

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
 Data File : BF088384.D
 Acq On : 25 Jun 2016 18:41
 Operator : UM/SJ
 Sample : H3622-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1466(0-4)

Quant Time: Jun 26 01:58:44 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	6.72	152	245600	20.00	ng	0.11
21) Naphthalene-d8	7.85	136	297106	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	128649	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	200581	20.00	ng	-0.06
75) Chrysene-d12	13.70	240	144487	20.00	ng	-0.05
86) Perylene-d12	15.05	264	137077	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	471053	32.79	ng	-0.03
7) Phenol-d6	6.23	99	589796	33.87	ng	-0.03
23) Nitrobenzene-d5	7.14	82	384416	75.55	ng	-0.03
41) 2,4,6-Tribromophenol	10.39	330	119060	87.65	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	632653	76.71	ng	-0.05
78) Terphenyl-d14	12.65	244	391082	61.59	ng	-0.05

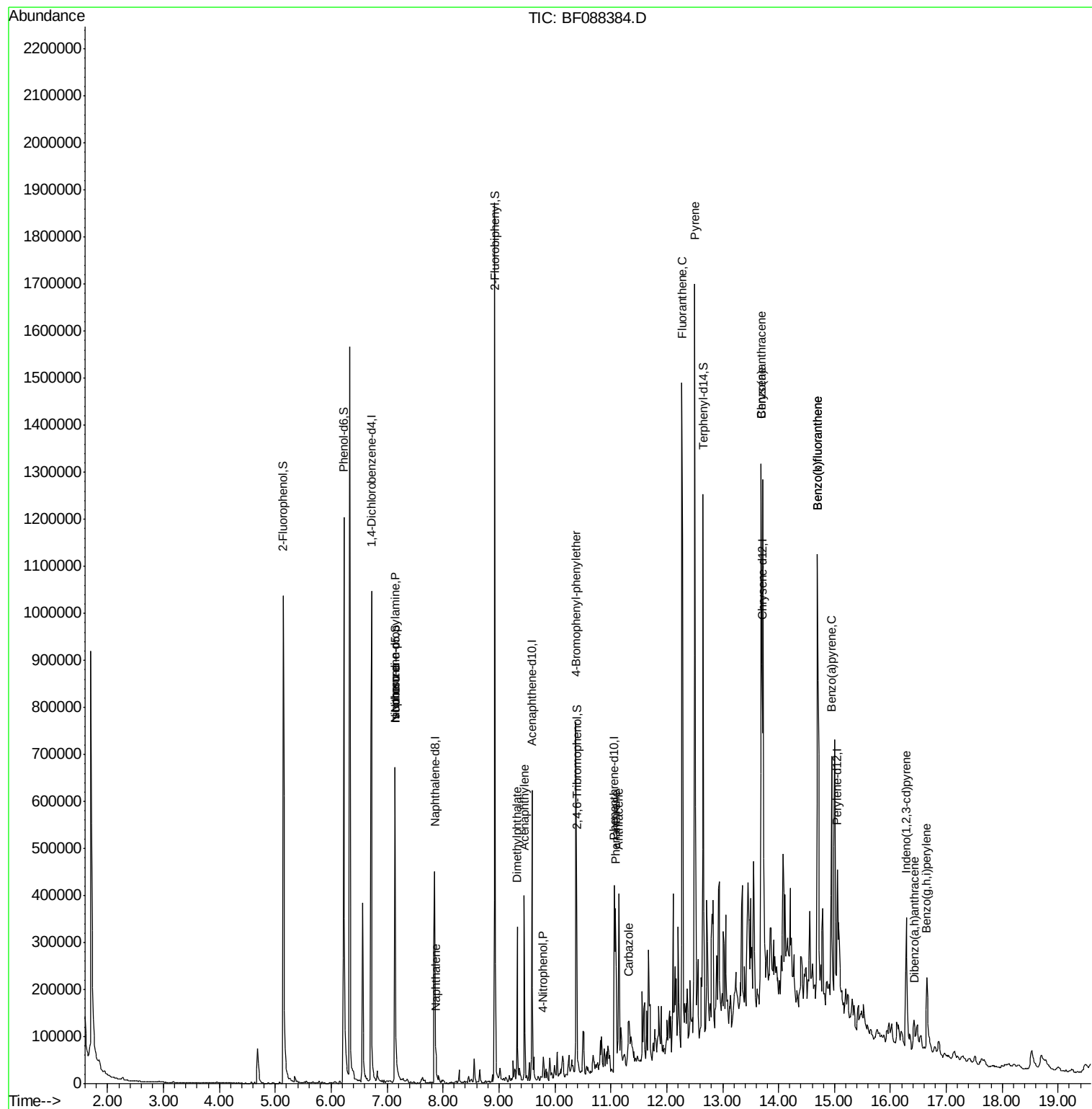
Target Compounds				Qvalue		
10) Phenol	6.33	94	685	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.14	70	48799	4.38	ng	67
25) Isophorone	7.14	82	369032	39.16	ng	65
31) Naphthalene	7.87	128	34130	2.32	ng	97
45) 1,1'-Biphenyl	9.03	154	3273	Below Cal		100
48) Acenaphthylene	9.45	152	183302	13.84	ng	99
49) Dimethylphthalate	9.32	163	118189	12.68	ng	99
55) 4-Nitrophenol	9.79	139	5721	2.99	ng	# 5
57) Fluorene	10.32	166	8103	Below Cal		94
66) 4-Bromophenyl-phenylether	10.38	248	6974	3.24	ng	# 1
70) Phenanthrene	11.08	178	169182	16.07	ng	98
71) Anthracene	11.14	178	184008	17.33	ng	98
72) Carbazole	11.31	167	45483	4.58	ng	97
74) Fluoranthene	12.27	202	838317	75.47	ng	98
77) Pyrene	12.50	202	803912	74.98	ng	99
80) Benzo(a)anthracene	13.69	228	576209	69.98	ng	# 92
82) Chrysene	13.69	228	576209	74.39	ng	97
85) Indeno(1,2,3-cd)pyrene	16.29	276	156440	21.74	ng	# 100
87) Benzo(b)fluoranthene	14.70	252	709282	74.24	ng	# 94
88) Benzo(k)fluoranthene	14.70	252	709282	98.41	ng	99
89) Benzo(a)pyrene	14.95	252	235638	30.48	ng	99
90) Dibenzo(a,h)anthracene	16.43	278	31698	4.42	ng	94
91) Benzo(g,h,i)perylene	16.65	276	127971	17.33	ng	99

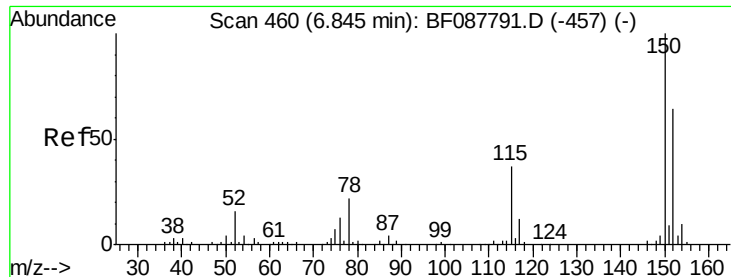
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.11 min

Lab File: BF088384.D

Acq: 25 Jun 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SC-STA-1466(0-4)

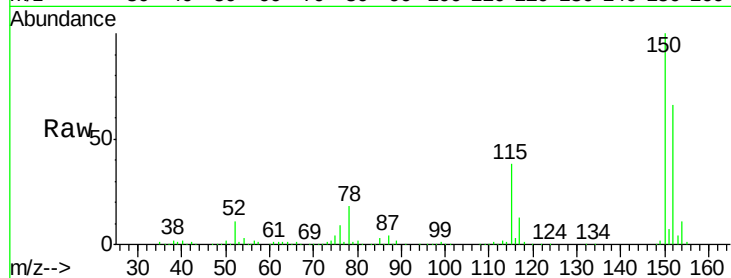
Tgt Ion:152 Resp: 245600

Ion Ratio Lower Upper

152 100

150 151.7 123.8 185.6

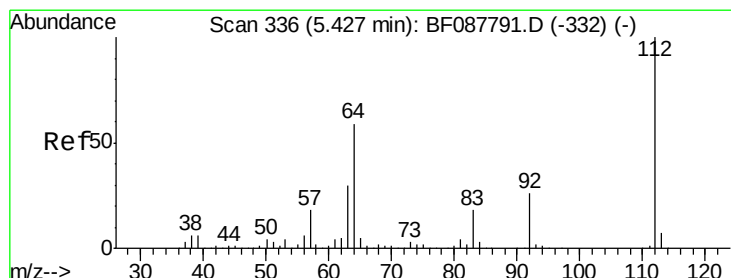
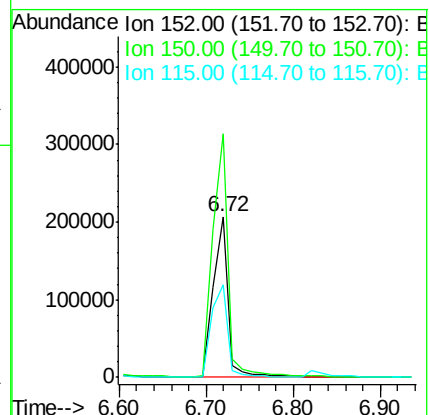
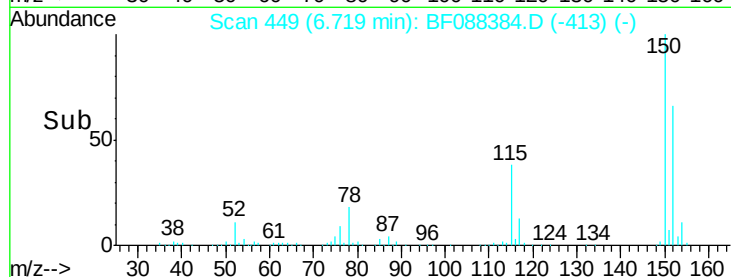
115 57.4 39.6 59.4



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: 32.79 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.03 min

Lab File: BF088384.D

Acq: 25 Jun 2016 18:41

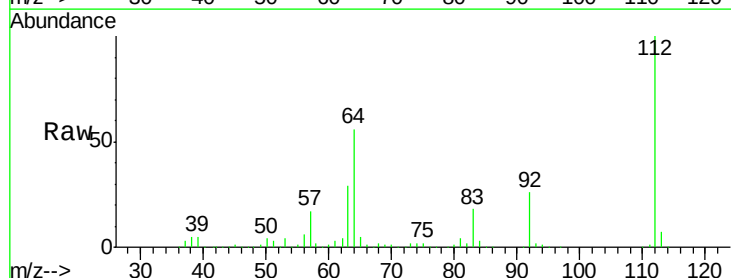
Tgt Ion:112 Resp: 471053

Ion Ratio Lower Upper

112 100

64 56.2 42.2 63.2

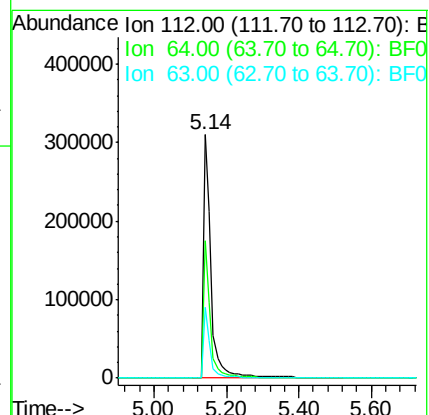
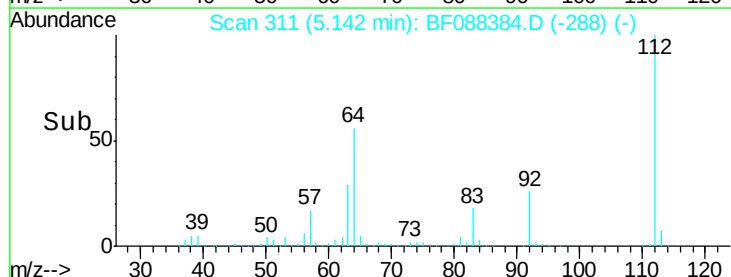
63 29.3 21.8 32.8

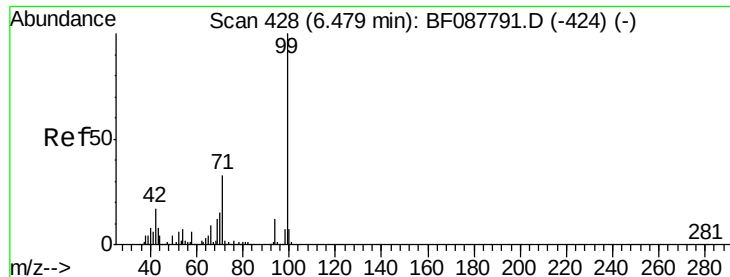


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.87 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088384.D

Acq: 25 Jun 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SC-STA-1466(0-4)

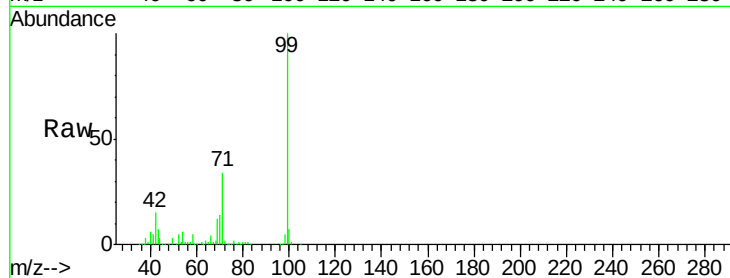
Tgt Ion: 99 Resp: 589796

Ion Ratio Lower Upper

99 100

42 14.9 12.2 18.2

71 33.6 23.4 35.0



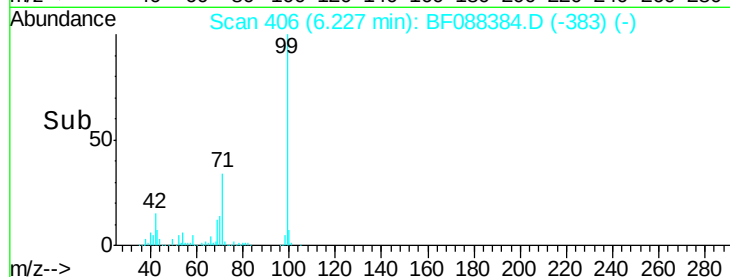
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

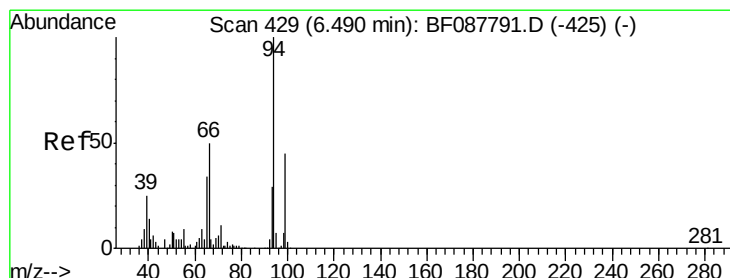
6.23

Time-->



6.23

Time-->



#10

Phenol

Concen: Below Cal

RT: 6.33 min Scan# 415

Delta R.T. 0.06 min

Lab File: BF088384.D

Acq: 25 Jun 2016 18:41

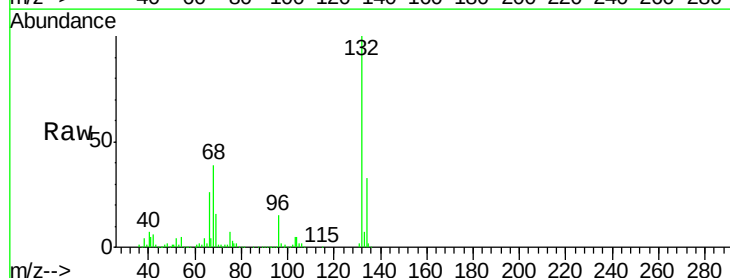
Tgt Ion: 94 Resp: 685

Ion Ratio Lower Upper

94 100

65 942.7 5.9 45.9#

66 11969.6 14.0 54.0#



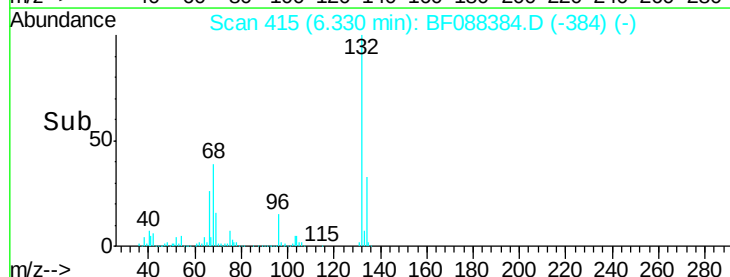
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

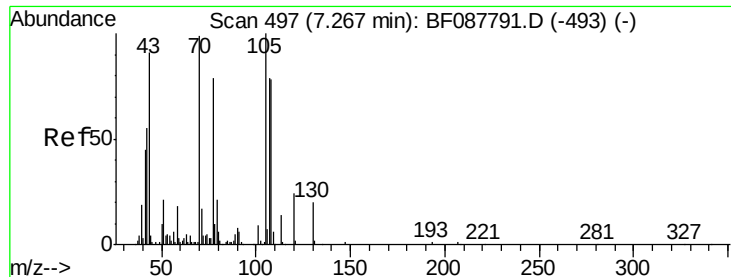
6.33

Time-->



6.33

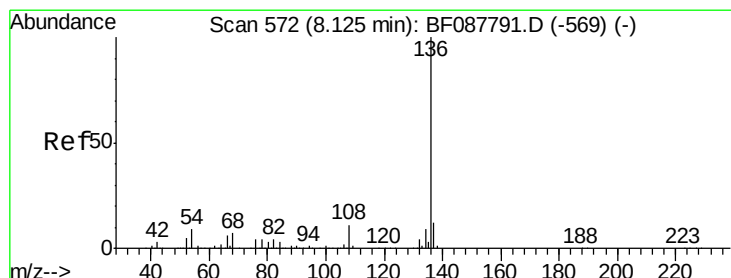
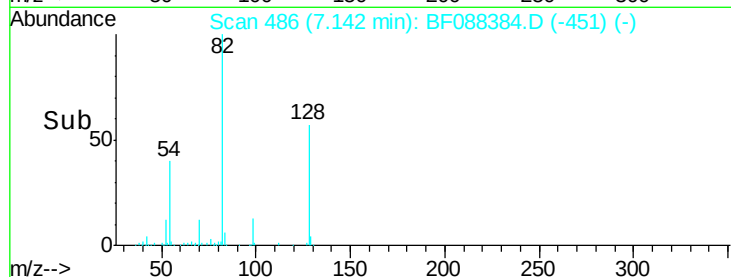
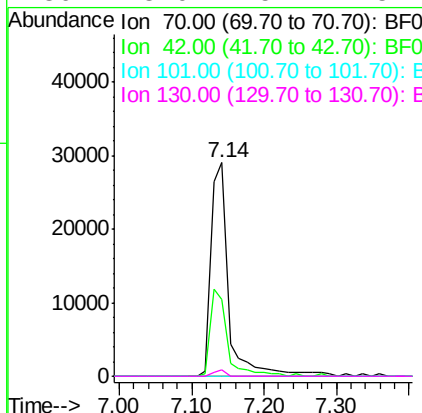
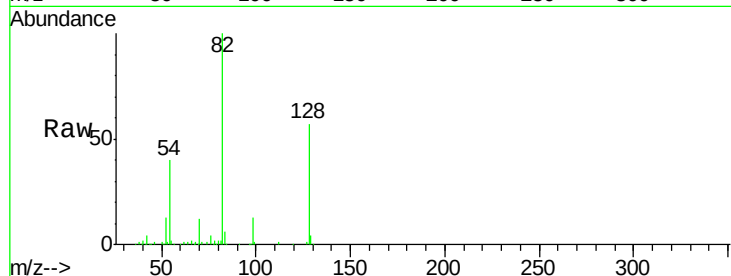
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 4.38 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.10 min
Lab File: BF088384.D
Acq: 25 Jun 2016 18:41

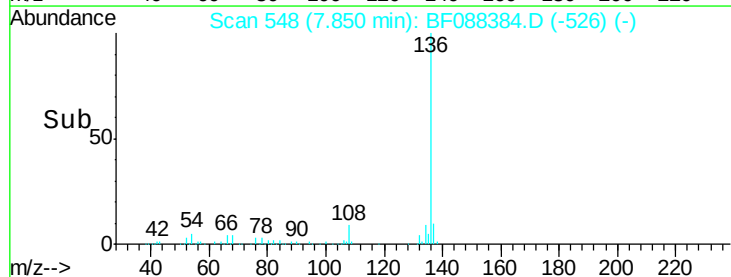
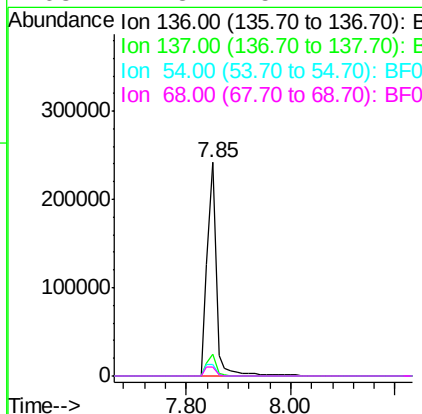
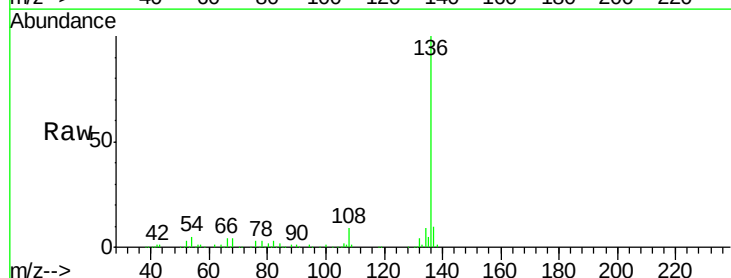
Instrument :
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SC-STA-1466(0-4)

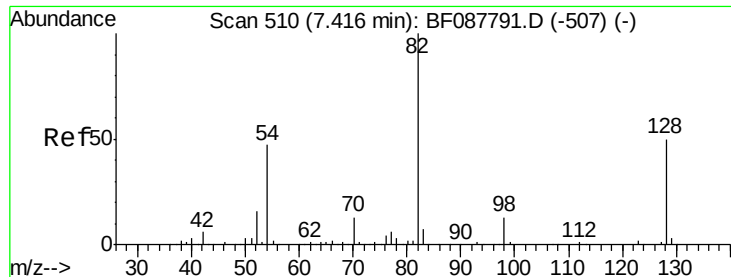
Tgt Ion: 70 Resp: 48799
Ion Ratio Lower Upper
70 100
42 36.3 49.6 74.4#
101 0.0 7.1 10.7#
130 3.0 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF088384.D
Acq: 25 Jun 2016 18:41

Tgt Ion: 136 Resp: 297106
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 5.1 6.6 10.0#
68 4.3 5.1 7.7#

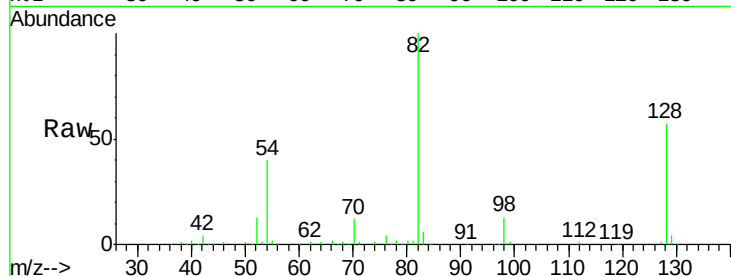




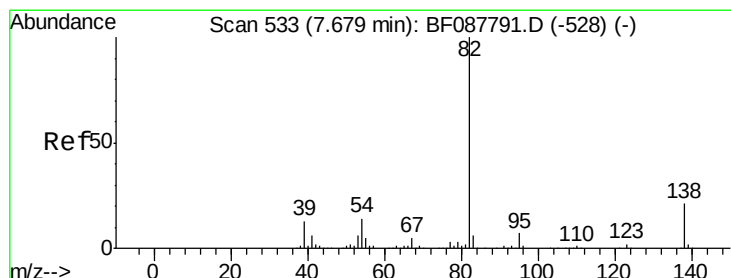
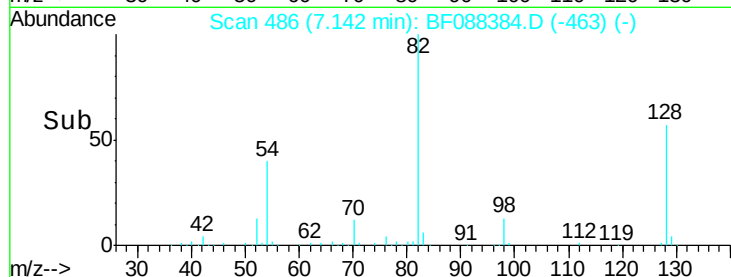
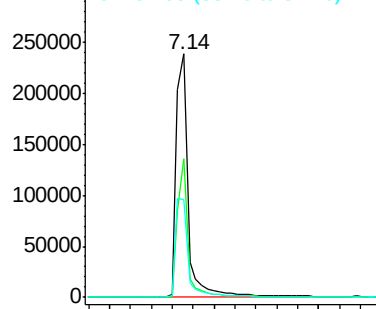
#23
 Nitrobenzene-d5
 Concen: 75.55 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF088384.D
 Acq: 25 Jun 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1466(0-4)

Tgt Ion: 82 Resp: 384416
 Ion Ratio Lower Upper
 82 100
 128 57.0 35.9 53.9#
 54 39.9 40.9 61.3#

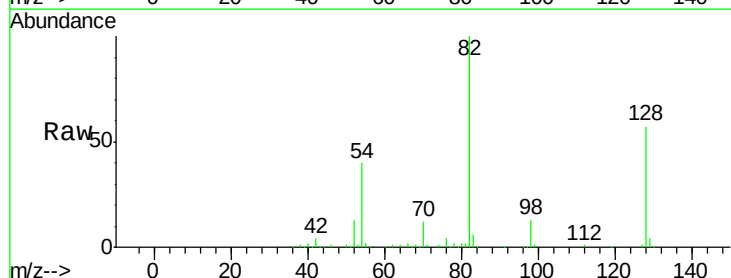


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

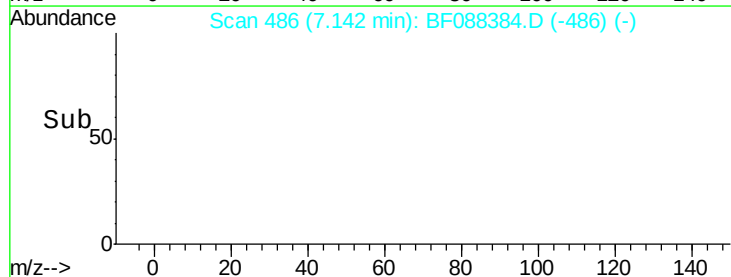
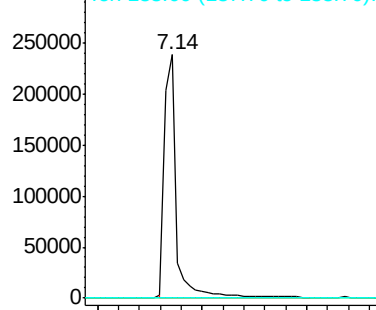


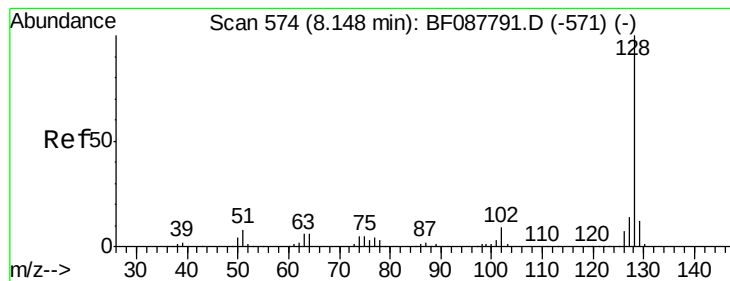
#25
 Isophorone
 Concen: 39.16 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.30 min
 Lab File: BF088384.D
 Acq: 25 Jun 2016 18:41

Tgt Ion: 82 Resp: 369032
 Ion Ratio Lower Upper
 82 100
 95 0.0 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): E





#31

Naphthalene

Concen: 2.32 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.05 min

Lab File: BF088384.D

Acq: 25 Jun 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SC-STA-1466(0-4)

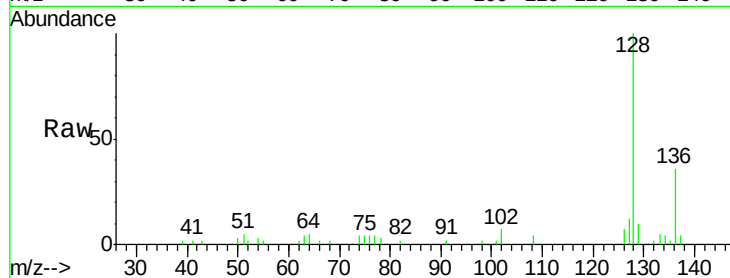
Tgt Ion:128 Resp: 34130

Ion Ratio Lower Upper

128 100

129 10.5 9.4 14.2

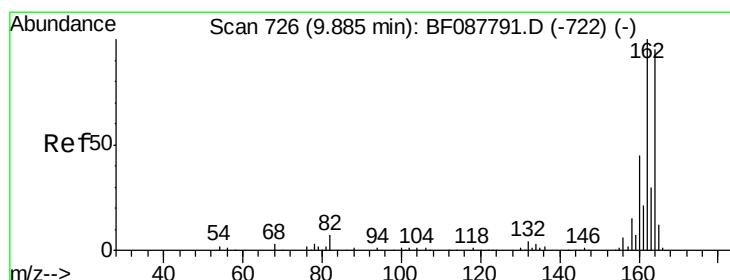
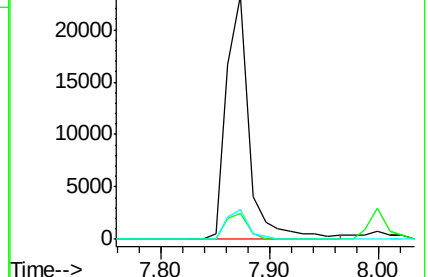
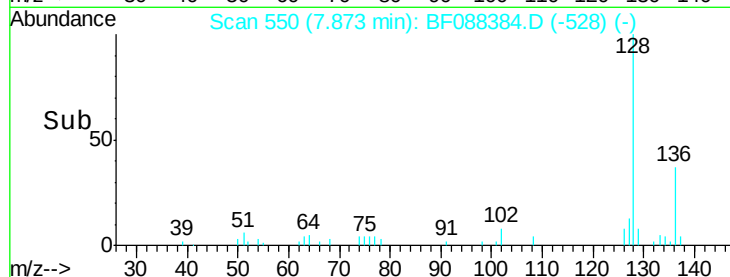
127 12.4 10.9 16.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.06 min

Lab File: BF088384.D

Acq: 25 Jun 2016 18:41

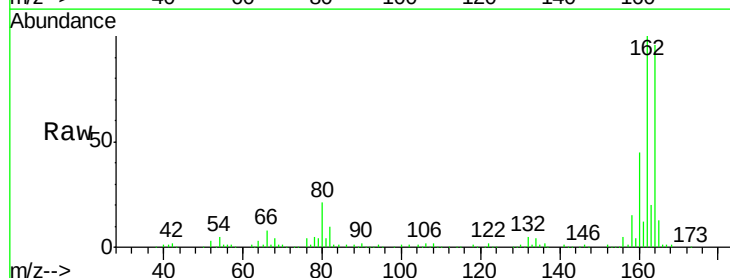
Tgt Ion:164 Resp: 128649

Ion Ratio Lower Upper

164 100

162 104.2 85.4 128.2

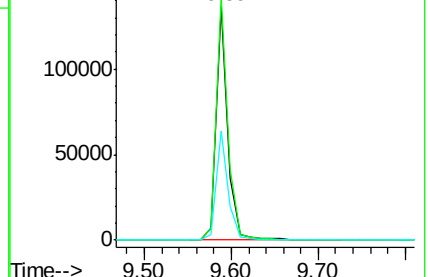
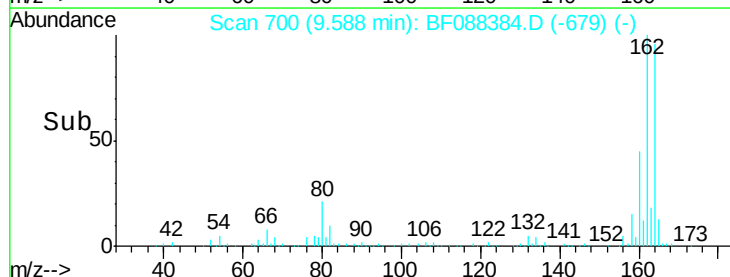
160 46.8 39.5 59.3

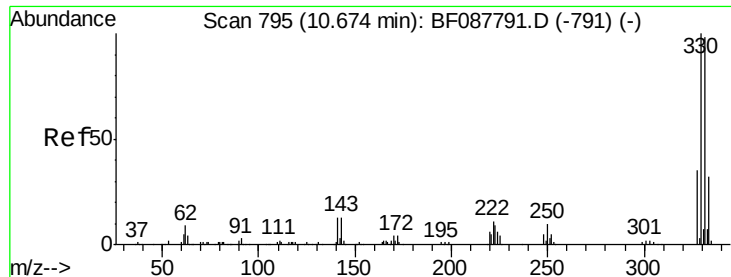


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

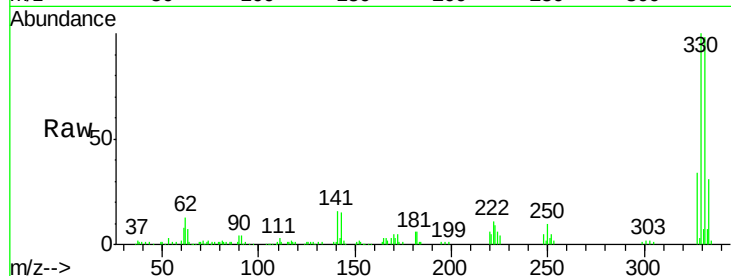




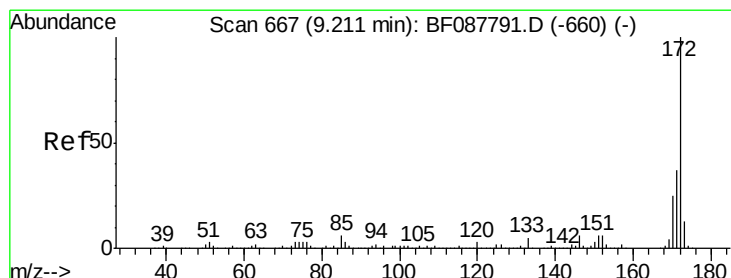
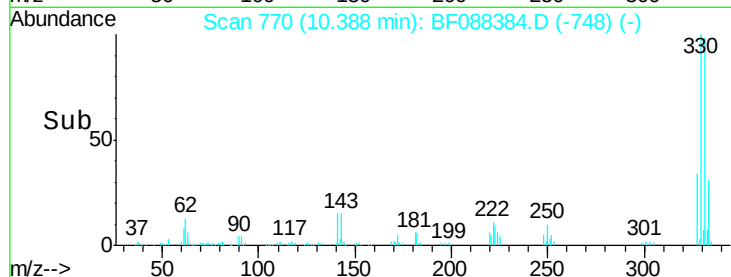
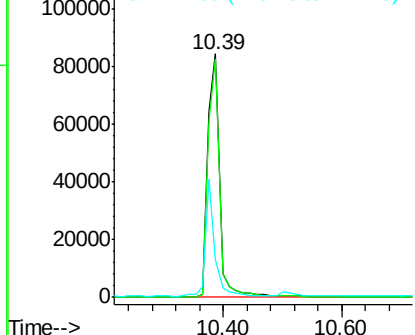
#41
 2,4,6-Tribromophenol
 Concen: 87.65 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF088384.D
 Acq: 25 Jun 2016 18:41

Instrument :
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 SC-STA-1466(0-4)

Tgt Ion:330 Resp: 119060
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 37.8 0.0 0.0#

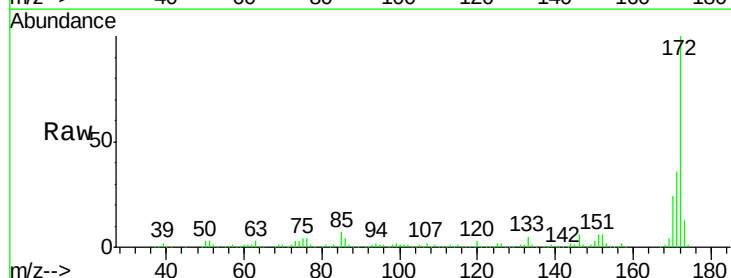


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

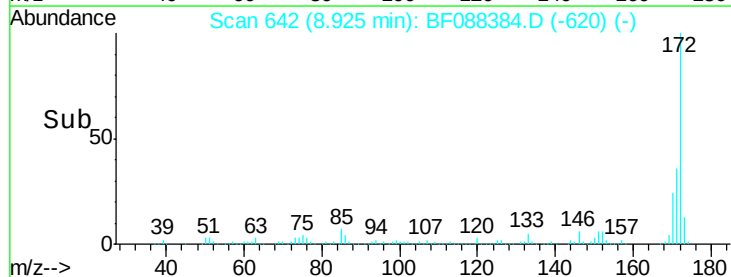
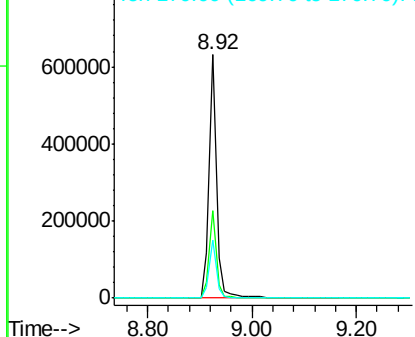


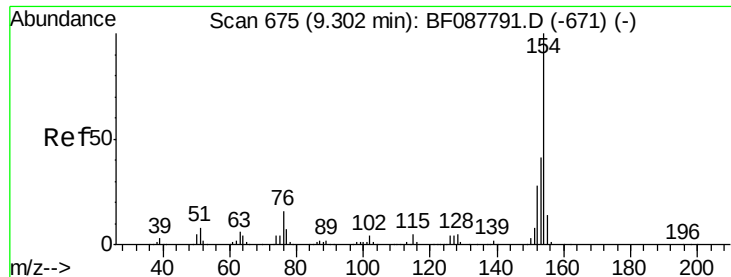
#44
 2-Fluorobiphenyl
 Concen: 76.71 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF088384.D
 Acq: 25 Jun 2016 18:41

Tgt Ion:172 Resp: 632653
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.1 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: BF088384.D

Acq: 25 Jun 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SC-STA-1466(0-4)

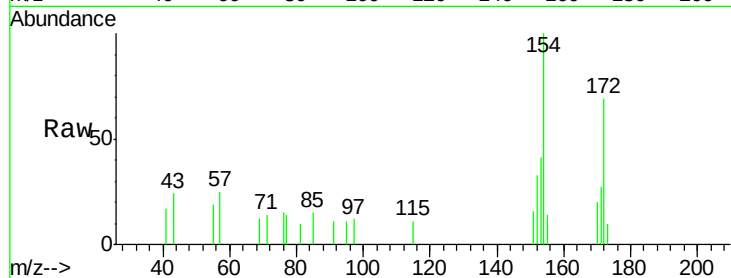
Tgt Ion:154 Resp: 3273

Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

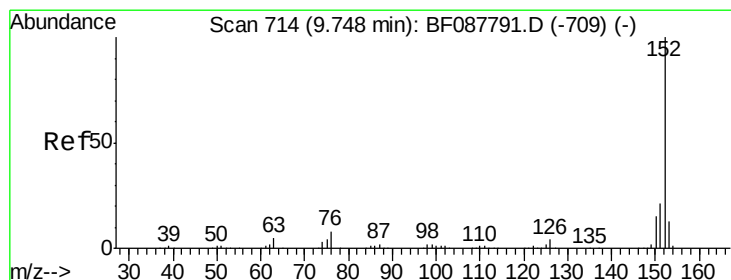
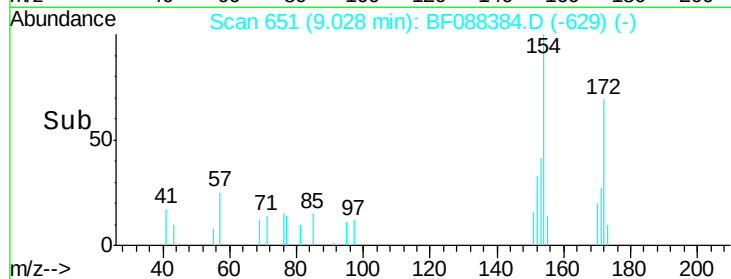
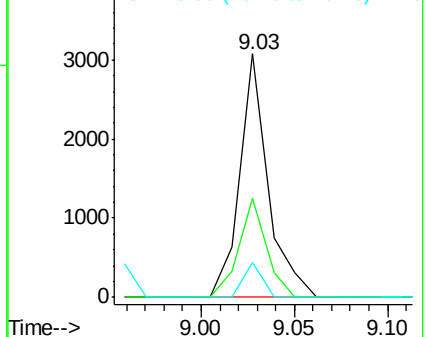
76 14.6 0.0 35.1



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: 13.84 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.06 min

Lab File: BF088384.D

Acq: 25 Jun 2016 18:41

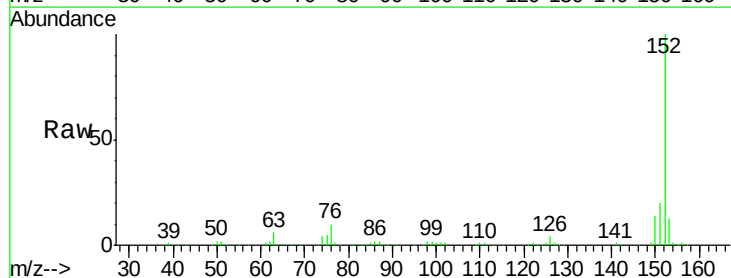
Tgt Ion:152 Resp: 183302

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

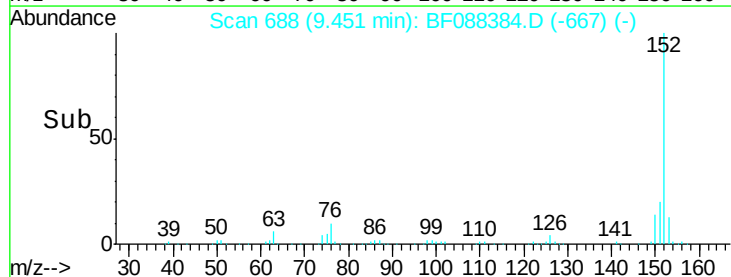
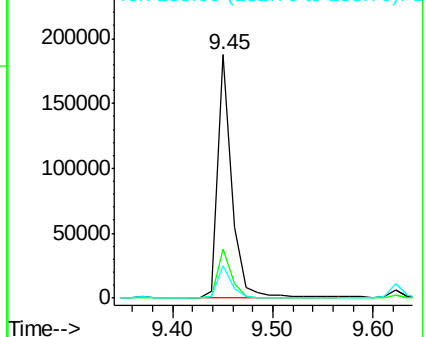
153 13.4 11.0 16.6

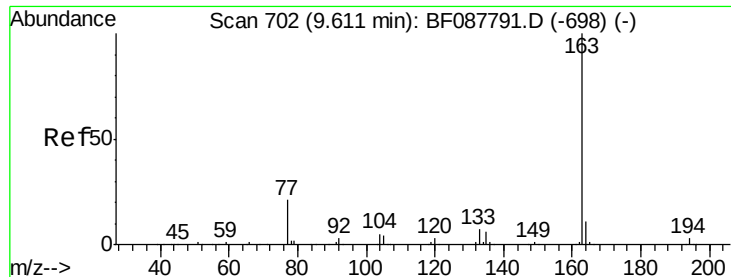


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 12.68 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF088384.D

Acq: 25 Jun 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SC-STA-1466(0-4)

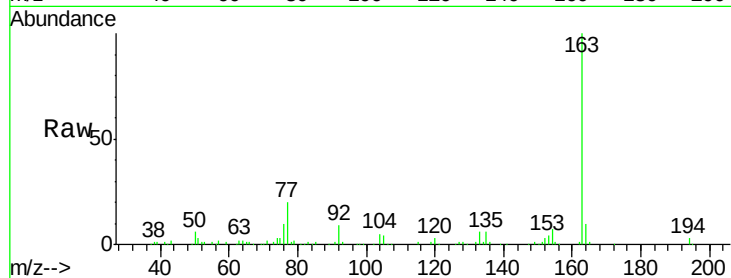
Tgt Ion:163 Resp: 118189

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

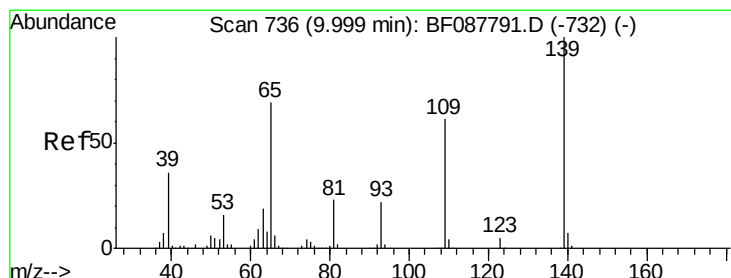
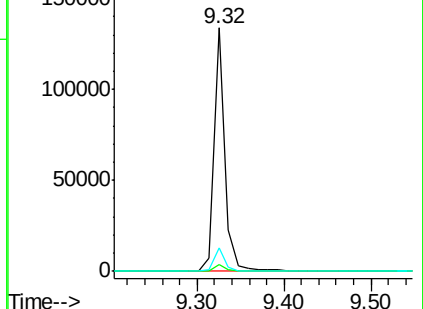
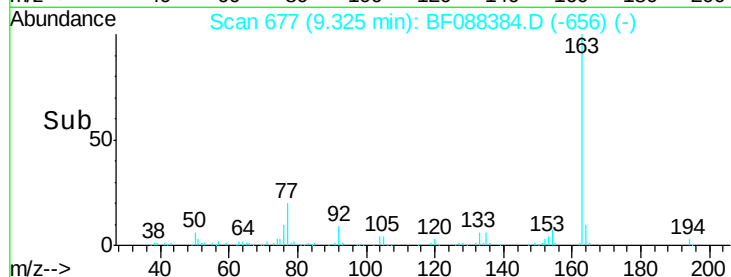
164 9.9 8.3 12.5



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



#55

4-Nitrophenol

Concen: 2.99 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF088384.D

Acq: 25 Jun 2016 18:41

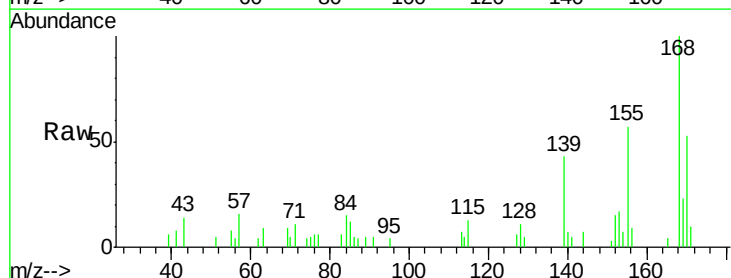
Tgt Ion:139 Resp: 5721

Ion Ratio Lower Upper

139 100

109 0.0 48.9 88.9#

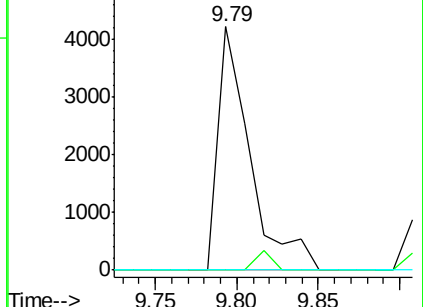
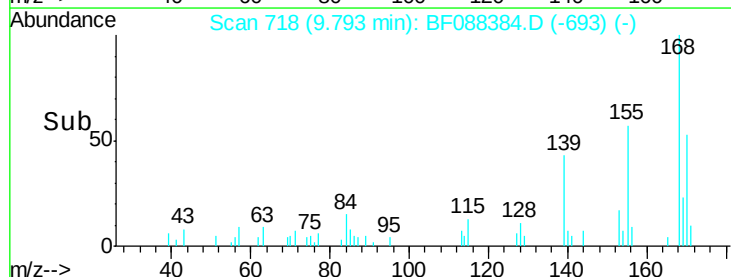
65 0.0 84.9 124.9#

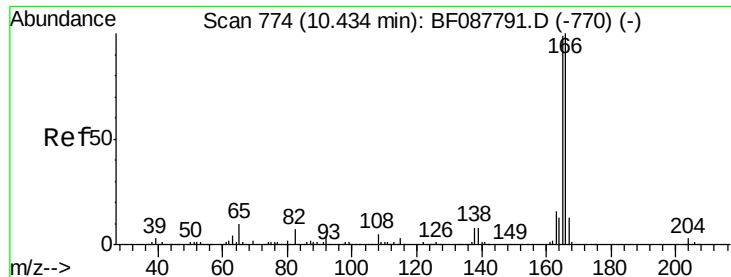


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

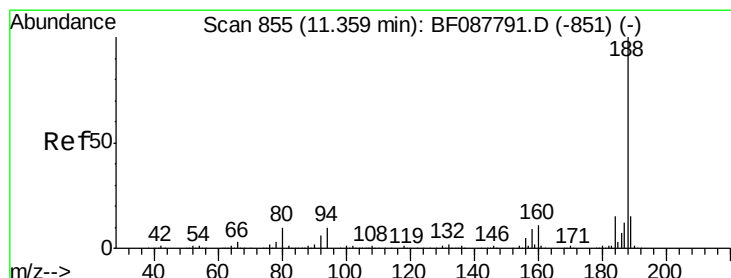
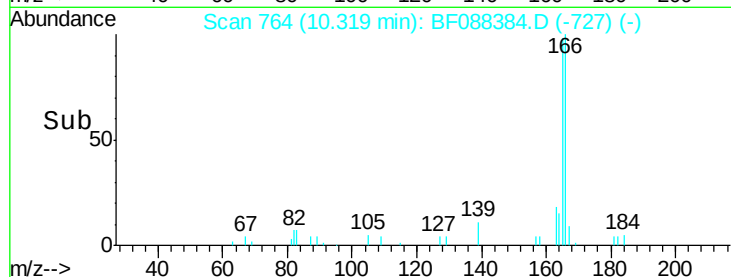
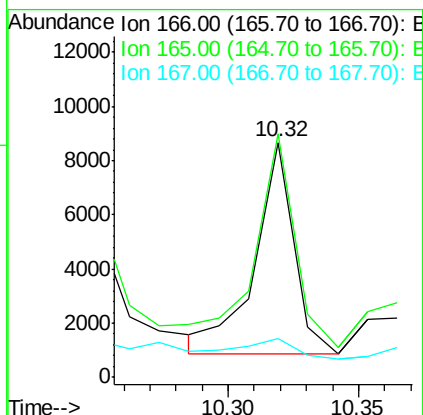
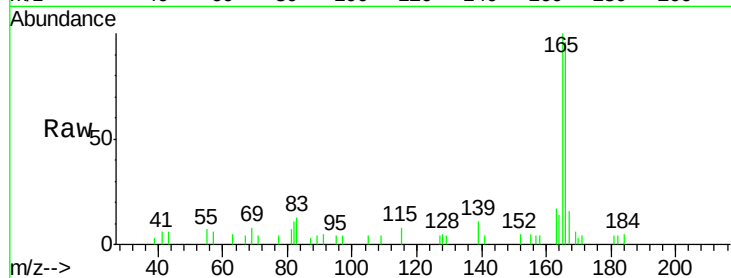




#57
Fluorene
 Concen: Below Cal
 RT: 10.32 min Scan# 764
 Delta R.T. 0.13 min
 Lab File: BF088384.D
 Acq: 25 Jun 2016 18:41

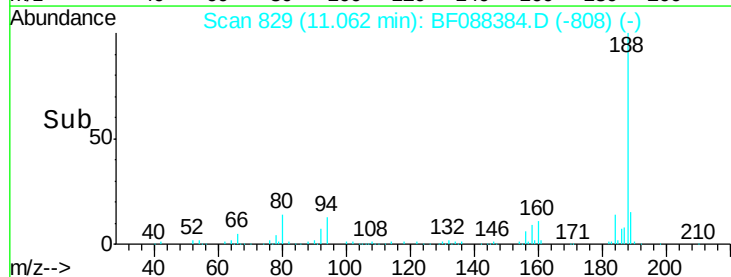
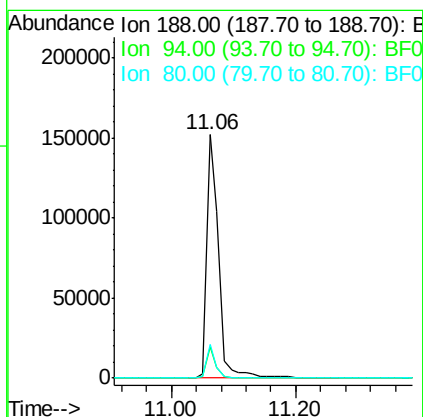
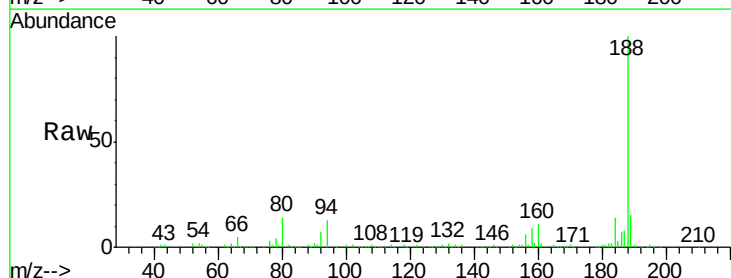
Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1466(0-4)

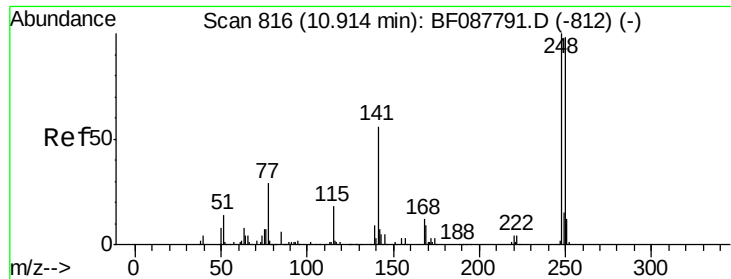
Tgt Ion:166 Resp: 8103
 Ion Ratio Lower Upper
 166 100
 165 103.7 77.8 116.8
 167 16.5 11.2 16.8



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.06 min
 Lab File: BF088384.D
 Acq: 25 Jun 2016 18:41

Tgt Ion:188 Resp: 200581
 Ion Ratio Lower Upper
 188 100
 94 12.8 9.0 13.6
 80 13.6 10.0 15.0





#66

4-Bromophenyl-phenylether

Concen: 3.24 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.30 min

Lab File: BF088384.D

Acq: 25 Jun 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SC-STA-1466(0-4)

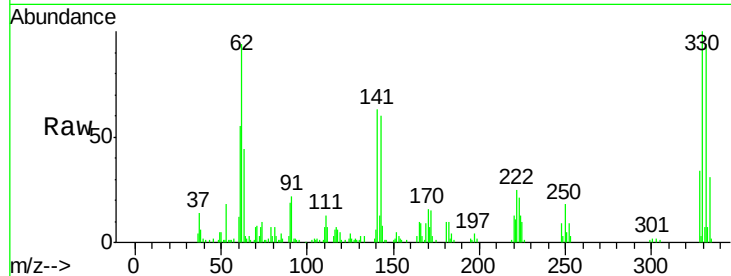
Tgt Ion:248 Resp: 6974

Ion Ratio Lower Upper

248 100

250 197.3 77.1 115.7#

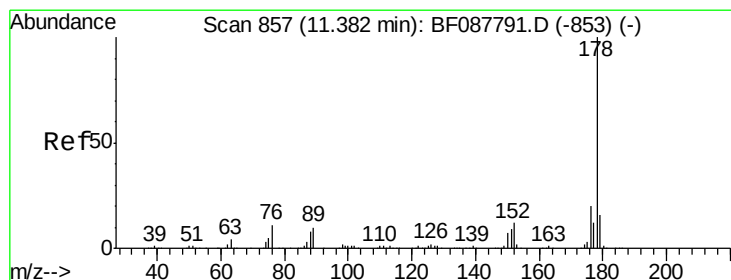
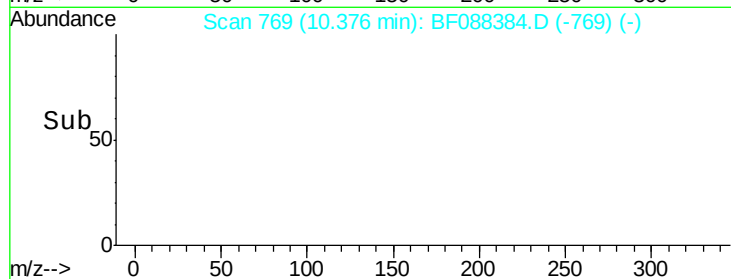
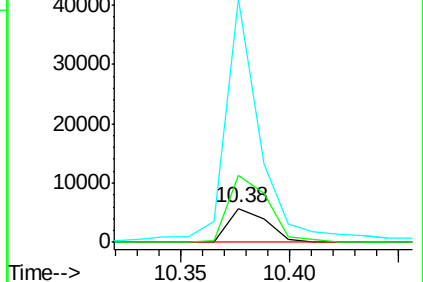
141 711.2 50.6 76.0#



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: 16.07 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.06 min

Lab File: BF088384.D

Acq: 25 Jun 2016 18:41

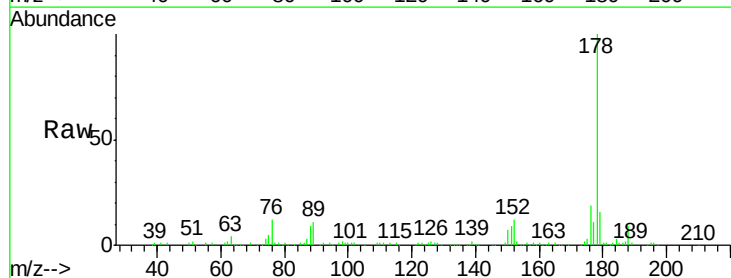
Tgt Ion:178 Resp: 169182

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.6

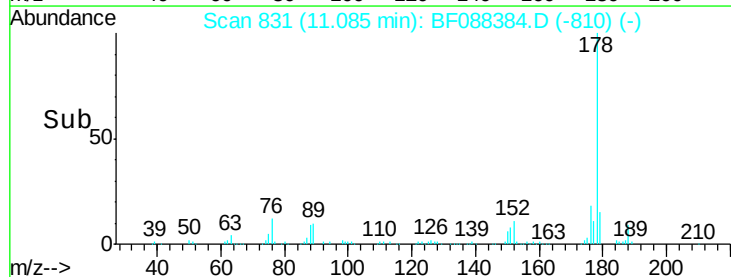
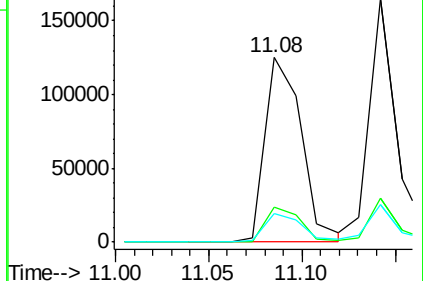
179 15.6 13.0 19.4

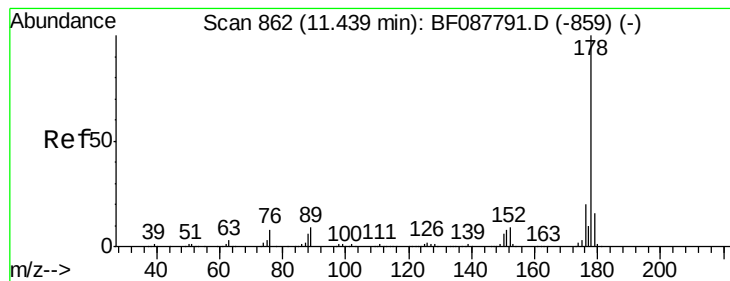


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 17.33 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.06 min

Lab File: BF088384.D

Acq: 25 Jun 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SC-STA-1466(0-4)

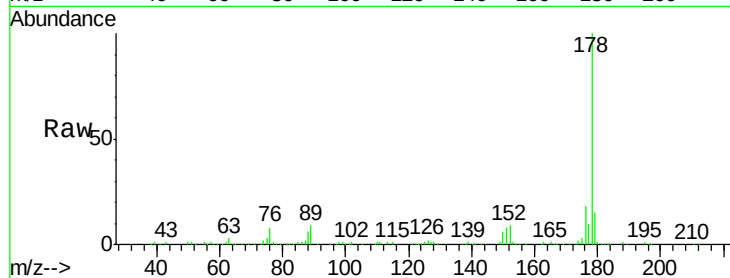
Tgt Ion:178 Resp: 184008

Ion Ratio Lower Upper

178 100

176 18.2 15.6 23.4

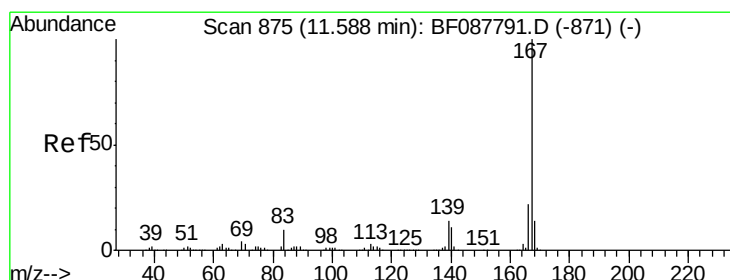
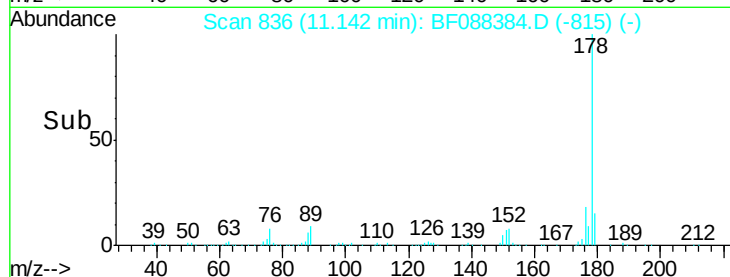
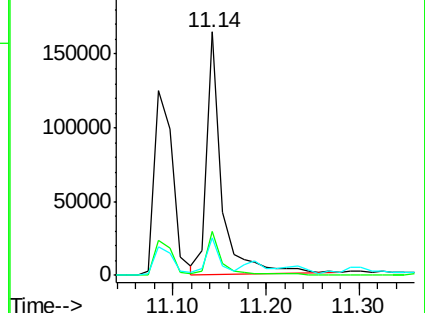
179 15.4 12.8 19.2



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: 4.58 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF088384.D

Acq: 25 Jun 2016 18:41

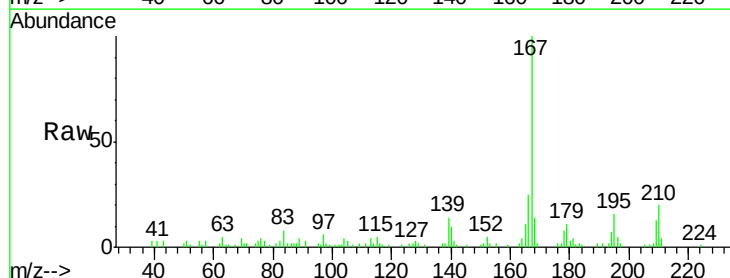
Tgt Ion:167 Resp: 45483

Ion Ratio Lower Upper

167 100

166 24.6 17.8 26.6

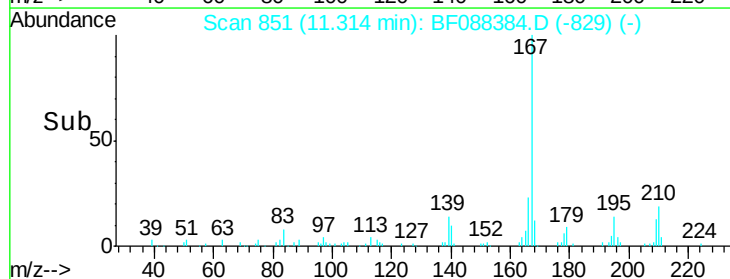
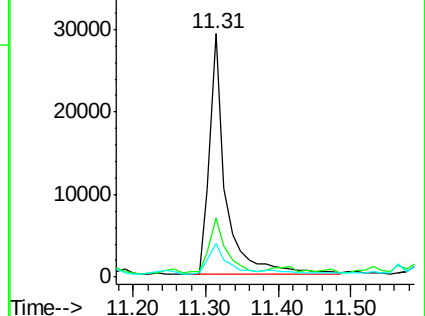
139 14.0 11.2 16.8

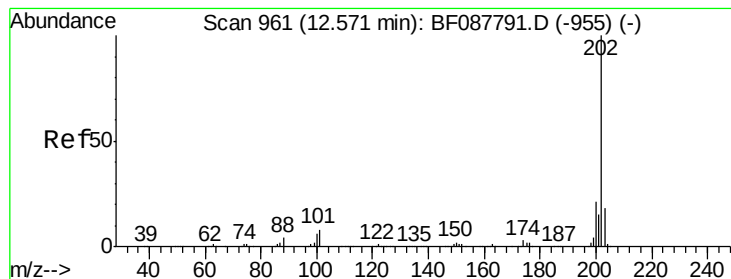


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 75.47 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF088384.D

Acq: 25 Jun 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SC-STA-1466(0-4)

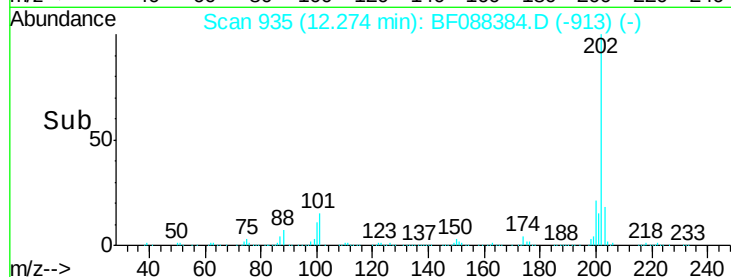
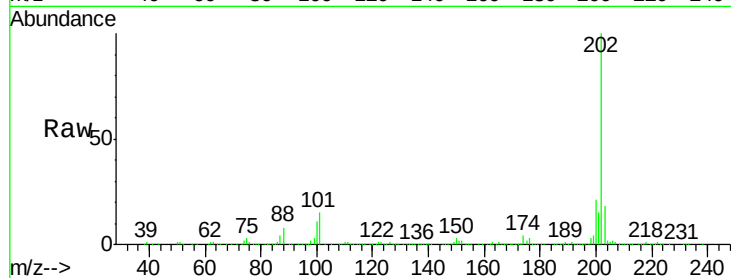
Tgt Ion:202 Resp: 838317

Ion Ratio Lower Upper

202 100

101 15.0 0.0 33.1

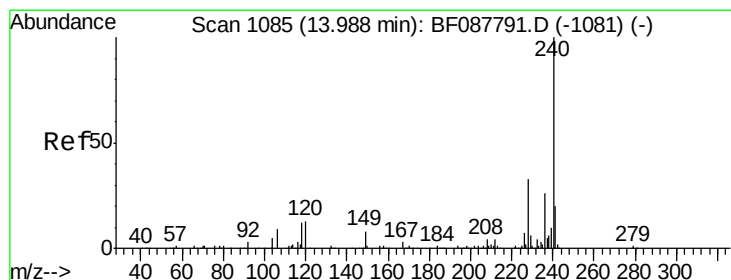
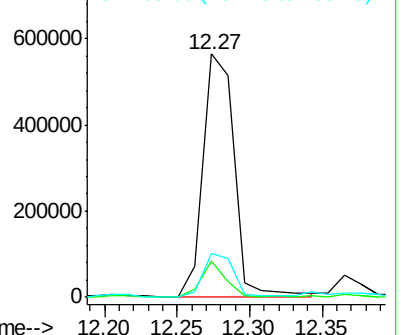
203 18.2 0.0 38.1



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: BF088384.D

Acq: 25 Jun 2016 18:41

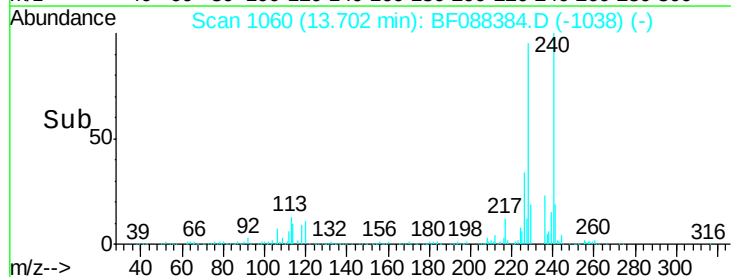
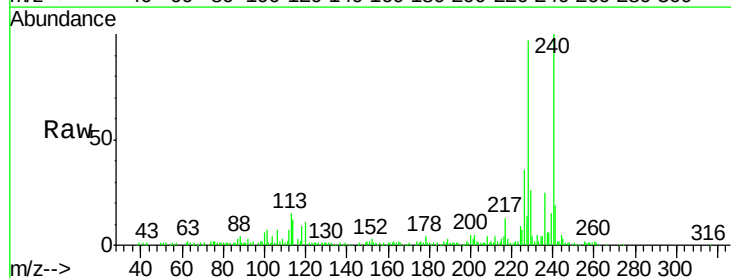
Tgt Ion:240 Resp: 144487

Ion Ratio Lower Upper

240 100

120 10.8 6.8 10.2#

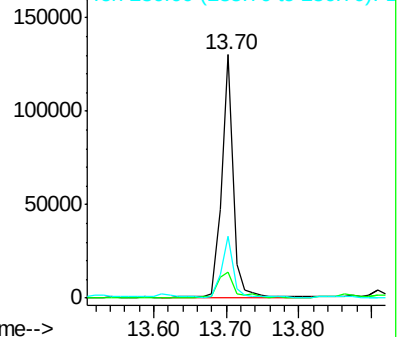
236 25.3 20.2 30.2

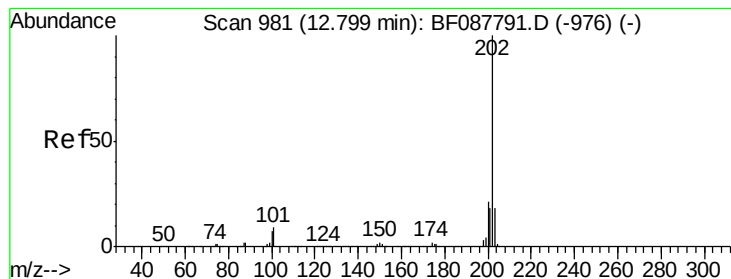


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 74.98 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.05 min

Lab File: BF088384.D

Acq: 25 Jun 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SC-STA-1466(0-4)

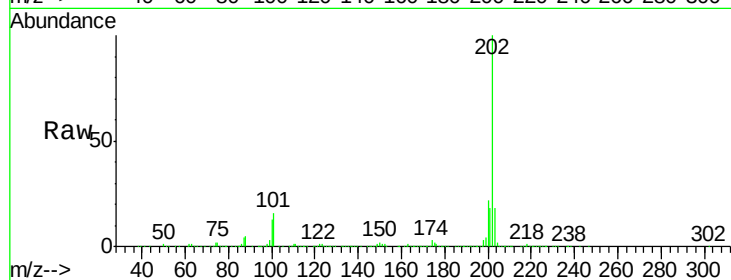
Tgt Ion:202 Resp: 803912

Ion Ratio Lower Upper

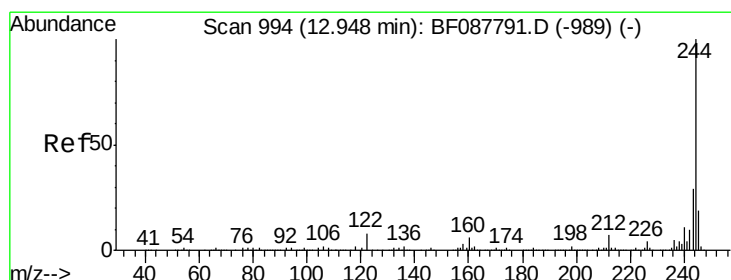
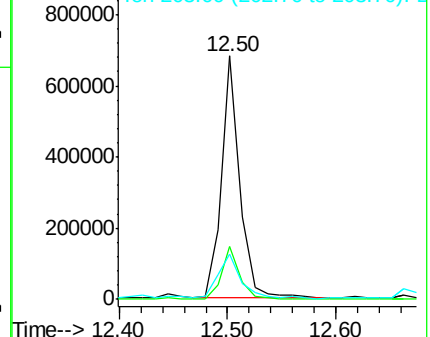
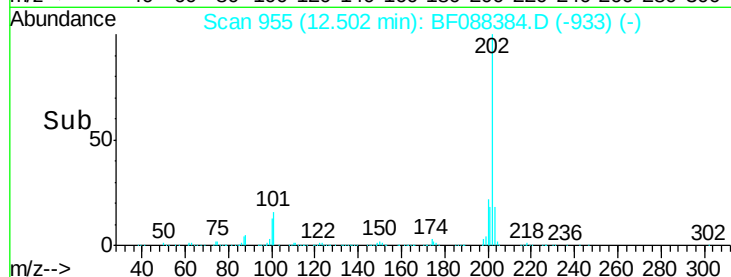
202 100

200 22.0 17.4 26.2

203 18.5 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: 61.59 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.05 min

Lab File: BF088384.D

Acq: 25 Jun 2016 18:41

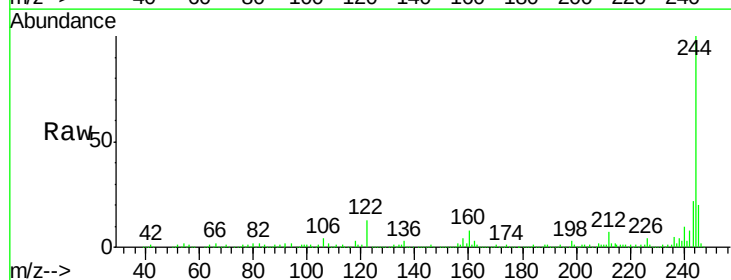
Tgt Ion:244 Resp: 391082

Ion Ratio Lower Upper

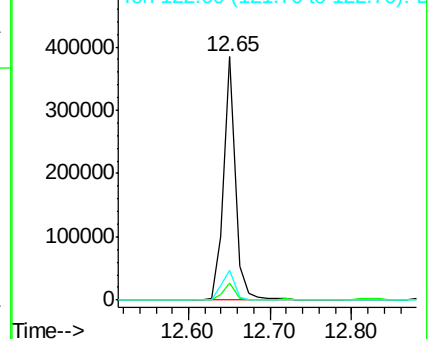
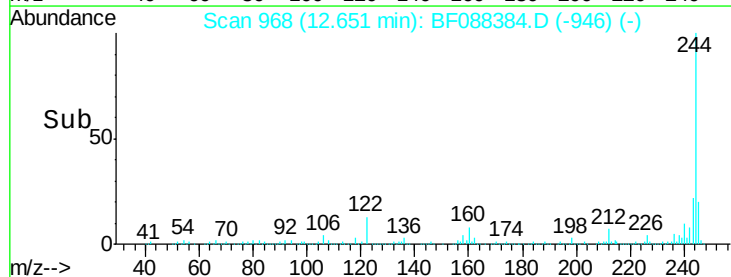
244 100

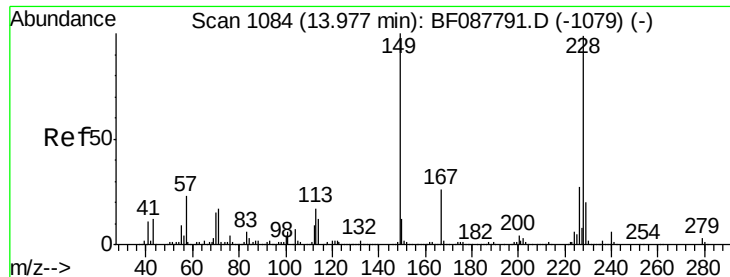
212 7.3 6.0 9.0

122 12.5 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: 69.98 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.05 min

Lab File: BF088384.D

Acq: 25 Jun 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SC-STA-1466(0-4)

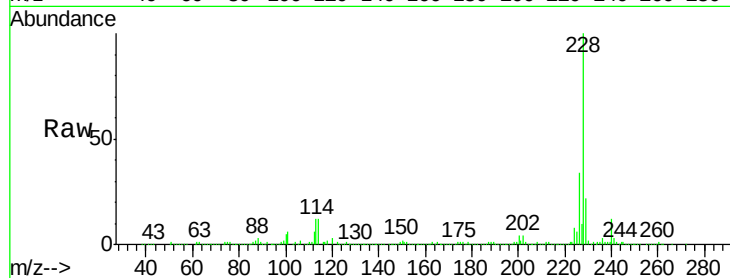
Tgt Ion:228 Resp: 576209

Ion Ratio Lower Upper

228 100

226 33.7 22.3 33.5#

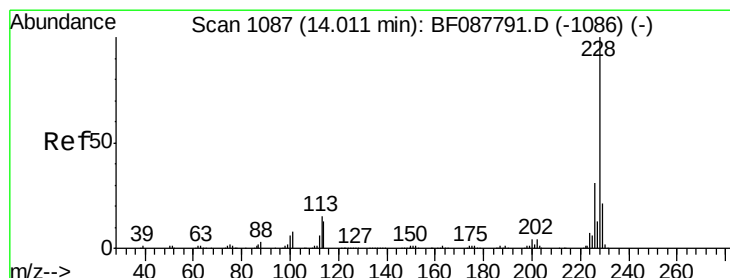
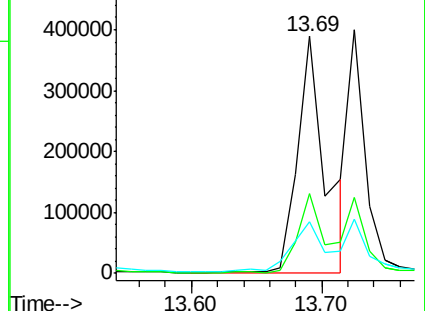
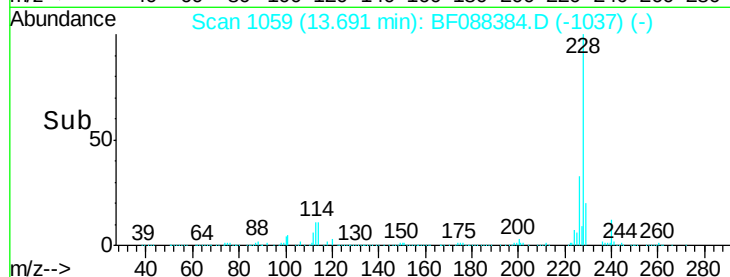
229 21.7 16.0 24.0



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



#82

Chrysene

Concen: 74.39 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.08 min

Lab File: BF088384.D

Acq: 25 Jun 2016 18:41

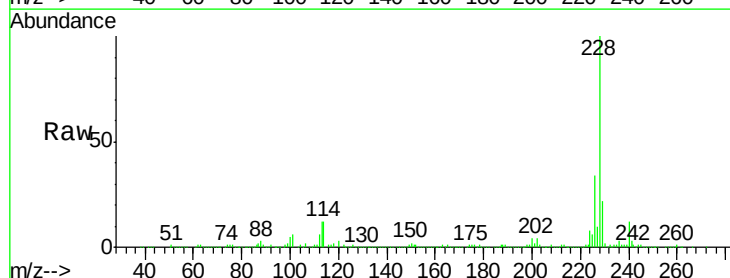
Tgt Ion:228 Resp: 576209

Ion Ratio Lower Upper

228 100

226 33.7 25.4 38.2

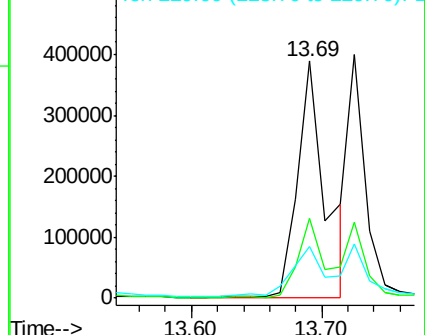
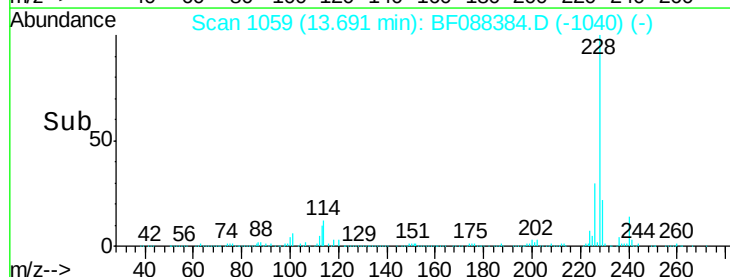
229 21.7 16.3 24.5

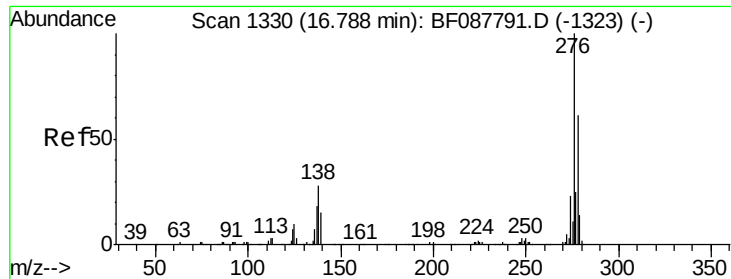


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

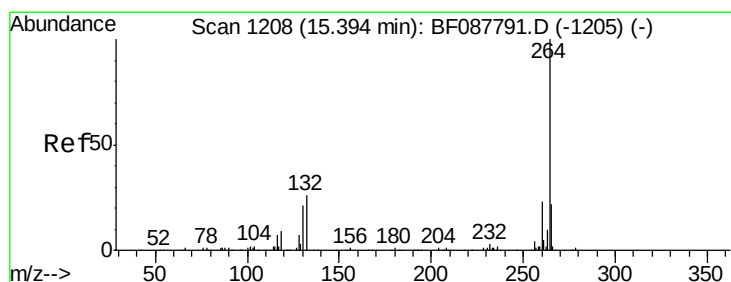
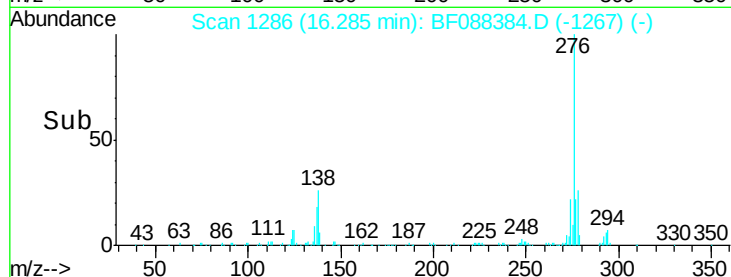
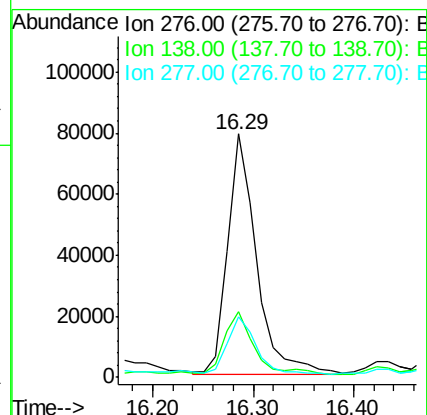
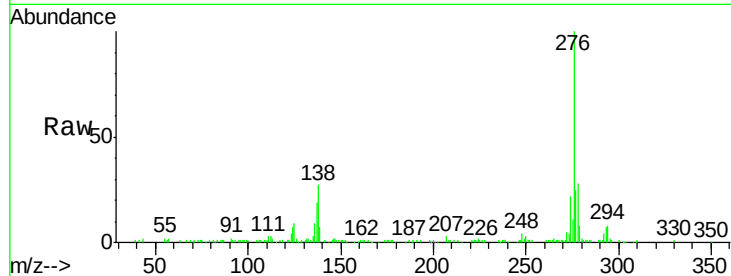




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 21.74 ng
 RT: 16.29 min Scan# 1286
 Delta R.T. -0.08 min
 Lab File: BF088384.D
 Acq: 25 Jun 2016 18:41

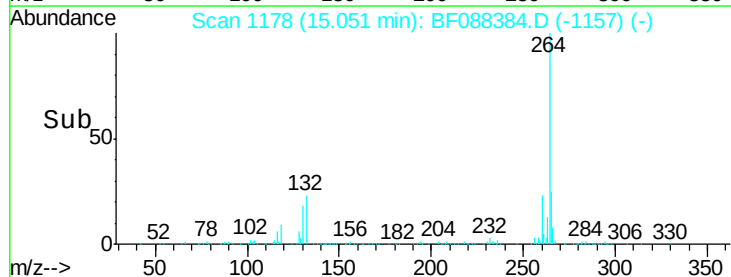
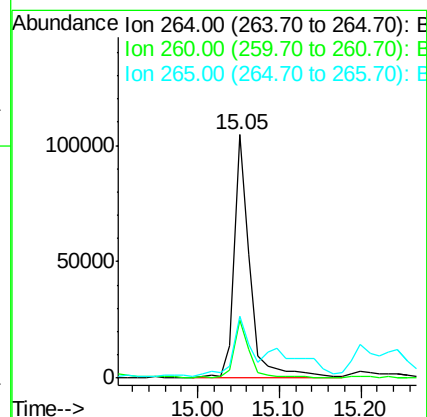
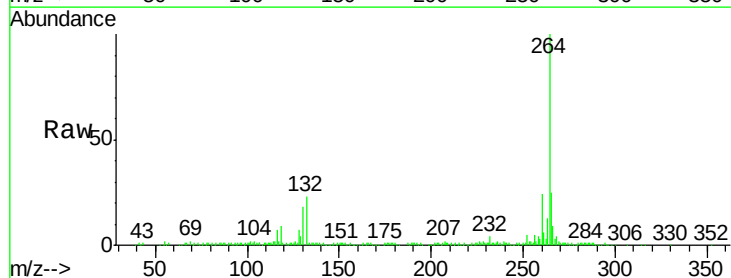
Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1466(0-4)

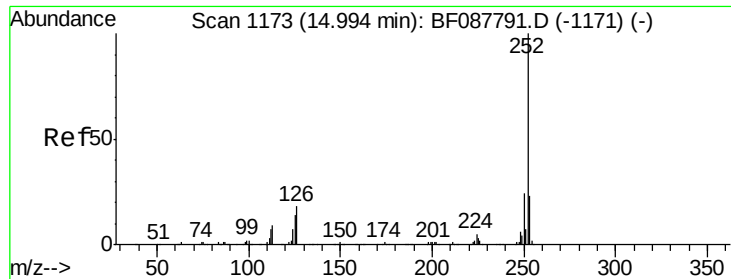
Tgt Ion: 276 Resp: 156440
 Ion Ratio Lower Upper
 276 100
 138 27.5 0.0 0.0#
 277 23.5 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.06 min
 Lab File: BF088384.D
 Acq: 25 Jun 2016 18:41

Tgt Ion: 264 Resp: 137077
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 25.3 16.9 25.3#

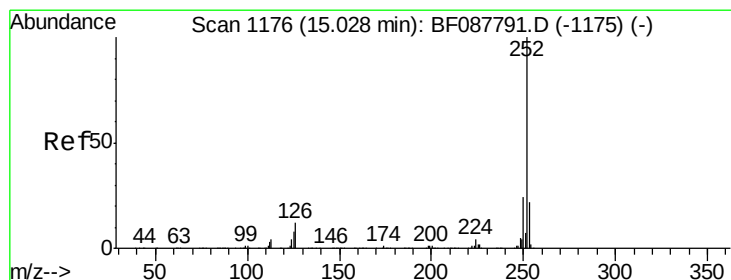
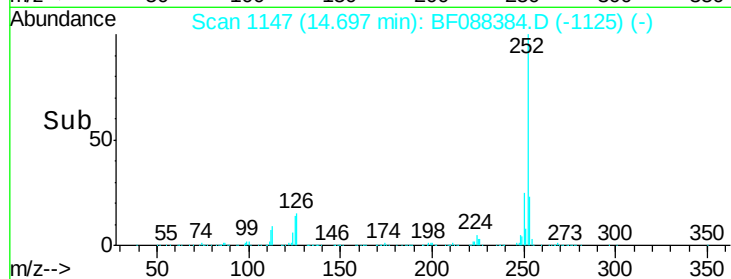
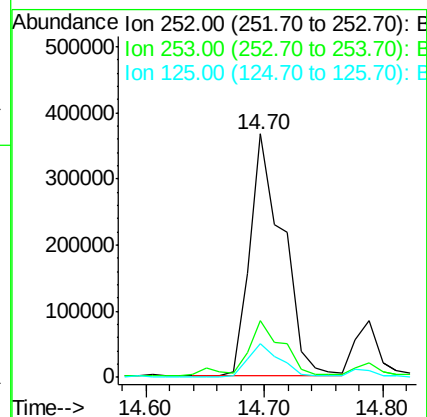
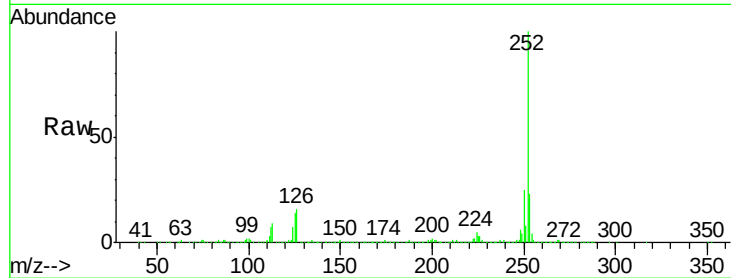




#87
Benzo(b)fluoranthene
Concen: 74.24 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF088384.D
Acq: 25 Jun 2016 18:41

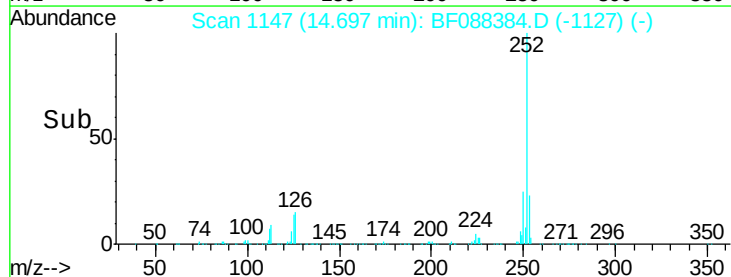
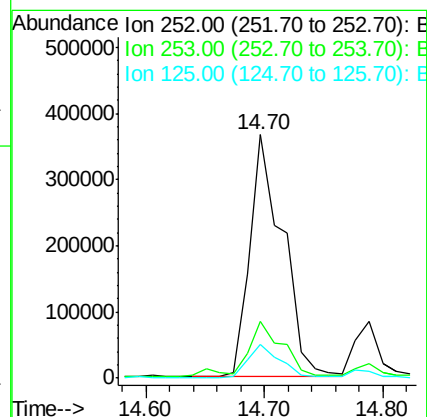
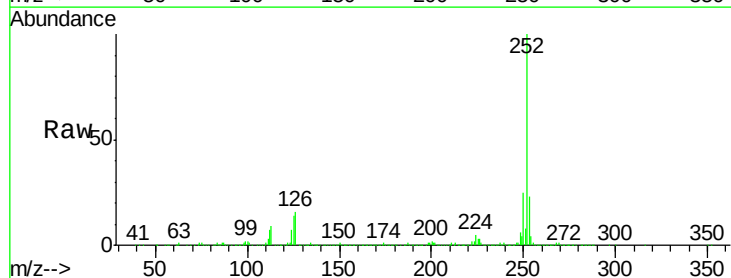
Instrument :
BNA_F
ClientSampleId :
SC-STA-1466(0-4)

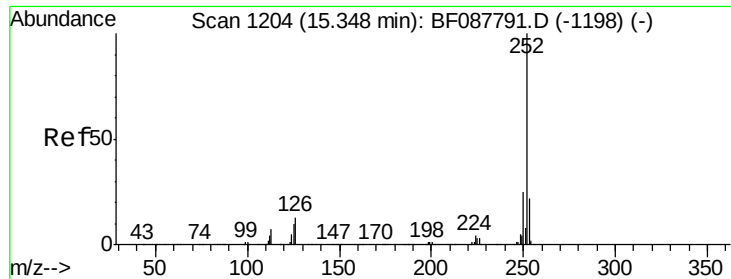
Tgt Ion: 252 Resp: 709282
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 14.1 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 98.41 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.07 min
Lab File: BF088384.D
Acq: 25 Jun 2016 18:41

Tgt Ion: 252 Resp: 709282
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 14.1 11.2 16.8





#89

Benzo(a)pyrene

Concen: 30.48 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.10 min

Lab File: BF088384.D

Acq: 25 Jun 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SC-STA-1466(0-4)

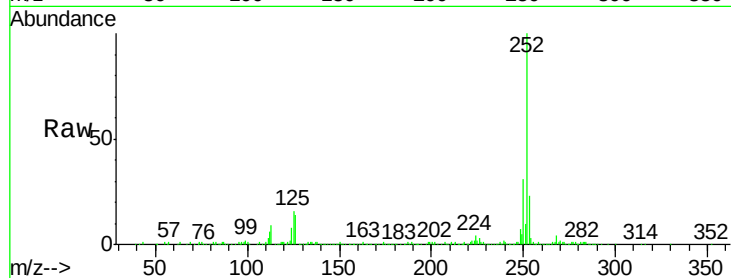
Tgt Ion:252 Resp: 235638

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

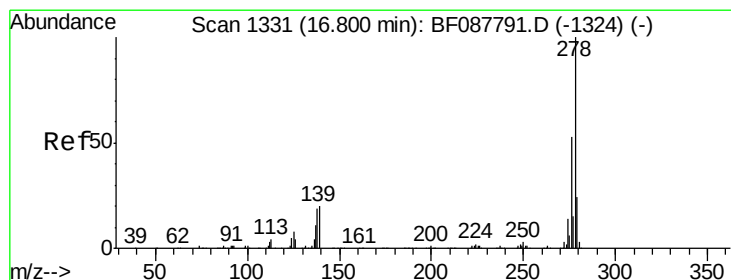
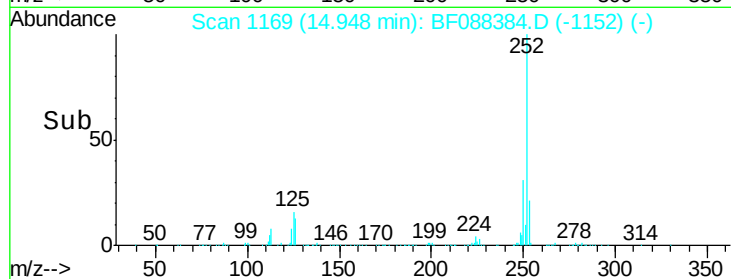
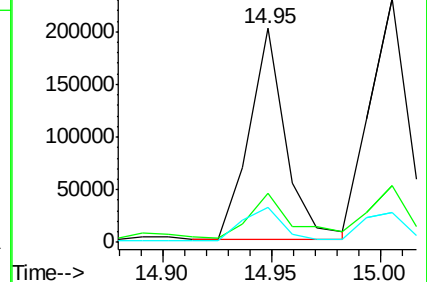
125 16.3 12.5 18.7



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: 4.42 ng

RT: 16.43 min Scan# 1299

Delta R.T. 0.07 min

Lab File: BF088384.D

Acq: 25 Jun 2016 18:41

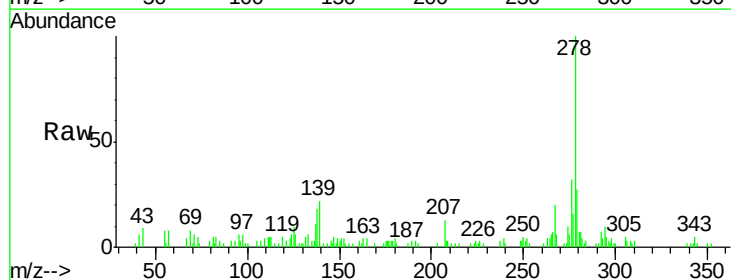
Tgt Ion:278 Resp: 31698

Ion Ratio Lower Upper

278 100

139 22.1 15.7 23.5

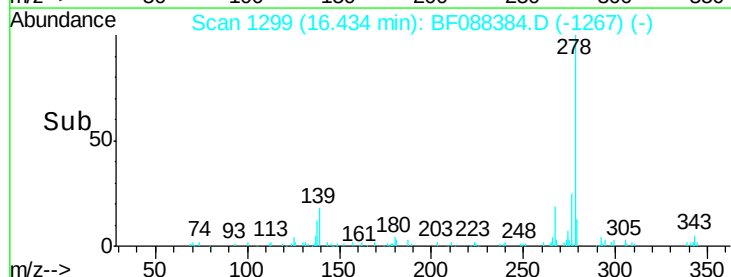
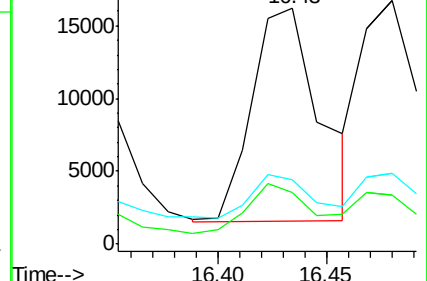
279 27.3 19.4 29.2

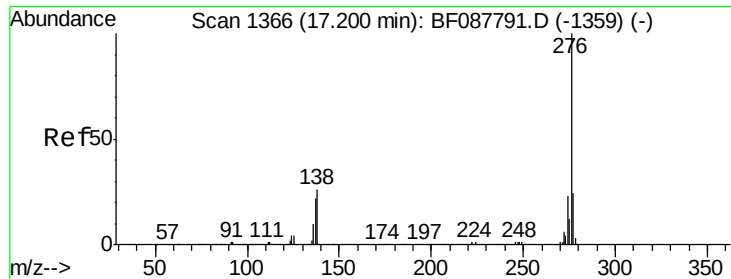


Abundance Ion 278.00 (277.70 to 278.70): E

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: 17.33 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.09 min

Lab File: BF088384.D

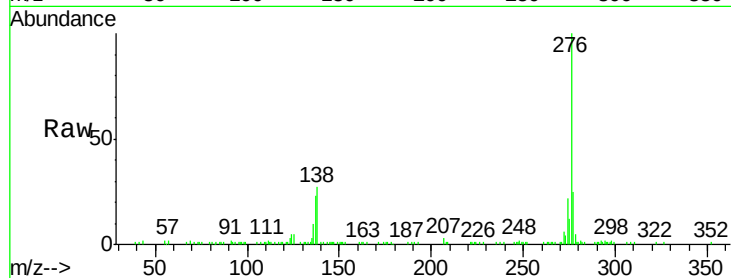
Acq: 25 Jun 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SC-STA-1466(0-4)



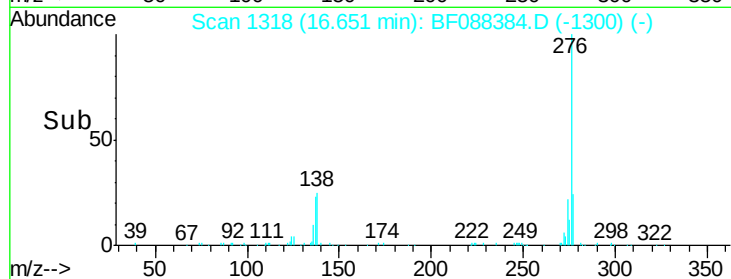
Tgt Ion: 276 Resp: 127971

Ion Ratio Lower Upper

276 100

277 25.1 18.9 28.3

138 26.8 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

