

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088679.D
 Acq On : 4 Jul 2016 7:17
 Operator : UM/SJ
 Sample : H3856-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

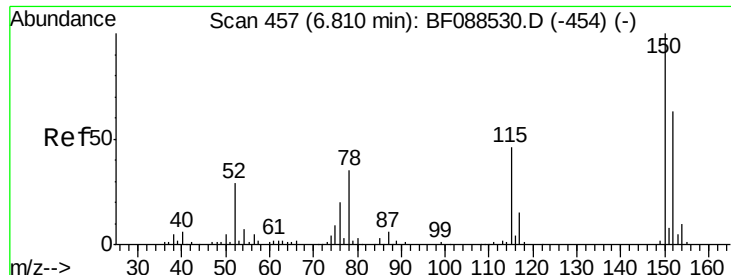
Quant Time: Jul 04 07:51:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	108684	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	405064	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	174252	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	279828	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	208019	20.00	ng	-0.03
86) Perylene-d12	15.31	264	207388	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	757156	104.41	ng	-0.02
7) Phenol-d6	6.42	99	886045	94.56	ng	-0.02
23) Nitrobenzene-d5	7.35	82	565789	73.20	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	184137	113.80	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	842531	76.37	ng	-0.03
78) Terphenyl-d14	12.88	244	590257	63.20	ng	-0.03

Target Compounds						Qvalue
10) Phenol	6.43	94	25538	2.39	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	77055	12.24	ng	# 72
25) Isophorone	7.35	82	449477	31.39	ng	# 65
49) Dimethylphthalate	9.54	163	198991	16.03	ng	98
55) 4-Nitrophenol	10.02	139	8475	3.19	ng	# 5
56) 2,4-Dinitrotoluene	9.82	165	22874	6.36	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	12662	4.49	ng	# 1
70) Phenanthrene	11.31	178	317489	20.76	ng	99
71) Anthracene	11.37	178	57227	3.76	ng	96
72) Carbazole	11.52	167	31300	2.19	ng	98
74) Fluoranthene	12.50	202	387090	24.96	ng	96
77) Pyrene	12.73	202	314424	17.83	ng	98
80) Benzo(a)anthracene	13.91	228	171198	12.78	ng	100
82) Chrysene	13.94	228	117902	8.90	ng	97
85) Indeno(1,2,3-cd)pyrene	16.64	276	77278	7.58	ng	# 100
87) Benzo(b)fluoranthene	14.93	252	229806	17.66	ng	# 94
88) Benzo(k)fluoranthene	14.93	252	229806	20.29	ng	99
89) Benzo(a)pyrene	15.20	252	86178	7.82	ng	97
90) Dibenzo(a,h)anthracene	16.65	278	18501	2.01	ng	# 89
91) Benzo(a,h,i)perylene	17.04	276	69841	7.34	ng	97

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

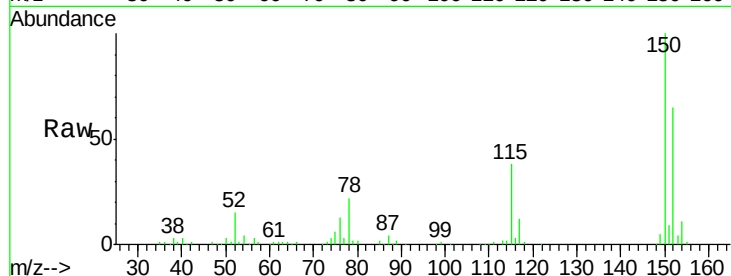


#1

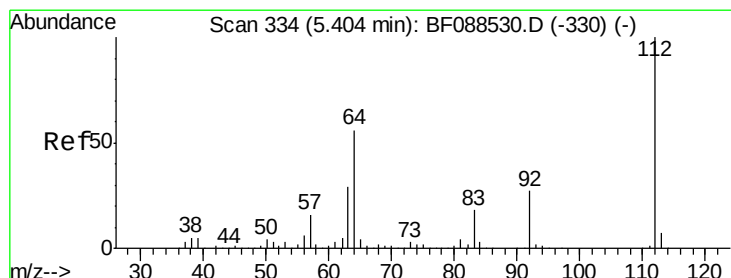
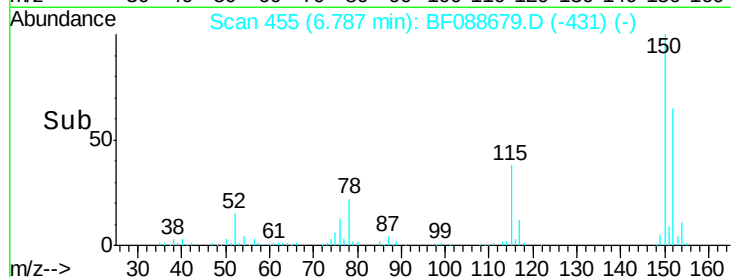
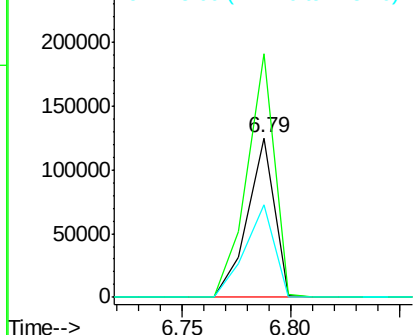
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088679.D
Acq: 4 Jul 2016 7:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.8	185.6
115	58.4	39.6	59.4



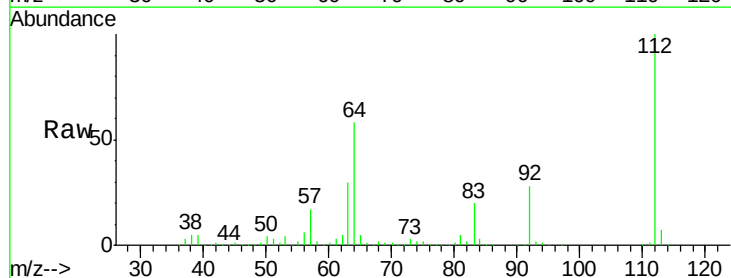
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



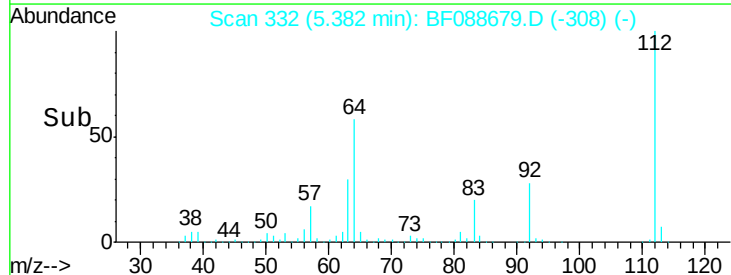
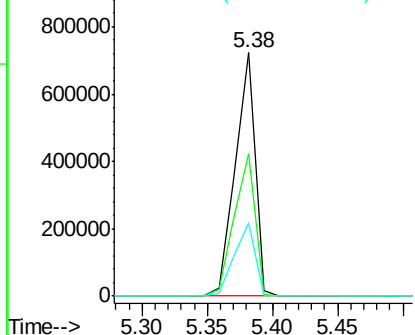
#5

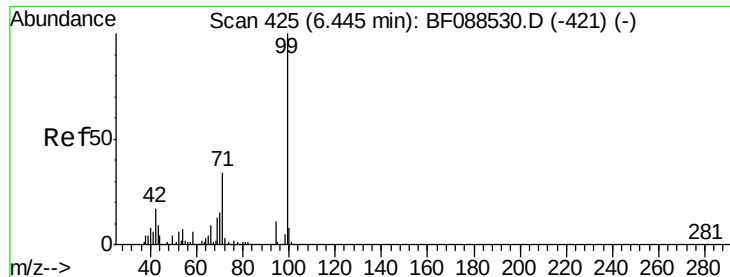
2-Fluorophenol
Concen: 104.41 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088679.D
Acq: 4 Jul 2016 7:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	42.2	63.2
63	30.2	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: 94.56 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088679.D

Acq: 4 Jul 2016 7:17

Instrument :

BNA_F

ClientSampleId :

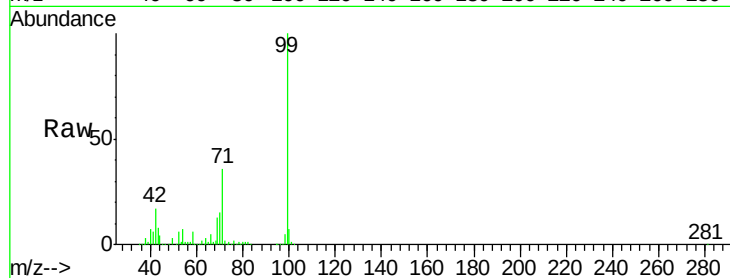
Tot Ion: 99 Resp: 886045

Ion Ratio Lower Upper

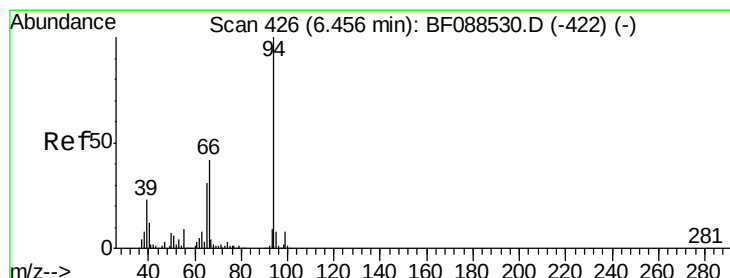
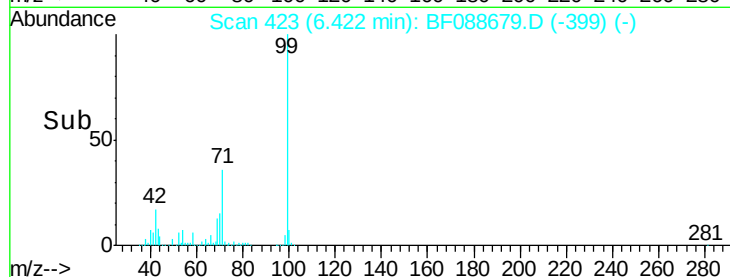
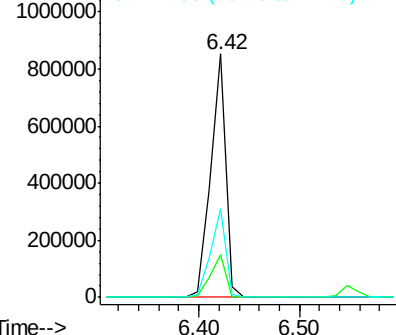
99 100

42 17.5 12.2 18.2

71 36.2 23.4 35.0#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.39 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088679.D

Acq: 4 Jul 2016 7:17

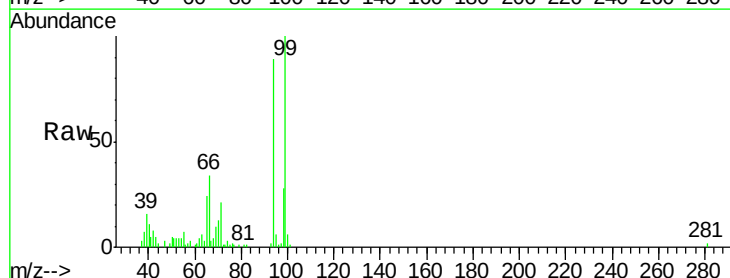
Tgt Ion: 94 Resp: 25538

Ion Ratio Lower Upper

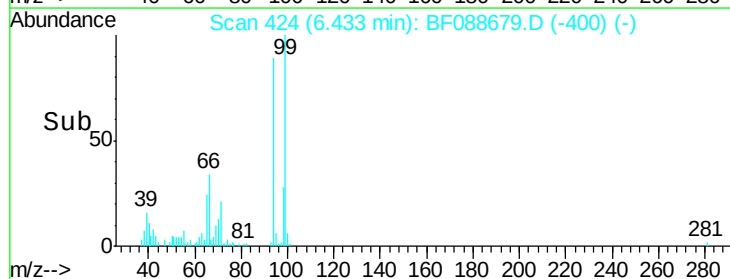
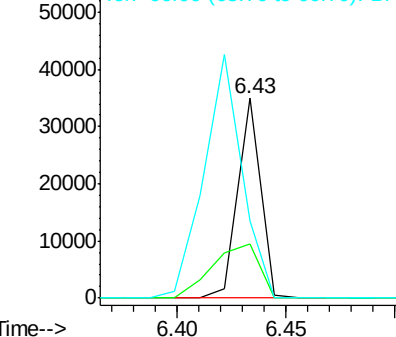
94 100

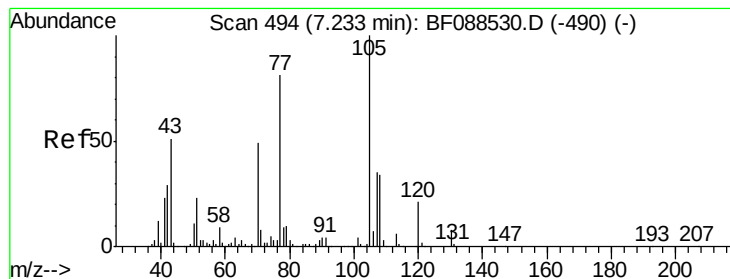
65 26.9 5.9 45.9

66 38.7 14.0 54.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 12.24 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.11 min

Lab File: BF088679.D

Acq: 4 Jul 2016 7:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 77055

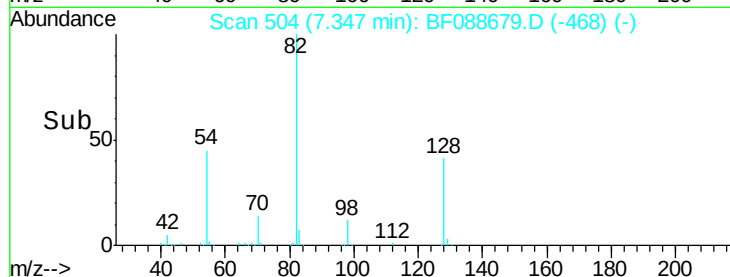
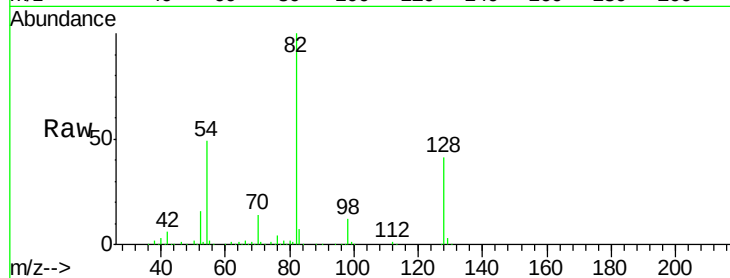
Ion Ratio Lower Upper

70 100

42 43.0 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#

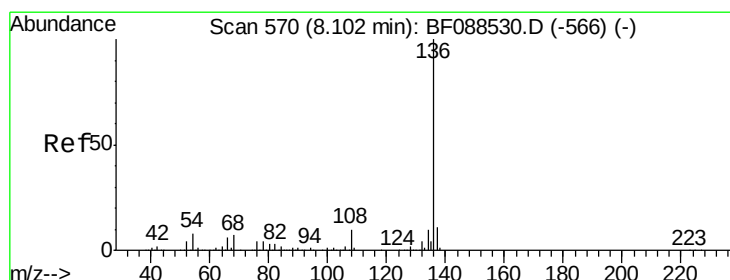
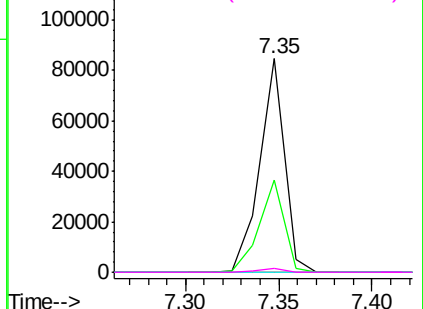


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088679.D

Acq: 4 Jul 2016 7:17

Tgt Ion: 136 Resp: 405064

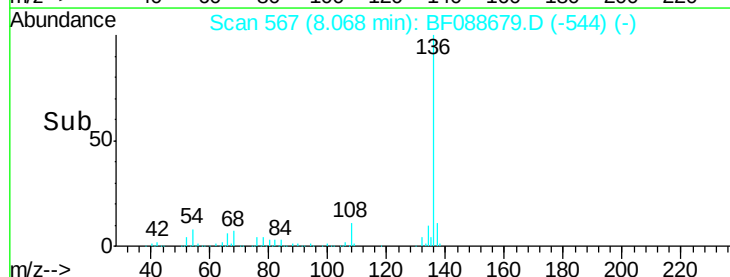
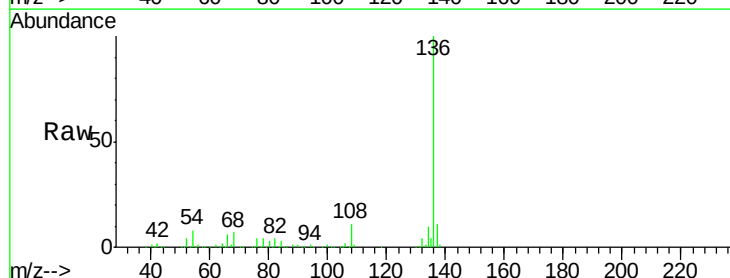
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.5 6.6 10.0

68 7.1 5.1 7.7

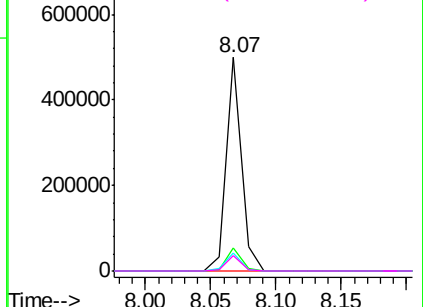


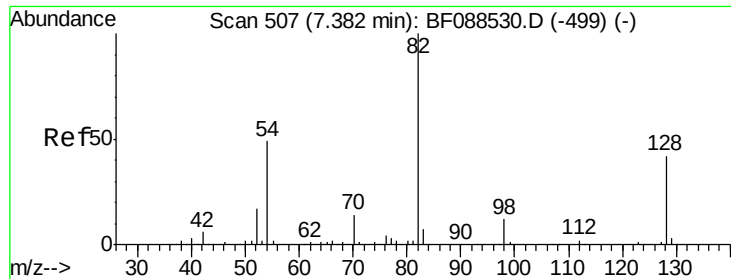
Abundance Ion 136.00 (135.70 to 136.70): E

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

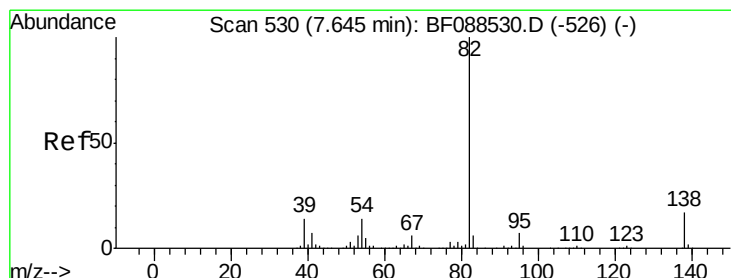
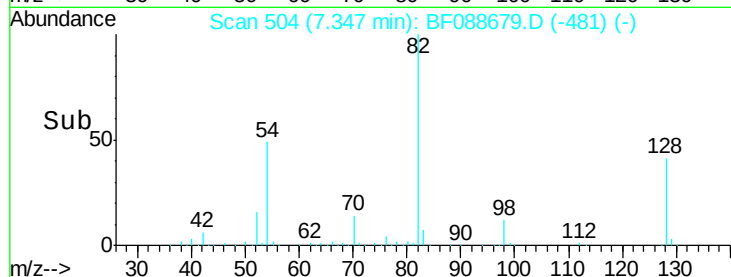
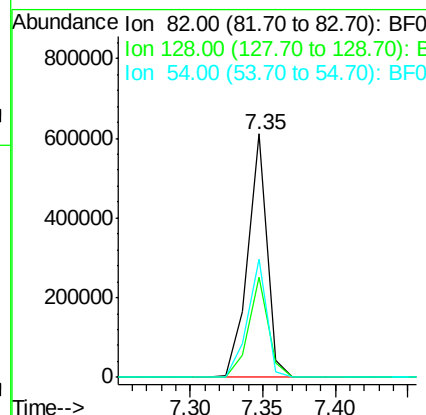
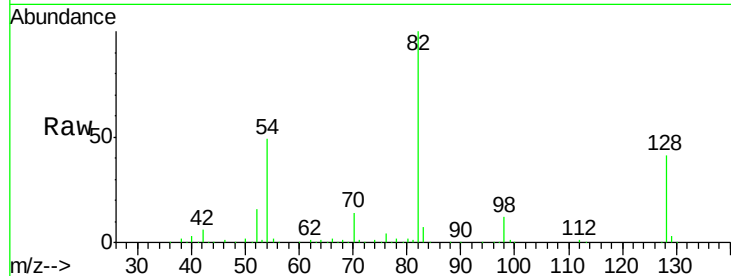




#23
 Nitrobenzene-d5
 Concen: 73.20 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088679.D
 Acq: 4 Jul 2016 7:17

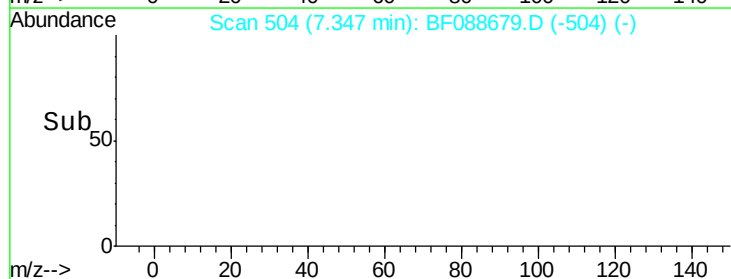
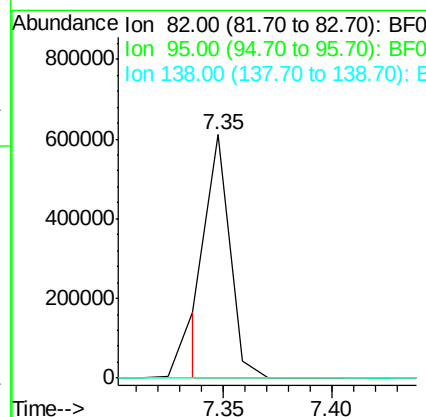
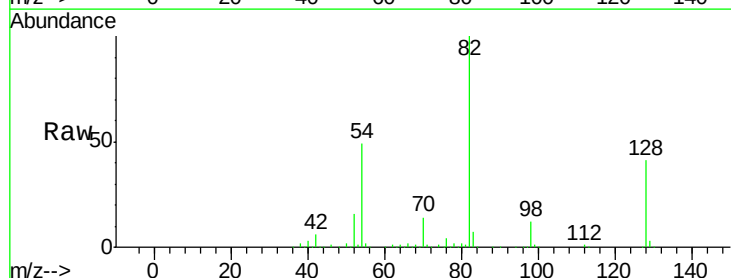
Instrument :
 BNA_F
 ClientSampleId :

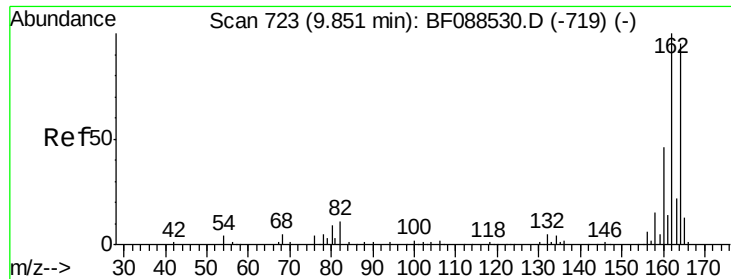
Tot Ion	82	Resp	565789
Ion Ratio	Lower	Upper	
82	100		
128	41.0	35.9	53.9
54	48.5	40.9	61.3



#25
 Isophorone
 Concen: 31.39 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.30 min
 Lab File: BF088679.D
 Acq: 4 Jul 2016 7:17

Tgt Ion	82	Resp	449477
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: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088679.D

Acq: 4 Jul 2016 7:17

Instrument :

BNA_F

ClientSampleId :

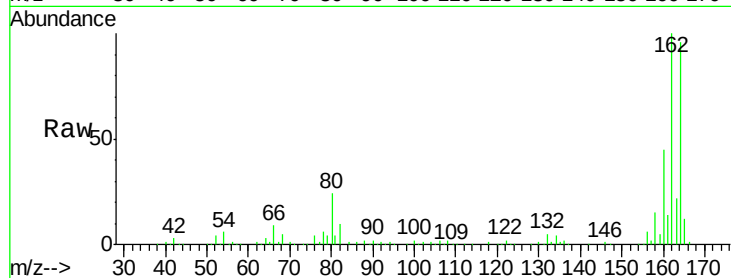
Tot Ion:164 Resp: 174252

Ion Ratio Lower Upper

164 100

162 104.4 85.4 128.2

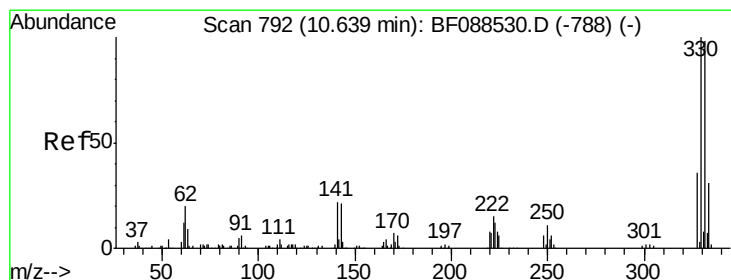
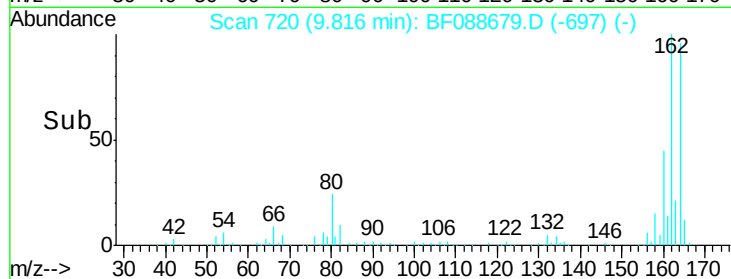
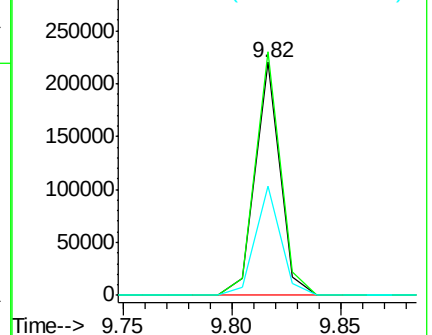
160 46.9 39.5 59.3



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: 113.80 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.03 min

Lab File: BF088679.D

Acq: 4 Jul 2016 7:17

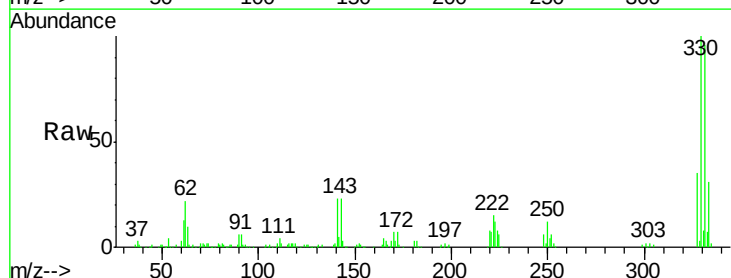
Tgt Ion:330 Resp: 184137

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

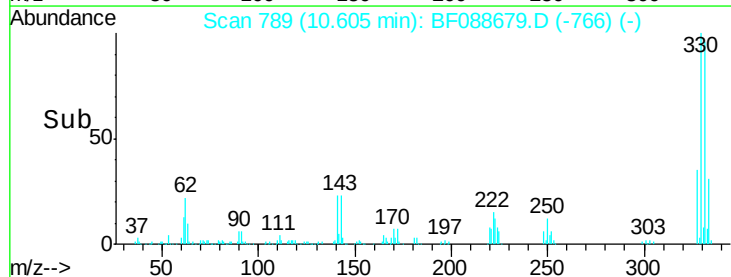
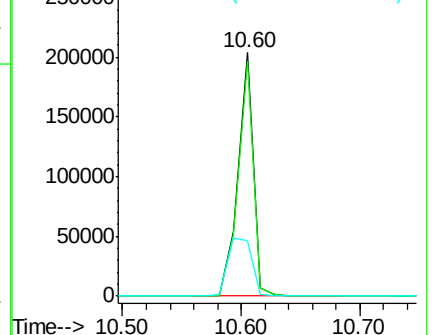
141 36.7 0.0 0.0#

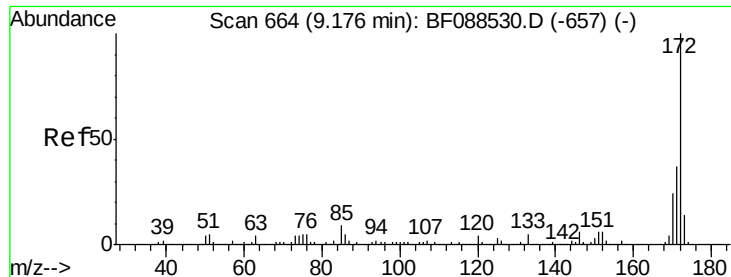


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

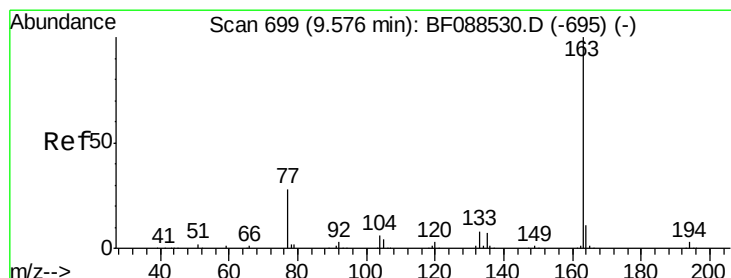
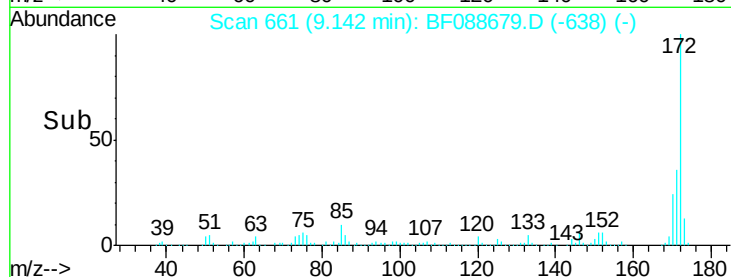
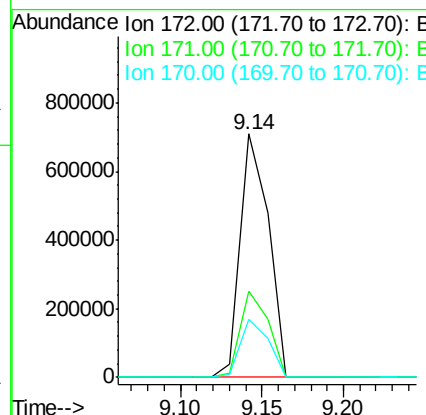
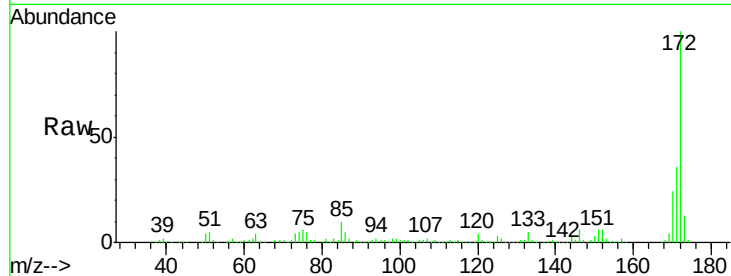




#44
2-Fluorobiphenyl
Concen: 76.37 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF088679.D
Acq: 4 Jul 2016 7:17

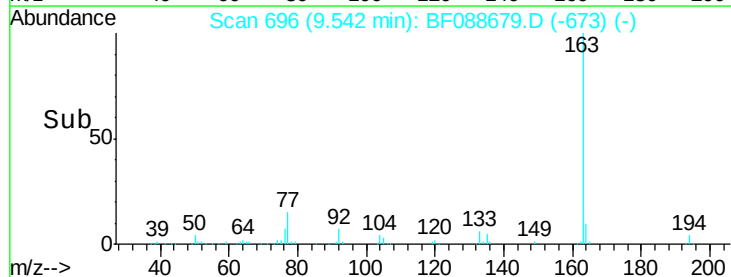
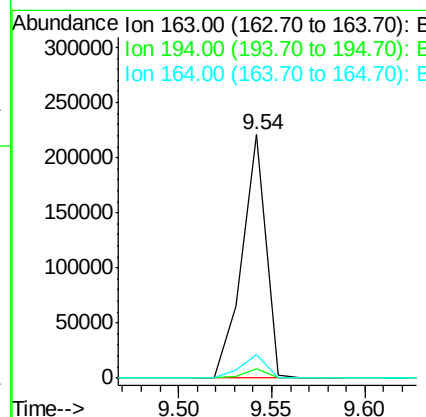
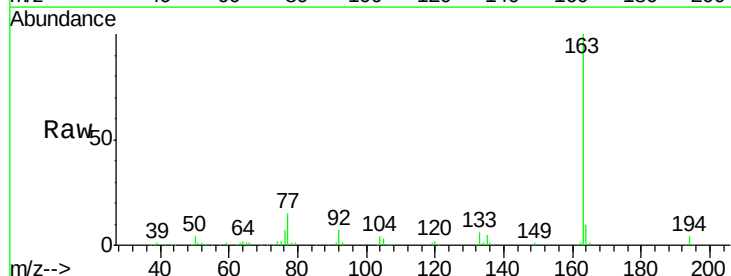
Instrument :
BNA_F
ClientSampled :

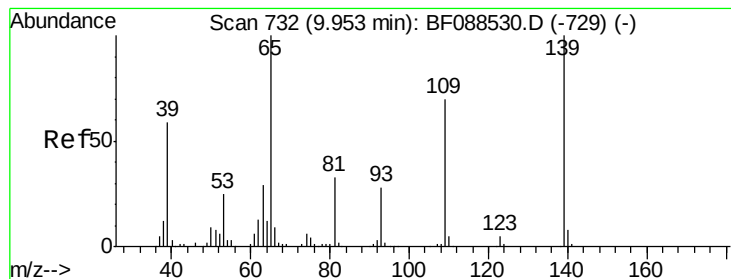
Tot Ion:172 Resp: 842531
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.0 19.2 28.8



#49
Dimethylphthalate
Concen: 16.03 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088679.D
Acq: 4 Jul 2016 7:17

Tgt Ion:163 Resp: 198991
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.7 8.3 12.5





#55

4-Nitrophenol

Concen: 3.19 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.07 min

Lab File: BF088679.D

Acq: 4 Jul 2016 7:17

Instrument :

BNA_F

ClientSampleId :

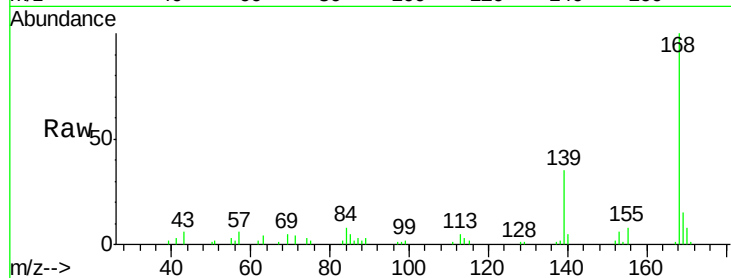
Tot Ion:139 Resp: 8475

Ion Ratio Lower Upper

139 100

109 0.0 48.9 88.9#

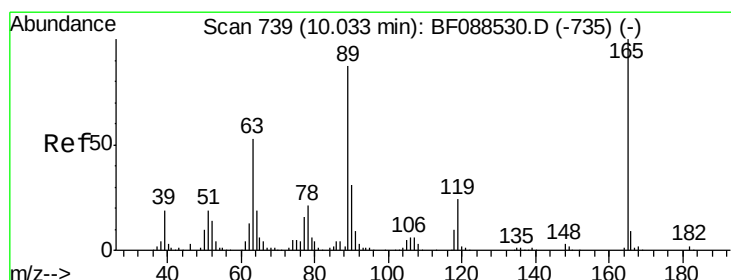
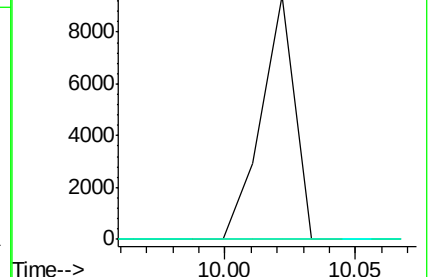
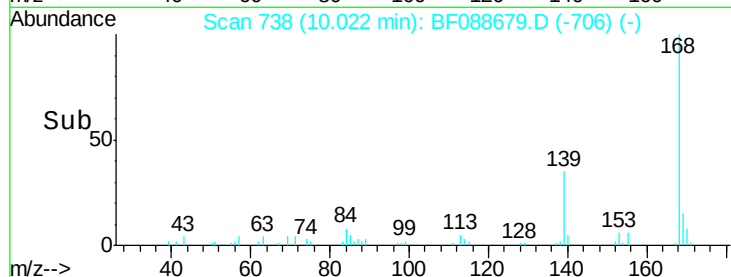
65 0.0 84.9 124.9#



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): E



#56

2,4-Dinitrotoluene

Concen: 6.36 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.22 min

Lab File: BF088679.D

Acq: 4 Jul 2016 7:17

Tgt Ion:165 Resp: 22874

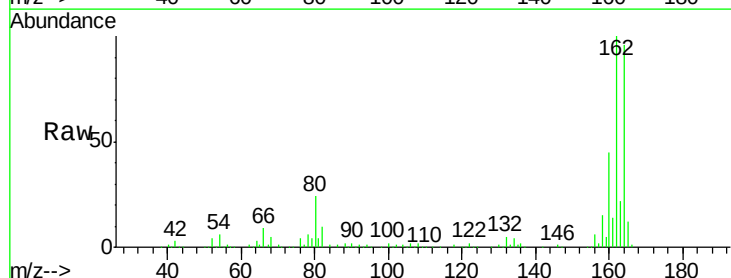
Ion Ratio Lower Upper

165 100

63 1.3 22.0 33.0#

89 1.5 41.1 61.7#

182 0.0 2.0 3.0#

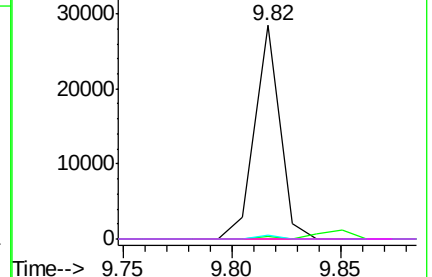
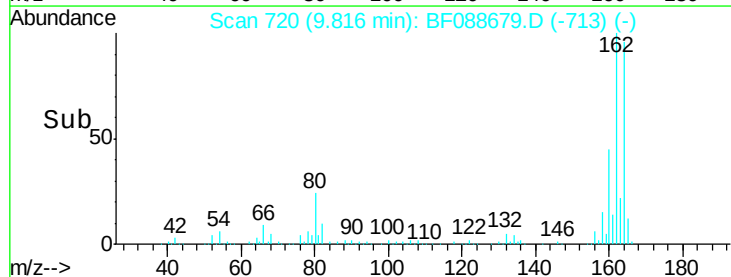


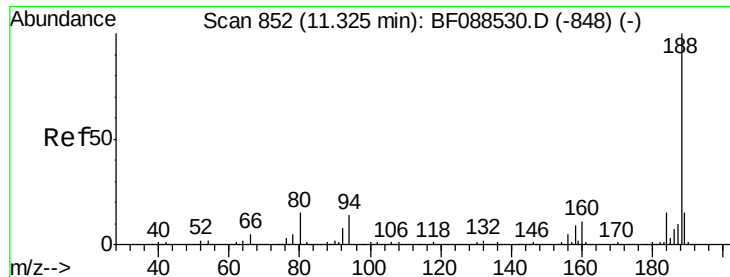
Abundance Ion 165.00 (164.70 to 165.70): E

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

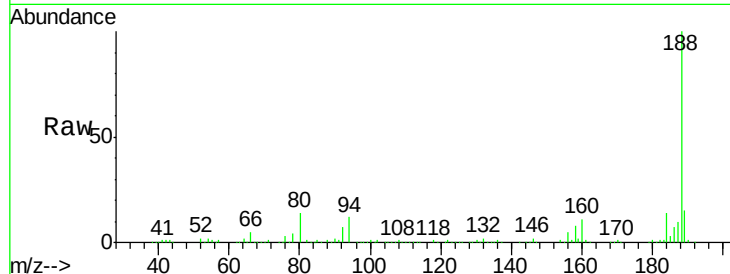




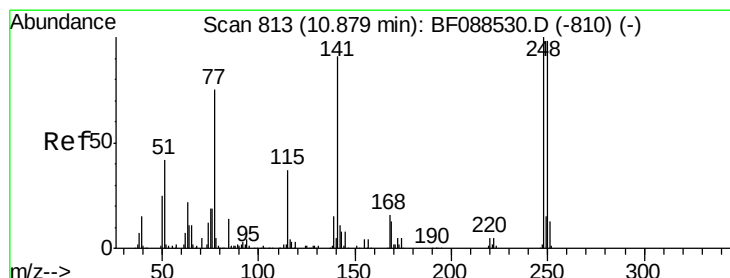
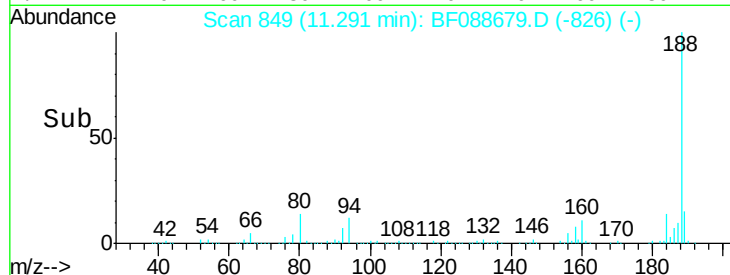
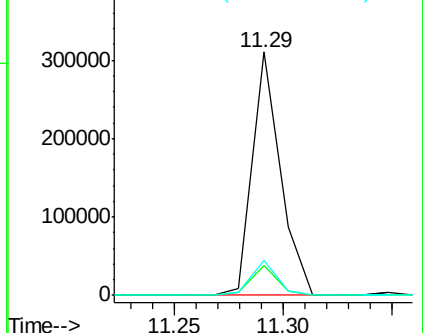
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.03 min
Lab File: BF088679.D
Acq: 4 Jul 2016 7:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 279828
Ion Ratio Lower Upper
188 100
94 12.4 9.0 13.6
80 14.2 10.0 15.0

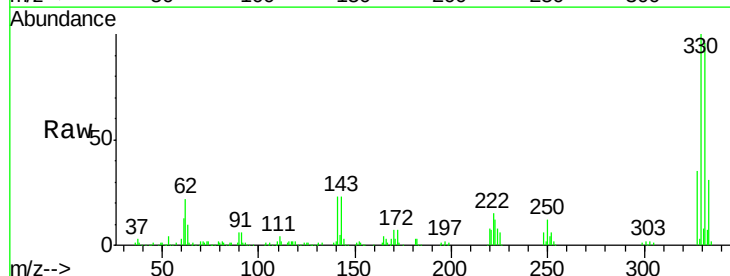


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

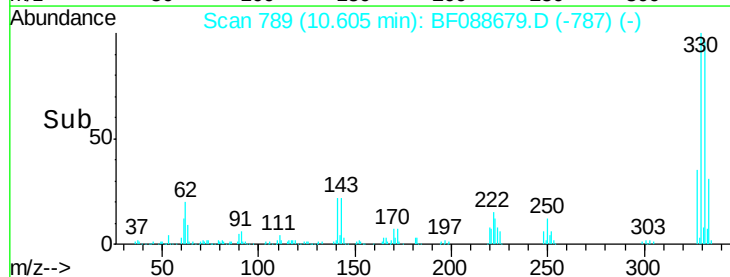
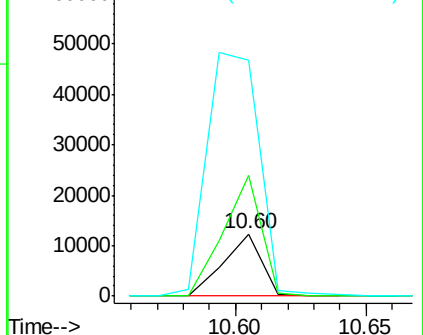


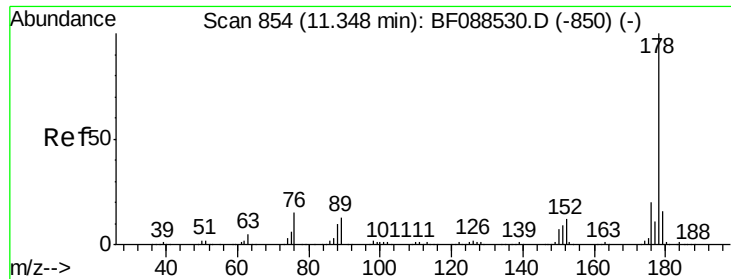
#66
4-Bromophenyl-phenylether
Concen: 4.49 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088679.D
Acq: 4 Jul 2016 7:17

Tgt Ion:248 Resp: 12662
Ion Ratio Lower Upper
248 100
250 192.2 77.1 115.7#
141 377.9 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

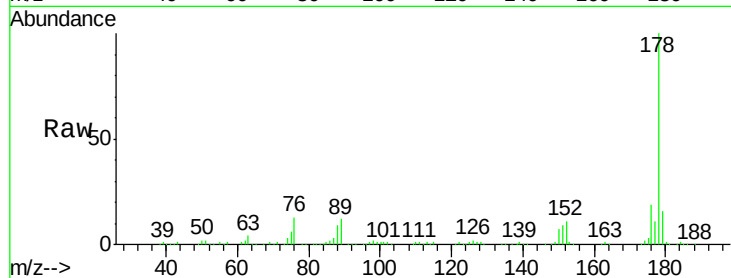




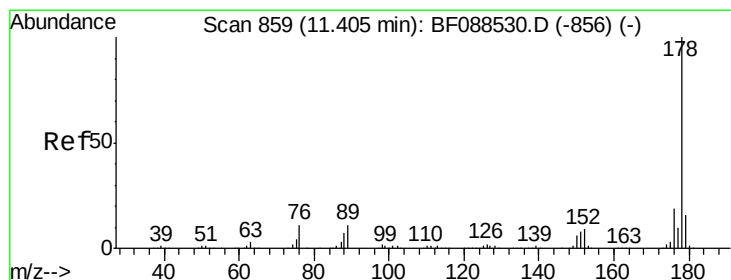
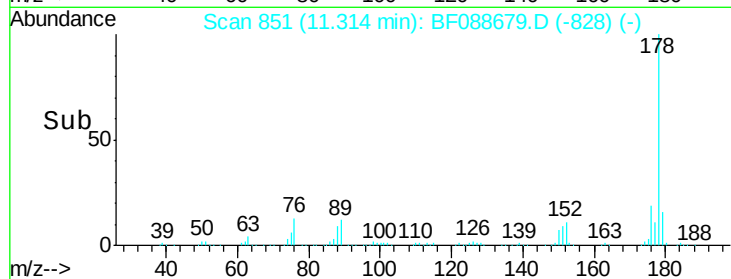
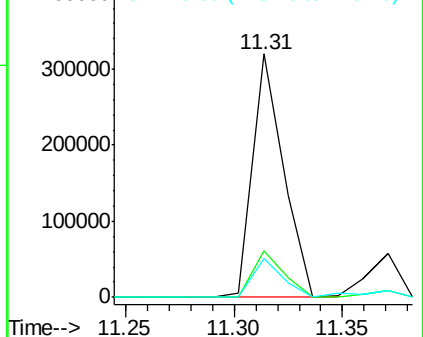
#70
Phenanthrene
Concen: 20.76 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.03 min
Lab File: BF088679.D
Acq: 4 Jul 2016 7:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 317489
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.8 13.0 19.4

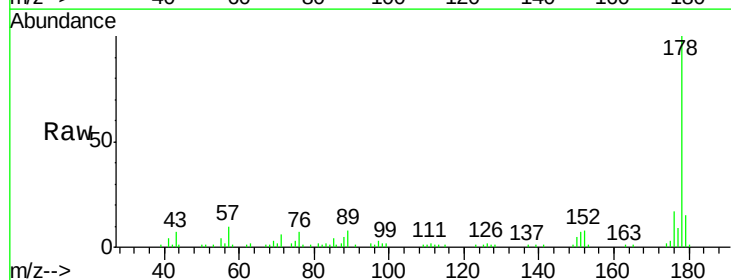


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

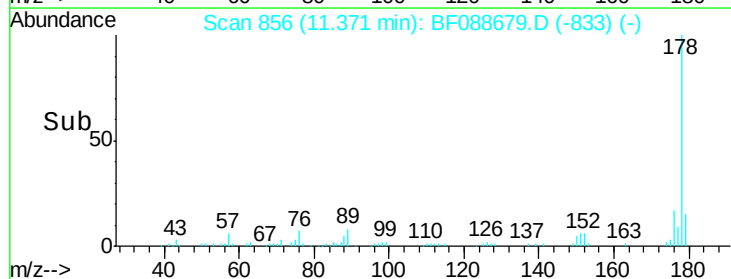
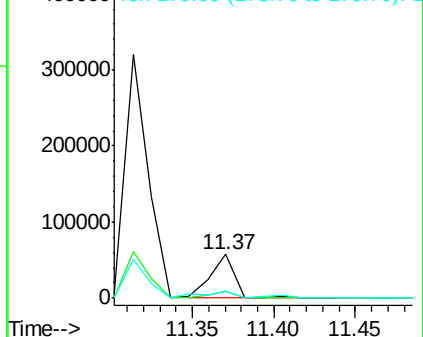


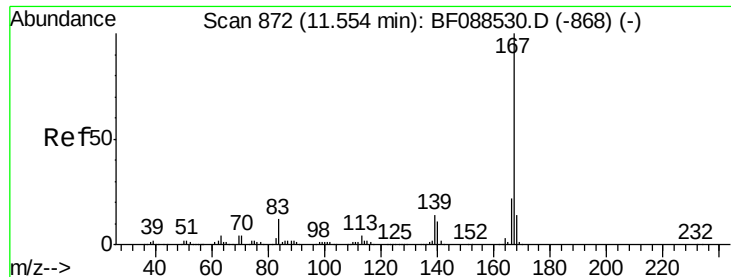
#71
Anthracene
Concen: 3.76 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.03 min
Lab File: BF088679.D
Acq: 4 Jul 2016 7:17

Tgt Ion:178 Resp: 57227
Ion Ratio Lower Upper
178 100
176 17.0 15.6 23.4
179 15.1 12.8 19.2



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





#72

Carbazole

Concen: 2.19 ng

RT: 11.52 min Scan# 869

Delta R.T. -0.03 min

Lab File: BF088679.D

Acq: 4 Jul 2016 7:17

Instrument :

BNA_F

ClientSampleId :

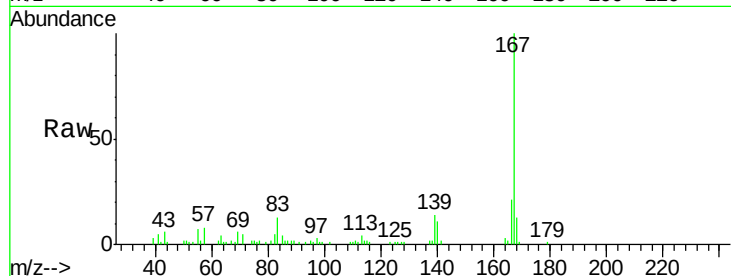
Tot Ion:167 Resp: 31300

Ion Ratio Lower Upper

167 100

166 21.0 17.8 26.6

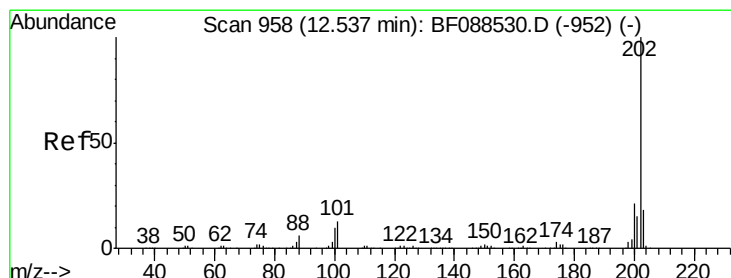
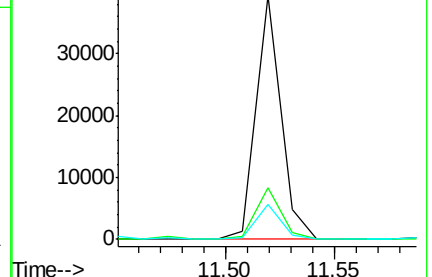
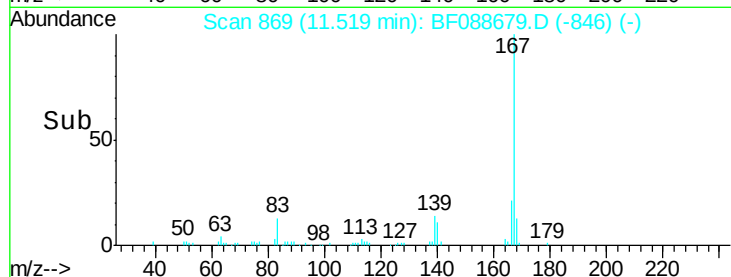
139 14.1 11.2 16.8



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: 24.96 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.03 min

Lab File: BF088679.D

Acq: 4 Jul 2016 7:17

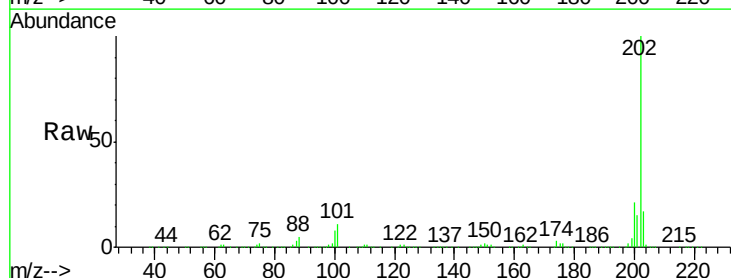
Tgt Ion:202 Resp: 387090

Ion Ratio Lower Upper

202 100

101 10.6 0.0 33.1

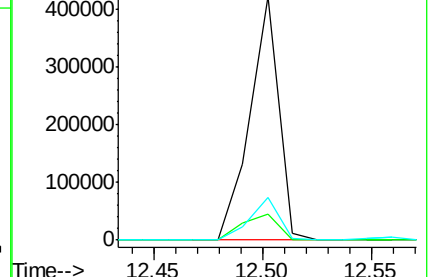
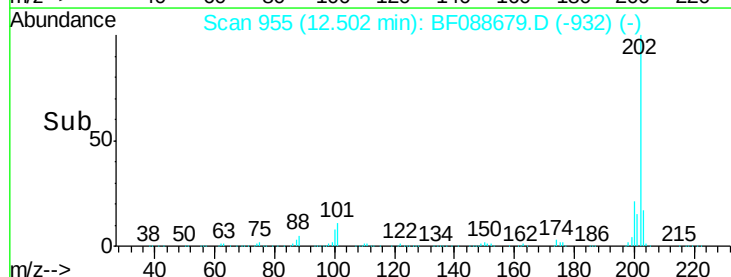
203 17.4 0.0 38.1

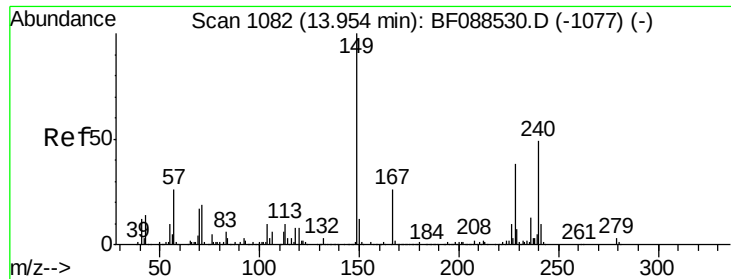


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088679.D

Acq: 4 Jul 2016 7:17

Instrument :

BNA_F

ClientSampleId :

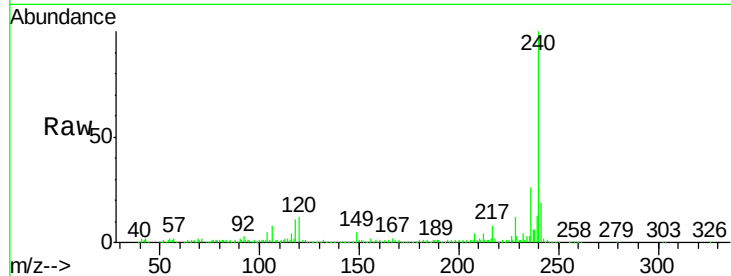
Tot Ion:240 Resp: 208019

Ion Ratio Lower Upper

240 100

120 12.2 6.8 10.2#

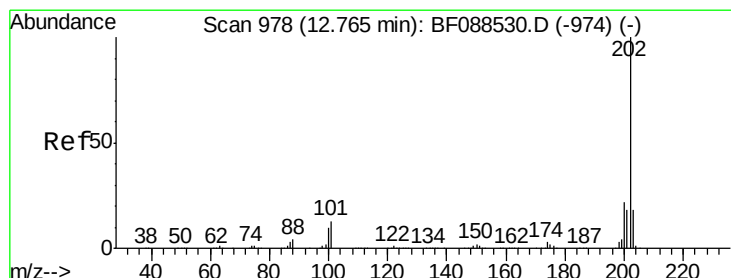
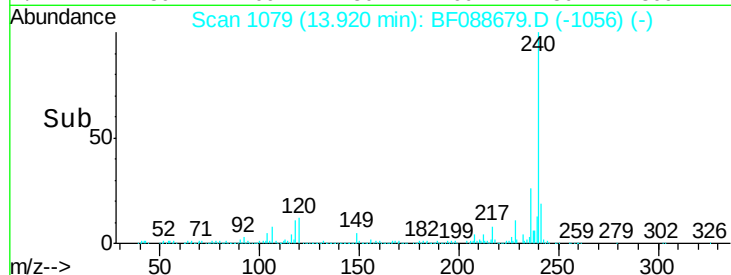
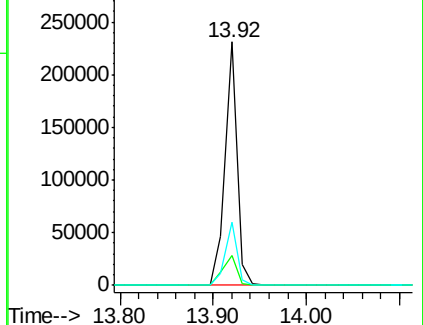
236 25.8 20.2 30.2



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: 17.83 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.03 min

Lab File: BF088679.D

Acq: 4 Jul 2016 7:17

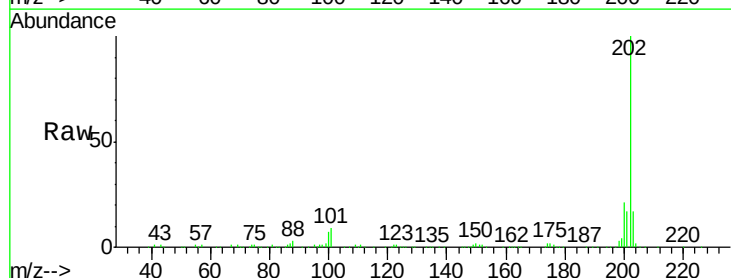
Tgt Ion:202 Resp: 314424

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

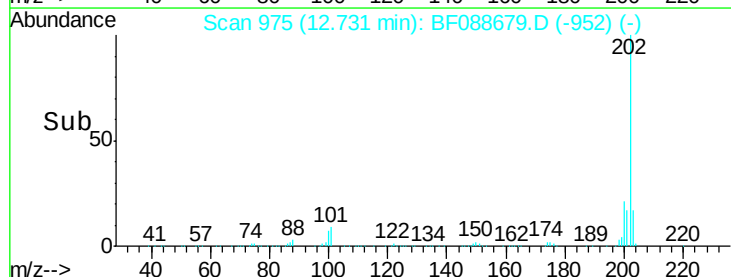
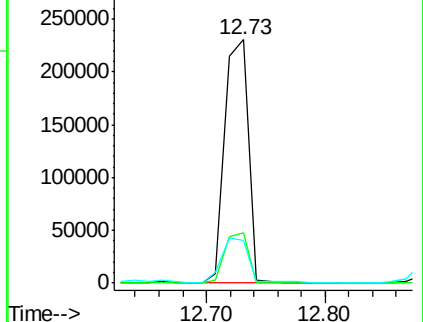
203 17.3 14.5 21.7

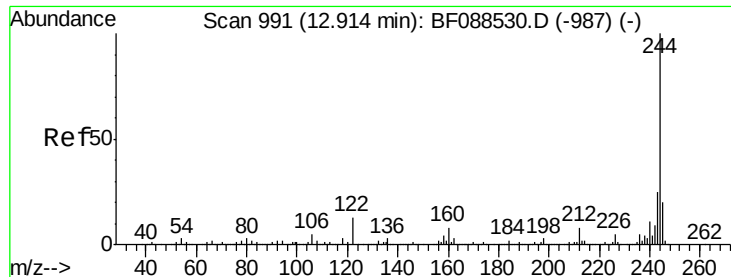


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 63.20 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088679.D

Acq: 4 Jul 2016 7:17

Instrument :

BNA_F

ClientSampleId :

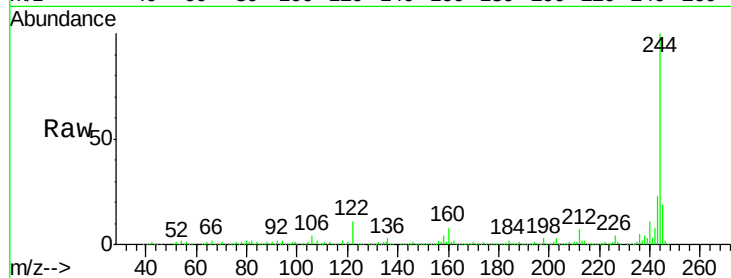
Tot Ion:244 Resp: 590257

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

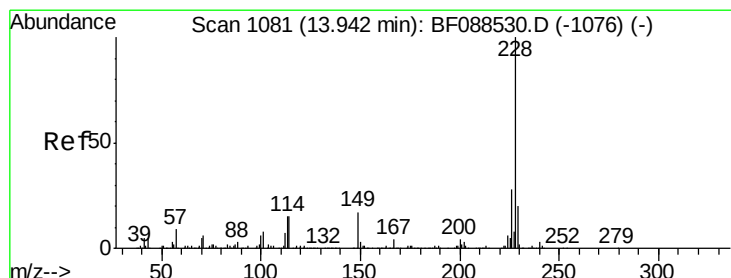
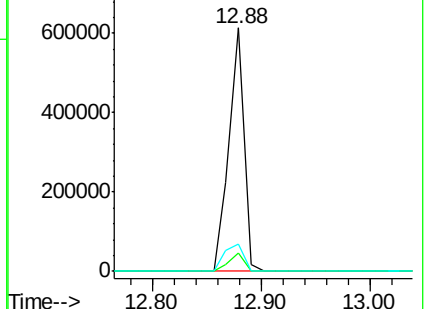
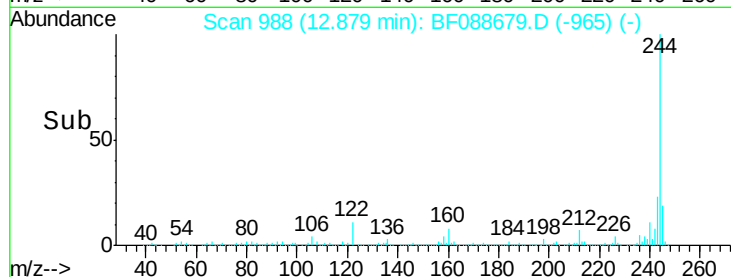
122 11.4 11.2 16.8



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



#80

Benzo(a)anthracene

Concen: 12.78 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.03 min

Lab File: BF088679.D

Acq: 4 Jul 2016 7:17

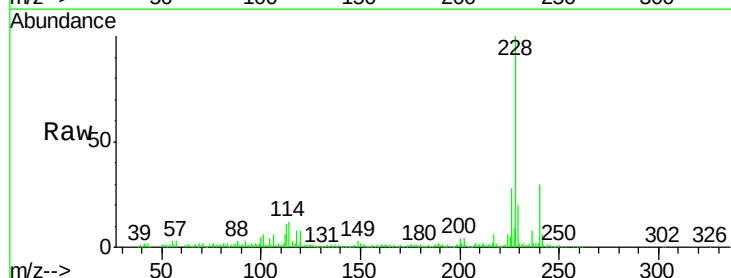
Tgt Ion:228 Resp: 171198

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

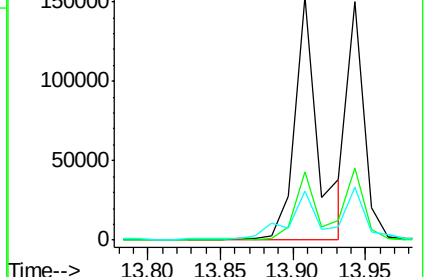
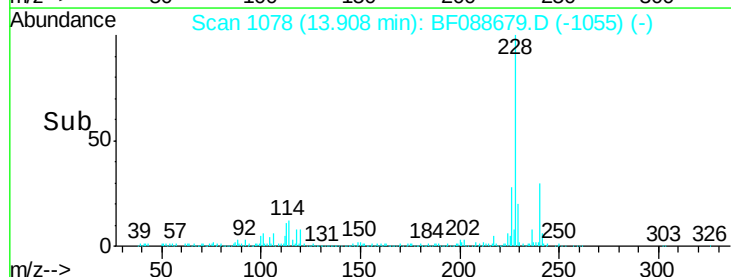
229 20.0 16.0 24.0

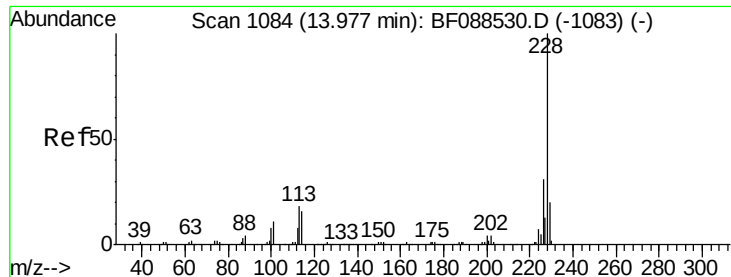


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 8.90 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.03 min

Lab File: BF088679.D

Acq: 4 Jul 2016 7:17

Instrument :

BNA_F

ClientSampleId :

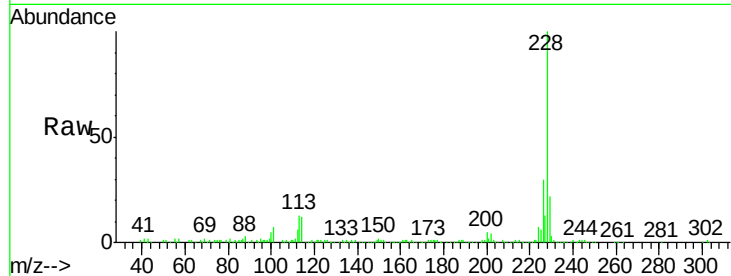
Tot Ion:228 Resp: 117902

Ion Ratio Lower Upper

228 100

226 30.1 25.4 38.2

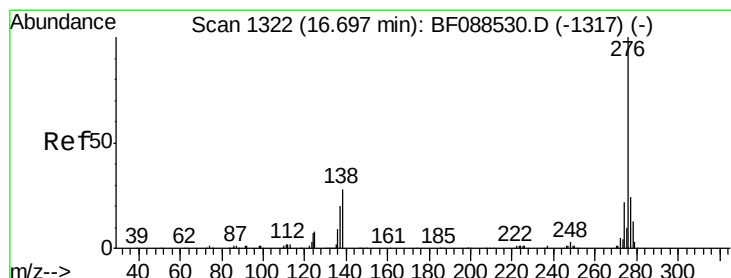
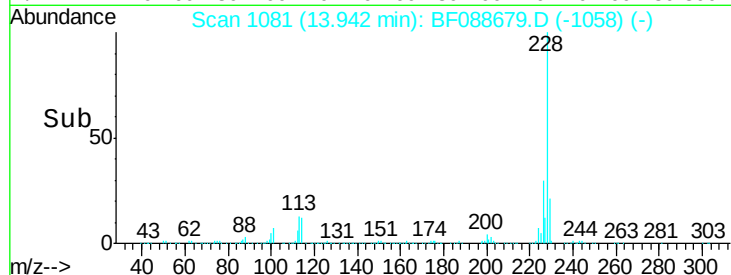
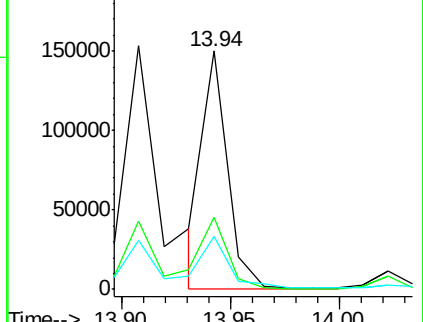
229 22.2 16.3 24.5



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: 7.58 ng

RT: 16.64 min Scan# 1317

Delta R.T. -0.06 min

Lab File: BF088679.D

Acq: 4 Jul 2016 7:17

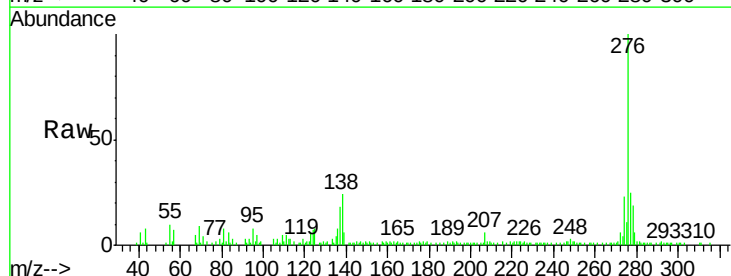
Tgt Ion:276 Resp: 77278

Ion Ratio Lower Upper

276 100

138 25.6 0.0 0.0#

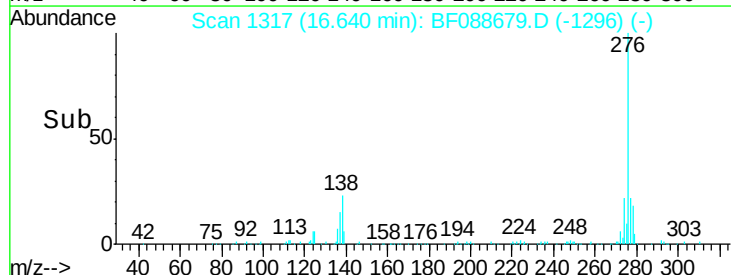
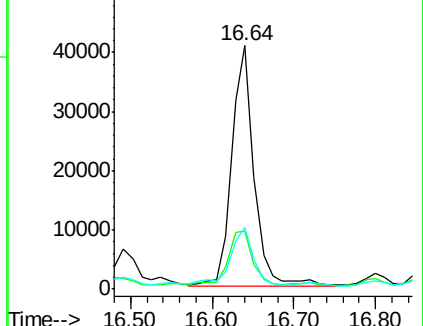
277 27.1 0.0 0.0#

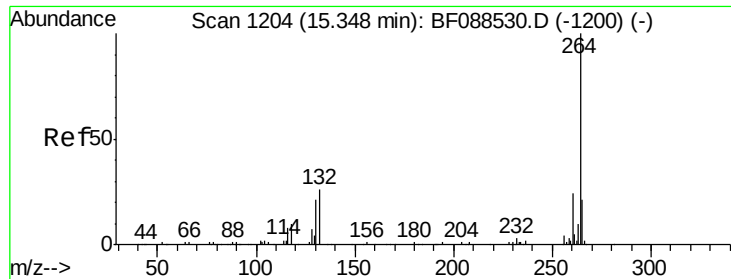


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

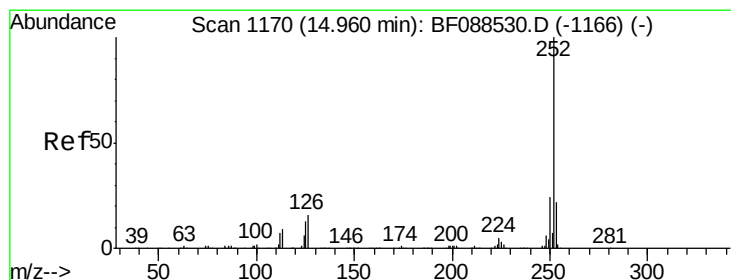
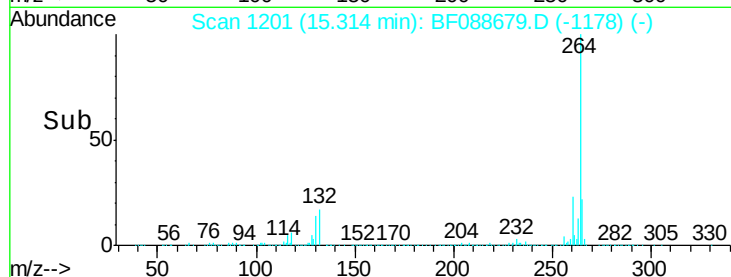
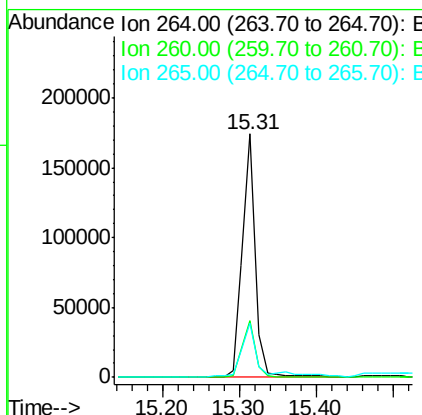
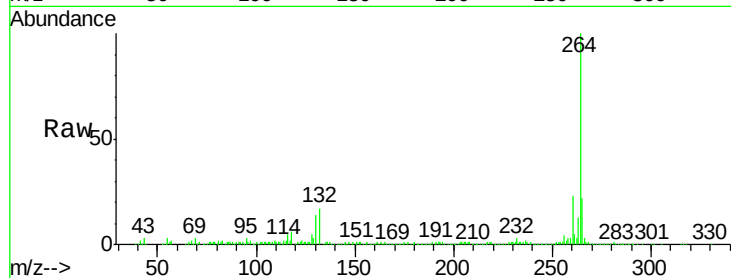




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088679.D
Acq: 4 Jul 2016 7:17

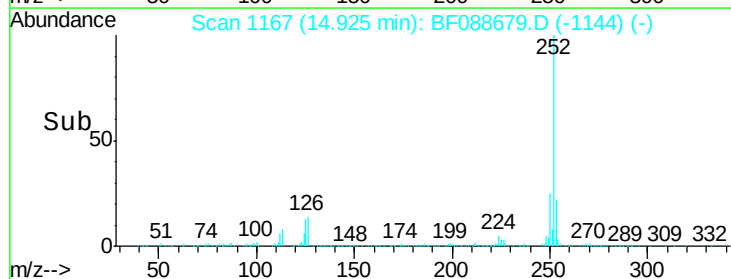
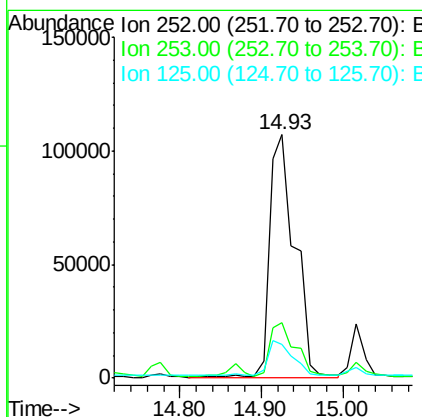
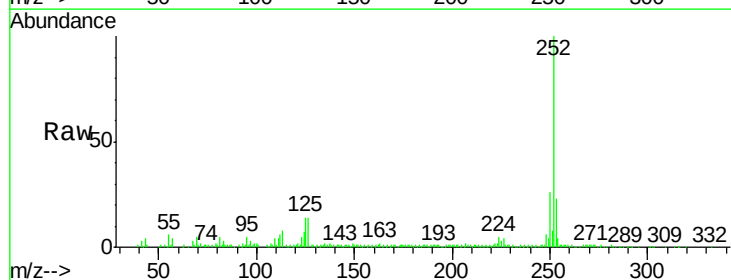
Instrument :
BNA_F
ClientSampleId :

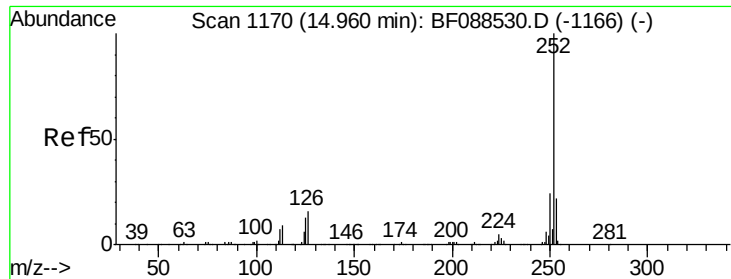
Tot Ion:264 Resp: 207388
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 22.2 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 17.66 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF088679.D
Acq: 4 Jul 2016 7:17

Tgt Ion:252 Resp: 229806
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 14.0 7.1 10.7#

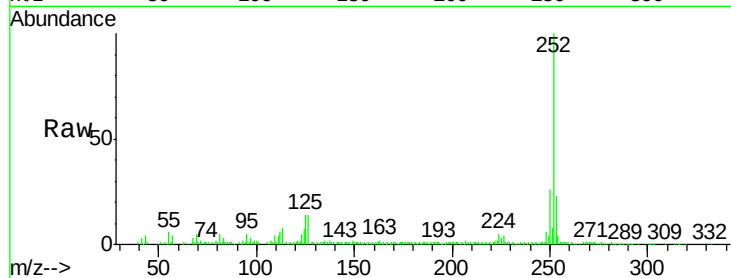




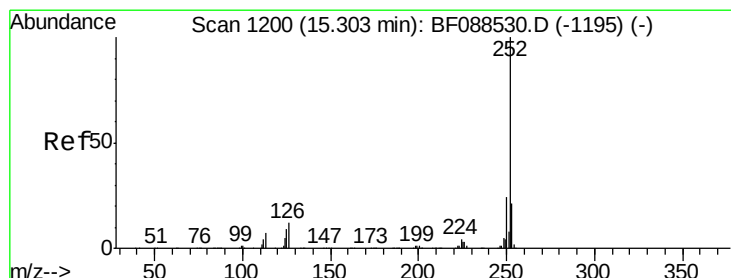
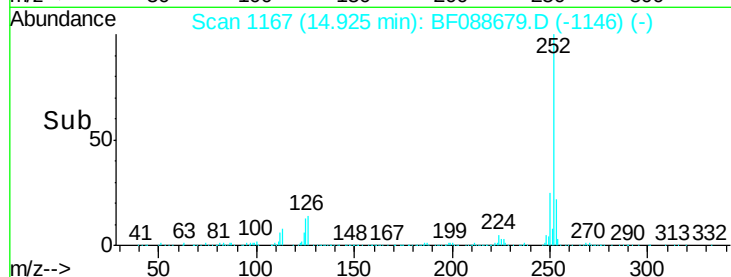
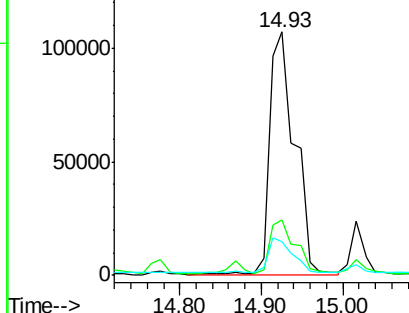
#88
Benzo(k)fluoranthene
Concen: 20.29 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.06 min
Lab File: BF088679.D
Acq: 4 Jul 2016 7:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	14.0	11.2	16.8

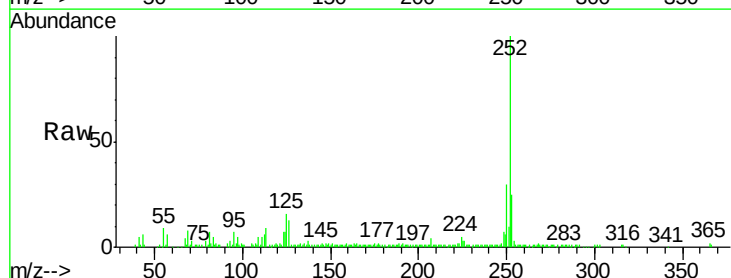


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

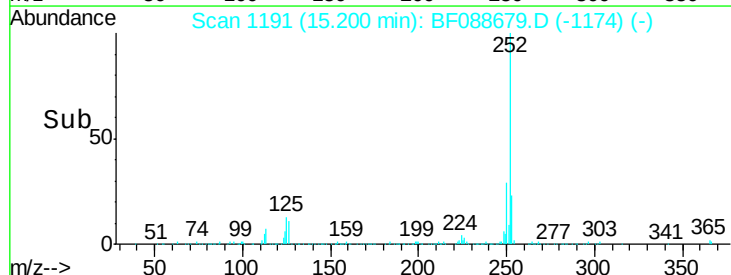
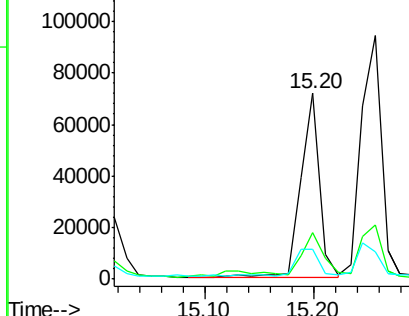


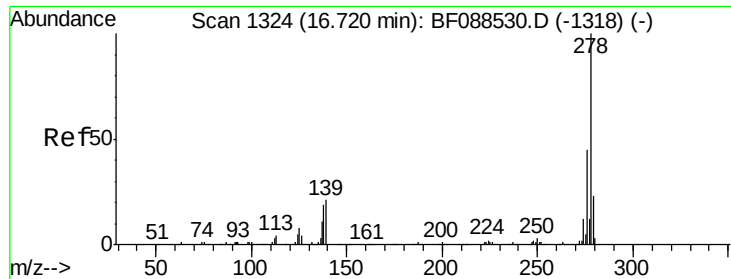
#89
Benzo(a)pyrene
Concen: 7.82 ng
RT: 15.20 min Scan# 1191
Delta R.T. -0.10 min
Lab File: BF088679.D
Acq: 4 Jul 2016 7:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	15.8	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: 2.01 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.07 min

Lab File: BF088679.D

Acq: 4 Jul 2016 7:17

Instrument :

BNA_F

ClientSampleId :

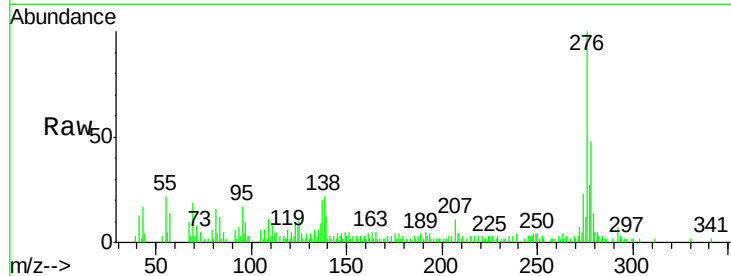
Tot Ion:278 Resp: 18501

Ion Ratio Lower Upper

278 100

139 24.4 15.7 23.5#

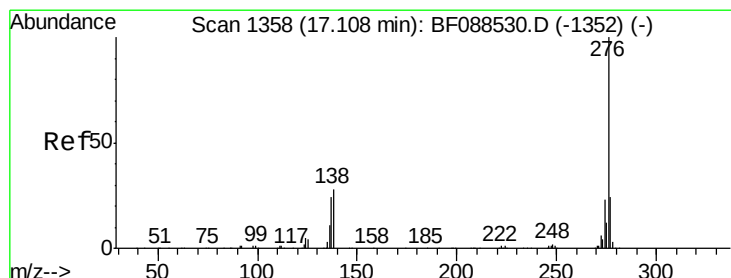
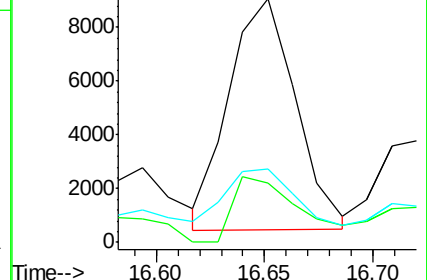
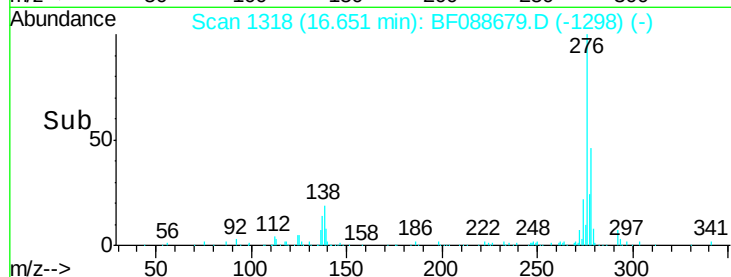
279 30.0 19.4 29.2#



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: 7.34 ng

RT: 17.04 min Scan# 1352

Delta R.T. -0.07 min

Lab File: BF088679.D

Acq: 4 Jul 2016 7:17

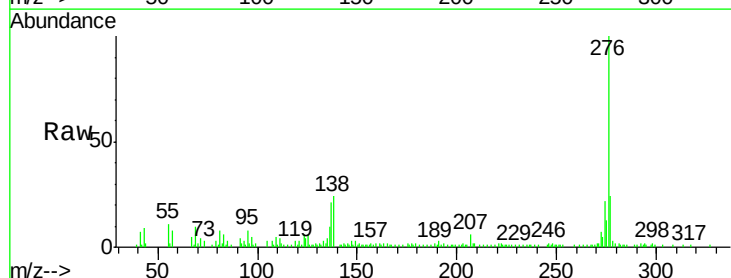
Tgt Ion:276 Resp: 69841

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 24.5 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

