

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
 Data File : BF088385.D
 Acq On : 25 Jun 2016 19:10
 Operator : UM/SJ
 Sample : H3622-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1461(0-4)

Quant Time: Jun 26 01:58:58 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	75861	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	291382	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	124659	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	205305	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	159162	20.00	ng	-0.06
86) Perylene-d12	15.04	264	131758	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.15	112	501973	113.12	ng	-0.02
7) Phenol-d6	6.23	99	629448	117.04	ng	-0.03
23) Nitrobenzene-d5	7.14	82	463880	92.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.39	330	127290	96.71	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	666232	83.88	ng	-0.05
78) Terphenyl-d14	12.65	244	436592	62.42	ng	-0.05

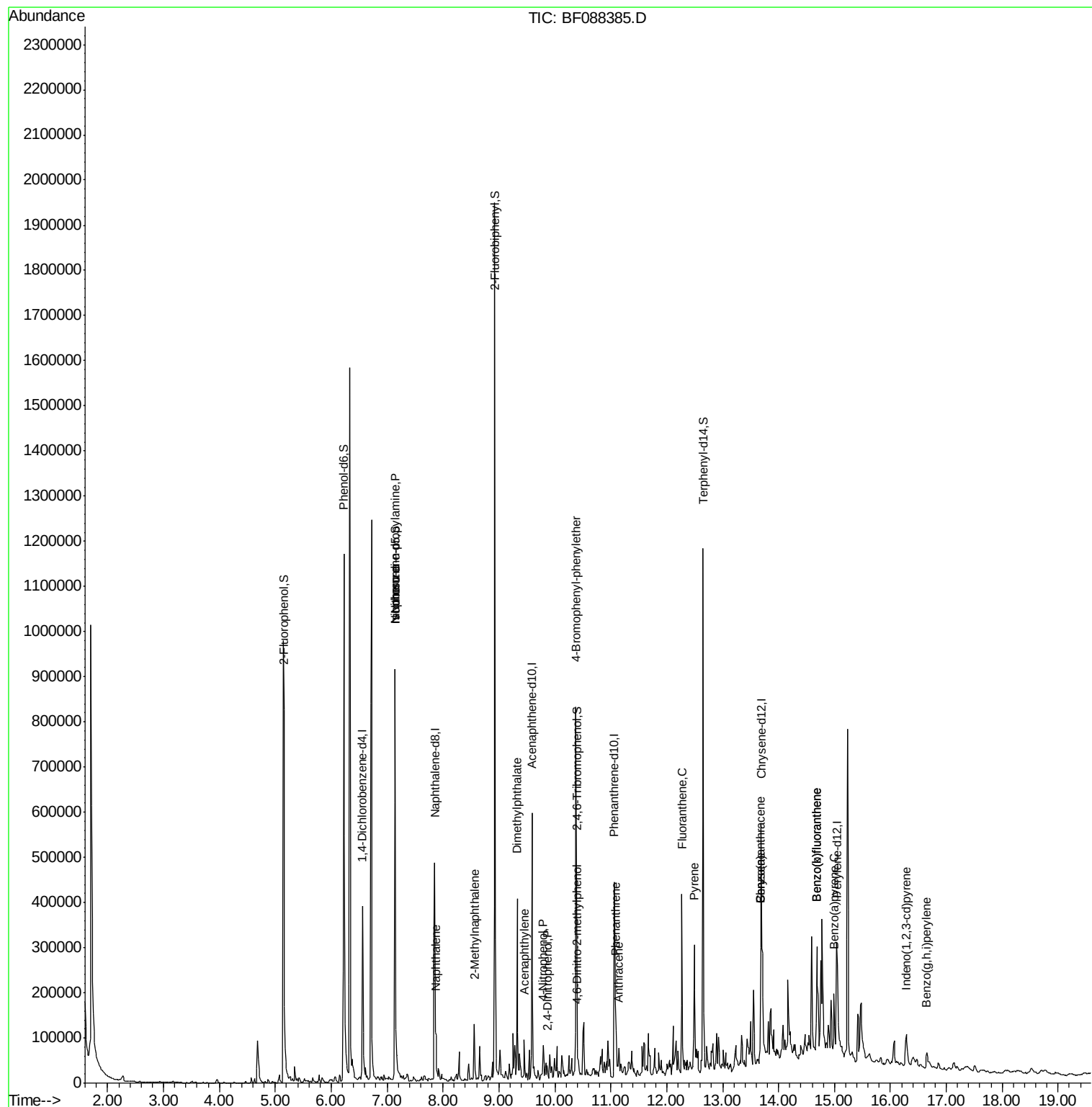
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.24	94	5628	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.14	70	59855	17.40	ng	66
25) Isophorone	7.14	82	447699	48.44	ng	65
31) Naphthalene	7.87	128	61510	4.27	ng	99
37) 2-Methylnaphthalene	8.56	142	38952	4.10	ng	97
45) 1,1'-Biphenyl	9.03	154	5477	Below Cal		98
48) Acenaphthylene	9.45	152	33286	2.59	ng	98
49) Dimethylphthalate	9.32	163	153185	16.96	ng	99
53) 2,4-Dinitrophenol	9.87	184	470	3.61	ng	# 15
55) 4-Nitrophenol	9.79	139	7162	3.87	ng	# 12
57) Fluorene	10.14	166	5748	Below Cal	#	77
64) 4,6-Dinitro-2-methylphenol	10.40	198	785	2.75	ng	# 23
66) 4-Bromophenyl-phenylether	10.38	248	7768	3.53	ng	# 1
70) Phenanthrene	11.08	178	73352	6.81	ng	99
71) Anthracene	11.14	178	25718	2.37	ng	98
74) Fluoranthene	12.27	202	177164	15.58	ng	96
77) Pyrene	12.49	202	148738	12.59	ng	98
80) Benzo(a)anthracene	13.68	228	105713	11.66	ng	95
82) Chrysene	13.68	228	105713	12.39	ng	96
85) Indeno(1,2,3-cd)pyrene	16.29	276	37222	4.70	ng	# 100
87) Benzo(b)fluoranthene	14.69	252	162363	17.68	ng	# 96
88) Benzo(k)fluoranthene	14.69	252	162363	23.44	ng	99
89) Benzo(a)pyrene	14.99	252	63546	8.55	ng	97
91) Benzo(g,h,i)perylene	16.65	276	30972	4.36	ng	97

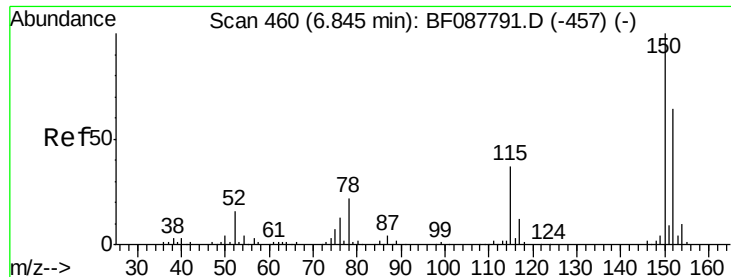
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088385.D

Acq: 25 Jun 2016 19:10

Instrument :

BNA_F

ClientSampleId :

SC-STA-1461(0-4)

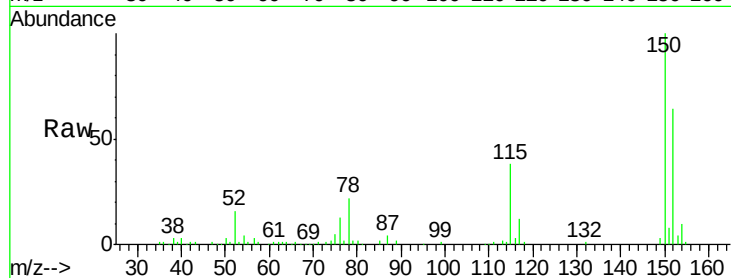
Tgt Ion:152 Resp: 75861

Ion Ratio Lower Upper

152 100

150 156.4 123.8 185.6

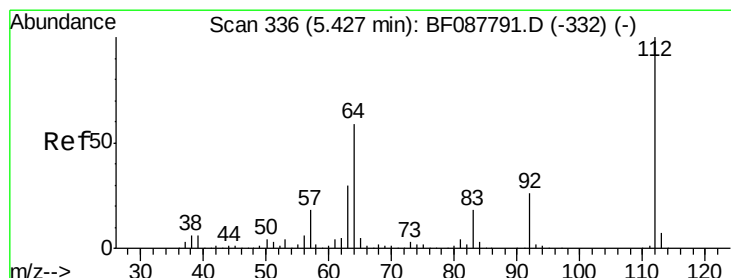
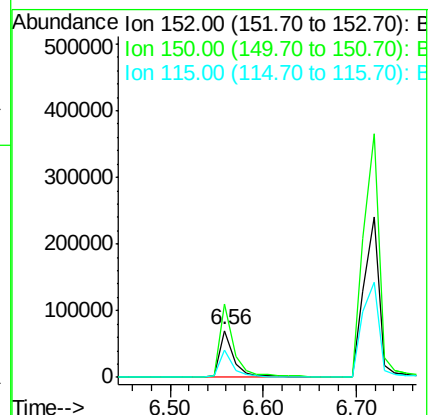
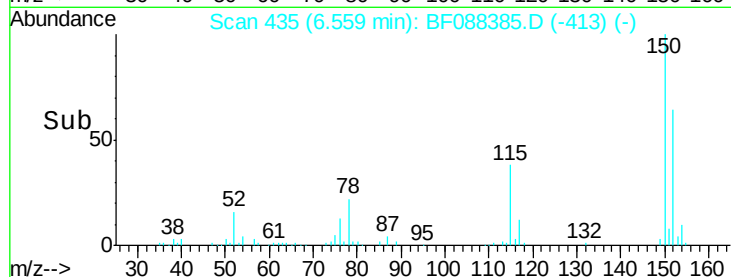
115 58.7 39.6 59.4



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: 113.12 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.02 min

Lab File: BF088385.D

Acq: 25 Jun 2016 19:10

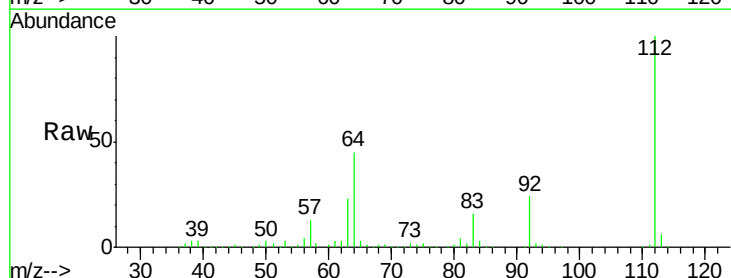
Tgt Ion:112 Resp: 501973

Ion Ratio Lower Upper

112 100

64 44.9 42.2 63.2

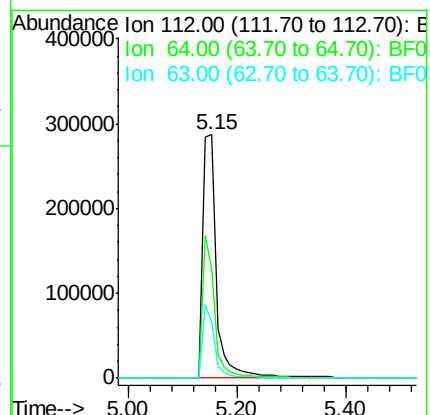
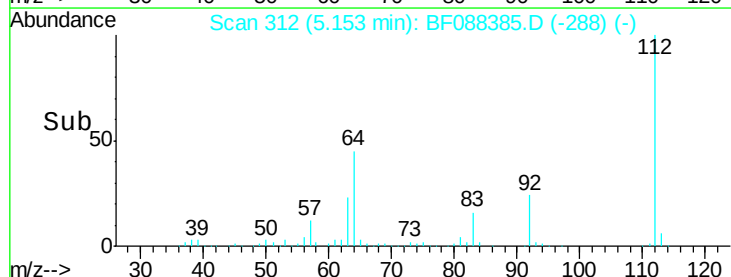
63 22.9 21.8 32.8

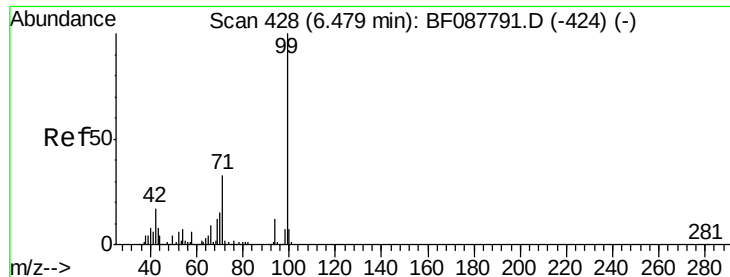


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.04 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088385.D

Acq: 25 Jun 2016 19:10

Instrument :

BNA_F

ClientSampleId :

SC-STA-1461(0-4)

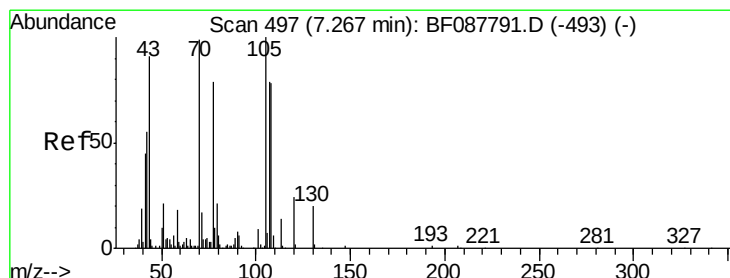
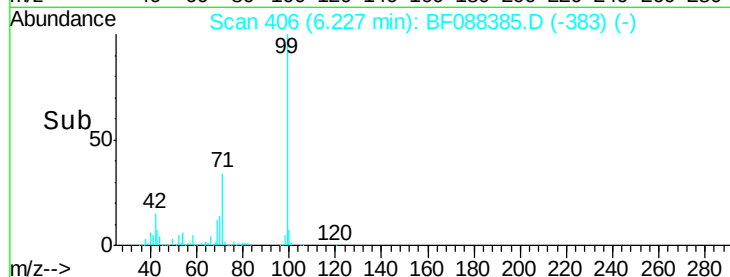
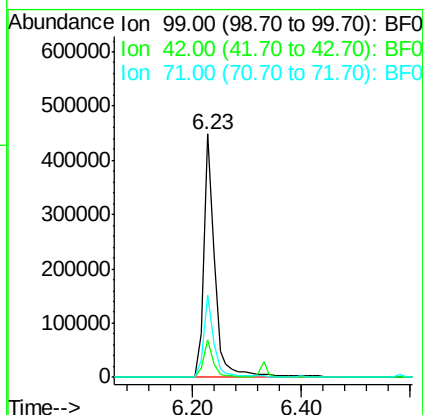
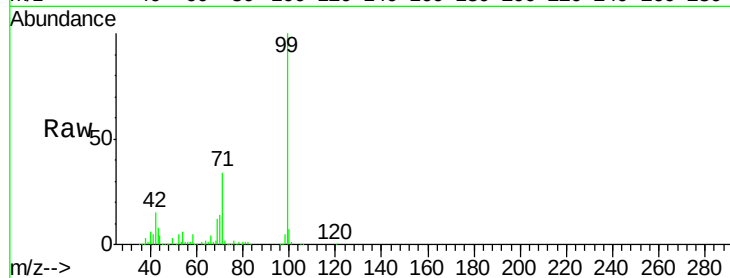
Tgt Ion: 99 Resp: 629448

Ion Ratio Lower Upper

99 100

42 15.4 12.2 18.2

71 33.9 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.40 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.10 min

Lab File: BF088385.D

Acq: 25 Jun 2016 19:10

Tgt Ion: 70 Resp: 59855

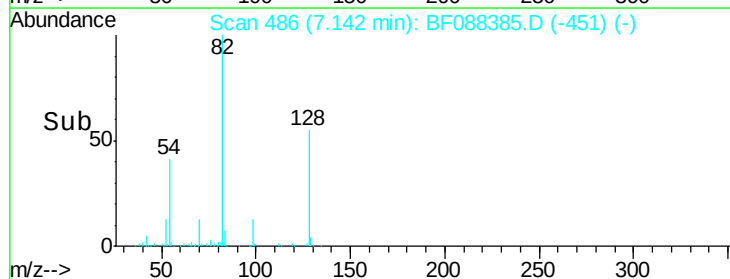
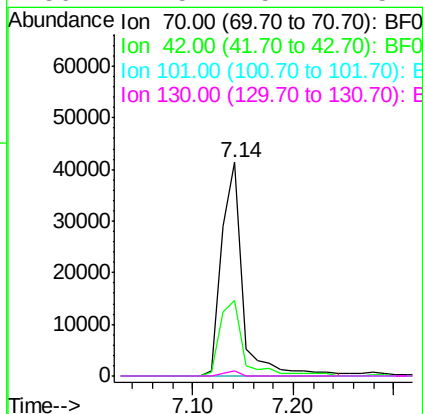
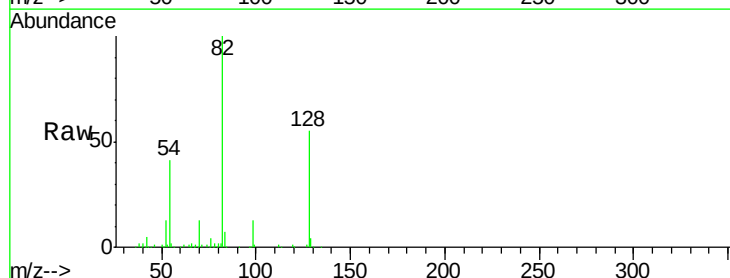
Ion Ratio Lower Upper

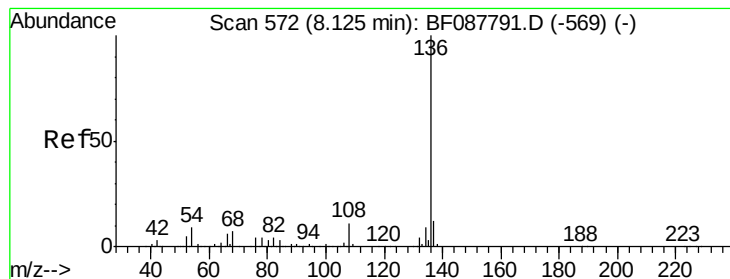
70 100

42 35.5 49.6 74.4#

101 0.0 7.1 10.7#

130 2.5 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: BF088385.D

Acq: 25 Jun 2016 19:10

Instrument :

BNA_F

ClientSampleId :

SC-STA-1461(0-4)

Tgt Ion:136 Resp: 291382

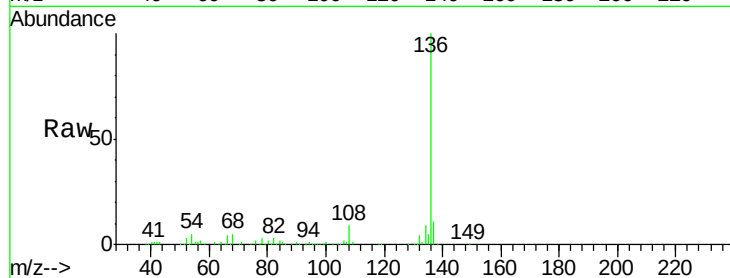
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.0 6.6 10.0#

68 4.5 5.1 7.7#

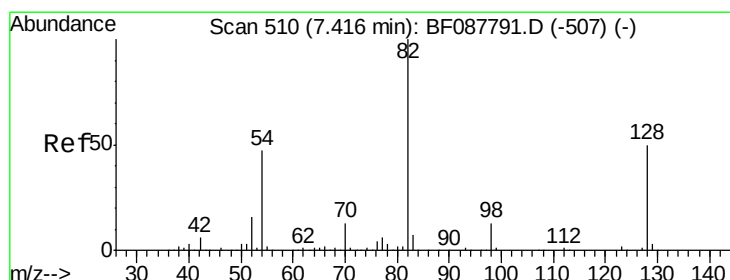
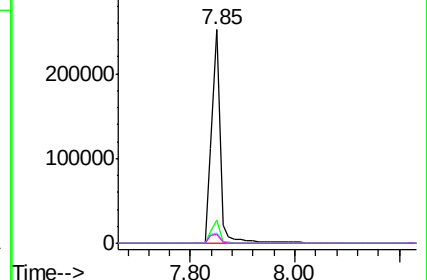
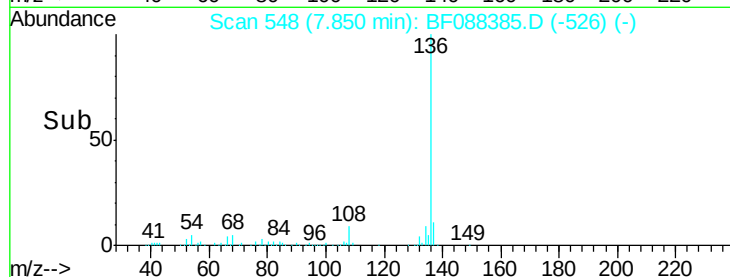


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.96 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF088385.D

Acq: 25 Jun 2016 19:10

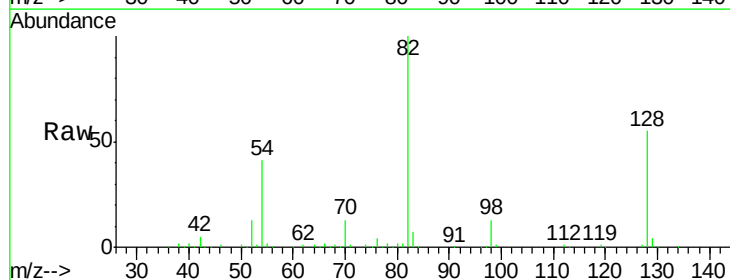
Tgt Ion: 82 Resp: 463880

Ion Ratio Lower Upper

82 100

128 54.8 35.9 53.9#

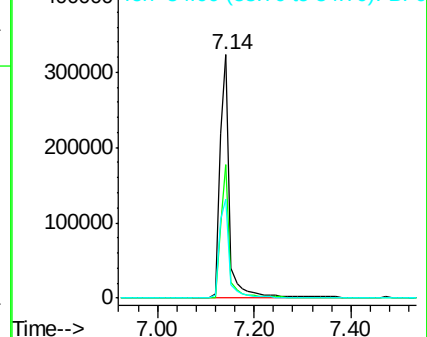
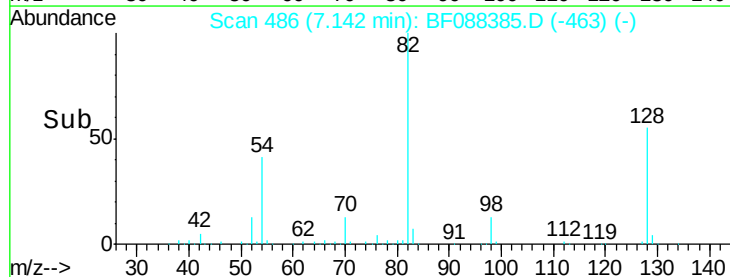
54 40.9 40.9 61.3

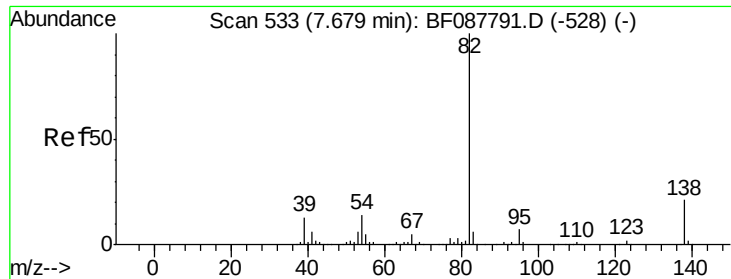


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 48.44 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.30 min

Lab File: BF088385.D

Acq: 25 Jun 2016 19:10

Instrument :

BNA_F

ClientSampleId :

SC-STA-1461(0-4)

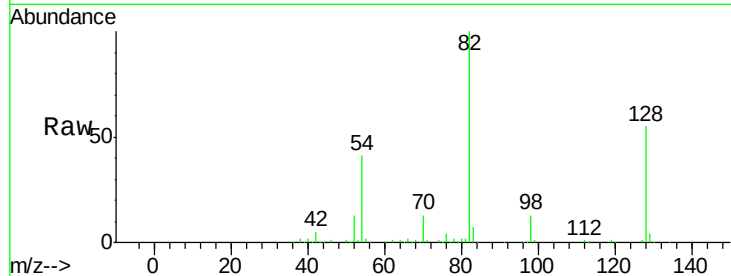
Tgt Ion: 82 Resp: 447699

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

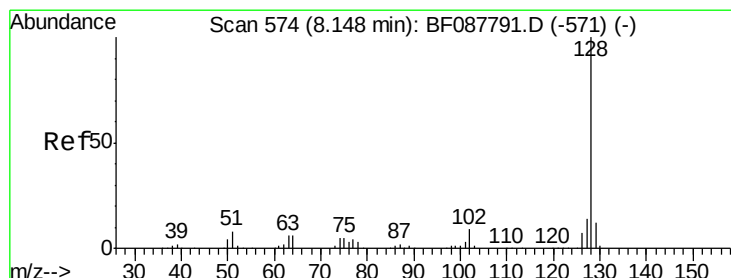
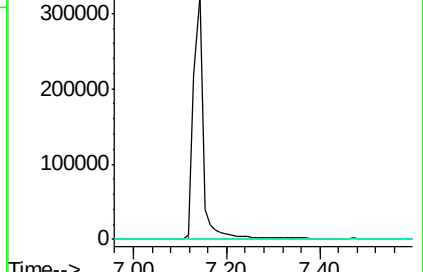
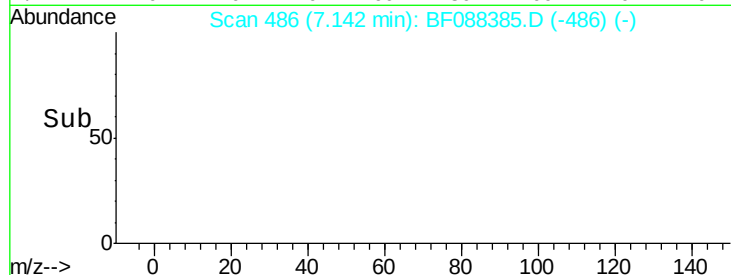
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF087791.D (-528) (-)

Ion 95.00 (94.70 to 95.70): BF087791.D (-528) (-)

Ion 138.00 (137.70 to 138.70): BF087791.D (-528) (-)



#31

Naphthalene

Concen: 4.27 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.05 min

Lab File: BF088385.D

Acq: 25 Jun 2016 19:10

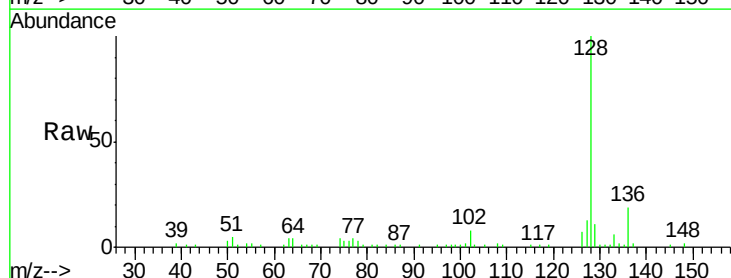
Tgt Ion: 128 Resp: 61510

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.2

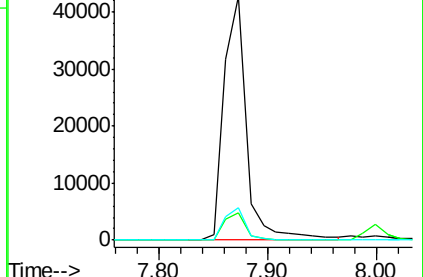
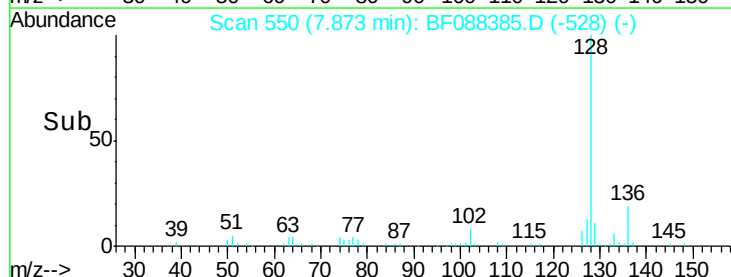
127 13.1 10.9 16.3

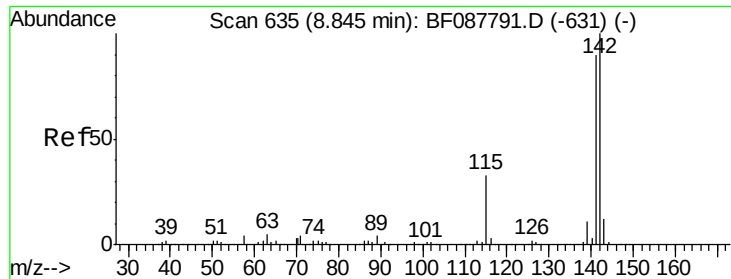


Abundance Ion 128.00 (127.70 to 128.70): BF087791.D (-571) (-)

Ion 129.00 (128.70 to 129.70): BF087791.D (-571) (-)

Ion 127.00 (126.70 to 127.70): BF087791.D (-571) (-)

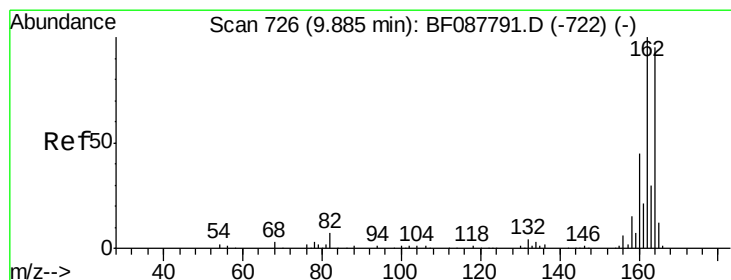
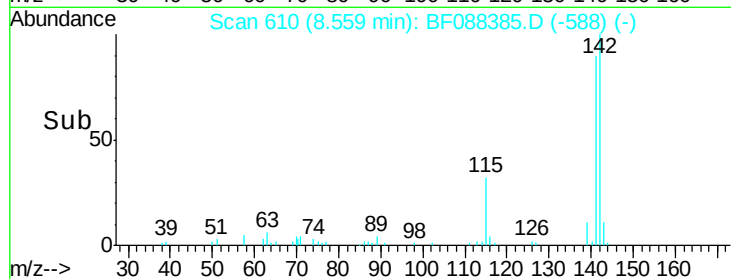
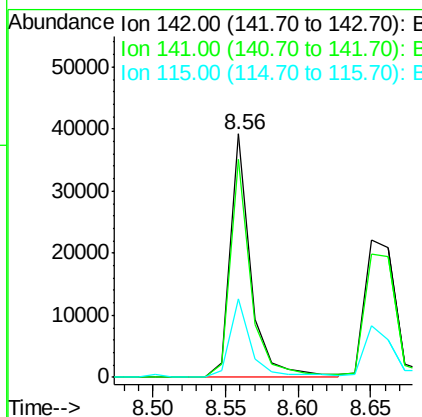
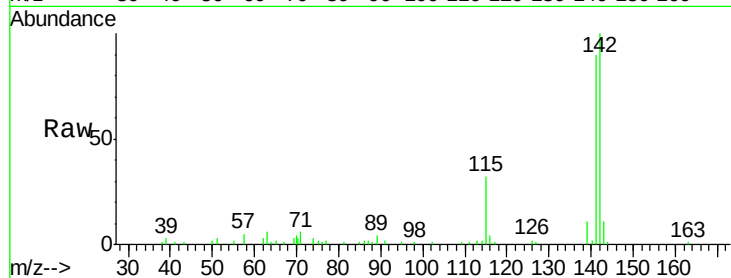




#37
 2-Methylnaphthalene
 Concen: 4.10 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.05 min
 Lab File: BF088385.D
 Acq: 25 Jun 2016 19:10

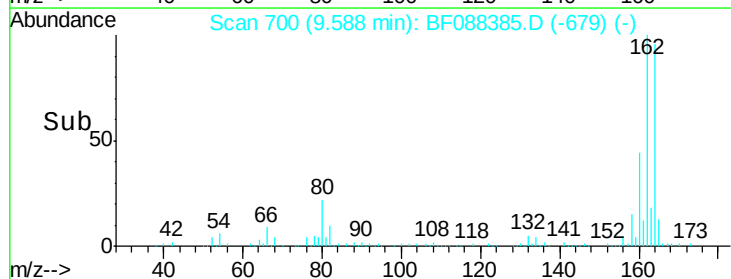
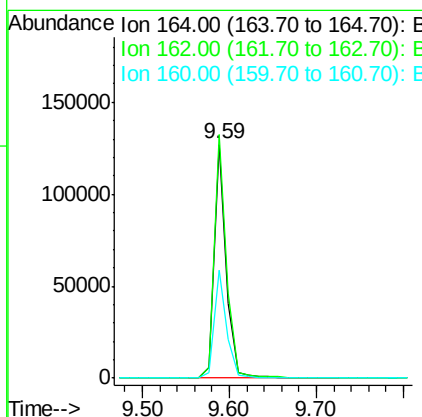
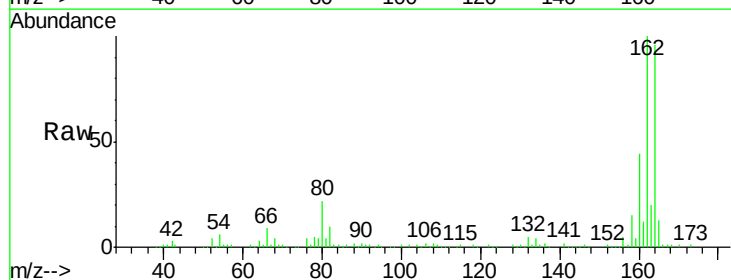
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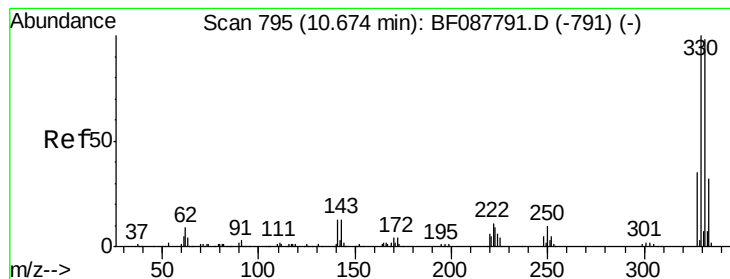
Tgt Ion:142 Resp: 38952
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.0 106.6
 115 32.4 22.6 33.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.06 min
 Lab File: BF088385.D
 Acq: 25 Jun 2016 19:10

Tgt Ion:164 Resp: 124659
 Ion Ratio Lower Upper
 164 100
 162 104.1 85.4 128.2
 160 46.1 39.5 59.3

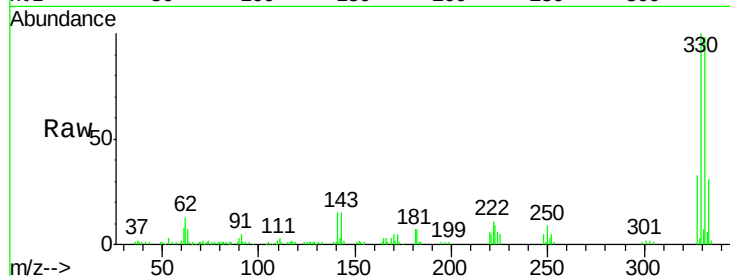




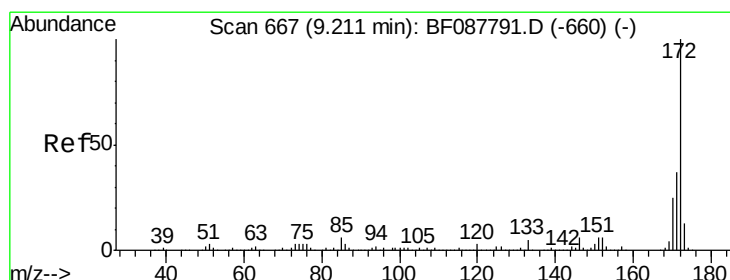
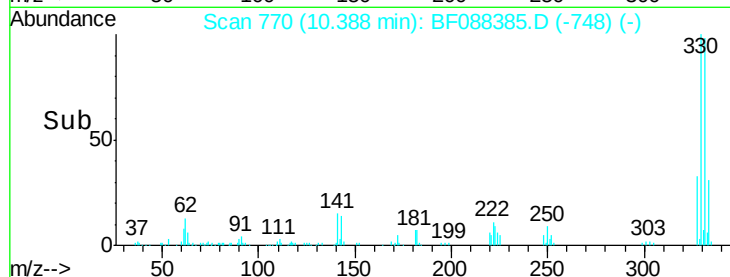
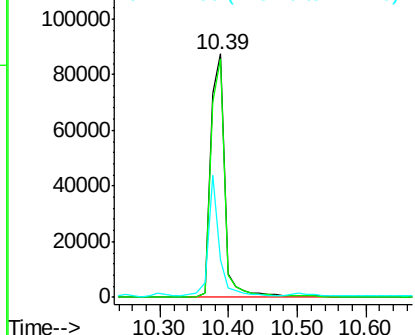
#41
 2,4,6-Tribromophenol
 Concen: 96.71 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF088385.D
 Acq: 25 Jun 2016 19:10

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1461(0-4)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	39.2	0.0	0.0#

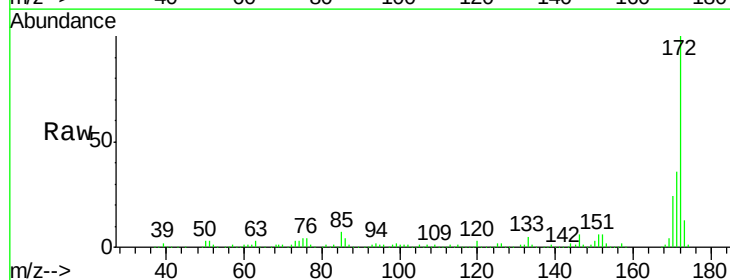


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

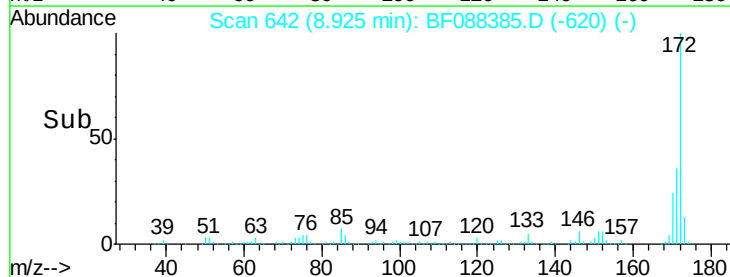
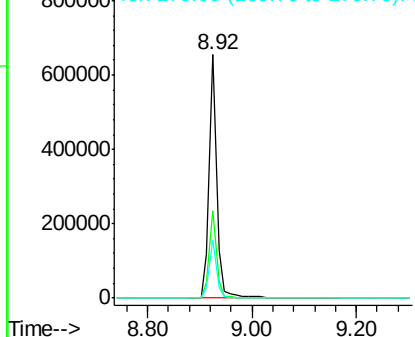


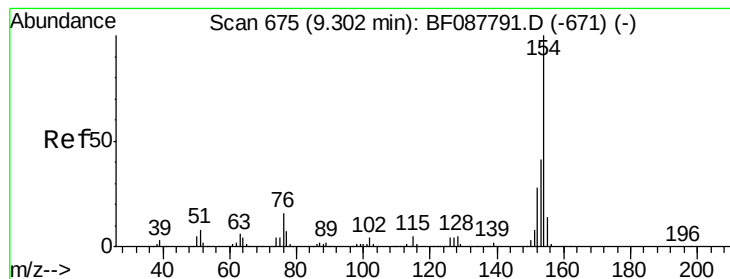
#44
 2-Fluorobiphenyl
 Concen: 83.88 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF088385.D
 Acq: 25 Jun 2016 19:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.6	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: BF088385.D

Acq: 25 Jun 2016 19:10

Instrument :

BNA_F

ClientSampleId :

SC-STA-1461(0-4)

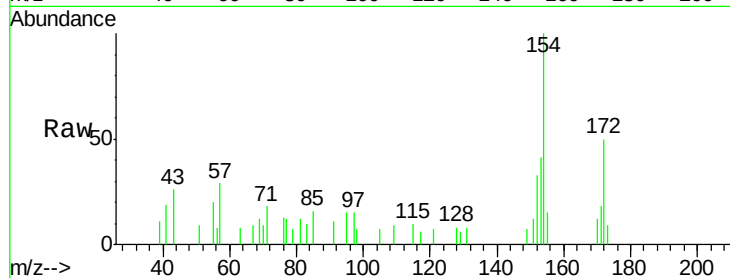
Tgt Ion:154 Resp: 5477

Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

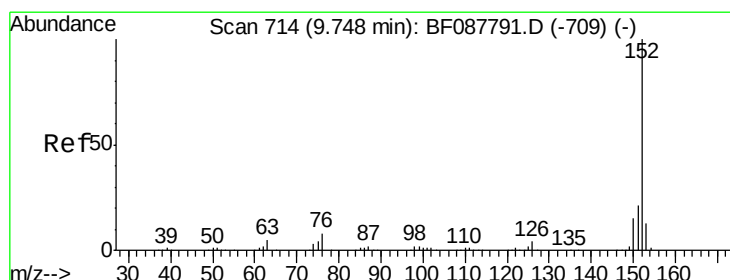
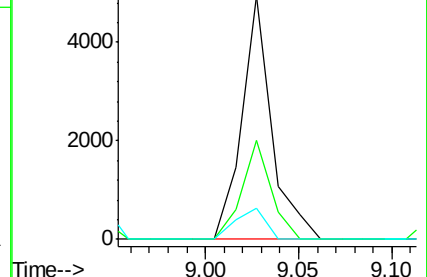
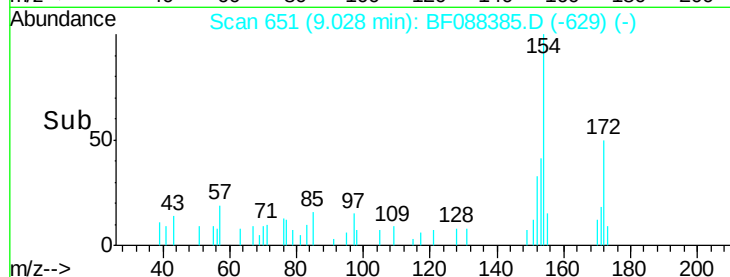
76 12.8 0.0 35.1



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: 2.59 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.06 min

Lab File: BF088385.D

Acq: 25 Jun 2016 19:10

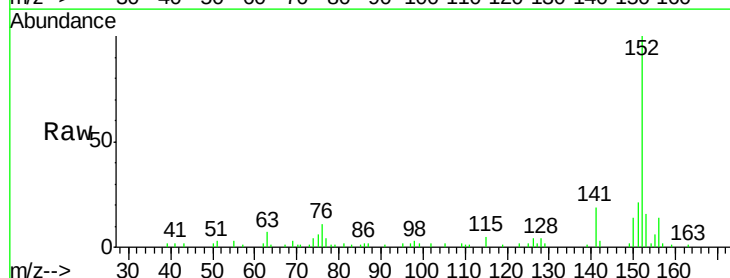
Tgt Ion:152 Resp: 33286

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.4

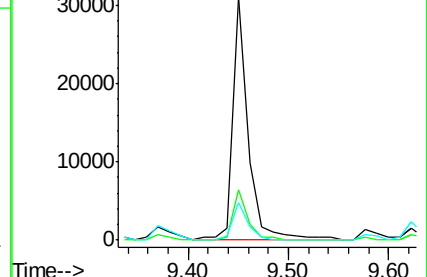
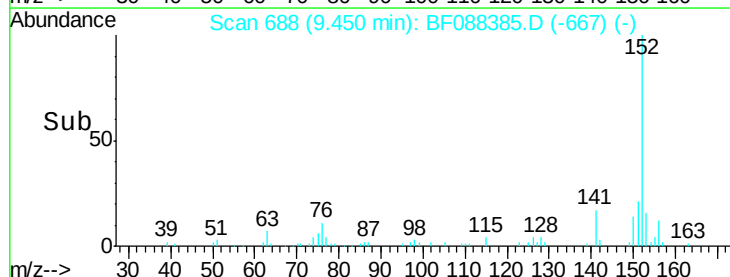
153 15.6 11.0 16.6

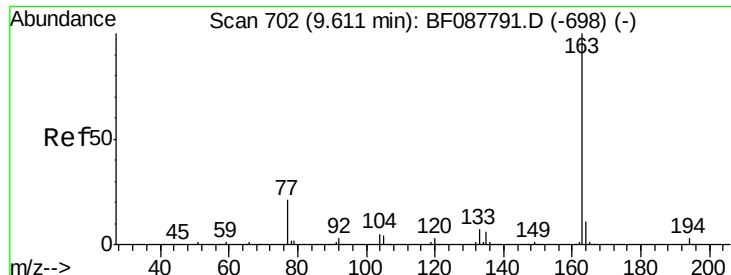


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 16.96 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF088385.D

Acq: 25 Jun 2016 19:10

Instrument :

BNA_F

ClientSampleId :

SC-STA-1461(0-4)

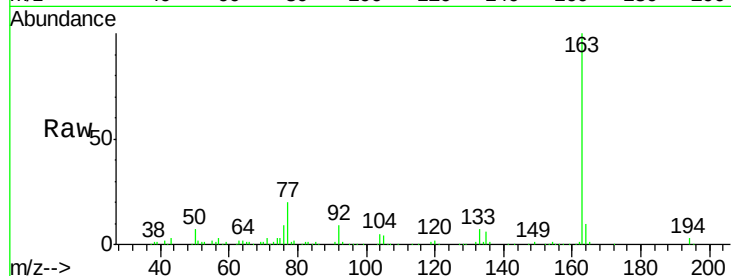
Tgt Ion:163 Resp: 153185

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

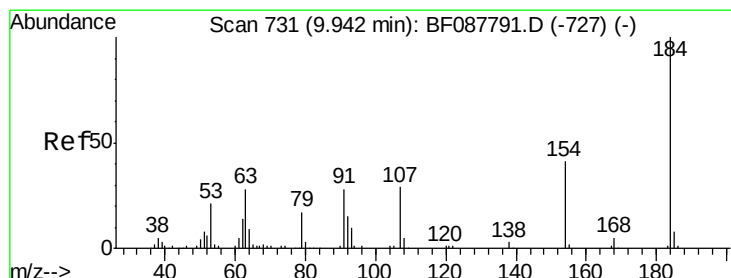
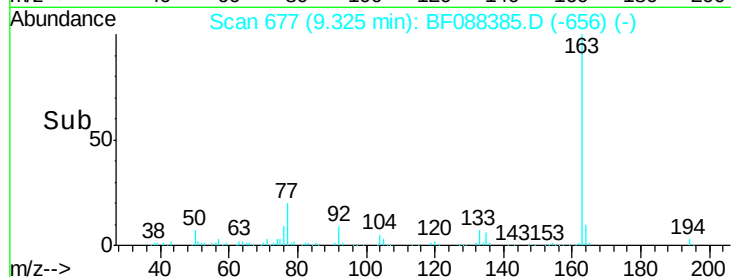
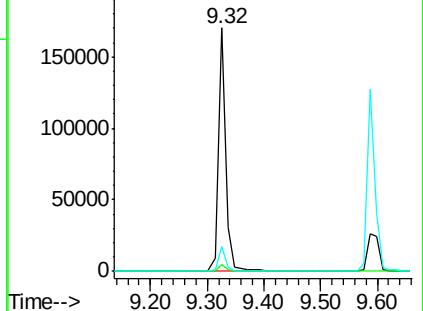
164 10.2 8.3 12.5



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: 3.61 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.14 min

Lab File: BF088385.D

Acq: 25 Jun 2016 19:10

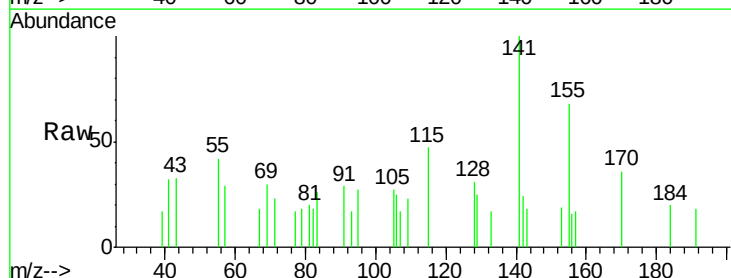
Tgt Ion:184 Resp: 470

Ion Ratio Lower Upper

184 100

63 0.0 57.6 86.4#

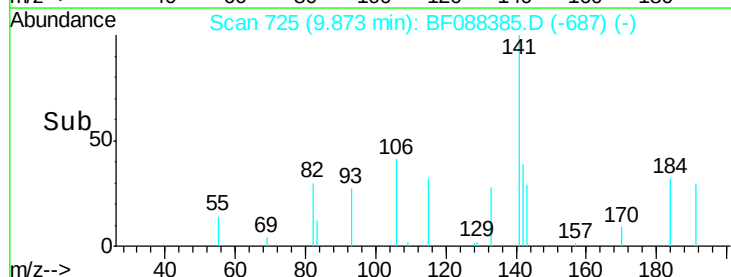
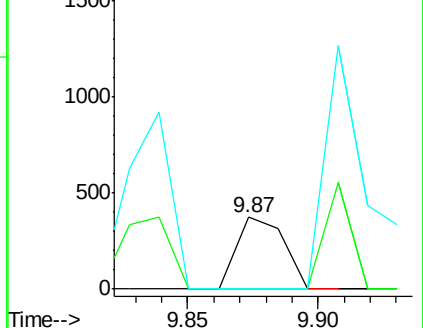
154 0.0 53.5 80.3#

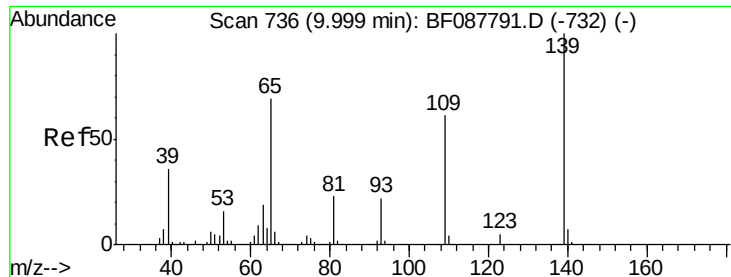


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

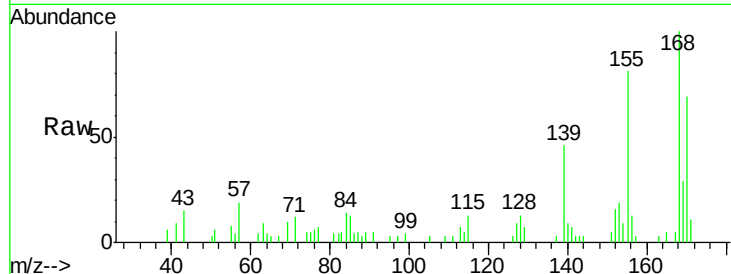




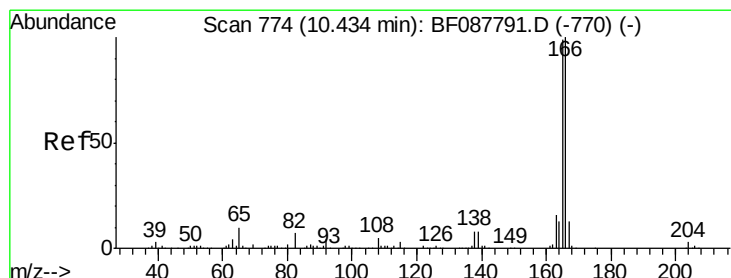
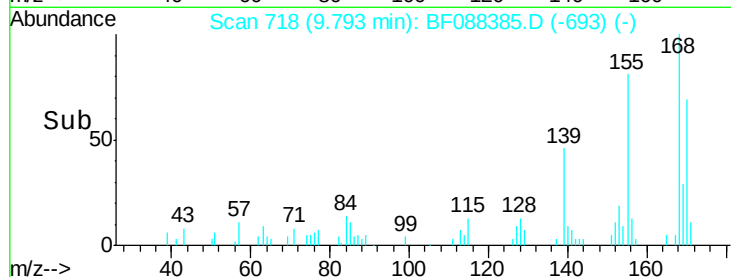
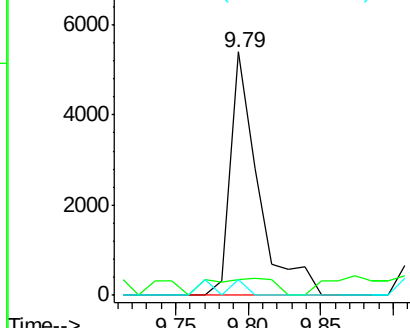
#55
4-Nitrophenol
Concen: 3.87 ng
RT: 9.79 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF088385.D
Acq: 25 Jun 2016 19:10

Instrument :
BNA_F
ClientSampleId :
SC-STA-1461(0-4)

Tgt Ion	Ratio	Lower	Upper
139	100		
109	6.7	48.9	88.9#
65	6.4	84.9	124.9#

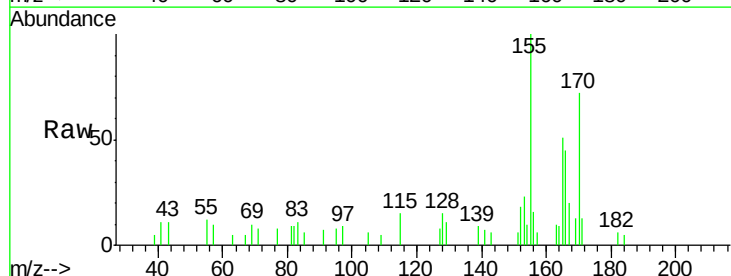


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

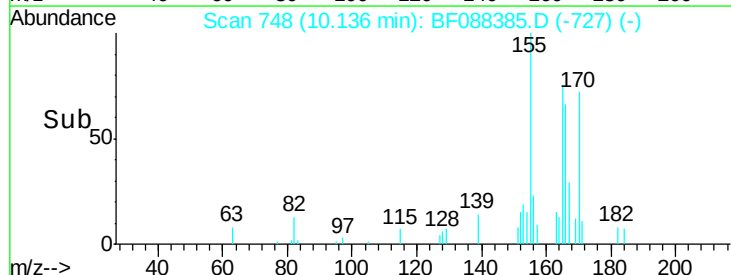
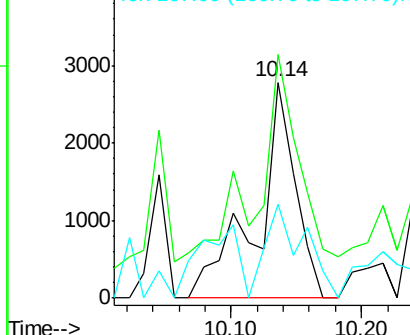


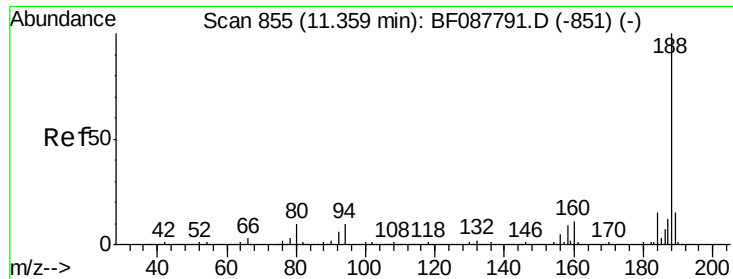
#57
Fluorene
Concen: Below Cal
RT: 10.14 min Scan# 748
Delta R.T. -0.06 min
Lab File: BF088385.D
Acq: 25 Jun 2016 19:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	112.7	77.8	116.8
167	43.3	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

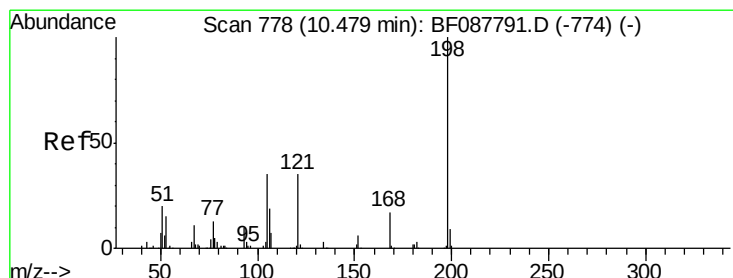
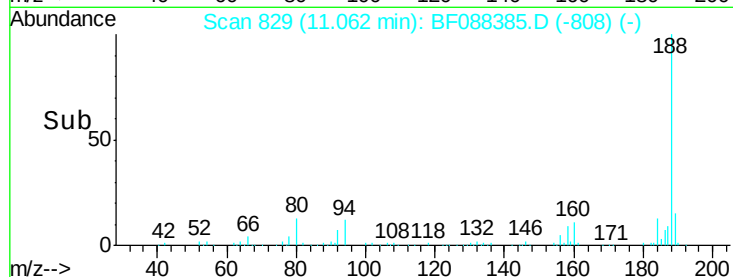
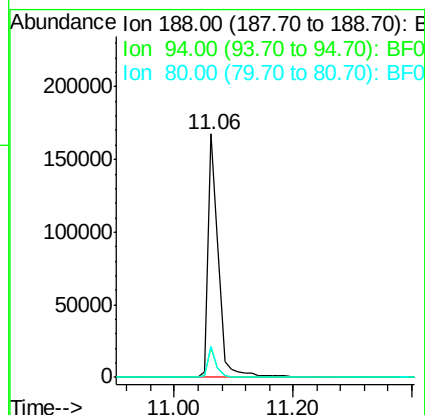
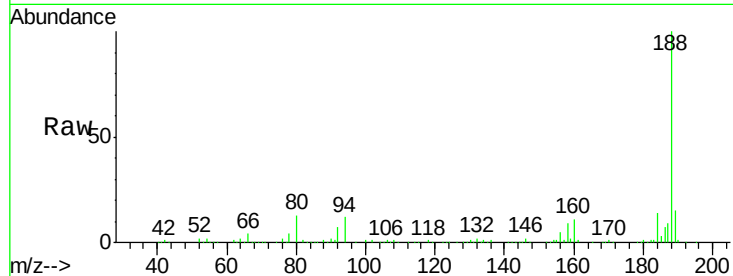




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.06 min
 Lab File: BF088385.D
 Acq: 25 Jun 2016 19:10

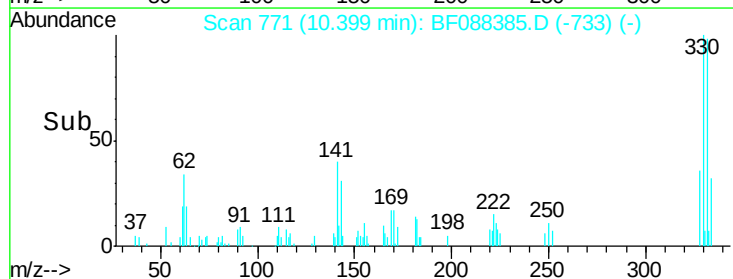
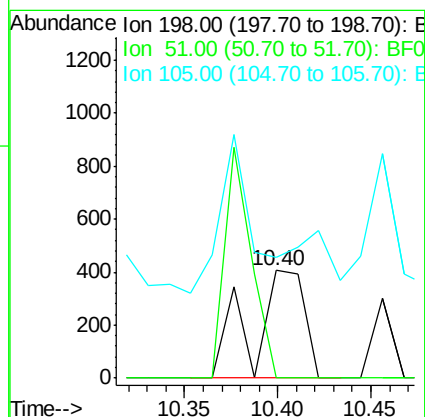
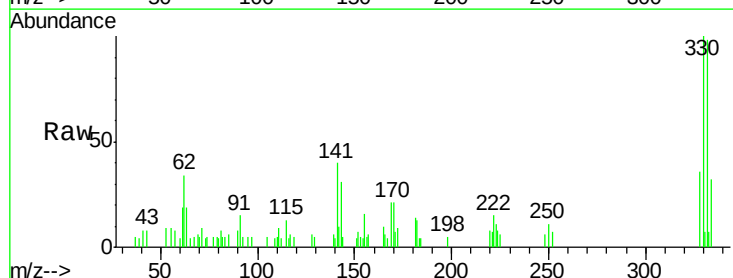
Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1461(0-4)

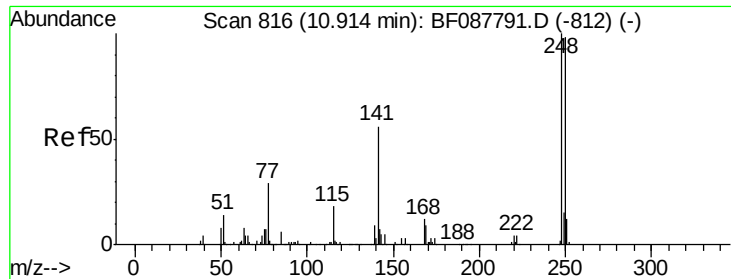
Tgt Ion:188 Resp: 205305
 Ion Ratio Lower Upper
 188 100
 94 12.3 9.0 13.6
 80 13.0 10.0 15.0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.75 ng
 RT: 10.40 min Scan# 771
 Delta R.T. 0.14 min
 Lab File: BF088385.D
 Acq: 25 Jun 2016 19:10

Tgt Ion:198 Resp: 785
 Ion Ratio Lower Upper
 198 100
 51 0.0 39.6 79.6#
 105 112.1 36.6 76.6#

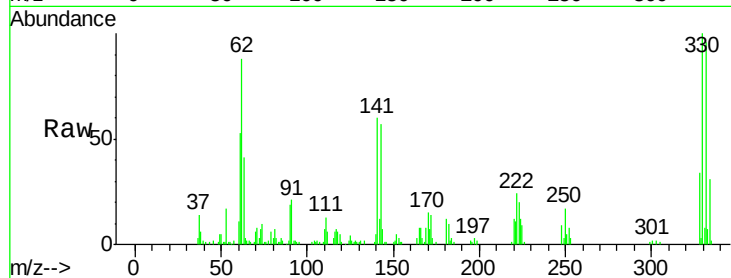




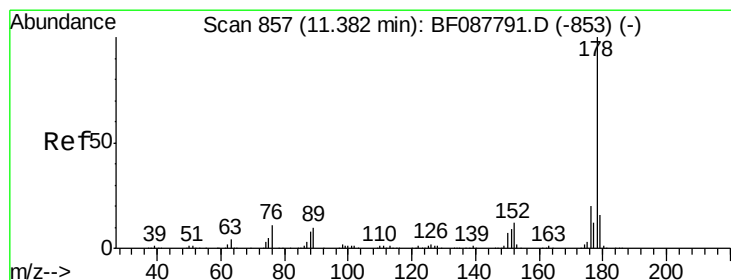
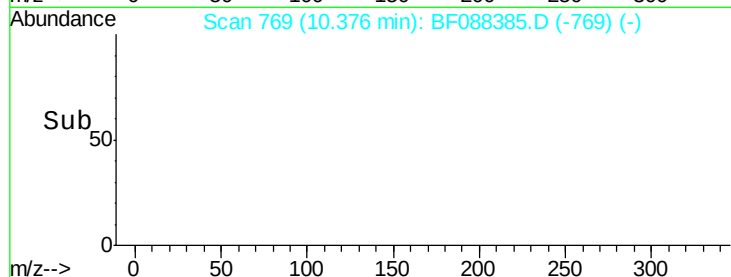
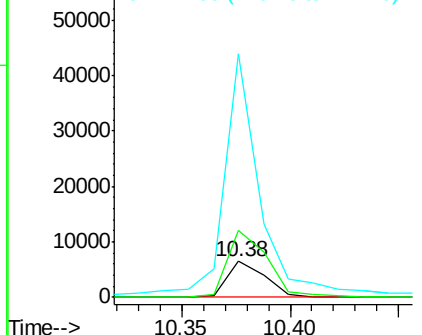
#66
4-Bromophenyl-phenylether
Concen: 3.53 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.30 min
Lab File: BF088385.D
Acq: 25 Jun 2016 19:10

Instrument :
BNA_F
ClientSampleId :
SC-STA-1461(0-4)

Tgt Ion:248 Resp: 7768
Ion Ratio Lower Upper
248 100
250 186.4 77.1 115.7#
141 677.6 50.6 76.0#

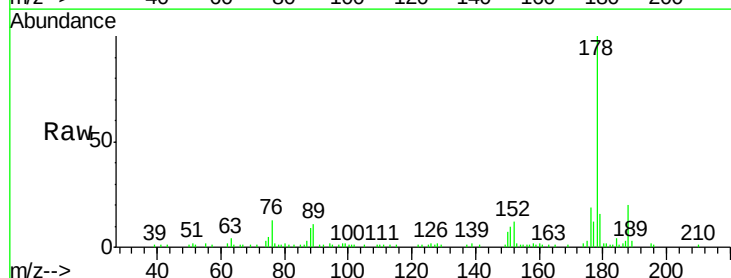


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

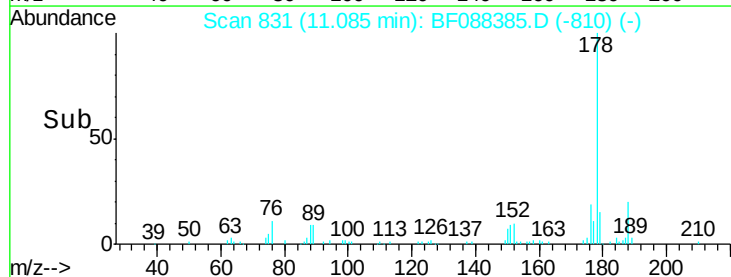
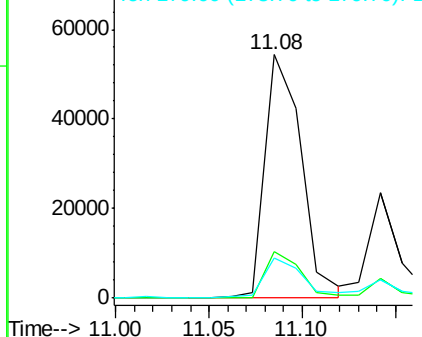


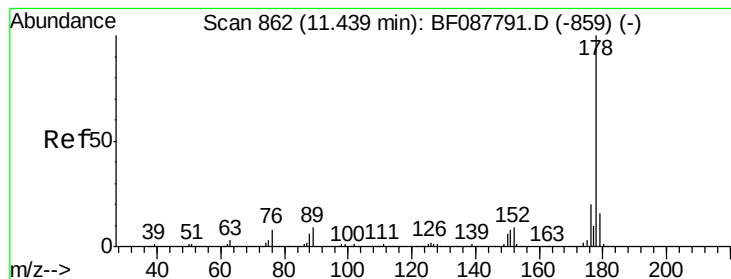
#70
Phenanthrene
Concen: 6.81 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.06 min
Lab File: BF088385.D
Acq: 25 Jun 2016 19:10

Tgt Ion:178 Resp: 73352
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 16.3 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 2.37 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.06 min

Lab File: BF088385.D

Acq: 25 Jun 2016 19:10

Instrument :

BNA_F

ClientSampleId :

SC-STA-1461(0-4)

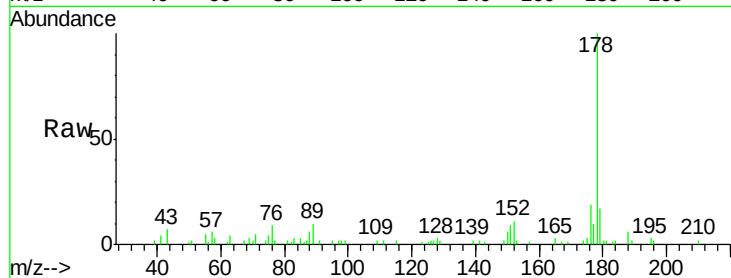
Tgt Ion:178 Resp: 25718

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

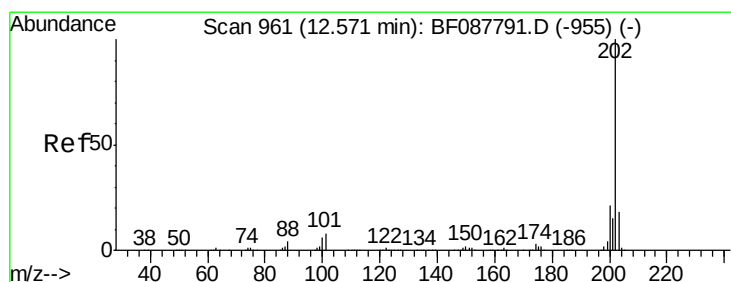
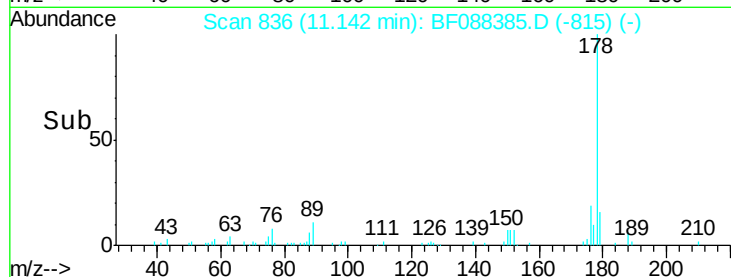
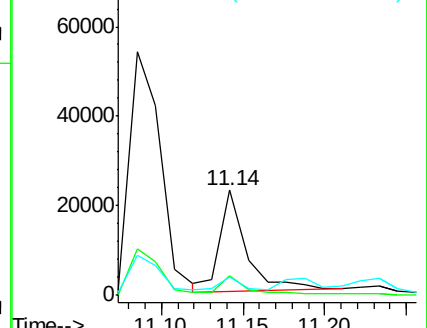
179 17.4 12.8 19.2



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



#74

Fluoranthene

Concen: 15.58 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF088385.D

Acq: 25 Jun 2016 19:10

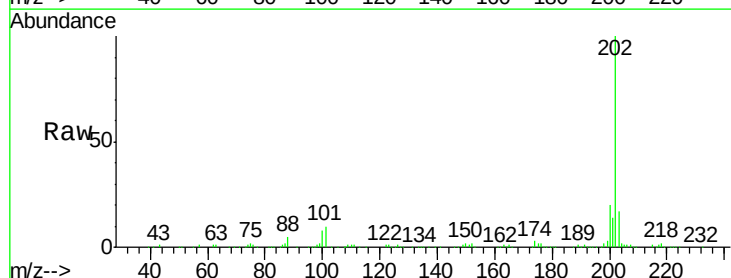
Tgt Ion:202 Resp: 177164

Ion Ratio Lower Upper

202 100

101 10.2 0.0 33.1

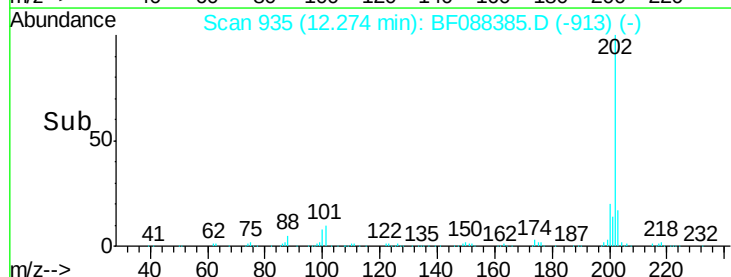
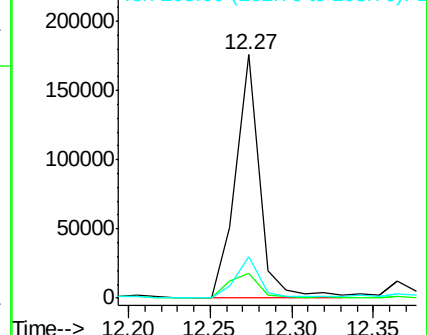
203 17.2 0.0 38.1

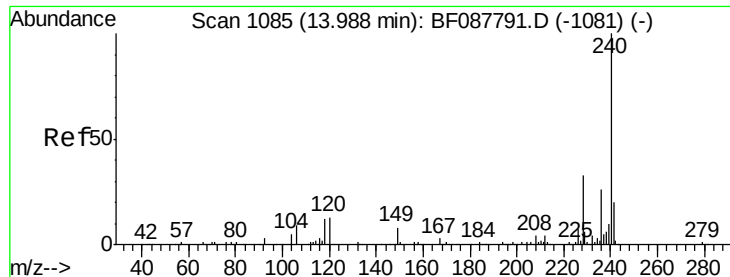


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF088385.D

Acq: 25 Jun 2016 19:10

Instrument :

BNA_F

ClientSampleId :

SC-STA-1461(0-4)

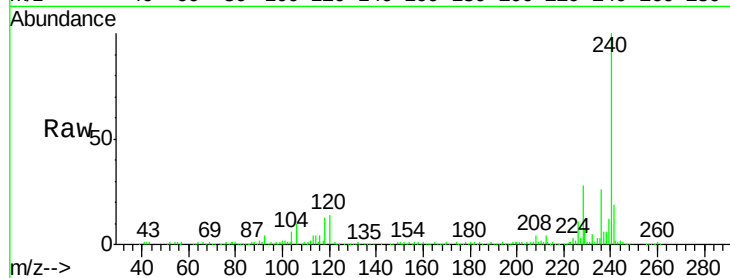
Tgt Ion:240 Resp: 159162

Ion Ratio Lower Upper

240 100

120 14.5 6.8 10.2#

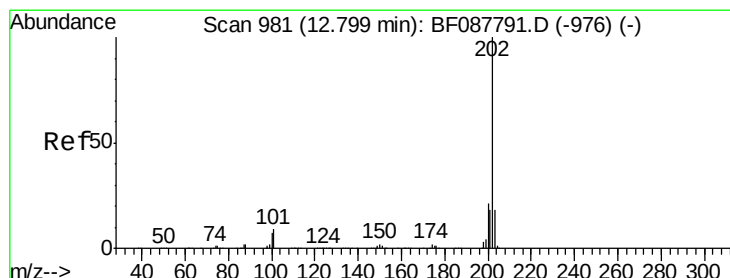
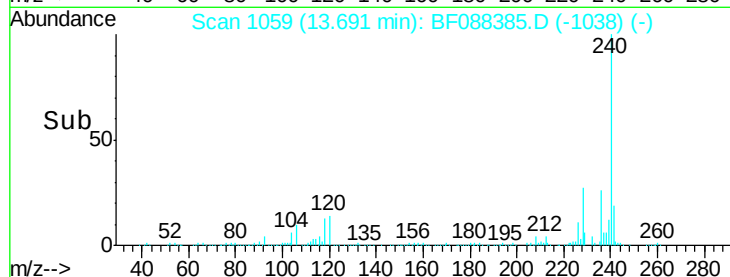
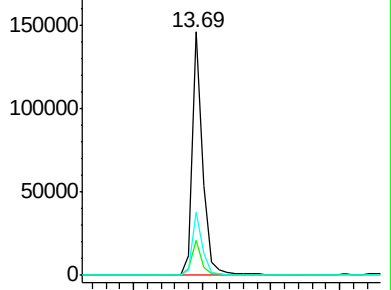
236 26.1 20.2 30.2



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: 12.59 ng

RT: 12.49 min Scan# 954

Delta R.T. -0.06 min

Lab File: BF088385.D

Acq: 25 Jun 2016 19:10

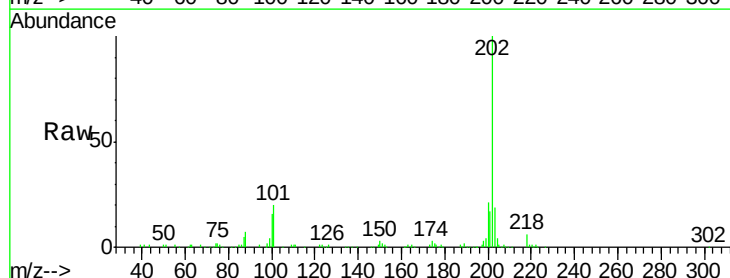
Tgt Ion:202 Resp: 148738

Ion Ratio Lower Upper

202 100

200 20.5 17.4 26.2

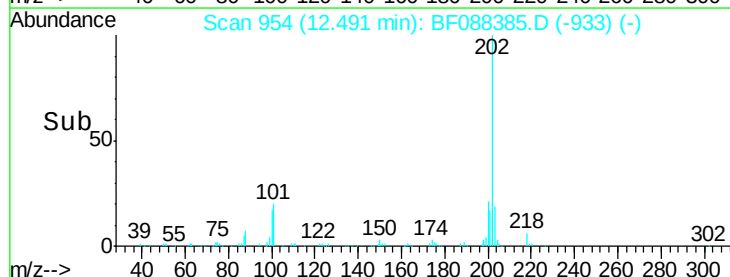
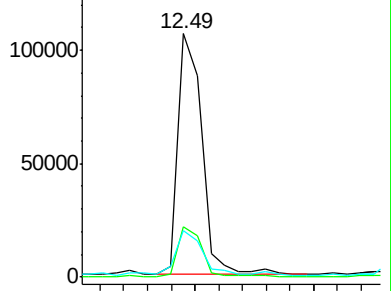
203 19.1 14.5 21.7

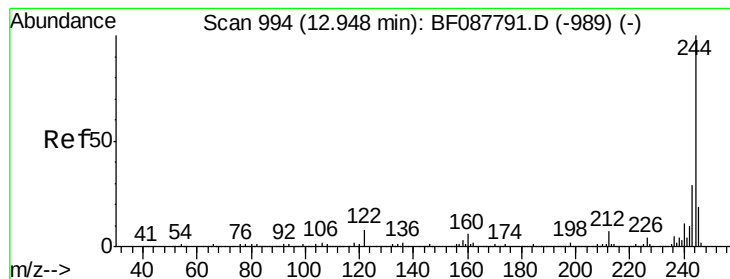


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 62.42 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.05 min

Lab File: BF088385.D

Acq: 25 Jun 2016 19:10

Instrument :

BNA_F

ClientSampleId :

SC-STA-1461(0-4)

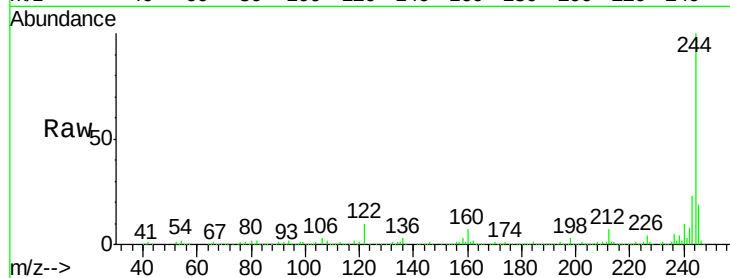
Tgt Ion:244 Resp: 436592

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

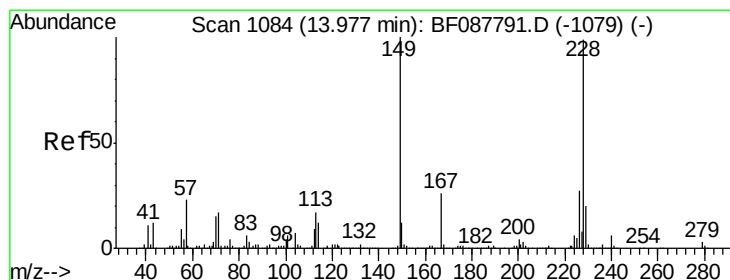
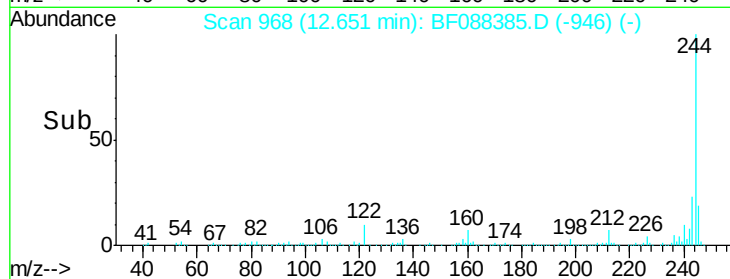
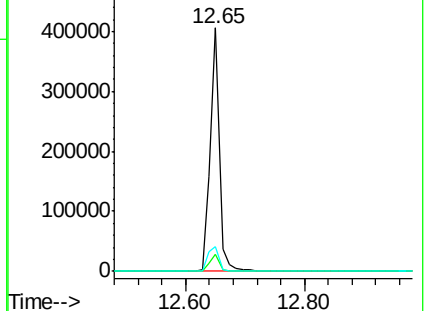
122 10.2 11.2 16.8#



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: 11.66 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.06 min

Lab File: BF088385.D

Acq: 25 Jun 2016 19:10

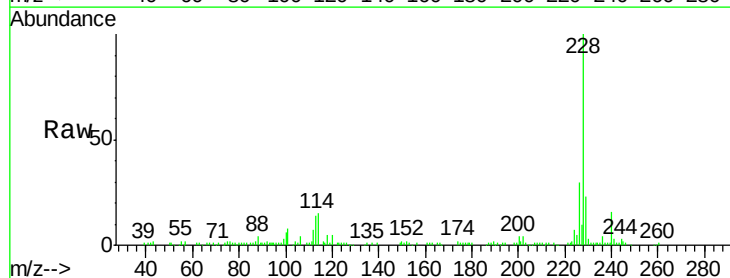
Tgt Ion:228 Resp: 105713

Ion Ratio Lower Upper

228 100

226 30.0 22.3 33.5

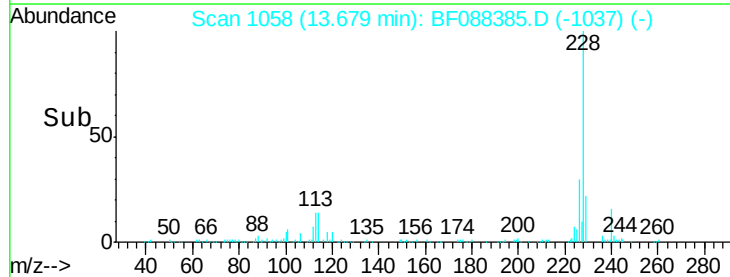
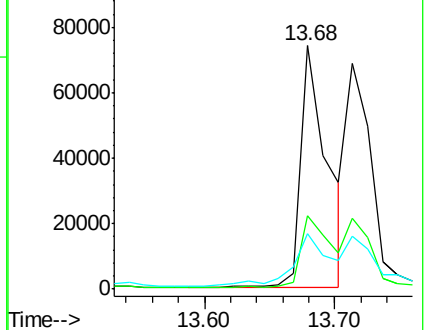
229 22.8 16.0 24.0

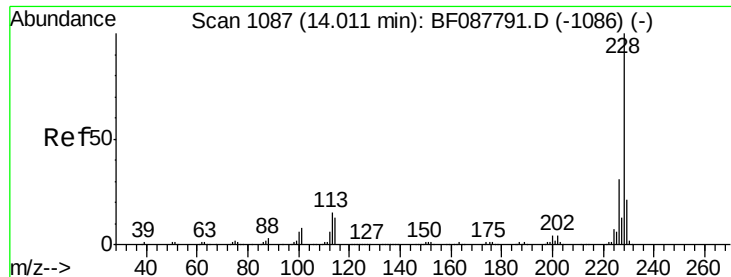


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 12.39 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.09 min

Lab File: BF088385.D

Acq: 25 Jun 2016 19:10

Instrument :

BNA_F

ClientSampleId :

SC-STA-1461(0-4)

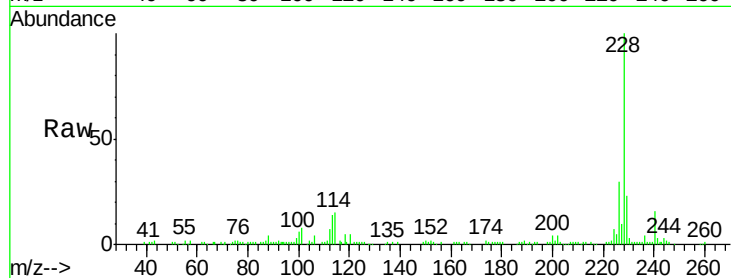
Tgt Ion:228 Resp: 105713

Ion Ratio Lower Upper

228 100

226 30.0 25.4 38.2

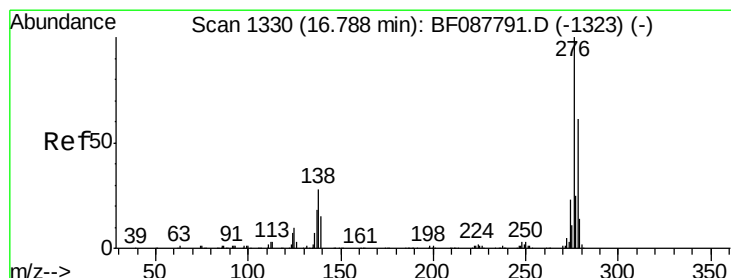
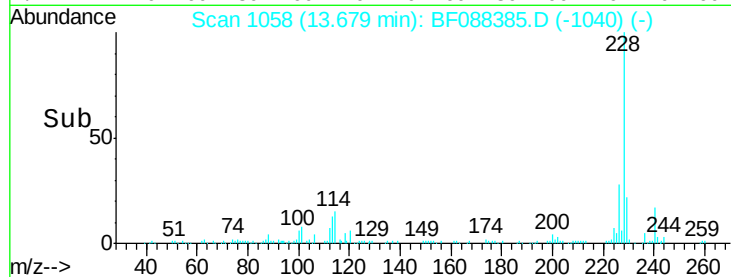
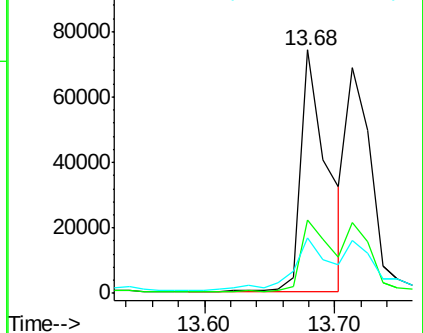
229 22.8 16.3 24.5



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: 4.70 ng

RT: 16.29 min Scan# 1286

Delta R.T. -0.08 min

Lab File: BF088385.D

Acq: 25 Jun 2016 19:10

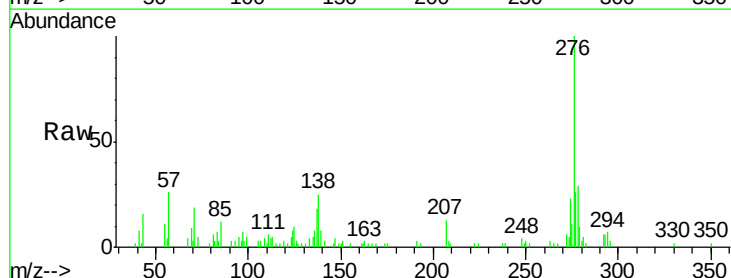
Tgt Ion:276 Resp: 37222

Ion Ratio Lower Upper

276 100

138 28.1 0.0 0.0#

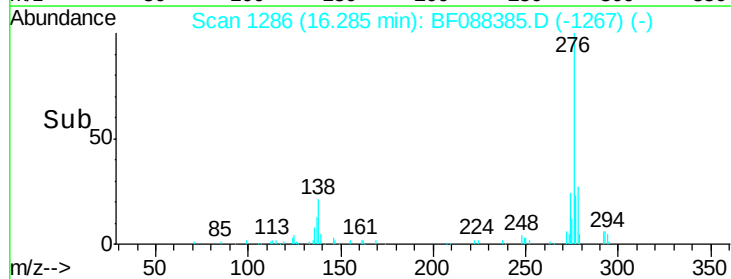
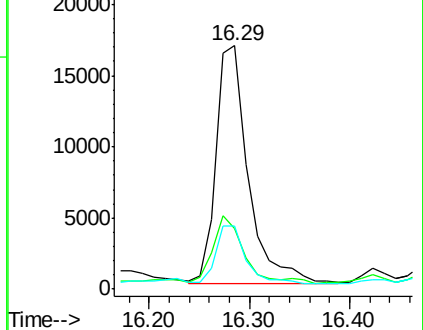
277 25.0 0.0 0.0#

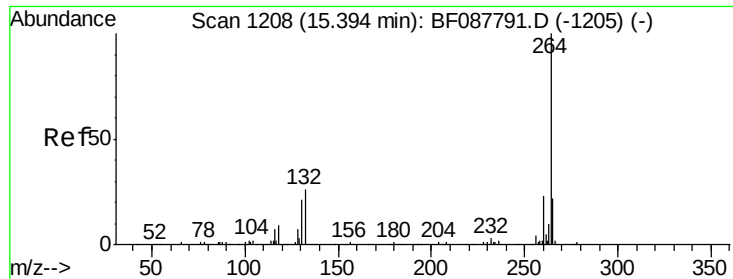


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



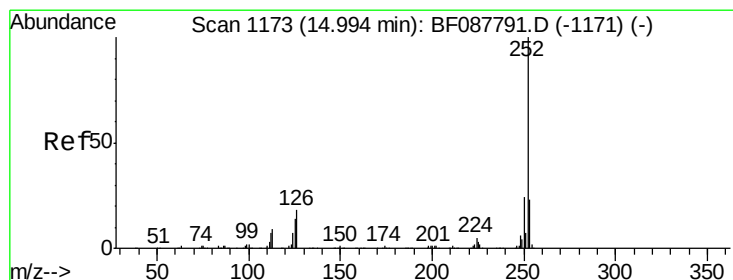
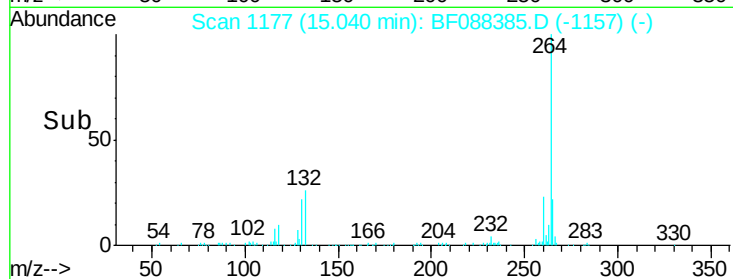
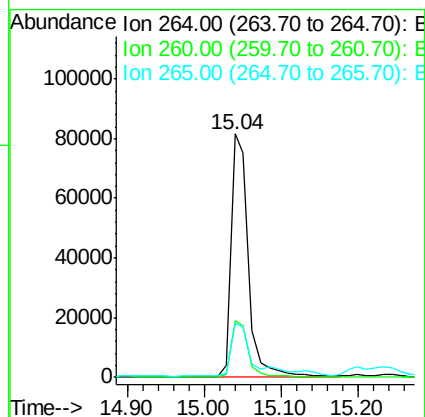
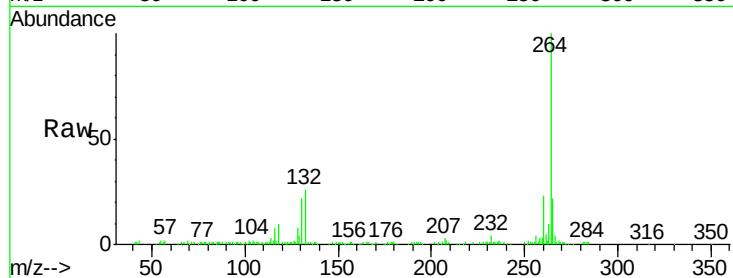


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BF088385.D
Acq: 25 Jun 2016 19:10

Instrument :
BNA_F
ClientSampleId :
SC-STA-1461(0-4)

Tgt Ion: 264 Resp: 131758

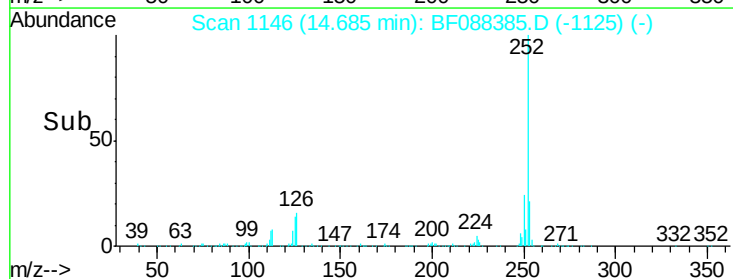
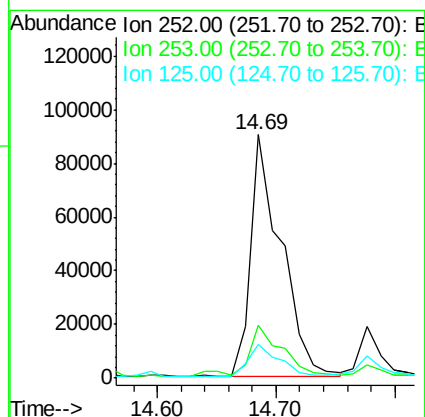
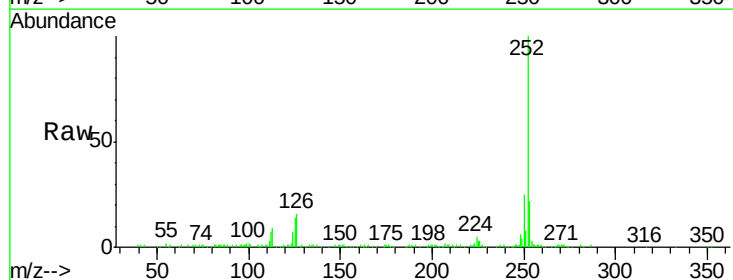
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.3	16.9	25.3

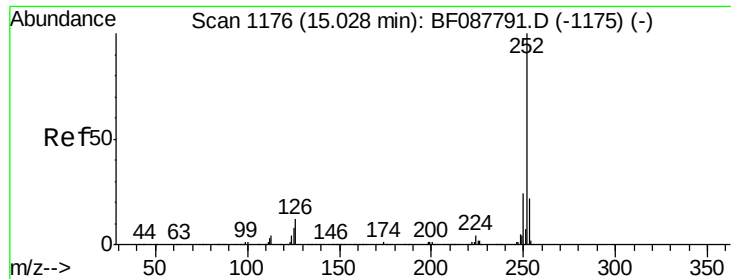


#87
Benzo(b)fluoranthene
Concen: 17.68 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.06 min
Lab File: BF088385.D
Acq: 25 Jun 2016 19:10

Tgt Ion: 252 Resp: 162363

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	14.1	7.1	10.7#

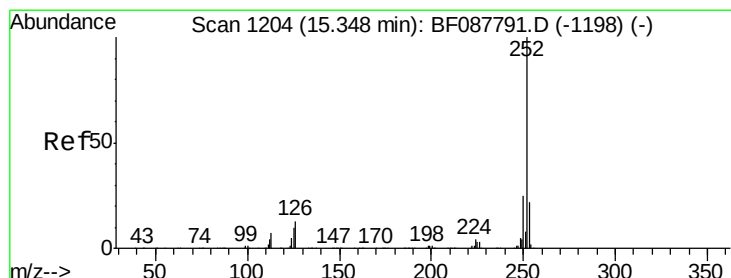
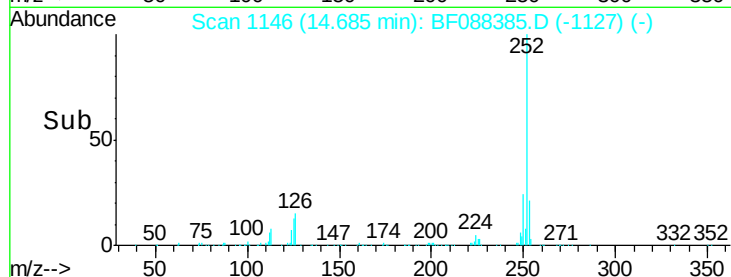
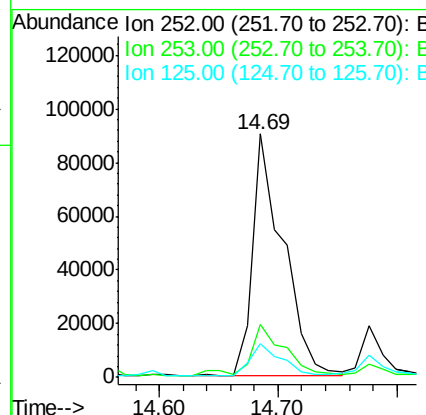
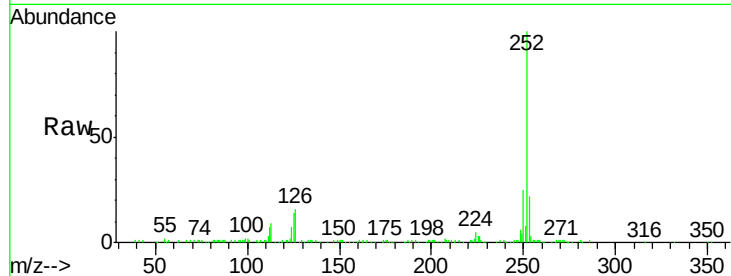




#88
Benzo(k)fluoranthene
Concen: 23.44 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.08 min
Lab File: BF088385.D
Acq: 25 Jun 2016 19:10

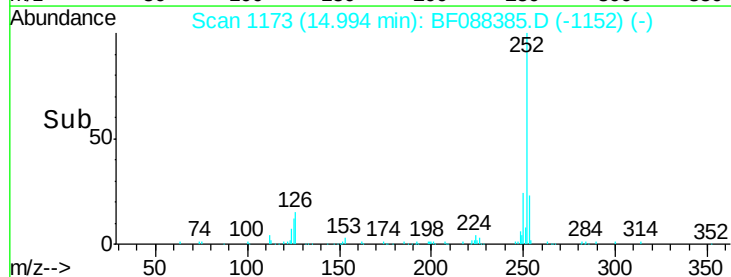
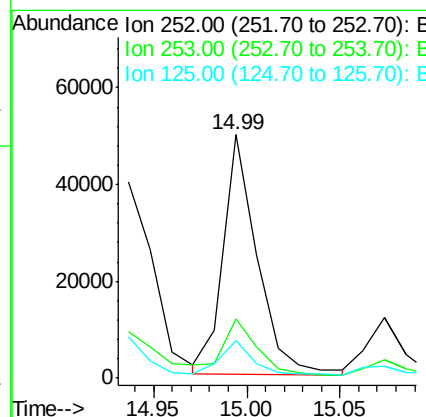
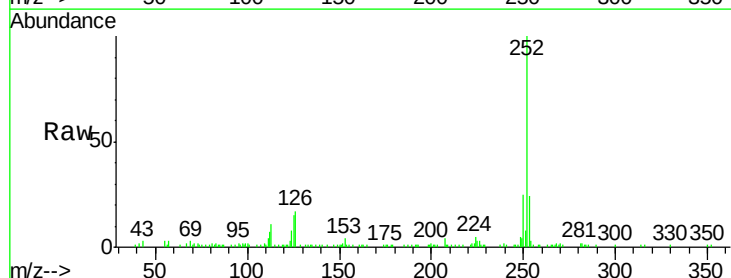
Instrument :
BNA_F
ClientSampleId :
SC-STA-1461(0-4)

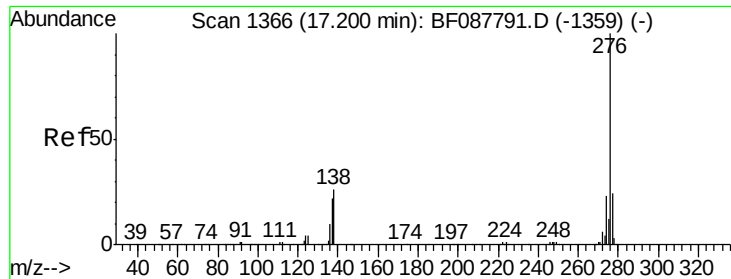
Tgt Ion:252 Resp: 162363
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 14.1 11.2 16.8



#89
Benzo(a)pyrene
Concen: 8.55 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.06 min
Lab File: BF088385.D
Acq: 25 Jun 2016 19:10

Tgt Ion:252 Resp: 63546
Ion Ratio Lower Upper
252 100
253 24.4 17.9 26.9
125 15.3 12.5 18.7





#91

Benzo(g,h,i)perylene

Concen: 4.36 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.09 min

Lab File: BF088385.D

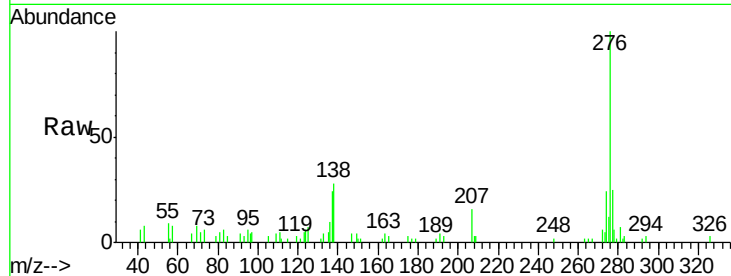
Acq: 25 Jun 2016 19:10

Instrument :

BNA_F

ClientSampleId :

SC-STA-1461(0-4)



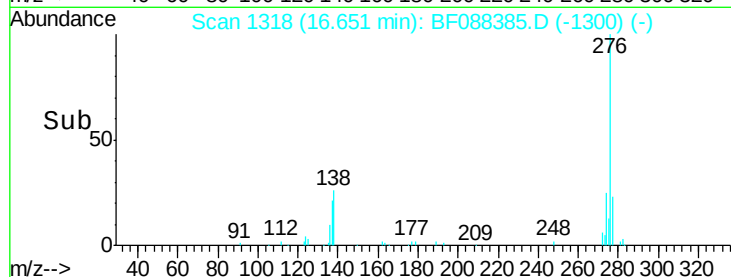
Tgt Ion: 276 Resp: 30972

Ion Ratio Lower Upper

276 100

277 25.2 18.9 28.3

138 28.0 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

