

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
 Data File : BF089010.D
 Acq On : 15 Jul 2016 3:21
 Operator : UM/SJ
 Sample : H3972-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)

Quant Time: Jul 15 03:55:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	45705	20.00	ng	-0.02
21) Naphthalene-d8	7.98	136	185349	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	71245	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	137350	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	89180	20.00	ng	-0.02
86) Perylene-d12	15.20	264	68731	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	297942	97.70	ng	0.00
7) Phenol-d6	6.34	99	365143	92.66	ng	-0.01
23) Nitrobenzene-d5	7.26	82	227681	64.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	57683	87.19	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	326004	72.28	ng	-0.02
78) Terphenyl-d14	12.79	244	261084	65.21	ng	-0.01

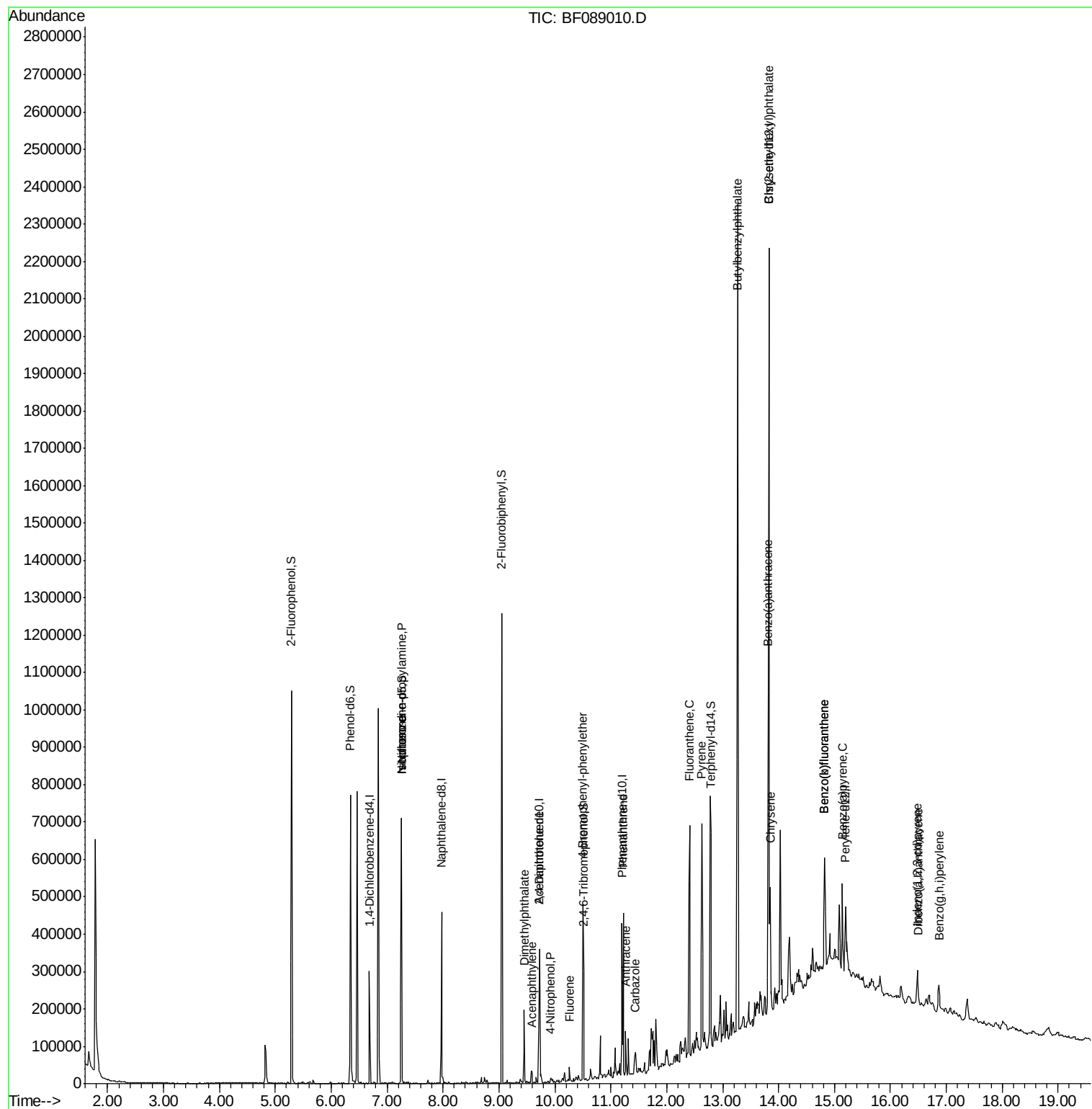
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	31192	11.78	ng	# 72
25) Isophorone	7.26	82	174723	26.67	ng	# 65
48) Acenaphthylene	9.59	152	20663	2.80	ng	98
49) Dimethylphthalate	9.45	163	84737	16.69	ng	99
55) 4-Nitrophenol	9.92	139	2183	2.01	ng	# 5
56) 2,4-Dinitrotoluene	9.72	165	9140	6.21	ng	# 36
57) Fluorene	10.26	166	10559	2.32	ng	97
66) 4-Bromophenyl-phenylether	10.50	248	4097	2.96	ng	# 1
70) Phenanthrene	11.22	178	147252	19.61	ng	97
71) Anthracene	11.27	178	42880	5.74	ng	98
72) Carbazole	11.43	167	14068	2.00	ng	97
74) Fluoranthene	12.41	202	329052	43.23	ng	93
77) Pyrene	12.63	202	275599	36.45	ng	98
79) Butylbenzylphthalate	13.27	149	831736	246.60	ng	# 74
80) Benzo(a)anthracene	13.82	228	152828	26.61	ng	96
82) Chrysene	13.85	228	96549	16.99	ng	97
83) Bis(2-ethylhexyl)phthalate	13.83	149	470466	122.18	ng	98
85) Indeno(1,2,3-cd)pyrene	16.48	276	52088	11.92	ng	# 100
87) Benzo(b)fluoranthene	14.82	252	184349	42.76	ng	# 94
88) Benzo(k)fluoranthene	14.82	252	184349	49.12	ng	99
89) Benzo(a)pyrene	15.14	252	90260	24.73	ng	98
90) Dibenzo(a,h)anthracene	16.49	278	18269	5.99	ng	# 83
91) Benzo(g,h,i)perylene	16.87	276	51817	16.43	ng	96

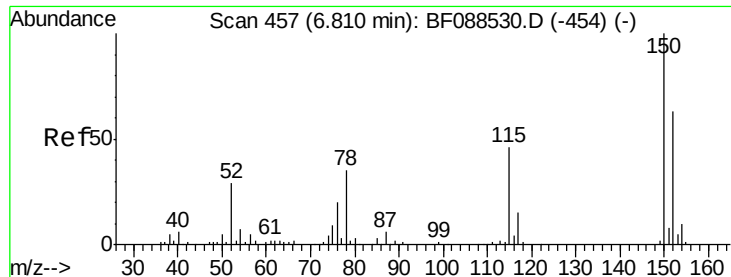
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)

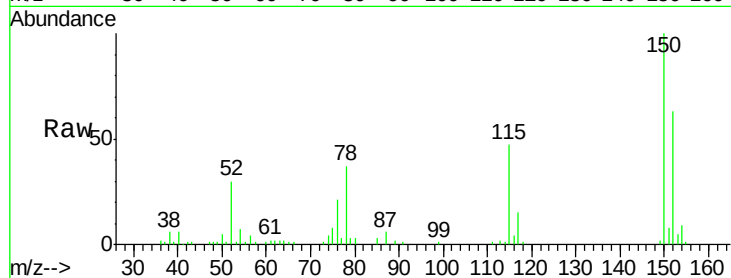
Tgt Ion:152 Resp: 45705

Ion Ratio Lower Upper

152 100

150 159.3 123.8 185.6

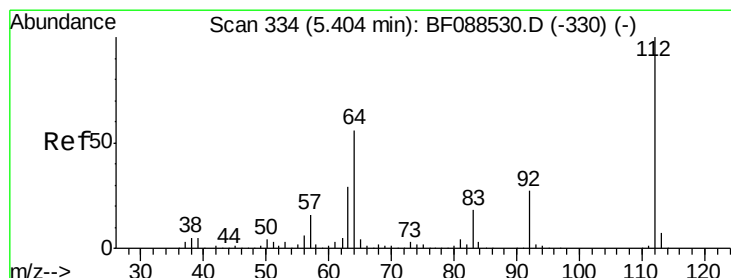
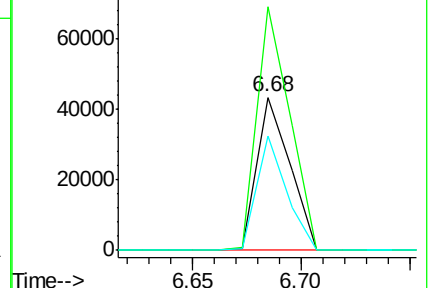
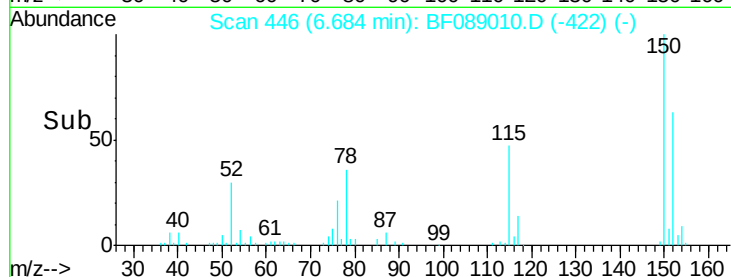
115 74.8 39.6 59.4#



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: 97.70 ng

RT: 5.29 min Scan# 324

Delta R.T. -0.00 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

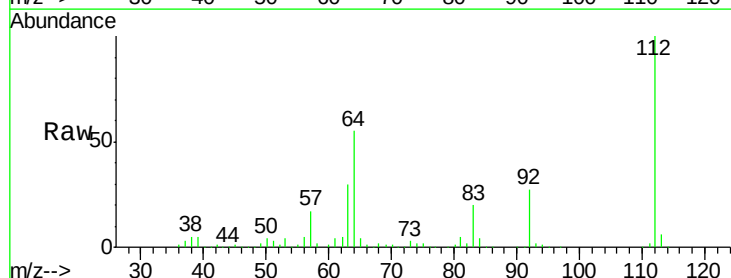
Tgt Ion:112 Resp: 297942

Ion Ratio Lower Upper

112 100

64 55.1 42.2 63.2

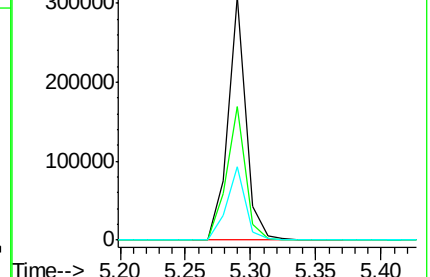
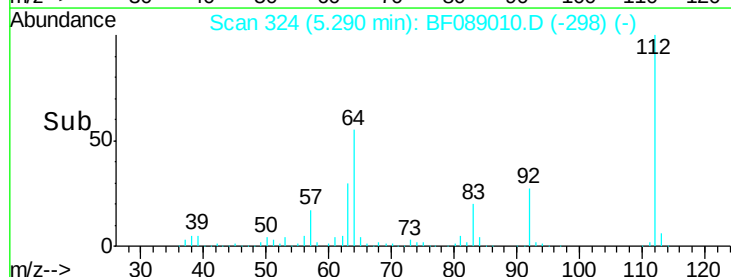
63 29.9 21.8 32.8

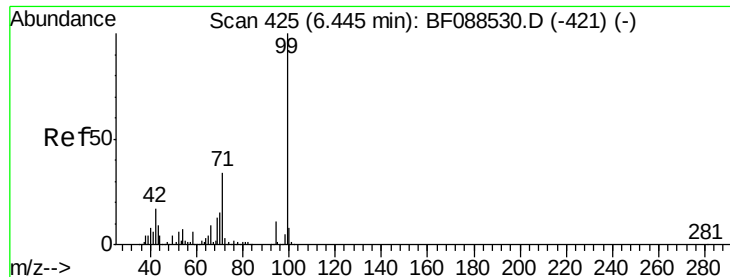


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.66 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)

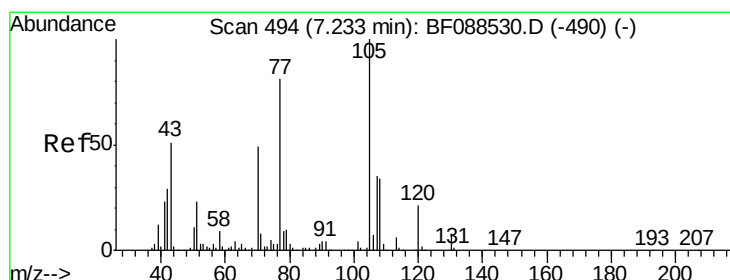
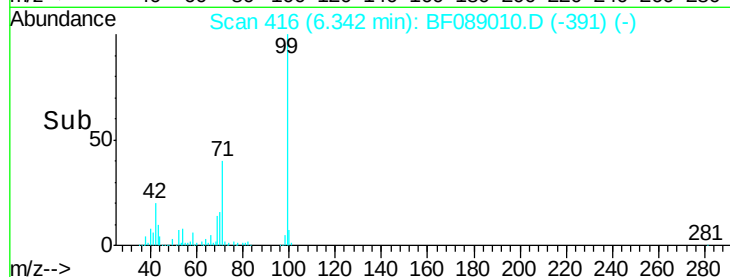
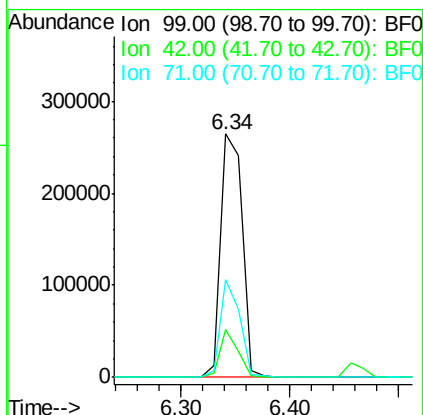
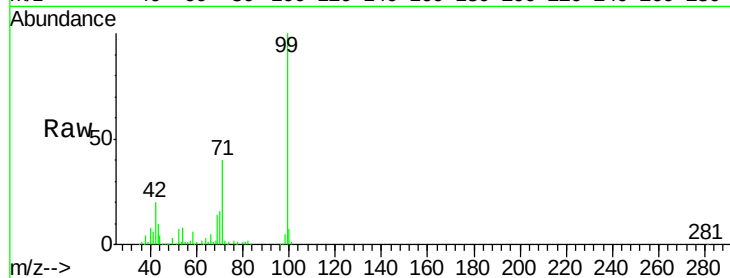
Tgt Ion: 99 Resp: 365143

Ion Ratio Lower Upper

99 100

42 19.7 12.2 18.2#

71 40.0 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 11.78 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.11 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

Tgt Ion: 70 Resp: 31192

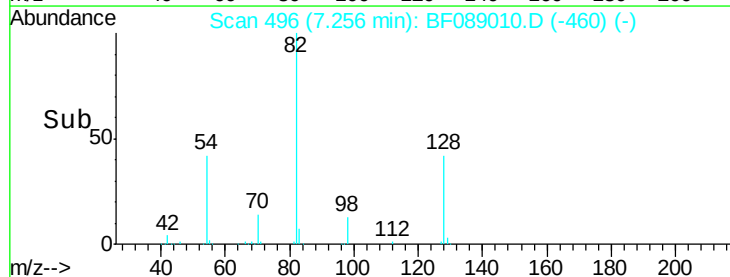
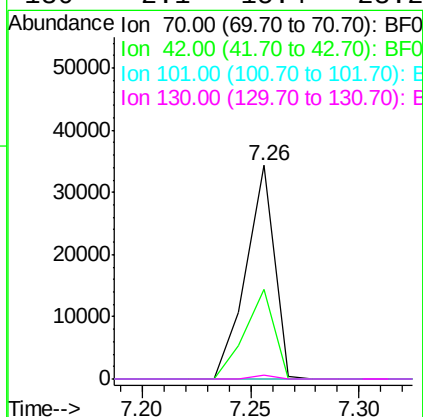
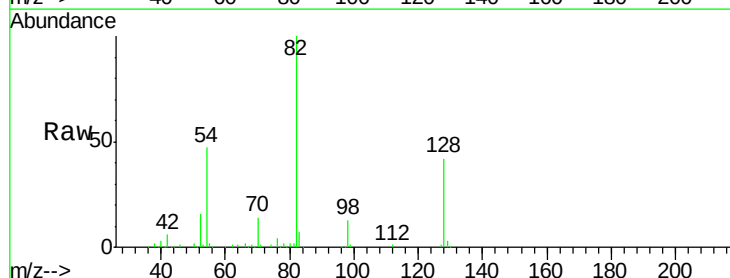
Ion Ratio Lower Upper

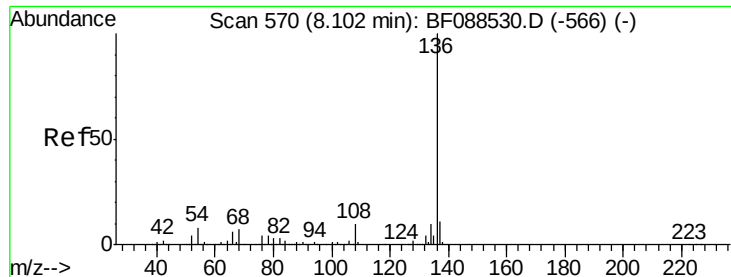
70 100

42 42.0 49.6 74.4#

101 0.0 7.1 10.7#

130 2.1 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

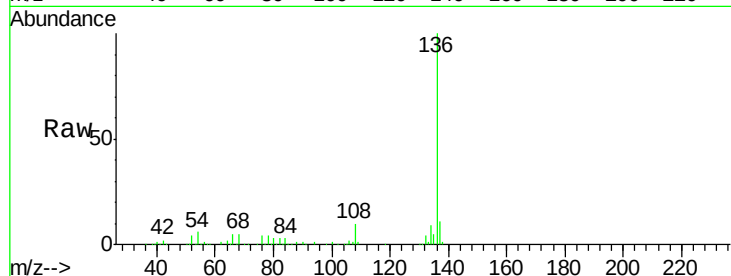
Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)

Tgt Ion:	136	Resp:	185349
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.5	6.6	10.0#
68	5.2	5.1	7.7

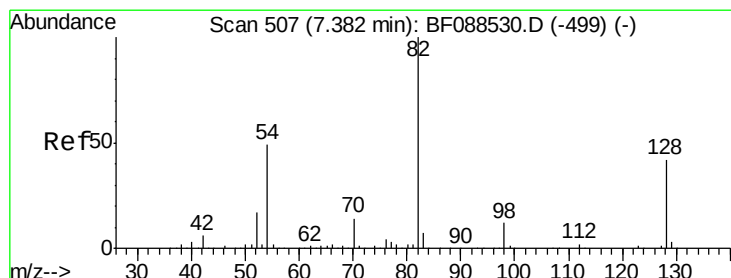
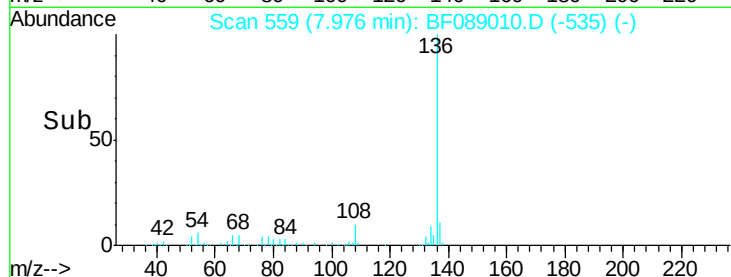
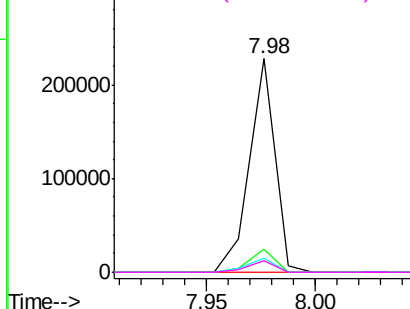


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.37 ng

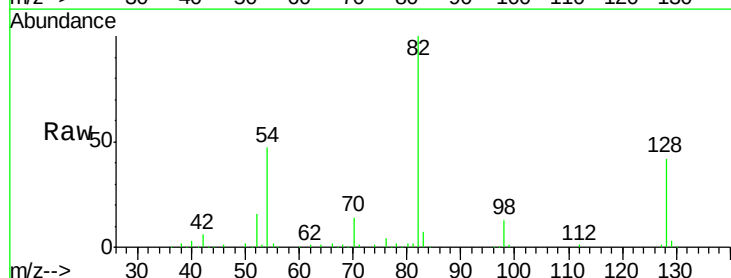
RT: 7.26 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

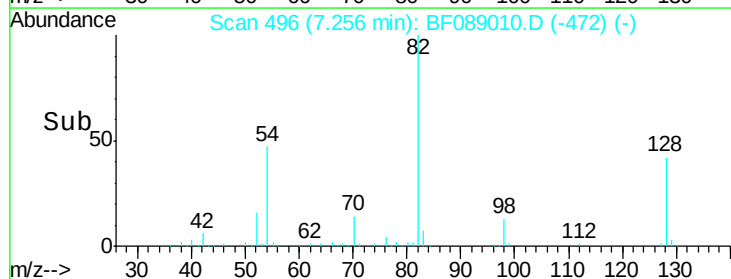
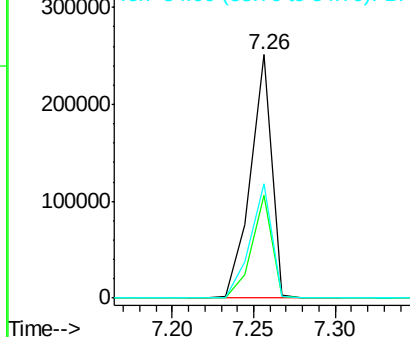
Tgt Ion:	82	Resp:	227681
Ion	Ratio	Lower	Upper
82	100		
128	42.0	35.9	53.9
54	46.7	40.9	61.3

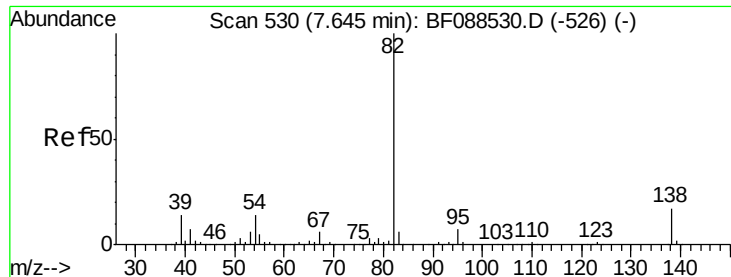


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 26.67 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.29 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)

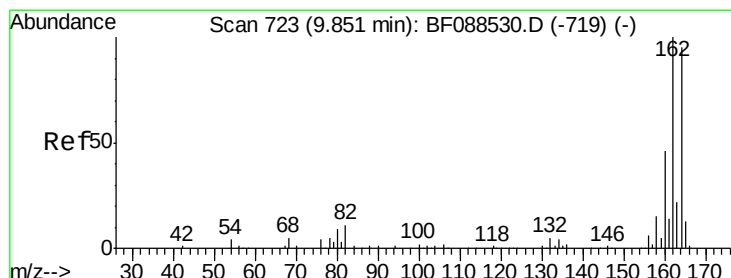
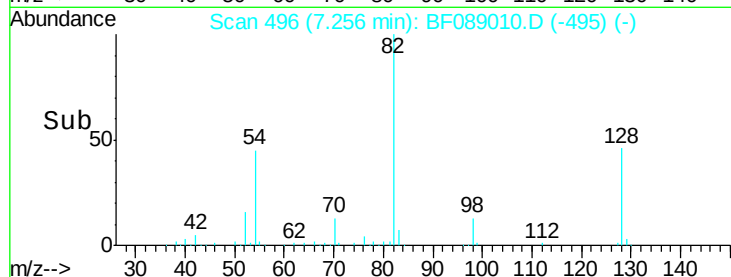
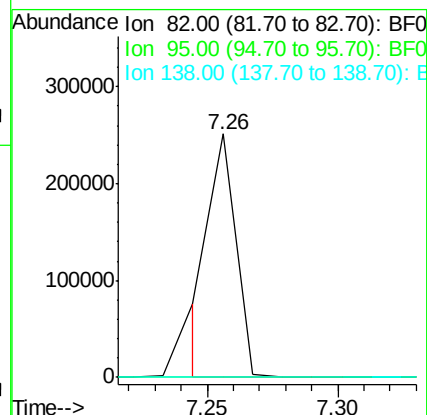
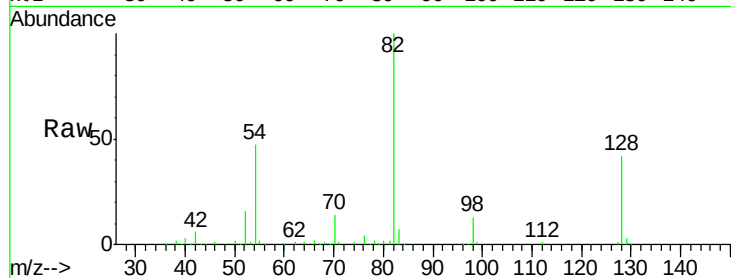
Tgt Ion: 82 Resp: 174723

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

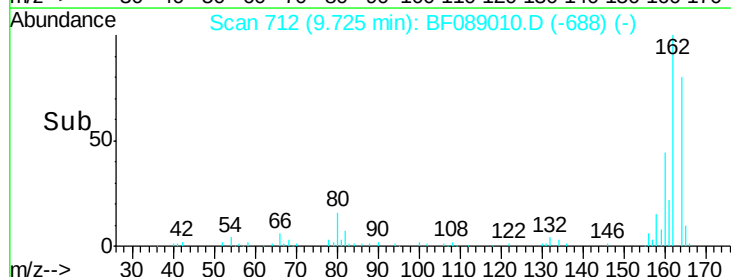
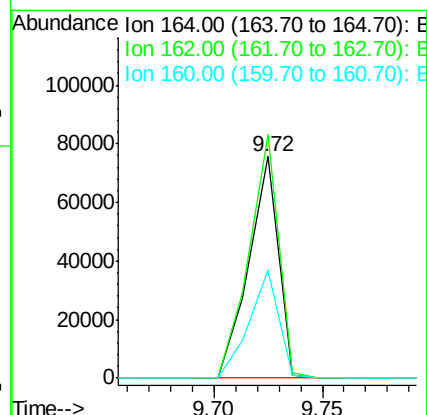
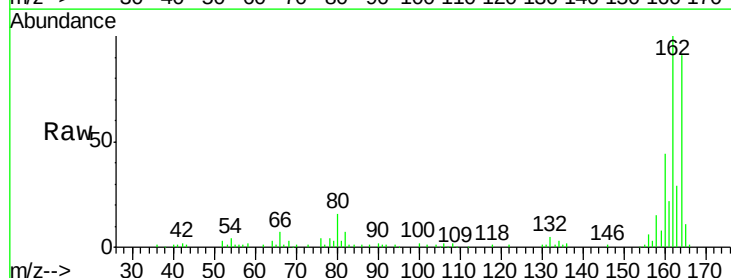
Tgt Ion: 164 Resp: 71245

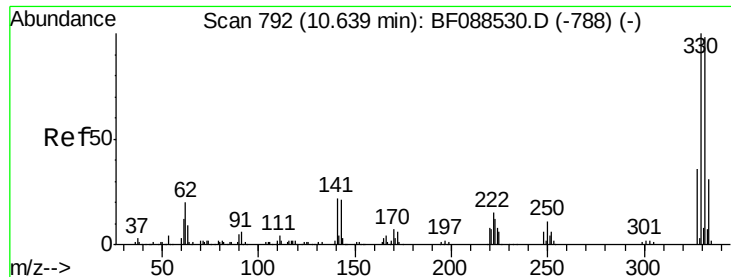
Ion Ratio Lower Upper

164 100

162 109.9 85.4 128.2

160 48.7 39.5 59.3

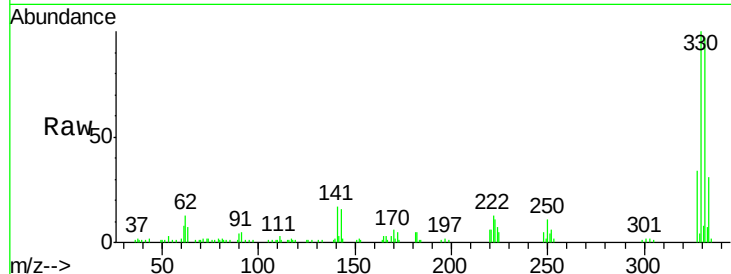




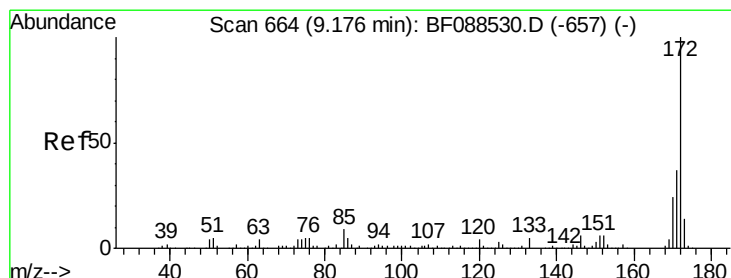
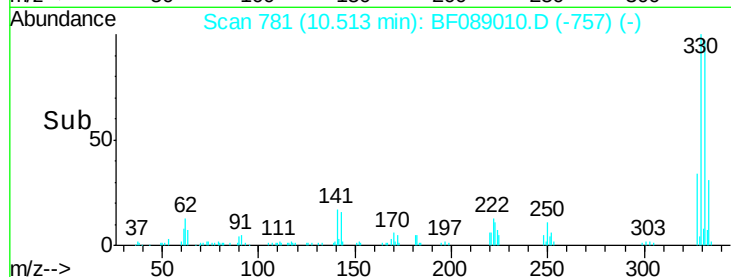
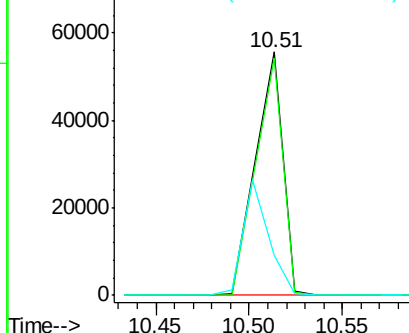
#41
 2,4,6-Tribromophenol
 Concen: 87.19 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF089010.D
 Acq: 15 Jul 2016 3:21

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	44.5	0.0	0.0#

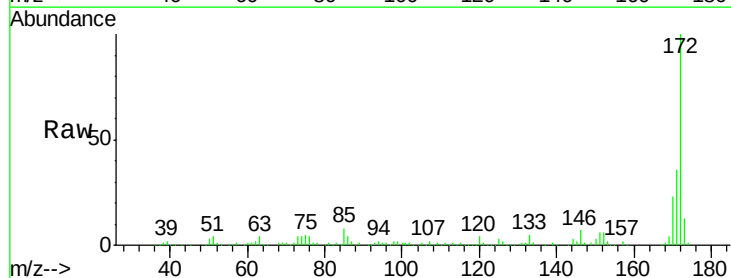


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

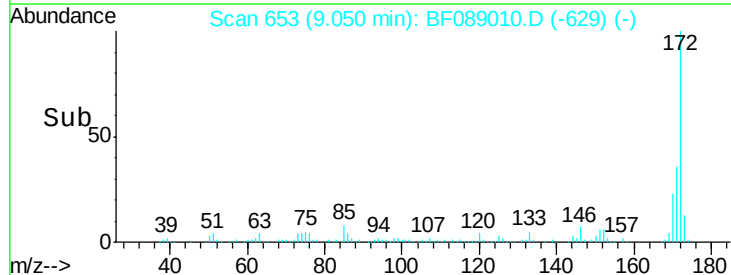
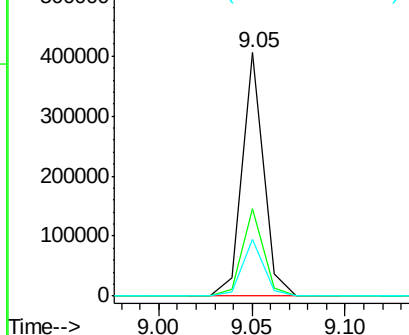


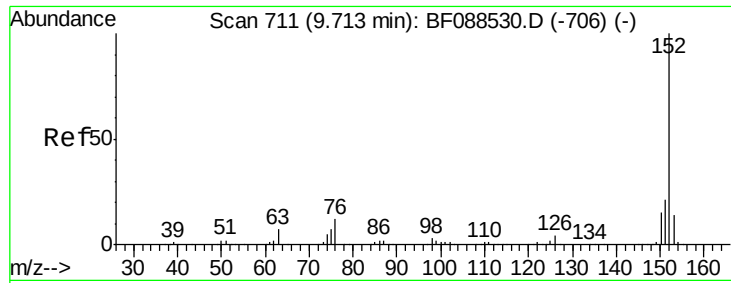
#44
 2-Fluorobiphenyl
 Concen: 72.28 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF089010.D
 Acq: 15 Jul 2016 3:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.4	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





#48

Acenaphthylene

Concen: 2.80 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)

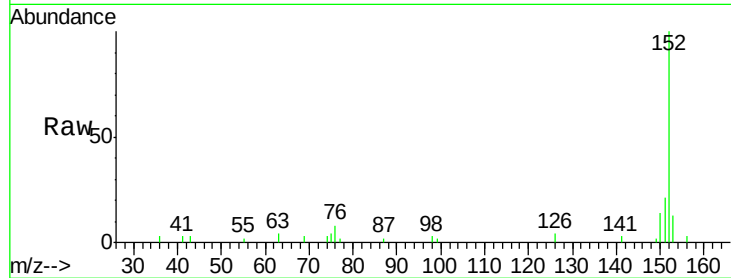
Tgt Ion:152 Resp: 20663

Ion Ratio Lower Upper

152 100

151 21.5 16.2 24.4

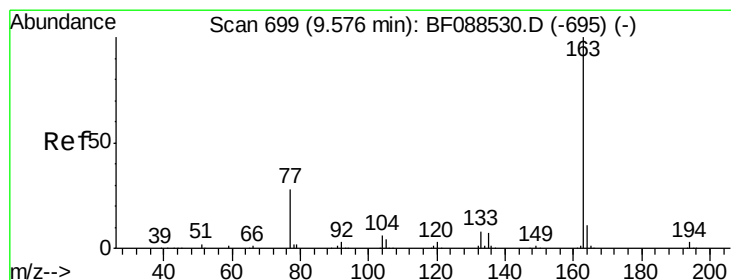
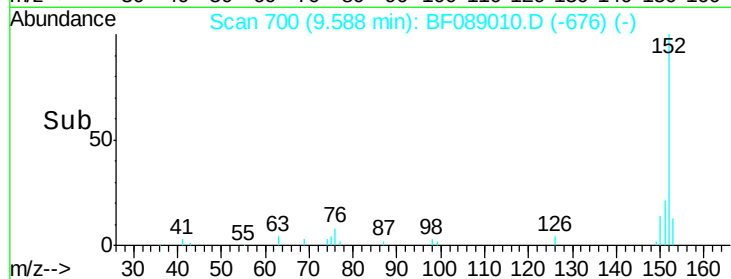
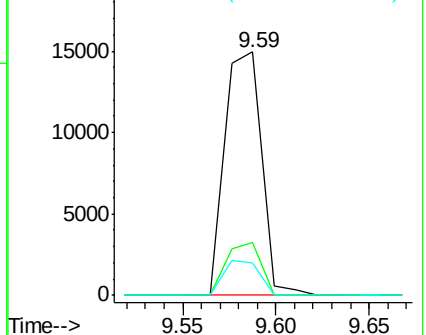
153 13.4 11.0 16.6



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: 16.69 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

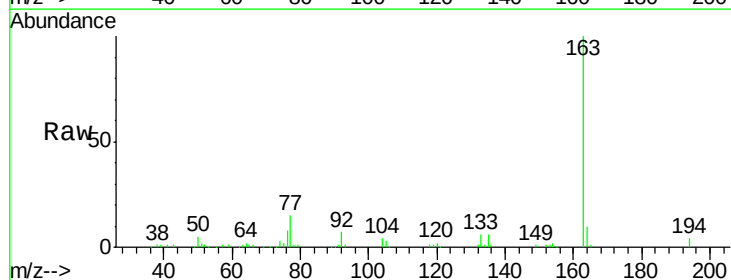
Tgt Ion:163 Resp: 84737

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

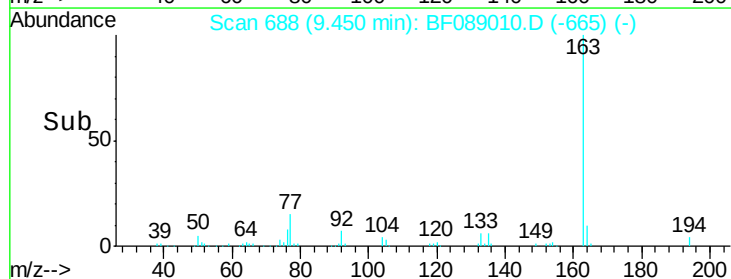
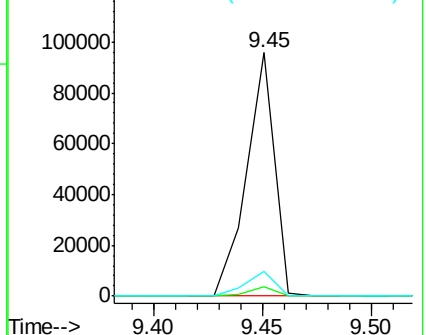
164 10.0 8.3 12.5

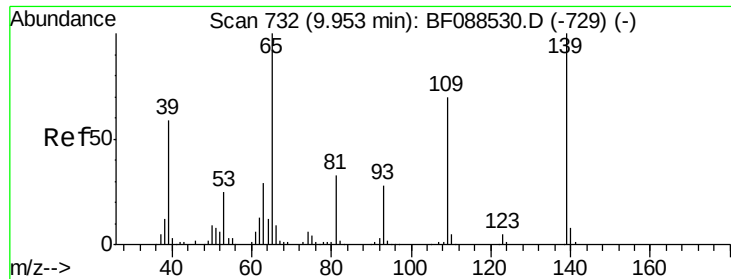


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#55

4-Nitrophenol

Concen: 2.01 ng

RT: 9.92 min Scan# 729

Delta R.T. 0.05 min

Lab File: BF089010.D

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Instrument :

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LSS-SS-SS04(0-2in)

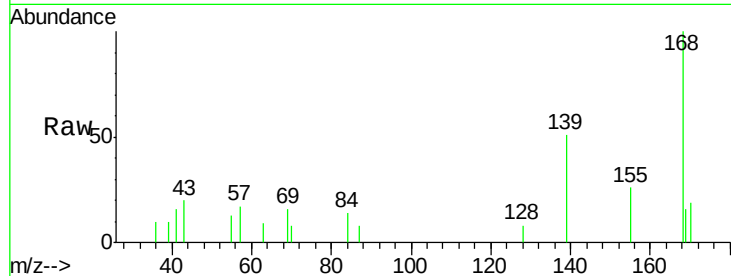
Tgt Ion:139 Resp: 2183

Ion Ratio Lower Upper

139 100

109 0.0 48.9 88.9#

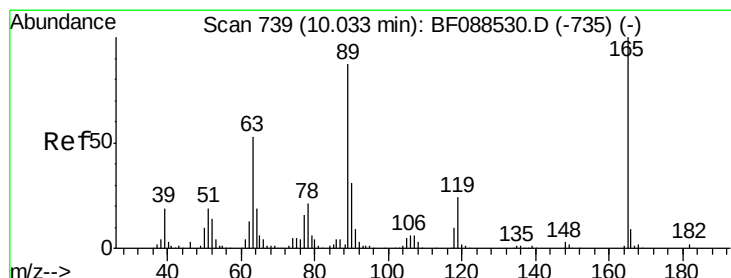
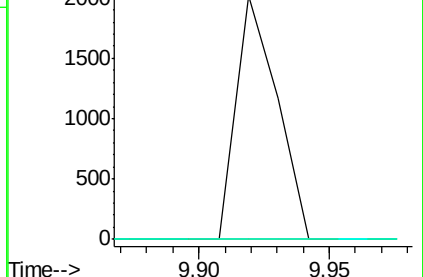
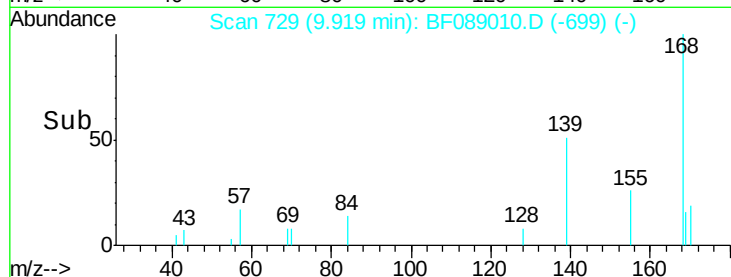
65 0.0 84.9 124.9#



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



#56

2,4-Dinitrotoluene

Concen: 6.21 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.22 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

Tgt Ion:165 Resp: 9140

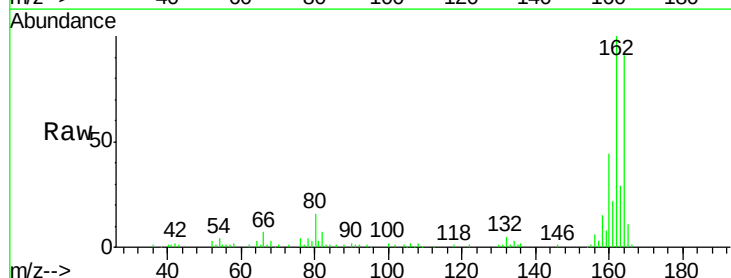
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

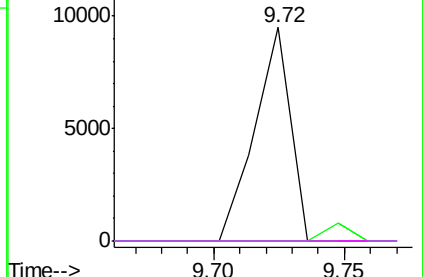
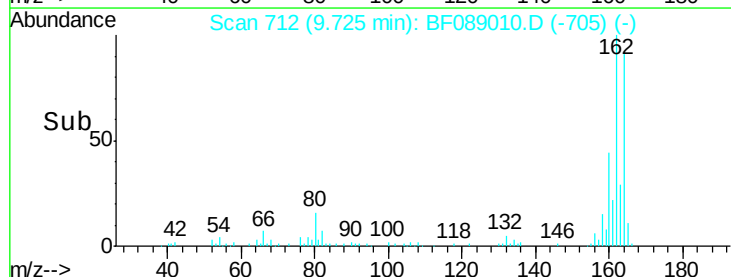


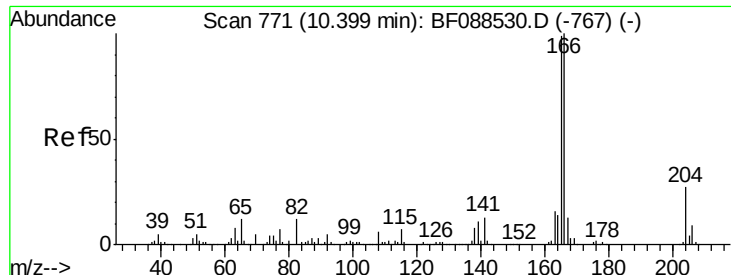
Abundance Ion 165.00 (164.70 to 165.70): E

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

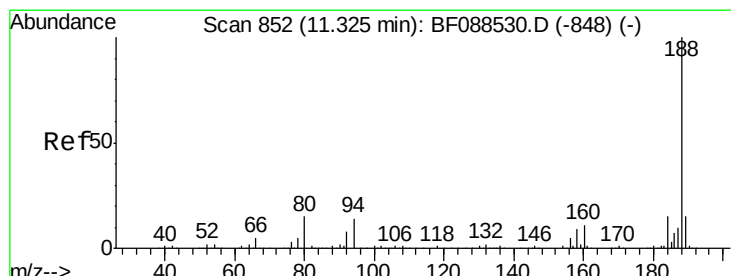
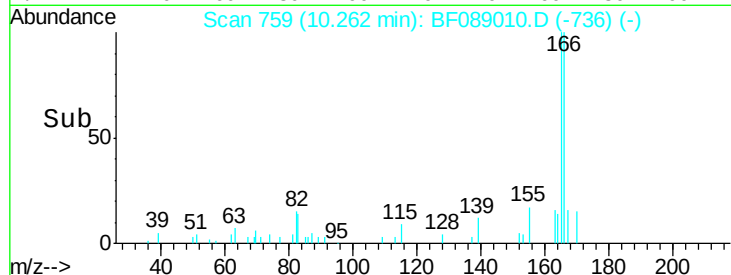
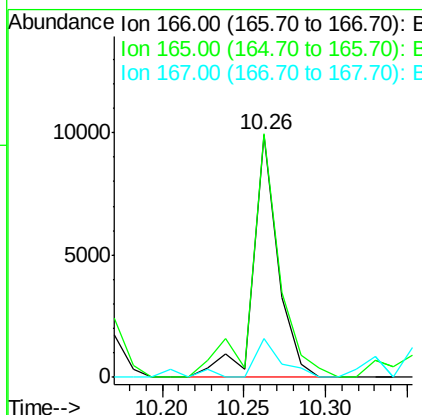
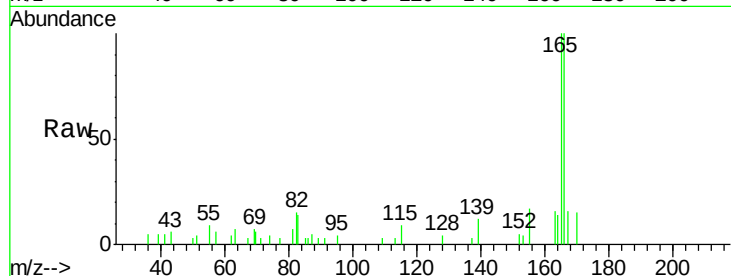




#57
 Fluorene
 Concen: 2.32 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.03 min
 Lab File: BF089010.D
 Acq: 15 Jul 2016 3:21

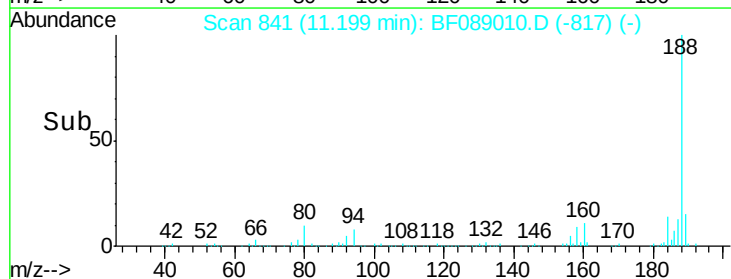
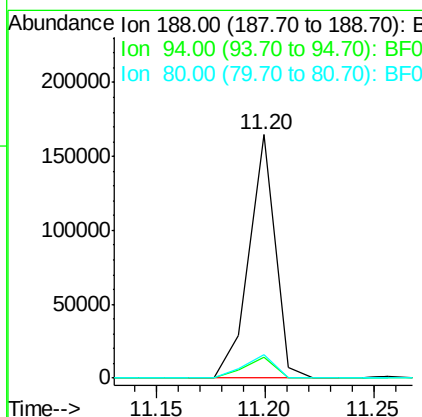
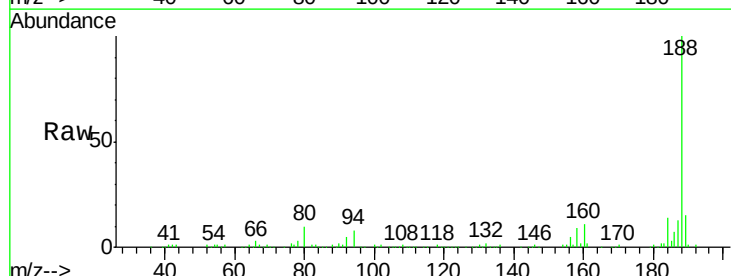
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)

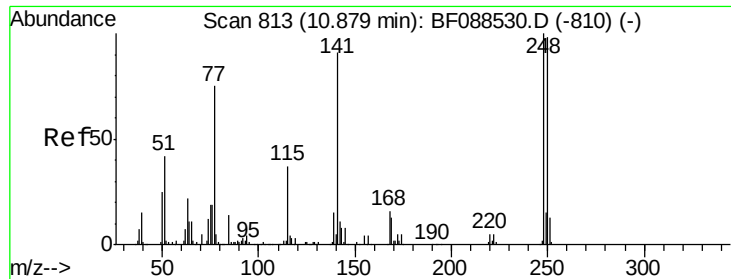
Tgt Ion:166 Resp: 10559
 Ion Ratio Lower Upper
 166 100
 165 100.3 77.8 116.8
 167 16.1 11.2 16.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF089010.D
 Acq: 15 Jul 2016 3:21

Tgt Ion:188 Resp: 137350
 Ion Ratio Lower Upper
 188 100
 94 8.4 9.0 13.6#
 80 9.7 10.0 15.0#

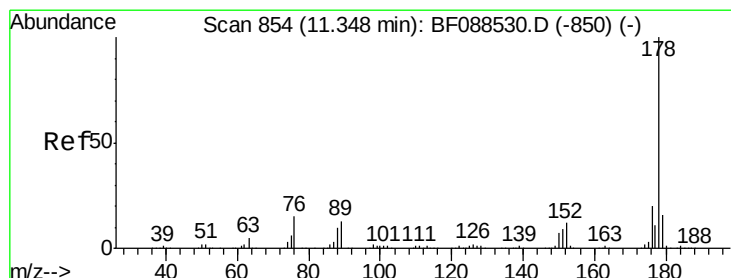
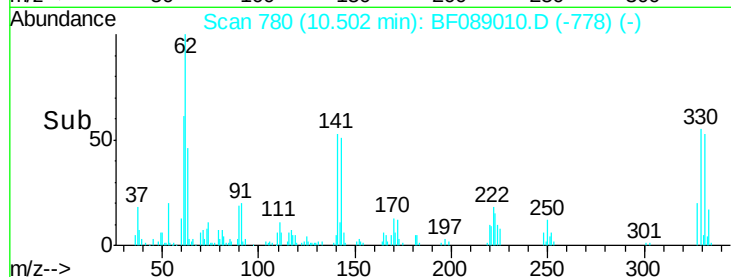
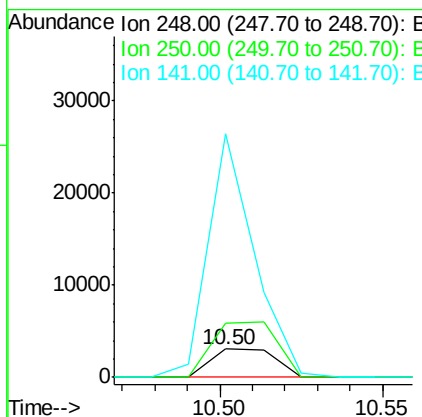
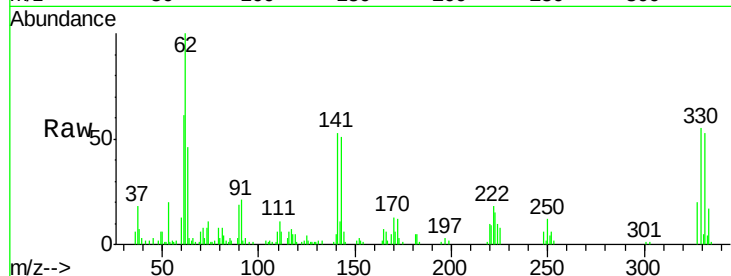




#66
 4-Bromophenyl-phenylether
 Concen: 2.96 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.27 min
 Lab File: BF089010.D
 Acq: 15 Jul 2016 3:21

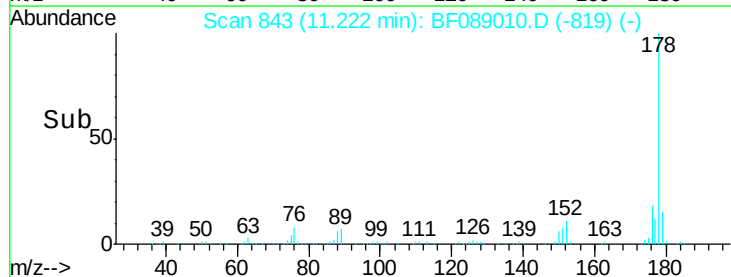
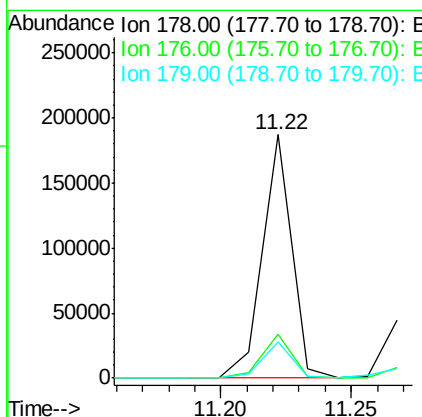
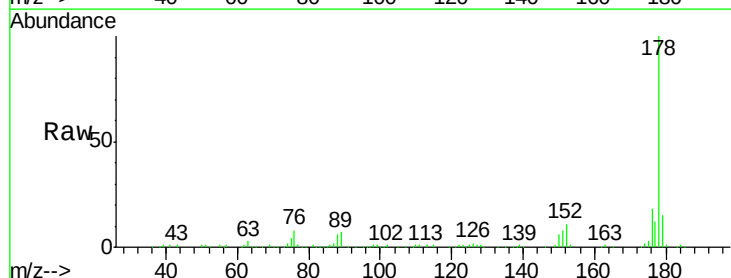
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)

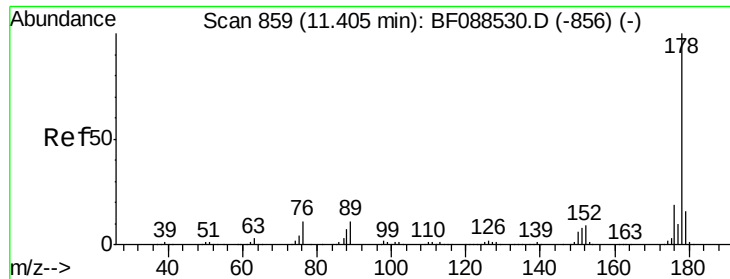
Tgt Ion:248 Resp: 4097
 Ion Ratio Lower Upper
 248 100
 250 191.6 77.1 115.7#
 141 860.4 50.6 76.0#



#70
 Phenanthrene
 Concen: 19.61 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF089010.D
 Acq: 15 Jul 2016 3:21

Tgt Ion:178 Resp: 147252
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.8 23.6
 179 15.0 13.0 19.4





#71

Anthracene

Concen: 5.74 ng

RT: 11.27 min Scan# 847

Delta R.T. -0.03 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)

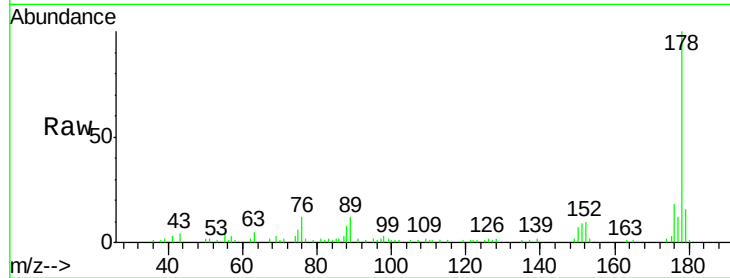
Tgt Ion:178 Resp: 42880

Ion Ratio Lower Upper

178 100

176 18.2 15.6 23.4

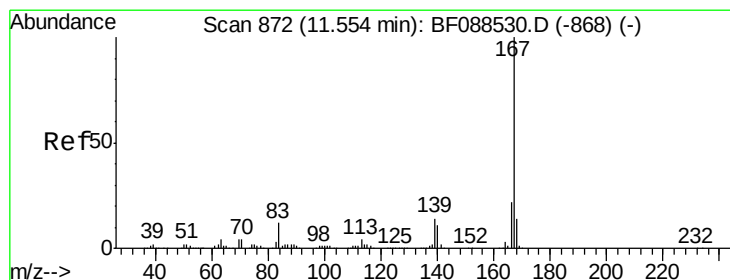
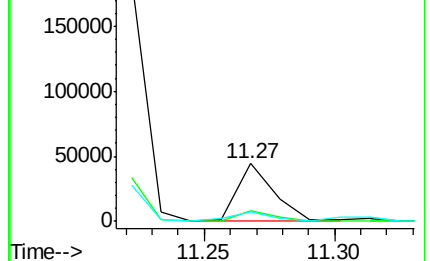
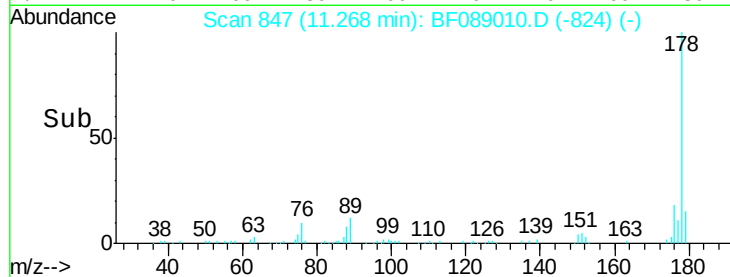
179 16.2 12.8 19.2



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: 2.00 ng

RT: 11.43 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

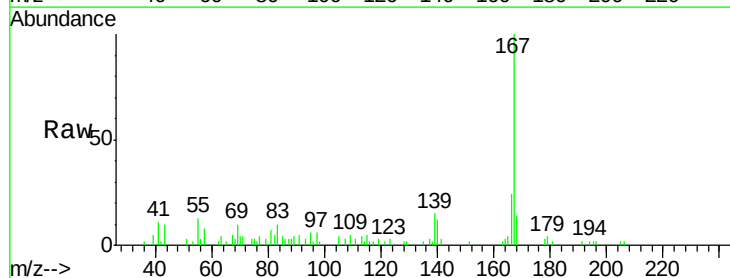
Tgt Ion:167 Resp: 14068

Ion Ratio Lower Upper

167 100

166 23.7 17.8 26.6

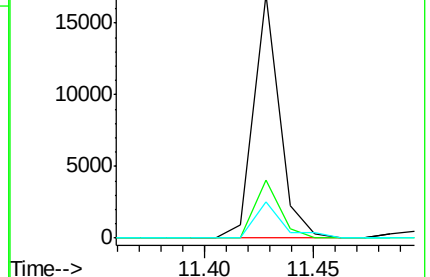
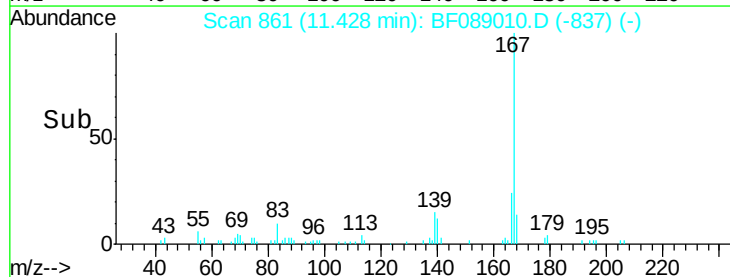
139 14.7 11.2 16.8

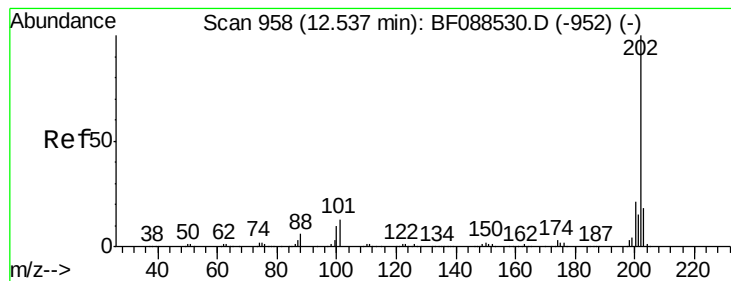


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 43.23 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)

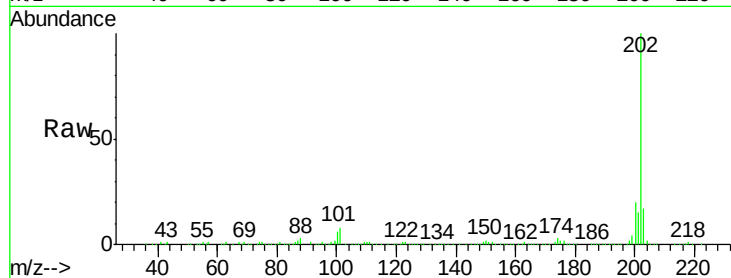
Tgt Ion: 202 Resp: 329052

Ion Ratio Lower Upper

202 100

101 7.5 0.0 33.1

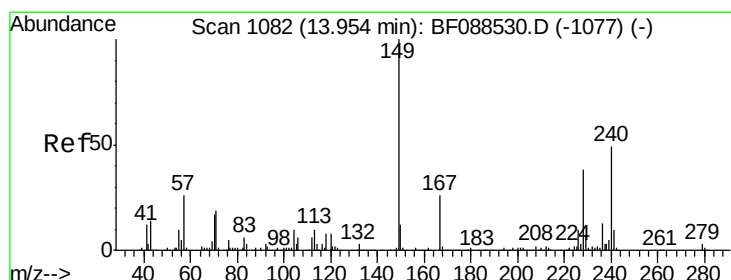
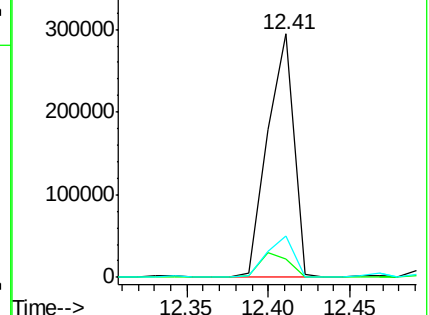
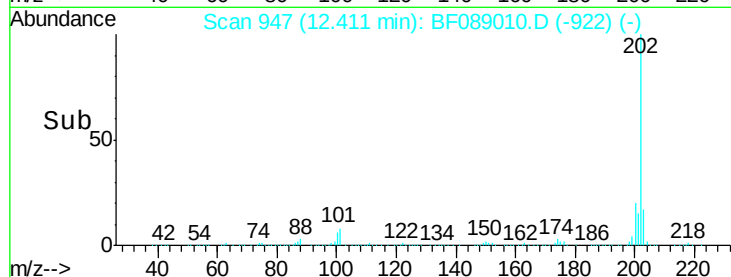
203 17.2 0.0 38.1



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: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

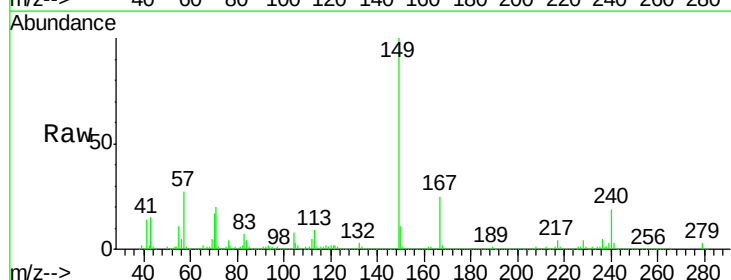
Tgt Ion: 240 Resp: 89180

Ion Ratio Lower Upper

240 100

120 10.9 6.8 10.2#

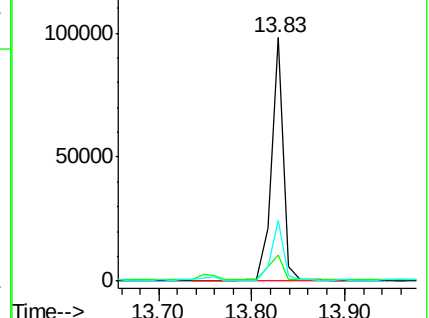
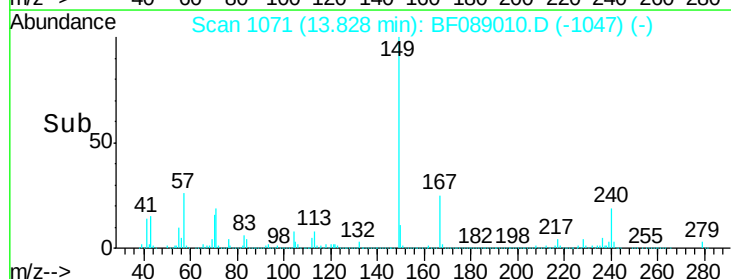
236 24.8 20.2 30.2

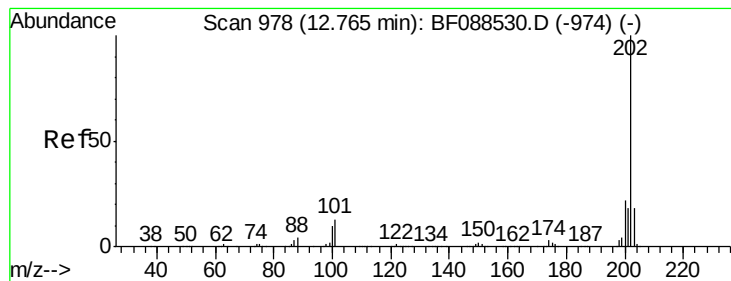


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 36.45 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)

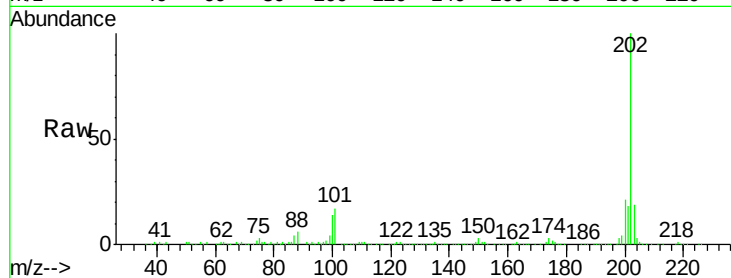
Tgt Ion:202 Resp: 275599

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

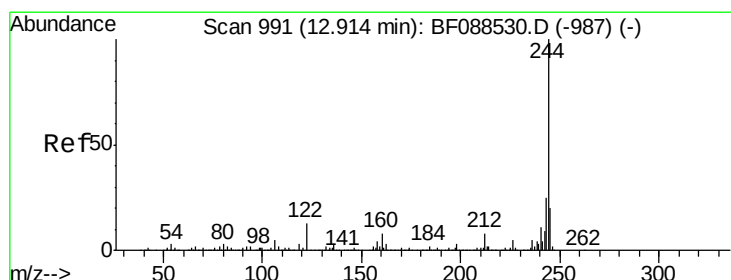
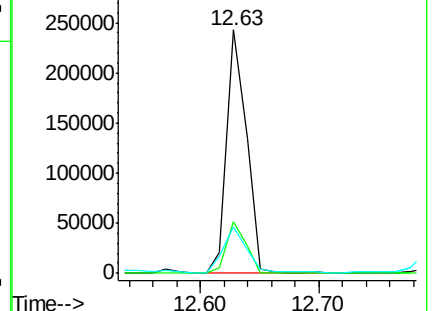
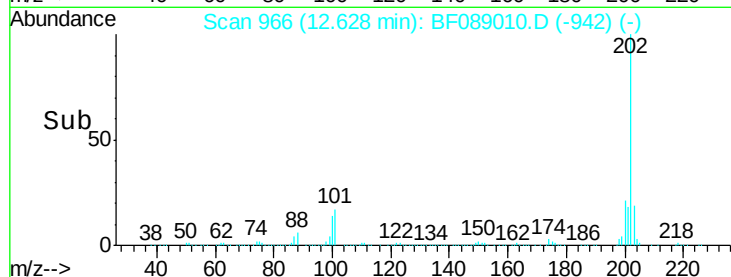
203 19.1 14.5 21.7



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: 65.21 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

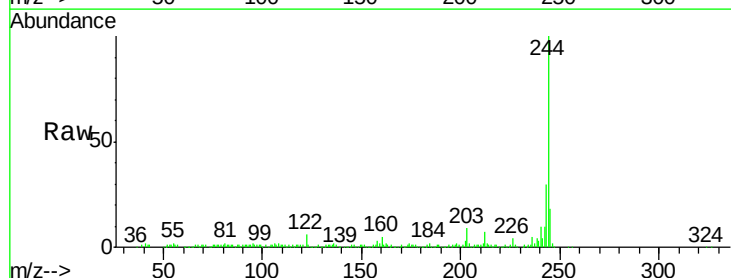
Tgt Ion:244 Resp: 261084

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

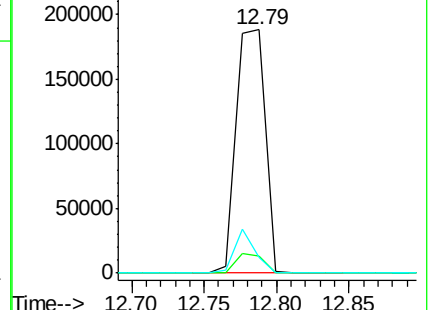
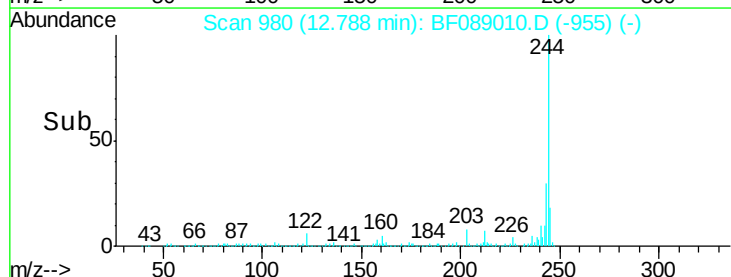
122 6.4 11.2 16.8#

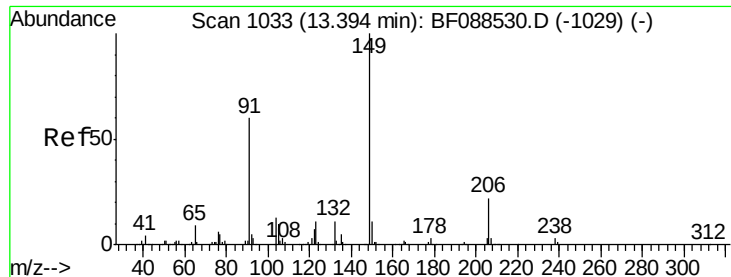


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 246.60 ng

RT: 13.27 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)

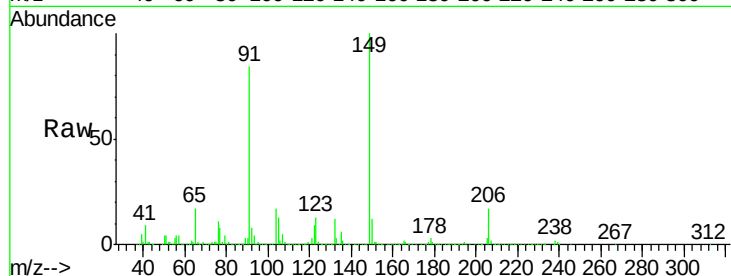
Tgt Ion:149 Resp: 831736

Ion Ratio Lower Upper

149 100

91 84.4 48.0 72.0#

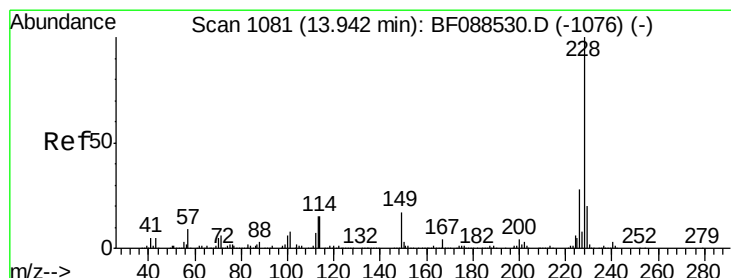
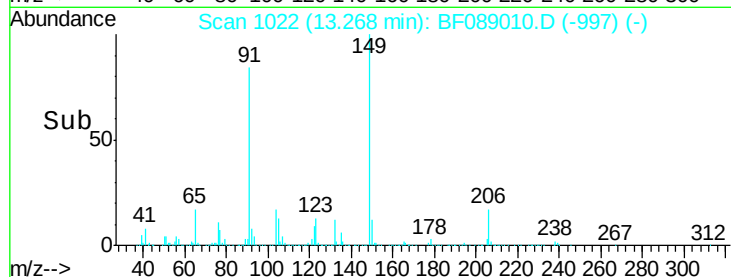
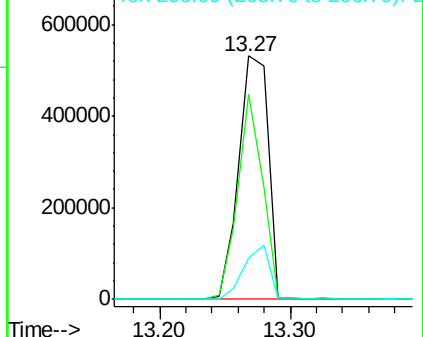
206 17.0 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 26.61 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

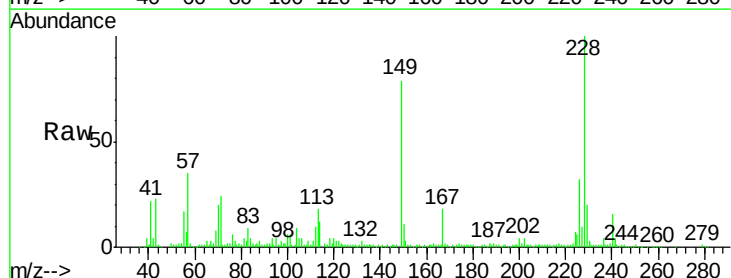
Tgt Ion:228 Resp: 152828

Ion Ratio Lower Upper

228 100

226 31.7 22.3 33.5

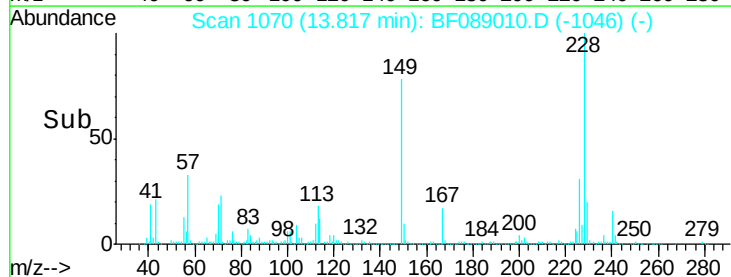
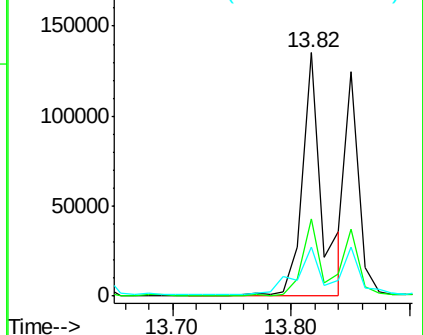
229 20.2 16.0 24.0

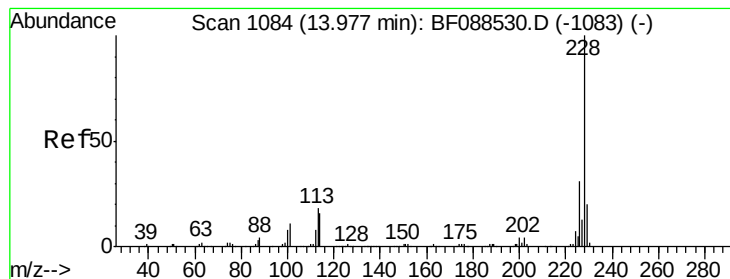


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 16.99 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)

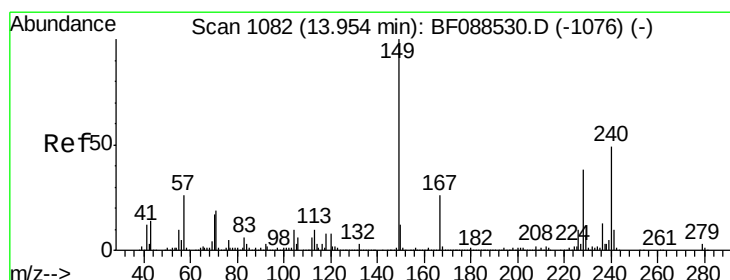
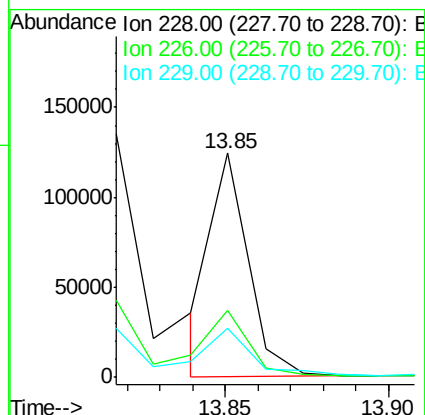
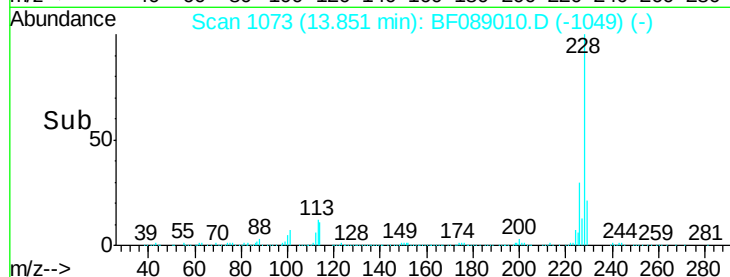
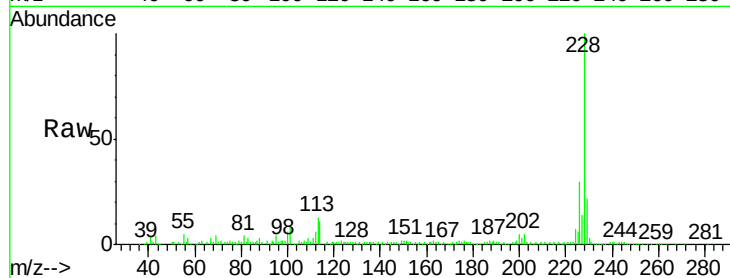
Tgt Ion:228 Resp: 96549

Ion Ratio Lower Upper

228 100

226 30.0 25.4 38.2

229 22.0 16.3 24.5



#83

Bis(2-ethylhexyl)phthalate

Concen: 122.18 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

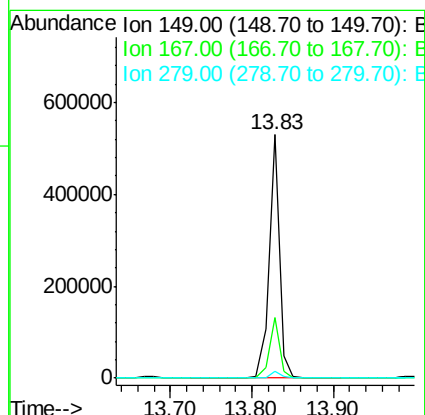
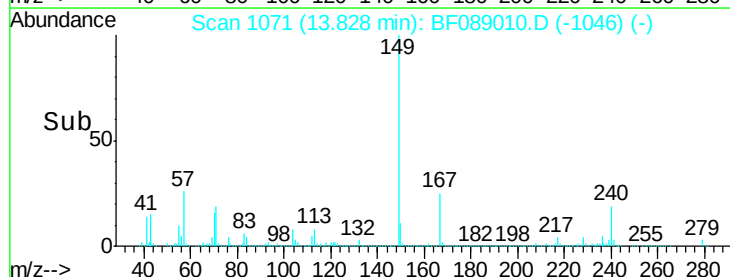
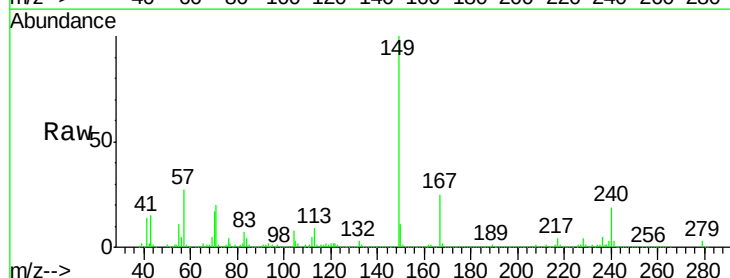
Tgt Ion:149 Resp: 470466

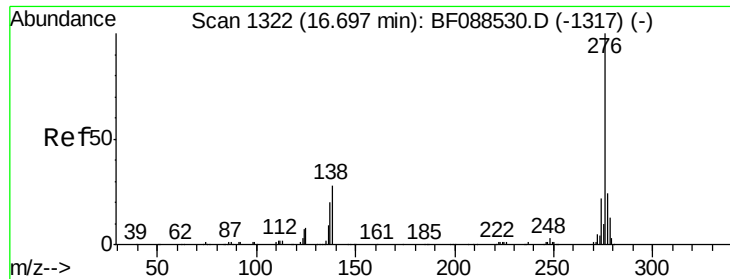
Ion Ratio Lower Upper

149 100

167 24.7 20.5 30.7

279 2.6 2.0 3.0

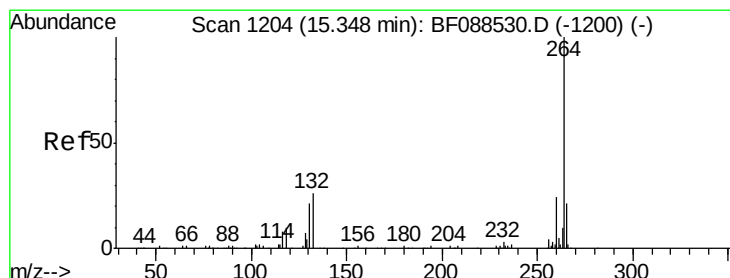
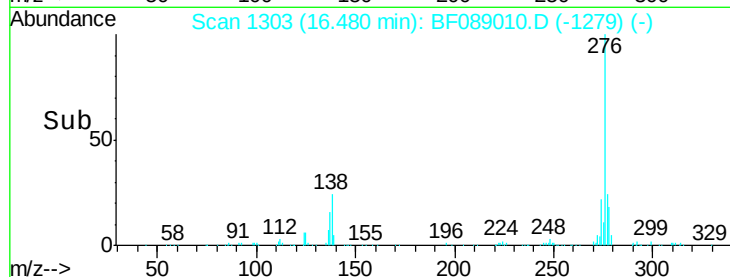
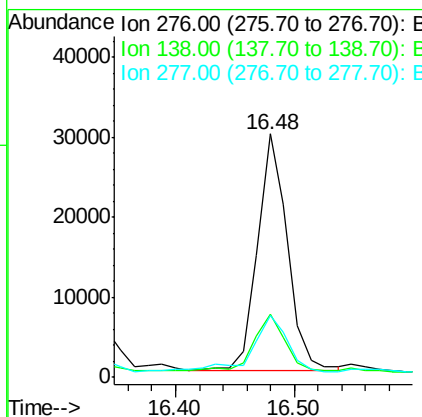
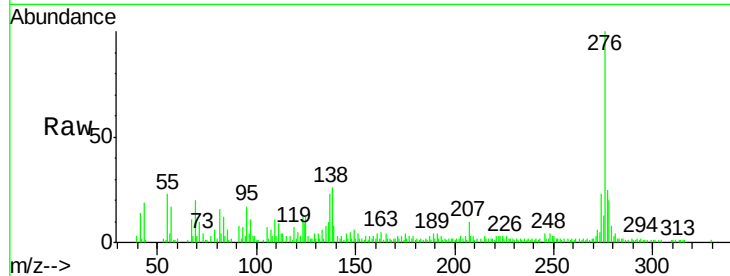




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 11.92 ng
 RT: 16.48 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF089010.D
 Acq: 15 Jul 2016 3:21

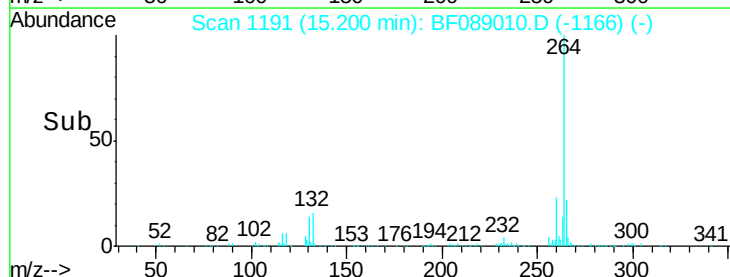
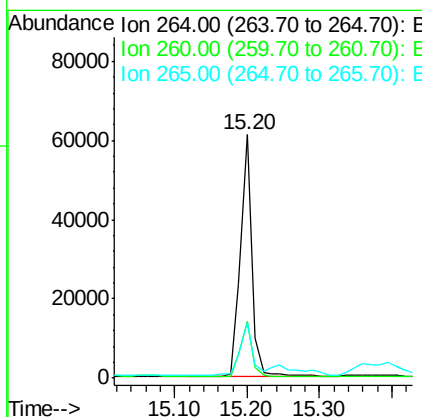
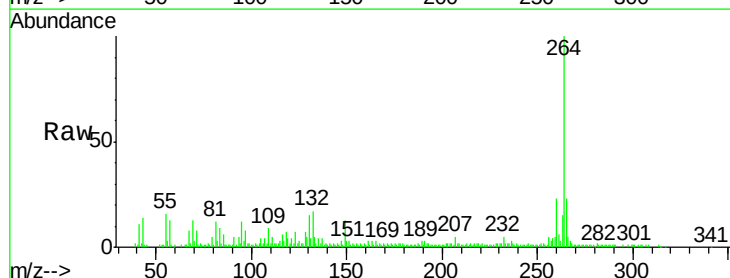
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)

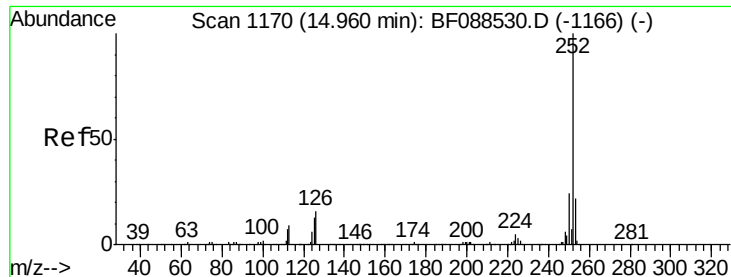
Tgt Ion:276 Resp: 52088
 Ion Ratio Lower Upper
 276 100
 138 26.2 0.0 0.0#
 277 29.1 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF089010.D
 Acq: 15 Jul 2016 3:21

Tgt Ion:264 Resp: 68731
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 22.8 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 42.76 ng

RT: 14.82 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

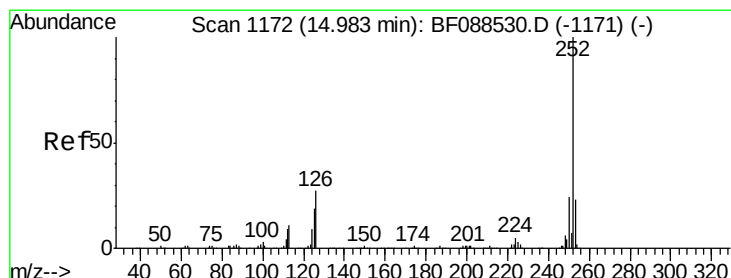
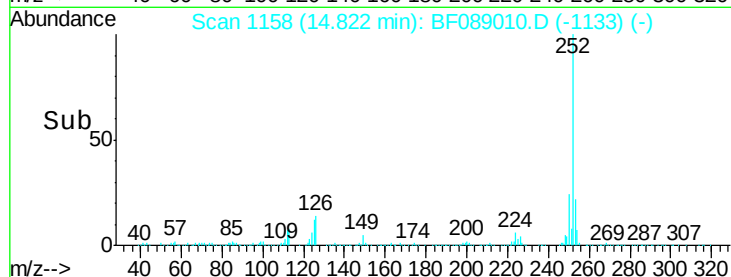
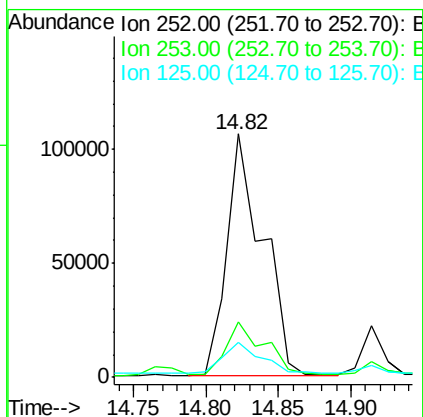
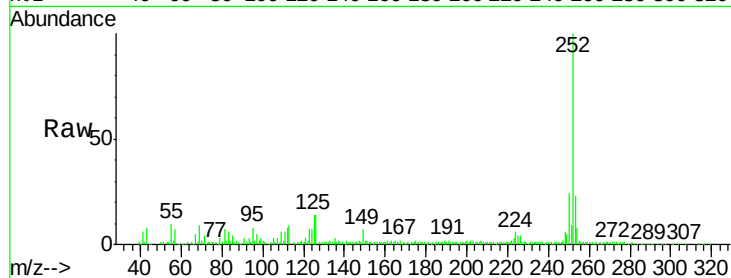
Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)

Tgt Ion:	252	Resp:	184349
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.4	26.2
125	14.4	7.1	10.7#



#88

Benzo(k)fluoranthene

Concen: 49.12 ng

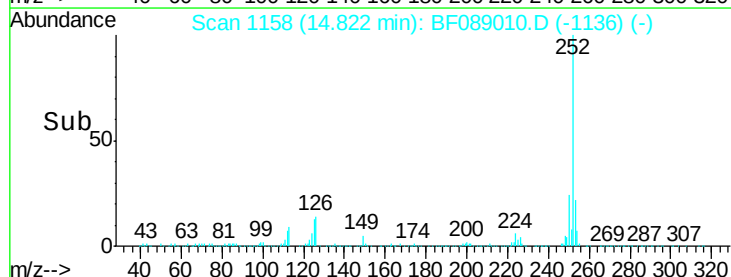
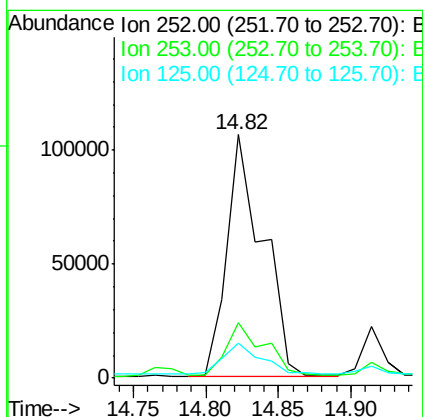
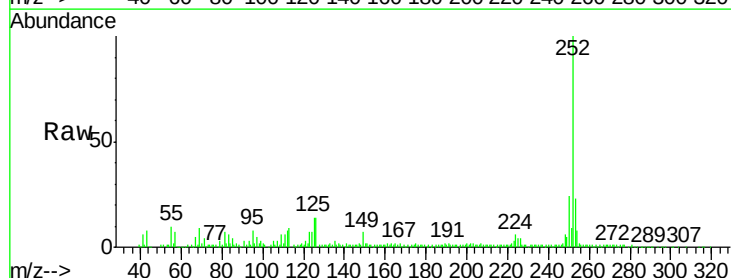
RT: 14.82 min Scan# 1158

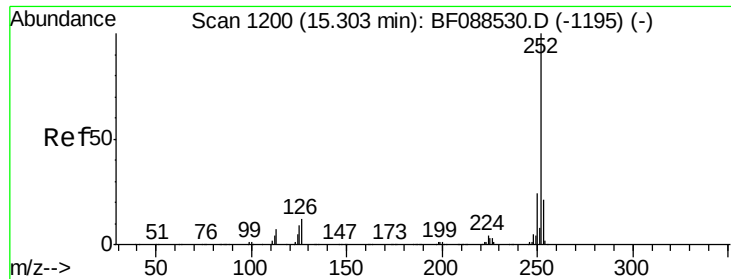
Delta R.T. -0.05 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

Tgt Ion:	252	Resp:	184349
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.0	27.0
125	14.4	11.2	16.8





#89

Benzo(a)pyrene

Concen: 24.73 ng

RT: 15.14 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF089010.D

Acq: 15 Jul 2016 3:21

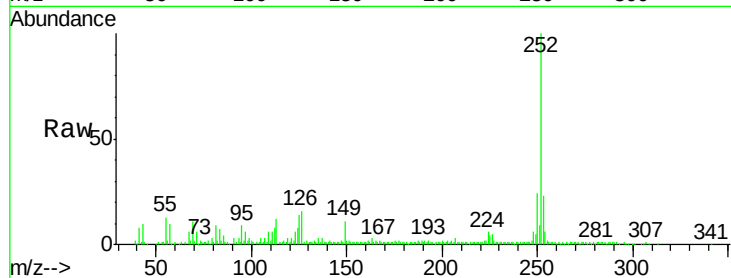
Instrument :

BNA_F

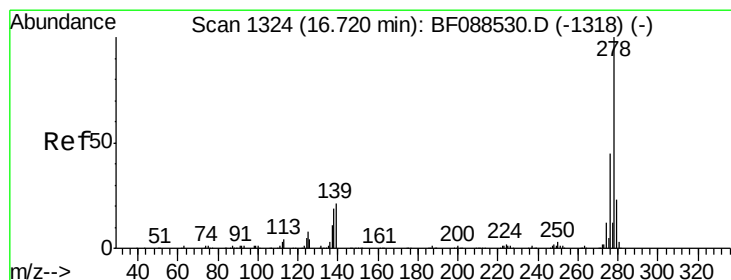
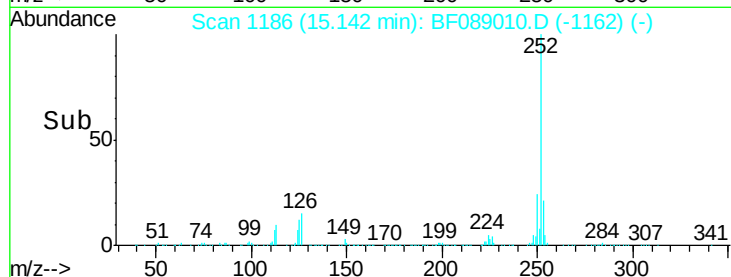
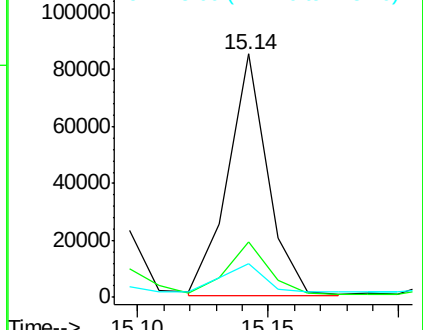
ClientSampleId :

LSS-SS-SS04(0-2in)

Tgt Ion:	252	Resp:	90260
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	13.9	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: 5.99 ng

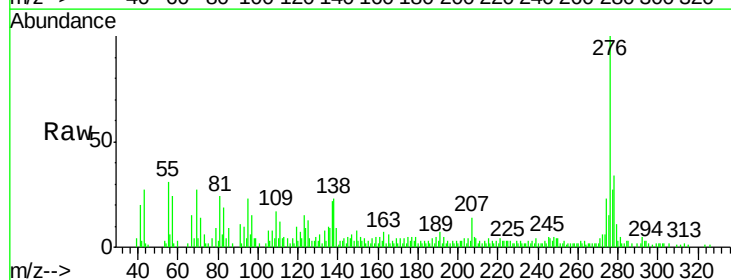
RT: 16.49 min Scan# 1304

Delta R.T. -0.02 min

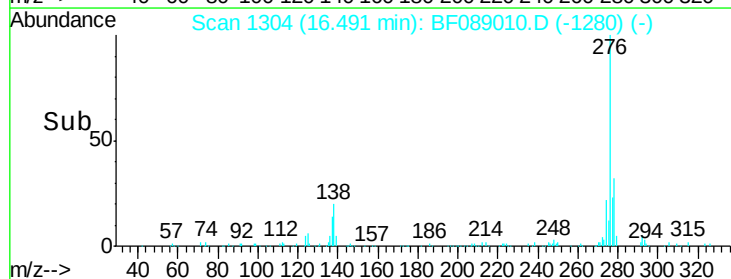
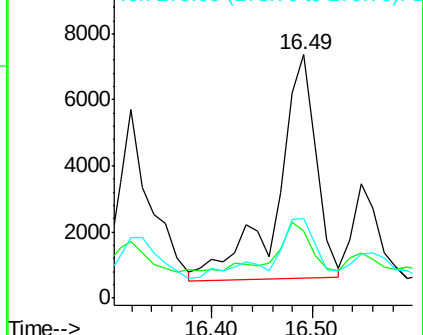
Lab File: BF089010.D

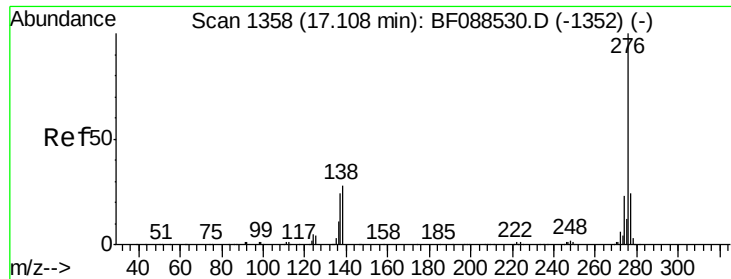
Acq: 15 Jul 2016 3:21

Tgt Ion:	278	Resp:	18269
Ion	Ratio	Lower	Upper
278	100		
139	27.4	15.7	23.5#
279	32.6	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: 16.43 ng

RT: 16.87 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF089010.D

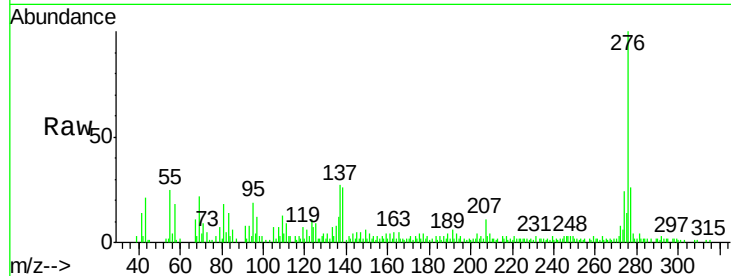
Acq: 15 Jul 2016 3:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)



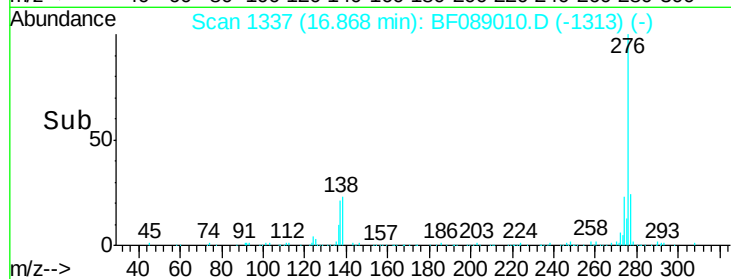
Tgt Ion: 276 Resp: 51817

Ion Ratio Lower Upper

276 100

277 26.2 18.9 28.3

138 25.7 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

