

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
 Data File : BF088386.D
 Acq On : 25 Jun 2016 19:39
 Operator : UM/SJ
 Sample : H3624-23
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1511(0-4)

Quant Time: Jun 26 01:59:12 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	78286	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	304339	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	127726	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	207222	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	156490	20.00	ng	-0.06
86) Perylene-d12	15.05	264	128176	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	458384	100.10	ng	-0.03
7) Phenol-d6	6.24	99	593306	106.91	ng	-0.02
23) Nitrobenzene-d5	7.13	82	347678	66.71	ng	-0.05
41) 2,4,6-Tribromophenol	10.38	330	110520	81.95	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	613014	74.73	ng	-0.05
78) Terphenyl-d14	12.65	244	442317	64.32	ng	-0.05

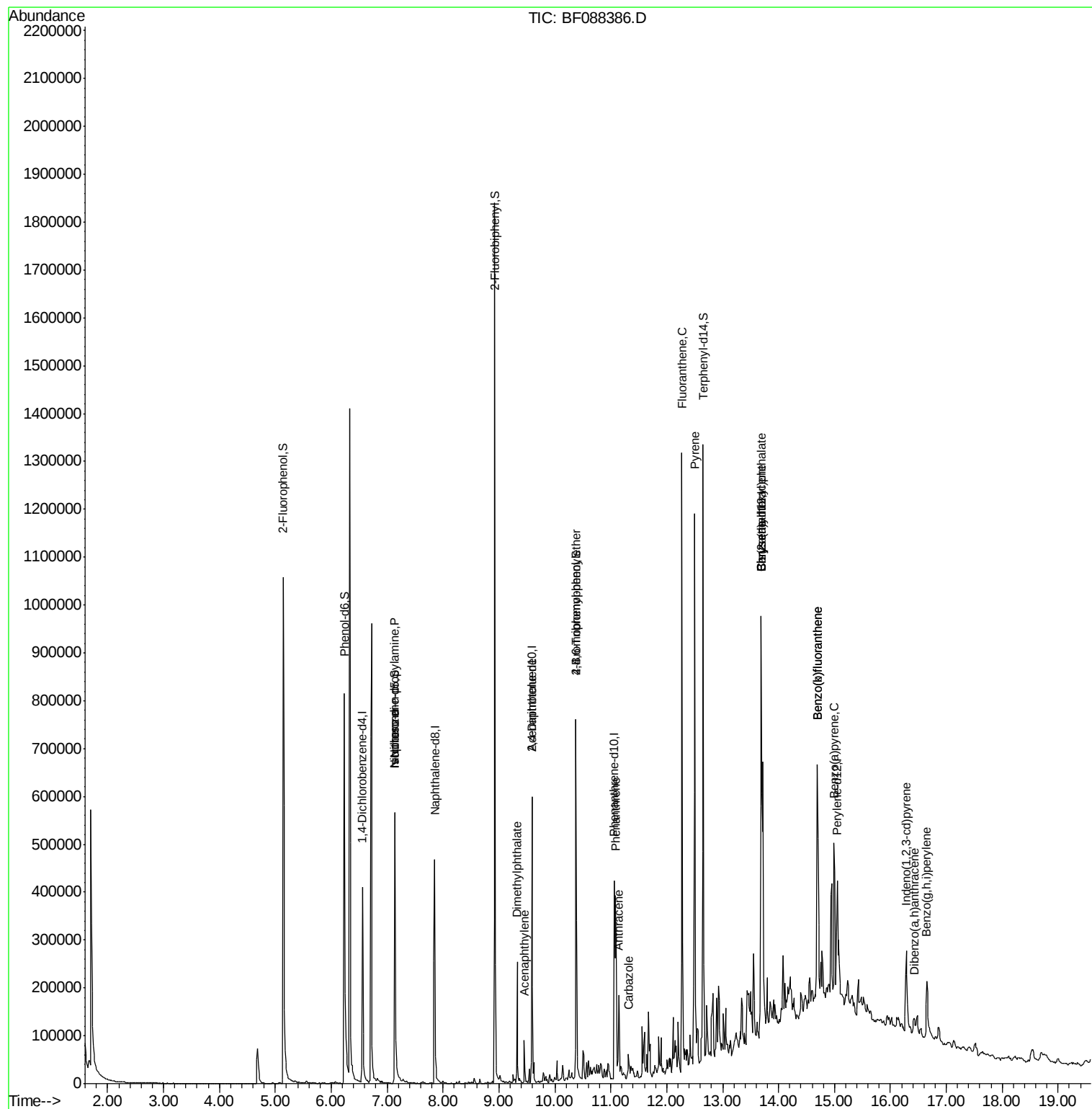
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.25	94	4056	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.13	70	43817	12.34	ng	72
25) Isophorone	7.13	82	337935	35.01	ng	65
45) 1,1'-Biphenyl	9.03	154	1038	Below Cal		86
48) Acenaphthylene	9.45	152	44393	3.38	ng	100
49) Dimethylphthalate	9.32	163	100853	10.90	ng	99
56) 2,4-Dinitrotoluene	9.59	165	16219	5.96	ng	# 36
57) Fluorene	10.14	166	14769	Below Cal		97
66) 4-Bromophenyl-phenylether	10.38	248	6410	2.88	ng	# 1
70) Phenanthrene	11.08	178	199096	18.31	ng	99
71) Anthracene	11.14	178	85005	7.75	ng	98
72) Carbazole	11.31	167	25736	2.51	ng	98
74) Fluoranthene	12.27	202	534923	46.61	ng	99
77) Pyrene	12.50	202	534192	46.00	ng	100
80) Benzo(a)anthracene	13.69	228	285284	31.99	ng	95
82) Chrysene	13.69	228	285506	34.03	ng	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	42029	6.72	ng	# 99
85) Indeno(1,2,3-cd)pyrene	16.29	276	109327	14.03	ng	# 100
87) Benzo(b)fluoranthene	14.70	252	418991	46.90	ng	# 95
88) Benzo(k)fluoranthene	14.70	252	418991	62.17	ng	98
89) Benzo(a)pyrene	14.99	252	190728	26.39	ng	97
90) Dibenzo(a,h)anthracene	16.43	278	18928	2.82	ng	94
91) Benzo(g,h,i)perylene	16.65	276	97982	14.19	ng	96

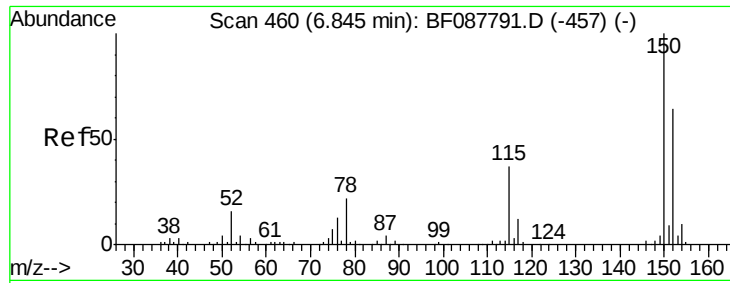
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088386.D
Acq On : 25 Jun 2016 19:39
Operator : UM/SJ
Sample : H3624-23
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-STA-1511(0-4)

Quant Time: Jun 26 01:59:12 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF088386.D

Acq: 25 Jun 2016 19:39

Instrument :

BNA_F

ClientSampleId :

SC-STA-1511(0-4)

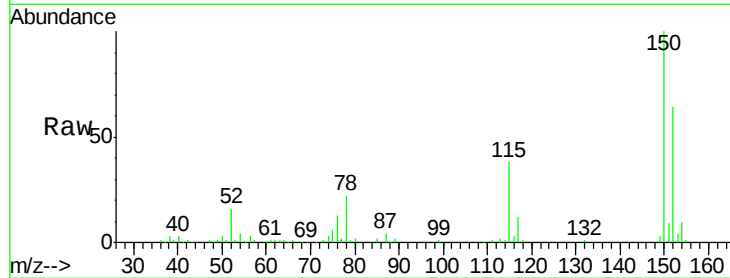
Tgt Ion:152 Resp: 78286

Ion Ratio Lower Upper

152 100

150 156.7 123.8 185.6

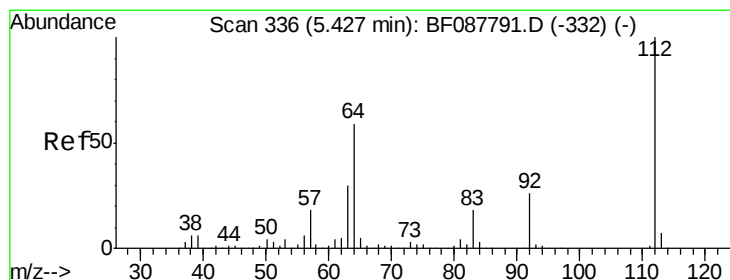
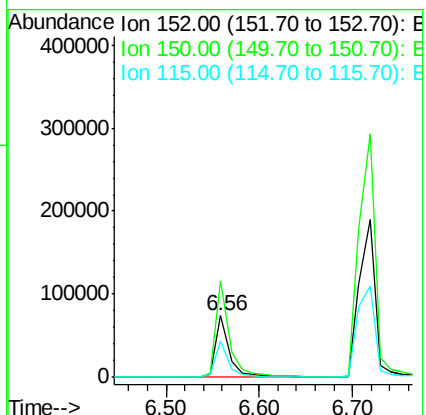
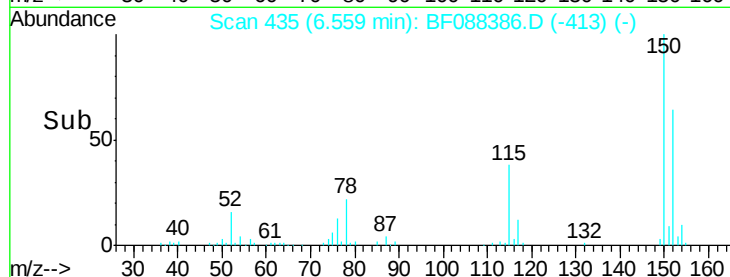
115 58.9 39.6 59.4



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: 100.10 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.03 min

Lab File: BF088386.D

Acq: 25 Jun 2016 19:39

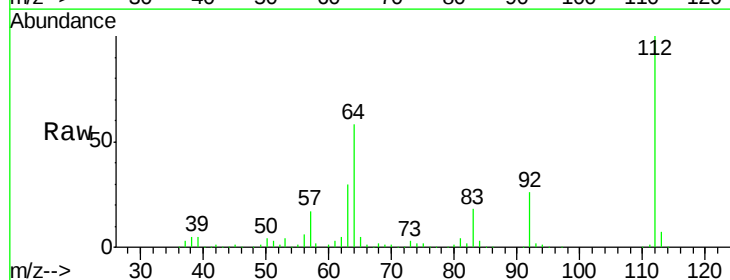
Tgt Ion:112 Resp: 458384

Ion Ratio Lower Upper

112 100

64 57.7 42.2 63.2

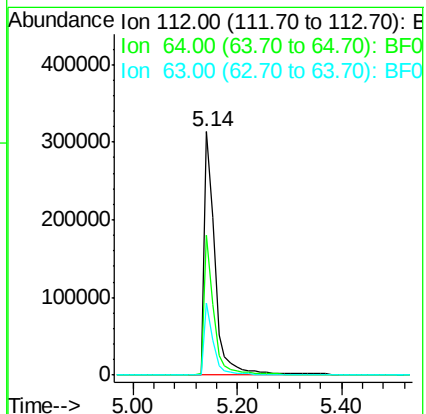
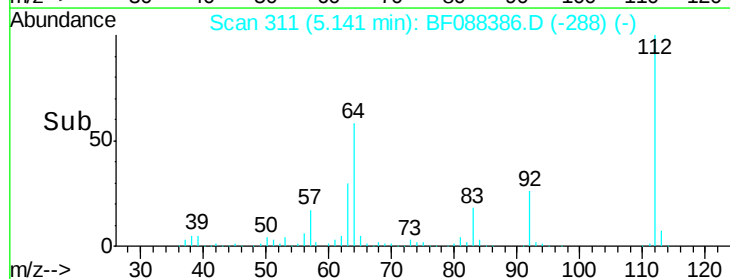
63 29.7 21.8 32.8

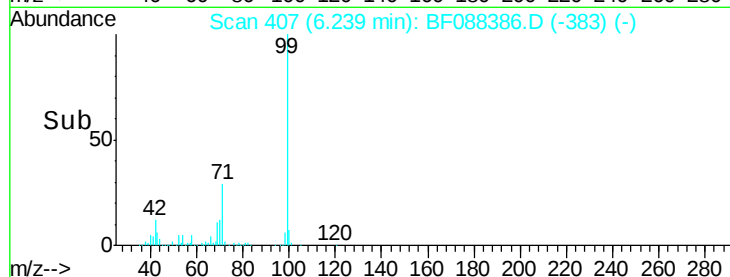
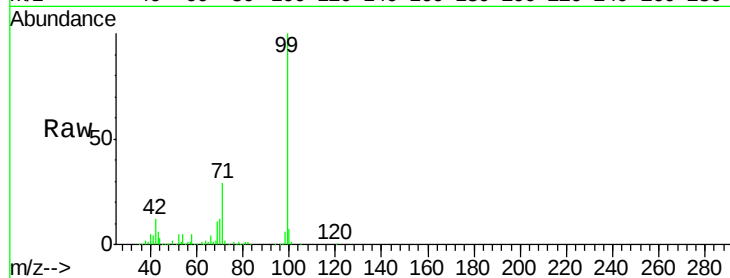
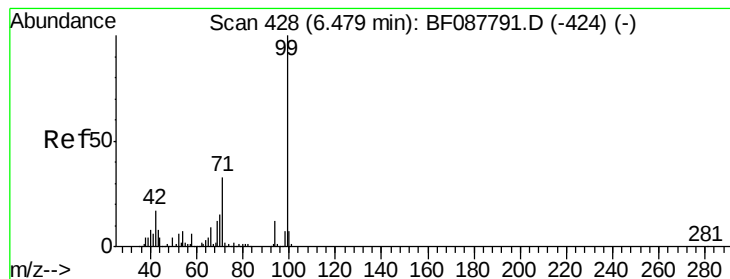


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.91 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF088386.D

Acq: 25 Jun 2016 19:39

Instrument :

BNA_F

ClientSampleId :

SC-STA-1511(0-4)

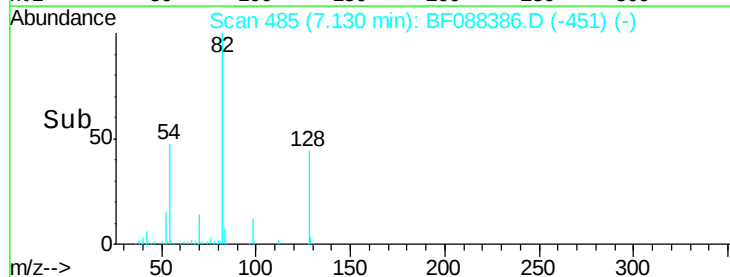
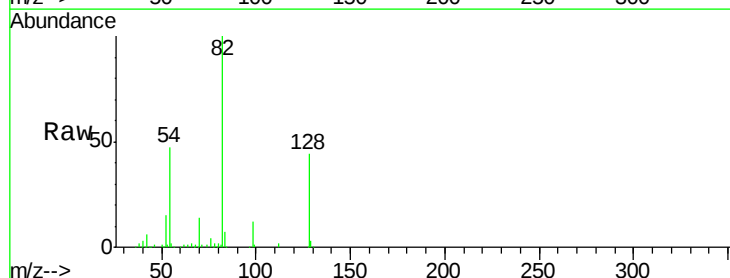
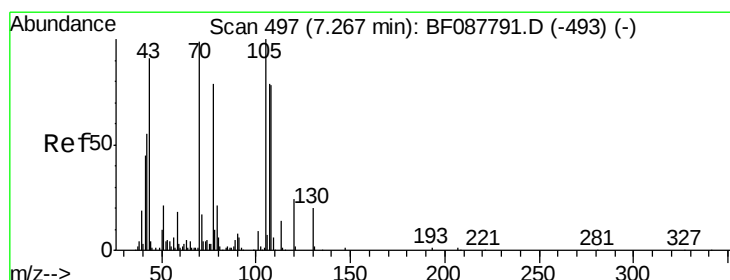
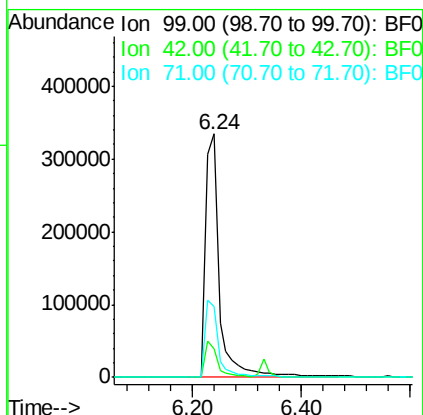
Tgt Ion: 99 Resp: 593306

Ion Ratio Lower Upper

99 100

42 11.7 12.2 18.2#

71 29.1 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.34 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.09 min

Lab File: BF088386.D

Acq: 25 Jun 2016 19:39

Tgt Ion: 70 Resp: 43817

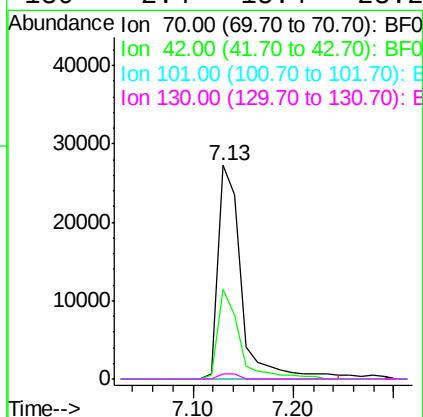
Ion Ratio Lower Upper

70 100

42 42.0 49.6 74.4#

101 0.0 7.1 10.7#

130 2.4 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: BF088386.D

Acq: 25 Jun 2016 19:39

Instrument :

BNA_F

ClientSampleId :

SC-STA-1511(0-4)

Tgt Ion: 136 Resp: 304339

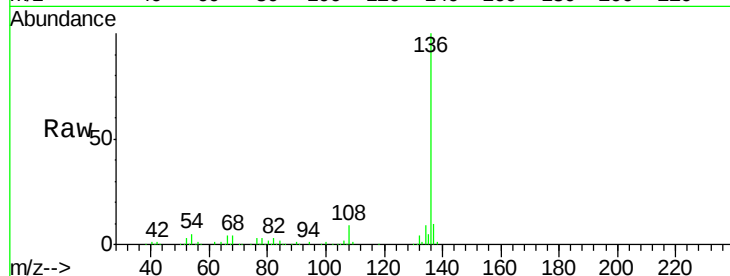
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 4.9 6.6 10.0#

68 4.4 5.1 7.7#

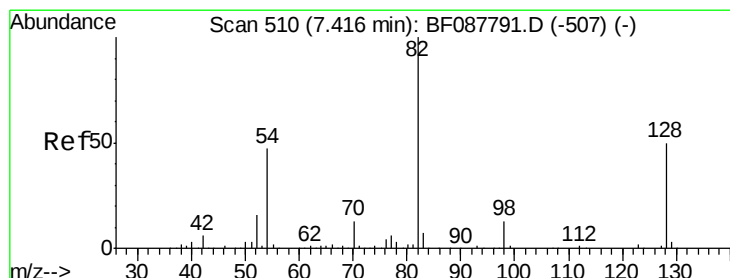
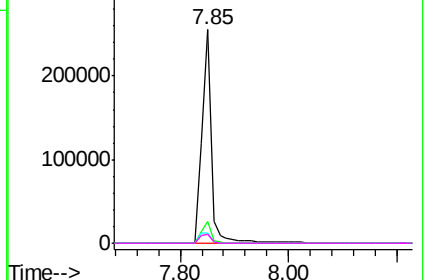
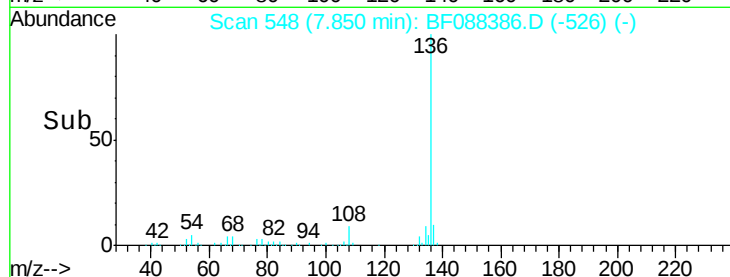


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.71 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.05 min

Lab File: BF088386.D

Acq: 25 Jun 2016 19:39

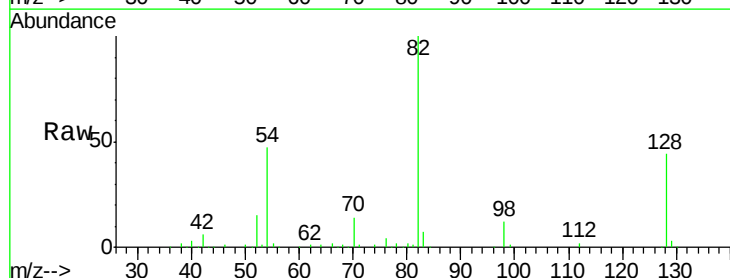
Tgt Ion: 82 Resp: 347678

Ion Ratio Lower Upper

82 100

128 44.3 35.9 53.9

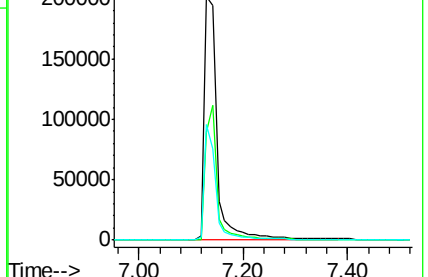
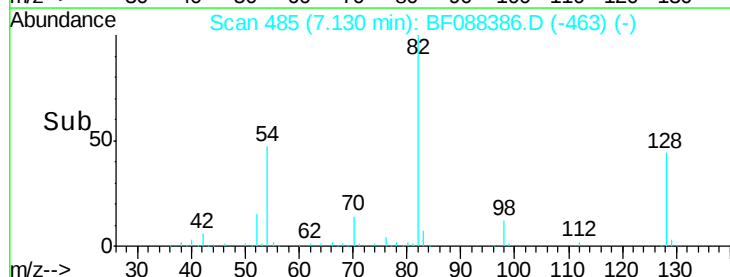
54 47.3 40.9 61.3

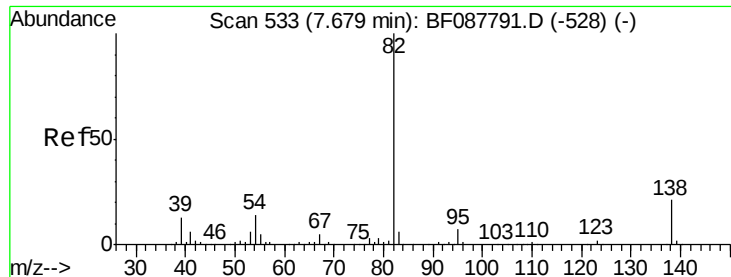


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.01 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.31 min

Lab File: BF088386.D

Acq: 25 Jun 2016 19:39

Instrument :

BNA_F

ClientSampleId :

SC-STA-1511(0-4)

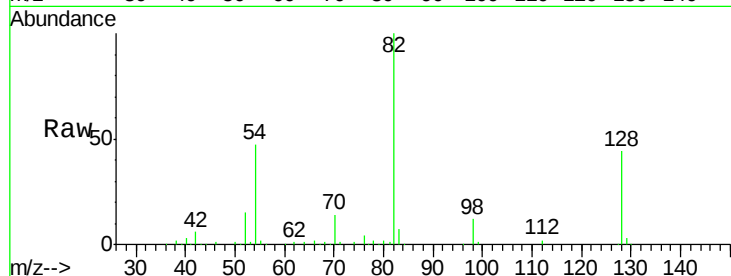
Tgt Ion: 82 Resp: 337935

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

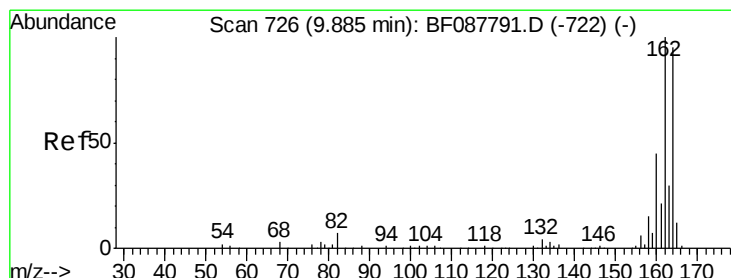
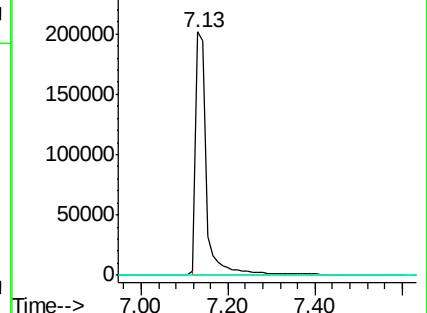
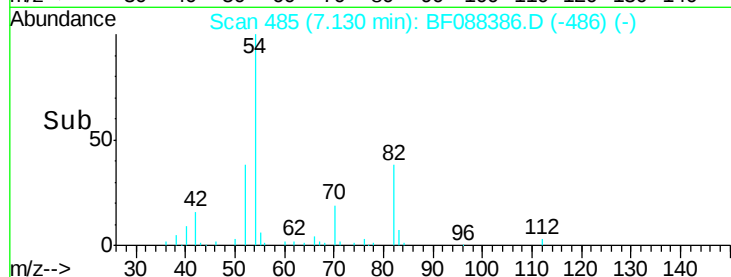
138 0.0 14.6 21.8#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.06 min

Lab File: BF088386.D

Acq: 25 Jun 2016 19:39

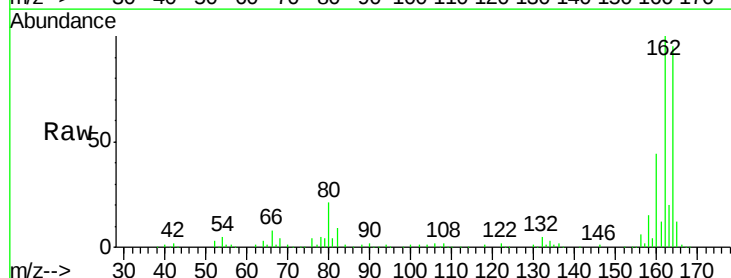
Tgt Ion: 164 Resp: 127726

Ion Ratio Lower Upper

164 100

162 105.5 85.4 128.2

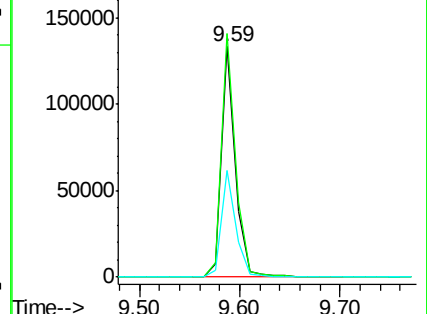
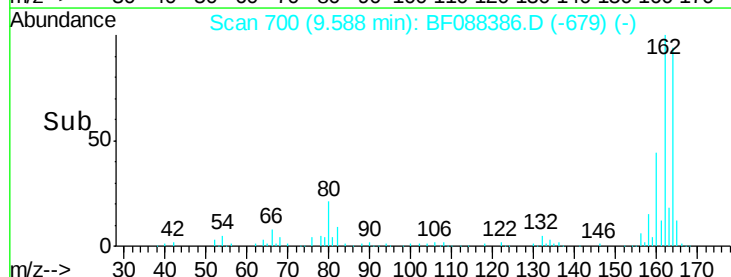
160 46.4 39.5 59.3



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

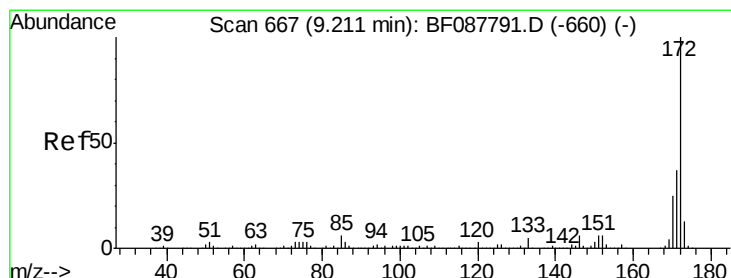
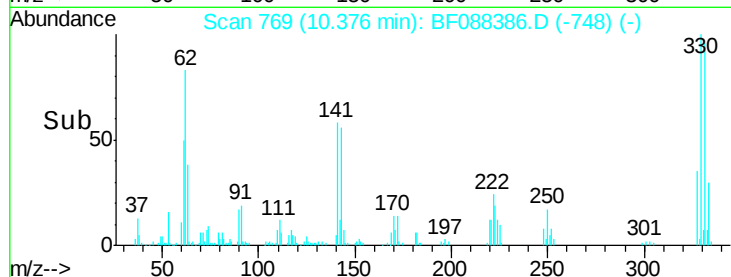
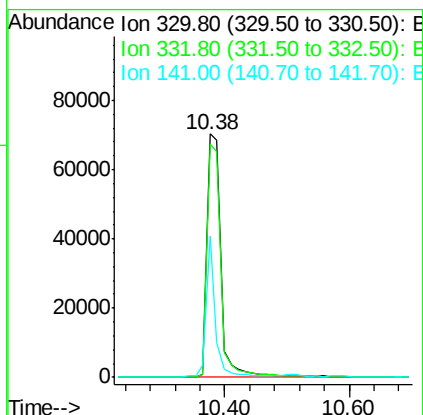
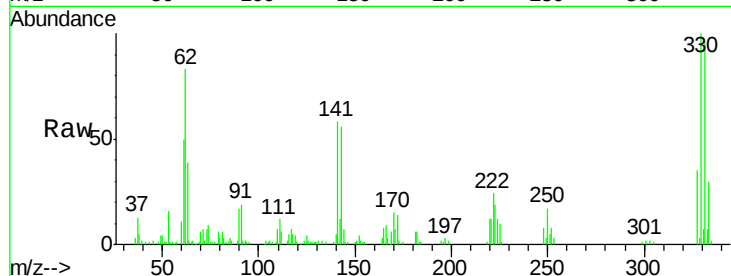




#41
 2,4,6-Tribromophenol
 Concen: 81.95 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.06 min
 Lab File: BF088386.D
 Acq: 25 Jun 2016 19:39

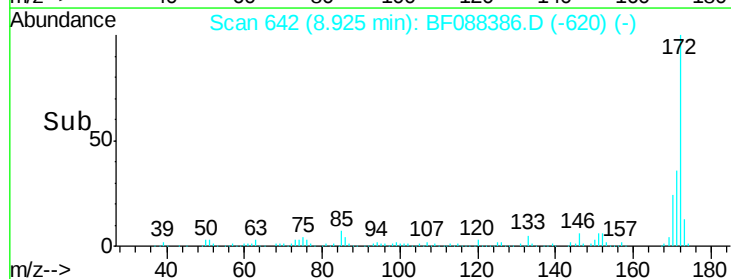
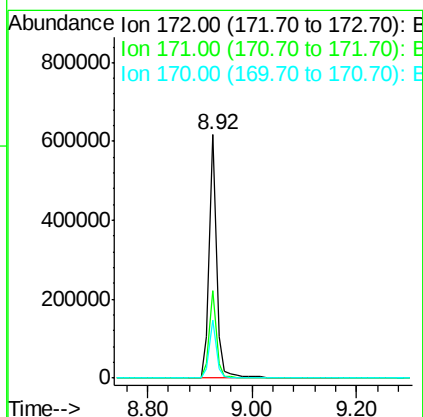
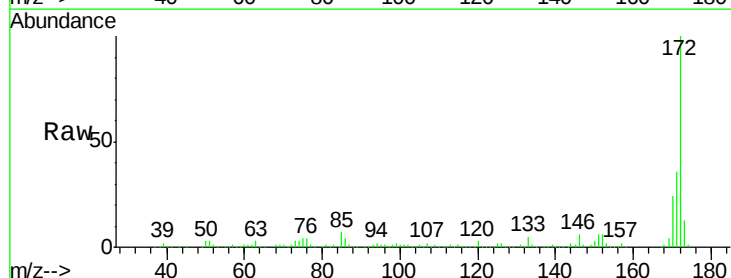
Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1511(0-4)

Tgt Ion:330 Resp: 110520
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 38.8 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 74.73 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF088386.D
 Acq: 25 Jun 2016 19:39

Tgt Ion:172 Resp: 613014
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.9 19.2 28.8

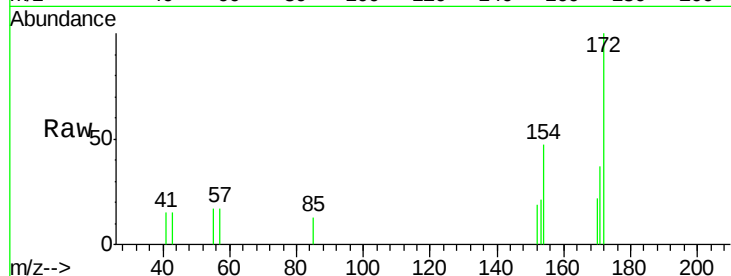




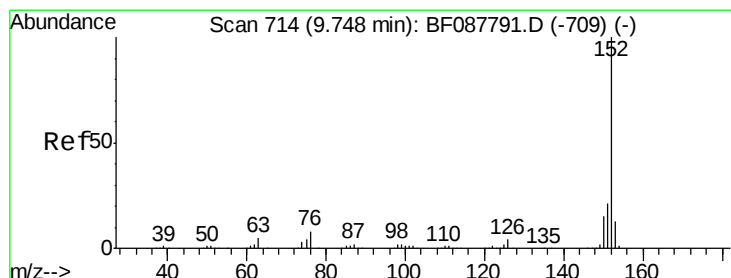
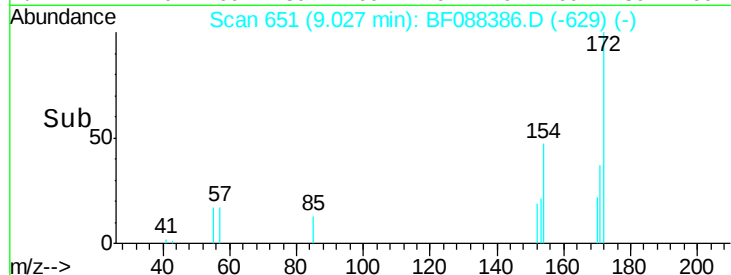
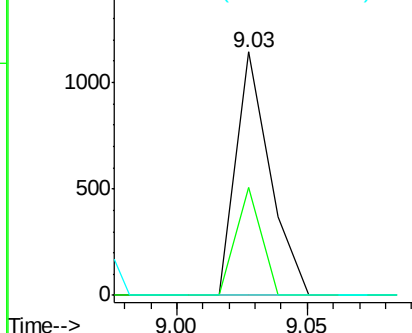
#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF088386.D
 Acq: 25 Jun 2016 19:39

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1511(0-4)

Tgt Ion:154 Resp: 1038
 Ion Ratio Lower Upper
 154 100
 153 44.2 20.6 60.6
 76 0.0 0.0 35.1

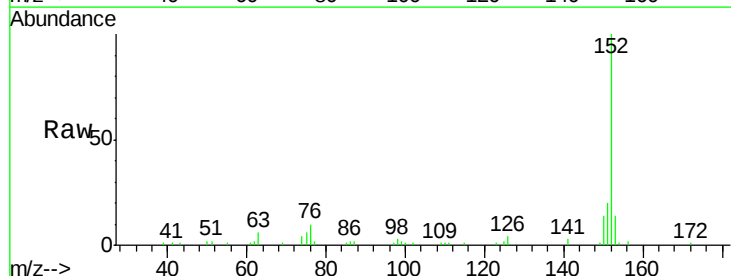


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

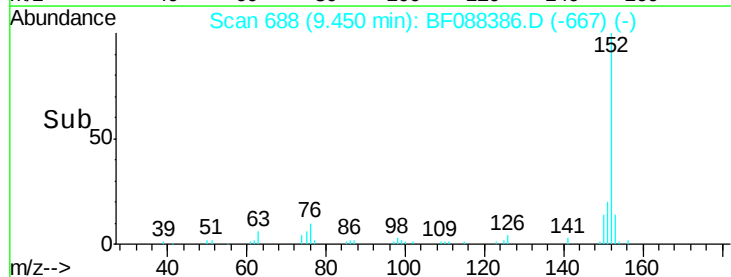
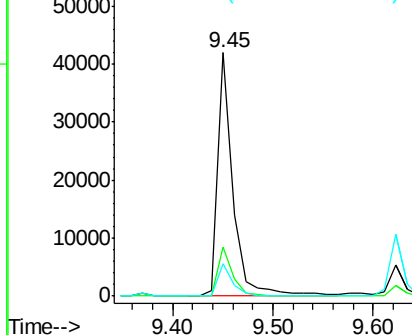


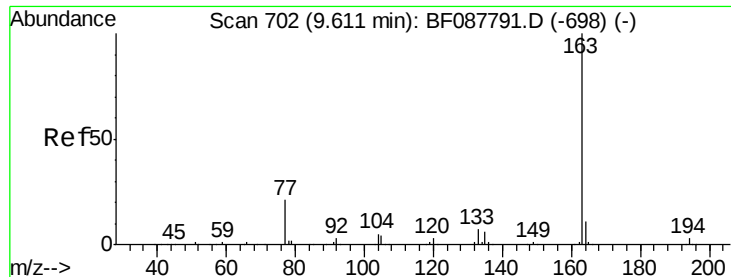
#48
 Acenaphthylene
 Concen: 3.38 ng
 RT: 9.45 min Scan# 688
 Delta R.T. -0.06 min
 Lab File: BF088386.D
 Acq: 25 Jun 2016 19:39

Tgt Ion:152 Resp: 44393
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4
 153 13.6 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

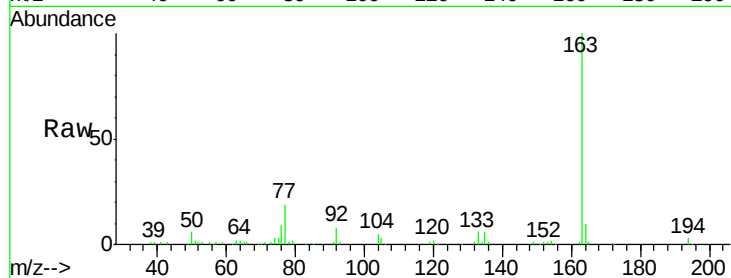




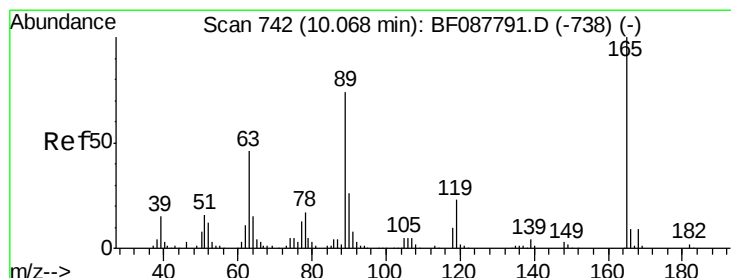
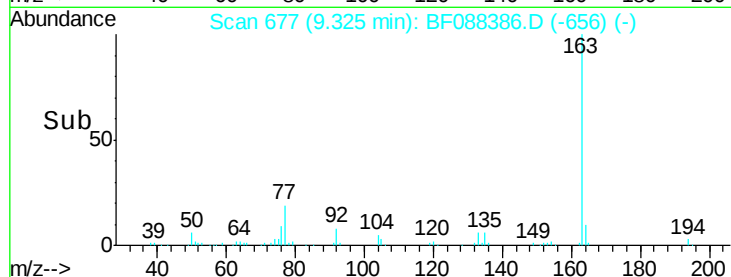
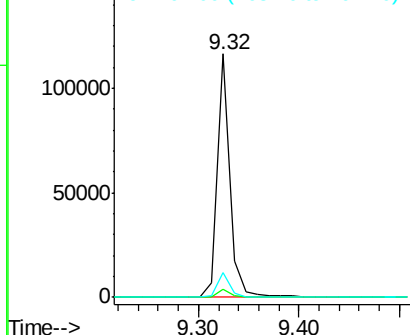
#49
Dimethylphthalate
Concen: 10.90 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF088386.D
Acq: 25 Jun 2016 19:39

Instrument :
BNA_F
ClientSampleId :
SC-STA-1511(0-4)

Tgt Ion:163 Resp: 100853
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.0 8.3 12.5

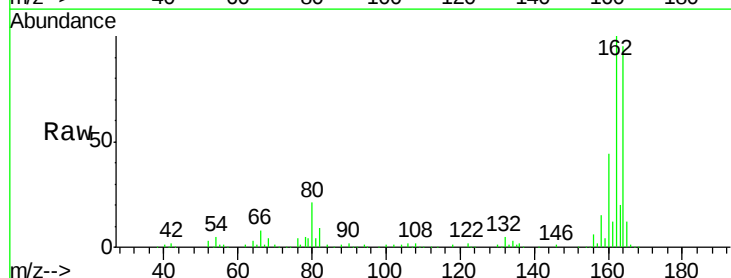


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

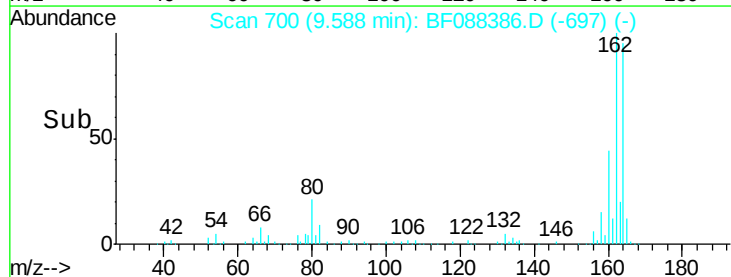
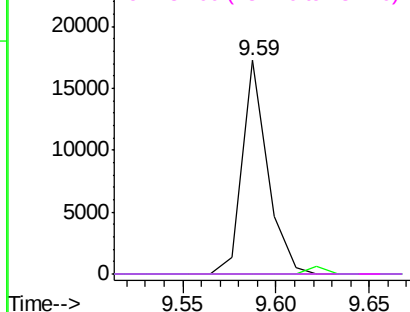


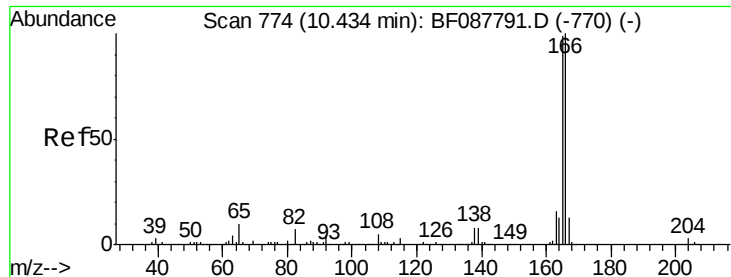
#56
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.26 min
Lab File: BF088386.D
Acq: 25 Jun 2016 19:39

Tgt Ion:165 Resp: 16219
Ion Ratio Lower Upper
165 100
63 0.0 22.0 33.0#
89 0.0 41.1 61.7#
182 0.0 2.0 3.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

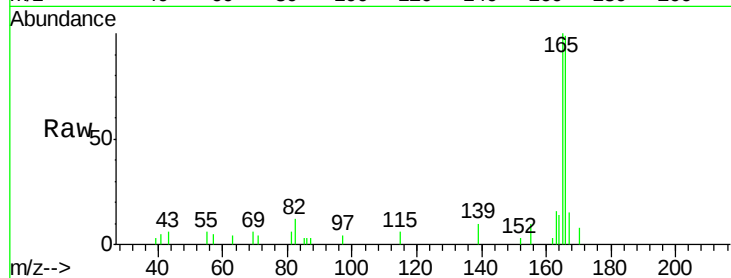




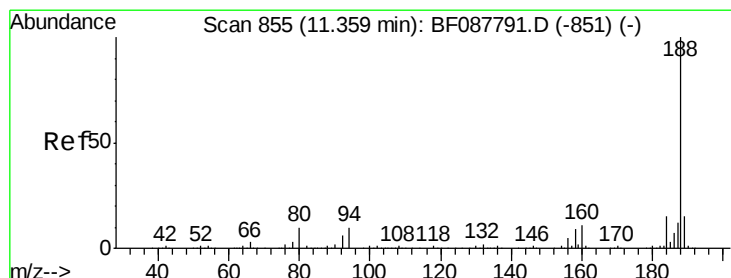
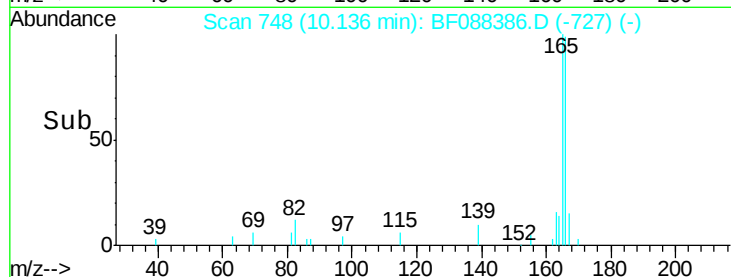
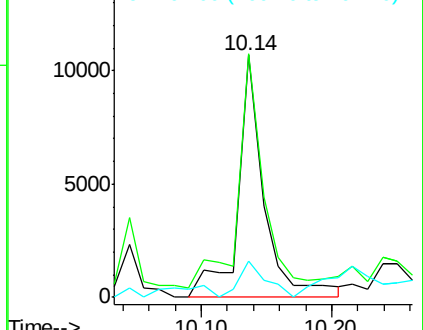
#57
Fluorene
 Concen: Below Cal
 RT: 10.14 min Scan# 748
 Delta R.T. -0.06 min
 Lab File: BF088386.D
 Acq: 25 Jun 2016 19:39

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1511(0-4)

Tgt Ion:166 Resp: 14769
 Ion Ratio Lower Upper
 166 100
 165 100.7 77.8 116.8
 167 15.0 11.2 16.8

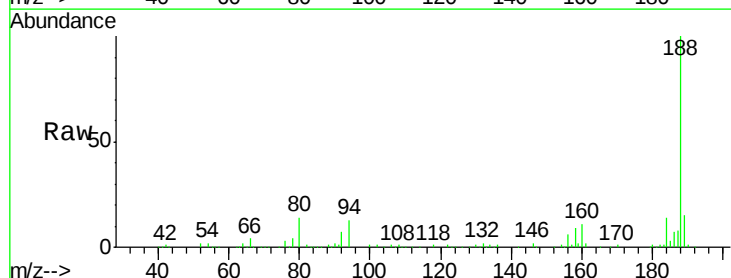


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

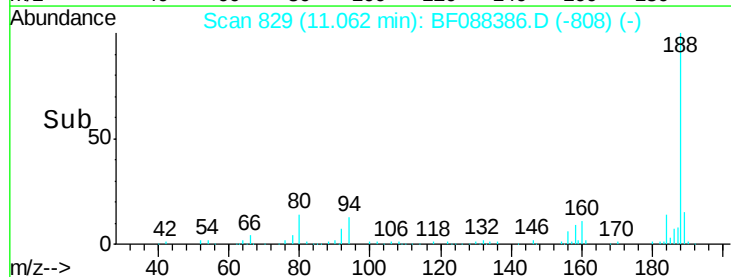
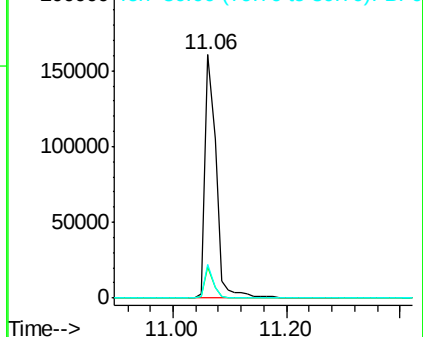


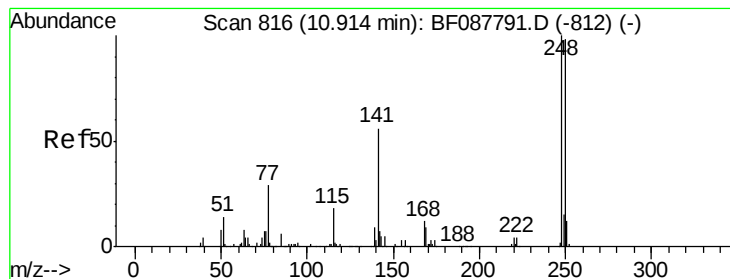
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.06 min
 Lab File: BF088386.D
 Acq: 25 Jun 2016 19:39

Tgt Ion:188 Resp: 207222
 Ion Ratio Lower Upper
 188 100
 94 12.6 9.0 13.6
 80 13.7 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





#66

4-Bromophenyl-phenylether

Concen: 2.88 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.30 min

Lab File: BF088386.D

Acq: 25 Jun 2016 19:39

Instrument :

BNA_F

ClientSampleId :

SC-STA-1511(0-4)

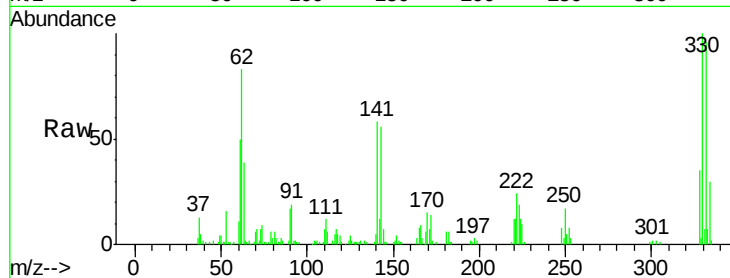
Tgt Ion:248 Resp: 6410

Ion Ratio Lower Upper

248 100

250 200.5 77.1 115.7#

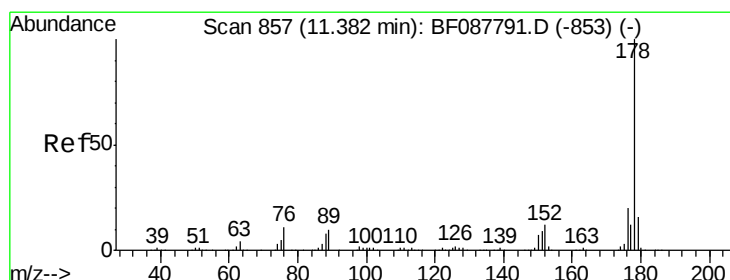
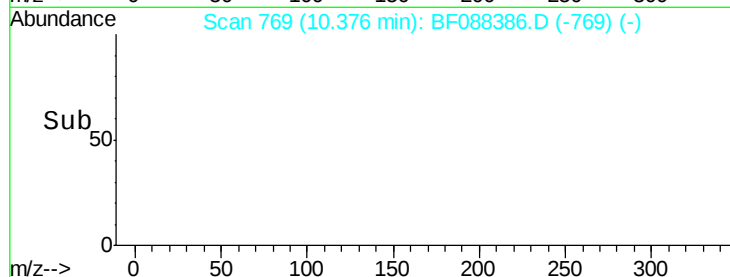
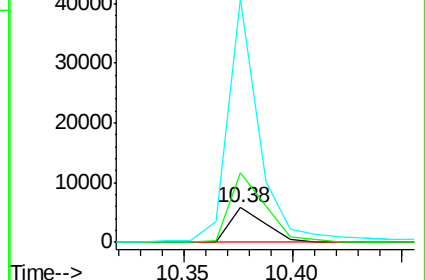
141 702.5 50.6 76.0#



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: 18.31 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.06 min

Lab File: BF088386.D

Acq: 25 Jun 2016 19:39

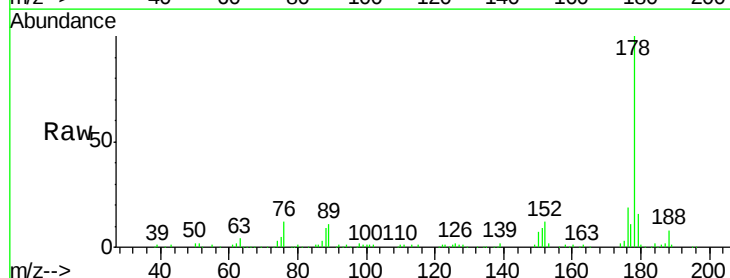
Tgt Ion:178 Resp: 199096

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.6

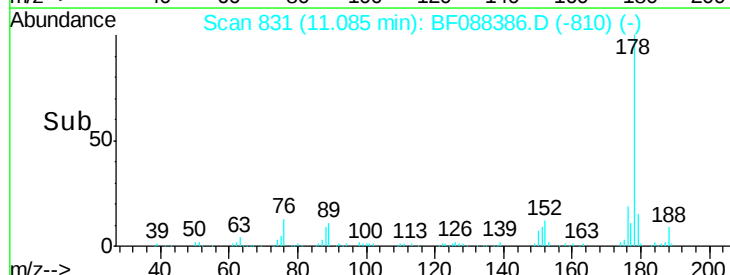
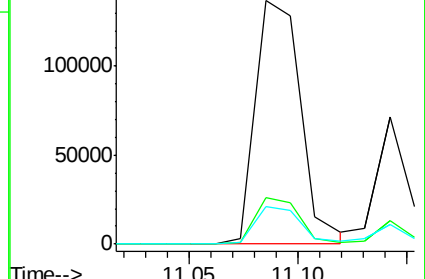
179 15.7 13.0 19.4

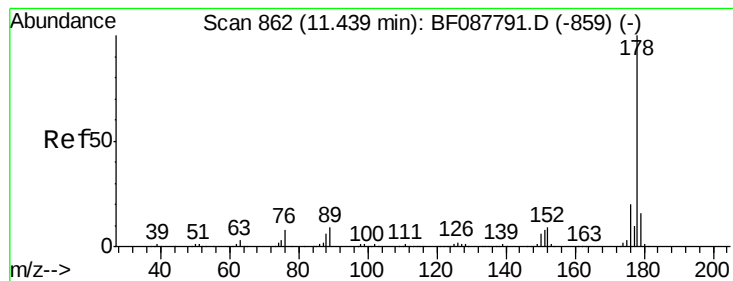


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 7.75 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.06 min

Lab File: BF088386.D

Acq: 25 Jun 2016 19:39

Instrument :

BNA_F

ClientSampleId :

SC-STA-1511(0-4)

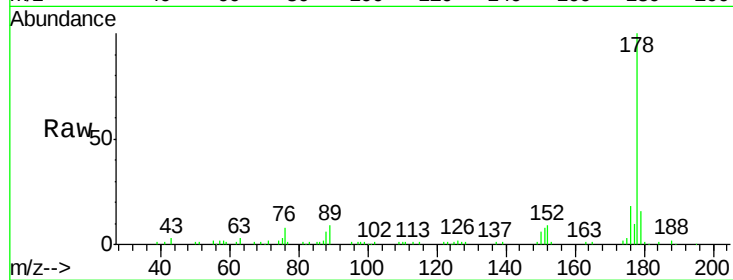
Tgt Ion:178 Resp: 85005

Ion Ratio Lower Upper

178 100

176 18.4 15.6 23.4

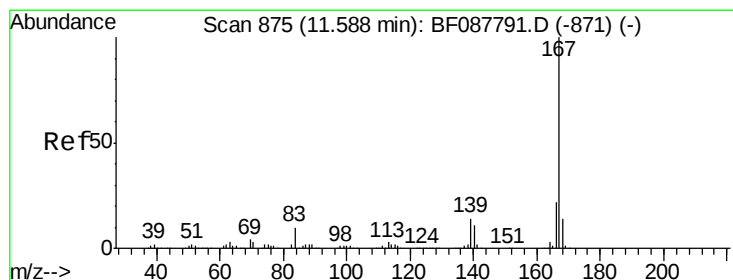
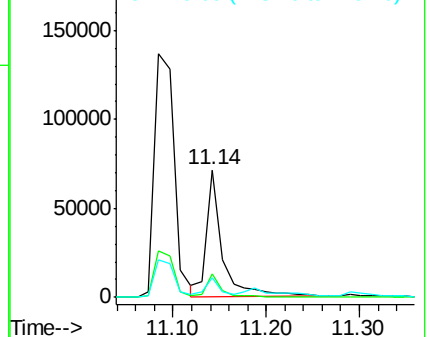
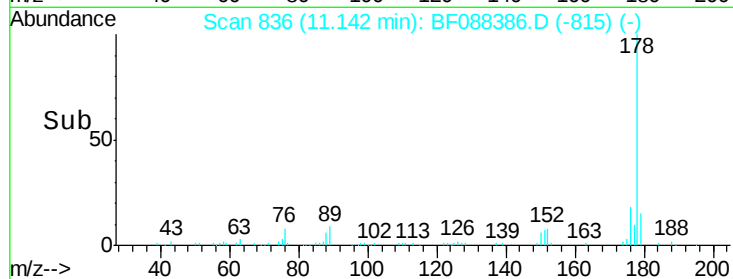
179 15.6 12.8 19.2



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: 2.51 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF088386.D

Acq: 25 Jun 2016 19:39

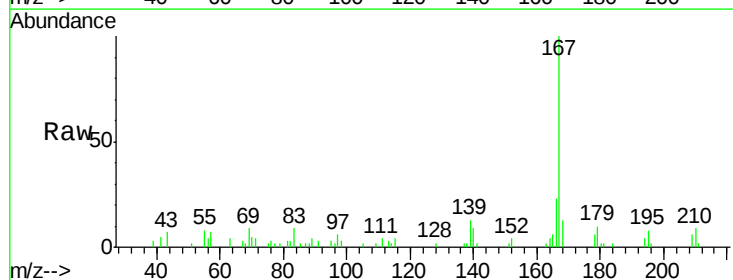
Tgt Ion:167 Resp: 25736

Ion Ratio Lower Upper

167 100

166 23.4 17.8 26.6

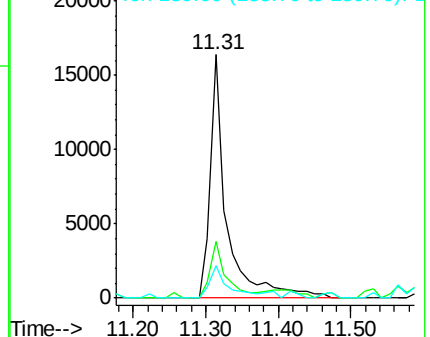
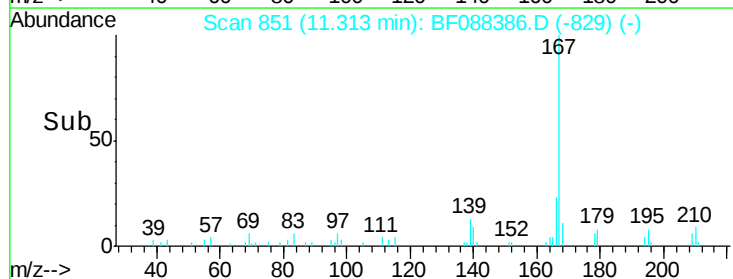
139 13.1 11.2 16.8

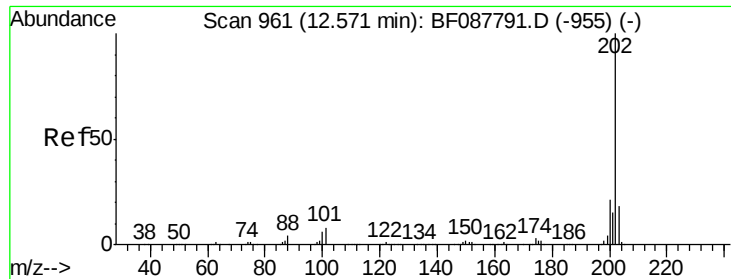


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 46.61 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF088386.D

Acq: 25 Jun 2016 19:39

Instrument :

BNA_F

ClientSampleId :

SC-STA-1511(0-4)

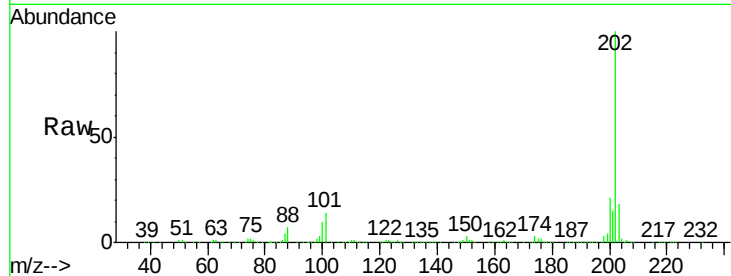
Tgt Ion:202 Resp: 534923

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.1

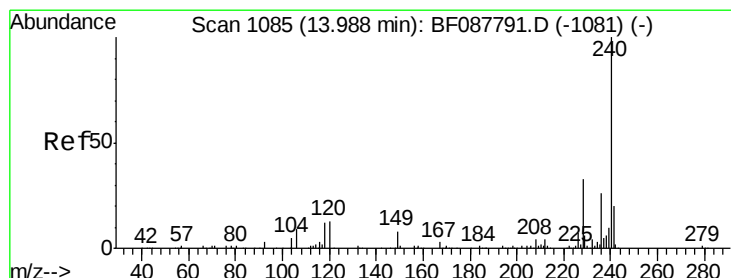
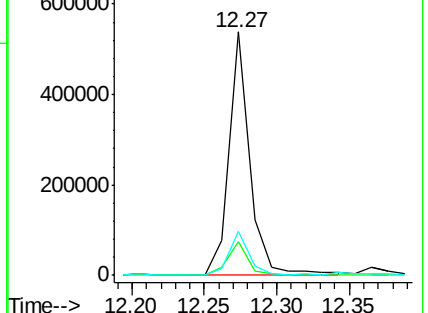
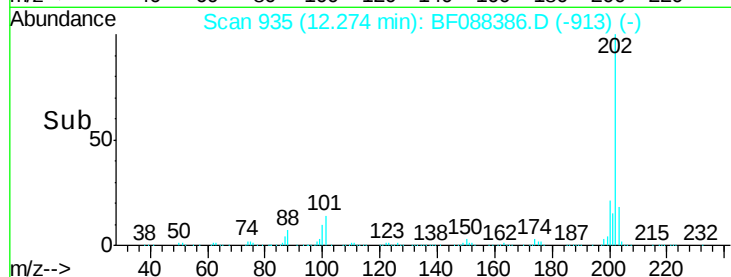
203 17.8 0.0 38.1



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: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF088386.D

Acq: 25 Jun 2016 19:39

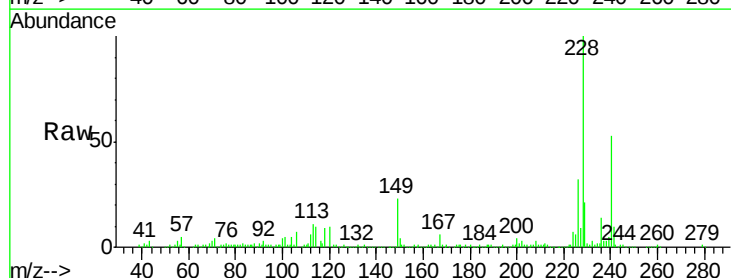
Tgt Ion:240 Resp: 156490

Ion Ratio Lower Upper

240 100

120 19.1 6.8 10.2#

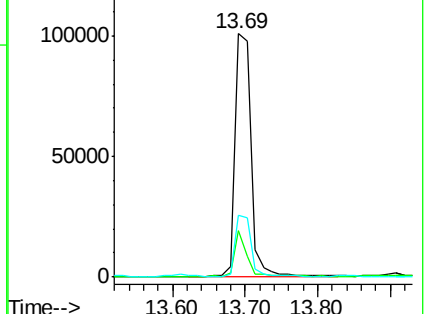
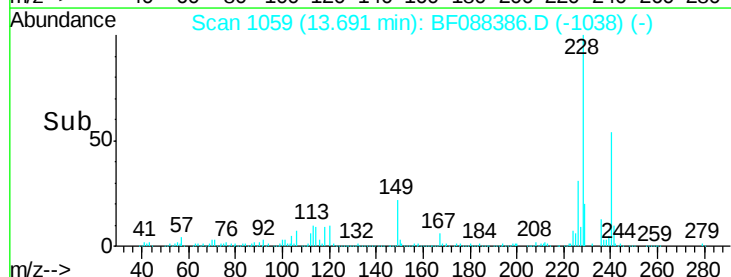
236 25.6 20.2 30.2

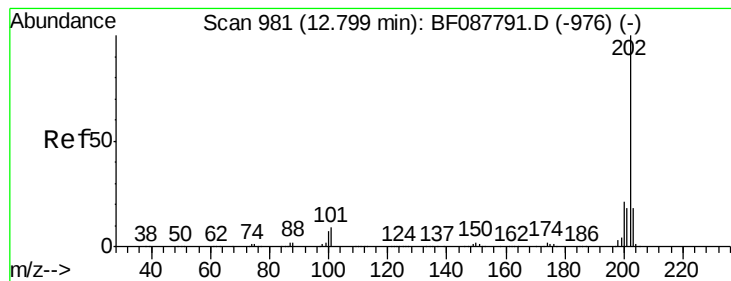


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 46.00 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.05 min

Lab File: BF088386.D

Acq: 25 Jun 2016 19:39

Instrument :

BNA_F

ClientSampleId :

SC-STA-1511(0-4)

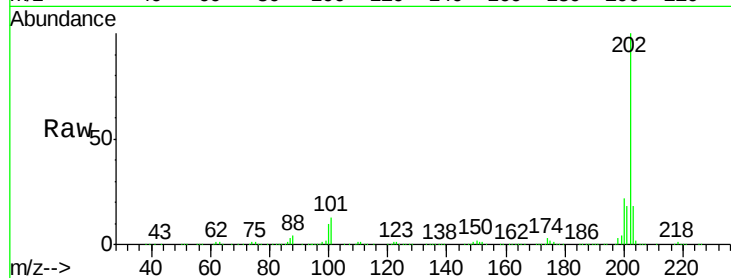
Tgt Ion:202 Resp: 534192

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

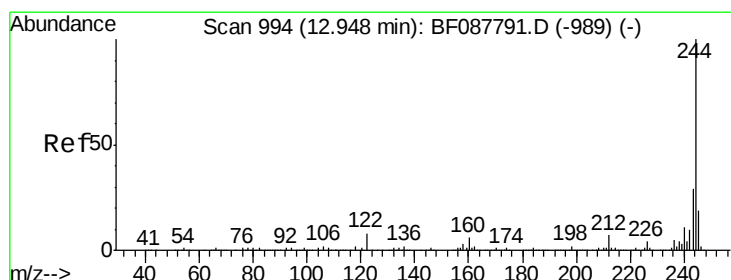
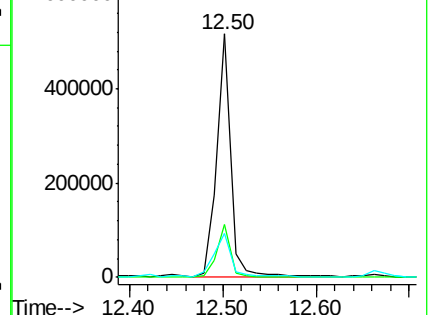
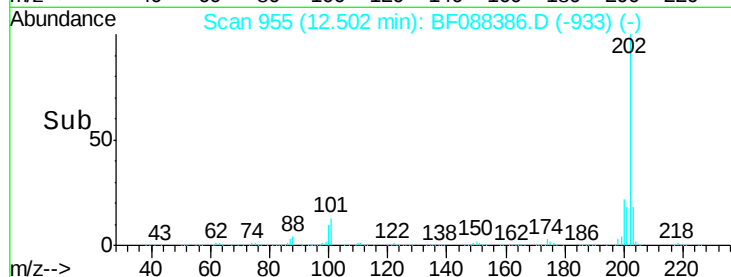
203 18.2 14.5 21.7



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: 64.32 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.05 min

Lab File: BF088386.D

Acq: 25 Jun 2016 19:39

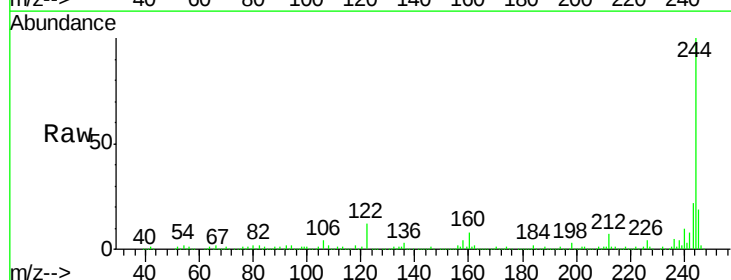
Tgt Ion:244 Resp: 442317

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

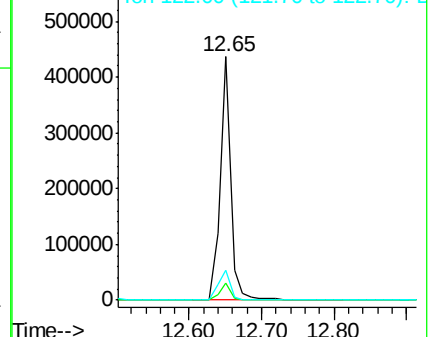
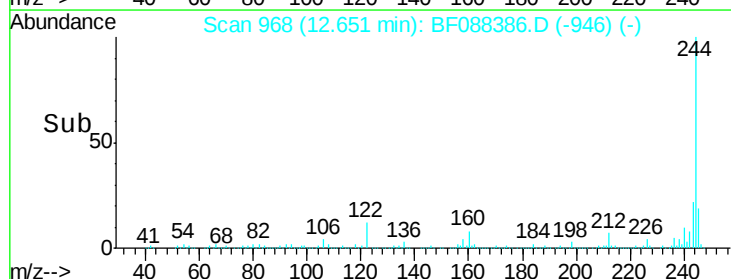
122 12.0 11.2 16.8

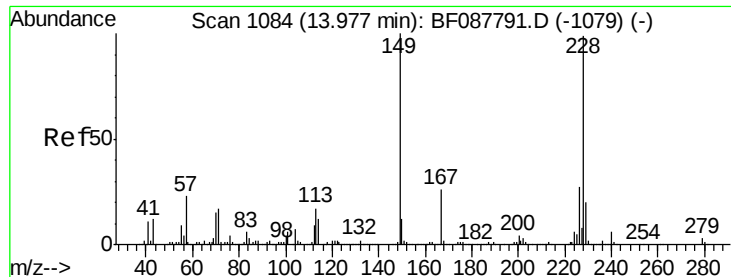


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 31.99 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.05 min

Lab File: BF088386.D

Acq: 25 Jun 2016 19:39

Instrument :

BNA_F

ClientSampleId :

SC-STA-1511(0-4)

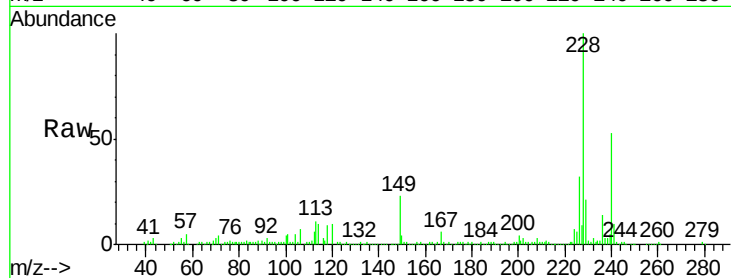
Tgt Ion:228 Resp: 285284

Ion Ratio Lower Upper

228 100

226 31.6 22.3 33.5

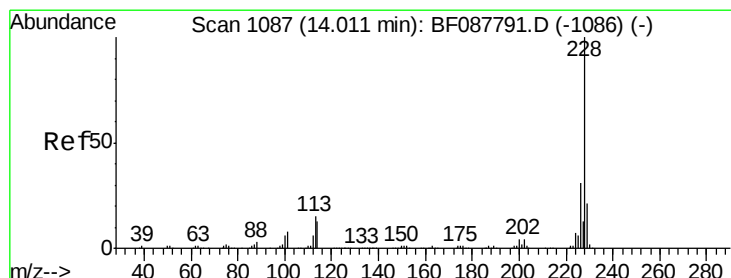
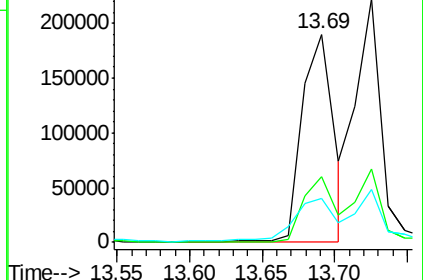
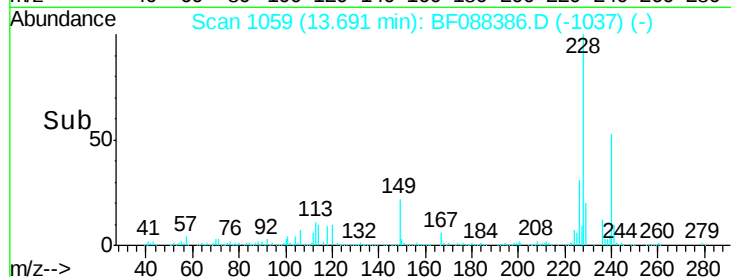
229 21.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 34.03 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.08 min

Lab File: BF088386.D

Acq: 25 Jun 2016 19:39

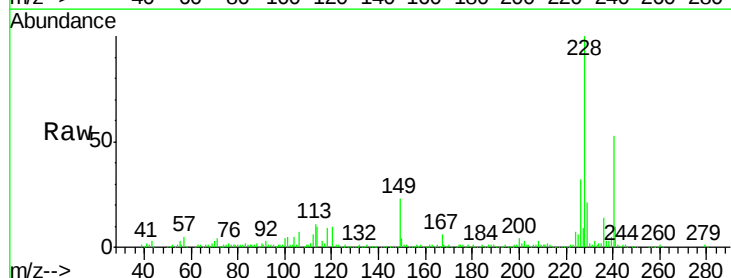
Tgt Ion:228 Resp: 285506

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.2

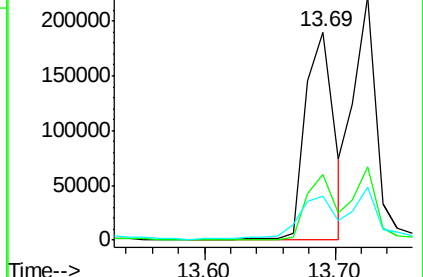
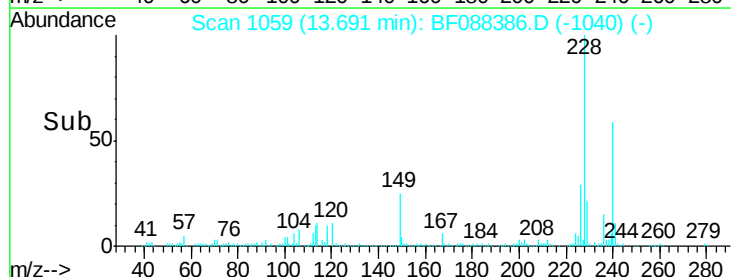
229 21.3 16.3 24.5

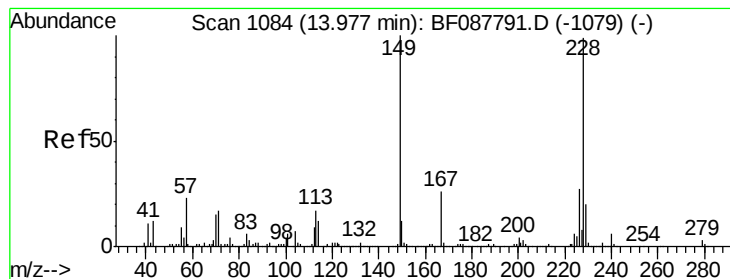


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.72 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.05 min

Lab File: BF088386.D

Acq: 25 Jun 2016 19:39

Instrument :

BNA_F

ClientSampleId :

SC-STA-1511(0-4)

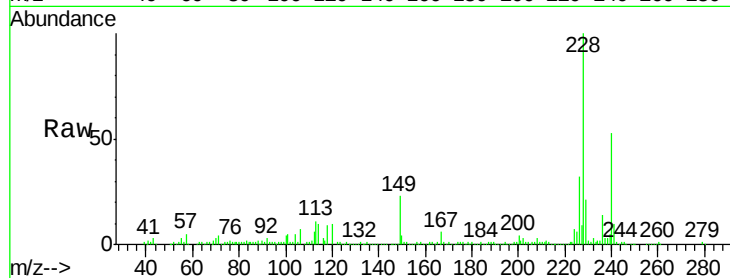
Tgt Ion:149 Resp: 42029

Ion Ratio Lower Upper

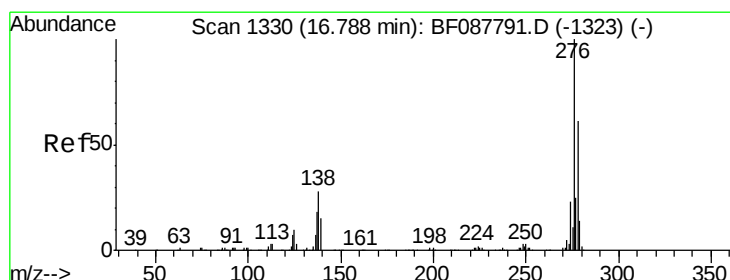
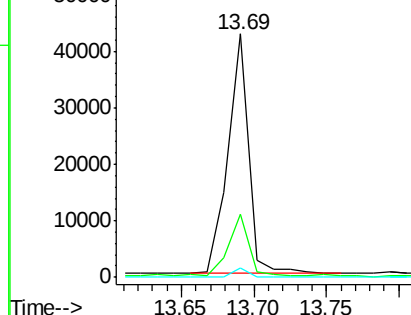
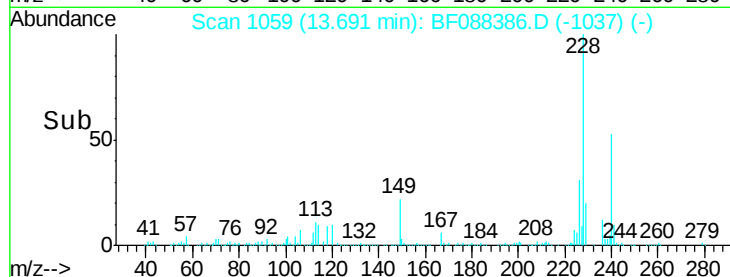
149 100

167 25.9 20.5 30.7

279 3.7 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 14.03 ng

RT: 16.29 min Scan# 1286

Delta R.T. -0.08 min

Lab File: BF088386.D

Acq: 25 Jun 2016 19:39

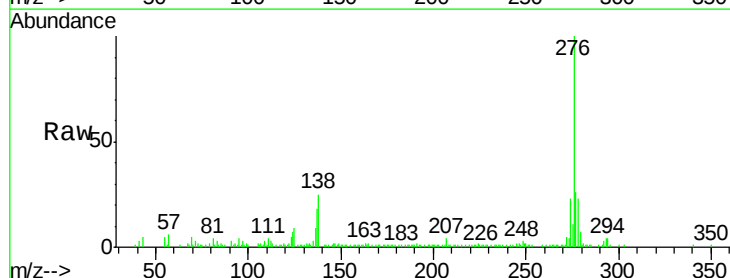
Tgt Ion:276 Resp: 109327

Ion Ratio Lower Upper

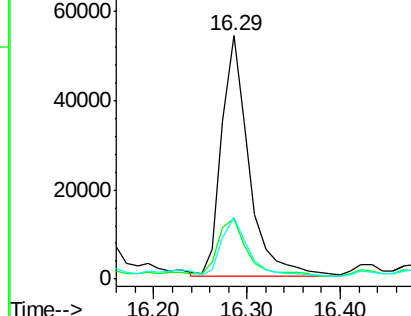
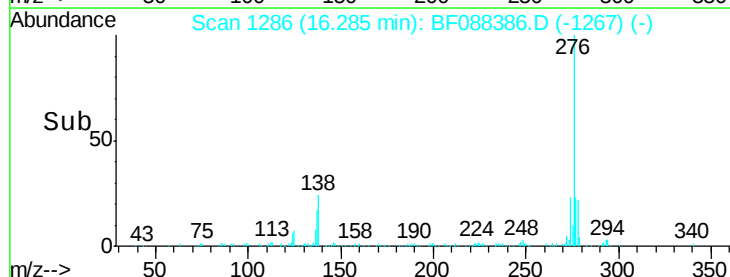
276 100

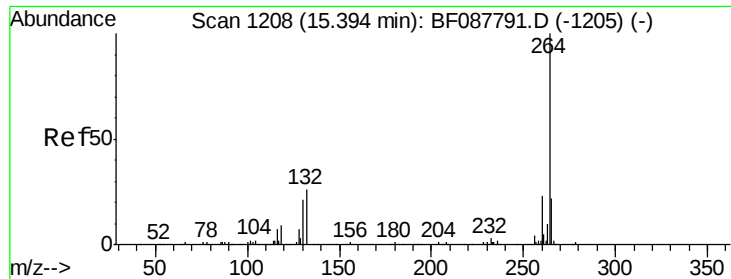
138 26.4 0.0 0.0#

277 23.8 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

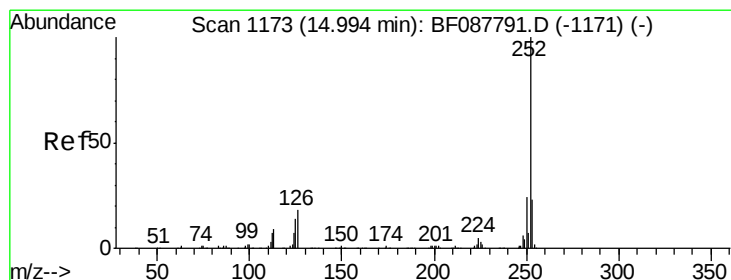
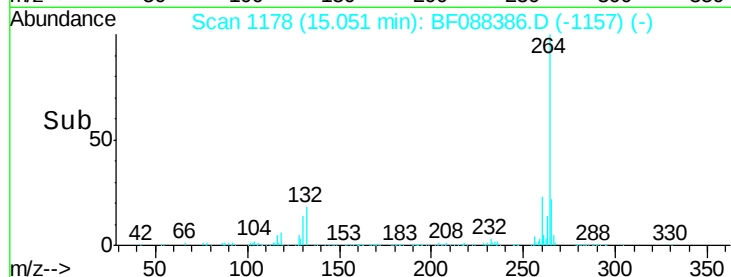
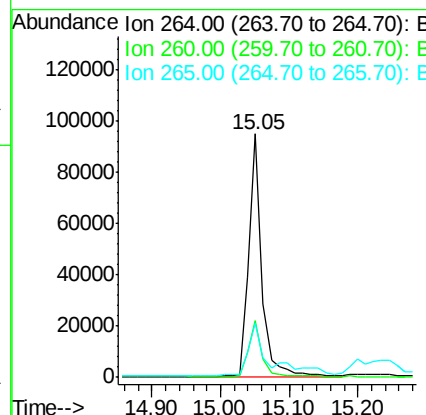
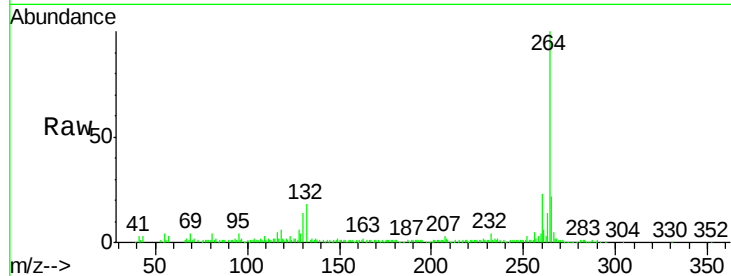




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF088386.D
Acq: 25 Jun 2016 19:39

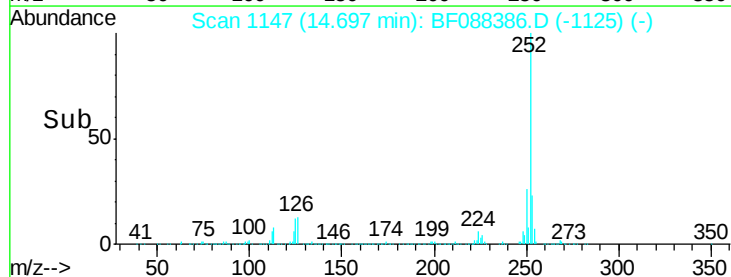
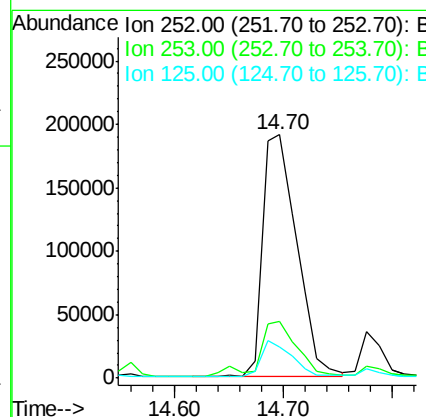
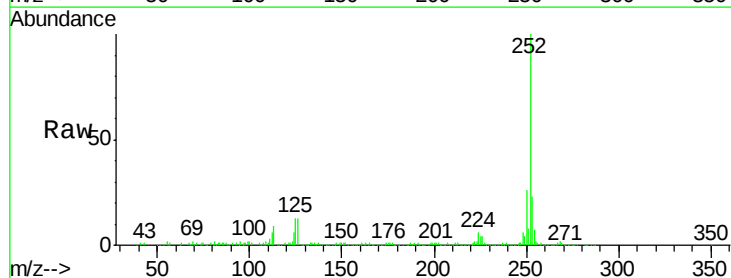
Instrument :
BNA_F
ClientSampleId :
SC-STA-1511(0-4)

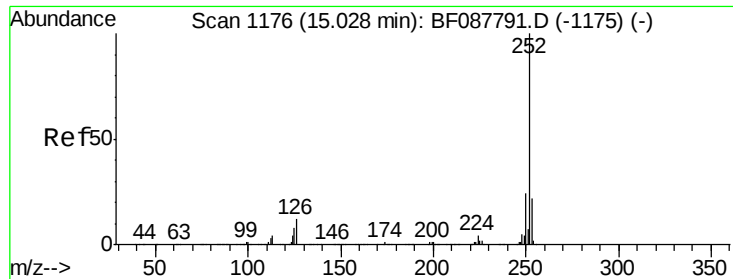
Tgt Ion:264 Resp: 128176
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 22.2 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 46.90 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF088386.D
Acq: 25 Jun 2016 19:39

Tgt Ion:252 Resp: 418991
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 12.7 7.1 10.7#

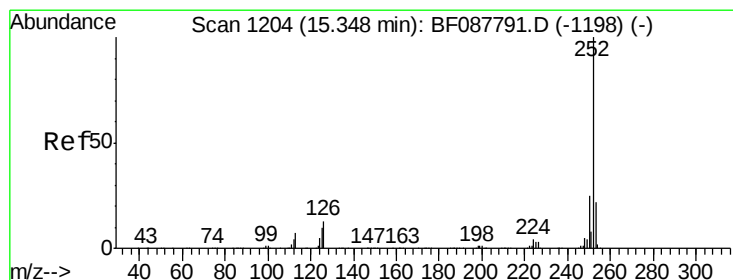
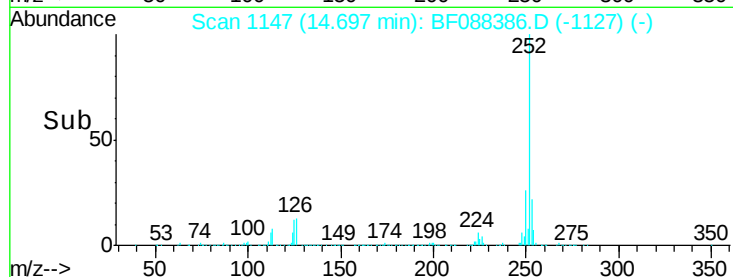
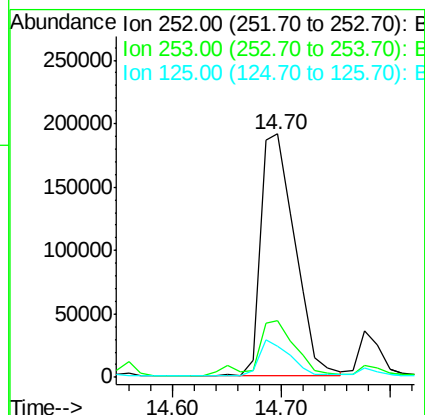
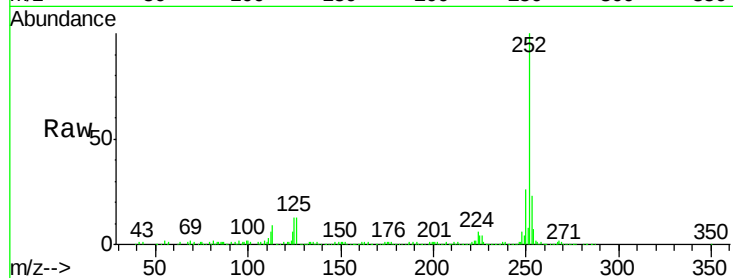




#88
Benzo(k)fluoranthene
Concen: 62.17 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.07 min
Lab File: BF088386.D
Acq: 25 Jun 2016 19:39

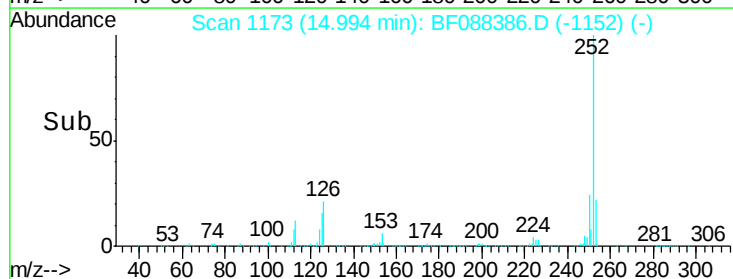
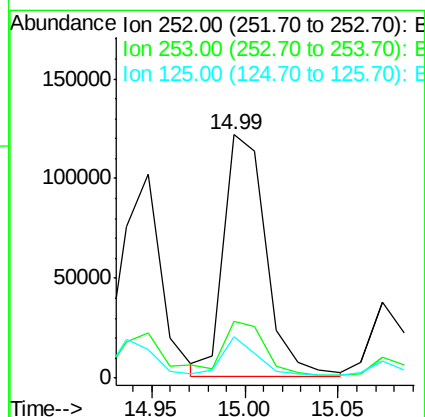
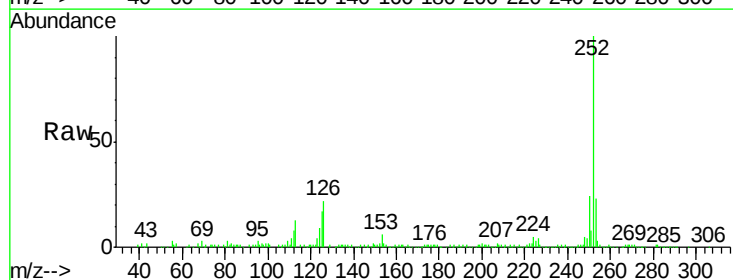
Instrument :
BNA_F
ClientSampleId :
SC-STA-1511(0-4)

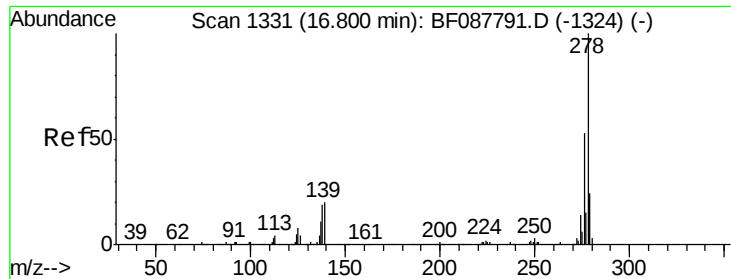
Tgt Ion:252 Resp: 418991
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 12.7 11.2 16.8



#89
Benzo(a)pyrene
Concen: 26.39 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.06 min
Lab File: BF088386.D
Acq: 25 Jun 2016 19:39

Tgt Ion:252 Resp: 190728
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 17.2 12.5 18.7





#90

Dibenzo(a,h)anthracene

Concen: 2.82 ng

RT: 16.43 min Scan# 1299

Delta R.T. 0.07 min

Lab File: BF088386.D

Acq: 25 Jun 2016 19:39

Instrument :

BNA_F

ClientSampleId :

SC-STA-1511(0-4)

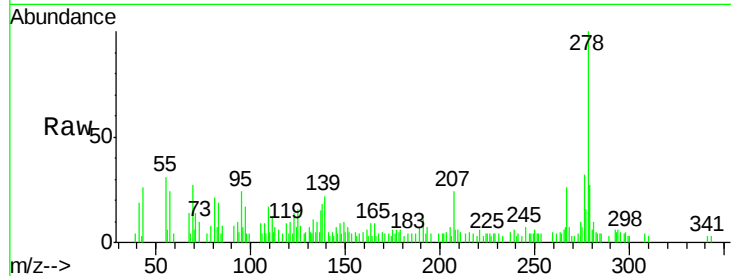
Tgt Ion:278 Resp: 18928

Ion Ratio Lower Upper

278 100

139 22.0 15.7 23.5

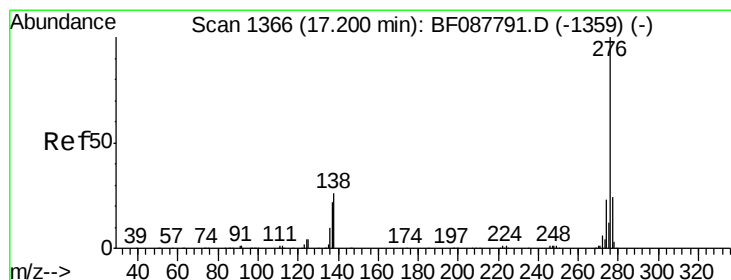
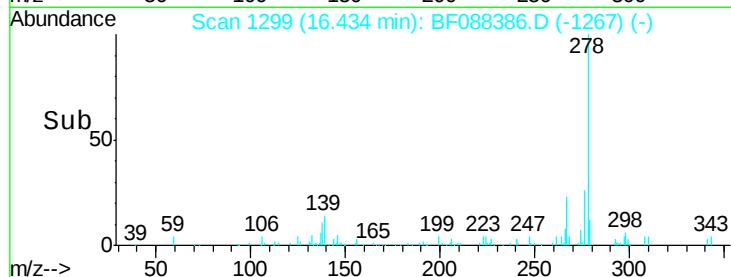
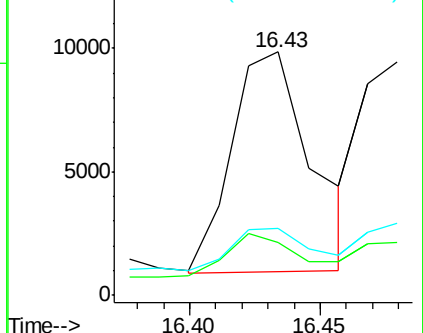
279 27.3 19.4 29.2



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: 14.19 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.09 min

Lab File: BF088386.D

Acq: 25 Jun 2016 19:39

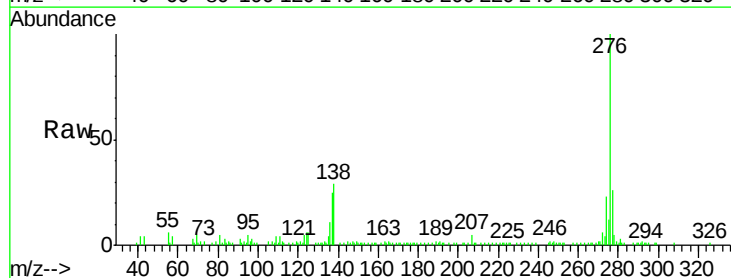
Tgt Ion:276 Resp: 97982

Ion Ratio Lower Upper

276 100

277 25.8 18.9 28.3

138 28.8 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

