

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
 Data File : BF088378.D
 Acq On : 25 Jun 2016 15:47
 Operator : UM/SJ
 Sample : H3624-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1496(0-4)

Quant Time: Jun 26 01:57:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	85338	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	329235	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	141556	20.00	ng	-0.06
63) Phenanthrene-d10	11.07	188	239424	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	164784	20.00	ng	-0.05
86) Perylene-d12	15.05	264	153483	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	411970	82.53	ng	-0.03
7) Phenol-d6	6.23	99	548381	90.65	ng	-0.03
23) Nitrobenzene-d5	7.14	82	414503	73.52	ng	-0.03
41) 2,4,6-Tribromophenol	10.39	330	112889	75.53	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	682606	75.11	ng	-0.05
78) Terphenyl-d14	12.65	244	505229	69.77	ng	-0.05

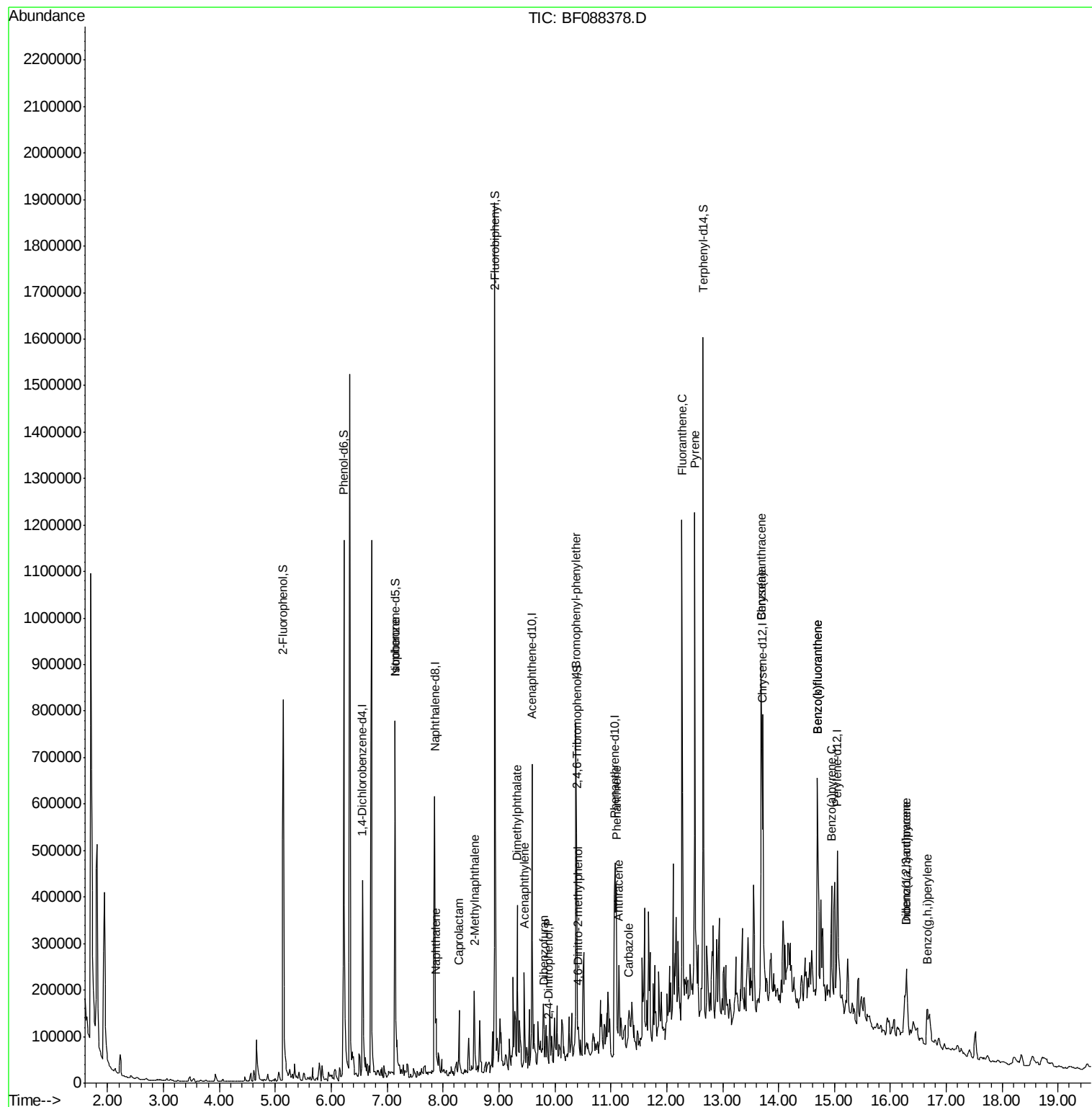
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.24	94	7057	Below Cal	#	10
25) Isophorone	7.14	82	398157	38.13	ng	65
31) Naphthalene	7.87	128	63334	3.89	ng	100
35) Caprolactam	8.28	113	3466	2.33	ng	76
37) 2-Methylnaphthalene	8.56	142	56491	5.26	ng	97
45) 1,1'-Biphenyl	9.03	154	7914	Below Cal		97
48) Acenaphthylene	9.45	152	81527	5.60	ng	98
49) Dimethylphthalate	9.32	163	115274	11.24	ng	99
53) 2,4-Dinitrophenol	9.88	184	890	3.95	ng	# 47
54) Dibenzofuran	9.80	168	28189	2.25	ng	# 90
57) Fluorene	10.14	166	10981	Below Cal	#	83
64) 4,6-Dinitro-2-methylphenol	10.41	198	2247	3.60	ng	# 69
66) 4-Bromophenyl-phenylether	10.38	248	6720	2.62	ng	# 1
70) Phenanthrene	11.10	178	201256	16.02	ng	97
71) Anthracene	11.14	178	79208	6.25	ng	98
72) Carbazole	11.31	167	27557	2.32	ng	93
74) Fluoranthene	12.27	202	501454	37.82	ng	99
77) Pyrene	12.50	202	468082	38.28	ng	100
80) Benzo(a)anthracene	13.69	228	249881	26.61	ng	# 89
82) Chrysene	13.69	228	249881	28.29	ng	93
85) Indeno(1,2,3-cd)pyrene	16.29	276	83837	10.21	ng	# 100
87) Benzo(b)fluoranthene	14.70	252	372364	34.81	ng	# 95
88) Benzo(k)fluoranthene	14.70	252	372364	46.14	ng	98
89) Benzo(a)pyrene	14.95	252	125619	14.51	ng	99
90) Dibenzo(a,h)anthracene	16.29	278	25228	3.14	ng	# 78
91) Benzo(g,h,i)perylene	16.66	276	73358	8.87	ng	97

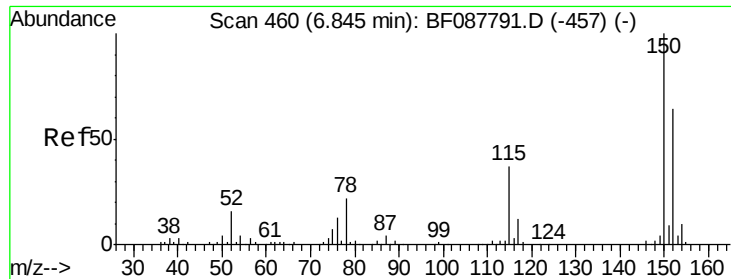
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

Instrument :

BNA_F

ClientSampleId :

SC-STA-1496(0-4)

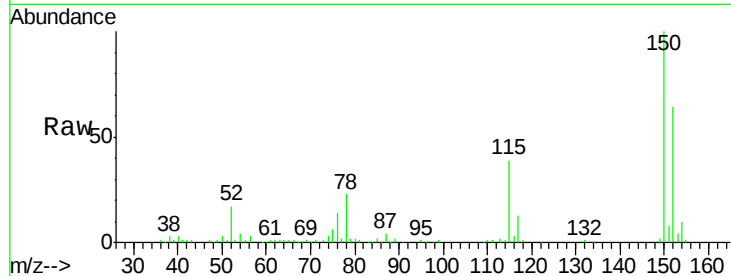
Tgt Ion:152 Resp: 85338

Ion Ratio Lower Upper

152 100

150 156.1 123.8 185.6

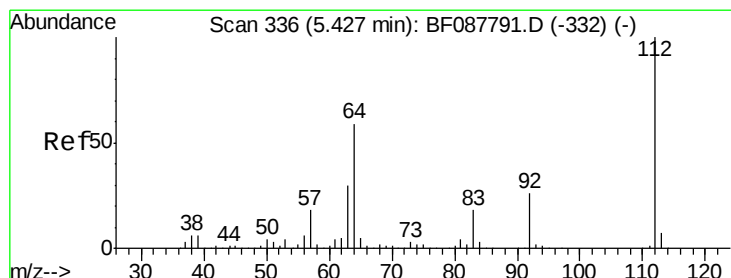
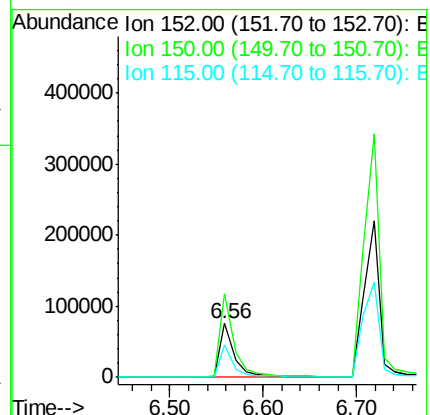
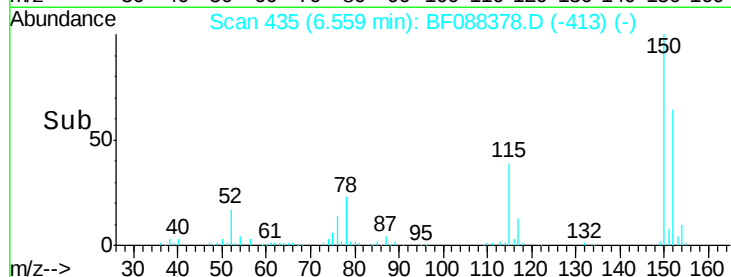
115 60.4 39.6 59.4#



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: 82.53 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.03 min

Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

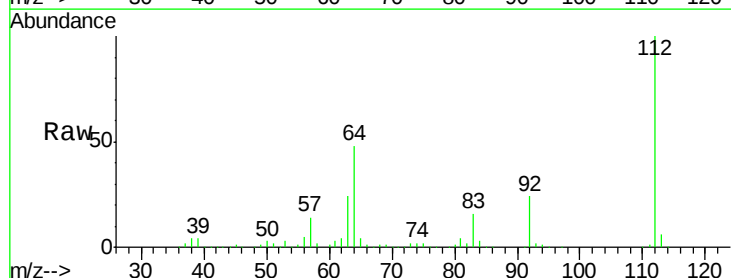
Tgt Ion:112 Resp: 411970

Ion Ratio Lower Upper

112 100

64 47.6 42.2 63.2

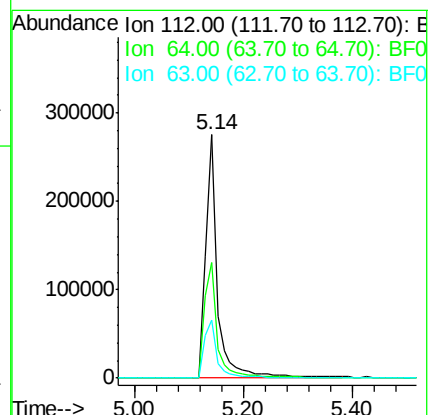
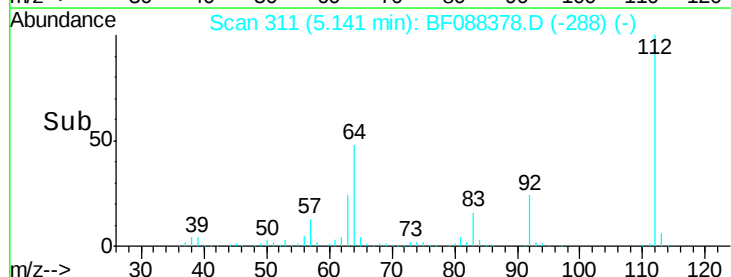
63 24.1 21.8 32.8



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: 90.65 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

Instrument :

BNA_F

ClientSampleId :

SC-STA-1496(0-4)

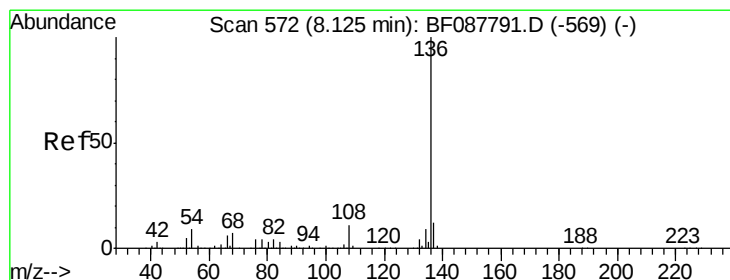
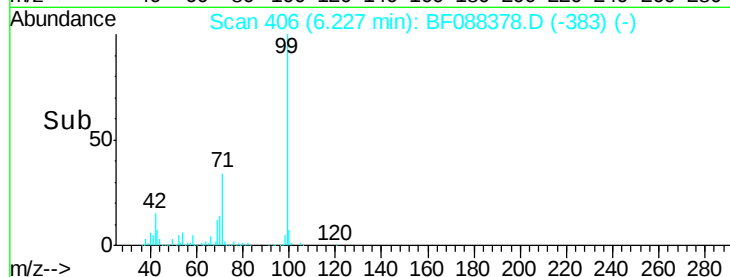
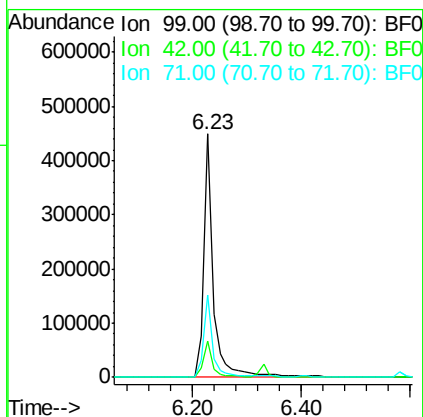
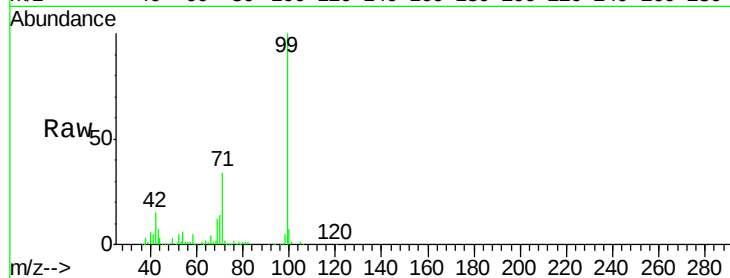
Tgt Ion: 99 Resp: 548381

Ion Ratio Lower Upper

99 100

42 14.8 12.2 18.2

71 33.8 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

Tgt Ion: 136 Resp: 329235

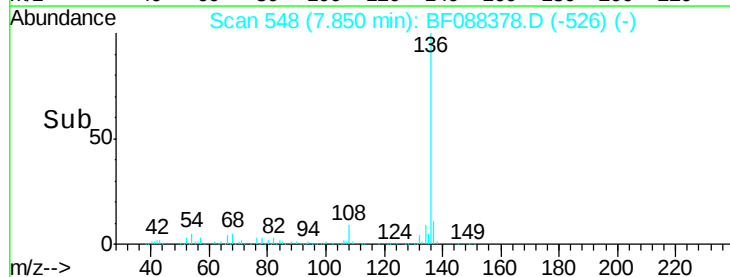
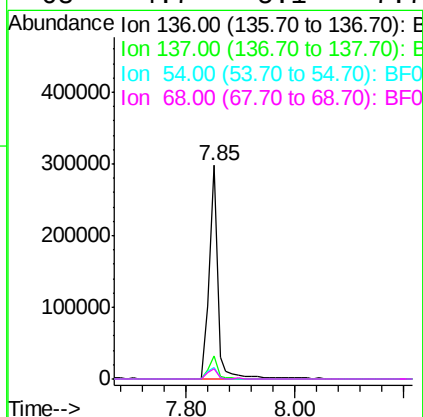
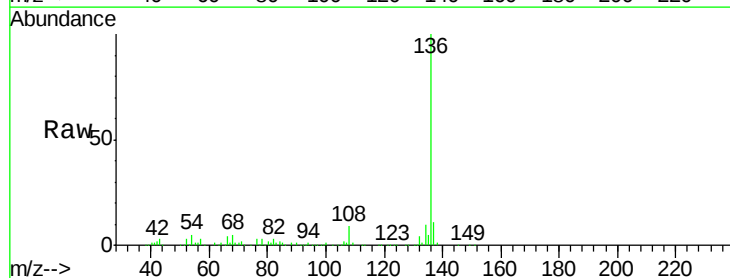
Ion Ratio Lower Upper

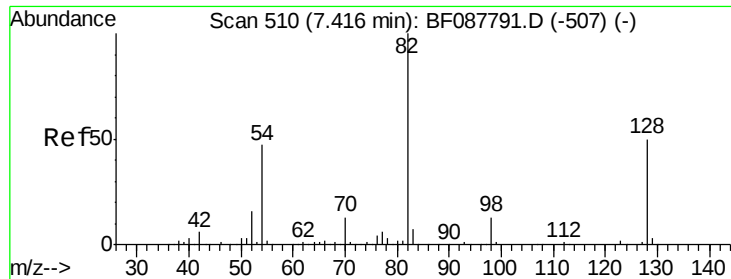
136 100

137 10.7 9.1 13.7

54 5.5 6.6 10.0#

68 4.7 5.1 7.7#

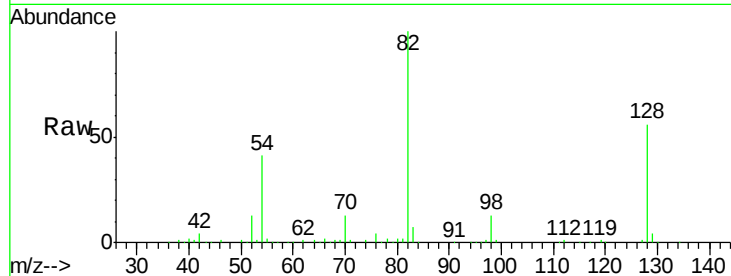




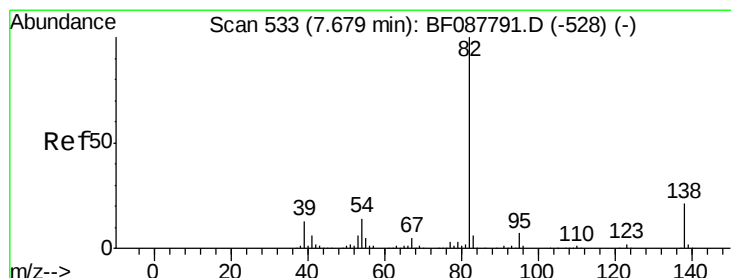
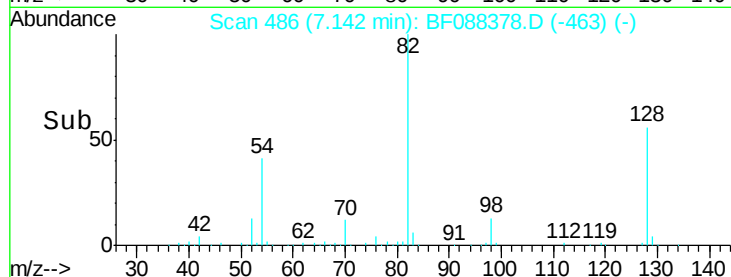
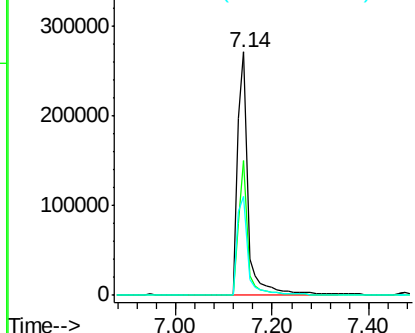
#23
 Nitrobenzene-d5
 Concen: 73.52 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF088378.D
 Acq: 25 Jun 2016 15:47

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1496(0-4)

Tgt Ion: 82 Resp: 414503
 Ion Ratio Lower Upper
 82 100
 128 55.5 35.9 53.9#
 54 40.7 40.9 61.3#

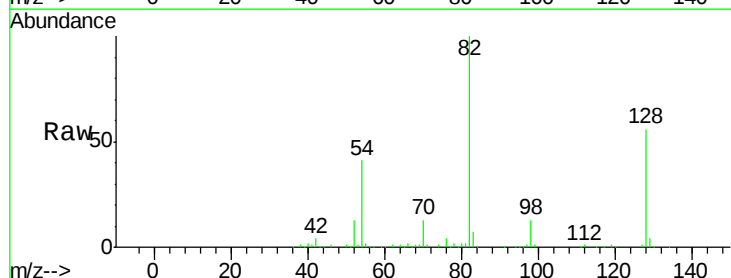


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

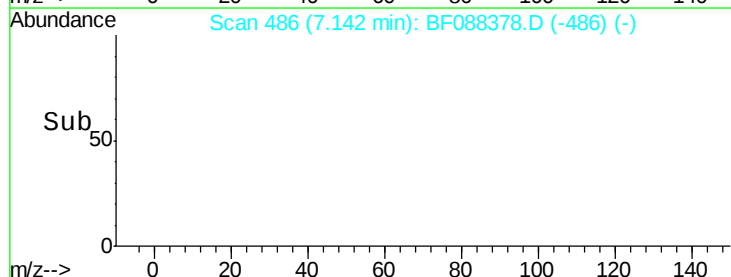
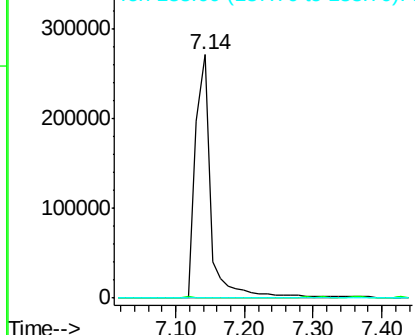


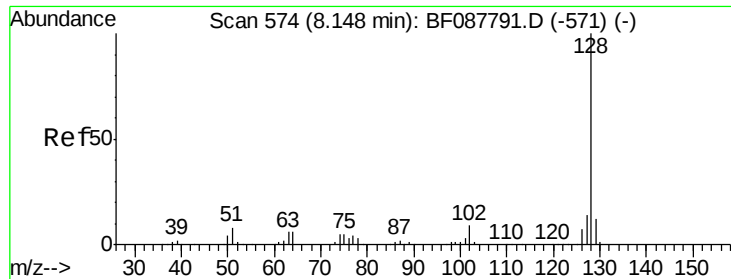
#25
 Isophorone
 Concen: 38.13 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.30 min
 Lab File: BF088378.D
 Acq: 25 Jun 2016 15:47

Tgt Ion: 82 Resp: 398157
 Ion Ratio Lower Upper
 82 100
 95 0.2 5.4 8.2#
 138 0.0 14.6 21.8#



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): BF0

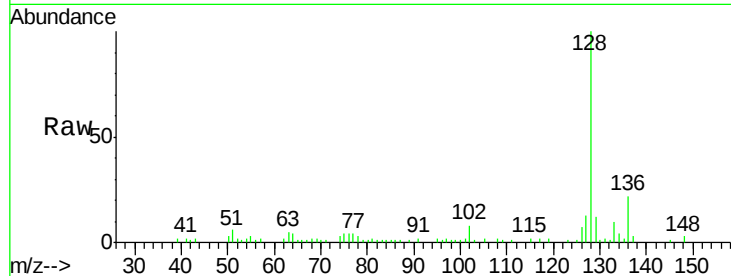




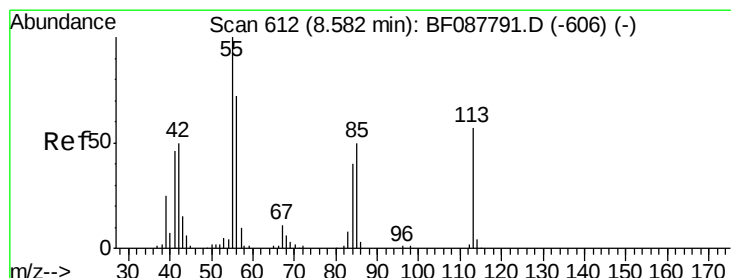
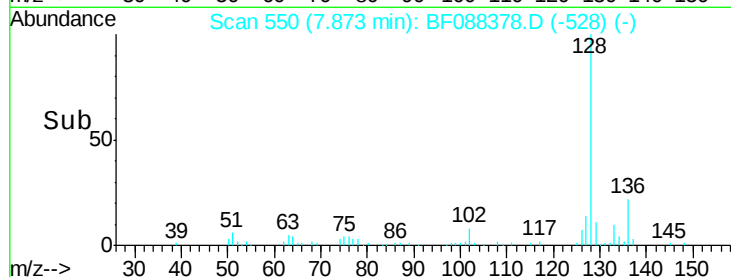
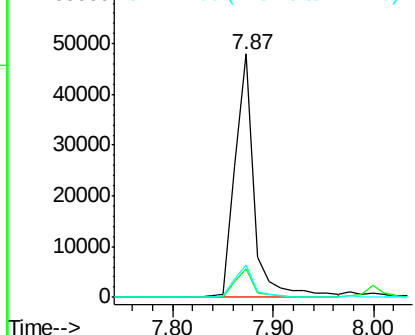
#31
Naphthalene
Concen: 3.89 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.05 min
Lab File: BF088378.D
Acq: 25 Jun 2016 15:47

Instrument :
BNA_F
ClientSampleId :
SC-STA-1496(0-4)

Tgt Ion:128 Resp: 63334
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 13.5 10.9 16.3

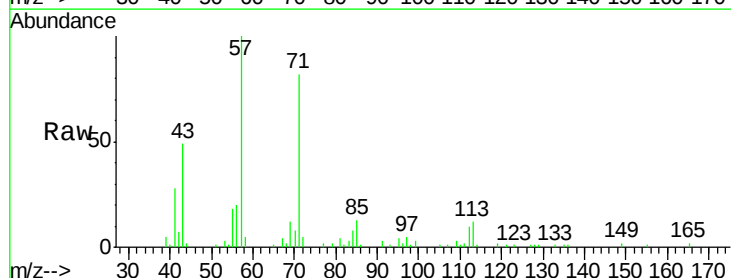


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

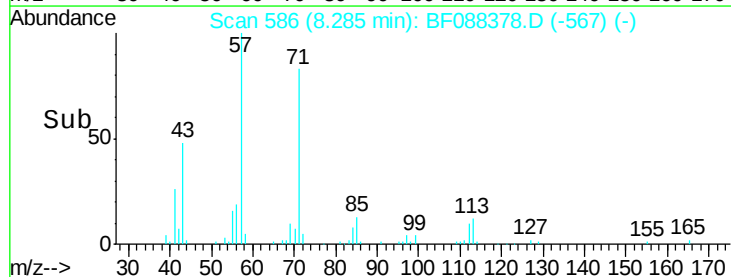
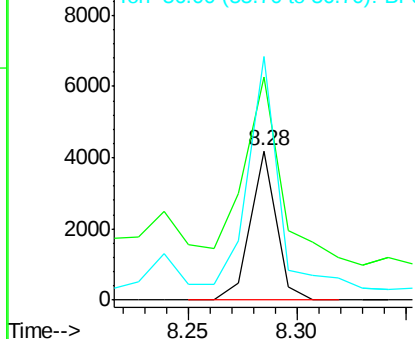


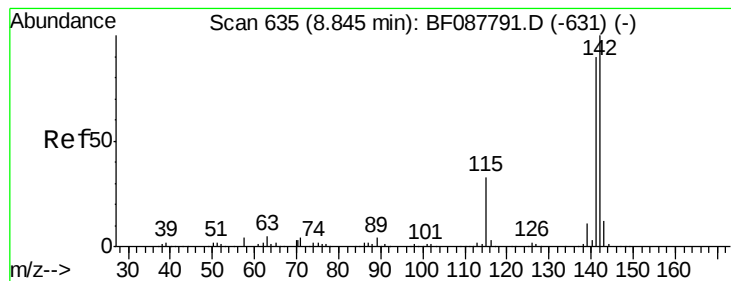
#35
Caprolactam
Concen: 2.33 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.08 min
Lab File: BF088378.D
Acq: 25 Jun 2016 15:47

Tgt Ion:113 Resp: 3466
Ion Ratio Lower Upper
113 100
55 149.6 158.6 198.6#
56 162.9 110.6 150.6#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





#37

2-Methylnaphthalene

Concen: 5.26 ng

RT: 8.56 min Scan# 610

Delta R.T. -0.05 min

Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

Instrument :

BNA_F

ClientSampleId :

SC-STA-1496(0-4)

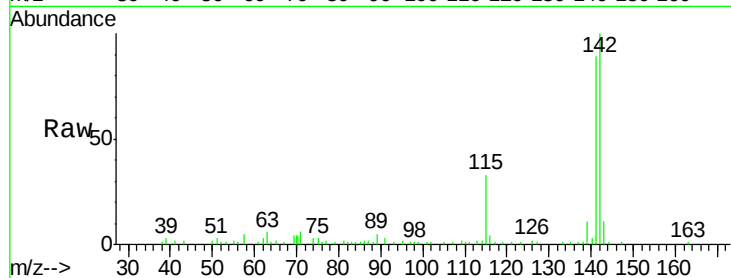
Tgt Ion:142 Resp: 56491

Ion Ratio Lower Upper

142 100

141 89.4 71.0 106.6

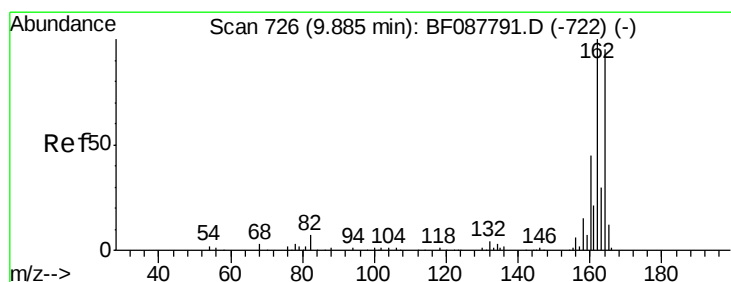
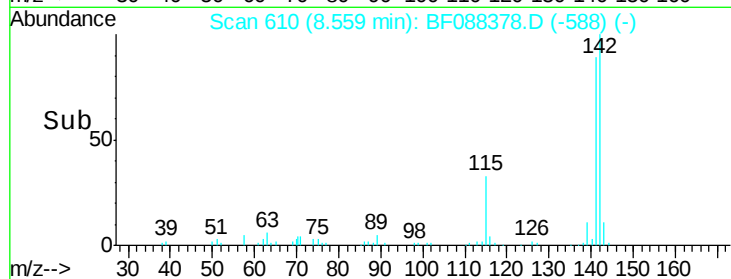
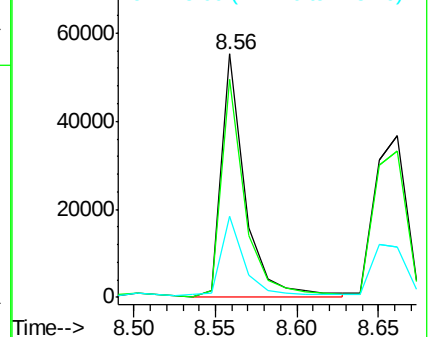
115 33.2 22.6 33.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.06 min

Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

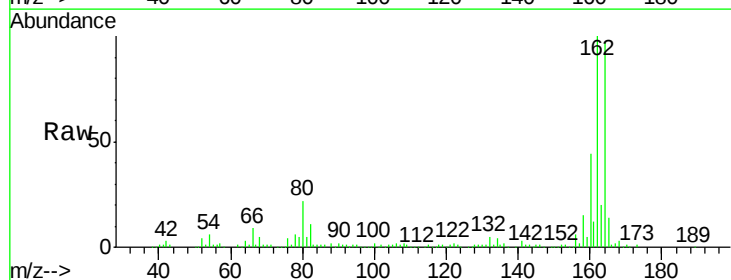
Tgt Ion:164 Resp: 141556

Ion Ratio Lower Upper

164 100

162 103.0 85.4 128.2

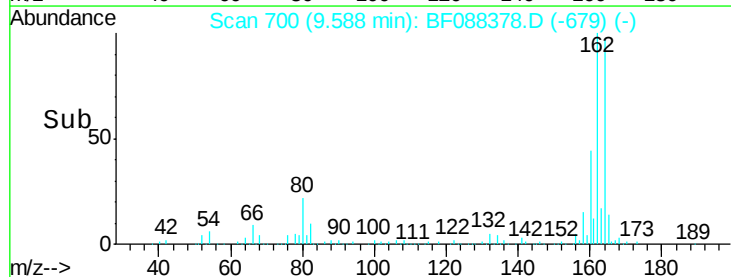
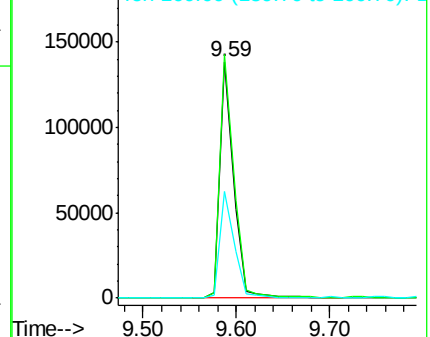
160 45.0 39.5 59.3

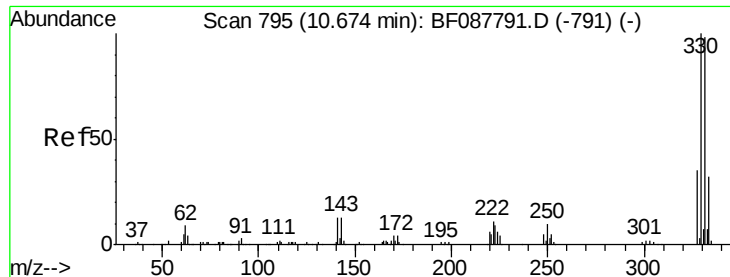


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

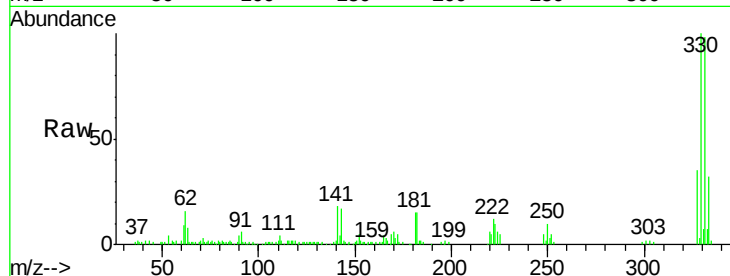




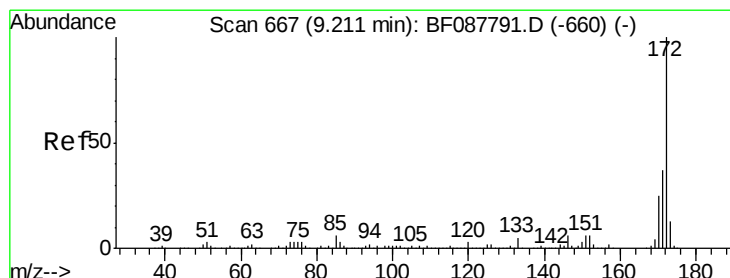
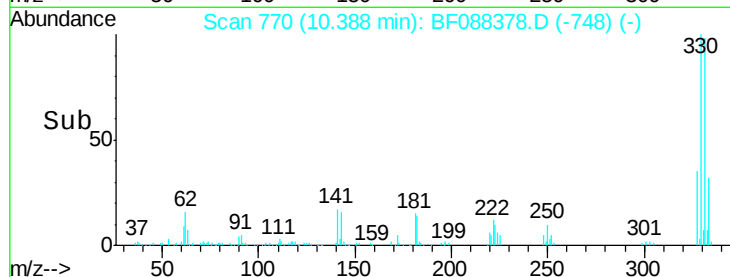
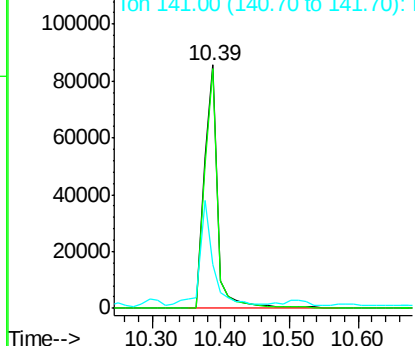
#41
 2,4,6-Tribromophenol
 Concen: 75.53 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF088378.D
 Acq: 25 Jun 2016 15:47

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1496(0-4)

Tgt Ion:330 Resp: 112889
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 44.0 0.0 0.0#

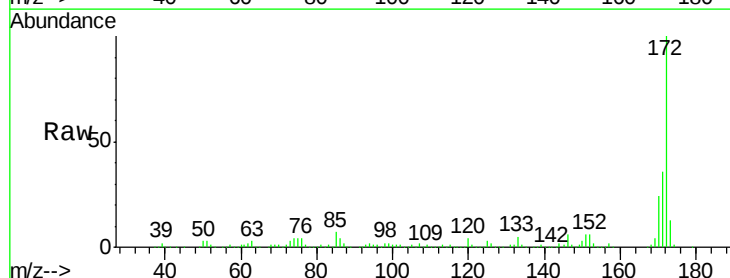


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

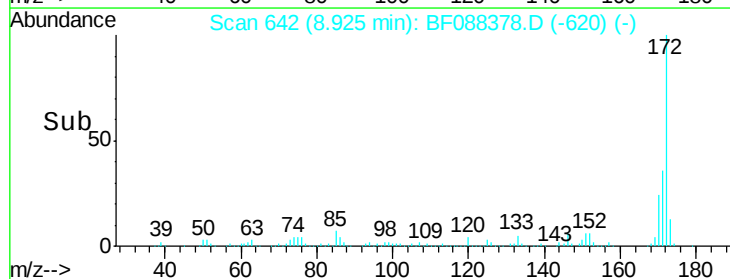
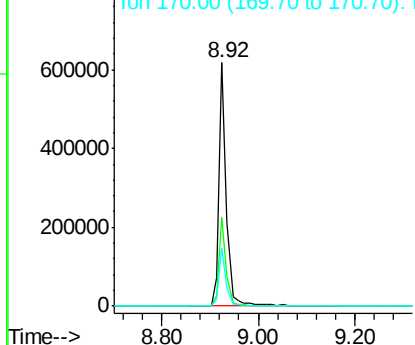


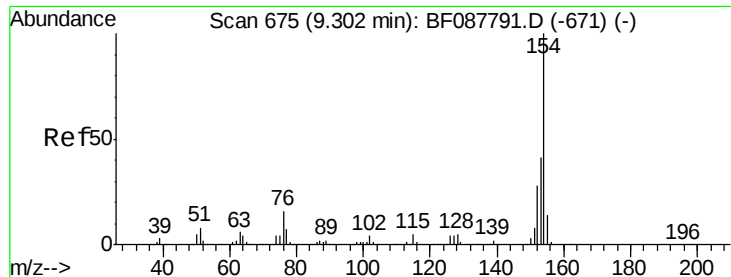
#44
 2-Fluorobiphenyl
 Concen: 75.11 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF088378.D
 Acq: 25 Jun 2016 15:47

Tgt Ion:172 Resp: 682606
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 23.9 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

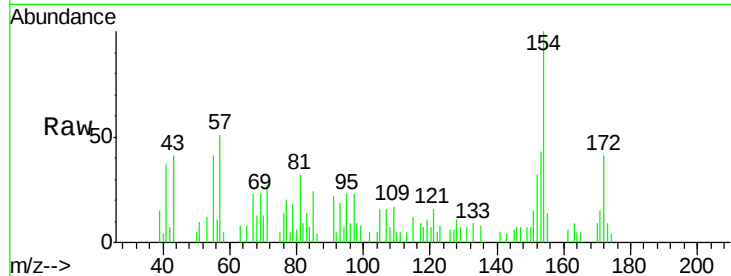




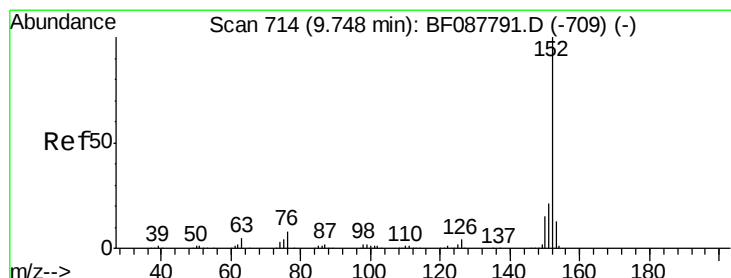
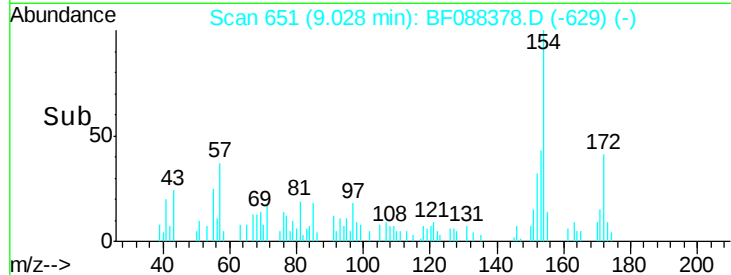
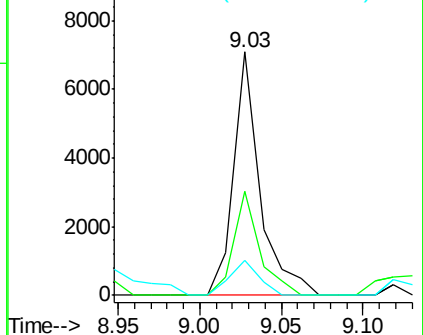
#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF088378.D
 Acq: 25 Jun 2016 15:47

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1496(0-4)

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	20.6	60.6
76	14.3	0.0	35.1

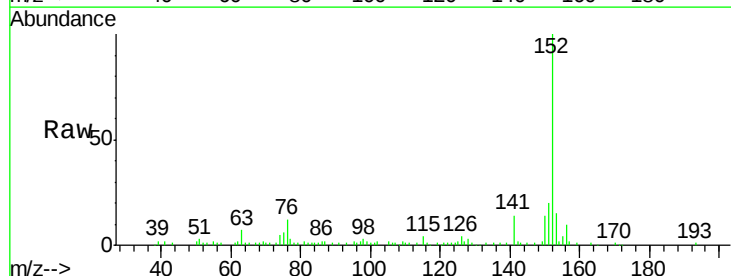


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

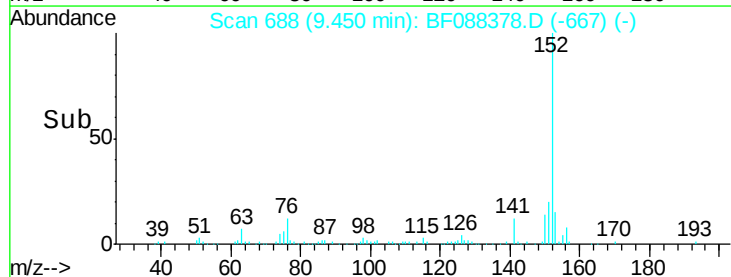
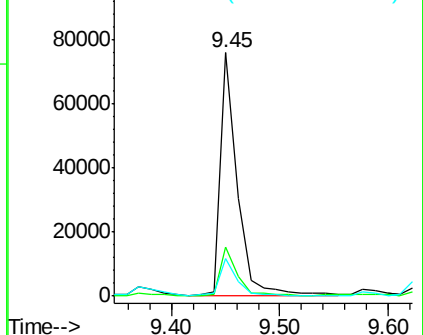


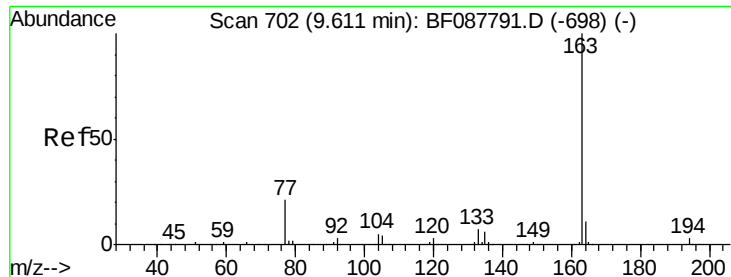
#48
 Acenaphthylene
 Concen: 5.60 ng
 RT: 9.45 min Scan# 688
 Delta R.T. -0.06 min
 Lab File: BF088378.D
 Acq: 25 Jun 2016 15:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	15.5	11.0	16.6



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: 11.24 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

Instrument :

BNA_F

ClientSampleId :

SC-STA-1496(0-4)

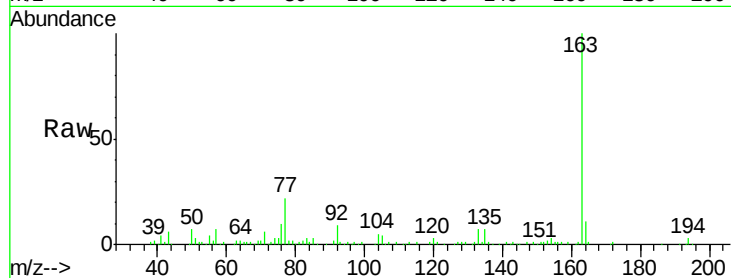
Tgt Ion:163 Resp: 115274

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

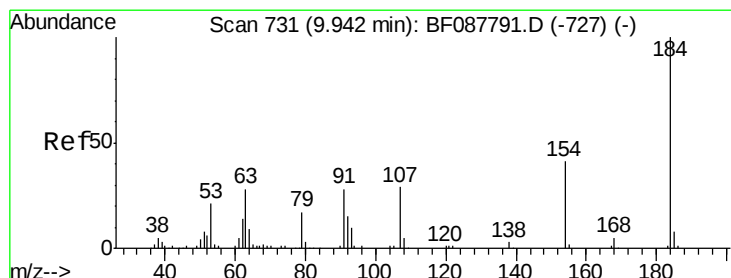
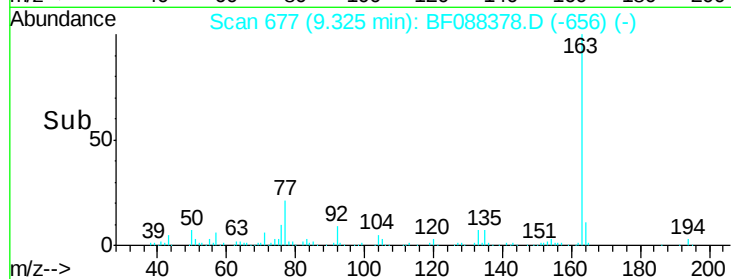
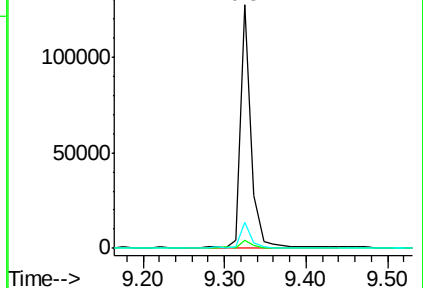
164 10.6 8.3 12.5



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



#53

2,4-Dinitrophenol

Concen: 3.95 ng

RT: 9.88 min Scan# 726

Delta R.T. 0.15 min

Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

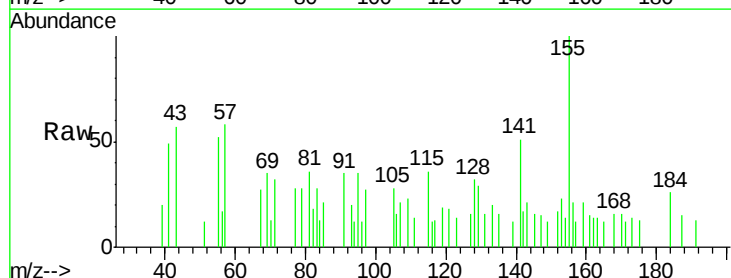
Tgt Ion:184 Resp: 890

Ion Ratio Lower Upper

184 100

63 0.0 57.6 86.4#

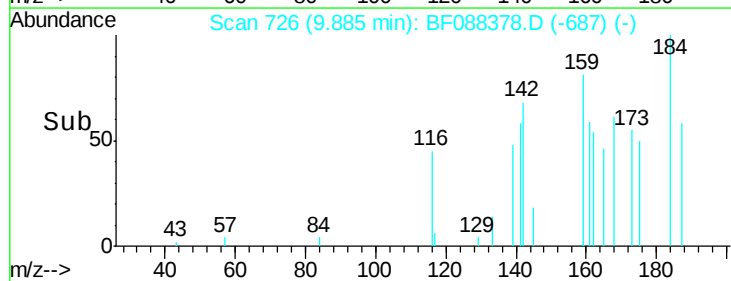
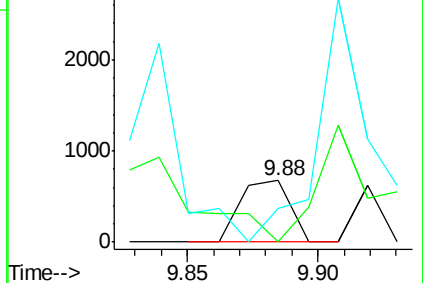
154 54.0 53.5 80.3

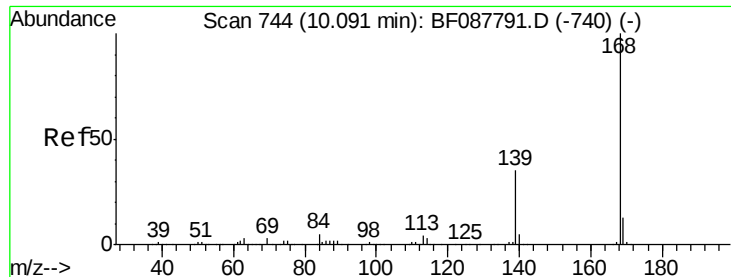


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

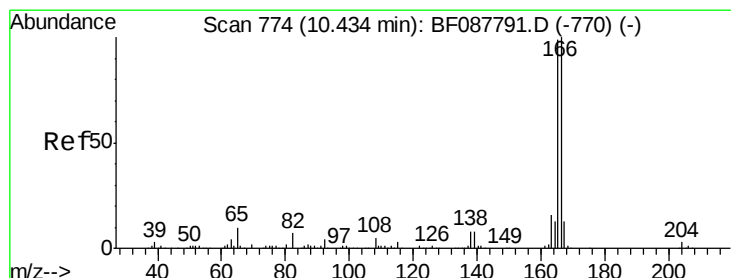
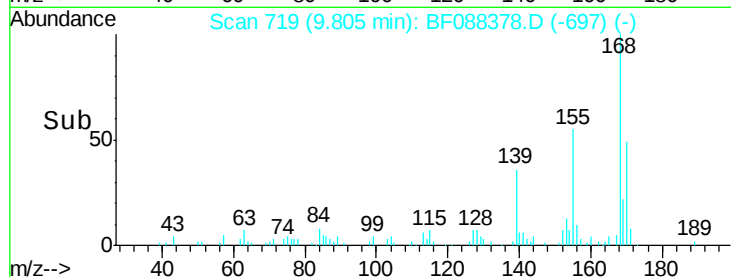
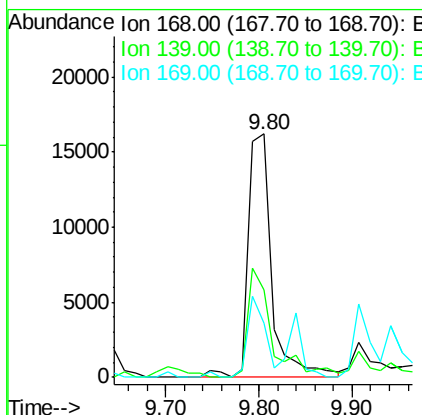
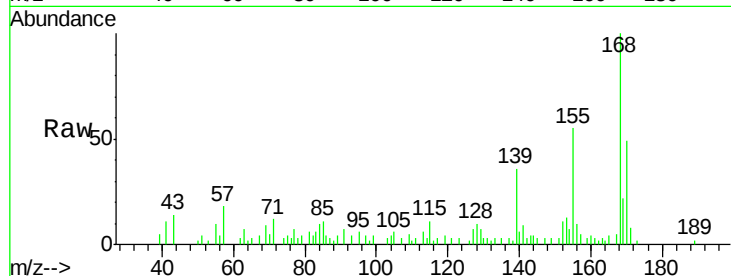




#54
Dibenzenofuran
Concen: 2.25 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF088378.D
Acq: 25 Jun 2016 15:47

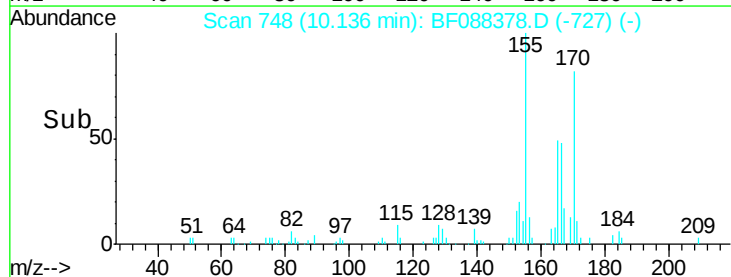
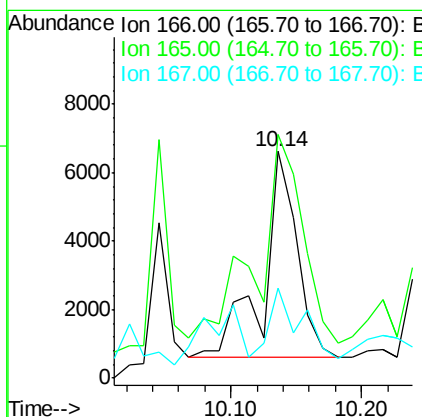
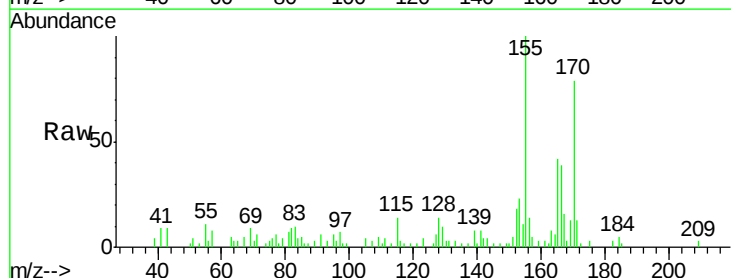
Instrument :
BNA_F
ClientSampleId :
SC-STA-1496(0-4)

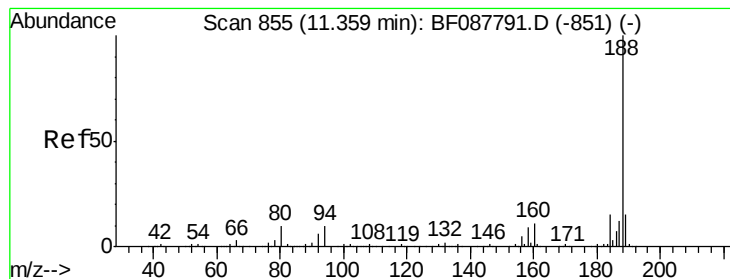
Tgt Ion:168 Resp: 28189
Ion Ratio Lower Upper
168 100
139 35.7 26.4 39.6
169 22.4 10.4 15.6#



#57
Fluorene
Concen: Below Cal
RT: 10.14 min Scan# 748
Delta R.T. -0.06 min
Lab File: BF088378.D
Acq: 25 Jun 2016 15:47

Tgt Ion:166 Resp: 10981
Ion Ratio Lower Upper
166 100
165 107.5 77.8 116.8
167 39.7 11.2 16.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.05 min

Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

Instrument :

BNA_F

ClientSampleId :

SC-STA-1496(0-4)

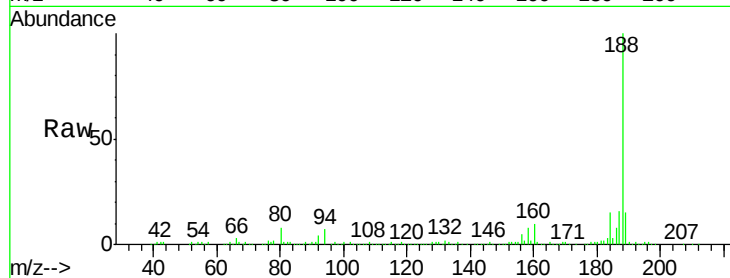
Tgt Ion:188 Resp: 239424

Ion Ratio Lower Upper

188 100

94 7.5 9.0 13.6#

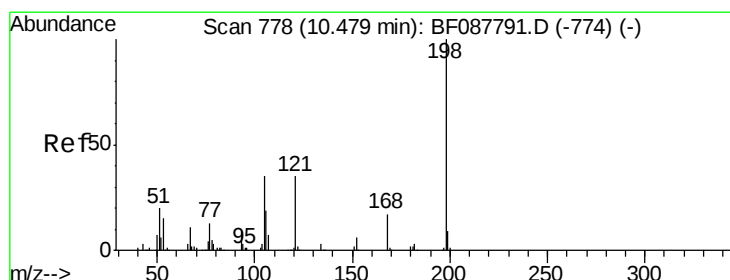
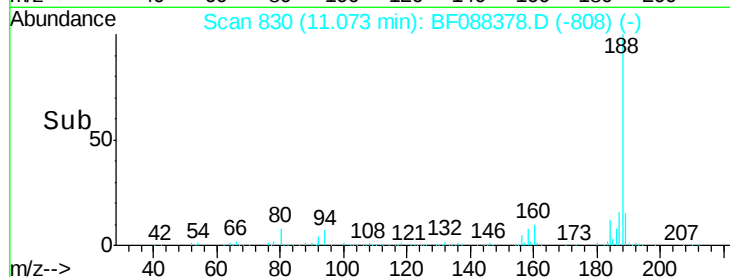
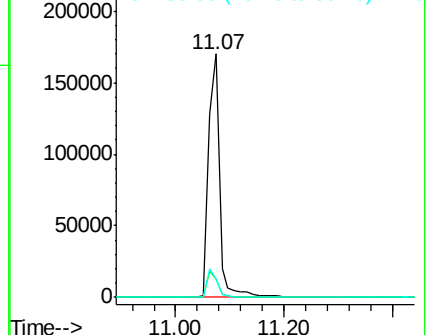
80 7.7 10.0 15.0#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 3.60 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.15 min

Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

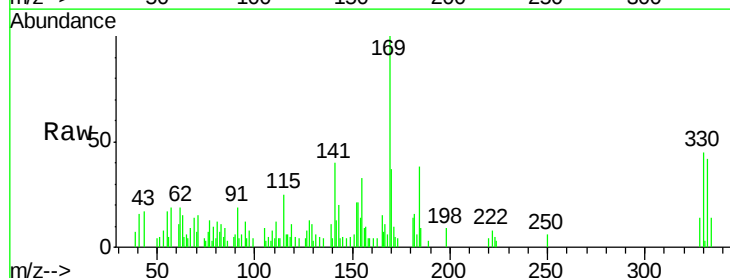
Tgt Ion:198 Resp: 2247

Ion Ratio Lower Upper

198 100

51 59.2 39.6 79.6

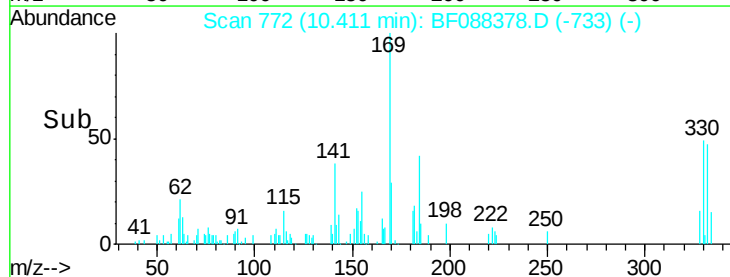
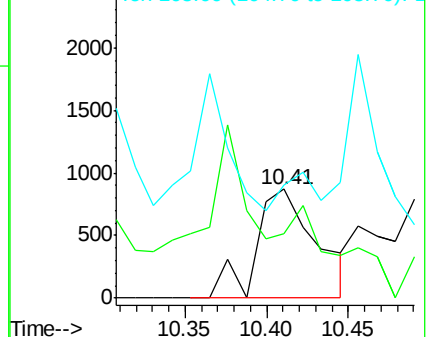
105 103.1 36.6 76.6#

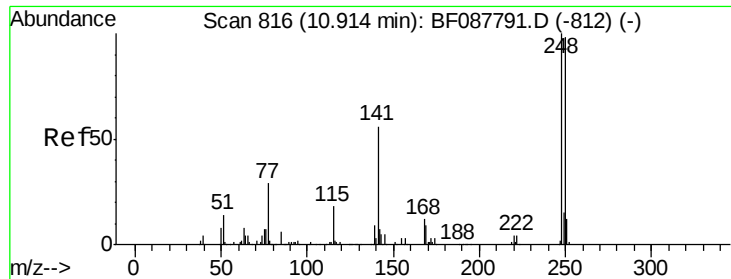


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

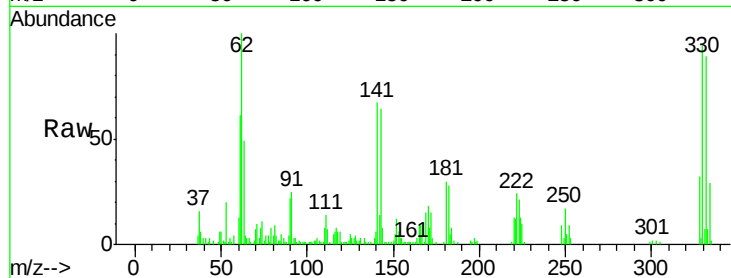




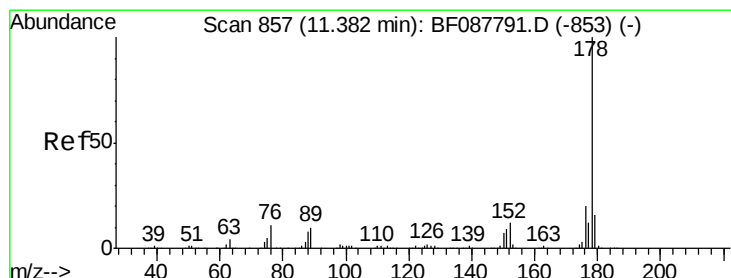
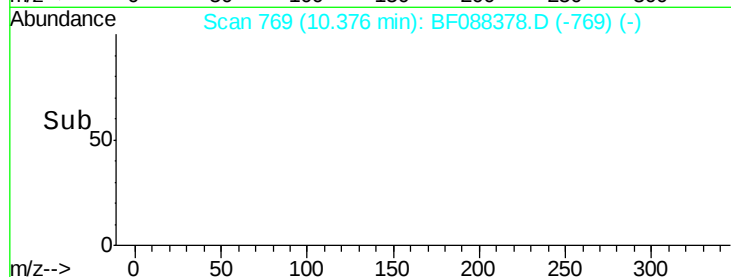
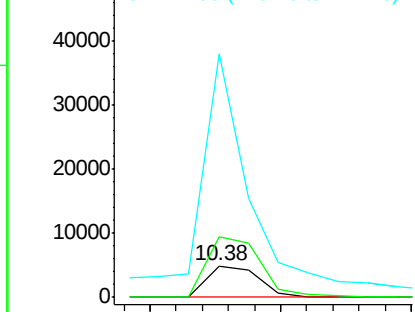
#66
4-Bromophenyl-phenylether
Concen: 2.62 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.30 min
Lab File: BF088378.D
Acq: 25 Jun 2016 15:47

Instrument :
BNA_F
ClientSampleId :
SC-STA-1496(0-4)

Tgt Ion:248 Resp: 6720
Ion Ratio Lower Upper
248 100
250 196.0 77.1 115.7#
141 782.6 50.6 76.0#

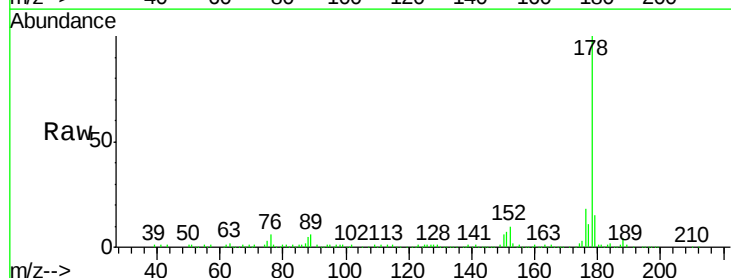


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

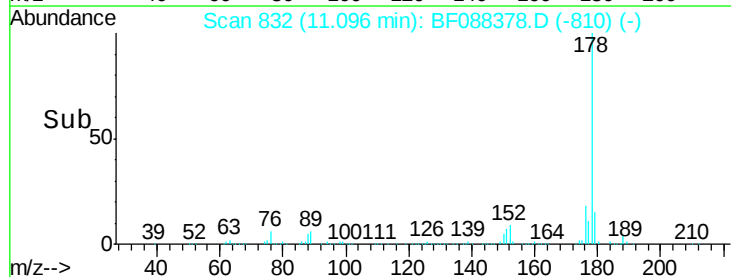
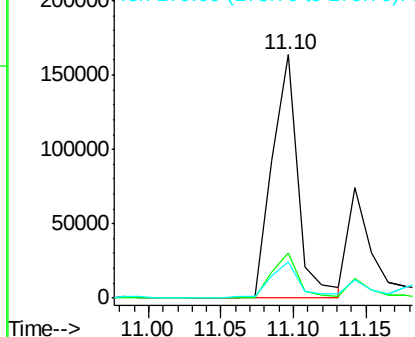


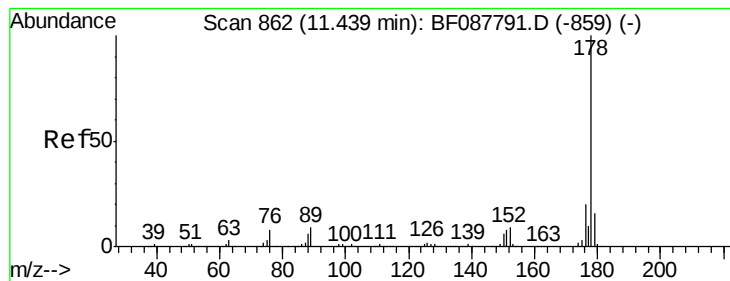
#70
Phenanthrene
Concen: 16.02 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.05 min
Lab File: BF088378.D
Acq: 25 Jun 2016 15:47

Tgt Ion:178 Resp: 201256
Ion Ratio Lower Upper
178 100
176 18.4 15.8 23.6
179 14.9 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





#71

Anthracene

Concen: 6.25 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.06 min

Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

Instrument :

BNA_F

ClientSampleId :

SC-STA-1496(0-4)

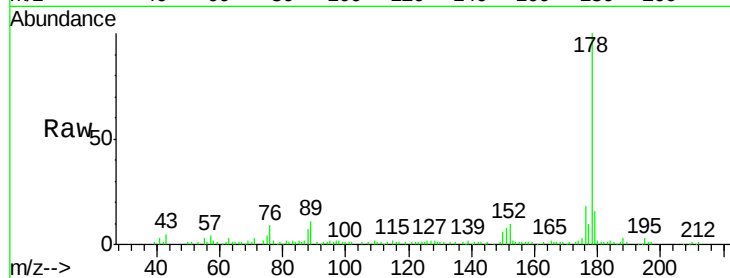
Tgt Ion:178 Resp: 79208

Ion Ratio Lower Upper

178 100

176 18.3 15.6 23.4

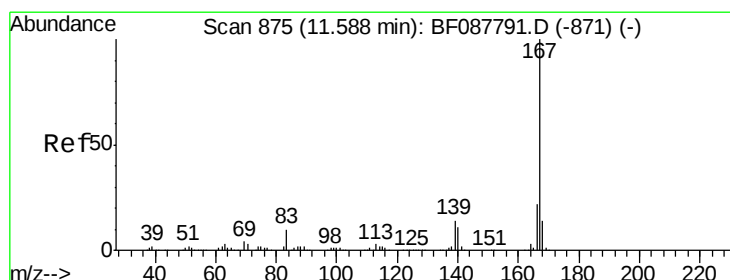
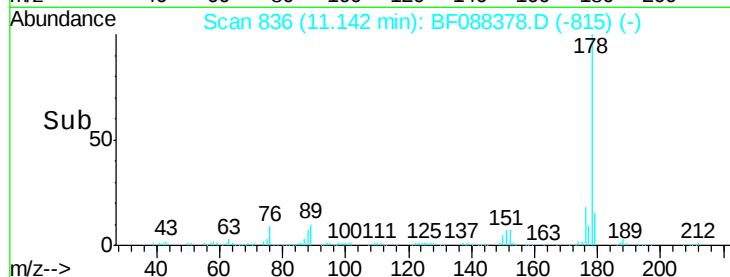
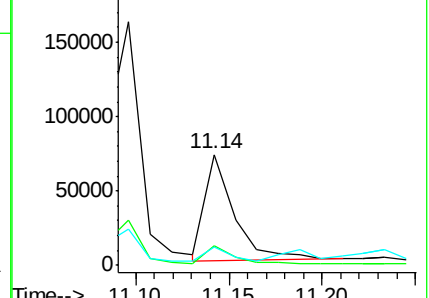
179 16.1 12.8 19.2



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



#72

Carbazole

Concen: 2.32 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

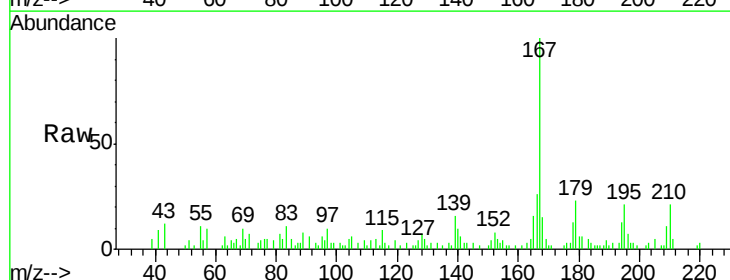
Tgt Ion:167 Resp: 27557

Ion Ratio Lower Upper

167 100

166 25.7 17.8 26.6

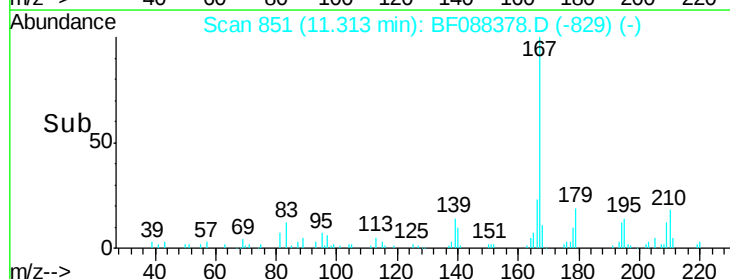
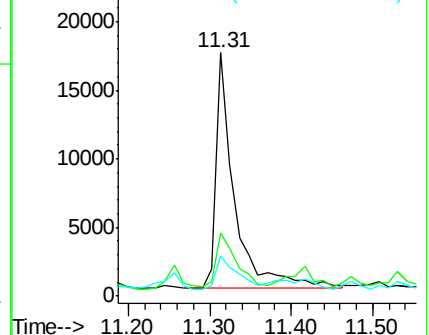
139 16.3 11.2 16.8

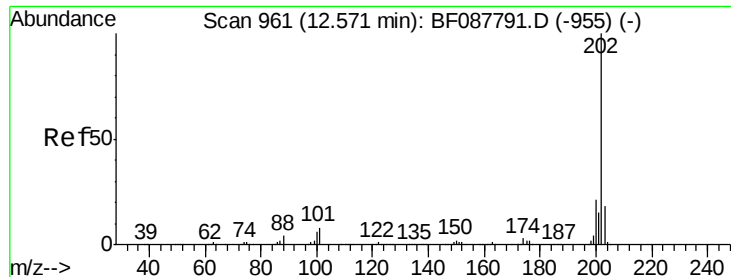


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 37.82 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

Instrument :

BNA_F

ClientSampleId :

SC-STA-1496(0-4)

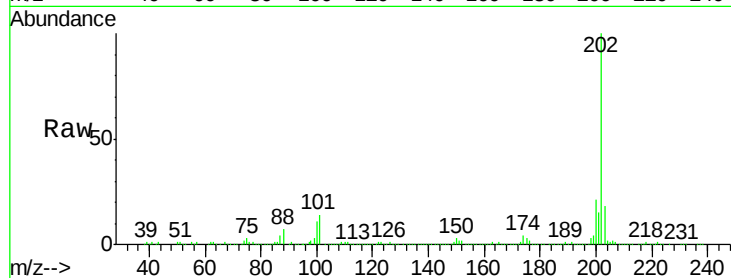
Tgt Ion:202 Resp: 501454

Ion Ratio Lower Upper

202 100

101 14.5 0.0 33.1

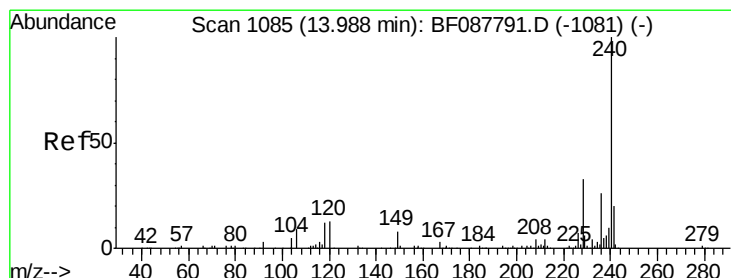
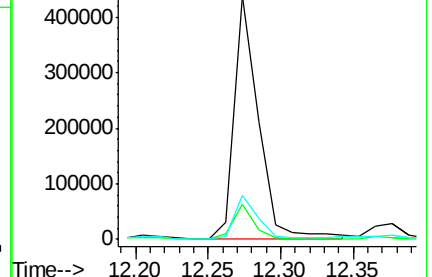
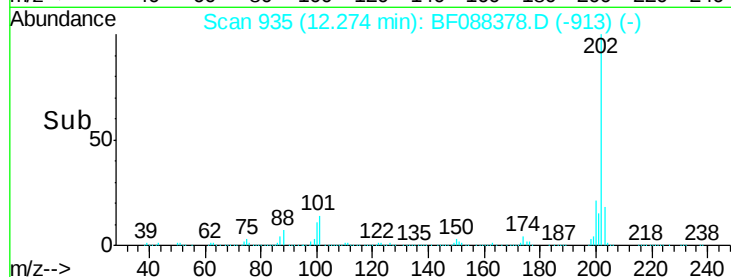
203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.05 min

Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

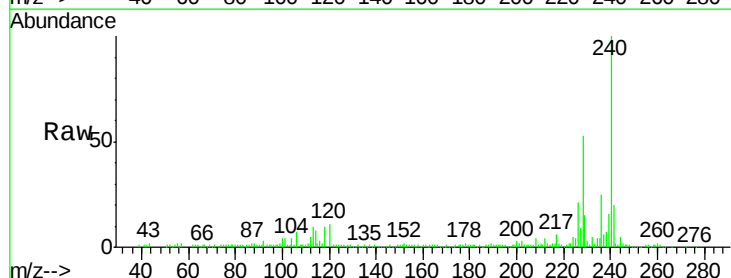
Tgt Ion:240 Resp: 164784

Ion Ratio Lower Upper

240 100

120 10.9 6.8 10.2#

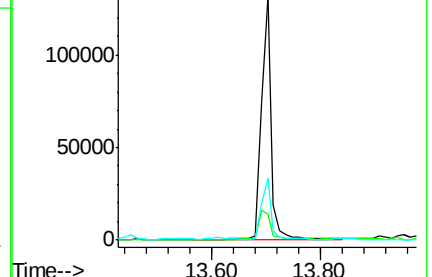
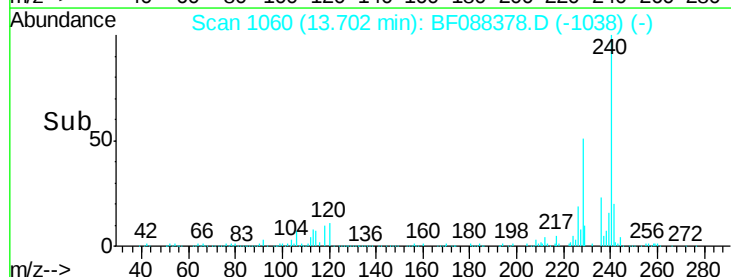
236 25.4 20.2 30.2

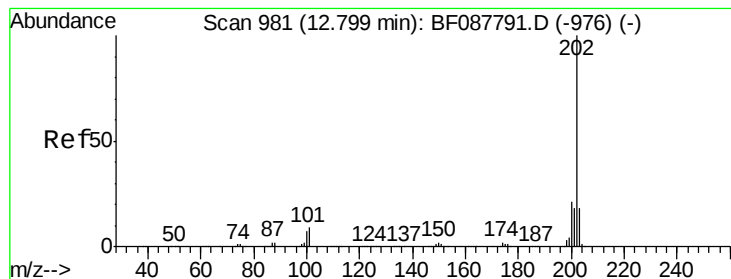


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 38.28 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.05 min

Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

Instrument :

BNA_F

ClientSampleId :

SC-STA-1496(0-4)

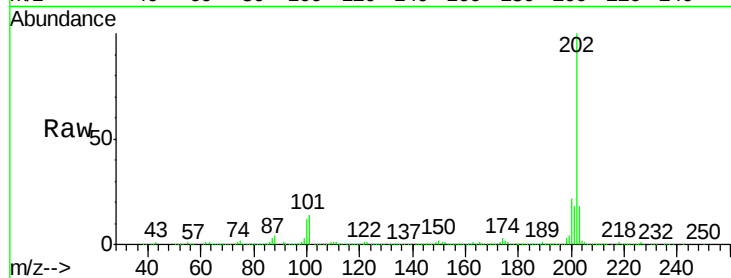
Tgt Ion:202 Resp: 468082

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

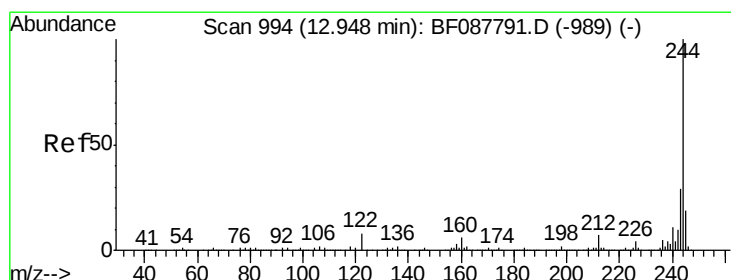
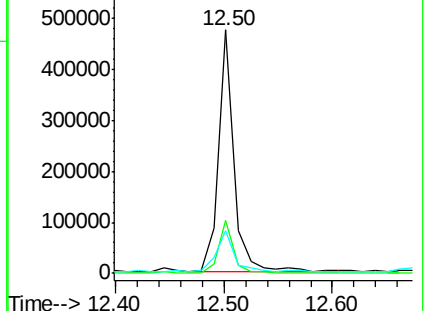
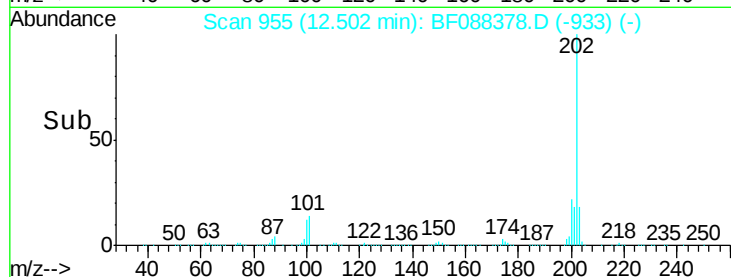
203 17.7 14.5 21.7



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: 69.77 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.05 min

Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

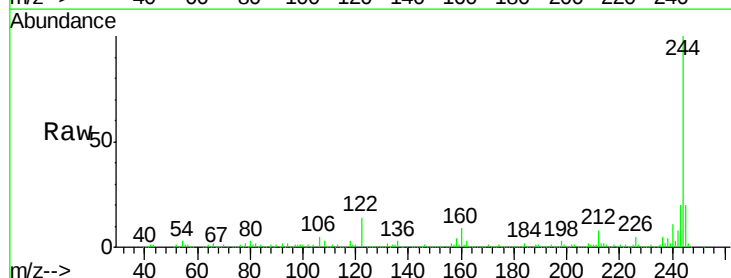
Tgt Ion:244 Resp: 505229

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

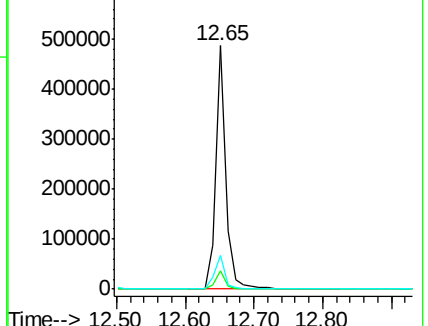
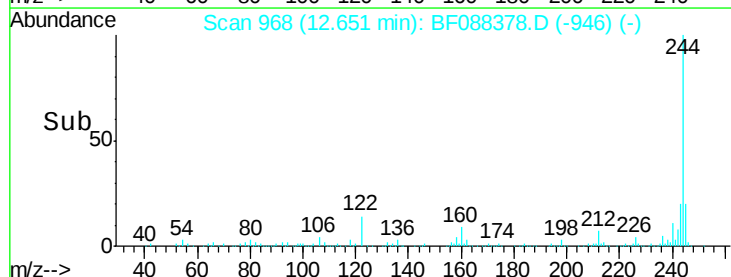
122 13.8 11.2 16.8

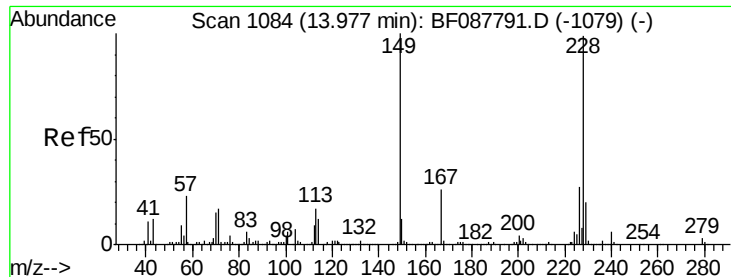


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 26.61 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.05 min

Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

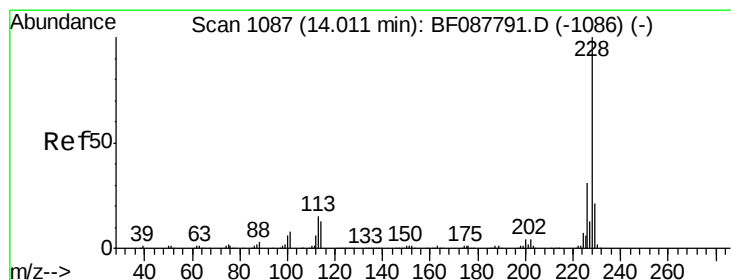
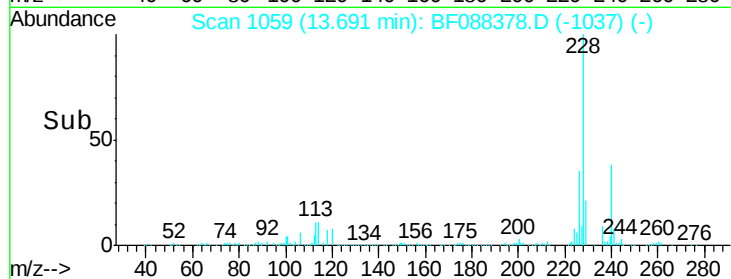
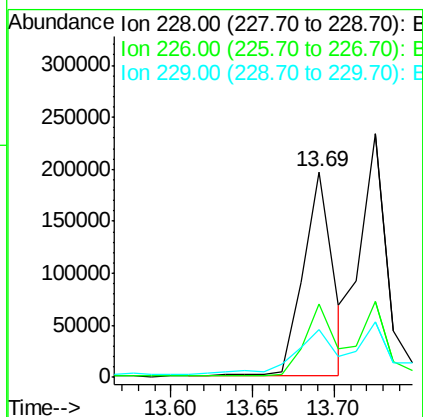
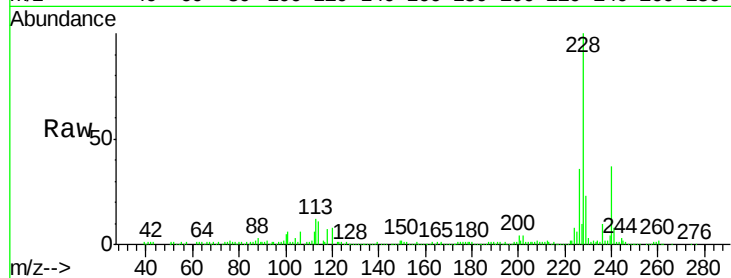
Instrument :

BNA_F

ClientSampleId :

SC-STA-1496(0-4)

Tgt Ion:	228	Resp:	249881
Ion	Ratio	Lower	Upper
228	100		
226	35.6	22.3	33.5#
229	23.2	16.0	24.0



#82

Chrysene

Concen: 28.29 ng

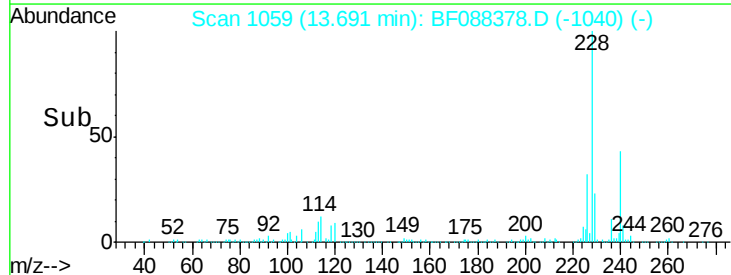
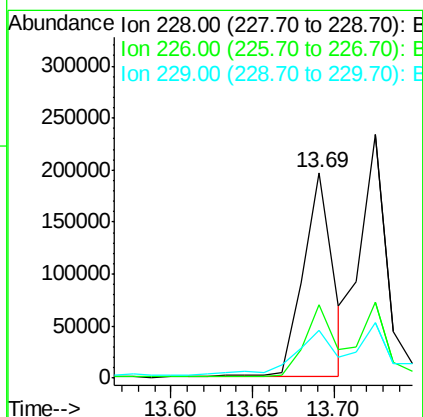
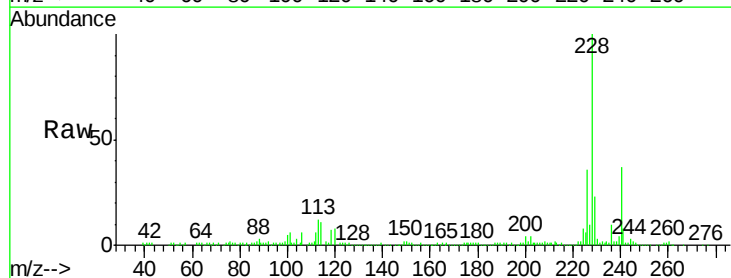
RT: 13.69 min Scan# 1059

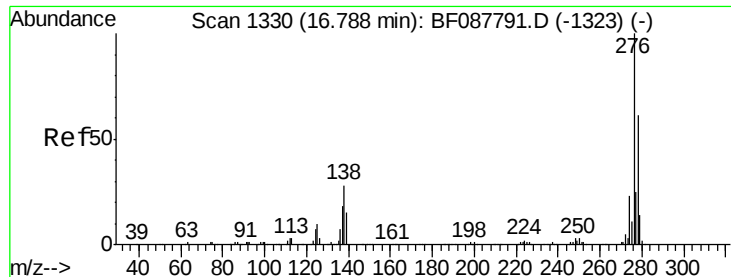
Delta R.T. -0.08 min

Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

Tgt Ion:	228	Resp:	249881
Ion	Ratio	Lower	Upper
228	100		
226	35.6	25.4	38.2
229	23.2	16.3	24.5





#85

Indeno(1,2,3-cd)pyrene

Concen: 10.21 ng

RT: 16.29 min Scan# 1286

Delta R.T. -0.08 min

Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

Instrument :

BNA_F

ClientSampleId :

SC-STA-1496(0-4)

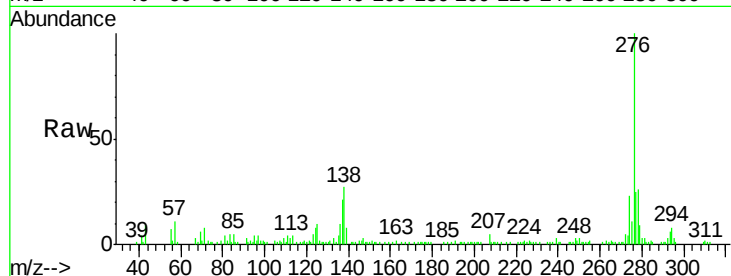
Tgt Ion:276 Resp: 83837

Ion Ratio Lower Upper

276 100

138 28.0 0.0 0.0#

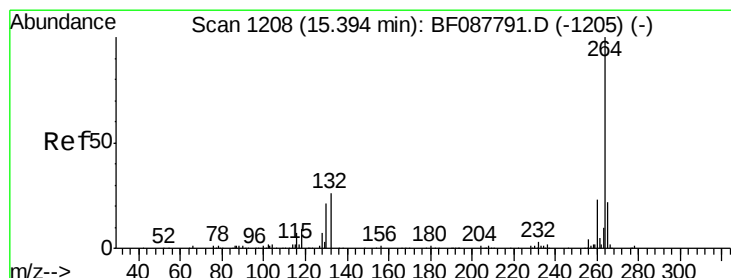
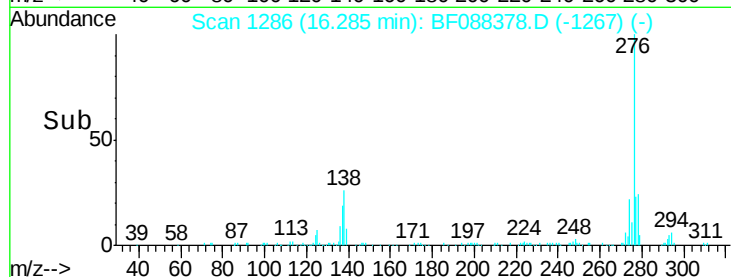
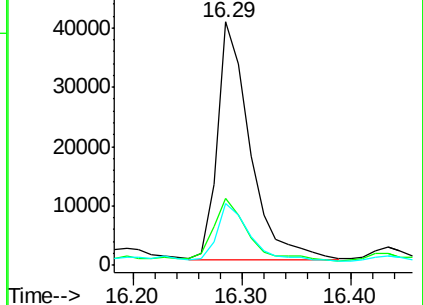
277 23.9 0.0 0.0#



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: 15.05 min Scan# 1178

Delta R.T. -0.06 min

Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

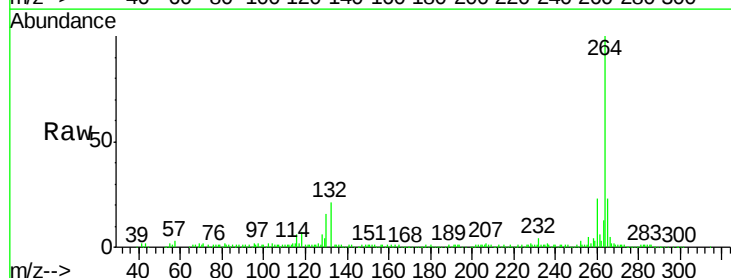
Tgt Ion:264 Resp: 153483

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

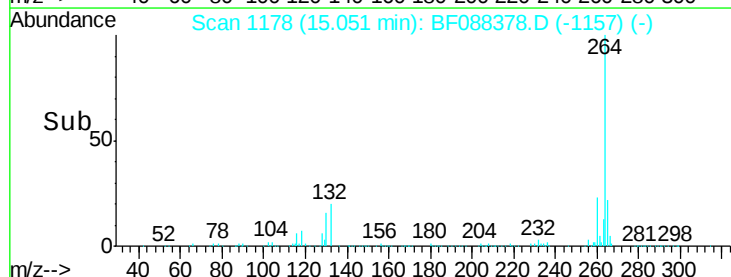
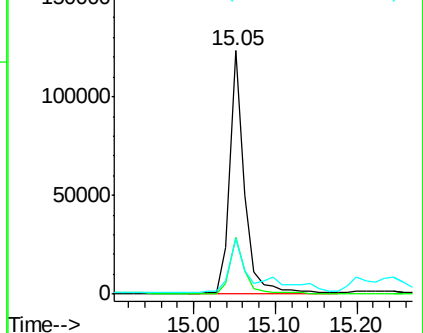
265 22.9 16.9 25.3

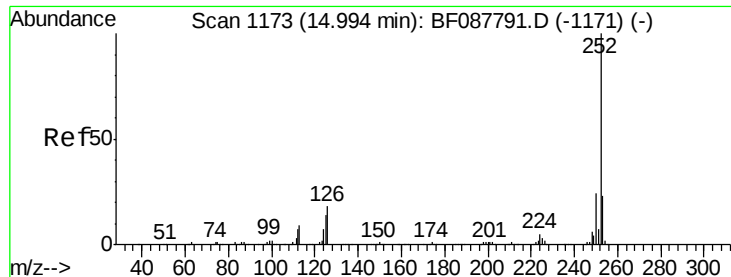


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 34.81 ng

RT: 14.70 min Scan# 1147

Delta R.T. -0.05 min

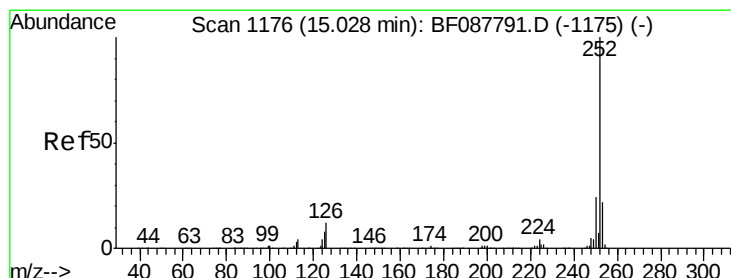
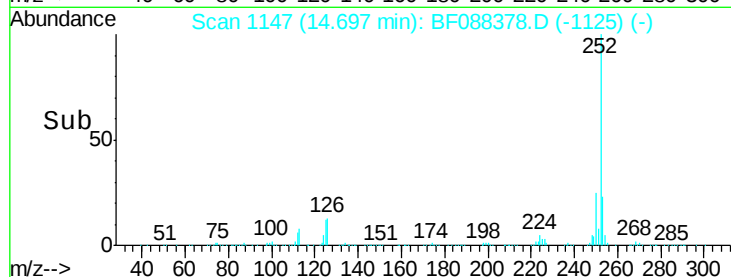
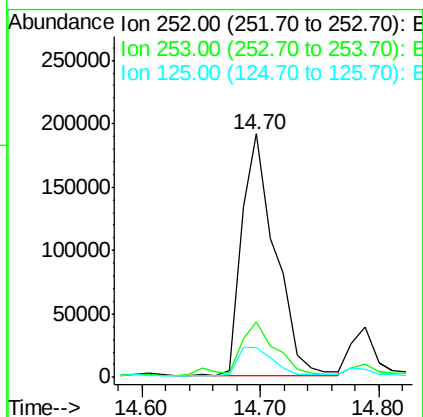
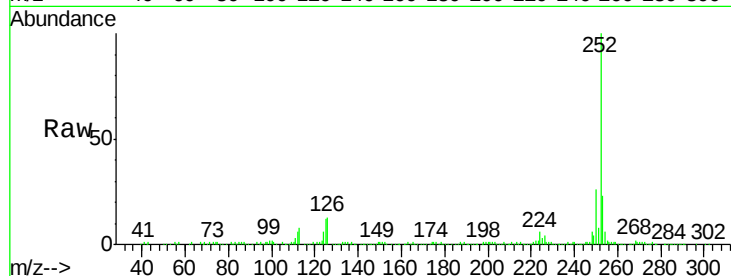
Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

Instrument :
BNA_F
ClientSampleId :
SC-STA-1496(0-4)

Tgt Ion: 252 Resp: 372364

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	12.4	7.1	10.7#



#88

Benzo(k)fluoranthene

Concen: 46.14 ng

RT: 14.70 min Scan# 1147

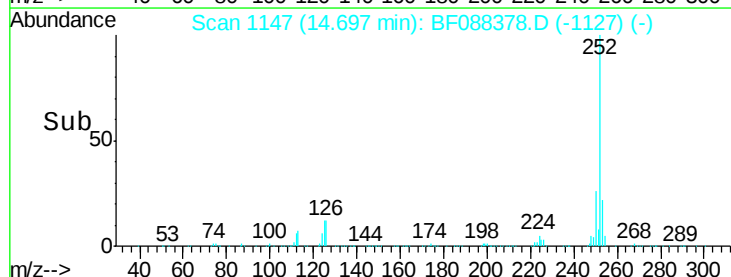
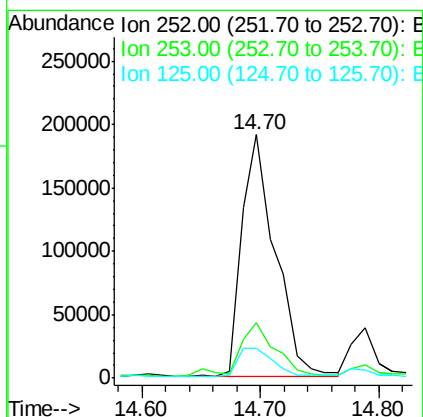
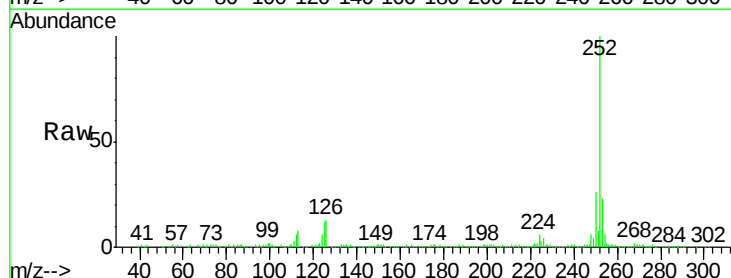
Delta R.T. -0.07 min

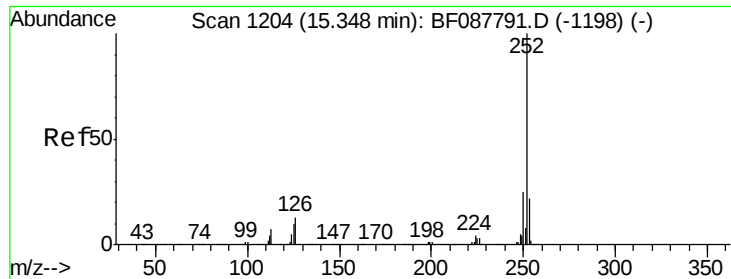
Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

Tgt Ion: 252 Resp: 372364

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	12.4	11.2	16.8





#89

Benzo(a)pyrene

Concen: 14.51 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.10 min

Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

Instrument :

BNA_F

ClientSampleId :

SC-STA-1496(0-4)

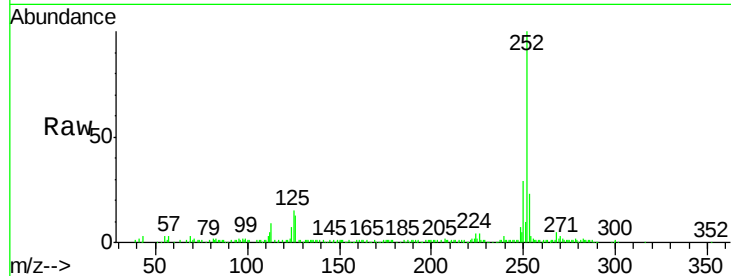
Tgt Ion:252 Resp: 125619

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

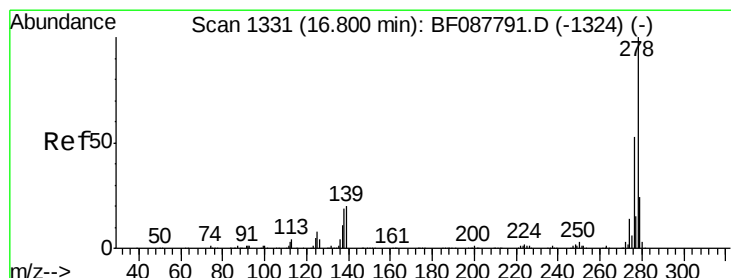
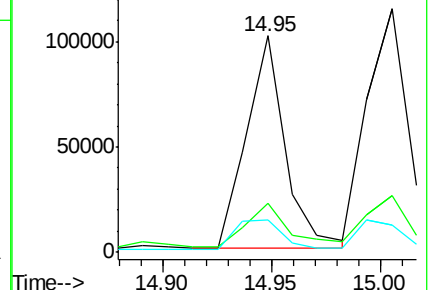
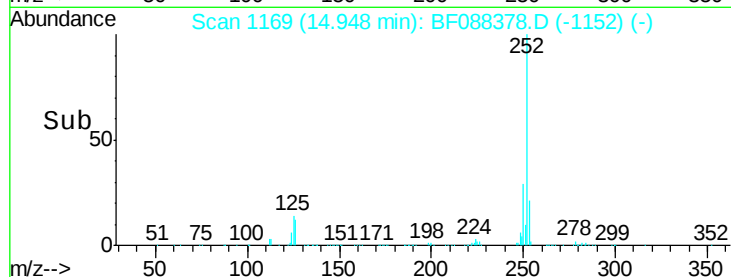
125 15.3 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 3.14 ng

RT: 16.29 min Scan# 1286

Delta R.T. -0.08 min

Lab File: BF088378.D

Acq: 25 Jun 2016 15:47

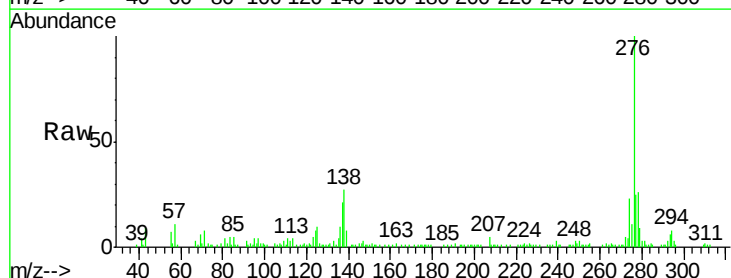
Tgt Ion:278 Resp: 25228

Ion Ratio Lower Upper

278 100

139 31.4 15.7 23.5#

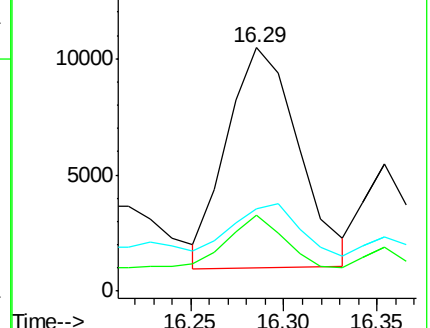
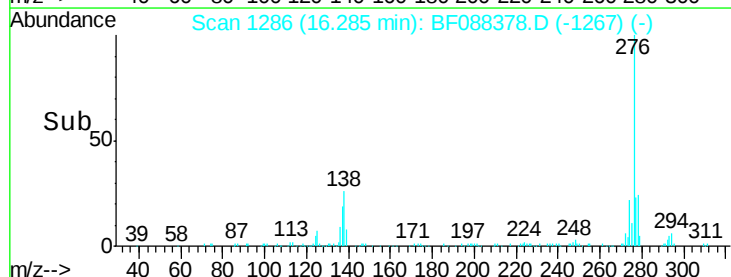
279 33.7 19.4 29.2#

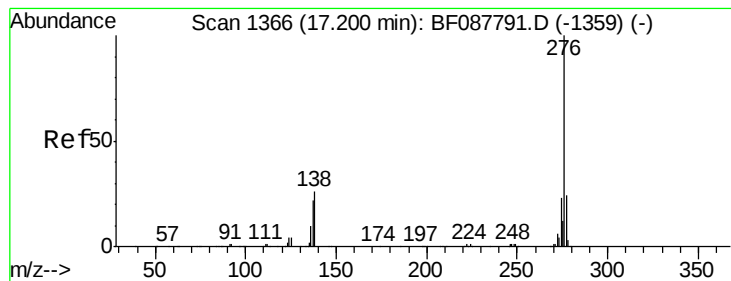


Abundance Ion 278.00 (277.70 to 278.70): E

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: 8.87 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.08 min

Lab File: BF088378.D

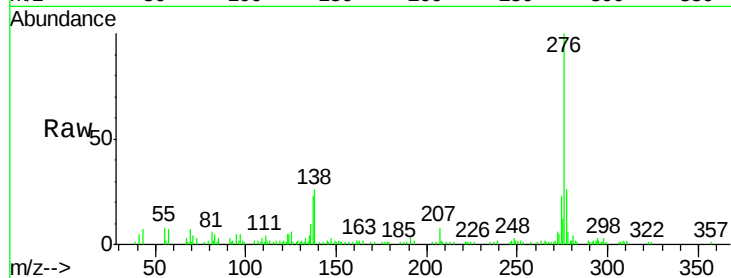
Acq: 25 Jun 2016 15:47

Instrument :

BNA_F

ClientSampleId :

SC-STA-1496(0-4)



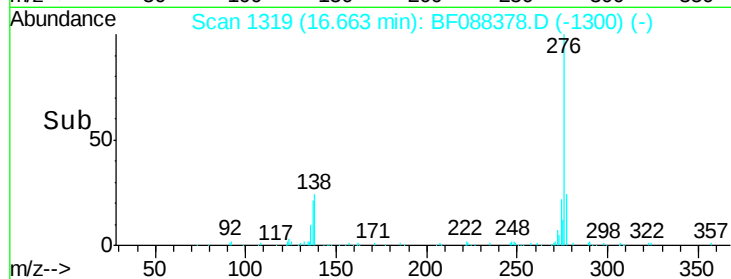
Tgt Ion: 276 Resp: 73358

Ion Ratio Lower Upper

276 100

277 26.2 18.9 28.3

138 26.4 21.4 32.2



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

