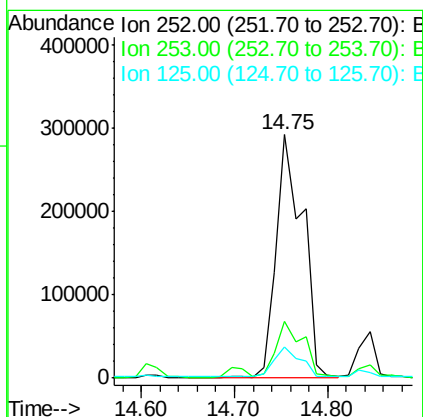
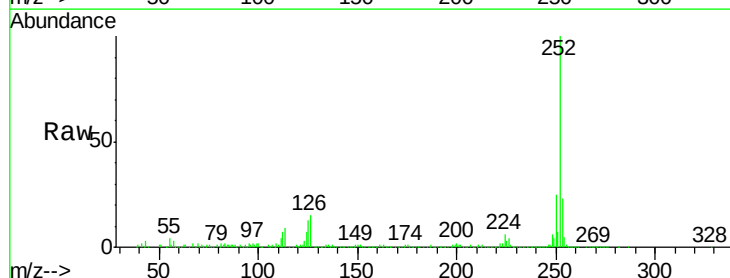
Instrument :
BNA_F
ClientSampleId :
TEC-COMP16

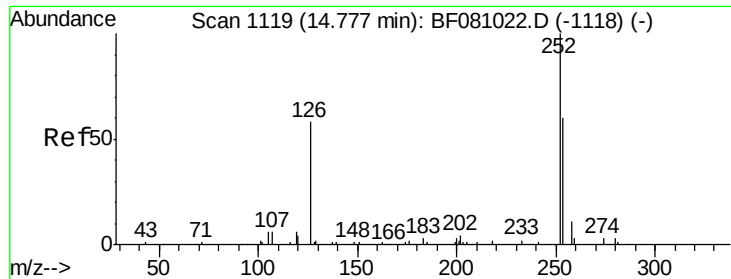
Tgt Ion: 264 Resp: 97136
Ion Ratio Lower Upper
264 100
260 24.8 19.6 29.4
265 22.7 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 84.77 ng
RT: 14.75 min Scan# 1117
Delta R.T. 0.02 min
Lab File: BF081037.D
Acq: 18 Aug 2015 8:59

Tgt Ion: 252 Resp: 582417
Ion Ratio Lower Upper
252 100
253 23.2 17.1 25.7
125 12.9 8.0 12.0#

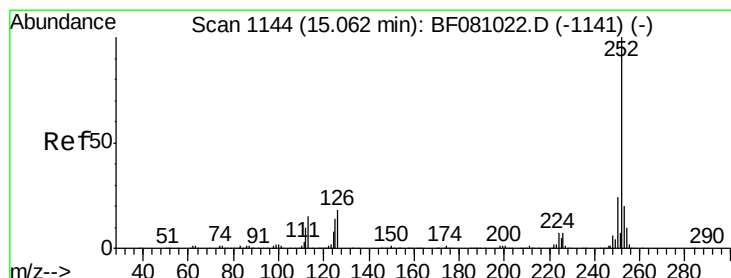
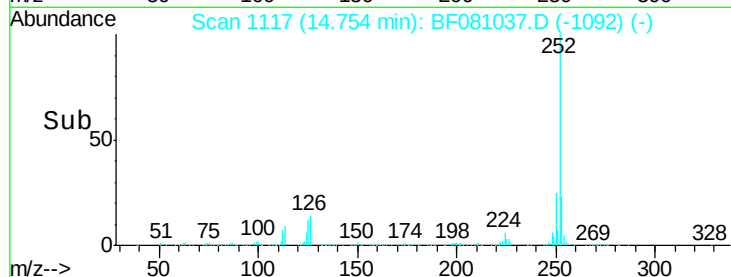
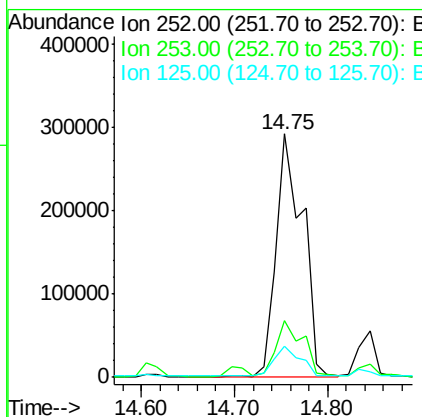
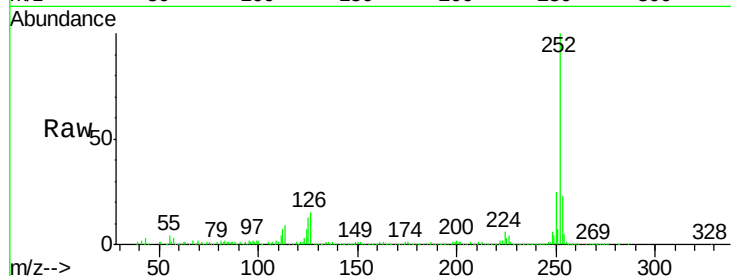




#88
Benzo(k)fluoranthene
Concen: 90.97 ng
RT: 14.75 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF081037.D
Acq: 18 Aug 2015 8:59

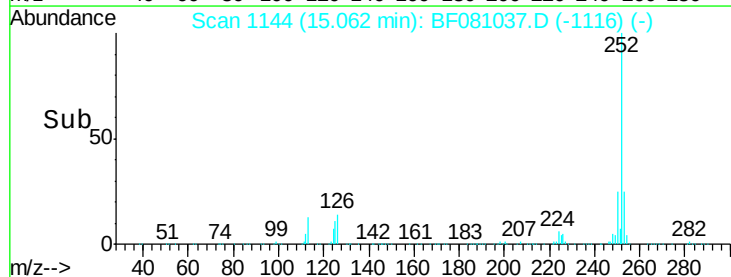
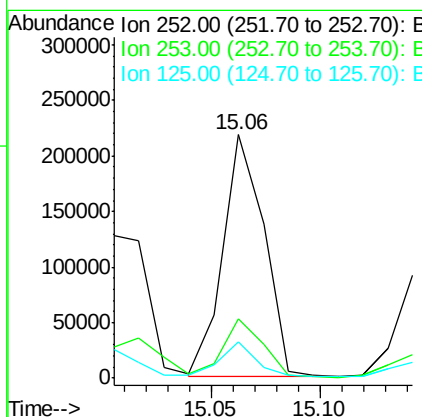
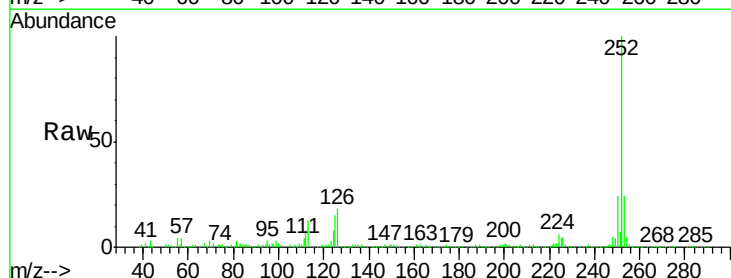
Instrument :
BNA_F
ClientSampleId :
TEC-COMP16

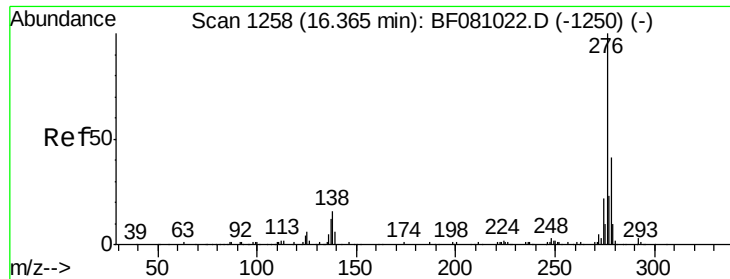
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	12.9	10.3	15.5



#89
Benzo(a)pyrene
Concen: 48.00 ng
RT: 15.06 min Scan# 1144
Delta R.T. 0.02 min
Lab File: BF081037.D
Acq: 18 Aug 2015 8:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	16.6	25.0
125	14.7	7.8	11.8





#90

Dibenzo(a,h)anthracene

Concen: 8.49 ng

RT: 16.35 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

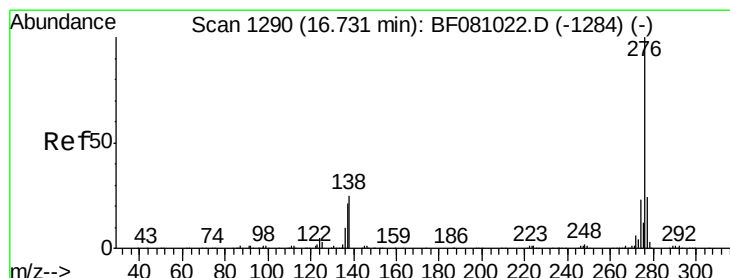
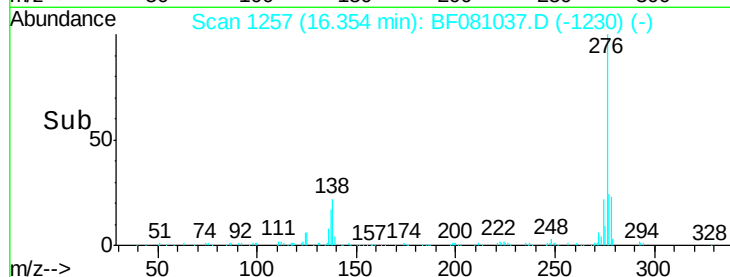
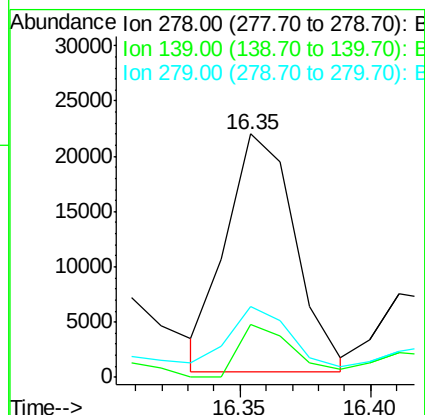
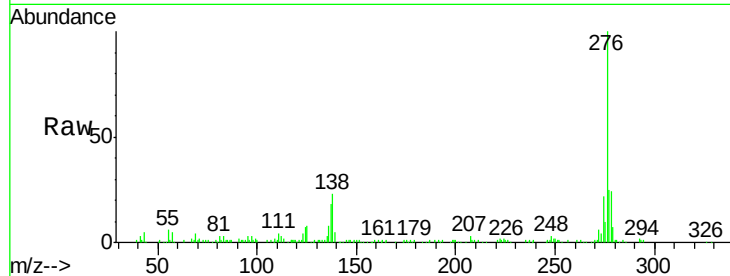
Tgt Ion: 278 Resp: 39624

Ion Ratio Lower Upper

278 100

139 21.8 10.8 16.2#

279 29.3 19.0 28.6#



#91

Benzo(g,h,i)perylene

Concen: 29.87 ng

RT: 16.72 min Scan# 1289

Delta R.T. 0.03 min

Lab File: BF081037.D

Acq: 18 Aug 2015 8:59

Tgt Ion: 276 Resp: 141350

Ion Ratio Lower Upper

276 100

277 23.8 18.2 27.2

138 28.2 13.7 20.5#

