

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
 Data File : BF086077.D
 Acq On : 5 Apr 2016 11:06
 Operator : UM/SJ
 Sample : h2180-08DL 2X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK2-DUP-20160401DL

Quant Time: Apr 05 11:31:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	107451	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	387082	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	164480	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	246608	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	220308	20.00	ng	-0.01
86) Perylene-d12	15.32	264	185877	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	379392	60.35	ng	-0.01
7) Phenol-d6	6.41	99	502663	62.95	ng	-0.01
23) Nitrobenzene-d5	7.33	82	273175	41.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	73904	47.87	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	395180	39.95	ng	-0.01
78) Terphenyl-d14	12.86	244	247240	26.38	ng	-0.01

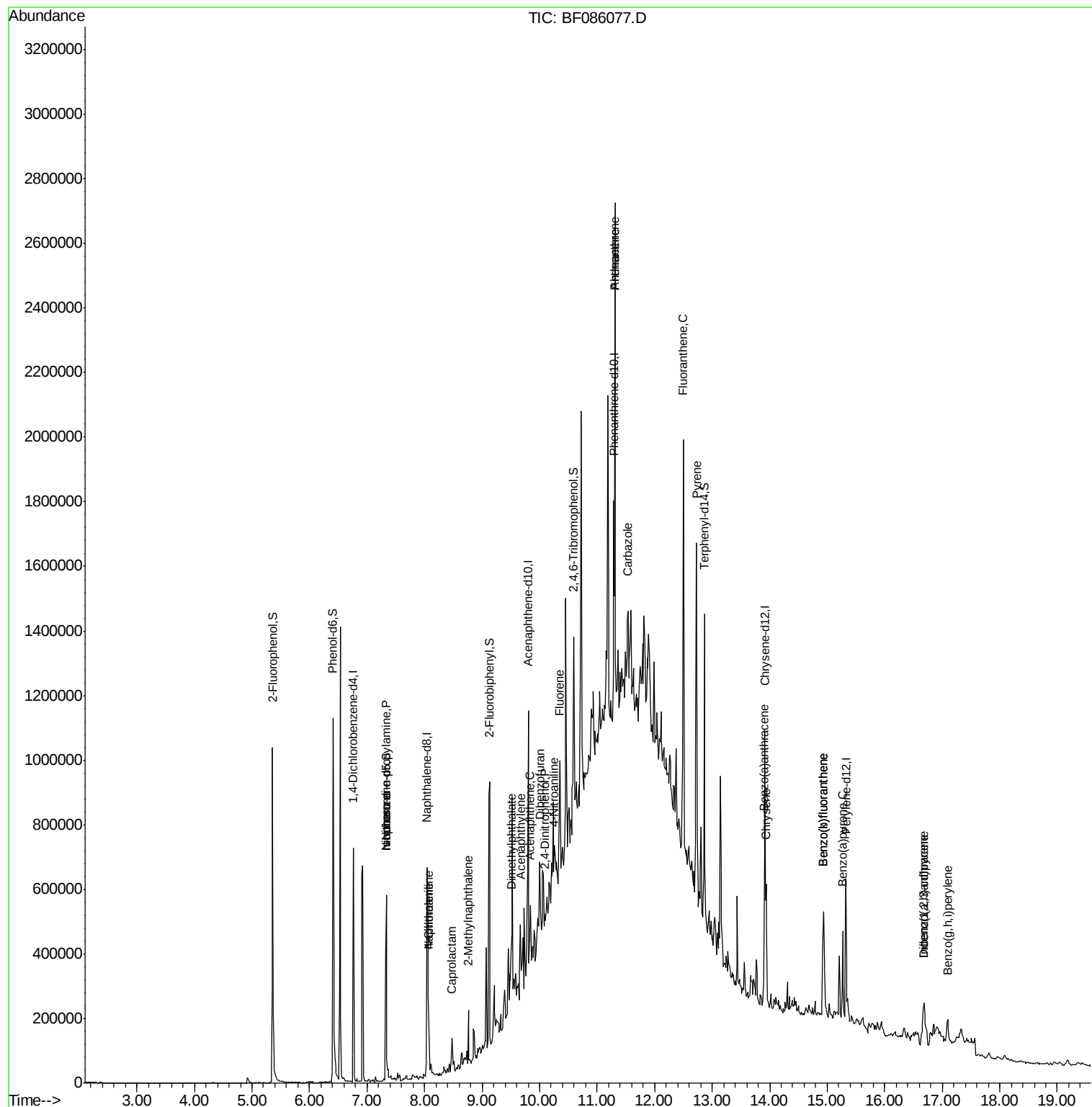
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	39384	7.96	ng	# 74
25) Isophorone	7.33	82	272912	21.06	ng	# 68
31) Naphthalene	8.06	128	128536	6.60	ng	99
33) 4-Chloroaniline	8.06	127	17465	2.22	ng	# 34
35) Caprolactam	8.48	113	3597	2.17	ng	# 59
37) 2-Methylnaphthalene	8.76	142	48130	3.78	ng	99
48) Acenaphthylene	9.66	152	48393	2.94	ng	93
49) Dimethylphthalate	9.52	163	43733	3.59	ng	# 96
51) Acenaphthene	9.84	154	33872	3.46	ng	96
53) 2,4-Dinitrophenol	10.09	184	252	2.19	ng	# 19
54) Dibenzofuran	10.01	168	74456	5.76	ng	98
57) Fluorene	10.35	166	93886	8.50	ng	98
61) 4-Nitroaniline	10.25	138	7293	2.38	ng	88
70) Phenanthrene	11.31	178	624433	46.41	ng	99
71) Anthracene	11.31	178	624433	44.31	ng	100
72) Carbazole	11.53	167	44735	3.69	ng	# 85
74) Fluoranthene	12.50	202	511734	36.57	ng	94
77) Pyrene	12.73	202	474139	30.54	ng	100
80) Benzo(a)anthracene	13.91	228	204093	15.72	ng	98
82) Chrysene	13.94	228	163720	13.09	ng	97
85) Indeno(1,2,3-cd)pyrene	16.68	276	60169	5.93	ng	98
87) Benzo(b)fluoranthene	14.93	252	237037	20.27	ng	99
88) Benzo(k)fluoranthene	14.93	252	237037	22.89	ng	# 97
89) Benzo(a)pyrene	15.27	252	120652	11.65	ng	98
90) Dibenzo(a,h)anthracene	16.68	278	17116	2.05	ng	# 87
91) Benzo(g,h,i)perylene	17.09	276	56223	6.97	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: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401DL

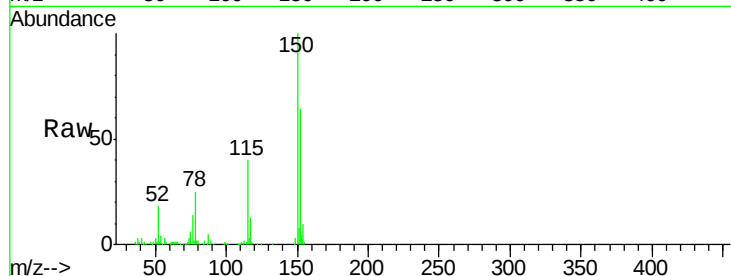
Tot Ion:152 Resp: 107451

Ion Ratio Lower Upper

152 100

150 157.0 124.2 186.2

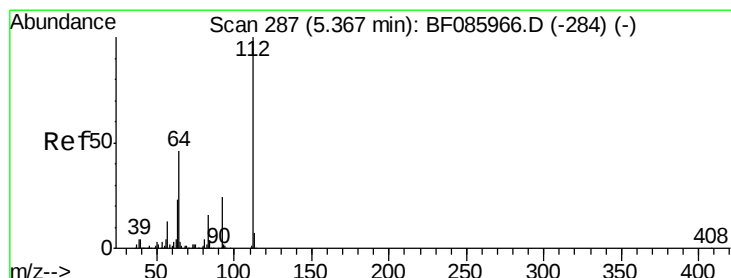
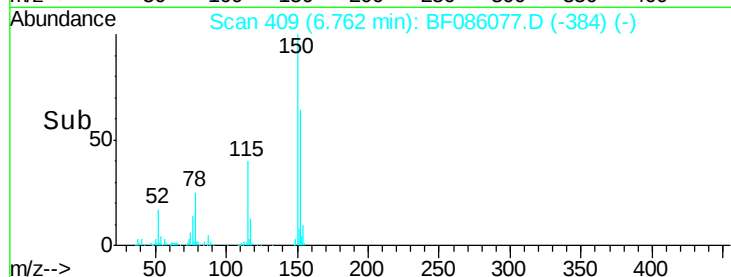
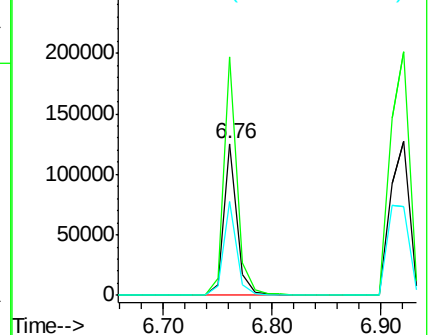
115 62.1 47.0 70.6



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: 60.35 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

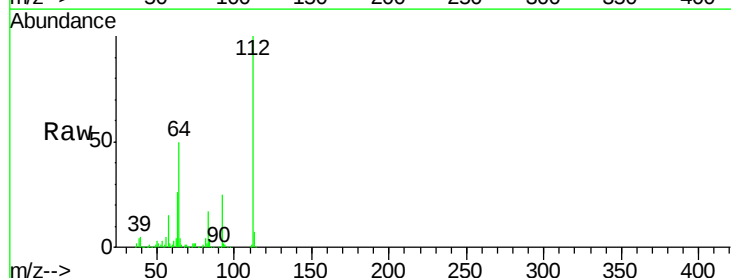
Tgt Ion:112 Resp: 379392

Ion Ratio Lower Upper

112 100

64 50.3 39.9 59.9

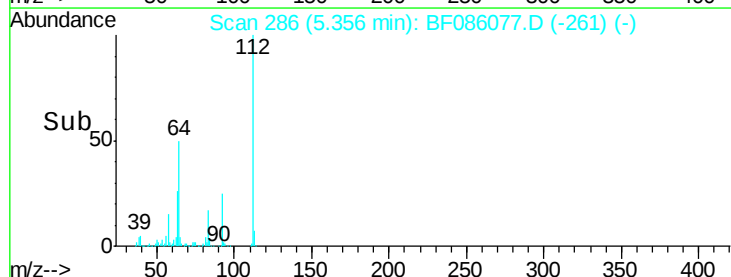
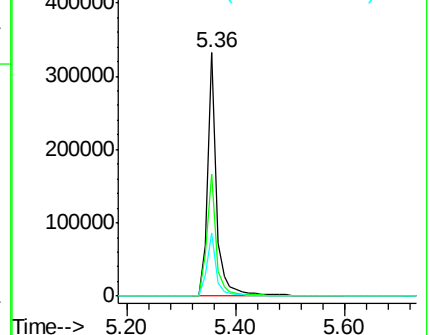
63 25.9 20.2 30.2



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: 62.95 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401DL

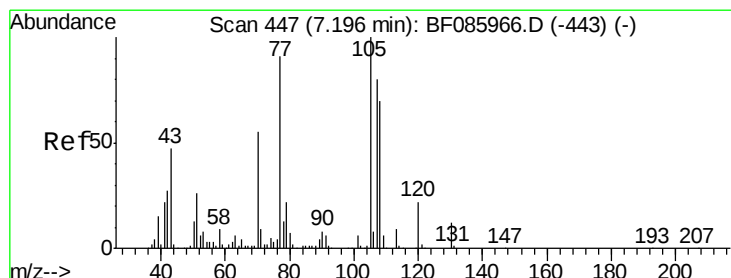
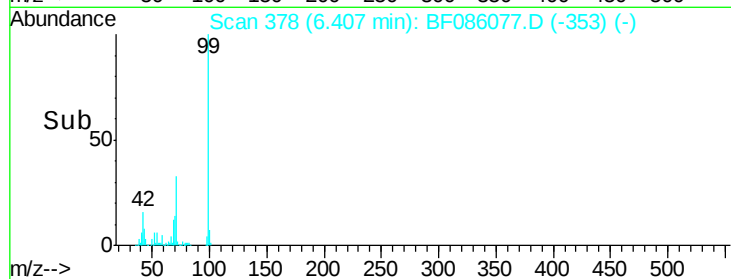
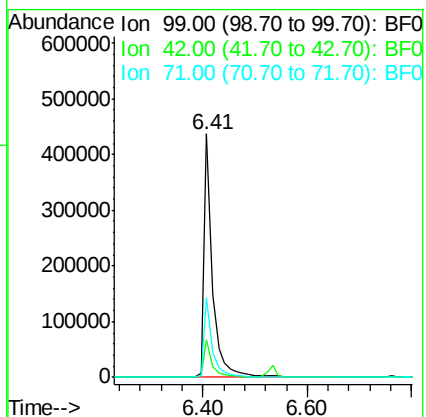
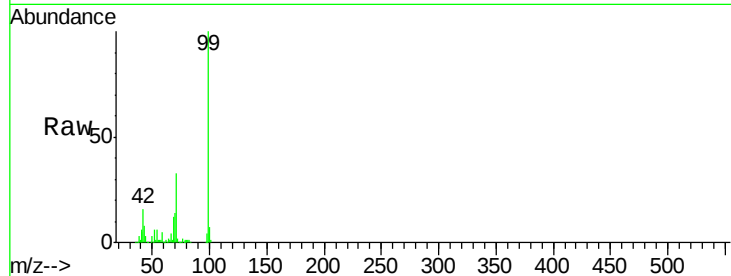
Tot Ion: 99 Resp: 502663

Ion Ratio Lower Upper

99 100

42 15.6 11.1 16.7

71 32.5 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 7.96 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.14 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

Tgt Ion: 70 Resp: 39384

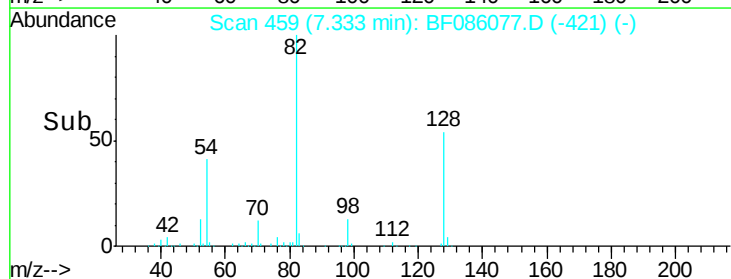
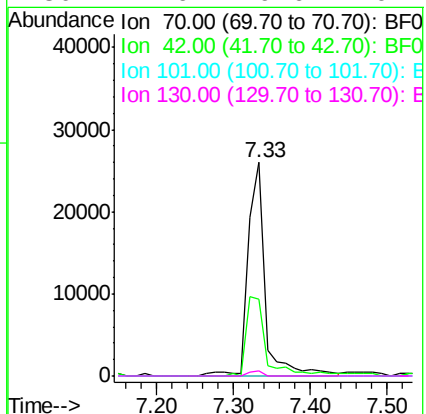
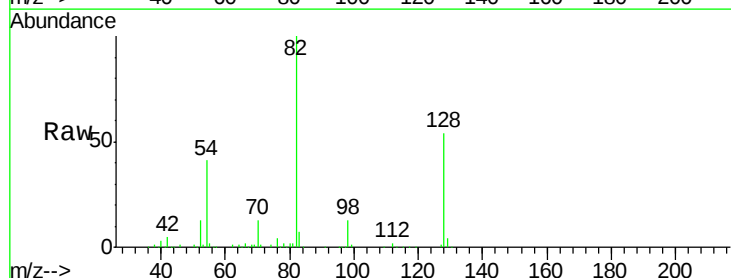
Ion Ratio Lower Upper

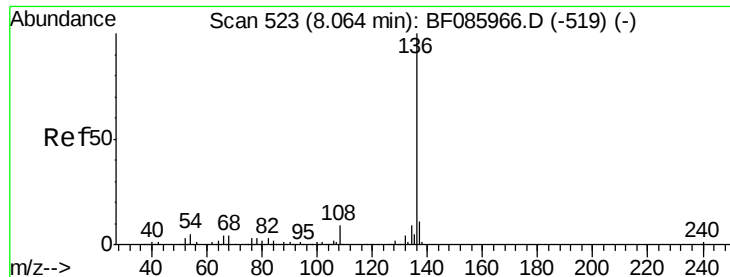
70 100

42 35.9 37.1 55.7#

101 0.0 8.6 12.8#

130 2.6 19.6 29.4#

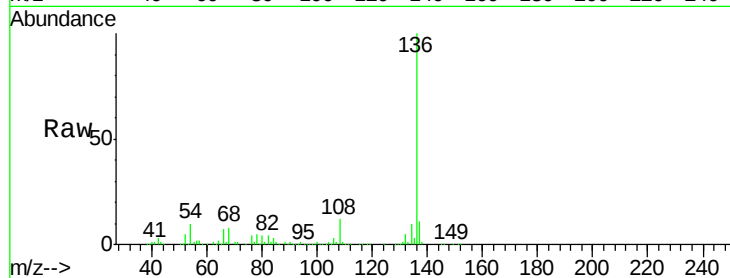




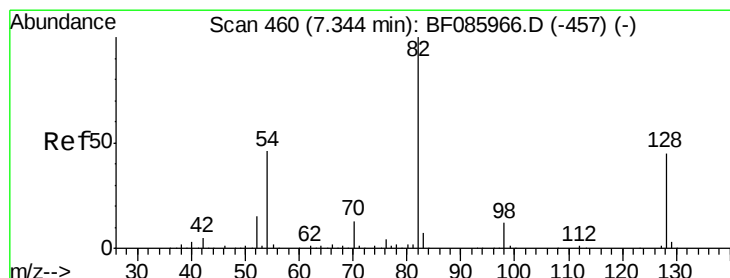
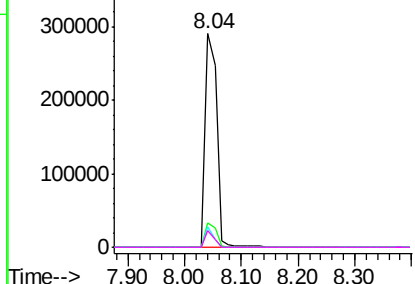
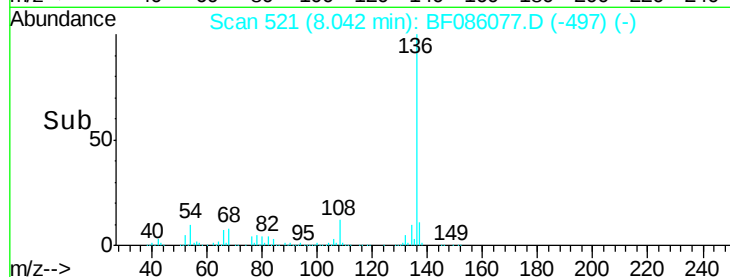
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF086077.D
Acq: 5 Apr 2016 11:06

Instrument :
BNA_F
ClientSampleId :
TK2-DUP-20160401DL

Tot Ion:136	Resp:	387082	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.1	13.7	
54 9.7	7.4	11.0	
68 7.6	5.8	8.8	

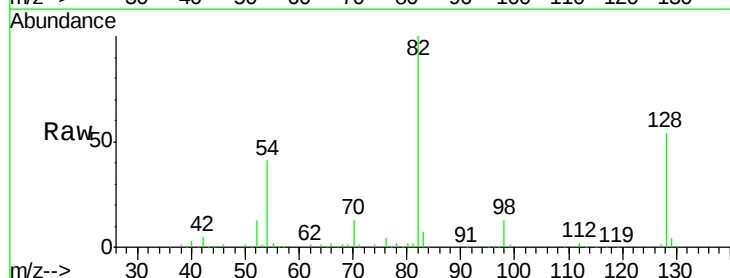


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

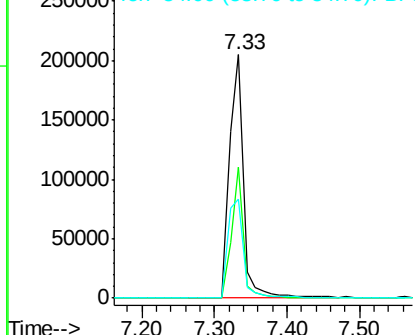
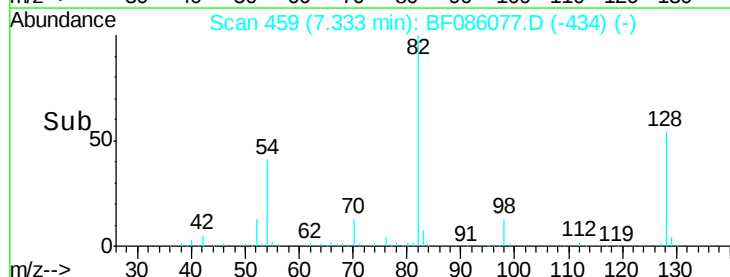


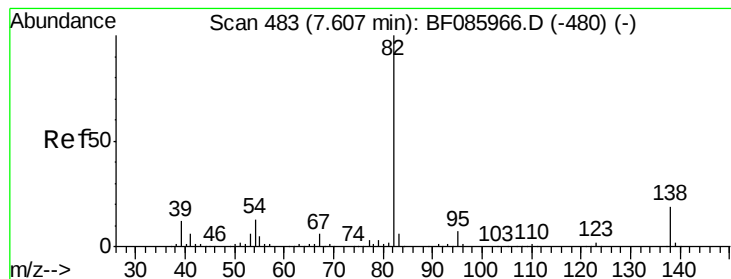
#23
Nitrobenzene-d5
Concen: 41.62 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086077.D
Acq: 5 Apr 2016 11:06

Tgt	Ion: 82	Resp:	273175
Ion	Ratio	Lower	Upper
82	100		
128	53.8	41.8	62.8
54	40.5	33.4	50.0



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





#25

Isophorone

Concen: 21.06 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.27 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401DL

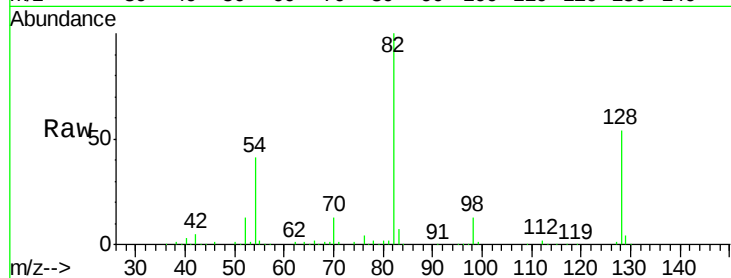
Tot Ion: 82 Resp: 272912

Ion Ratio Lower Upper

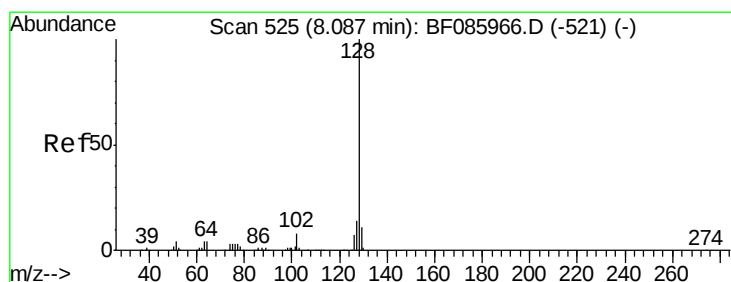
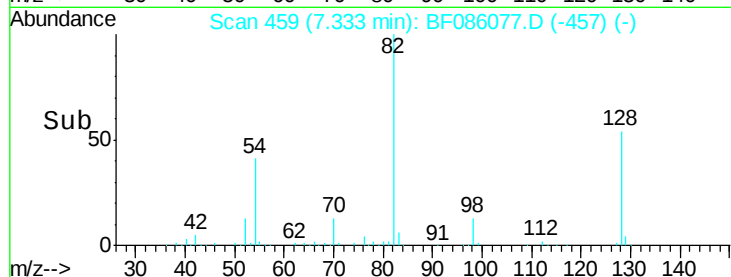
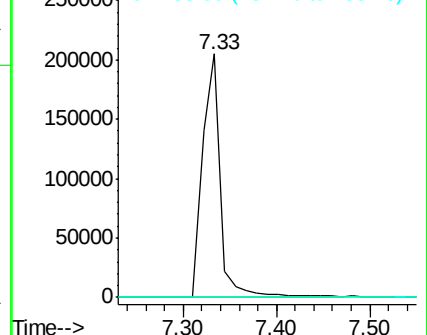
82 100

95 0.2 5.4 8.2#

138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 6.60 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

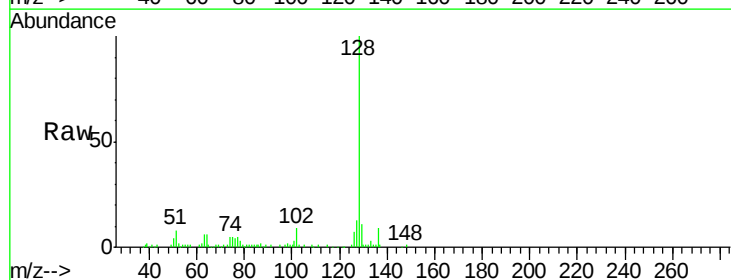
Tgt Ion: 128 Resp: 128536

Ion Ratio Lower Upper

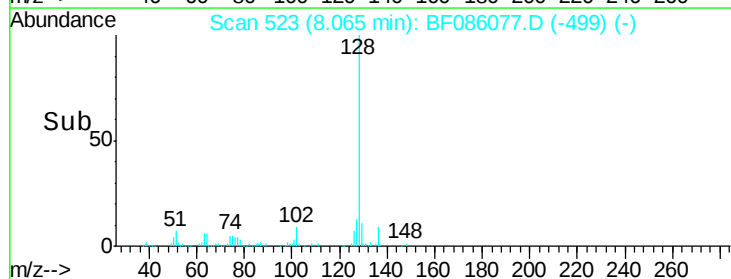
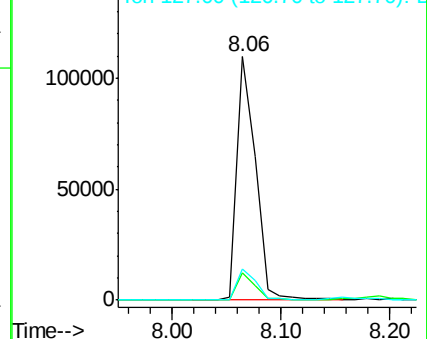
128 100

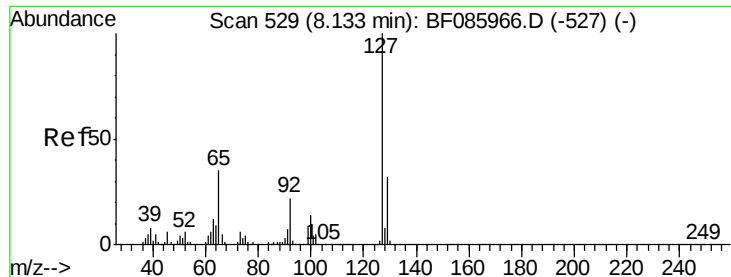
129 11.4 9.4 14.0

127 13.0 11.0 16.6



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

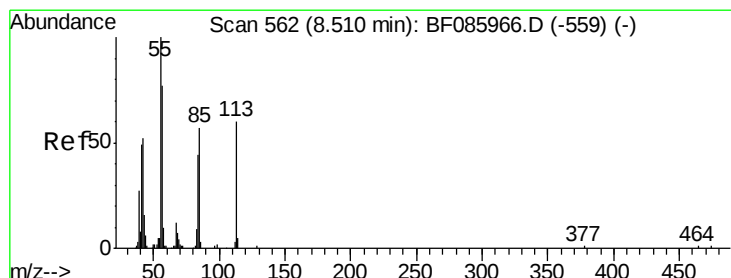
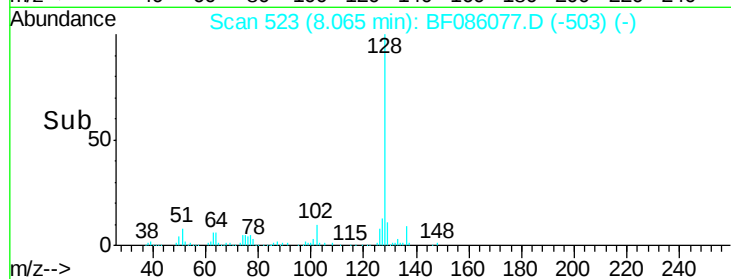
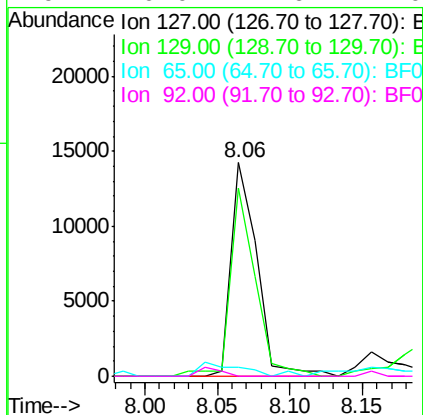
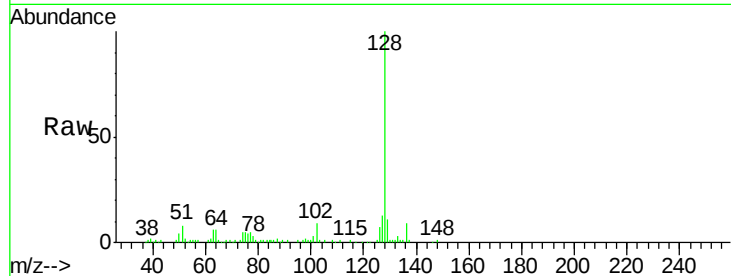




#33
4-Chloroaniline
Concen: 2.22 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.07 min
Lab File: BF086077.D
Acq: 5 Apr 2016 11:06

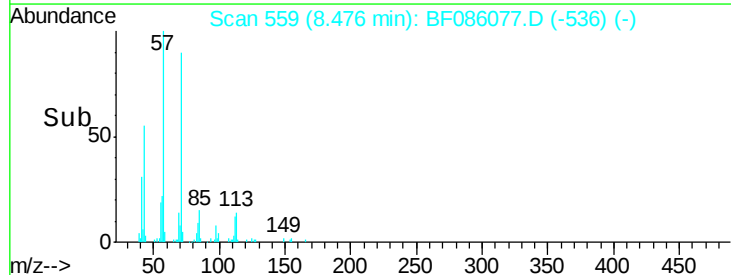
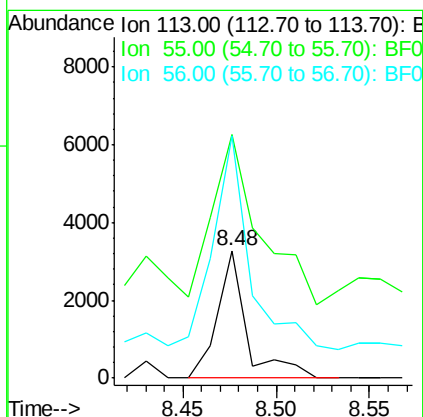
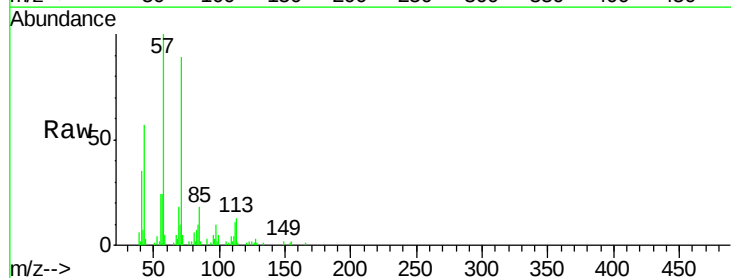
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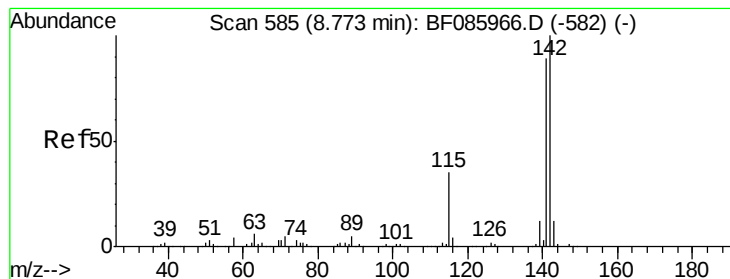
Tot Ion	Ratio	Lower	Upper
127	100		
129	87.9	26.1	39.1#
65	4.0	19.5	29.3#
92	0.0	14.6	22.0#



#35
Caprolactam
Concen: 2.17 ng
RT: 8.48 min Scan# 559
Delta R.T. -0.03 min
Lab File: BF086077.D
Acq: 5 Apr 2016 11:06

Tgt Ion	Ratio	Lower	Upper
113	100		
55	191.2	139.4	179.4#
56	190.2	100.4	140.4#

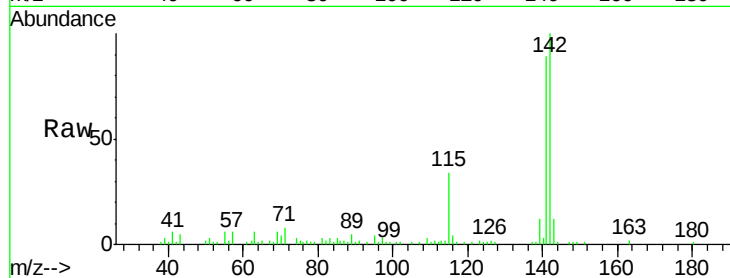




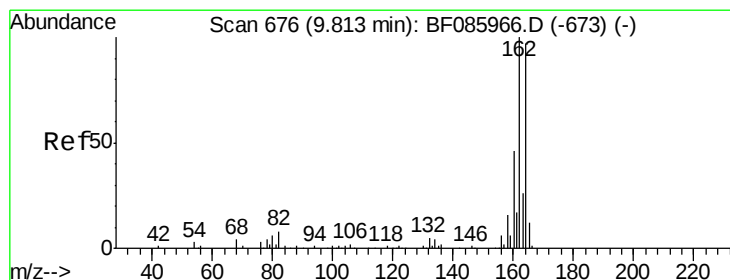
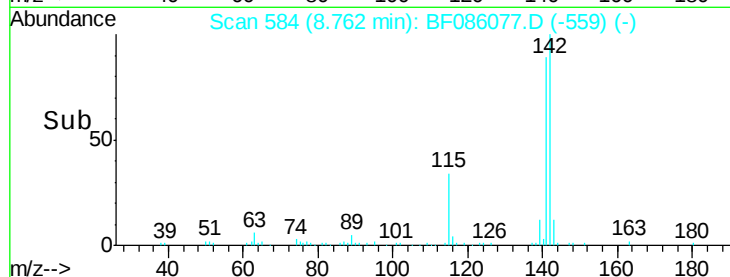
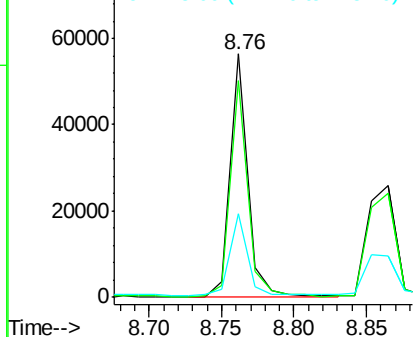
#37
2-Methylnaphthalene
Concen: 3.78 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF086077.D
Acq: 5 Apr 2016 11:06

Instrument :
BNA_F
ClientSampleId :
TK2-DUP-20160401DL

Tot Ion:142 Resp: 48130
Ion Ratio Lower Upper
142 100
141 89.0 71.6 107.4
115 34.1 26.8 40.2

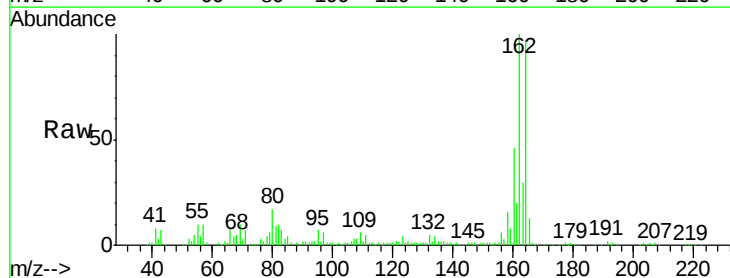


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

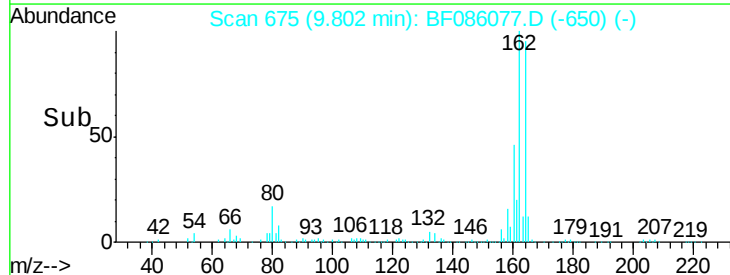
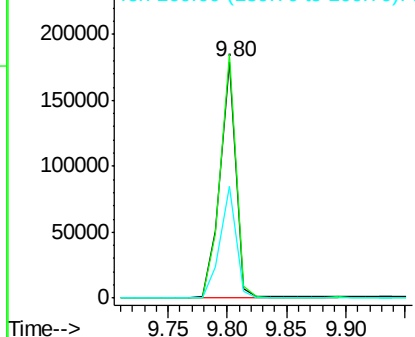


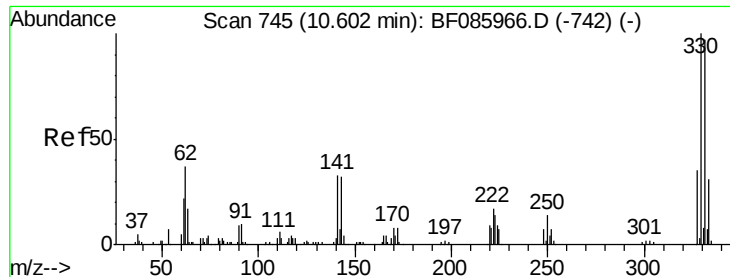
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086077.D
Acq: 5 Apr 2016 11:06

Tgt Ion:164 Resp: 164480
Ion Ratio Lower Upper
164 100
162 103.0 82.1 123.1
160 47.4 37.4 56.2



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

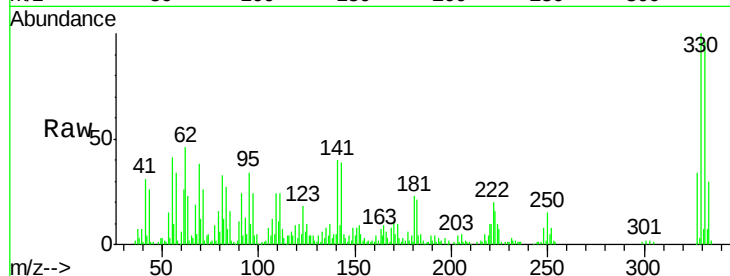




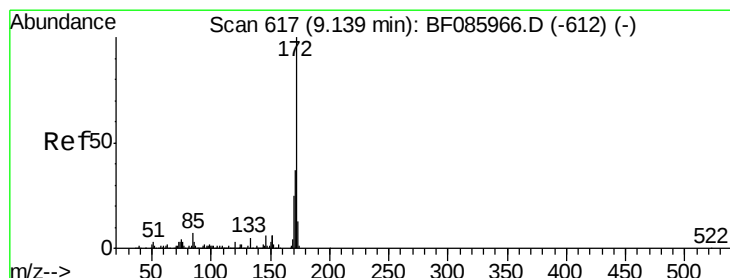
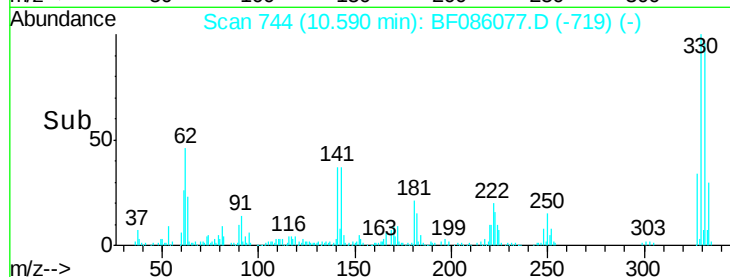
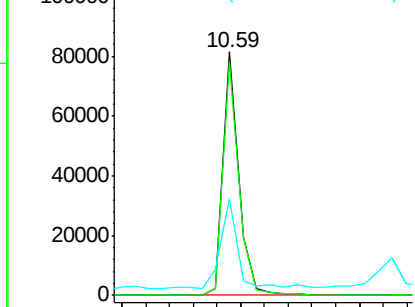
#41
 2,4,6-Tribromophenol
 Concen: 47.87 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086077.D
 Acq: 5 Apr 2016 11:06

Instrument :
 BNA_F
 ClientSampleId :
 TK2-DUP-20160401DL

Tot Ion:330 Resp: 73904
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.2 117.2
 141 41.6 31.5 47.3

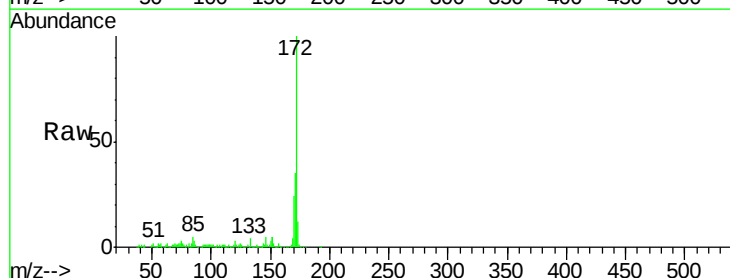


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

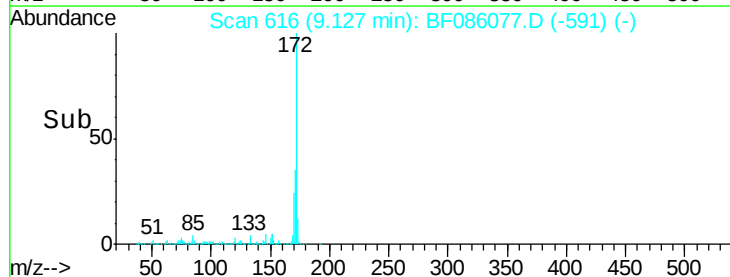
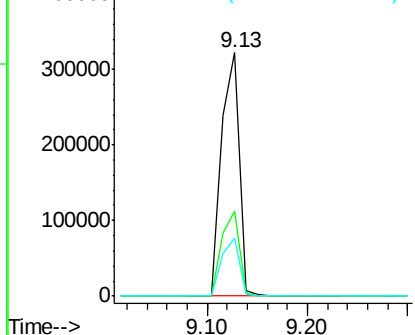


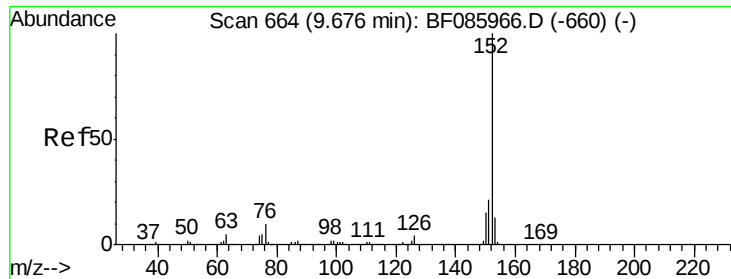
#44
 2-Fluorobiphenyl
 Concen: 39.95 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086077.D
 Acq: 5 Apr 2016 11:06

Tgt Ion:172 Resp: 395180
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.4 44.2
 170 23.6 19.8 29.6



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: 2.94 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401DL

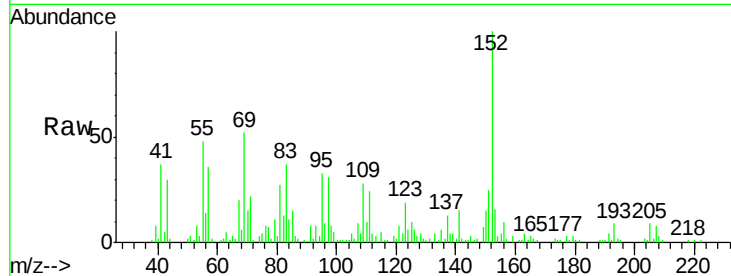
Tot Ion:152 Resp: 48393

Ion Ratio Lower Upper

152 100

151 24.9 16.8 25.2

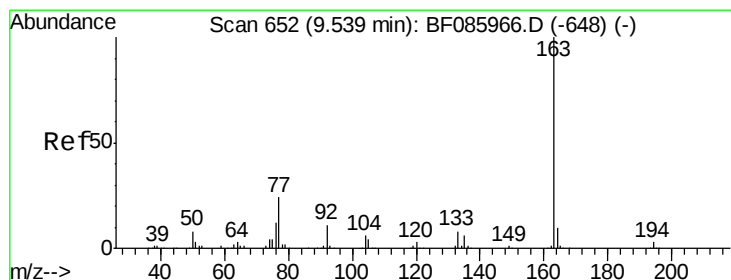
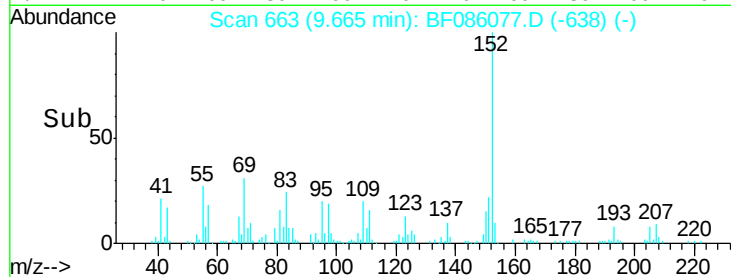
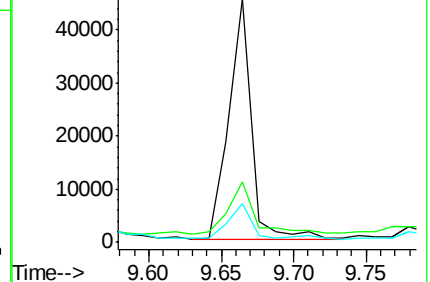
153 15.9 10.9 16.3



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: 3.59 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.02 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

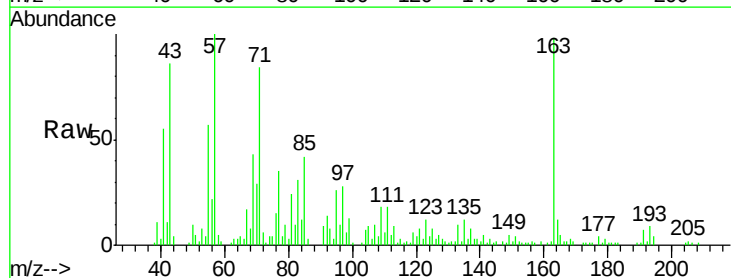
Tgt Ion:163 Resp: 43733

Ion Ratio Lower Upper

163 100

194 4.6 2.9 4.3#

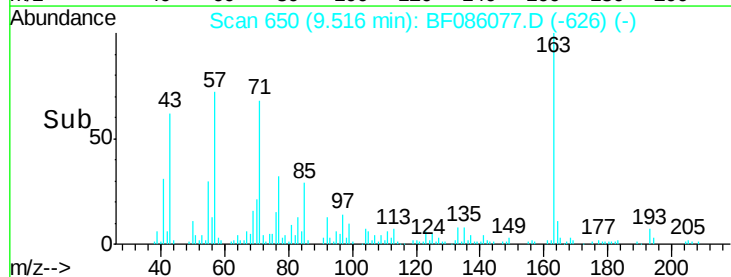
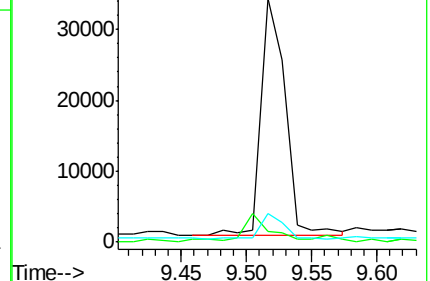
164 11.9 8.3 12.5

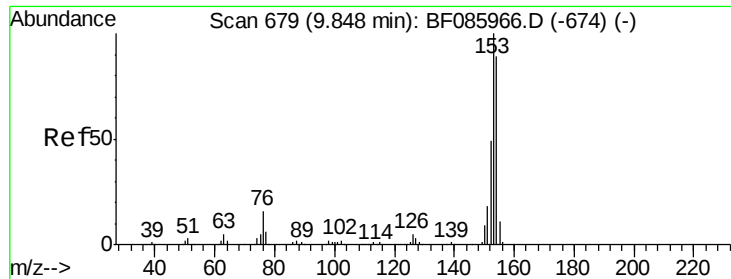


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 3.46 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401DL

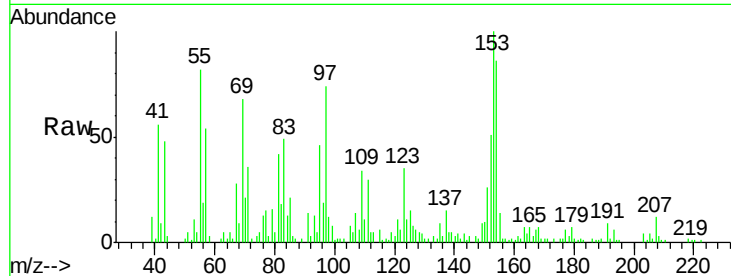
Tot Ion:154 Resp: 33872

Ion Ratio Lower Upper

154 100

153 116.1 90.1 135.1

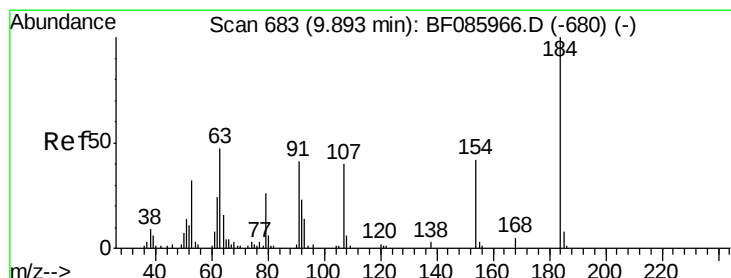
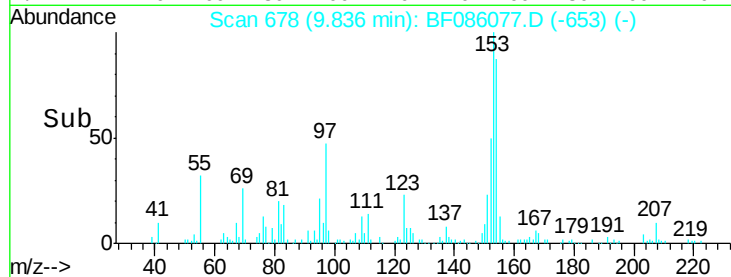
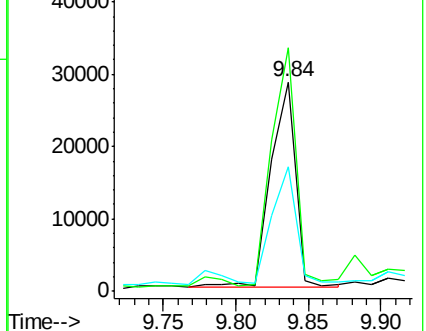
152 59.3 44.2 66.2



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: 2.19 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.19 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

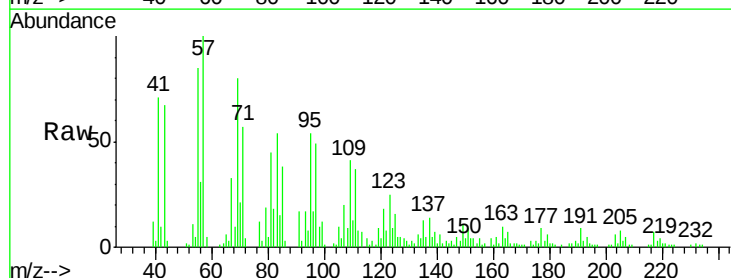
Tgt Ion:184 Resp: 252

Ion Ratio Lower Upper

184 100

63 83.4 69.5 104.3

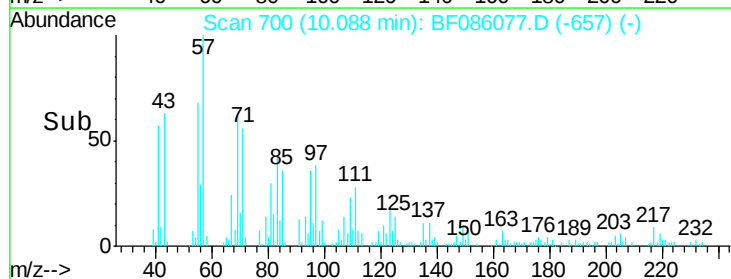
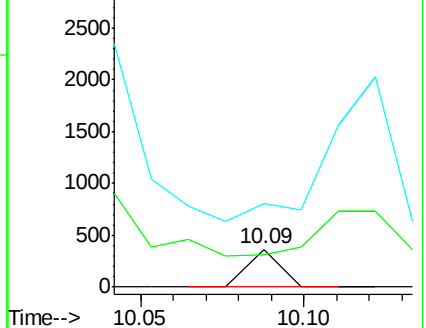
154 217.9 58.3 87.5#

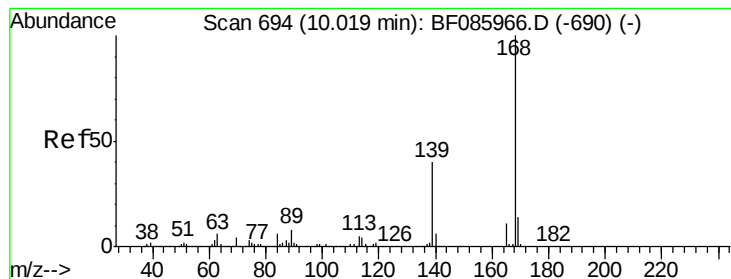


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 5.76 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401DL

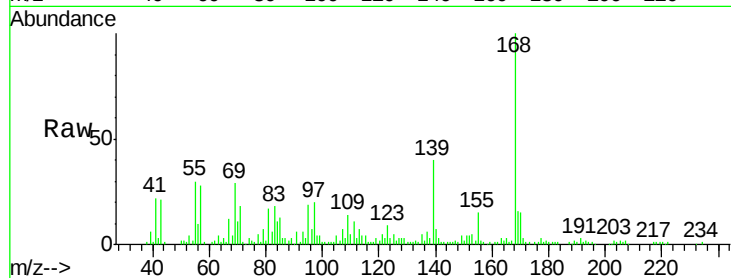
Tot Ion:168 Resp: 74456

Ion Ratio Lower Upper

168 100

139 40.2 31.9 47.9

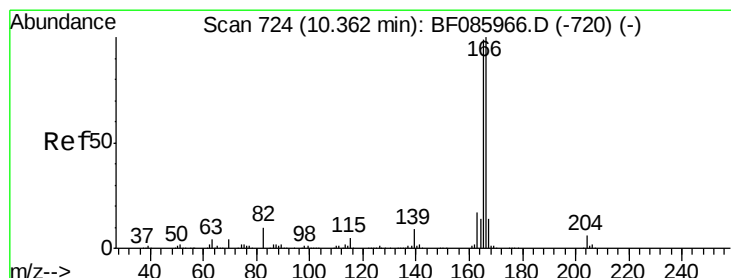
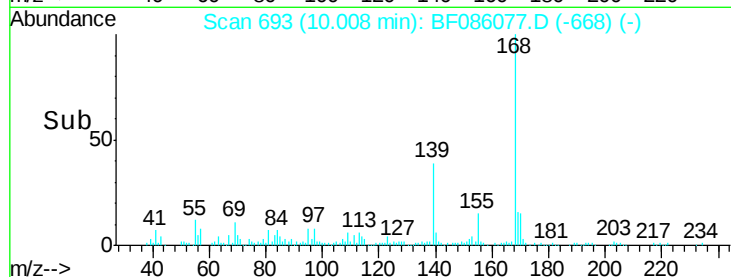
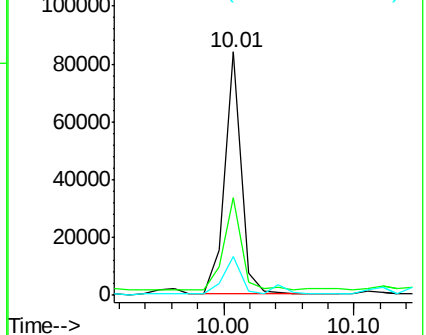
169 15.8 11.0 16.6



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



#57

Fluorene

Concen: 8.50 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

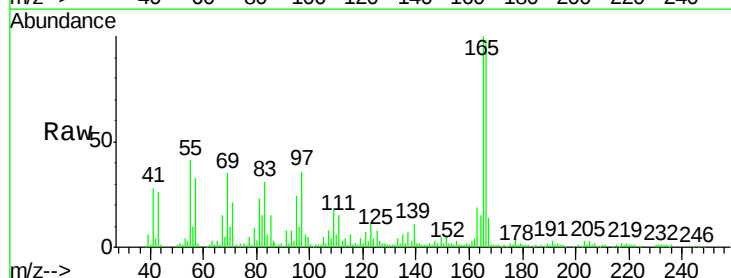
Tgt Ion:166 Resp: 93886

Ion Ratio Lower Upper

166 100

165 101.8 79.4 119.0

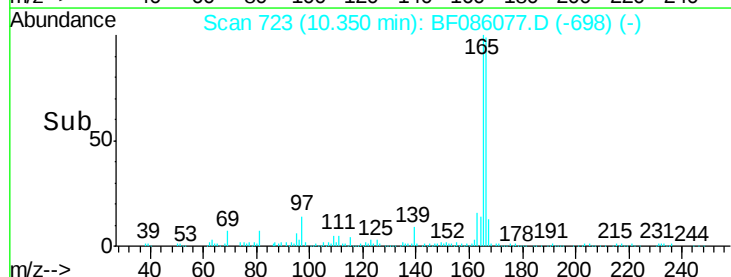
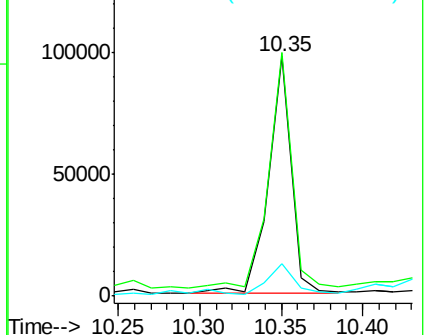
167 13.8 11.0 16.4

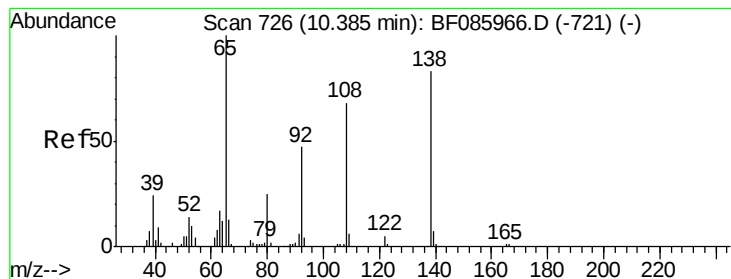


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#61

4-Nitroaniline

Concen: 2.38 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.14 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401DL

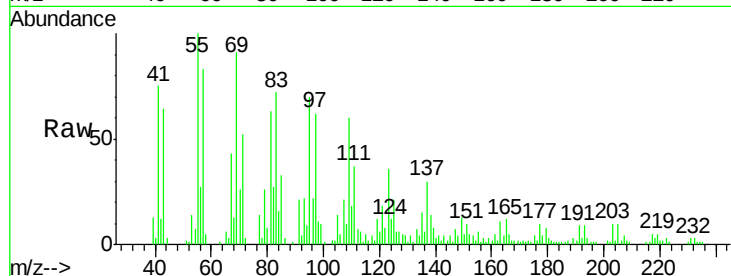
Tot Ion:138 Resp: 7293

Ion Ratio Lower Upper

138 100

92 29.0 26.4 66.4

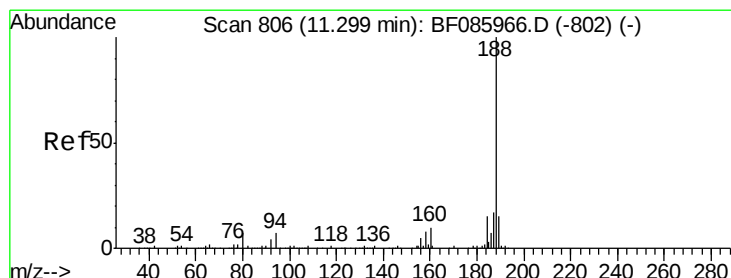
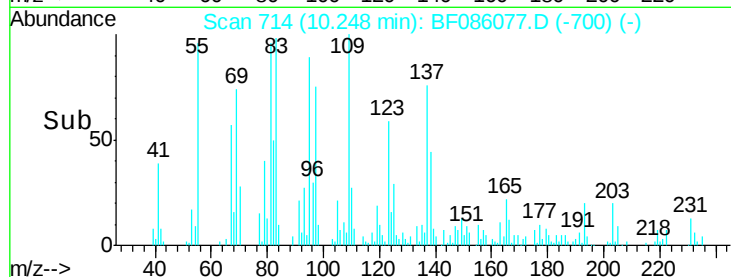
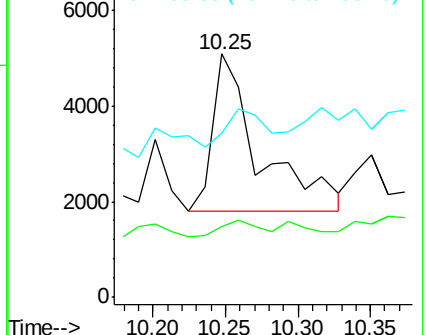
108 67.3 49.0 89.0



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: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

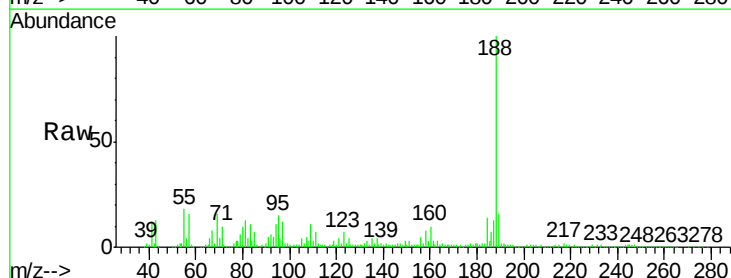
Tgt Ion:188 Resp: 246608

Ion Ratio Lower Upper

188 100

94 10.8 5.4 8.0#

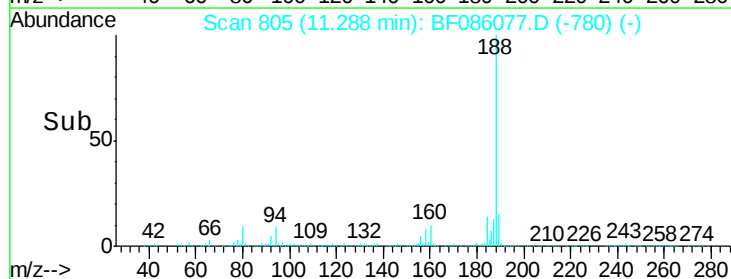
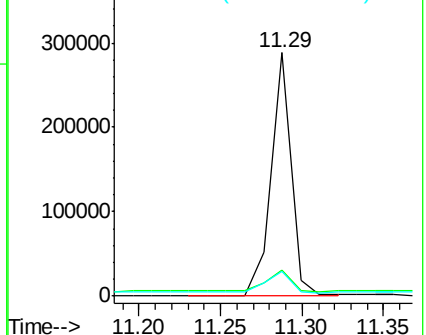
80 10.4 5.5 8.3#

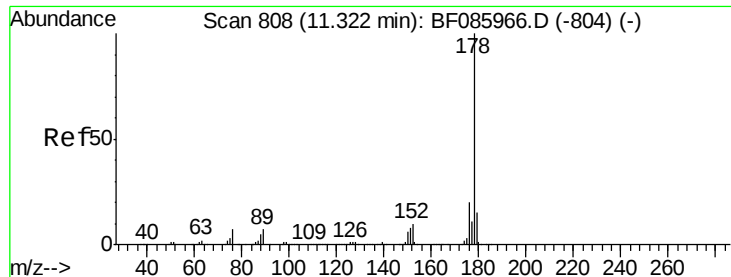


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 46.41 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401DL

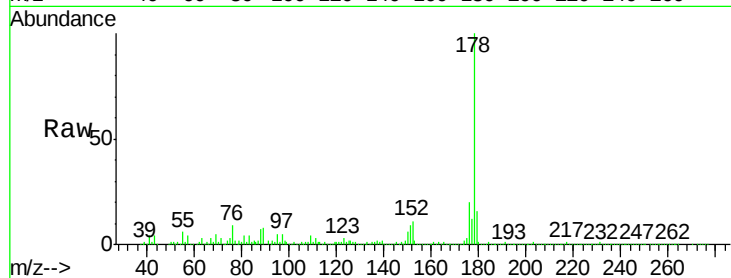
Tot Ion:178 Resp: 624433

Ion Ratio Lower Upper

178 100

176 20.0 16.3 24.5

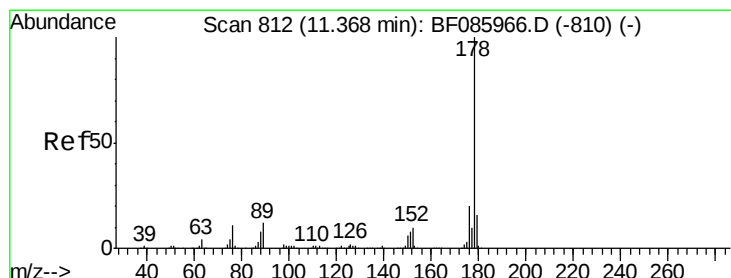
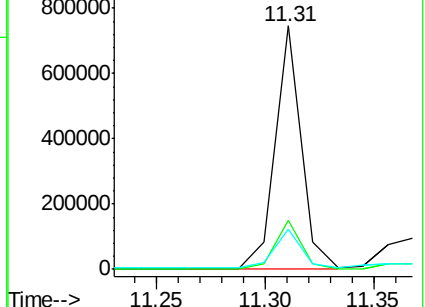
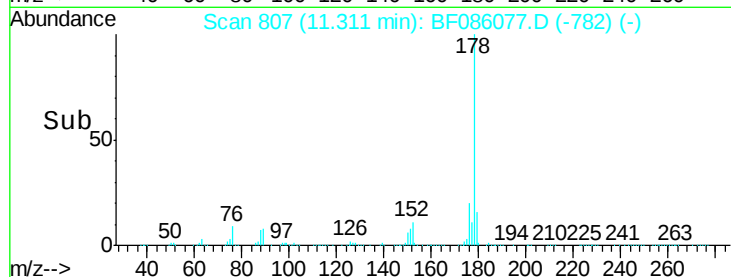
179 16.3 12.6 18.8



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: 44.31 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.06 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

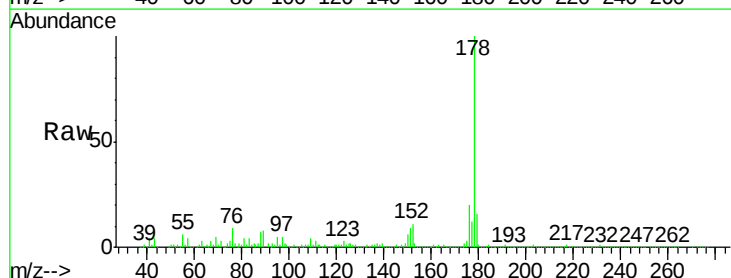
Tgt Ion:178 Resp: 624433

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

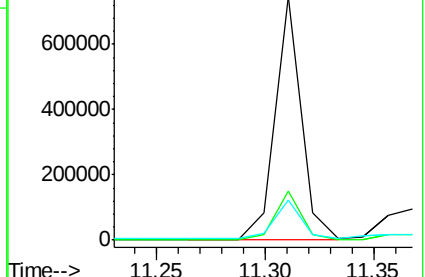
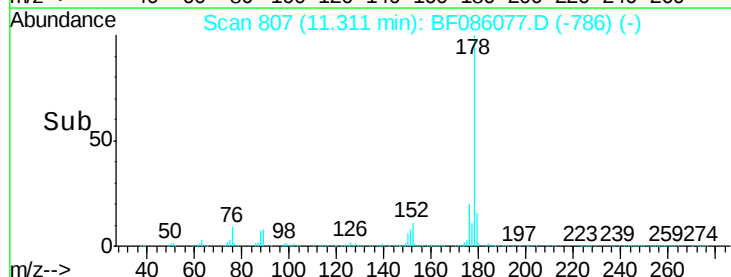
179 16.3 13.0 19.4

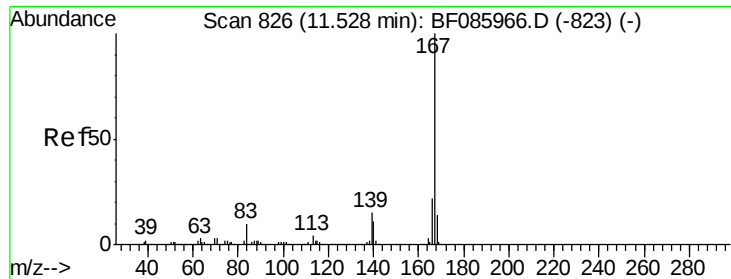


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.69 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401DL

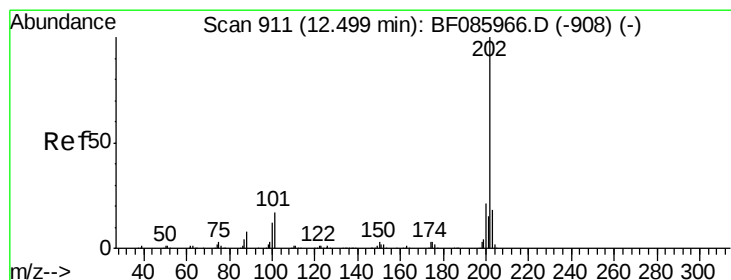
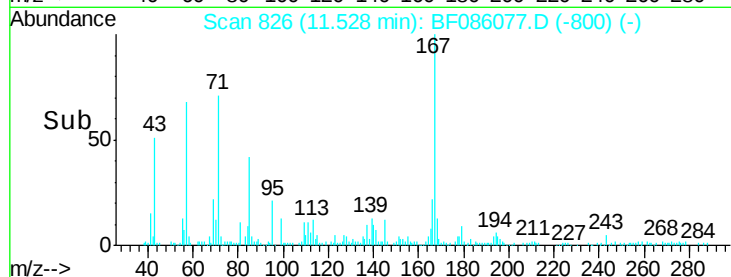
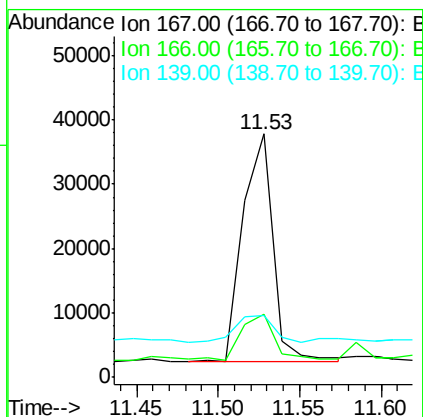
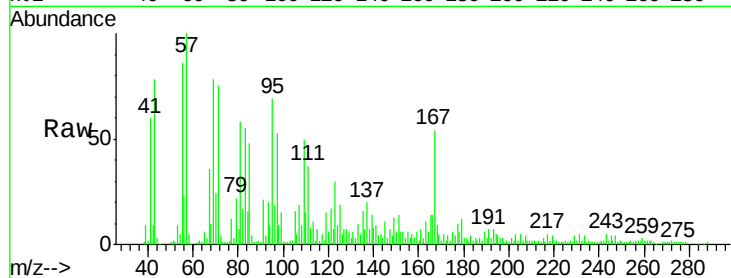
Tot Ion:167 Resp: 44735

Ion Ratio Lower Upper

167 100

166 26.1 17.8 26.8

139 25.3 11.6 17.4#



#74

Fluoranthene

Concen: 36.57 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

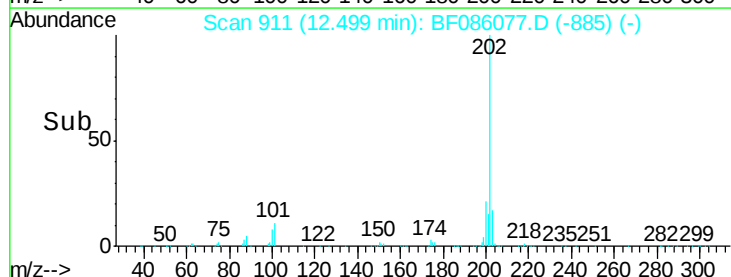
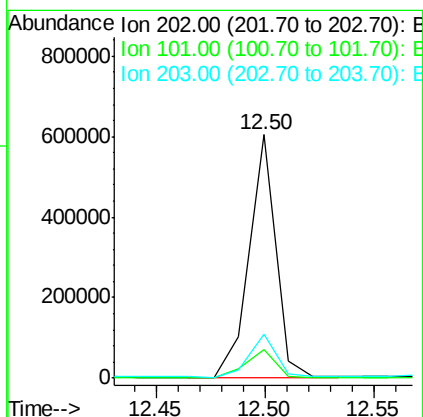
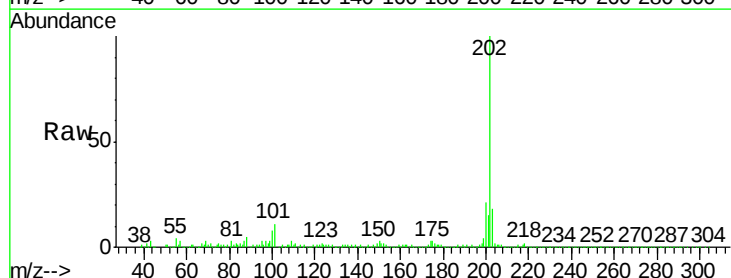
Tgt Ion:202 Resp: 511734

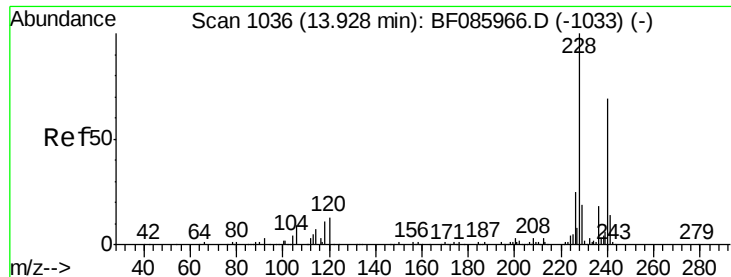
Ion Ratio Lower Upper

202 100

101 11.5 0.0 36.6

203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401DL

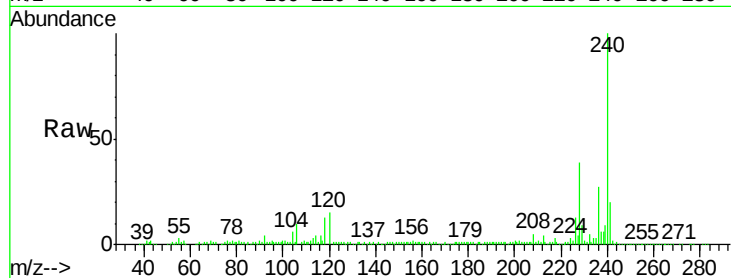
Tot Ion:240 Resp: 220308

Ion Ratio Lower Upper

240 100

120 14.9 13.8 20.8

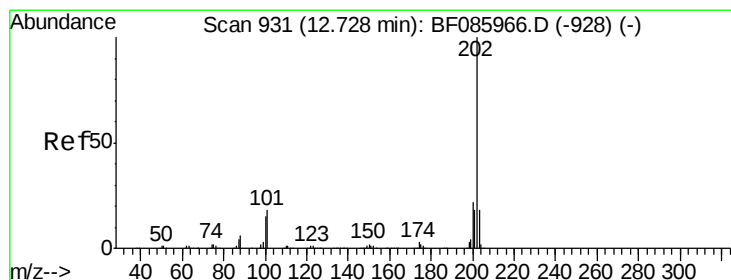
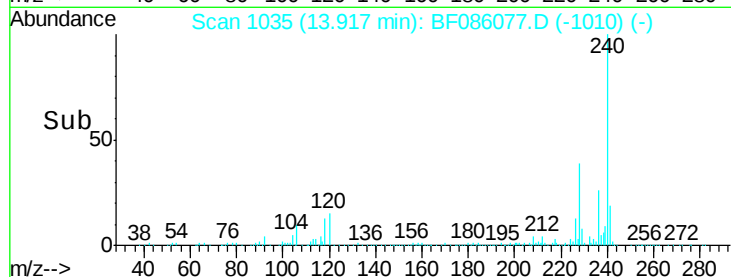
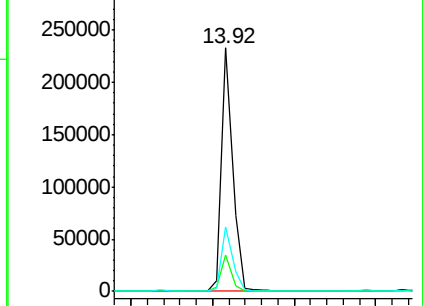
236 26.7 20.6 30.8



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: 30.54 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

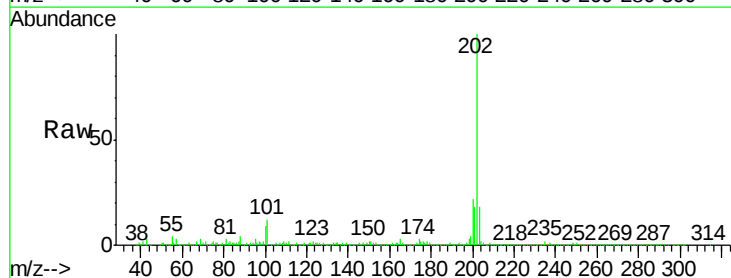
Tgt Ion:202 Resp: 474139

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

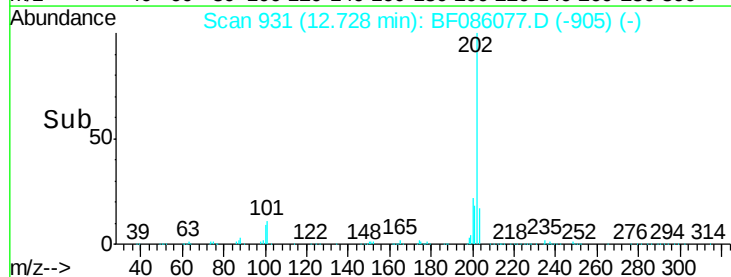
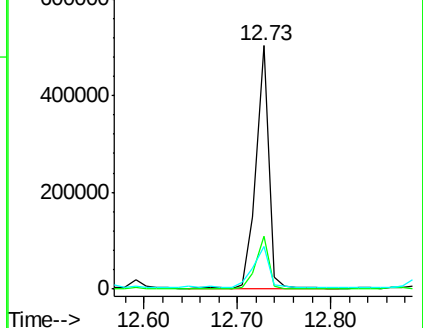
203 17.6 14.0 21.0

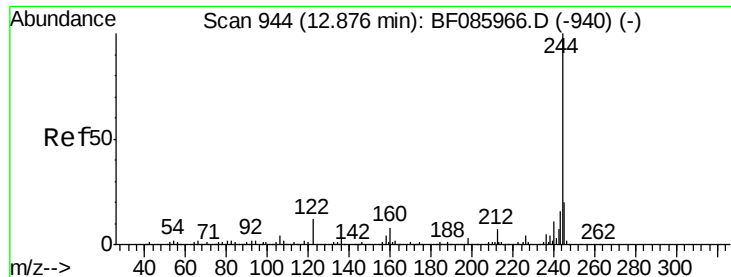


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

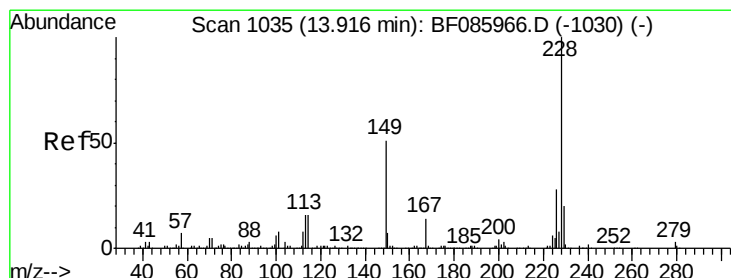
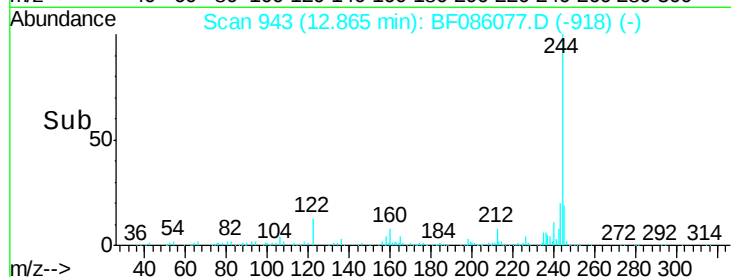
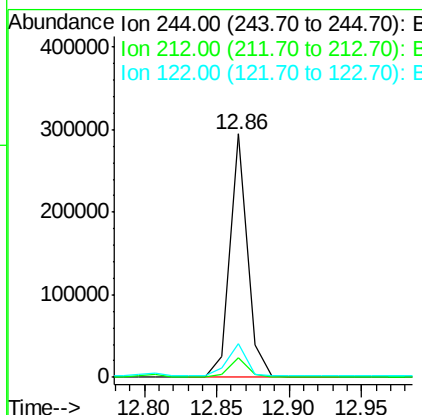
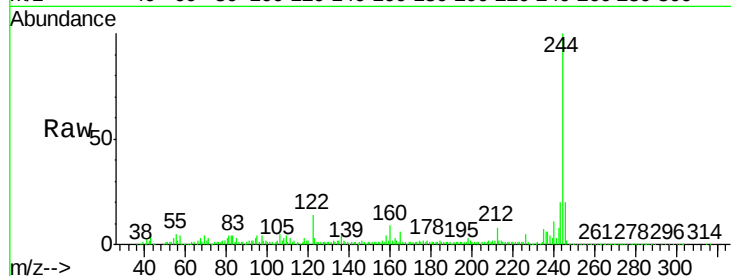




#78
 Terphenyl-d14
 Concen: 26.38 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF086077.D
 Acq: 5 Apr 2016 11:06

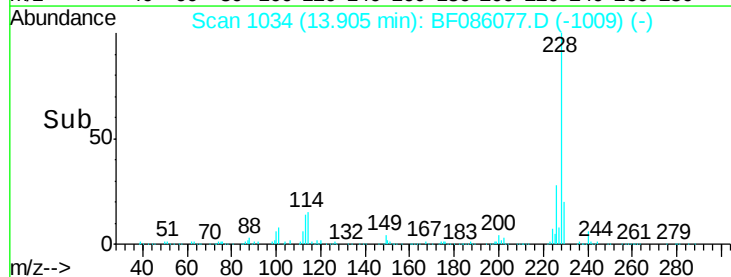
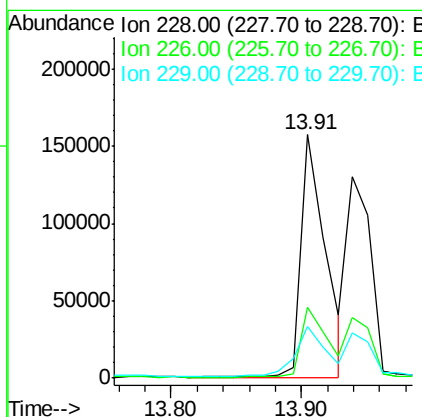
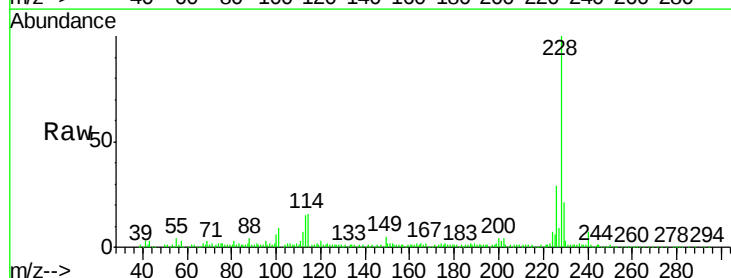
Instrument :
 BNA_F
 ClientSampleId :
 TK2-DUP-20160401DL

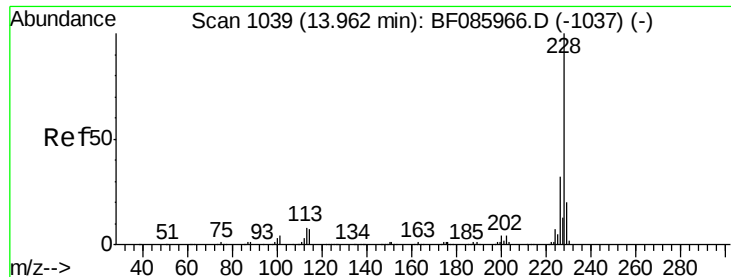
Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.1	9.1
122	14.0	10.2	15.4



#80
 Benzo(a)anthracene
 Concen: 15.72 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF086077.D
 Acq: 5 Apr 2016 11:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.1	33.1
229	21.2	16.2	24.4





#82

Chrysene

Concen: 13.09 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

Instrument :

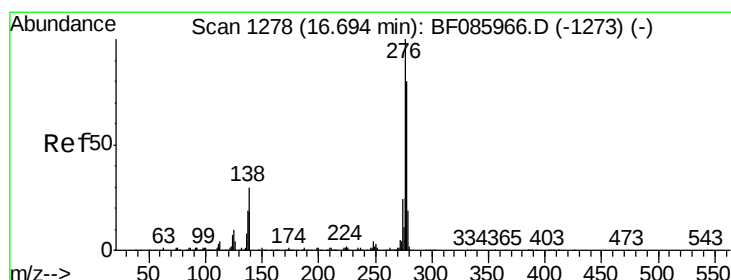
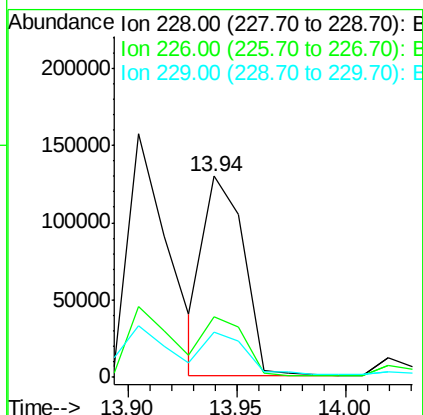
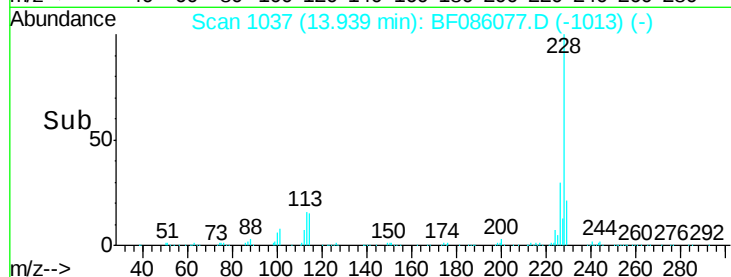
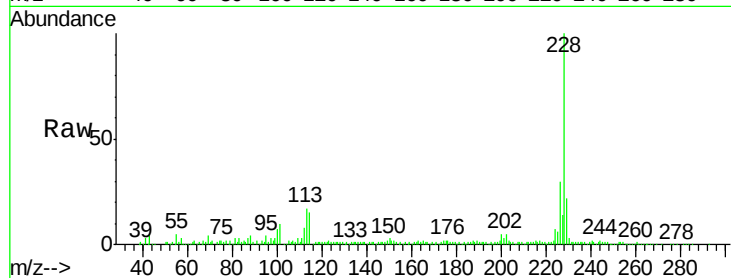
BNA_F

ClientSampleId :

TK2-DUP-20160401DL

Tot Ion:228 Resp: 163720

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	22.4	15.7	23.5



#85

Indeno(1,2,3-cd)pyrene

Concen: 5.93 ng

RT: 16.68 min Scan# 1277

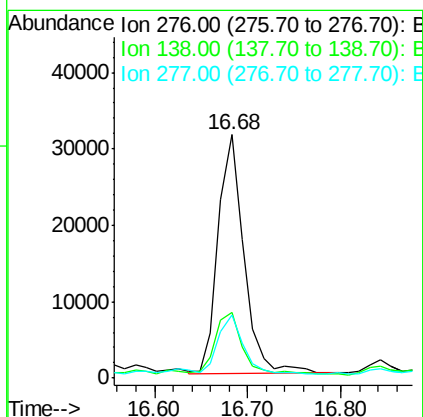
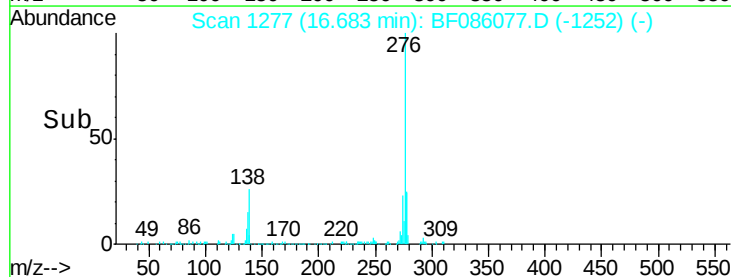
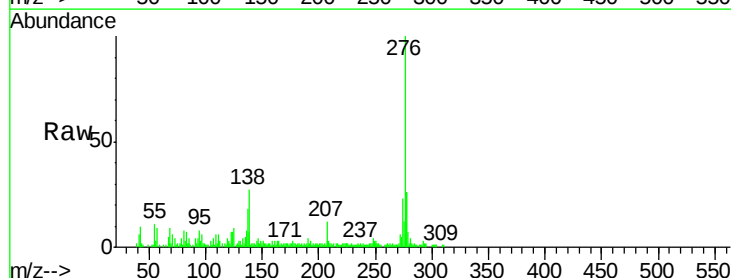
Delta R.T. -0.01 min

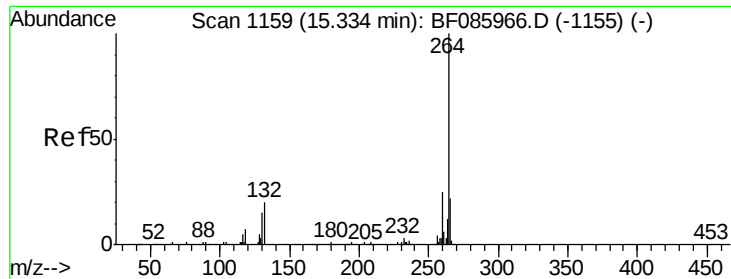
Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

Tgt Ion:276 Resp: 60169

Ion	Ratio	Lower	Upper
276	100		
138	30.4	24.2	36.4
277	27.3	20.0	30.0

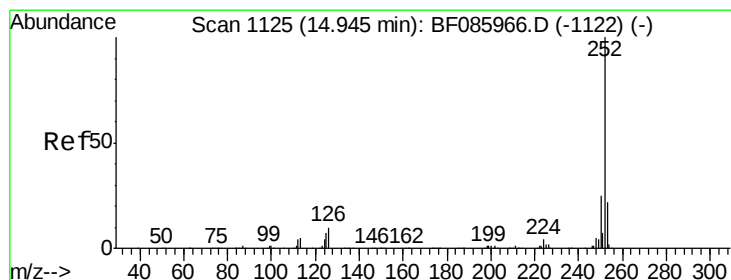
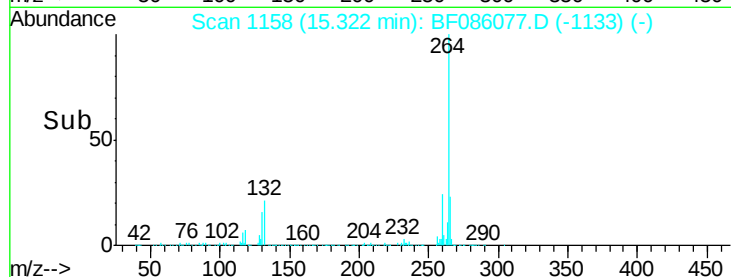
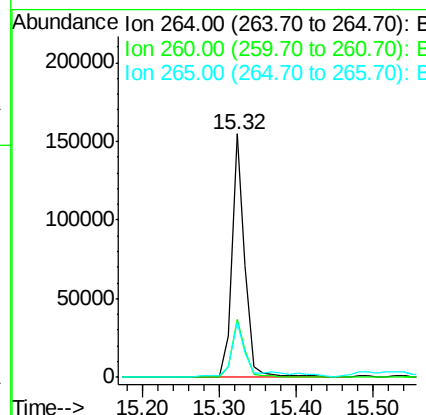
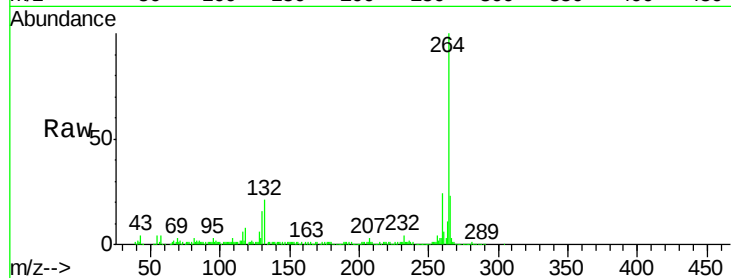




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF086077.D
Acq: 5 Apr 2016 11:06

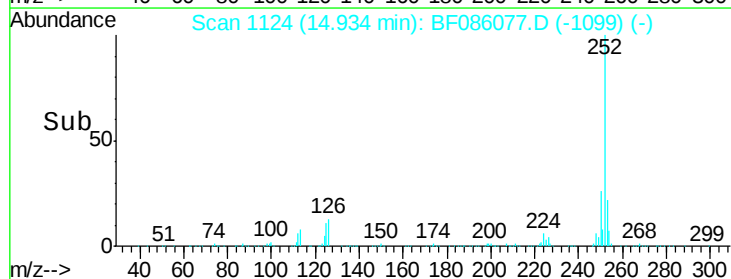
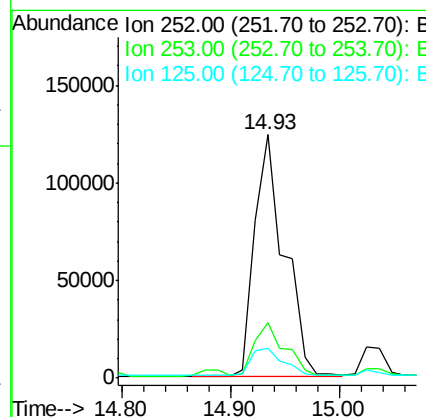
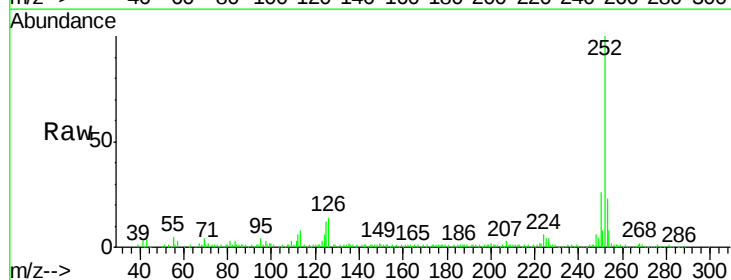
Instrument :
BNA_F
ClientSampleId :
TK2-DUP-20160401DL

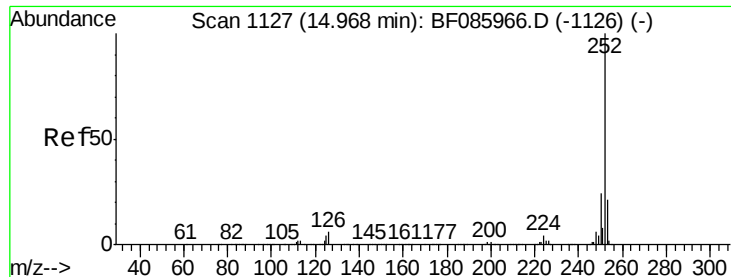
Tot Ion:264 Resp: 185877
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 22.8 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 20.27 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF086077.D
Acq: 5 Apr 2016 11:06

Tgt Ion:252 Resp: 237037
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 12.2 10.3 15.5

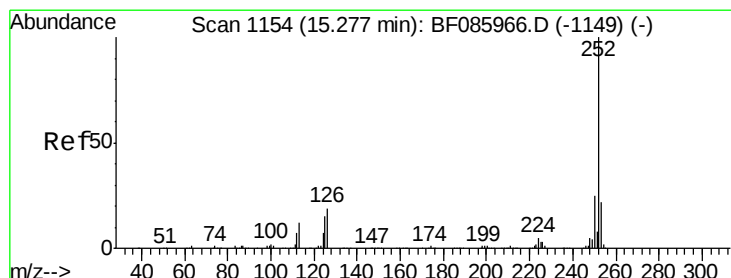
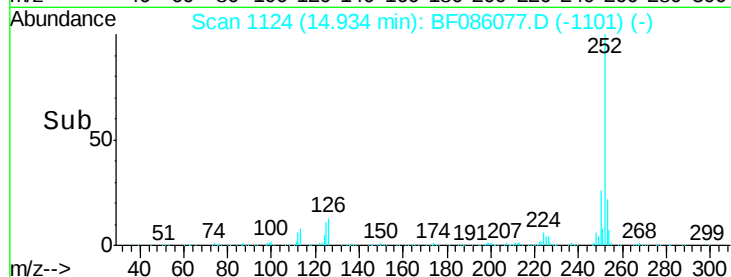
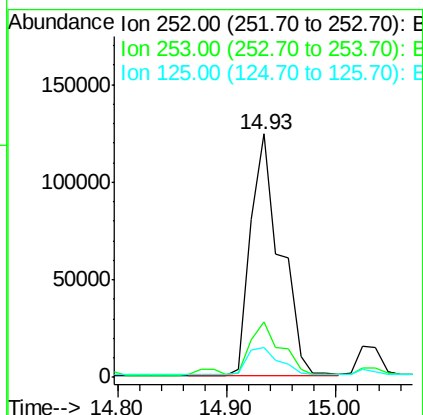
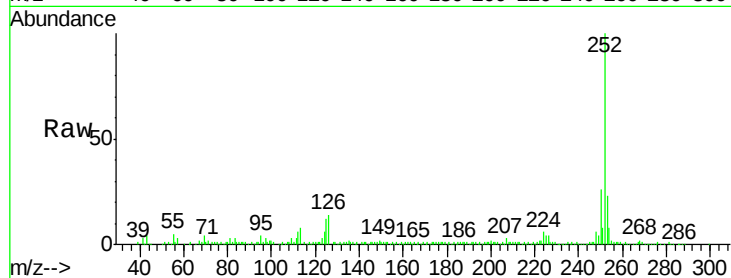




#88
Benzo(k)fluoranthene
Concen: 22.89 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.03 min
Lab File: BF086077.D
Acq: 5 Apr 2016 11:06

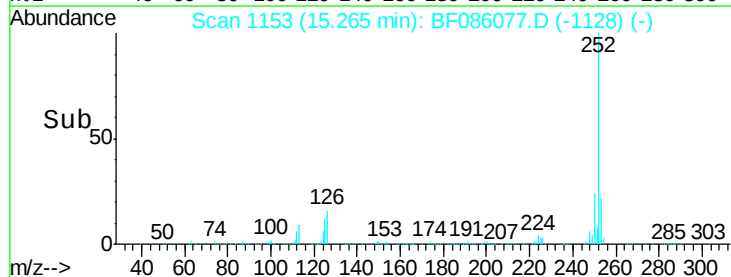
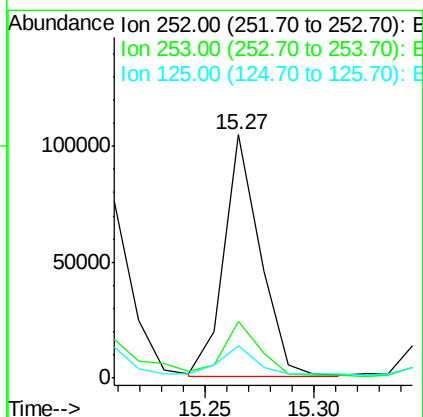
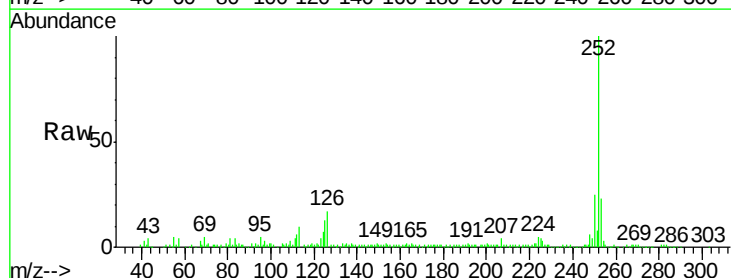
Instrument :
BNA_F
ClientSampleId :
TK2-DUP-20160401DL

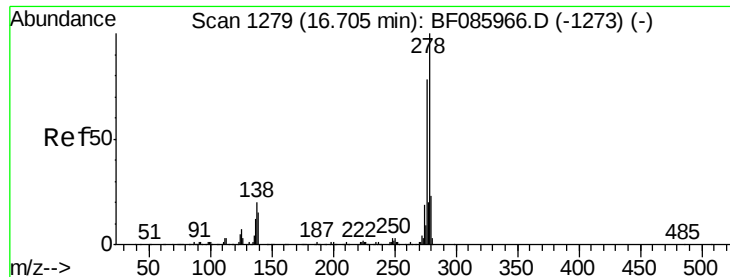
Tot Ion:252 Resp: 237037
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 12.2 7.7 11.5#



#89
Benzo(a)pyrene
Concen: 11.65 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF086077.D
Acq: 5 Apr 2016 11:06

Tgt Ion:252 Resp: 120652
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.0
125 13.2 10.3 15.5





#90

Dibenzo(a,h)anthracene

Concen: 2.05 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

Instrument :

BNA_F

ClientSampleId :

TK2-DUP-20160401DL

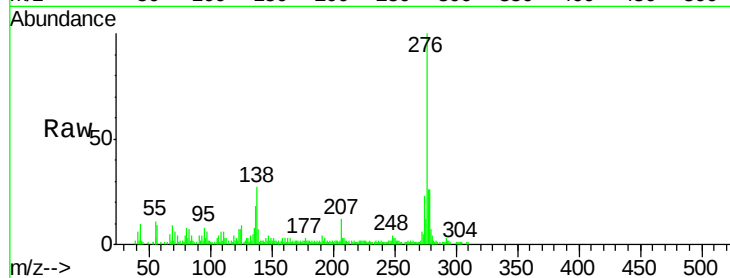
Tot Ion:278 Resp: 17116

Ion Ratio Lower Upper

278 100

139 26.3 14.4 21.6#

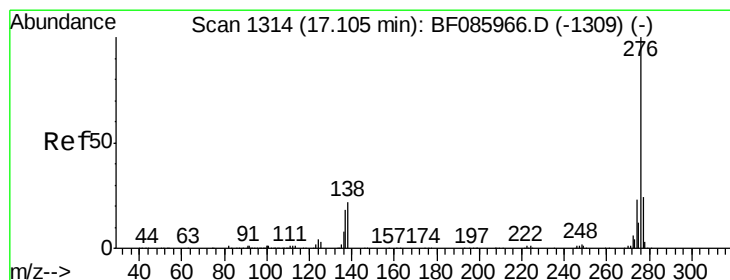
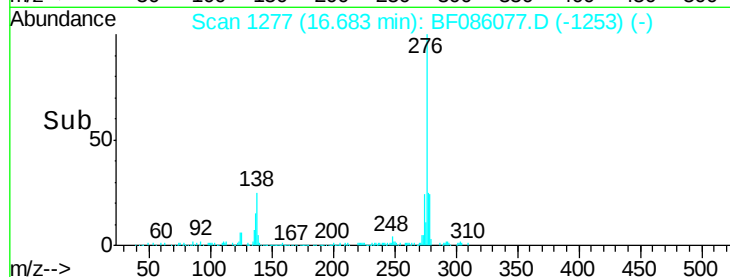
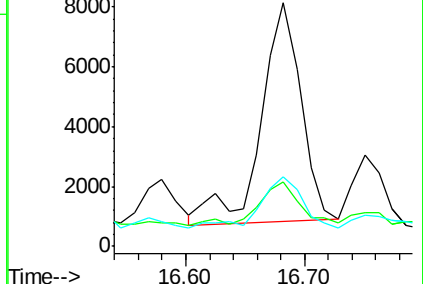
279 28.6 19.1 28.7



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: 6.97 ng

RT: 17.09 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF086077.D

Acq: 5 Apr 2016 11:06

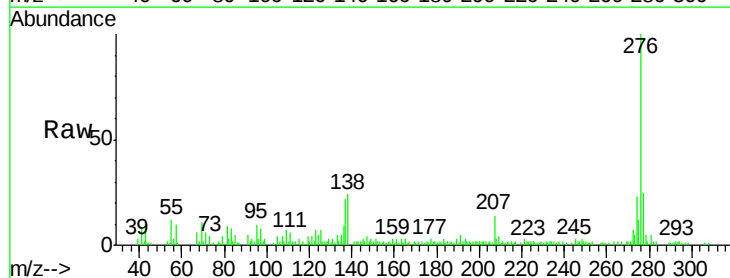
Tgt Ion:276 Resp: 56223

Ion Ratio Lower Upper

276 100

277 24.6 18.8 28.2

138 24.2 22.6 34.0



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

