

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072715\
 Data File : BF080692.D
 Acq On : 28 Jul 2015 2:01
 Operator : TP/UM
 Sample : G3084-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3

Quant Time: Jul 28 08:22:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 28 05:06:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	33692	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	107494	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	42286	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	59668	20.00	ng	0.00
75) Chrysene-d12	14.18	240	24050	20.00	ng	-0.07
86) Perylene-d12	15.77	264	12704	20.00	ng	-0.15

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	276866	130.88	ng	0.01
7) Phenol-d6	6.53	99	308366	135.49	ng	0.00
23) Nitrobenzene-d5	7.48	82	207217	99.04	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	43399	117.26	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	289320	86.21	ng	0.00
78) Terphenyl-d14	13.05	244	135631	96.61	ng	-0.02

Target Compounds

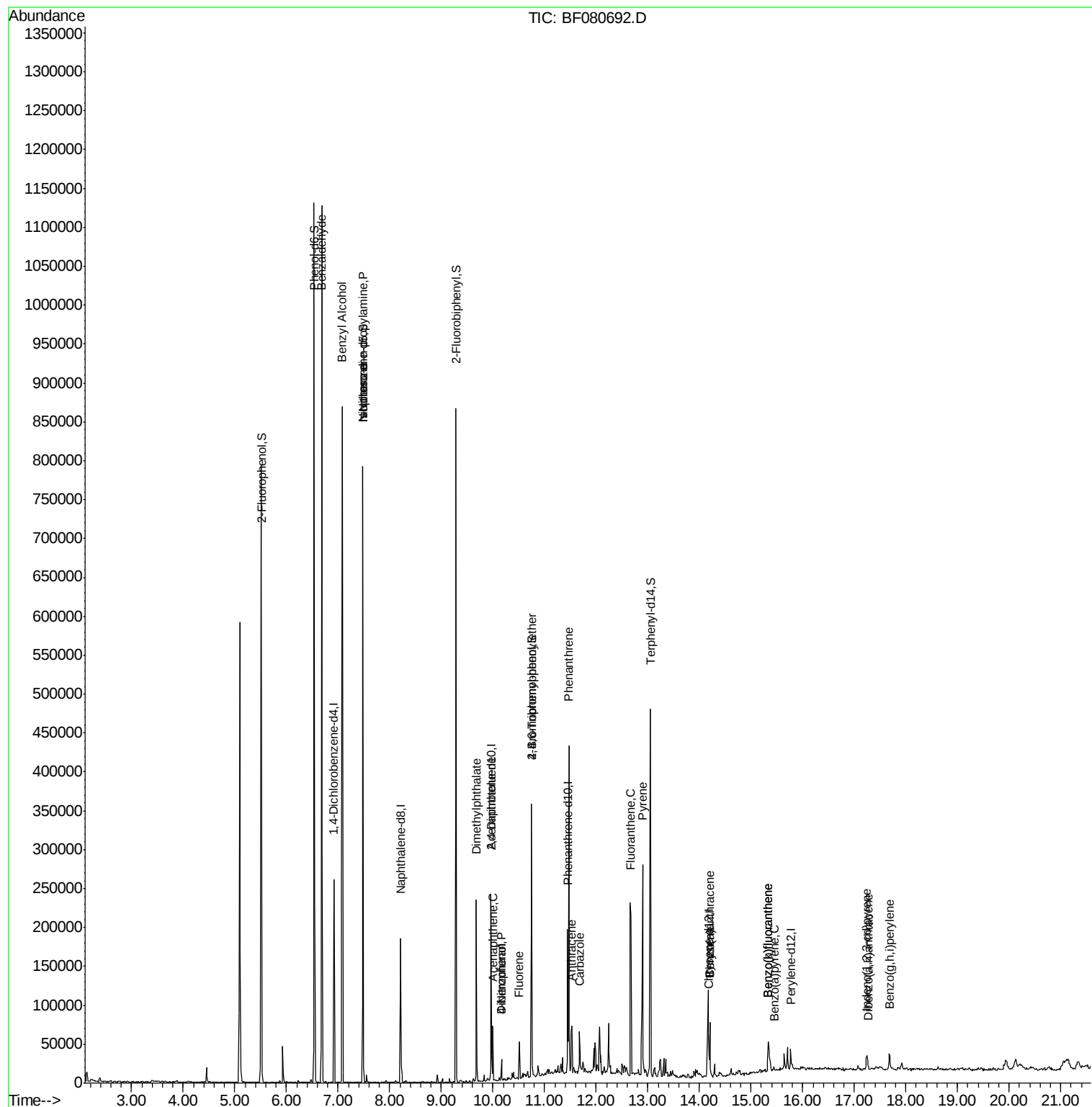
						Qvalue
9) Benzaldehyde	6.68	77	6905	4.48	ng	84
15) Benzyl Alcohol	7.08	79	4133	2.22	ng	# 38
19) n-Nitroso-di-n-propylamine	7.48	70	28826	21.52	ng	# 65
25) Isophorone	7.48	82	186384	57.23	ng	# 63
49) Dimethylphthalate	9.68	163	78846	28.68	ng	97
51) Acenaphthene	10.00	154	14327	5.21	ng	98
54) Dibenzofuran	10.17	168	10374	2.75	ng	98
55) 4-Nitrophenol	10.17	139	3783	9.14	ng	# 2
56) 2,4-Dinitrotoluene	9.96	165	5415	8.73	ng	# 33
57) Fluorene	10.51	166	12158	4.24	ng	98
66) 4-Bromophenyl-phenylether	10.75	248	2958	4.64	ng	# 1
70) Phenanthrene	11.47	178	143131	42.03	ng	98
71) Anthracene	11.53	178	35782	10.81	ng	99
72) Carbazole	11.68	167	13322	4.82	ng	97
74) Fluoranthene	12.67	202	132854	49.74	ng	98
77) Pyrene	12.90	202	111338	55.30	ng	99
80) Benzo(a)anthracene	14.20	228	29412	21.11	ng	96
82) Chrysene	14.20	228	29412	21.17	ng	99
85) Indeno(1,2,3-cd)pyrene	17.24	276	14668	25.03	ng	94
87) Benzo(b)fluoranthene	15.33	252	29784	32.20	ng	97
88) Benzo(k)fluoranthene	15.33	252	29784	35.11	ng	97
89) Benzo(a)pyrene	15.45	252	3508	4.96	ng	95
90) Dibenzo(a,h)anthracene	17.27	278	3818	7.86	ng	# 80
91) Benzo(g,h,i)perylene	17.68	276	19167	40.68	ng	98

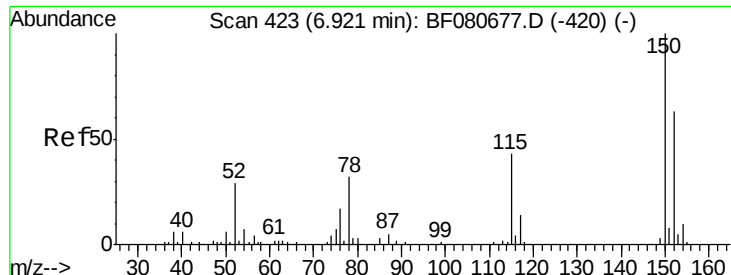
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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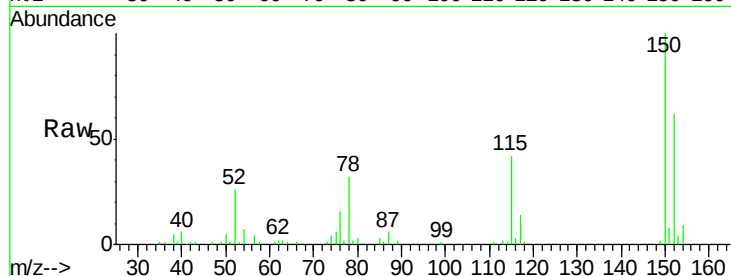




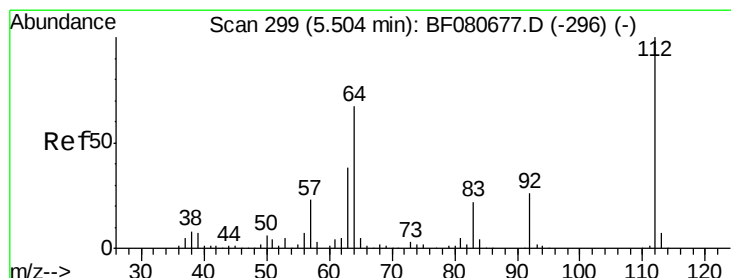
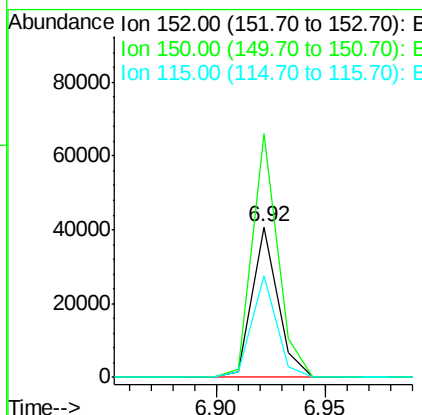
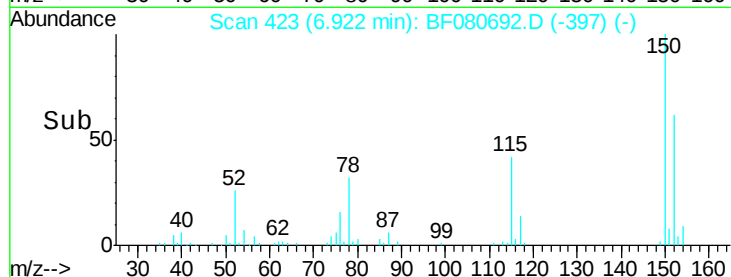
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF080692.D
 Acq: 28 Jul 2015 2:01

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3

Tgt Ion:152 Resp: 33692
 Ion Ratio Lower Upper
 152 100
 150 161.8 127.7 191.5
 115 67.6 54.2 81.4

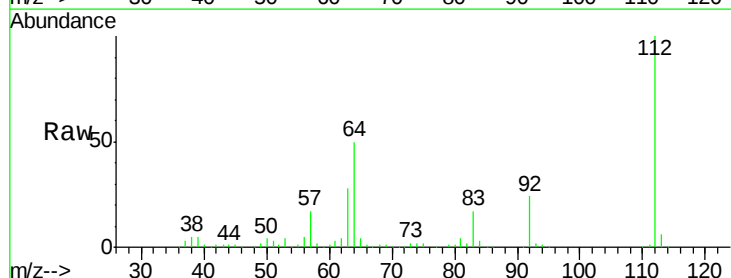


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

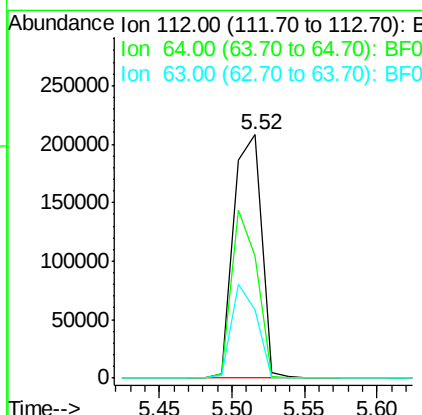
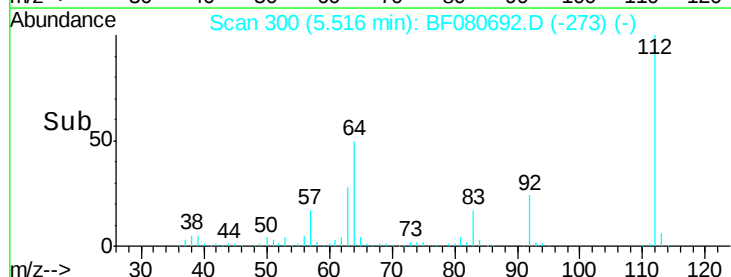


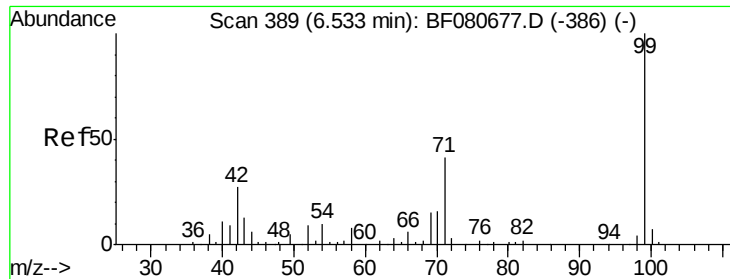
#5
 2-Fluorophenol
 Concen: 130.88 ng
 RT: 5.52 min Scan# 300
 Delta R.T. 0.01 min
 Lab File: BF080692.D
 Acq: 28 Jul 2015 2:01

Tgt Ion:112 Resp: 276866
 Ion Ratio Lower Upper
 112 100
 64 50.1 53.2 79.8#
 63 27.9 30.4 45.6#



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: 135.49 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF080692.D

Acq: 28 Jul 2015 2:01

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3

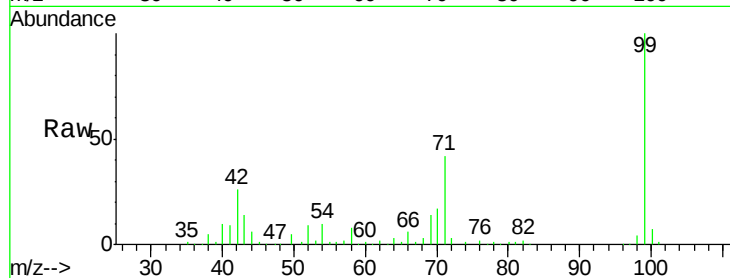
Tgt Ion: 99 Resp: 308366

Ion Ratio Lower Upper

99 100

42 26.2 21.8 32.8

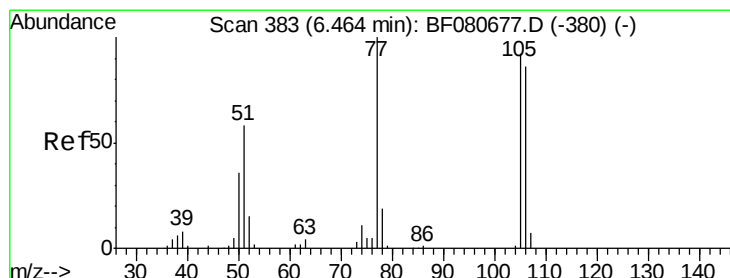
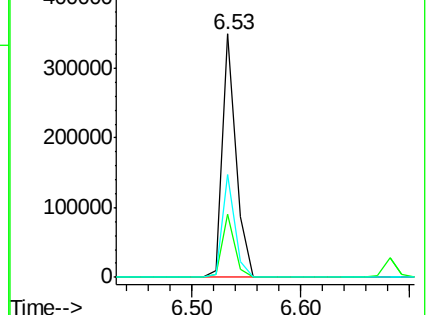
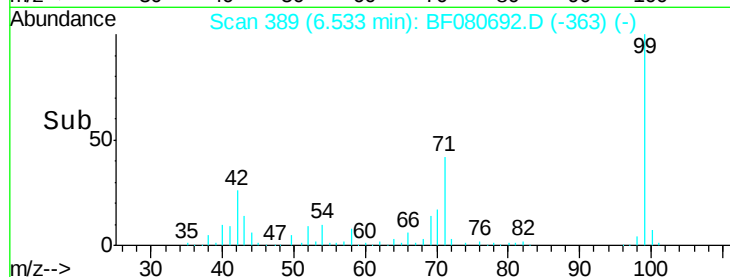
71 42.5 32.9 49.3



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



#9

Benzaldehyde

Concen: 4.48 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.22 min

Lab File: BF080692.D

Acq: 28 Jul 2015 2:01

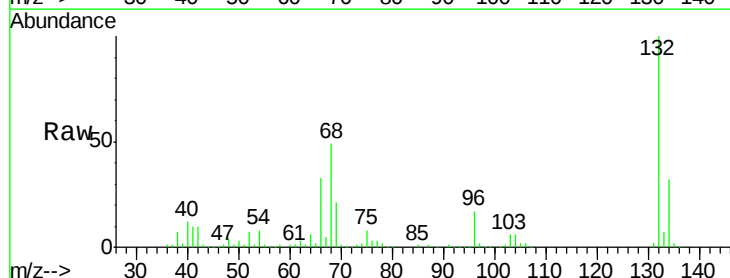
Tgt Ion: 77 Resp: 6905

Ion Ratio Lower Upper

77 100

105 79.7 72.1 112.1

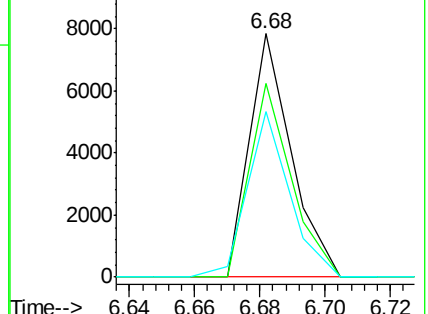
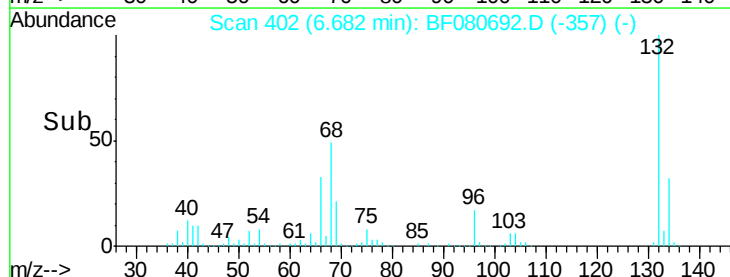
106 68.2 65.5 105.5

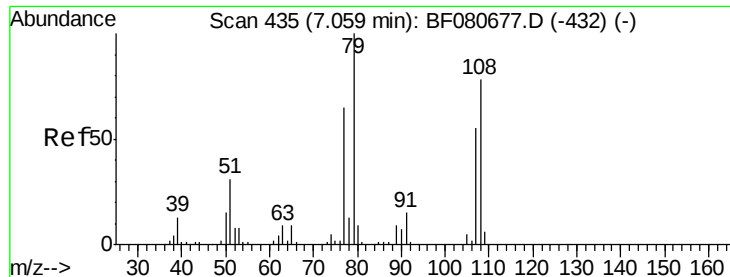


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.22 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.02 min

Lab File: BF080692.D

Acq: 28 Jul 2015 2:01

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3

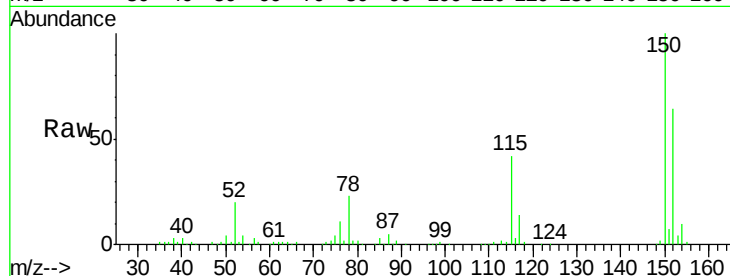
Tgt Ion: 79 Resp: 4133

Ion Ratio Lower Upper

79 100

108 26.9 62.7 94.1#

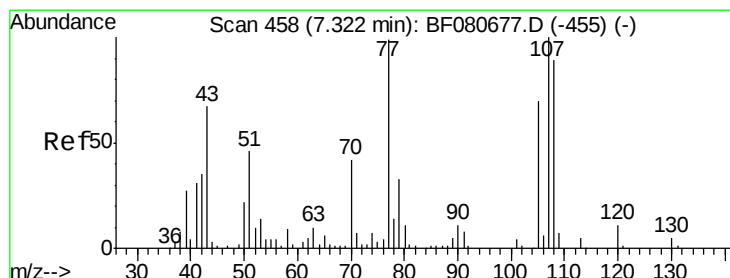
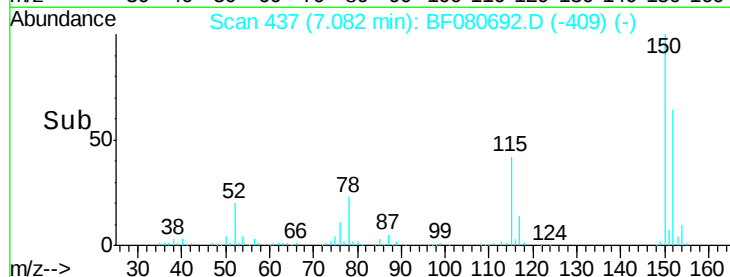
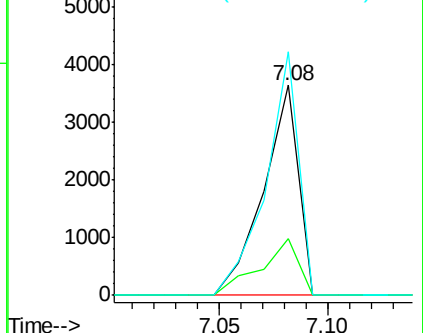
77 115.8 51.8 77.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 21.52 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.16 min

Lab File: BF080692.D

Acq: 28 Jul 2015 2:01

Tgt Ion: 70 Resp: 28826

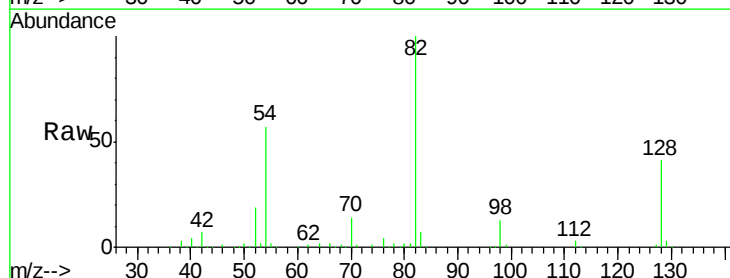
Ion Ratio Lower Upper

70 100

42 50.3 67.4 101.2#

101 0.0 7.3 10.9#

130 1.2 10.5 15.7#

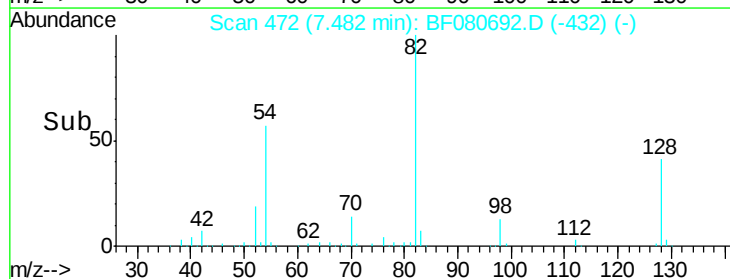
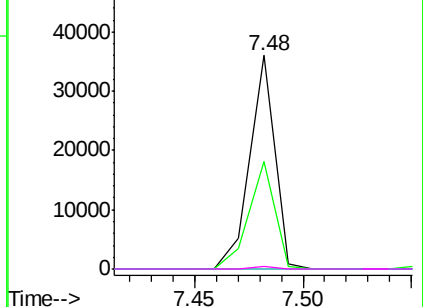


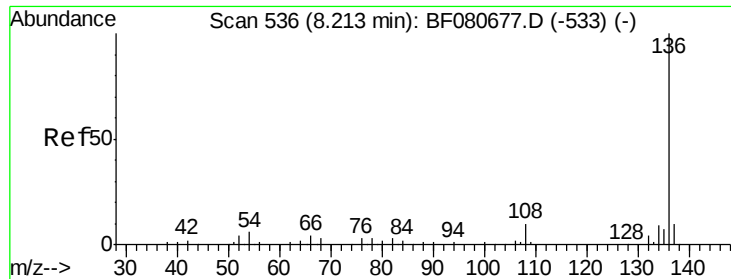
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

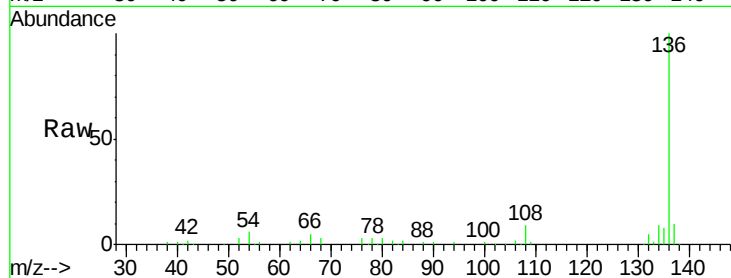




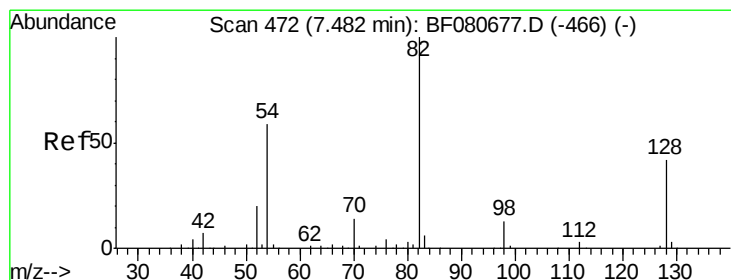
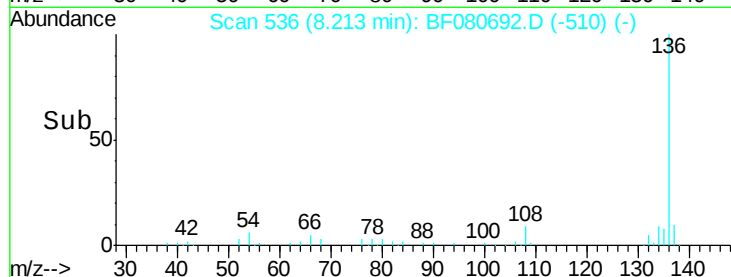
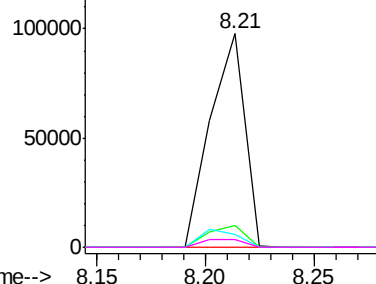
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF080692.D
Acq: 28 Jul 2015 2:01

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3

Tgt Ion:	136	Resp:	107494
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.2	12.2
54	5.7	5.0	7.4
68	3.4	2.7	4.1

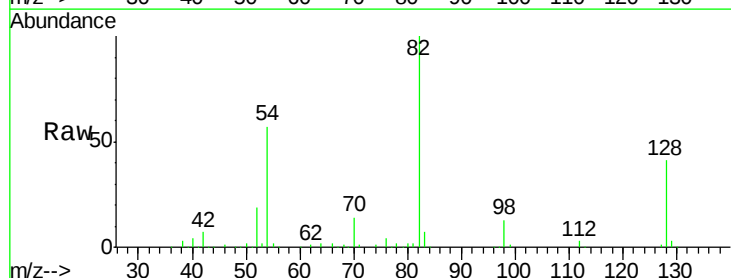


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

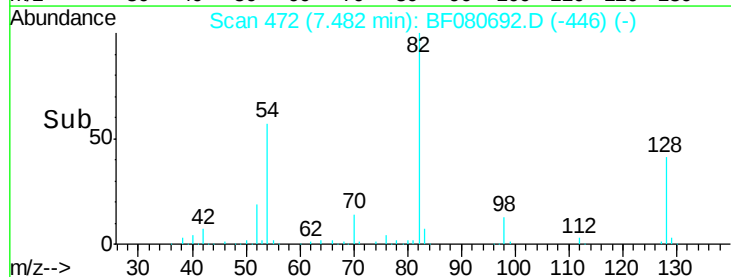
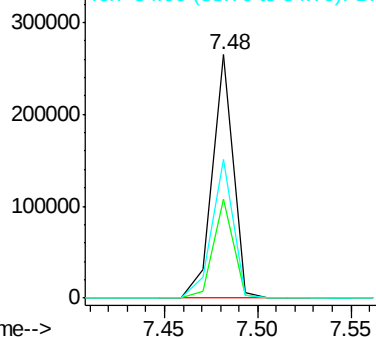


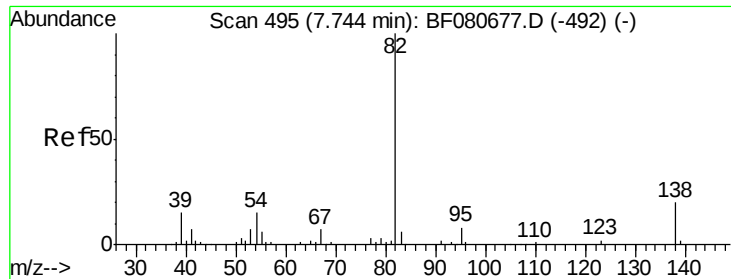
#23
Nitrobenzene-d5
Concen: 99.04 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF080692.D
Acq: 28 Jul 2015 2:01

Tgt Ion:	82	Resp:	207217
Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.7	50.5
54	56.7	47.3	70.9



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





#25

Isophorone

Concen: 57.23 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.26 min

Lab File: BF080692.D

Acq: 28 Jul 2015 2:01

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3

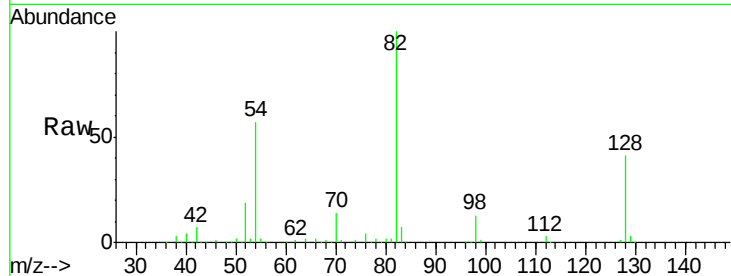
Tgt Ion: 82 Resp: 186384

Ion Ratio Lower Upper

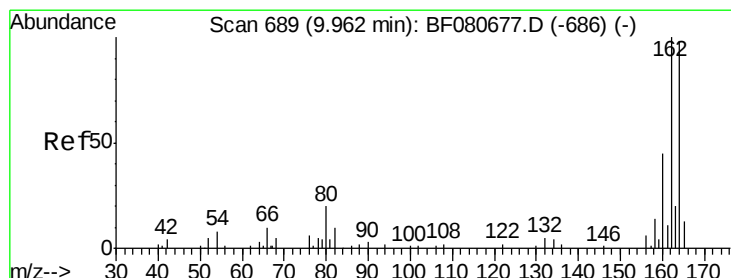
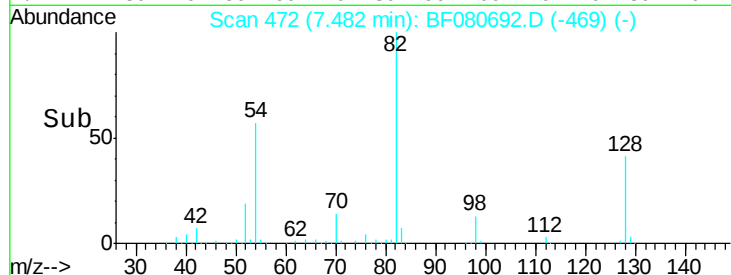
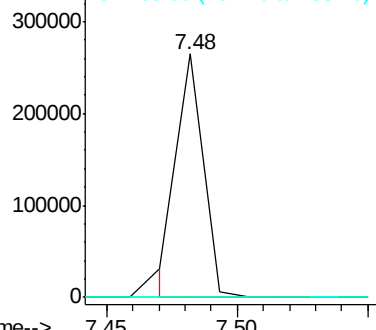
82 100

95 0.0 6.2 9.2#

138 0.0 15.8 23.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF080692.D

Acq: 28 Jul 2015 2:01

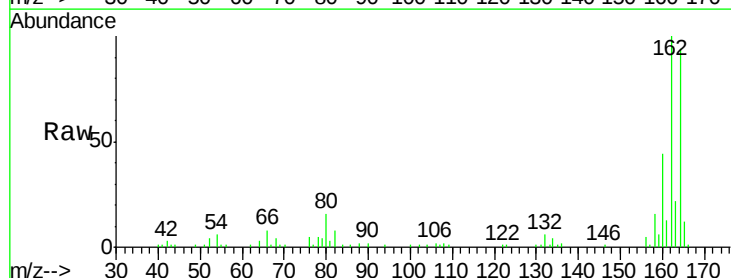
Tgt Ion:164 Resp: 42286

Ion Ratio Lower Upper

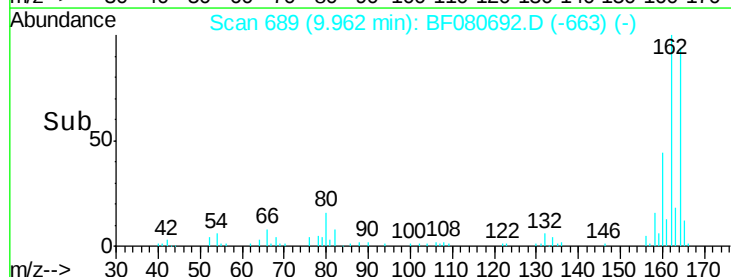
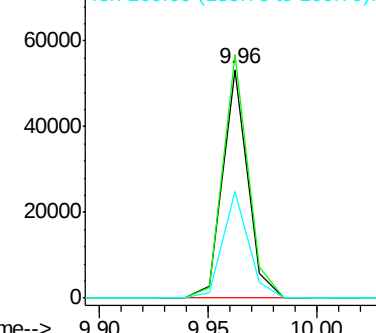
164 100

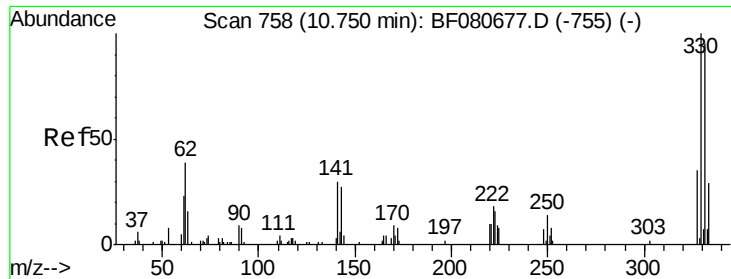
162 106.5 82.0 123.0

160 46.9 36.7 55.1



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

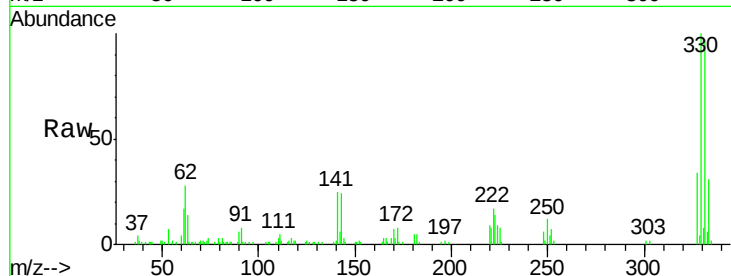




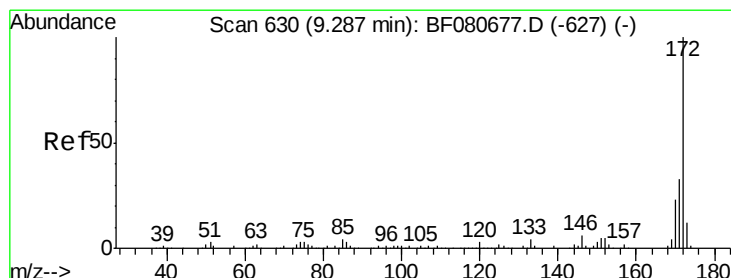
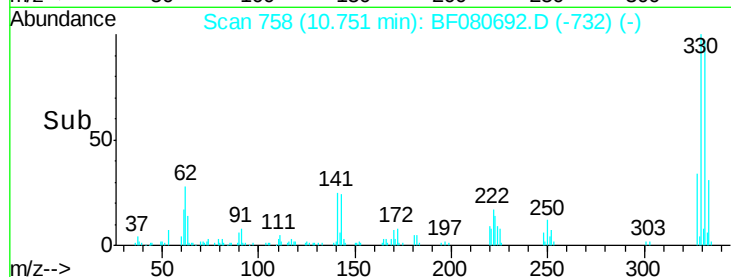
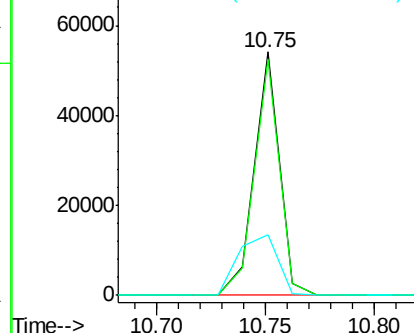
#41
 2,4,6-Tribromophenol
 Concen: 117.26 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF080692.D
 Acq: 28 Jul 2015 2:01

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	39.0	30.6	45.8

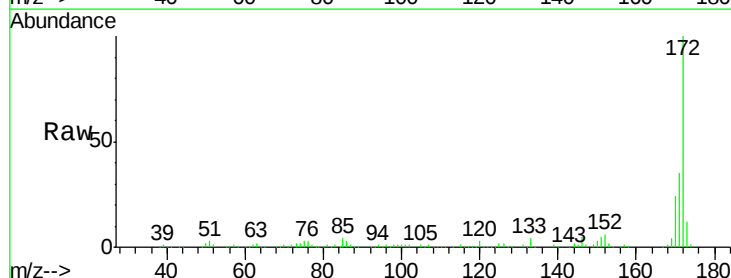


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

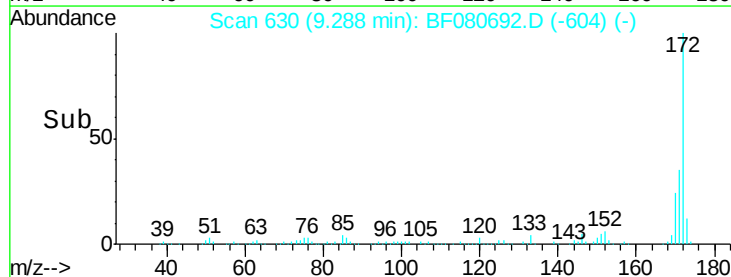
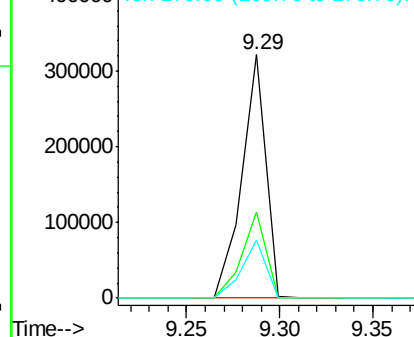


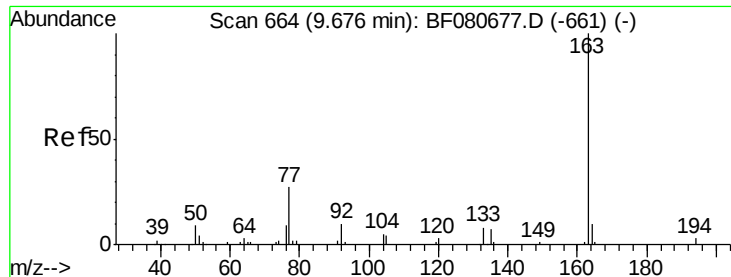
#44
 2-Fluorobiphenyl
 Concen: 86.21 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF080692.D
 Acq: 28 Jul 2015 2:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.6	39.8
170	23.7	18.6	28.0



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





#49

Dimethylphthalate

Concen: 28.68 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF080692.D

Acq: 28 Jul 2015 2:01

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3

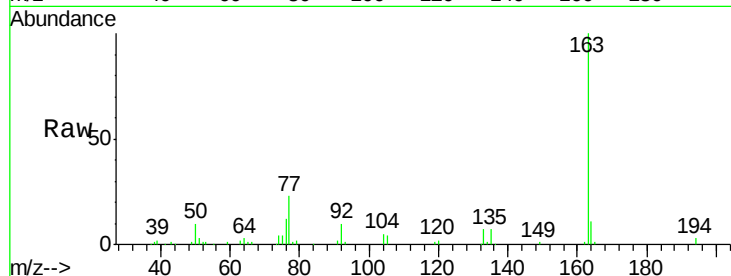
Tgt Ion:163 Resp: 78846

Ion Ratio Lower Upper

163 100

194 3.3 2.4 3.6

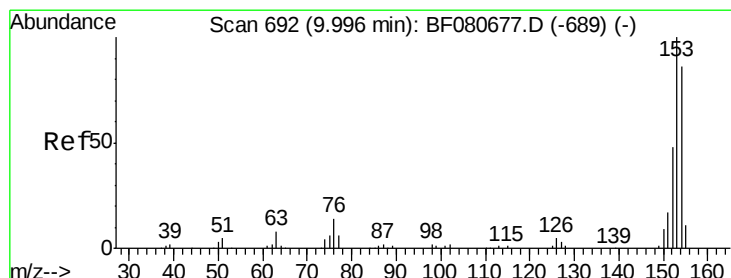
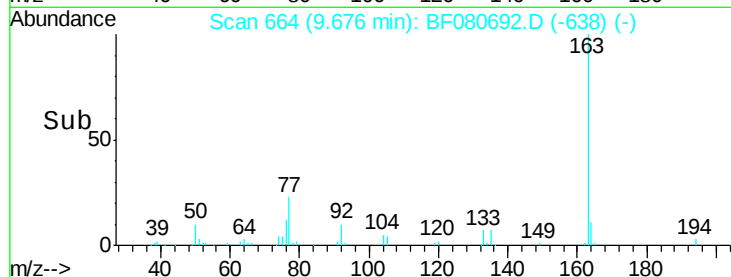
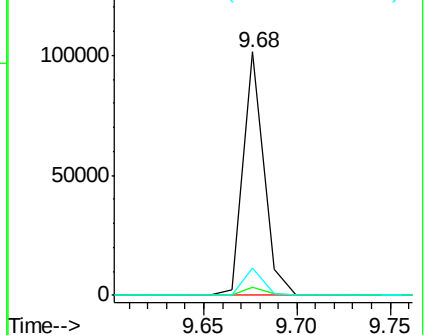
164 11.3 8.1 12.1



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



#51

Acenaphthene

Concen: 5.21 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF080692.D

Acq: 28 Jul 2015 2:01

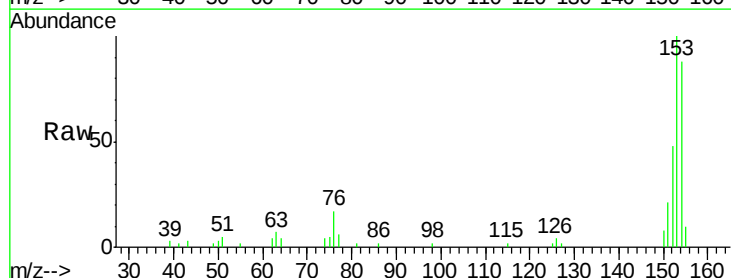
Tgt Ion:154 Resp: 14327

Ion Ratio Lower Upper

154 100

153 113.5 92.8 139.2

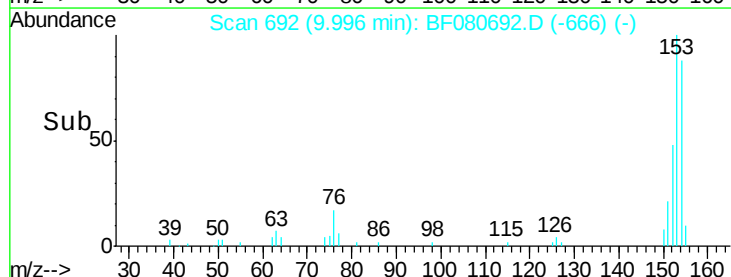
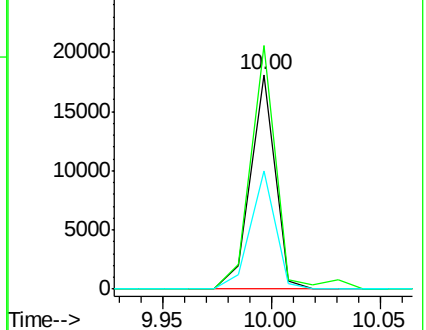
152 55.0 44.6 66.8

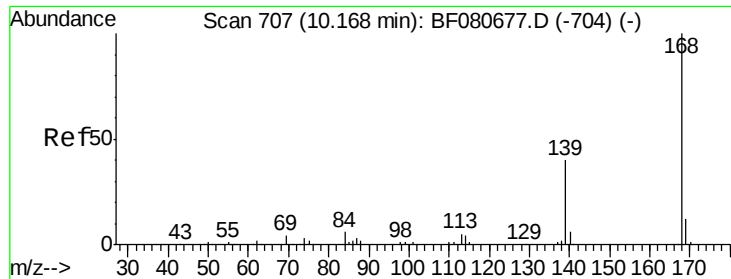


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

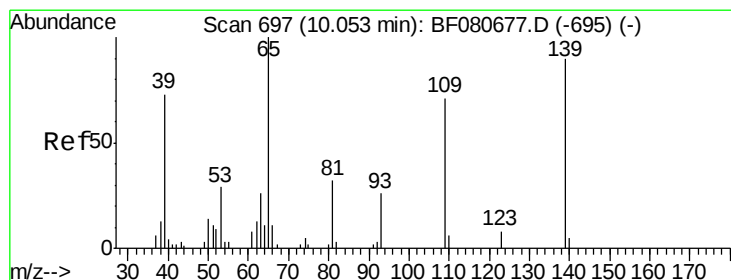
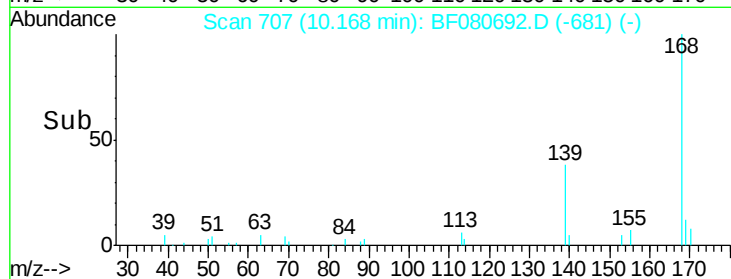
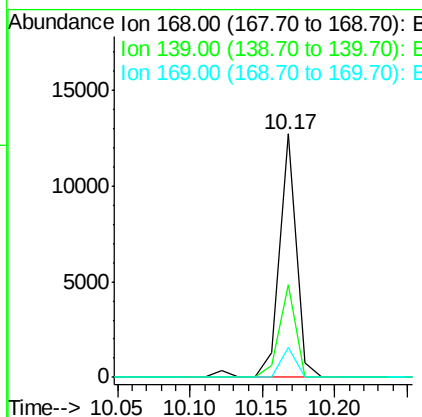
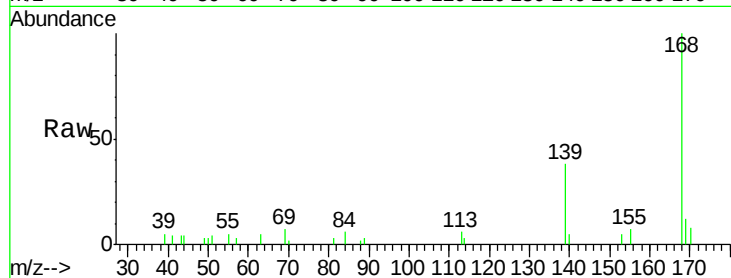




#54
Dibenzenofuran
Concen: 2.75 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF080692.D
Acq: 28 Jul 2015 2:01

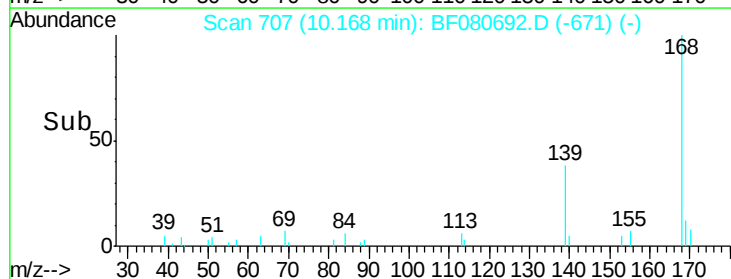
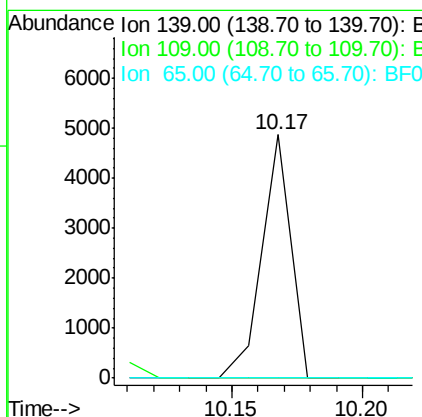
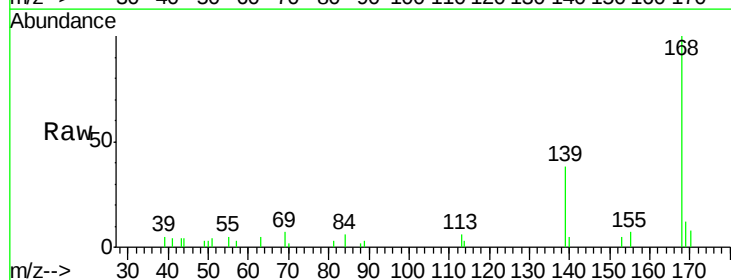
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3

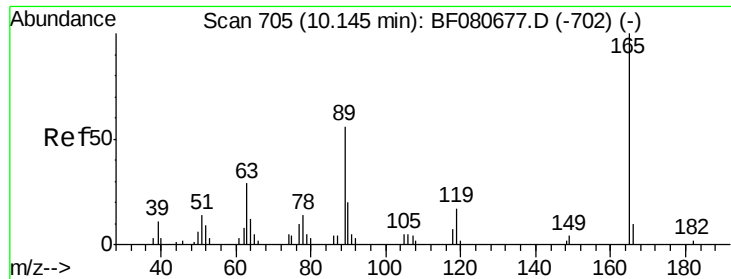
Tgt Ion:168 Resp: 10374
Ion Ratio Lower Upper
168 100
139 38.3 31.8 47.8
169 12.3 9.8 14.6



#55
4-Nitrophenol
Concen: 9.14 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.11 min
Lab File: BF080692.D
Acq: 28 Jul 2015 2:01

Tgt Ion:139 Resp: 3783
Ion Ratio Lower Upper
139 100
109 0.0 58.4 98.4#
65 0.0 90.5 130.5#

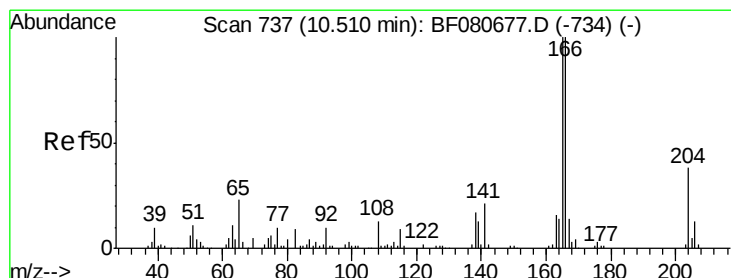
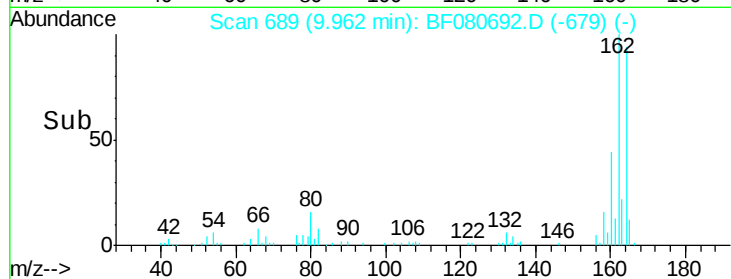
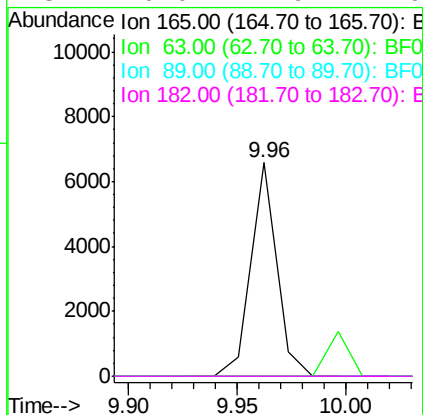
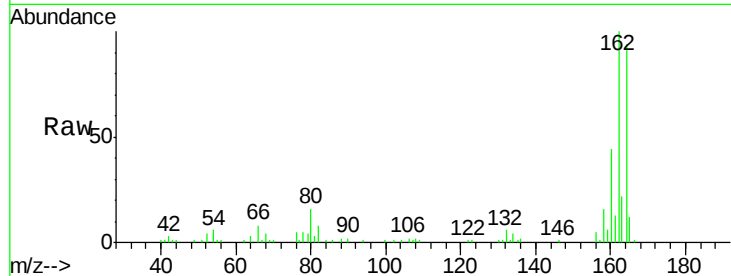




#56
 2,4-Dinitrotoluene
 Concen: 8.73 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.18 min
 Lab File: BF080692.D
 Acq: 28 Jul 2015 2:01

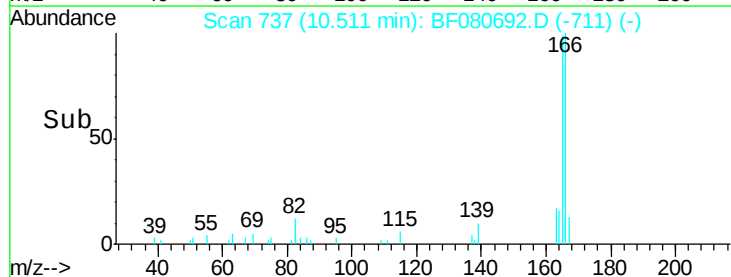
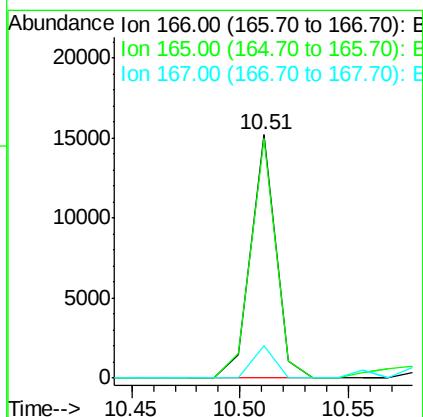
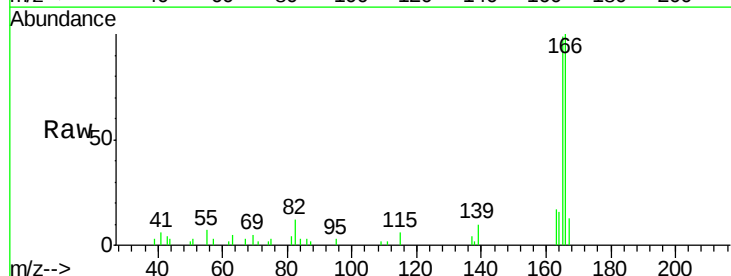
Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3

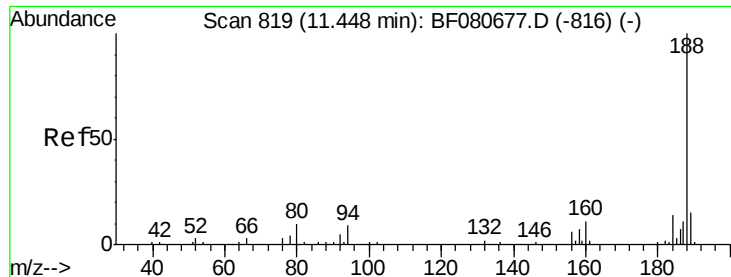
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	23.2	34.8#
89	0.0	44.6	67.0#
182	0.0	1.9	2.9#



#57
 Fluorene
 Concen: 4.24 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF080692.D
 Acq: 28 Jul 2015 2:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.2	120.4
167	13.3	11.0	16.4

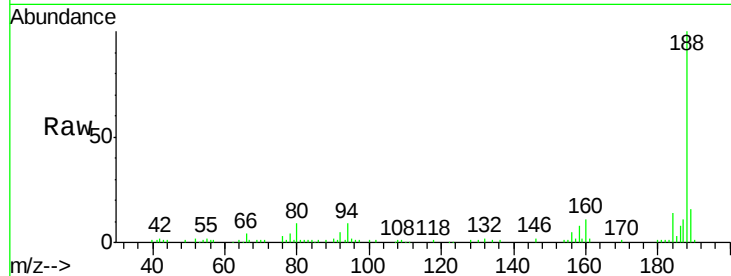




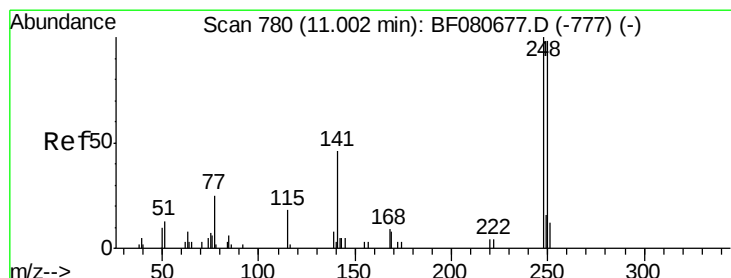
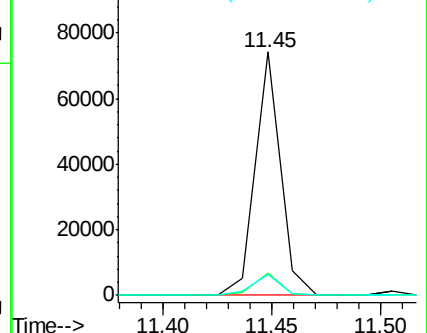
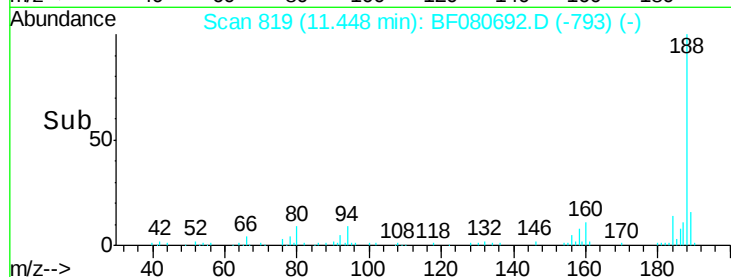
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF080692.D
 Acq: 28 Jul 2015 2:01

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3

Tgt Ion:188 Resp: 59668
 Ion Ratio Lower Upper
 188 100
 94 9.3 7.2 10.8
 80 8.7 8.2 12.2

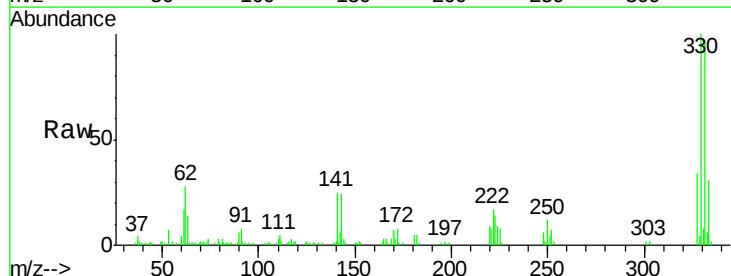


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

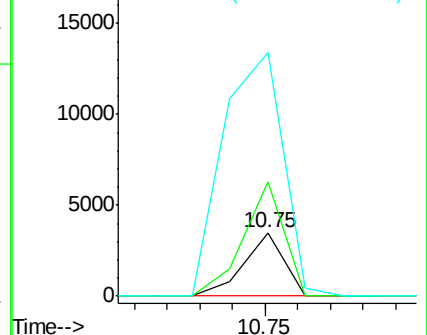
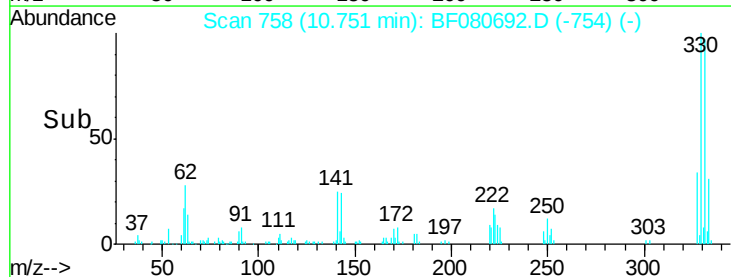


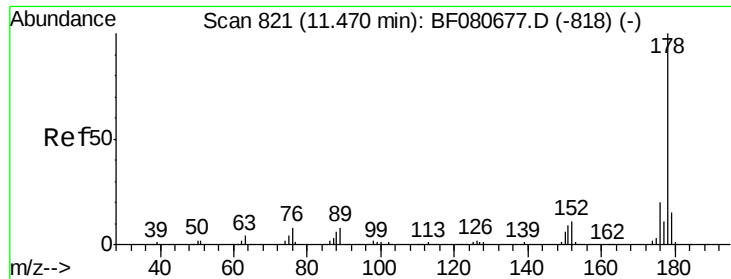
#66
 4-Bromophenyl-phenylether
 Concen: 4.64 ng
 RT: 10.75 min Scan# 758
 Delta R.T. -0.25 min
 Lab File: BF080692.D
 Acq: 28 Jul 2015 2:01

Tgt Ion:248 Resp: 2958
 Ion Ratio Lower Upper
 248 100
 250 178.7 78.5 117.7#
 141 381.9 36.8 55.2#



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

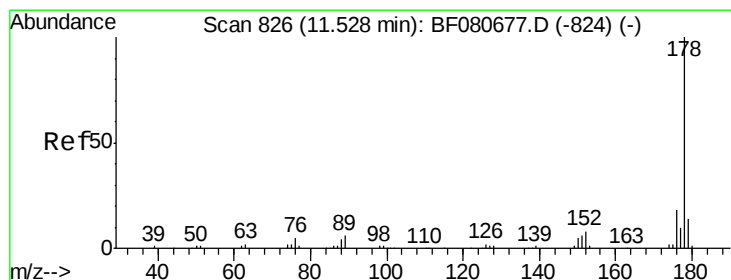
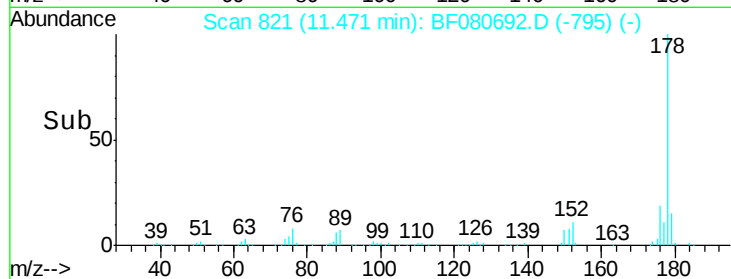
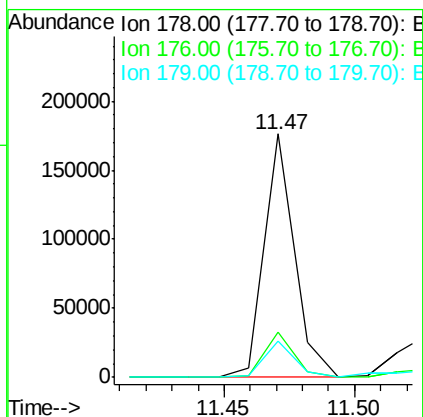
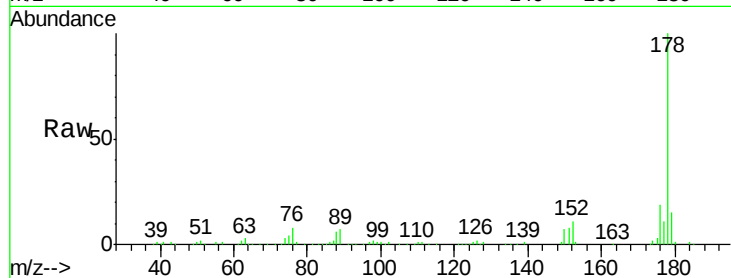




#70
Phenanthrene
Concen: 42.03 ng
RT: 11.47 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF080692.D
Acq: 28 Jul 2015 2:01

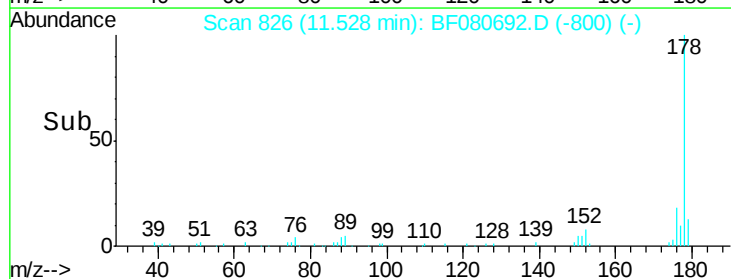
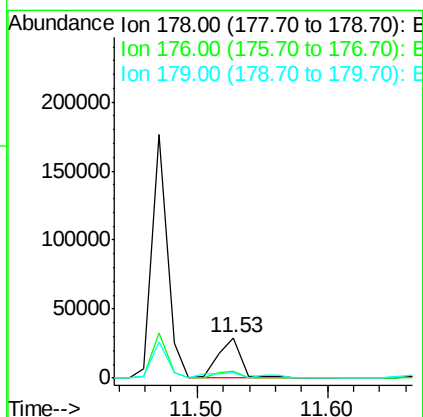
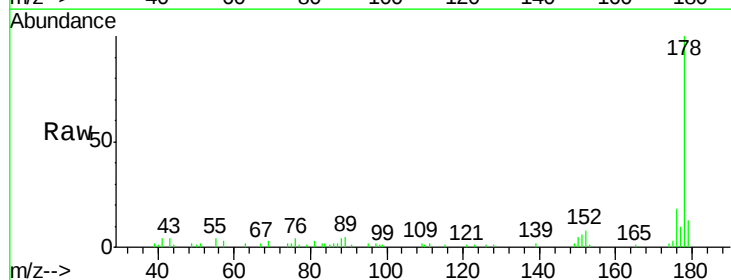
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3

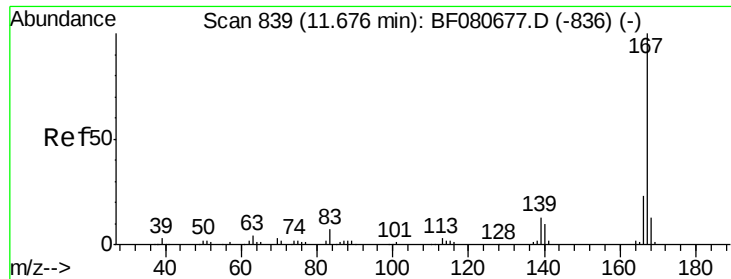
Tgt Ion:178 Resp: 143131
Ion Ratio Lower Upper
178 100
176 18.5 15.6 23.4
179 15.0 12.3 18.5



#71
Anthracene
Concen: 10.81 ng
RT: 11.53 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF080692.D
Acq: 28 Jul 2015 2:01

Tgt Ion:178 Resp: 35782
Ion Ratio Lower Upper
178 100
176 18.2 14.3 21.5
179 13.3 10.8 16.2





#72

Carbazole

Concen: 4.82 ng

RT: 11.68 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF080692.D

Acq: 28 Jul 2015 2:01

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3

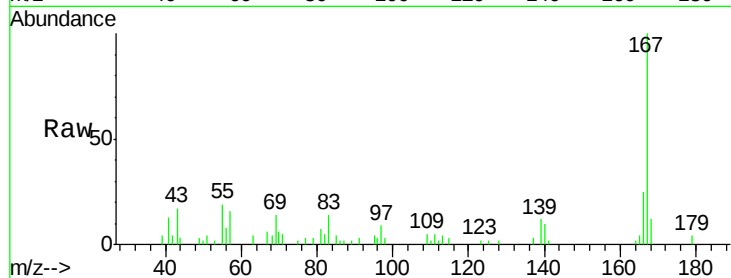
Tgt Ion:167 Resp: 13322

Ion Ratio Lower Upper

167 100

166 25.1 18.1 27.1

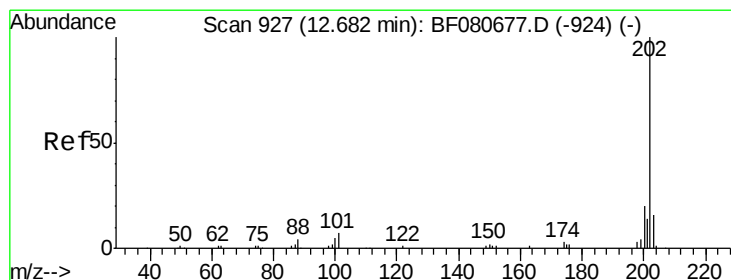
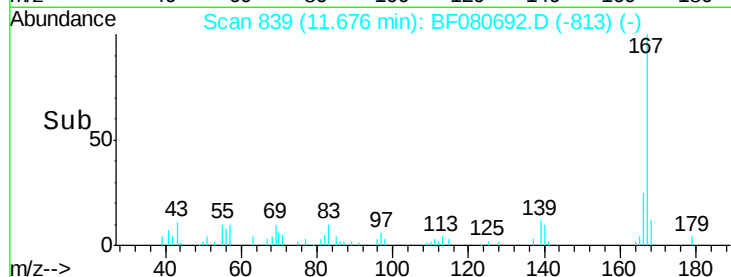
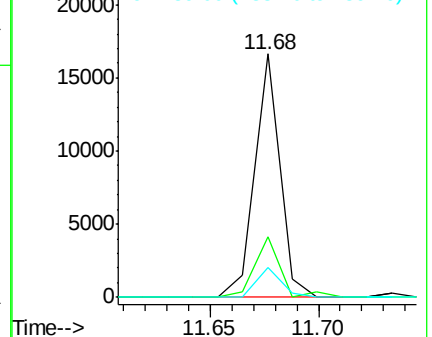
139 12.5 10.1 15.1



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: 49.74 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF080692.D

Acq: 28 Jul 2015 2:01

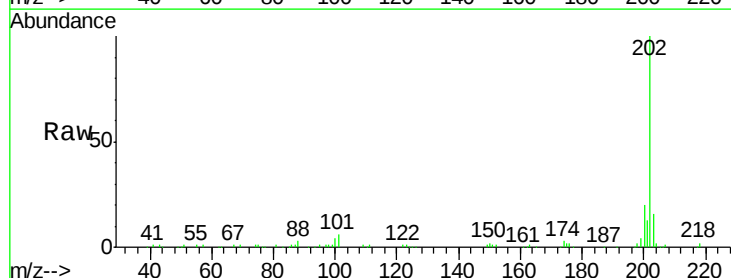
Tgt Ion:202 Resp: 132854

Ion Ratio Lower Upper

202 100

101 5.8 0.0 27.3

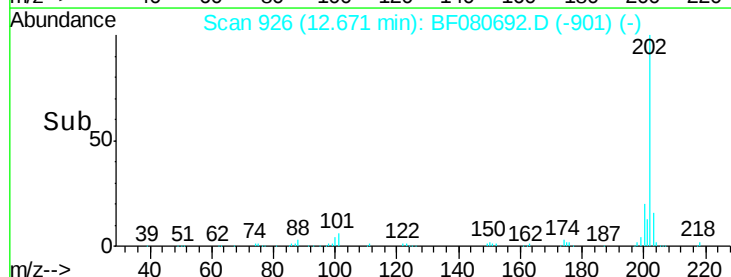
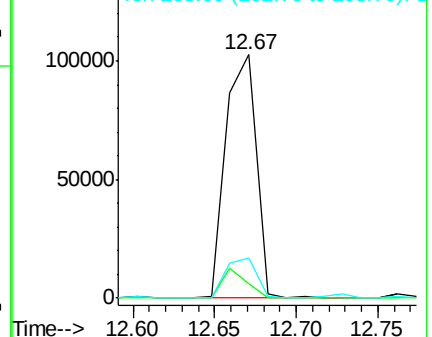
203 16.3 0.0 36.0

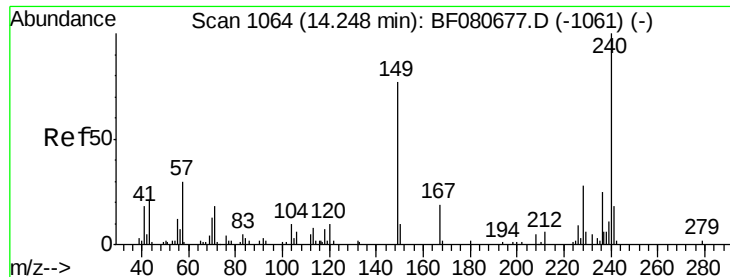


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.18 min Scan# 1058

Delta R.T. -0.07 min

Lab File: BF080692.D

Acq: 28 Jul 2015 2:01

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3

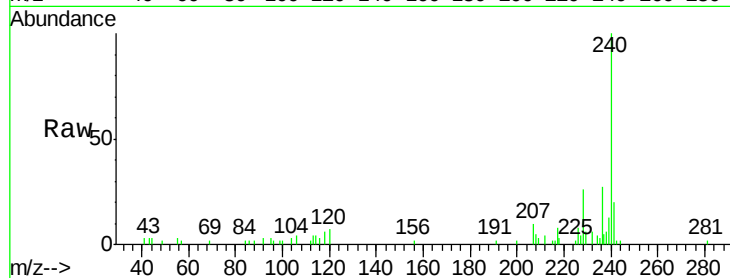
Tgt Ion:240 Resp: 24050

Ion Ratio Lower Upper

240 100

120 6.7 8.0 12.0#

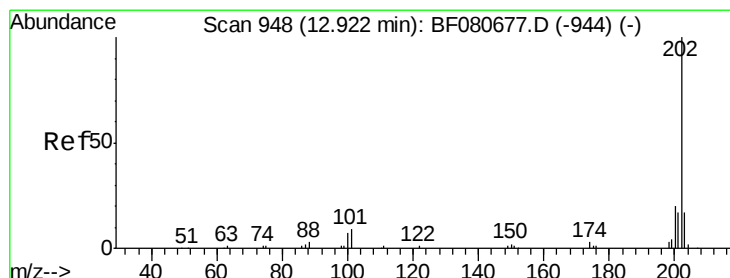
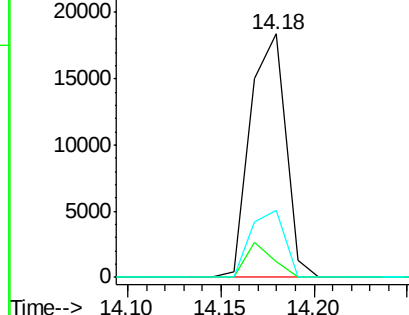
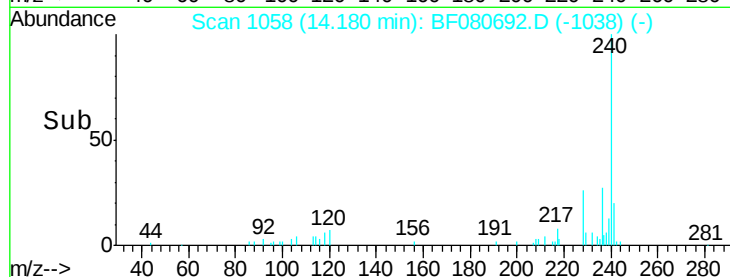
236 27.5 20.0 30.0



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: 55.30 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF080692.D

Acq: 28 Jul 2015 2:01

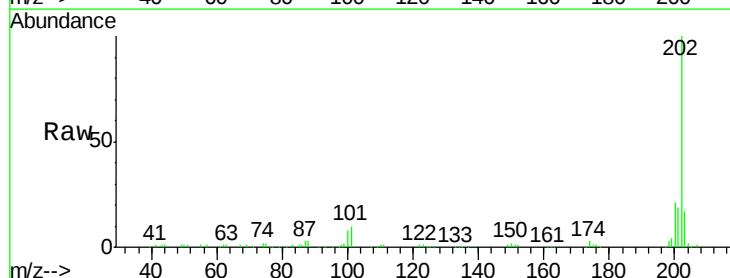
Tgt Ion:202 Resp: 111338

Ion Ratio Lower Upper

202 100

200 21.2 16.3 24.5

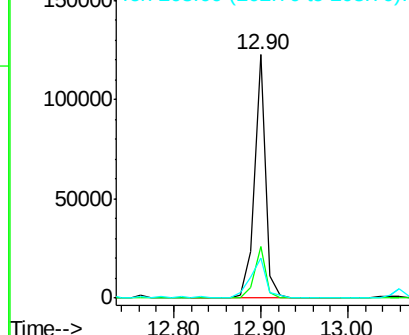
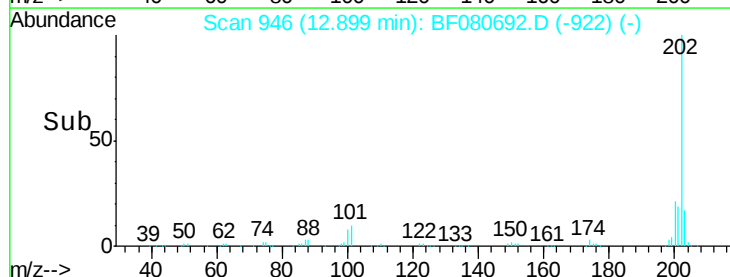
203 16.6 13.4 20.2

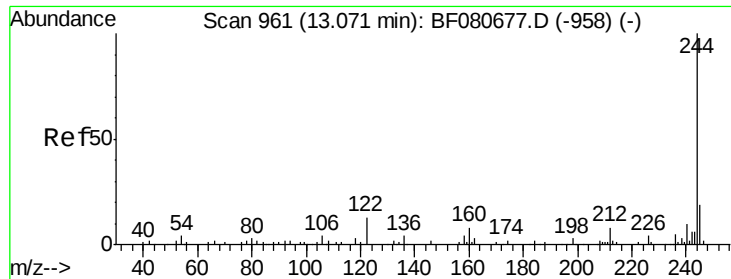


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

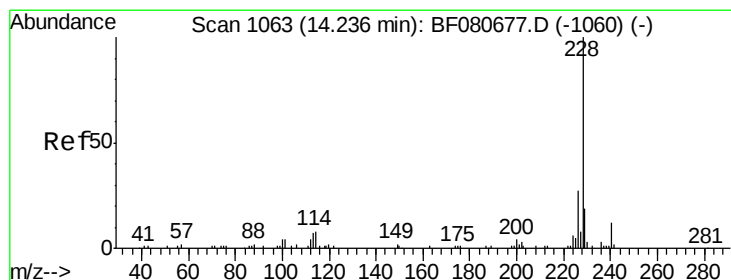
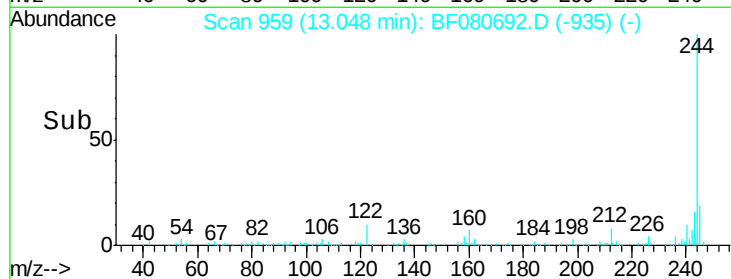
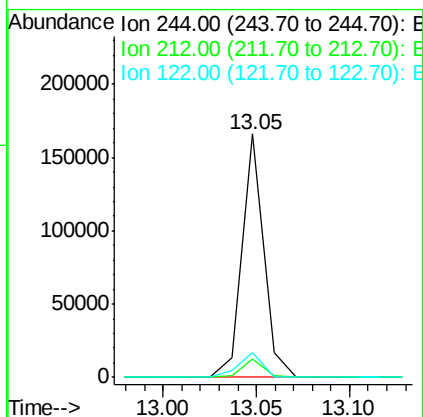
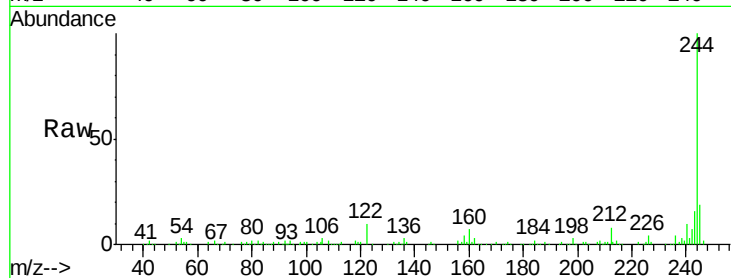




#78
 Terphenyl-d14
 Concen: 96.61 ng
 RT: 13.05 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BF080692.D
 Acq: 28 Jul 2015 2:01

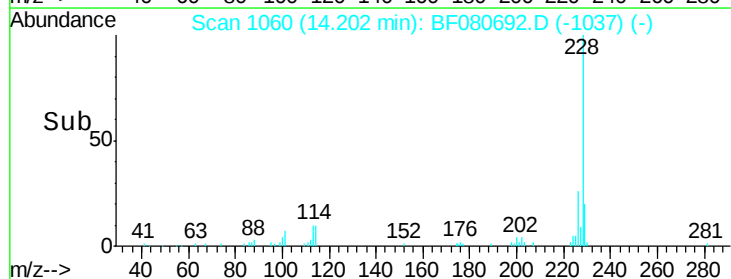
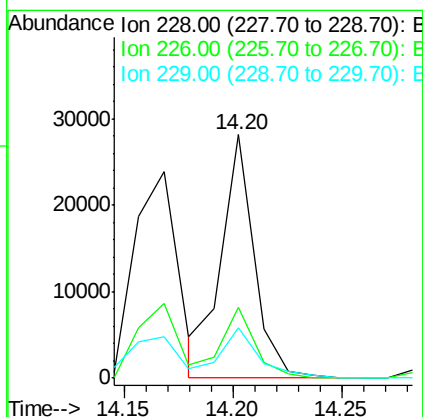
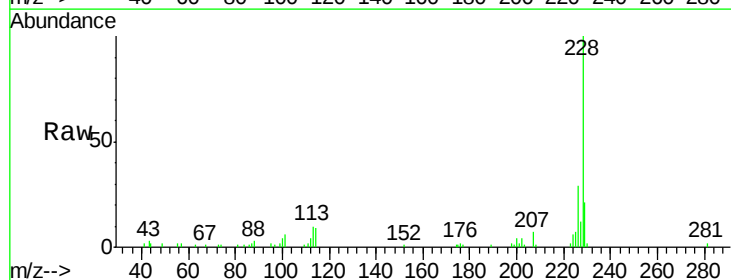
Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-3

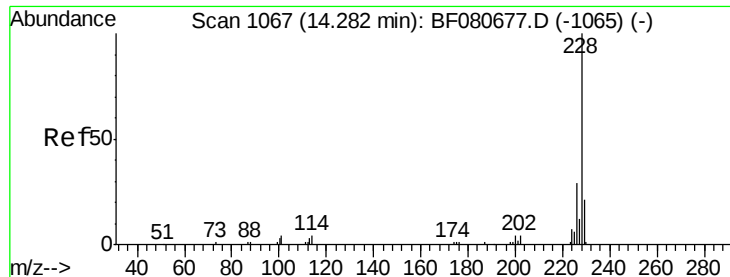
Tgt Ion:244 Resp: 135631
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 10.1 10.2 15.2#



#80
 Benzo(a)anthracene
 Concen: 21.11 ng
 RT: 14.20 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BF080692.D
 Acq: 28 Jul 2015 2:01

Tgt Ion:228 Resp: 29412
 Ion Ratio Lower Upper
 228 100
 226 29.0 21.8 32.6
 229 20.6 14.9 22.3





#82

Chrysene

Concen: 21.17 ng

RT: 14.20 min Scan# 1060

Delta R.T. -0.08 min

Lab File: BF080692.D

Acq: 28 Jul 2015 2:01

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3

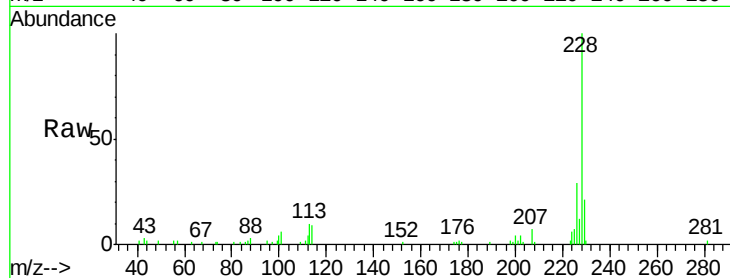
Tgt Ion: 228 Resp: 29412

Ion Ratio Lower Upper

228 100

226 29.0 23.0 34.4

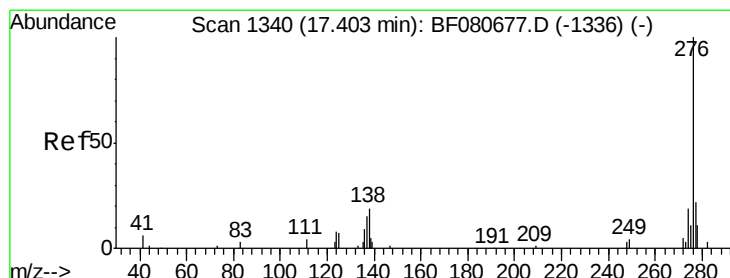
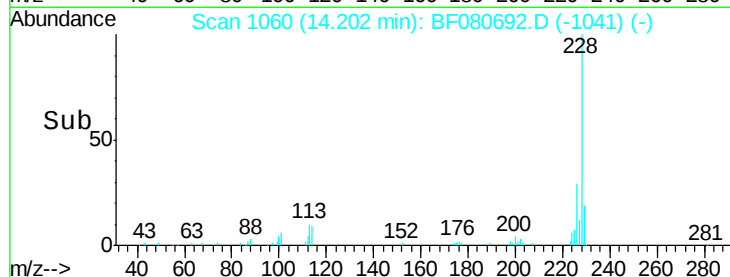
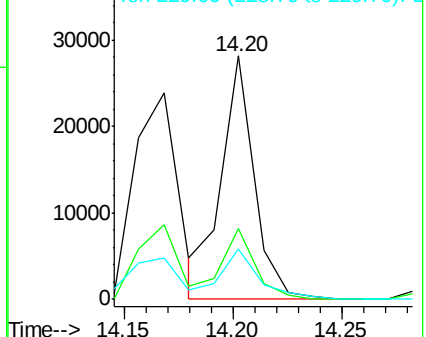
229 20.6 17.1 25.7



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: 25.03 ng

RT: 17.24 min Scan# 1326

Delta R.T. -0.16 min

Lab File: BF080692.D

Acq: 28 Jul 2015 2:01

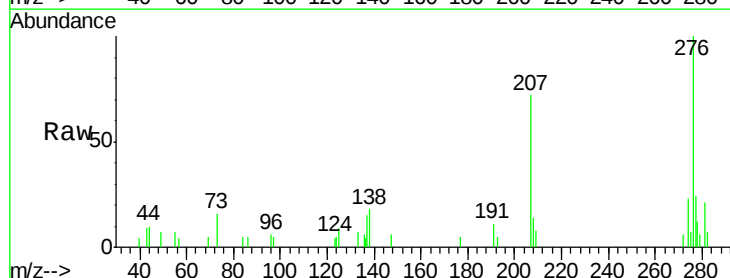
Tgt Ion: 276 Resp: 14668

Ion Ratio Lower Upper

276 100

138 20.7 19.7 29.5

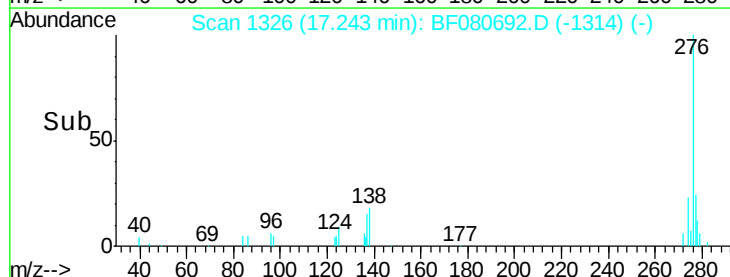
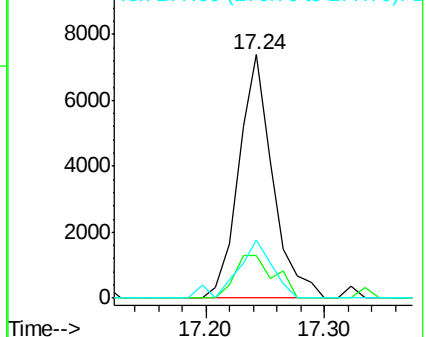
277 24.8 18.2 27.4

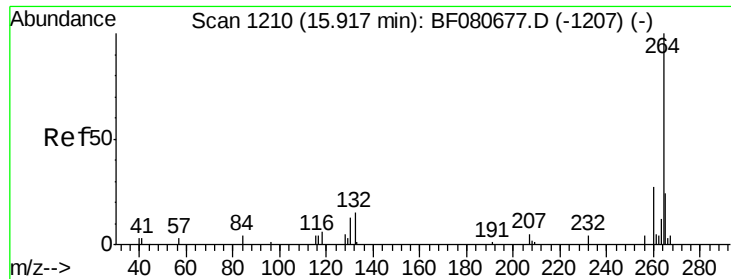


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

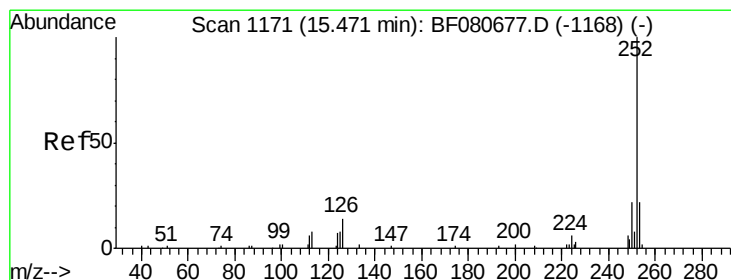
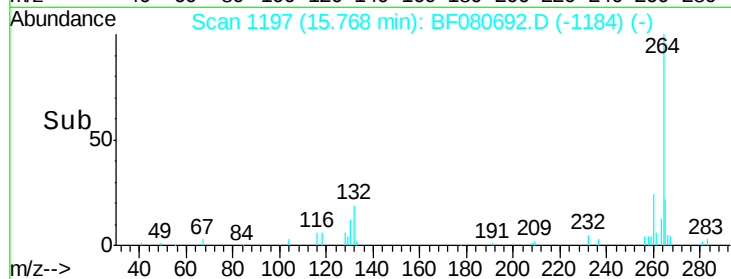
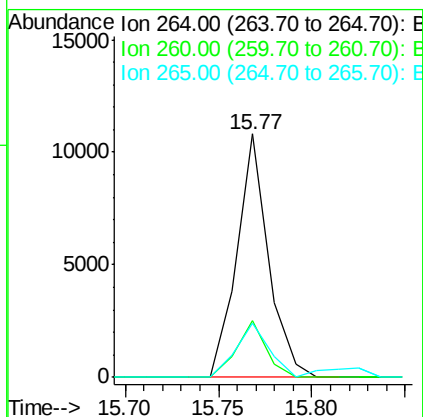
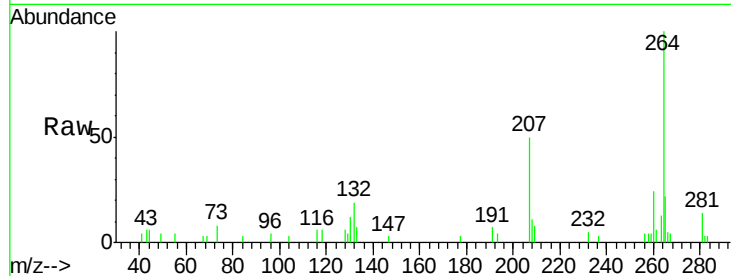




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.77 min Scan# 1197
Delta R.T. -0.15 min
Lab File: BF080692.D
Acq: 28 Jul 2015 2:01

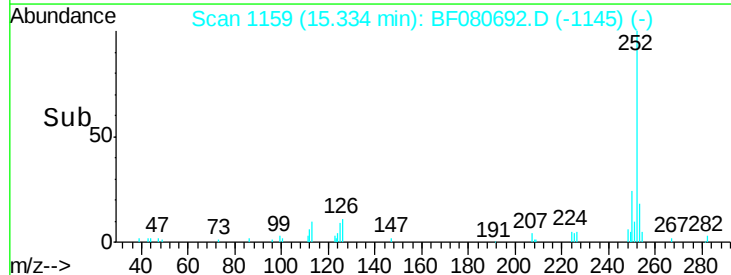
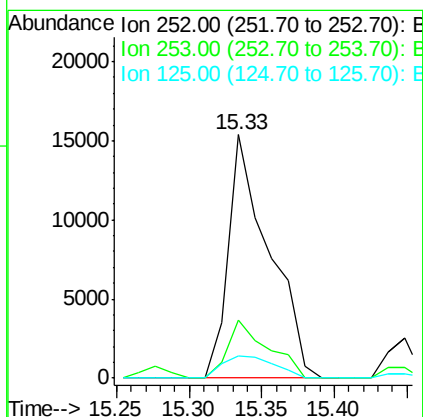
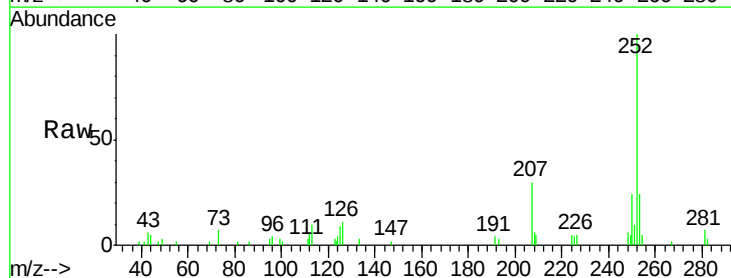
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3

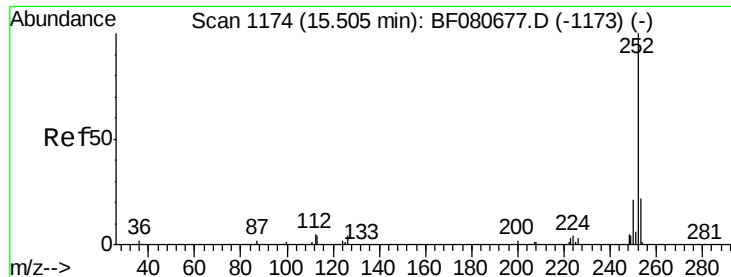
Tgt Ion: 264 Resp: 12704
Ion Ratio Lower Upper
264 100
260 23.5 21.6 32.4
265 22.4 19.3 28.9



#87
Benzo(b)fluoranthene
Concen: 32.20 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.14 min
Lab File: BF080692.D
Acq: 28 Jul 2015 2:01

Tgt Ion: 252 Resp: 29784
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 9.3 6.7 10.1





#88

Benzo(k)fluoranthene

Concen: 35.11 ng

RT: 15.33 min Scan# 1159

Delta R.T. -0.17 min

Lab File: BF080692.D

Acq: 28 Jul 2015 2:01

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-3

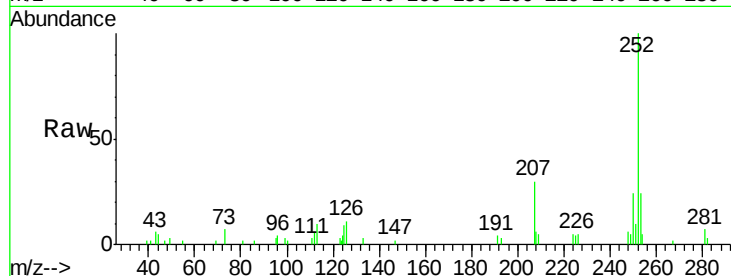
Tgt Ion:252 Resp: 29784

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.6

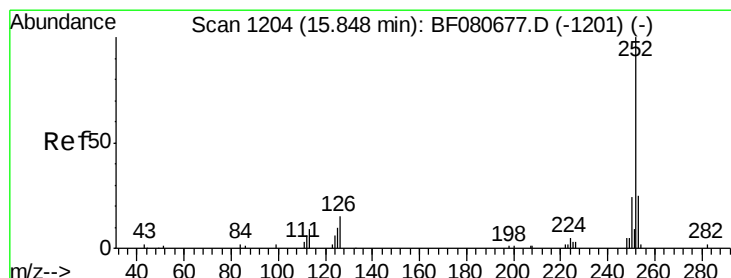
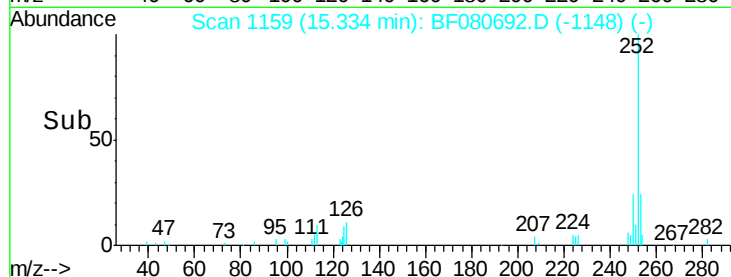
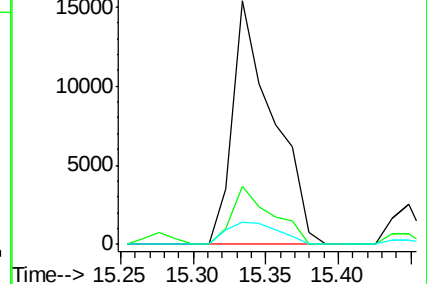
125 9.3 6.7 10.1



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: 4.96 ng

RT: 15.45 min Scan# 1169

Delta R.T. -0.40 min

Lab File: BF080692.D

Acq: 28 Jul 2015 2:01

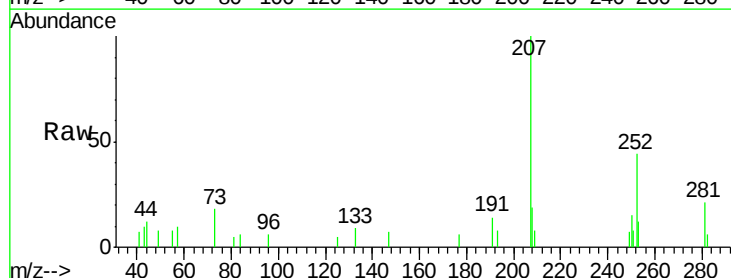
Tgt Ion:252 Resp: 3508

Ion Ratio Lower Upper

252 100

253 27.9 20.2 30.2

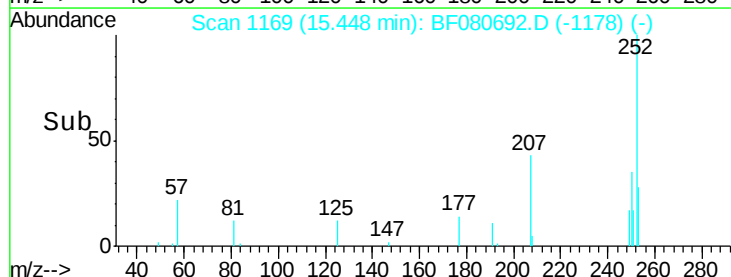
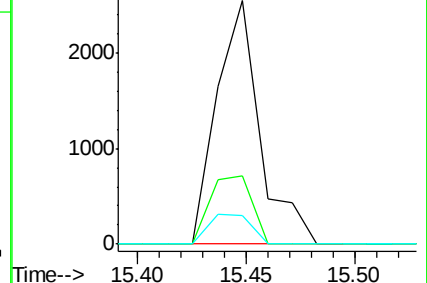
125 11.9 8.4 12.6

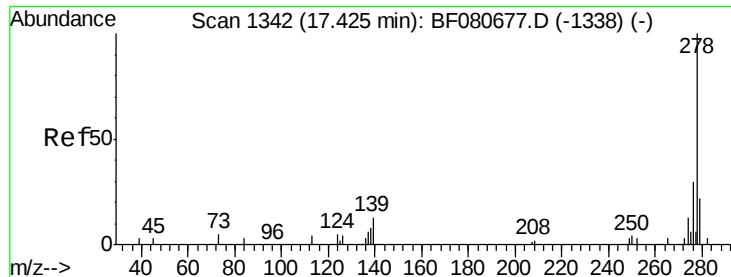


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

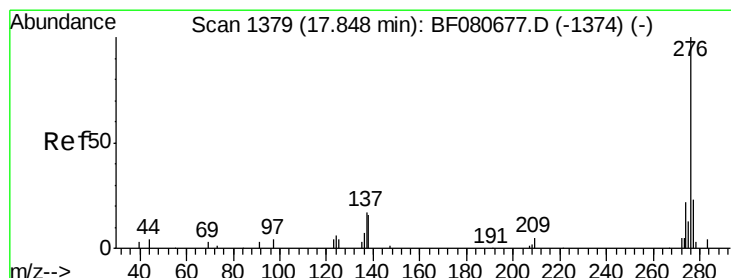
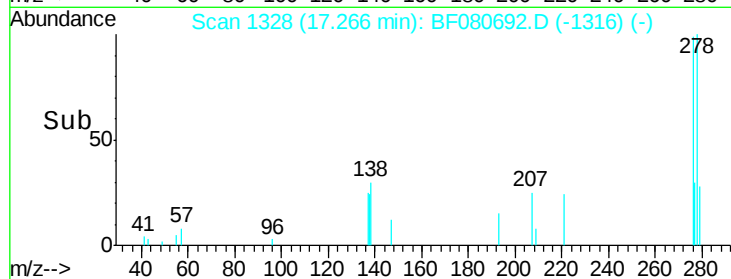
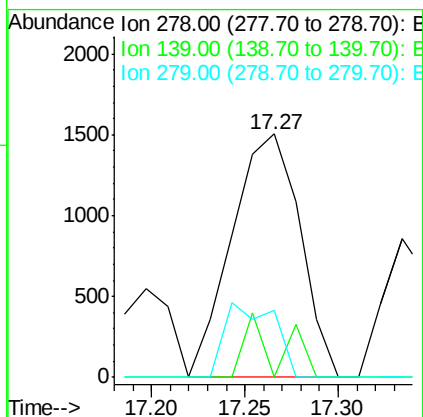
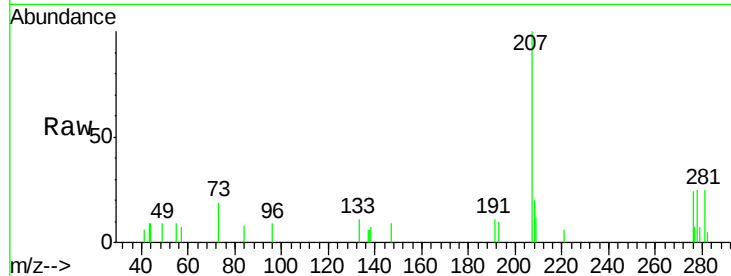




#90
Dibenzo(a,h)anthracene
Concen: 7.86 ng
RT: 17.27 min Scan# 1328
Delta R.T. -0.16 min
Lab File: BF080692.D
Acq: 28 Jul 2015 2:01

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-3

Tgt Ion: 278 Resp: 3818
Ion Ratio Lower Upper
278 100
139 0.0 10.3 15.5#
279 27.6 17.4 26.0#



#91
Benzo(g,h,i)perylene
Concen: 40.68 ng
RT: 17.68 min Scan# 1364
Delta R.T. -0.17 min
Lab File: BF080692.D
Acq: 28 Jul 2015 2:01

Tgt Ion: 276 Resp: 19167
Ion Ratio Lower Upper
276 100
277 25.2 18.7 28.1
138 16.1 12.7 19.1

