

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091671.D
 Acq On : 16 Dec 2016 12:31
 Operator : UM/SJ
 Sample : H6007-12DL 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6-0-5DL

Quant Time: Dec 16 17:06:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	173642	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	616425	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	289988	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	384405	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	330752	20.00	ng	0.00
86) Perylene-d12	15.35	264	257230	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	592112	57.45	ng	0.00
7) Phenol-d6	6.42	99	701940	54.63	ng	-0.01
23) Nitrobenzene-d5	7.34	82	466139	42.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	134040	55.65	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	769306	45.84	ng	0.00
78) Terphenyl-d14	12.89	244	510688	35.04	ng	-0.01

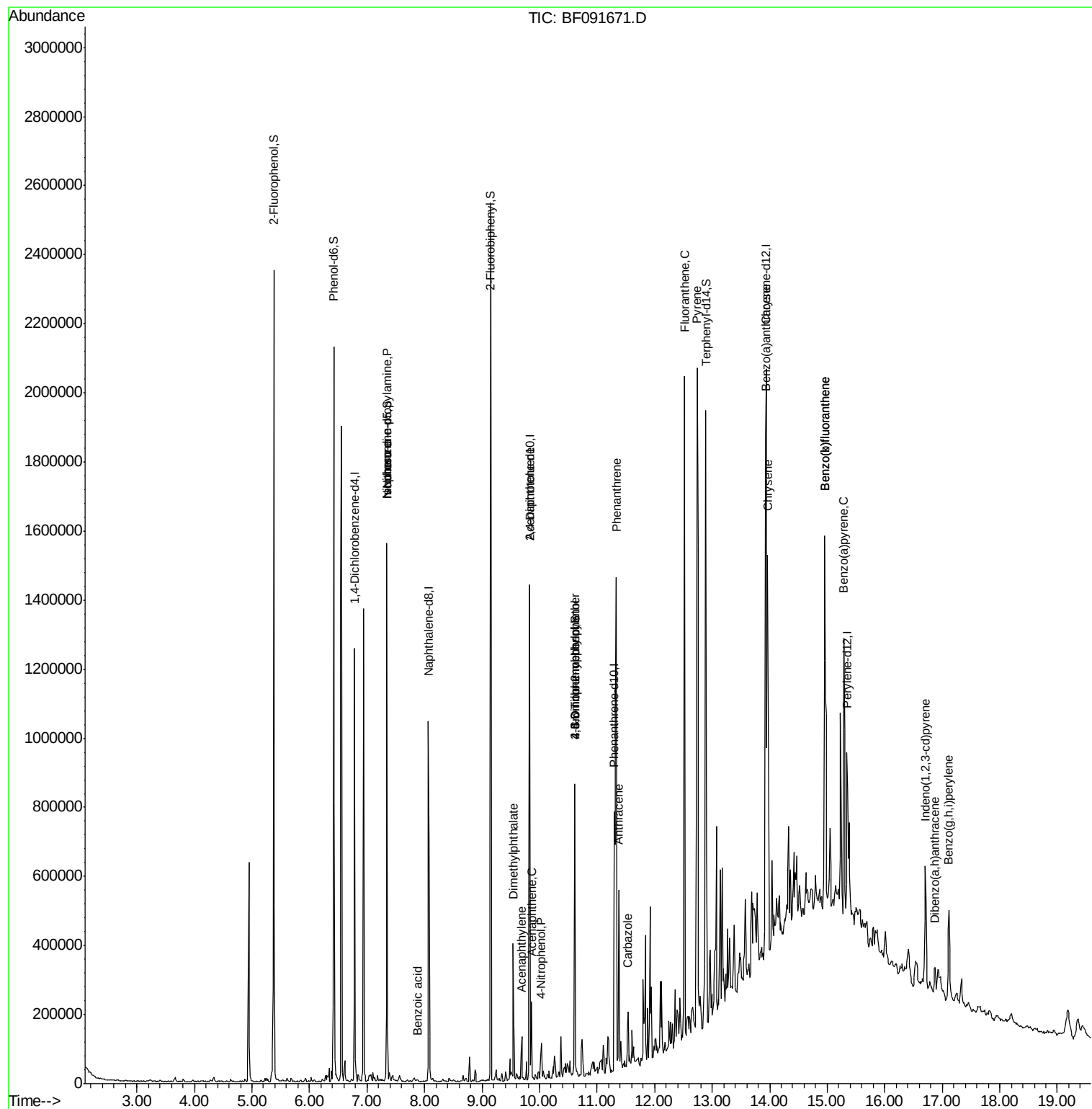
Target Compounds						Qvalue	
19) n-Nitroso-di-n-propylamine	7.34	70	64514	8.03	ng	#	68
20) 3+4-Methylphenols	7.21	107	1314	Below	Cal	#	81
25) Isophorone	7.34	82	410488	20.91	ng	#	67
32) Benzoic acid	7.87	122	648	4.99	ng	#	1
48) Acenaphthylene	9.69	152	68865	2.78	ng		97
49) Dimethylphthalate	9.54	163	163204	8.89	ng	#	97
51) Acenaphthene	9.86	154	65263	3.79	ng		97
55) 4-Nitrophenol	10.03	139	15533	4.41	ng	#	2
56) 2,4-Dinitrotoluene	9.82	165	39831	7.88	ng	#	34
57) Fluorene	10.37	166	48382	Below	Cal		99
64) 4,6-Dinitro-2-methylphenol	10.61	198	438	3.12	ng	#	1
66) 4-Bromophenyl-phenylether	10.61	248	8758	2.22	ng	#	1
70) Phenanthrene	11.33	178	729164	38.30	ng		99
71) Anthracene	11.38	178	197428	9.62	ng		97
72) Carbazole	11.54	167	75992	4.22	ng		97
74) Fluoranthene	12.52	202	1138140	57.10	ng		97
77) Pyrene	12.74	202	1064251	40.56	ng		97
80) Benzo(a)anthracene	13.93	228	683346	35.58	ng		97
82) Chrysene	13.96	228	494600	24.61	ng		97
85) Indeno(1,2,3-cd)pyrene	16.71	276	227005	12.55	ng		93
87) Benzo(b)fluoranthene	14.96	252	848445	55.33	ng		100
88) Benzo(k)fluoranthene	14.96	252	848445	62.93	ng		98
89) Benzo(a)pyrene	15.29	252	426328	30.86	ng		99
90) Dibenzo(a,h)anthracene	16.88	278	52626	4.25	ng		96
91) Benzo(g,h,i)perylene	17.12	276	213518	16.95	ng		99

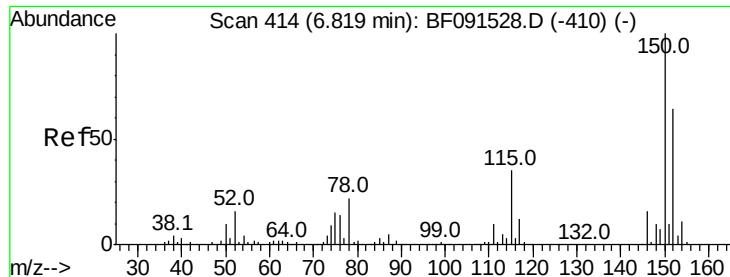
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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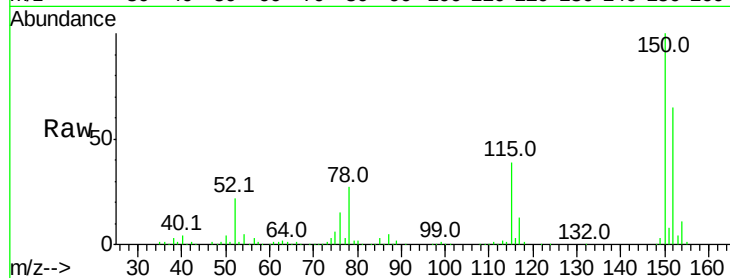


#1

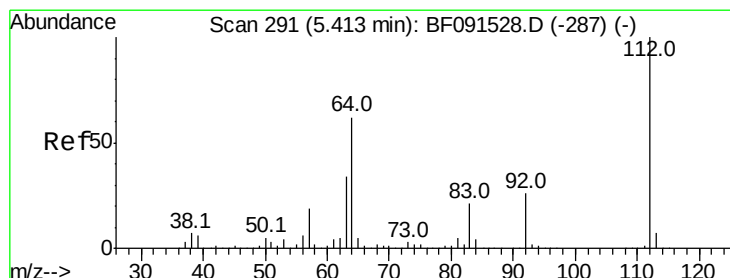
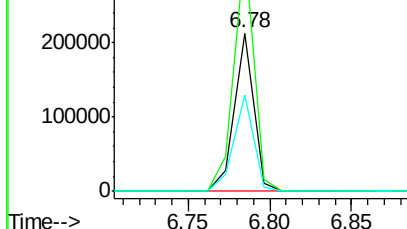
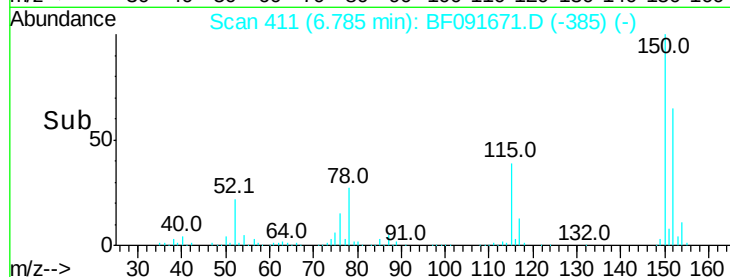
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF091671.D
 Acq: 16 Dec 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-6-0-5DL

Tot Ion:152 Resp: 173642
 Ion Ratio Lower Upper
 152 100
 150 154.3 122.5 183.7
 115 60.8 51.8 77.8



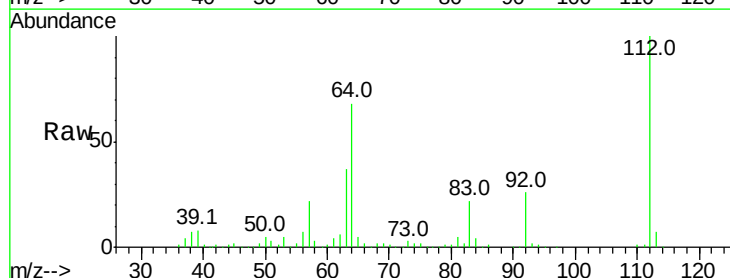
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



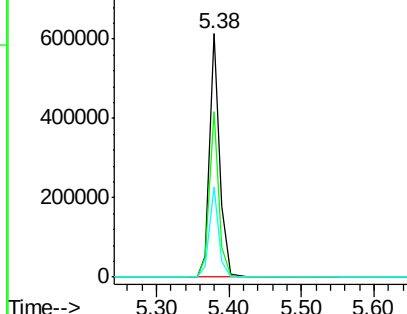
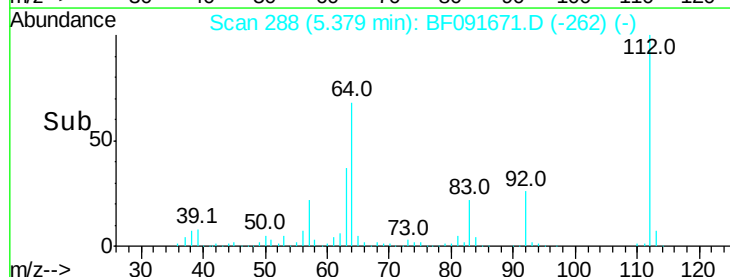
#5

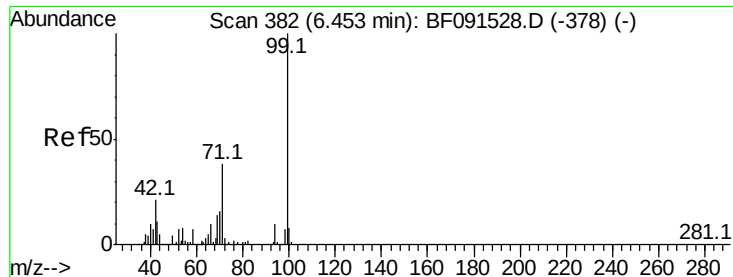
2-Fluorophenol
 Concen: 57.45 ng
 RT: 5.38 min Scan# 288
 Delta R.T. 0.00 min
 Lab File: BF091671.D
 Acq: 16 Dec 2016 12:31

Tgt Ion:112 Resp: 592112
 Ion Ratio Lower Upper
 112 100
 64 67.9 61.5 92.3
 63 36.9 33.3 49.9



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: 54.63 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091671.D

Acq: 16 Dec 2016 12:31

Instrument :

BNA_F

ClientSampleId :

WC-6-0-5DL

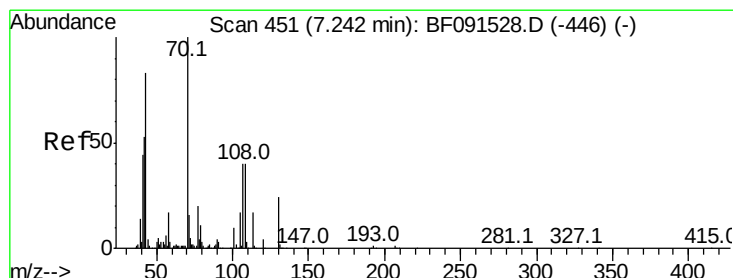
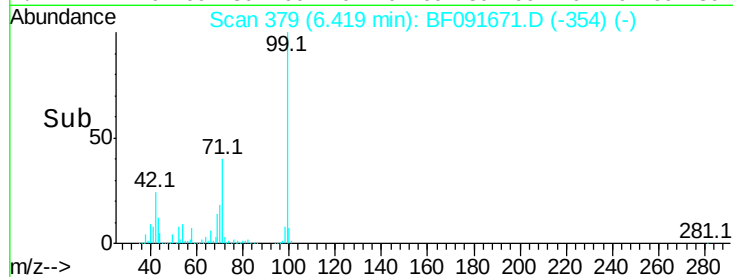
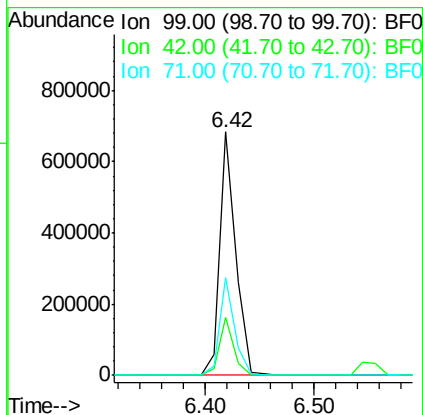
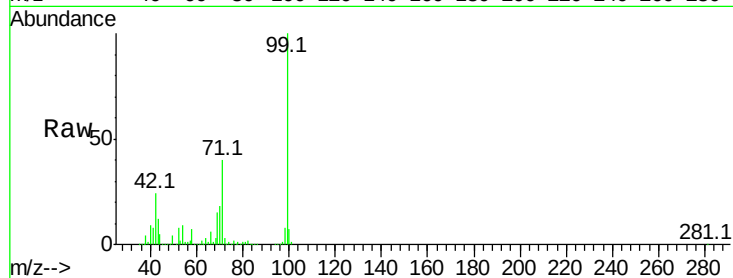
Tot Ion: 99 Resp: 701940

Ion Ratio Lower Upper

99 100

42 23.6 20.6 31.0

71 40.1 29.9 44.9



#19

n-Nitroso-di-n-propylamine

Concen: 8.03 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.14 min

Lab File: BF091671.D

Acq: 16 Dec 2016 12:31

Tgt Ion: 70 Resp: 64514

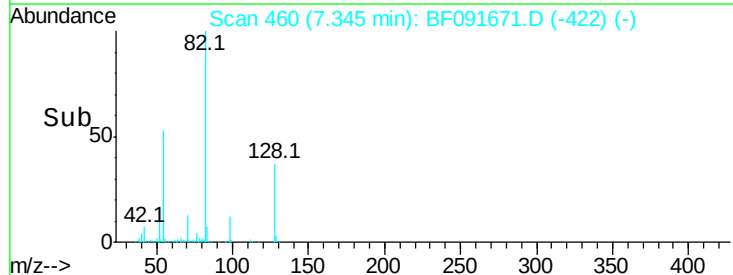
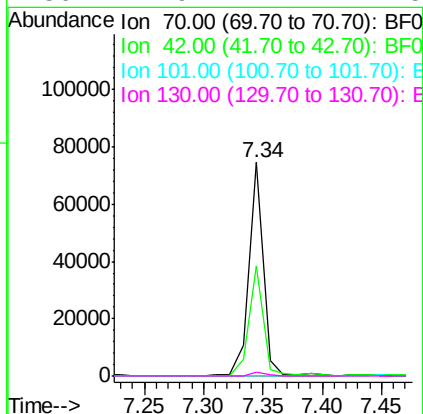
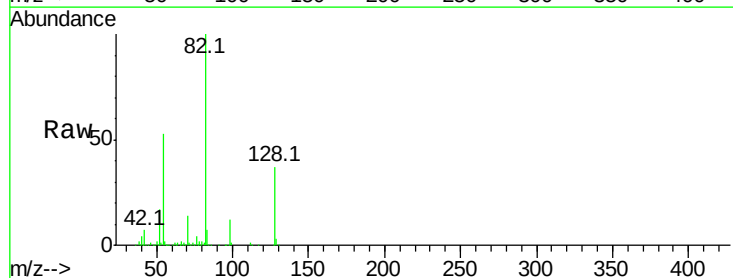
Ion Ratio Lower Upper

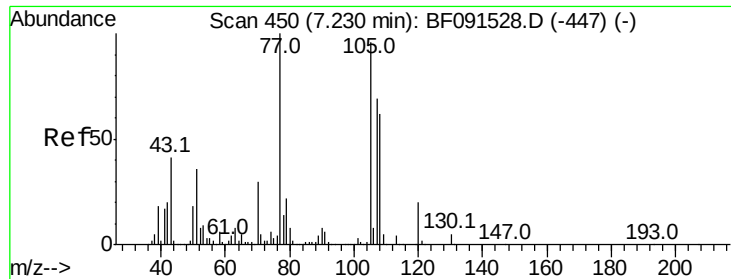
70 100

42 51.6 64.8 97.2#

101 0.0 6.2 9.4#

130 1.9 11.7 17.5#





#20

3+4-Methylphenols

Concen: Below Cal

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF091671.D

Acq: 16 Dec 2016 12:31

Instrument :

BNA_F

ClientSampled :

WC-6-0-5DL

Tot Ion:107 Resp: 1314

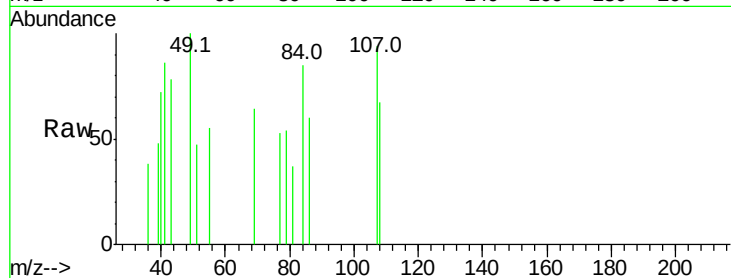
Ion Ratio Lower Upper

107 100

108 71.7 64.6 104.6

77 56.3 30.9 70.9

79 57.4 9.3 49.3#

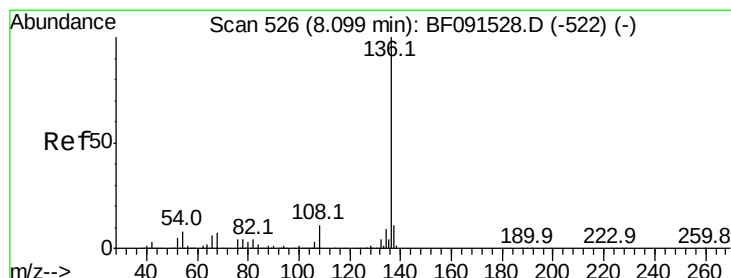
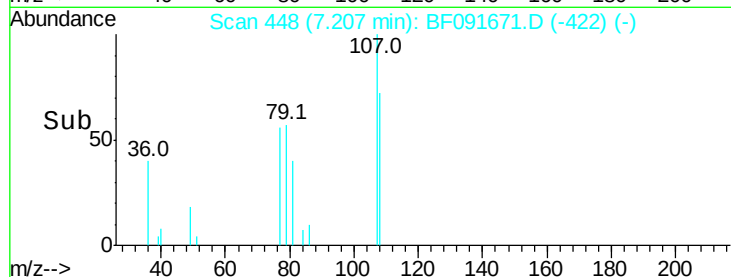
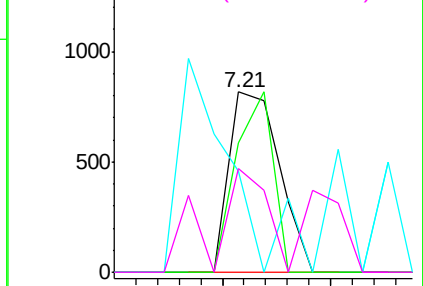


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091671.D

Acq: 16 Dec 2016 12:31

Tgt Ion:136 Resp: 616425

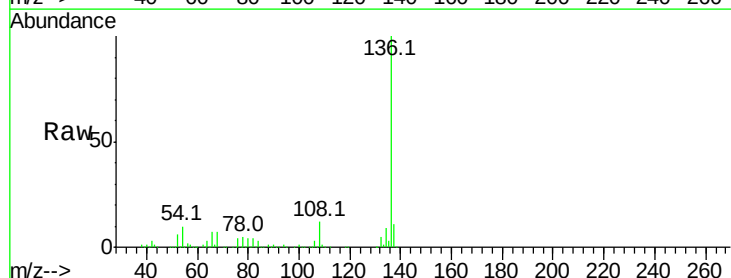
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 10.1 9.1 13.7

68 6.8 5.9 8.9

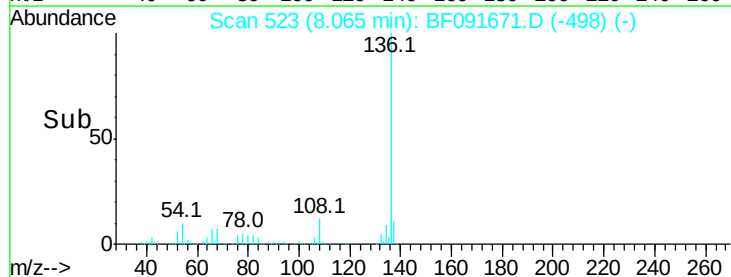
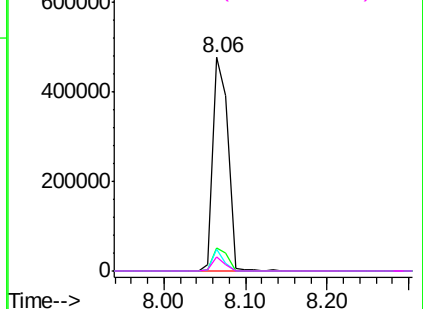


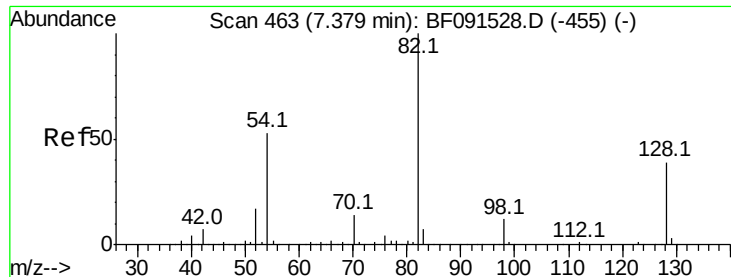
Abundance Ion 136.00 (135.70 to 136.70): E

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

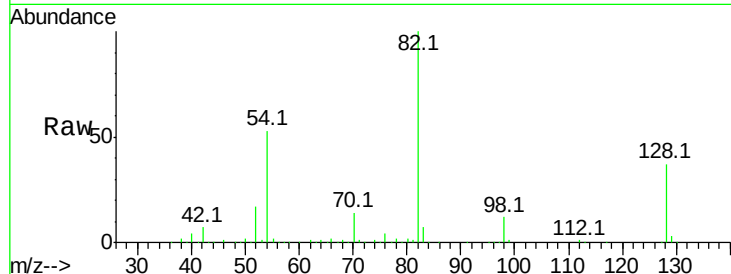




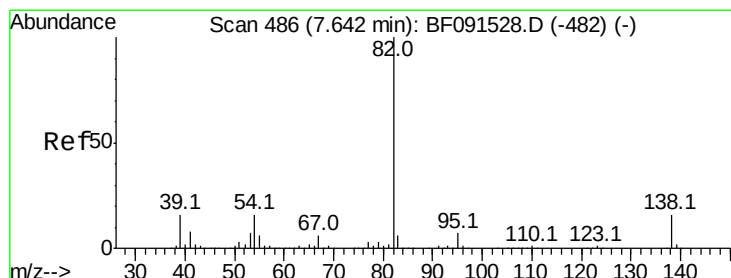
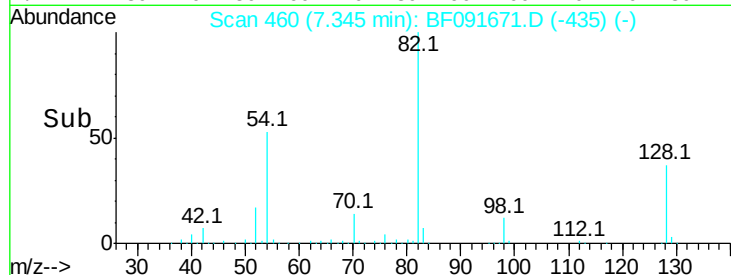
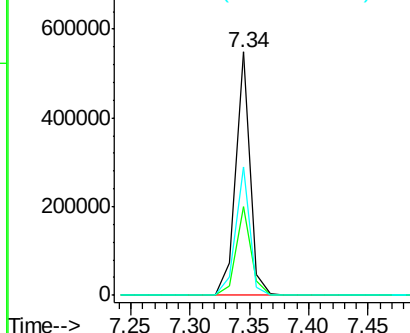
#23
Nitrobenzene-d5
Concen: 42.21 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Tot Ion: 82 Resp: 466139
Ion Ratio Lower Upper
82 100
128 36.5 31.8 47.6
54 52.8 49.1 73.7

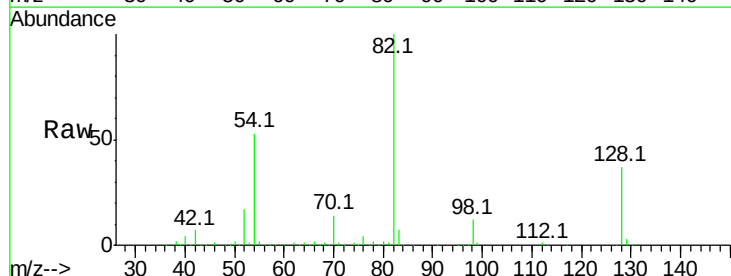


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

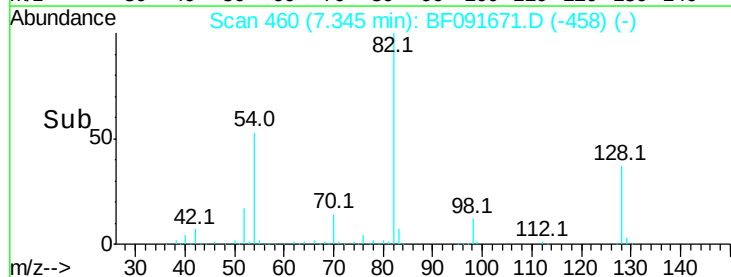
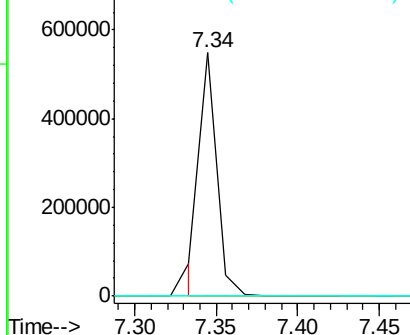


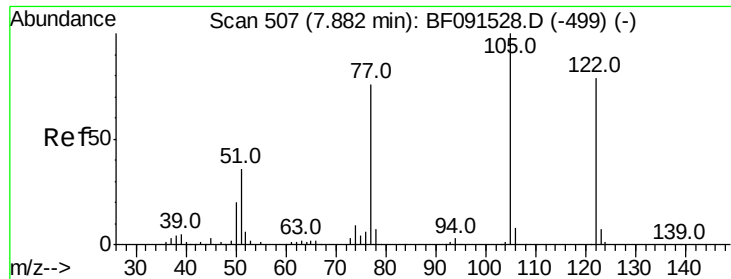
#25
Isophorone
Concen: 20.91 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.27 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Tgt Ion: 82 Resp: 410488
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 13.4 20.0#



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





#32

Benzoic acid

Concen: 4.99 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.01 min

Lab File: BF091671.D

Acq: 16 Dec 2016 12:31

Instrument :

BNA_F

ClientSampled :

WC-6-0-5DL

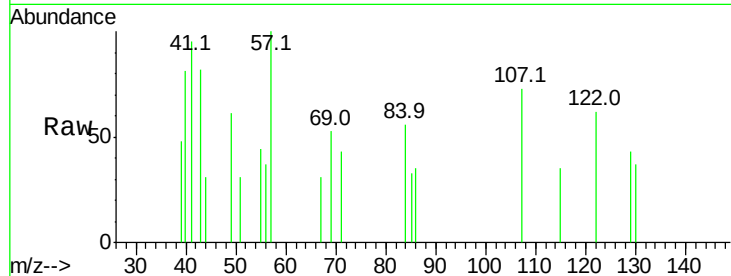
Tot Ion:122 Resp: 648

Ion Ratio Lower Upper

122 100

105 0.0 113.0 153.0#

77 0.0 82.0 122.0#

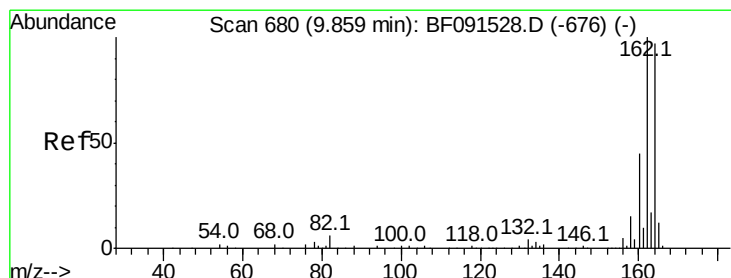
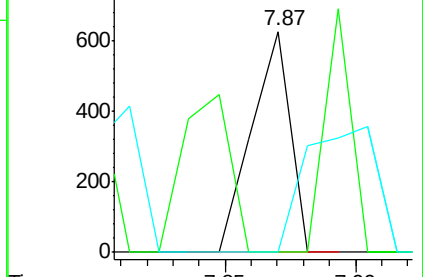
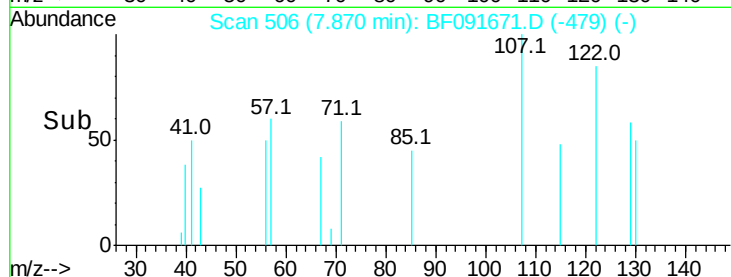


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF091671.D

Acq: 16 Dec 2016 12:31

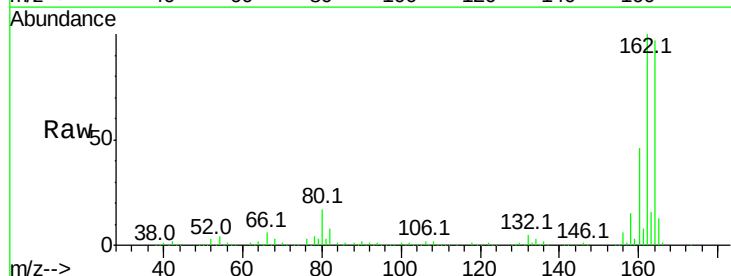
Tgt Ion:164 Resp: 289988

Ion Ratio Lower Upper

164 100

162 102.6 82.6 124.0

160 47.0 36.7 55.1

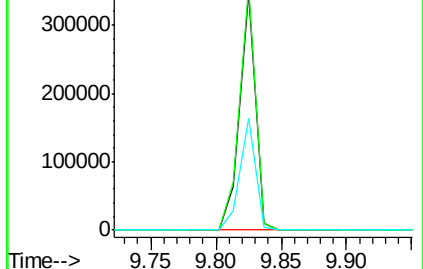
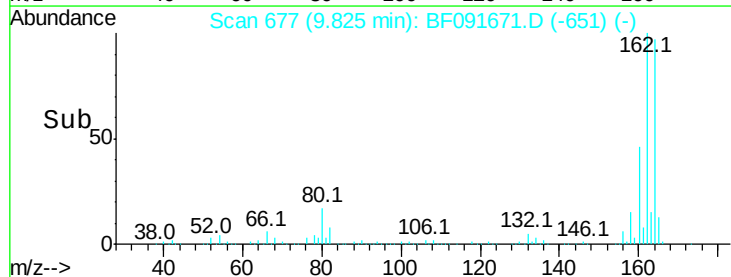


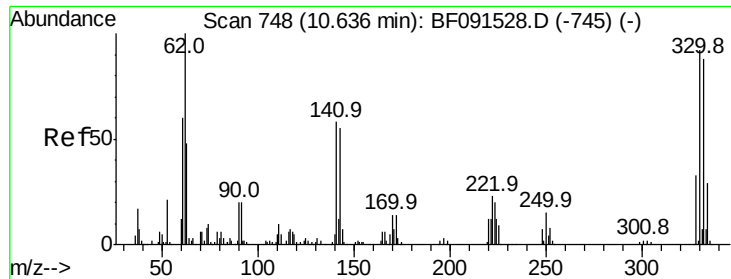
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->

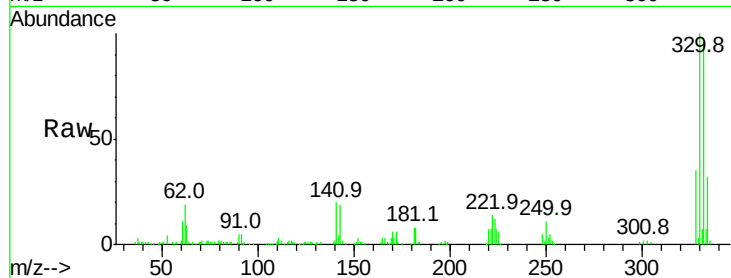




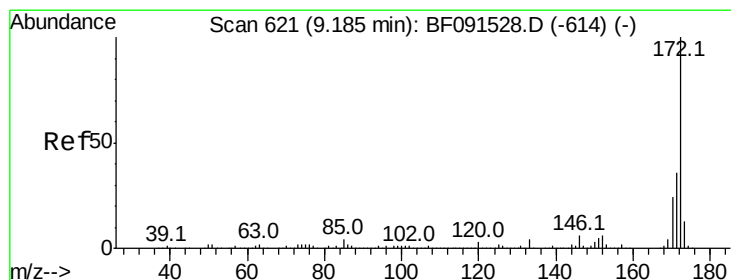
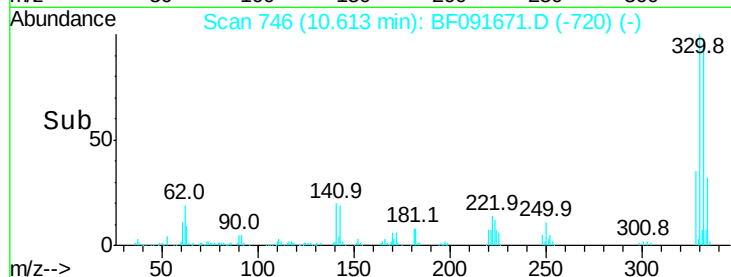
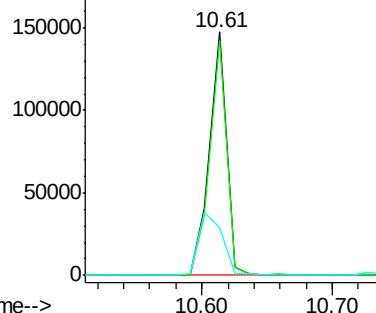
#41
 2,4,6-Tribromophenol
 Concen: 55.65 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF091671.D
 Acq: 16 Dec 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-6-0-5DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.2	114.4
141	36.9	33.6	50.4

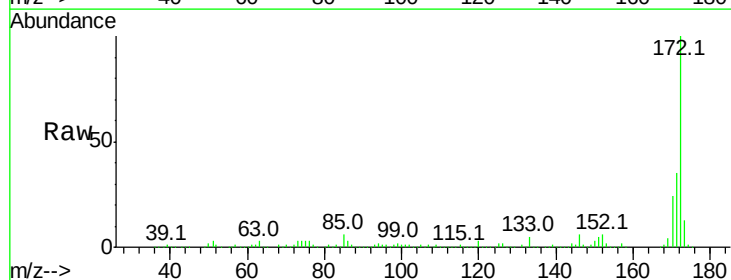


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

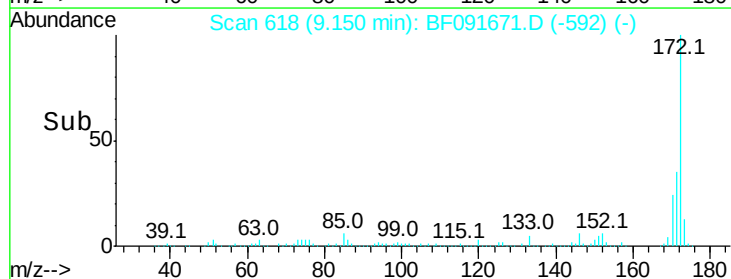
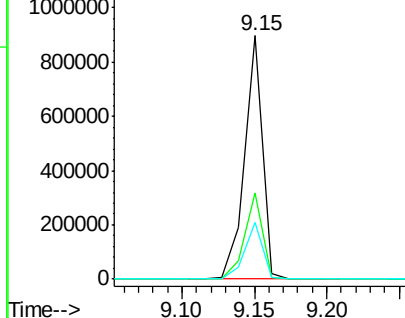


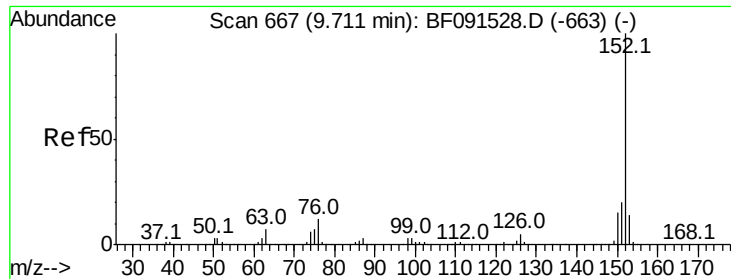
#44
 2-Fluorobiphenyl
 Concen: 45.84 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF091671.D
 Acq: 16 Dec 2016 12:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	23.5	19.7	29.5



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

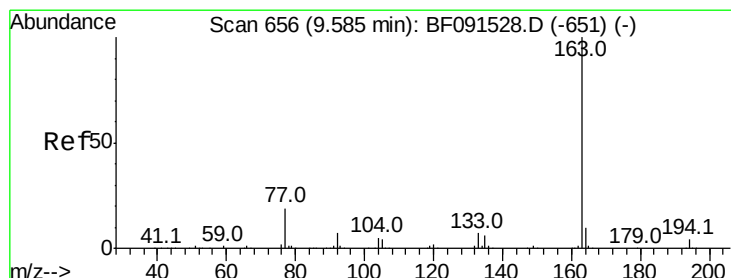
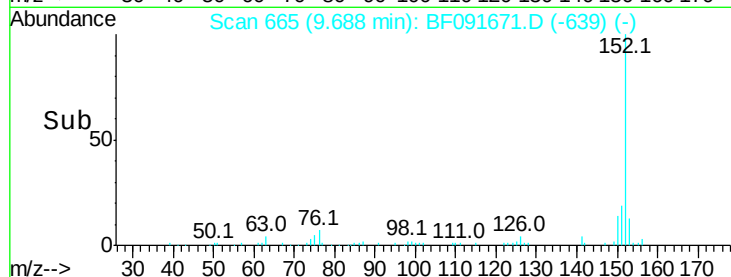
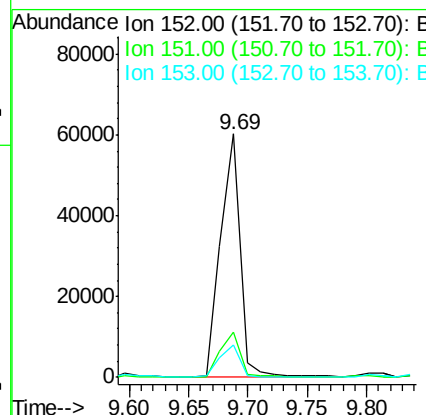
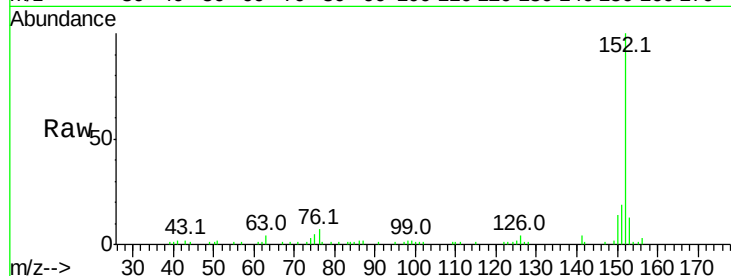




#48
Acenaphthylene
Concen: 2.78 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

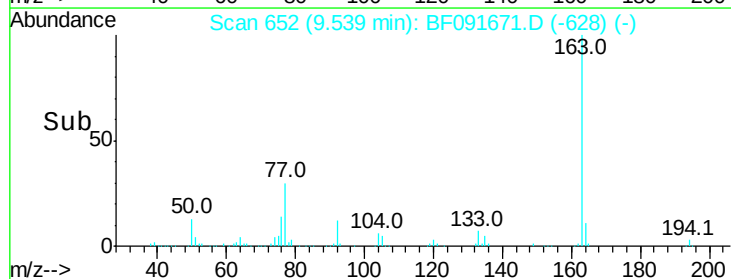
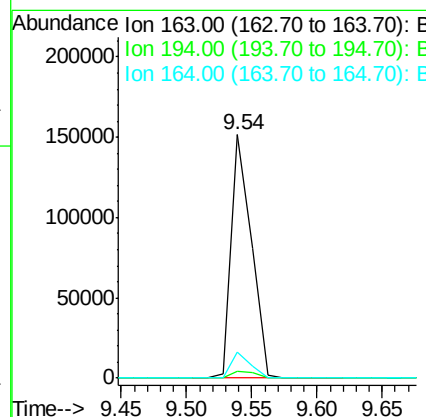
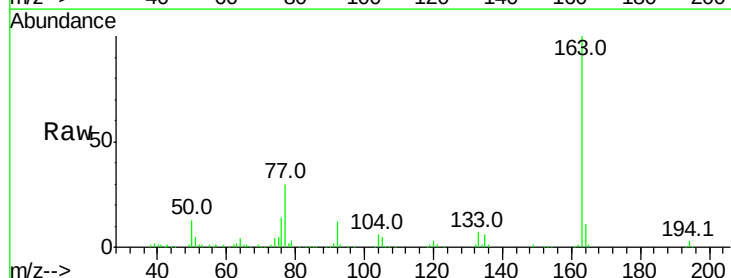
Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

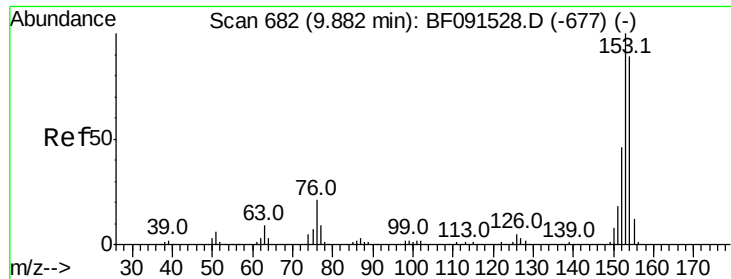
Tot Ion:152 Resp: 68865
Ion Ratio Lower Upper
152 100
151 18.8 16.6 24.8
153 13.2 10.7 16.1



#49
Dimethylphthalate
Concen: 8.89 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Tgt Ion:163 Resp: 163204
Ion Ratio Lower Upper
163 100
194 2.9 3.0 4.4#
164 10.9 7.8 11.8





#51

Acenaphthene

Concen: 3.79 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF091671.D

Acq: 16 Dec 2016 12:31

Instrument :

BNA_F

ClientSampleId :

WC-6-0-5DL

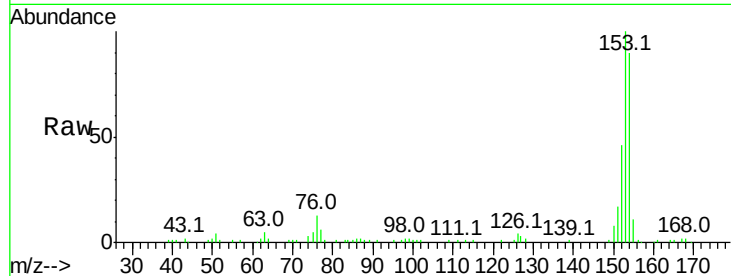
Tot Ion:154 Resp: 65263

Ion Ratio Lower Upper

154 100

153 111.6 91.0 136.6

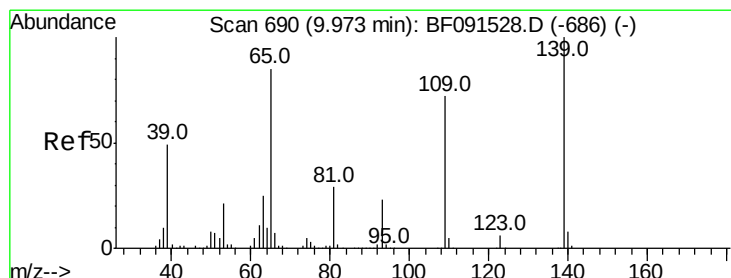
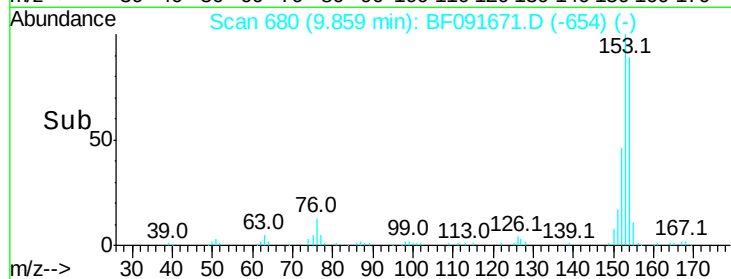
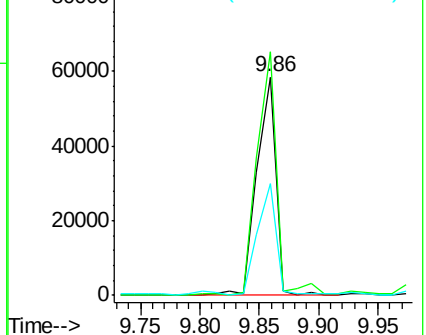
152 51.5 44.2 66.2



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



#55

4-Nitrophenol

Concen: 4.41 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.08 min

Lab File: BF091671.D

Acq: 16 Dec 2016 12:31

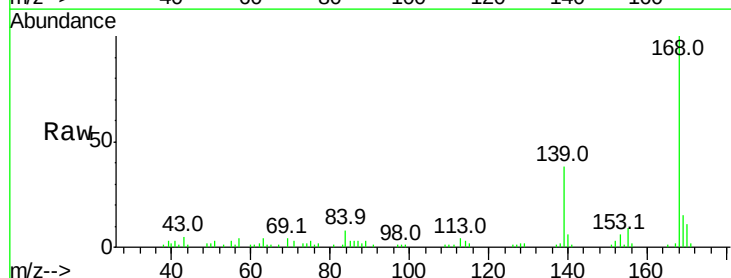
Tgt Ion:139 Resp: 15533

Ion Ratio Lower Upper

139 100

109 3.0 54.9 94.9#

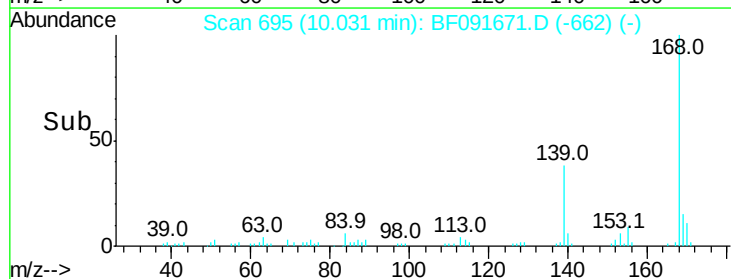
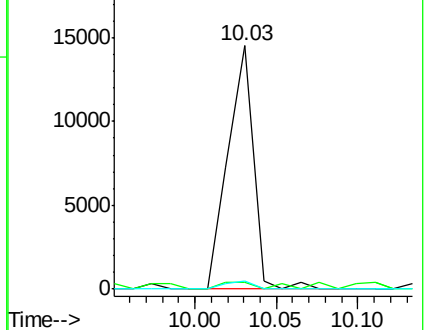
65 3.1 102.2 142.2#

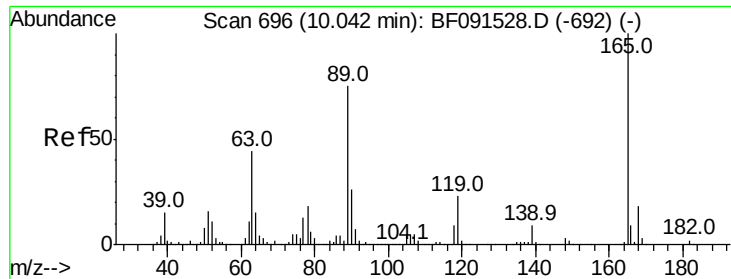


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

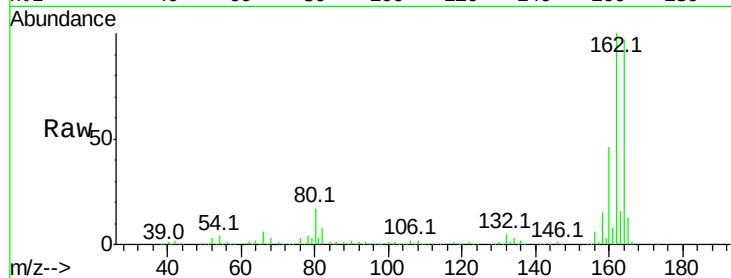




#56
2,4-Dinitrotoluene
Concen: 7.88 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.19 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.0	43.4#
89	1.2	43.1	64.7#
182	0.0	1.9	2.9#

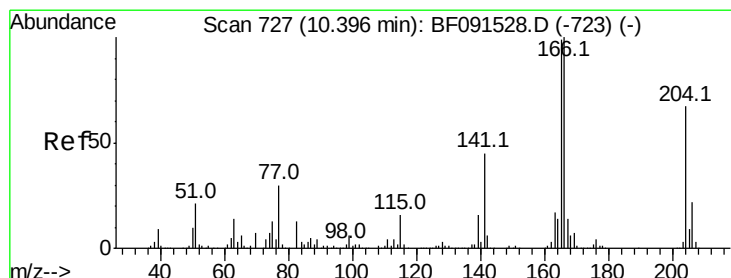
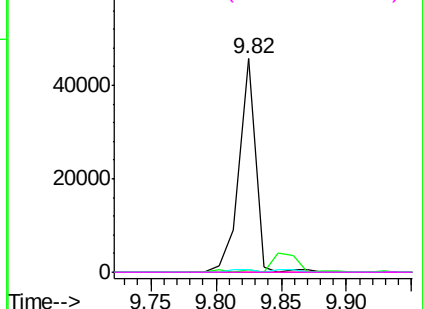
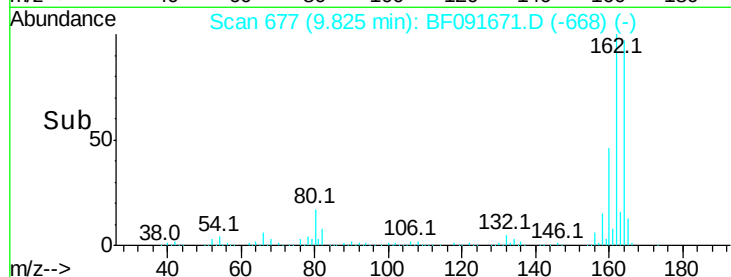


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

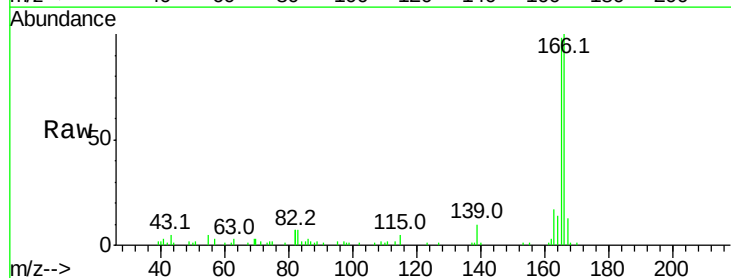
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: Below Cal
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

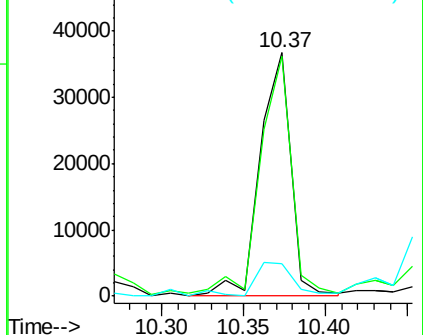
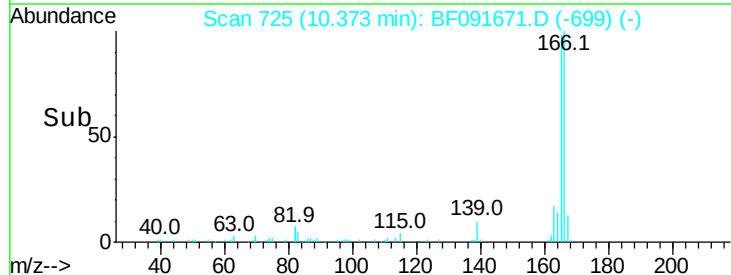
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	80.0	120.0
167	13.5	10.8	16.2

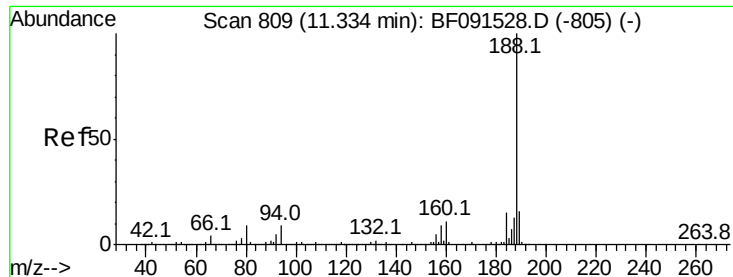


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

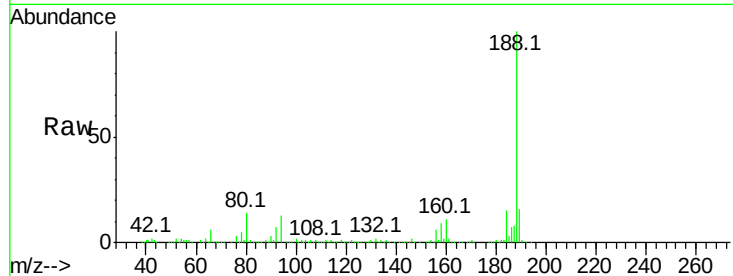




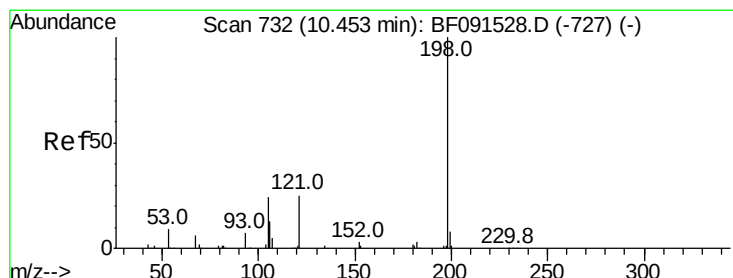
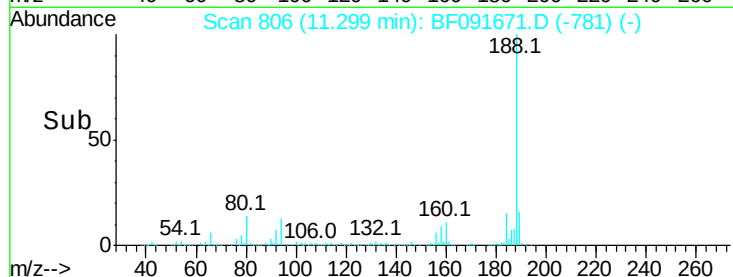
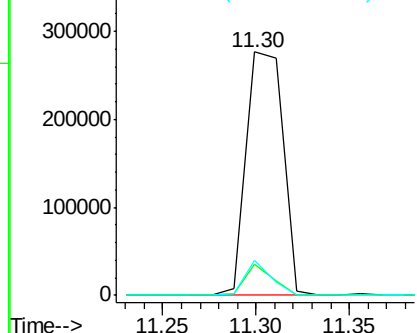
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

Tot Ion:188 Resp: 384405
Ion Ratio Lower Upper
188 100
94 12.9 9.2 13.8
80 14.4 10.5 15.7

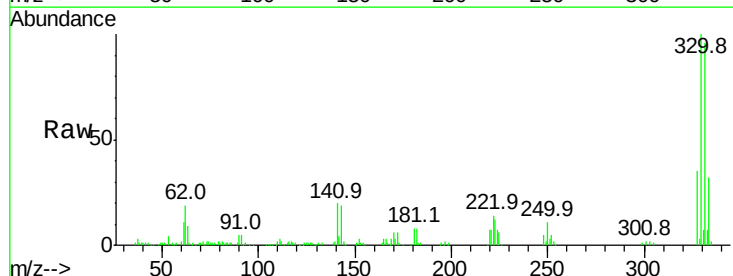


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

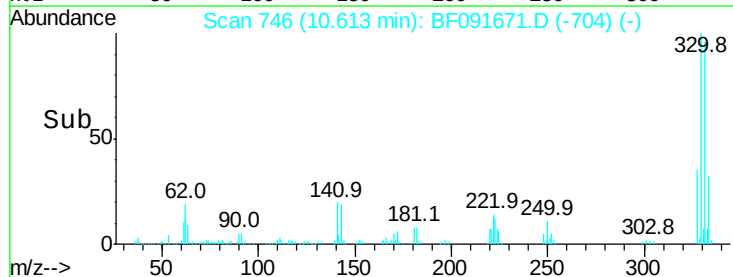
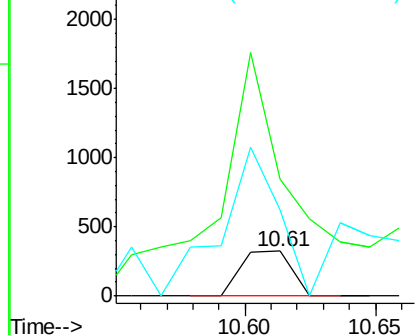


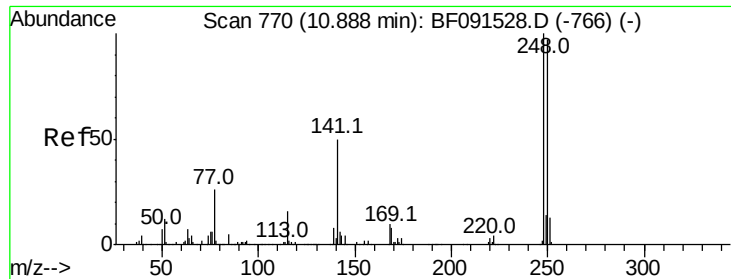
#64
4,6-Dinitro-2-methylphenol
Concen: 3.12 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.18 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Tgt Ion:198 Resp: 438
Ion Ratio Lower Upper
198 100
51 260.1 77.1 117.1#
105 191.6 44.8 84.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 2.22 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.24 min

Lab File: BF091671.D

Acq: 16 Dec 2016 12:31

Instrument :

BNA_F

ClientSampleId :

WC-6-0-5DL

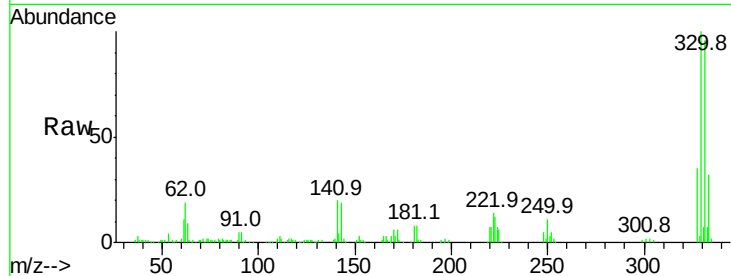
Tot Ion:248 Resp: 8758

Ion Ratio Lower Upper

248 100

250 193.1 78.2 117.4#

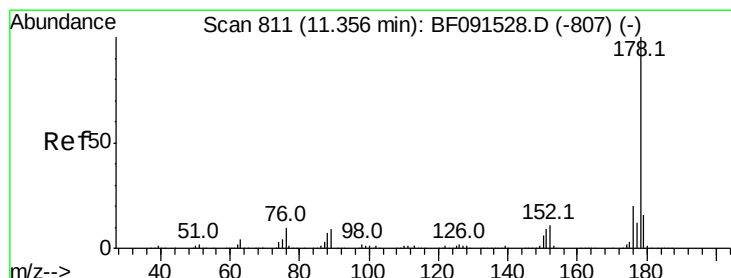
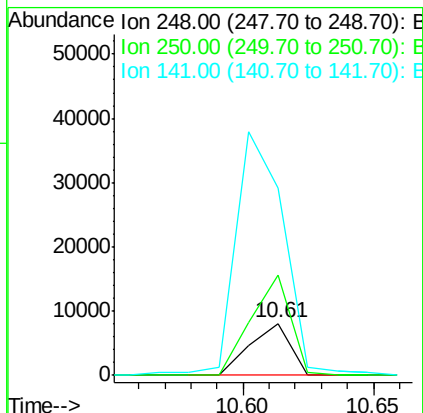
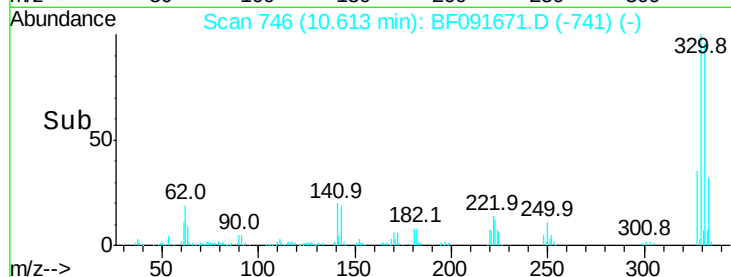
141 362.2 71.9 107.9#



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: 38.30 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF091671.D

Acq: 16 Dec 2016 12:31

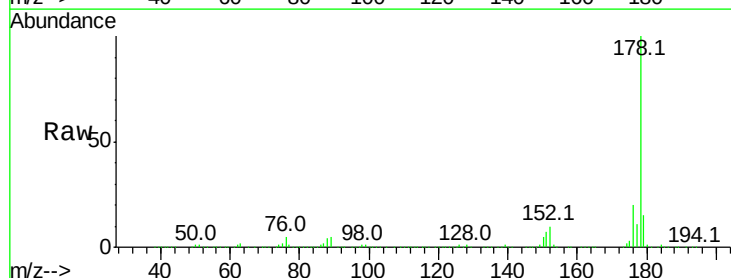
Tgt Ion:178 Resp: 729164

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

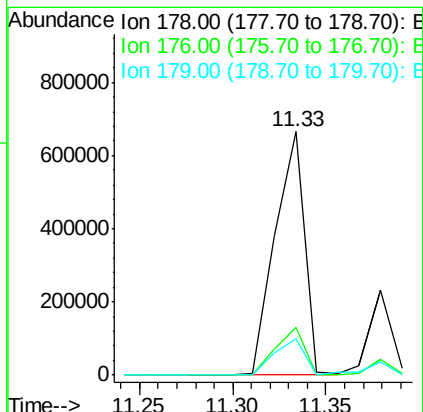
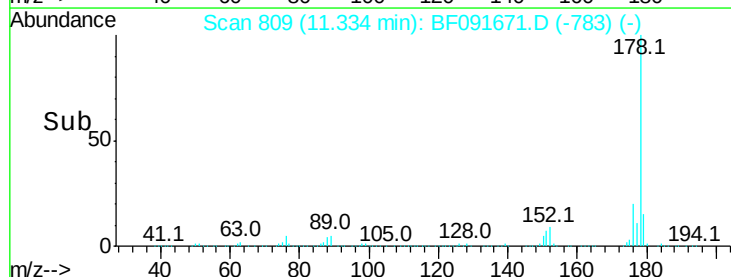
179 15.0 12.6 18.8

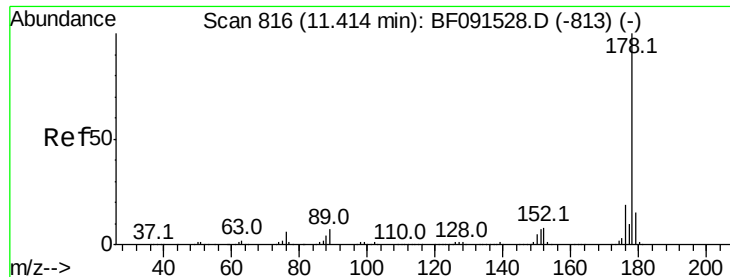


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 9.62 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF091671.D

Acq: 16 Dec 2016 12:31

Instrument :

BNA_F

ClientSampleId :

WC-6-0-5DL

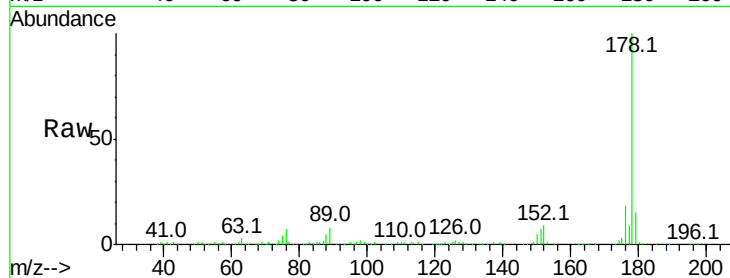
Tot Ion:178 Resp: 197428

Ion Ratio Lower Upper

178 100

176 18.2 15.8 23.6

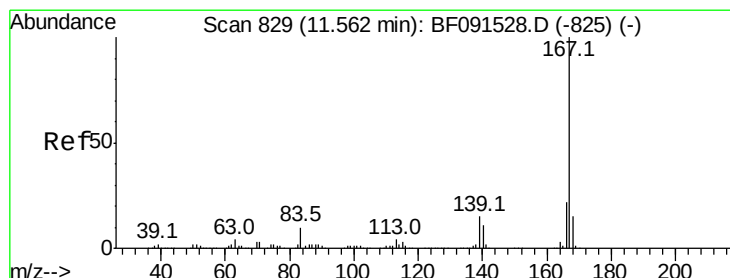
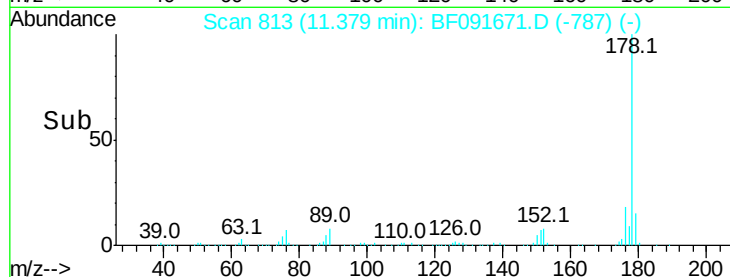
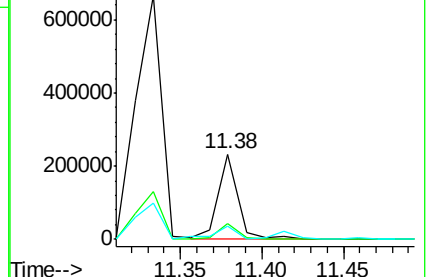
179 15.0 12.7 19.1



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: 4.22 ng

RT: 11.54 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF091671.D

Acq: 16 Dec 2016 12:31

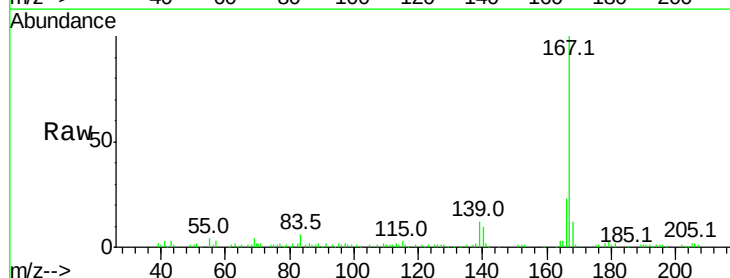
Tgt Ion:167 Resp: 75992

Ion Ratio Lower Upper

167 100

166 22.8 18.1 27.1

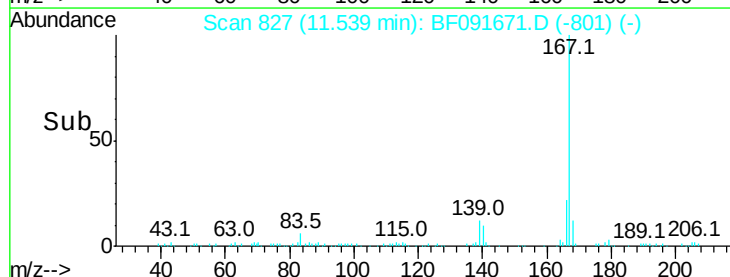
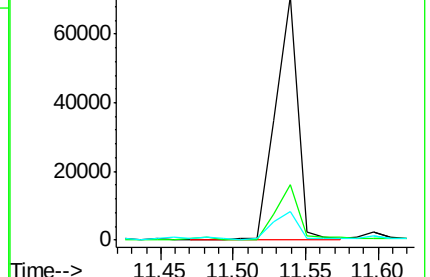
139 11.7 11.5 17.3

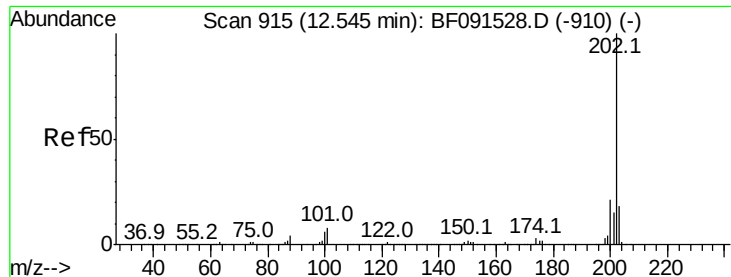


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 57.10 ng

RT: 12.52 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF091671.D

Acq: 16 Dec 2016 12:31

Instrument :

BNA_F

ClientSampleId :

WC-6-0-5DL

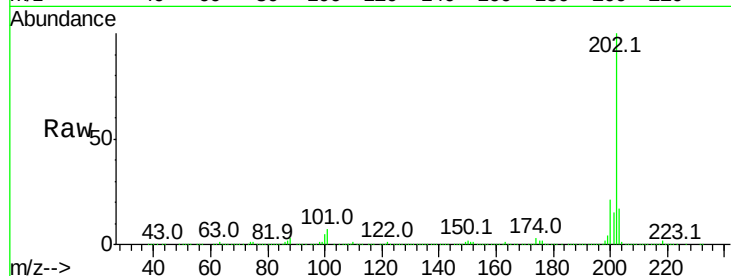
Tot Ion:202 Resp: 1138140

Ion Ratio Lower Upper

202 100

101 6.7 0.0 29.5

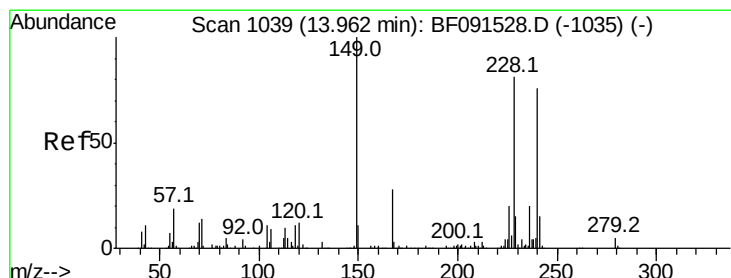
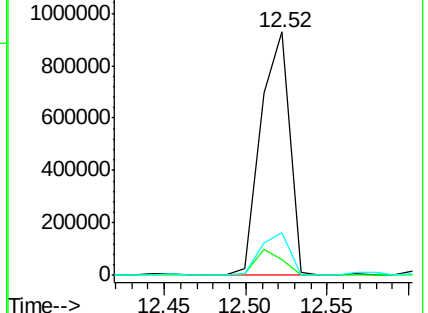
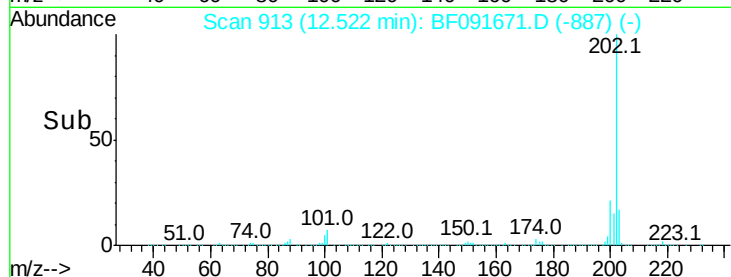
203 17.5 0.0 37.8



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: 13.94 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF091671.D

Acq: 16 Dec 2016 12:31

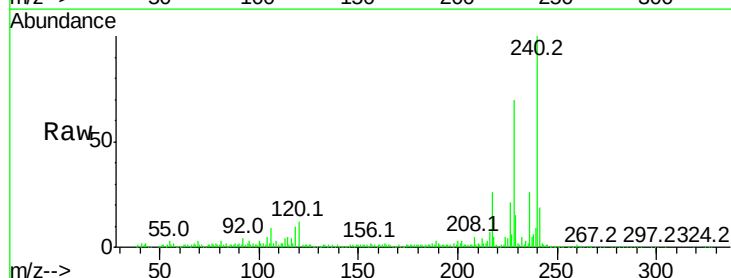
Tgt Ion:240 Resp: 330752

Ion Ratio Lower Upper

240 100

120 12.4 12.1 18.1

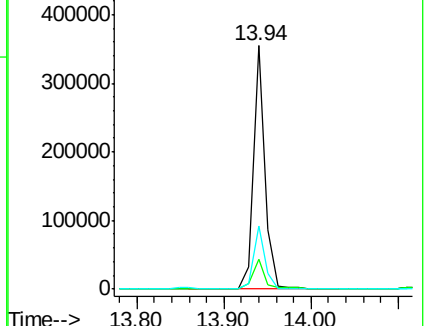
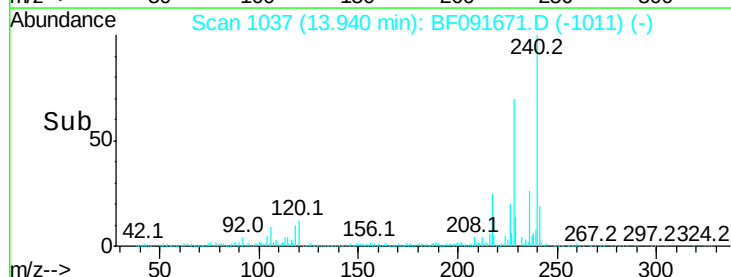
236 25.7 21.0 31.6

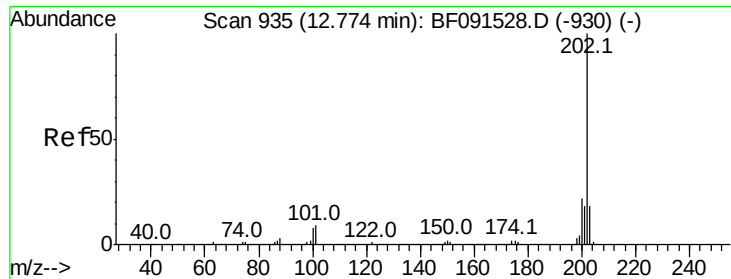


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 40.56 ng

RT: 12.74 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF091671.D

Acq: 16 Dec 2016 12:31

Instrument :

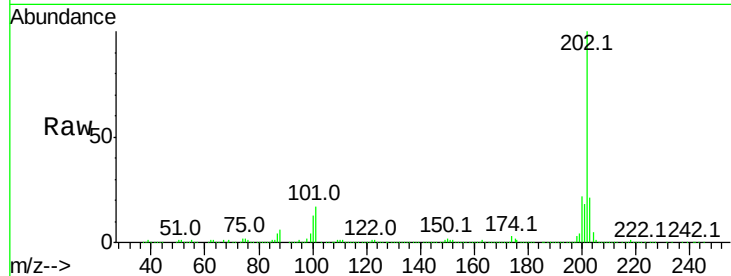
BNA_F

ClientSampleId :

WC-6-0-5DL

Tot Ion:202 Resp: 1064251

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	20.6	14.0	21.0

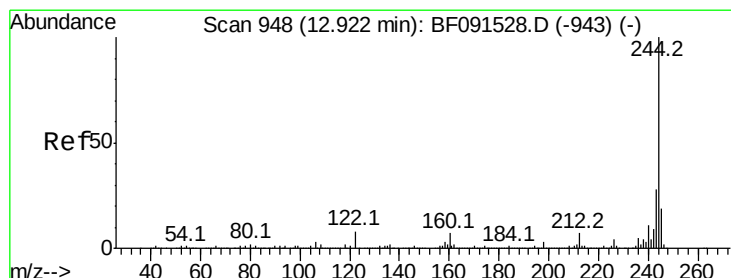
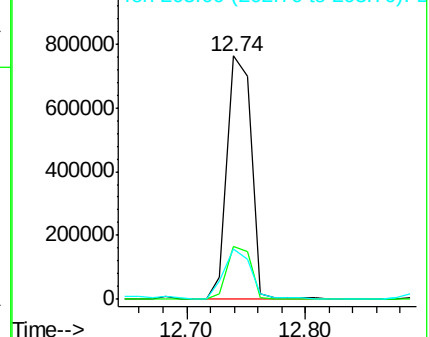
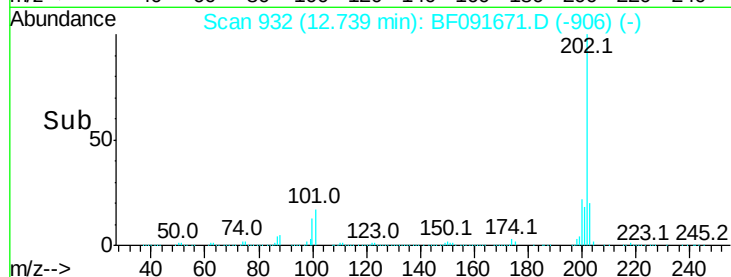


Abundance

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: 35.04 ng

RT: 12.89 min Scan# 945

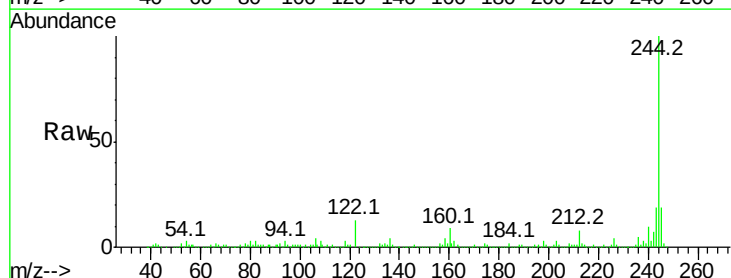
Delta R.T. -0.01 min

Lab File: BF091671.D

Acq: 16 Dec 2016 12:31

Tgt Ion:244 Resp: 510688

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	12.7	9.5	14.3

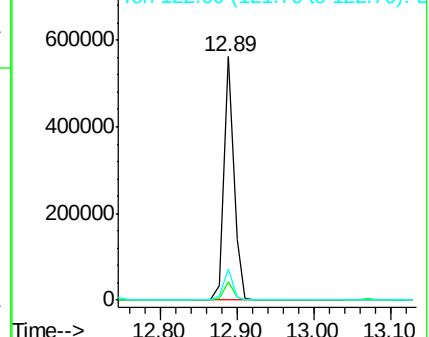
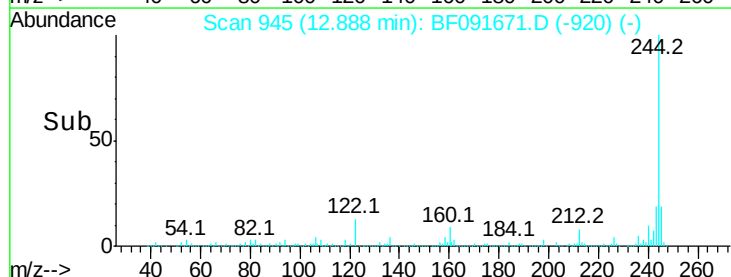


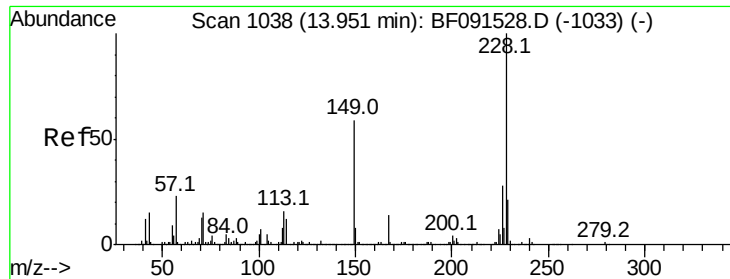
Abundance

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: 35.58 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF091671.D

Acq: 16 Dec 2016 12:31

Instrument :

BNA_F

ClientSampleId :

WC-6-0-5DL

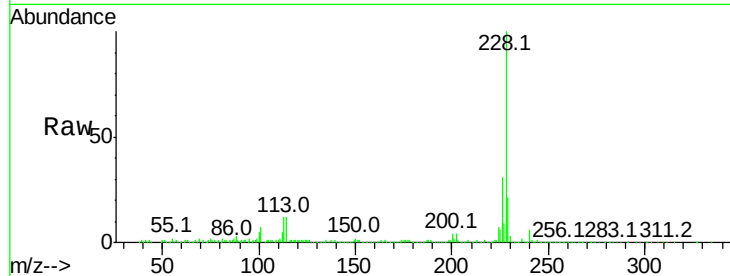
Tot Ion:228 Resp: 683346

Ion Ratio Lower Upper

228 100

226 30.7 22.5 33.7

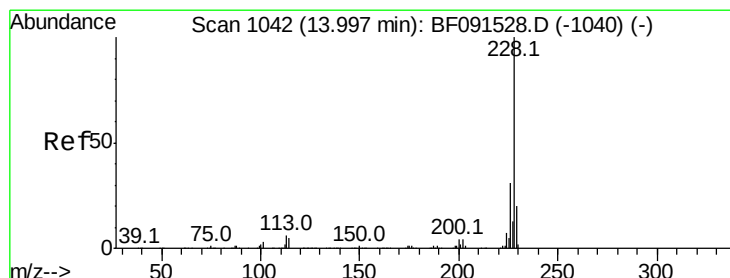
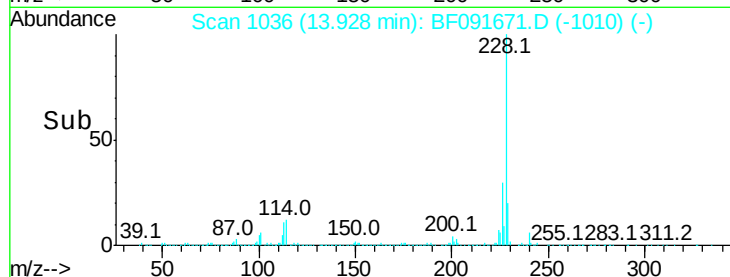
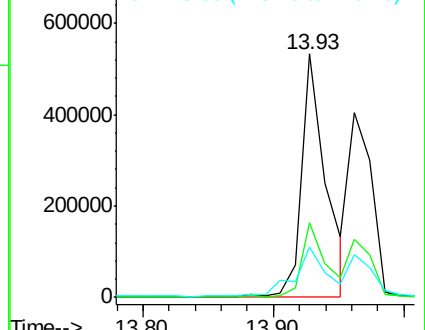
229 20.8 16.4 24.6



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: 24.61 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF091671.D

Acq: 16 Dec 2016 12:31

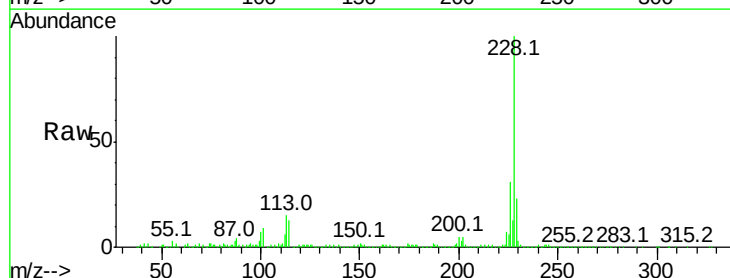
Tgt Ion:228 Resp: 494600

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.4

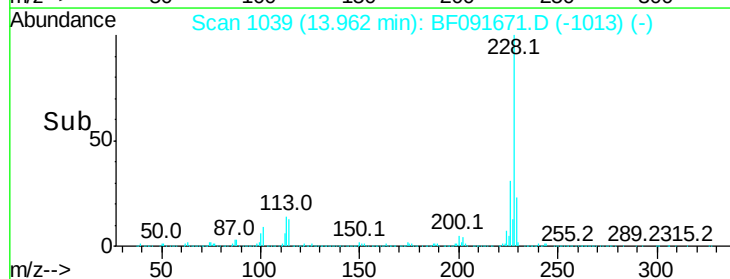
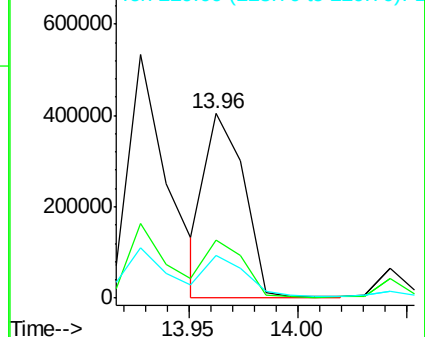
229 23.1 16.0 24.0

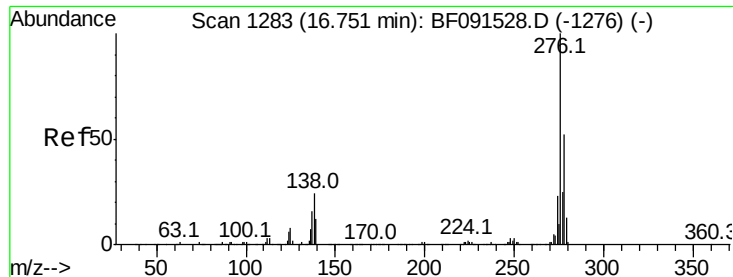


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

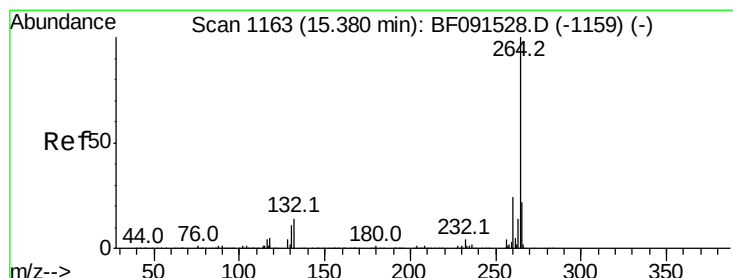
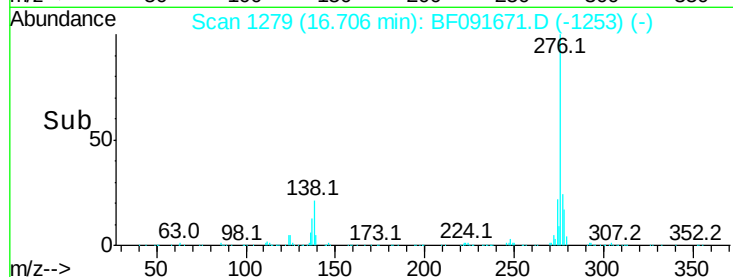
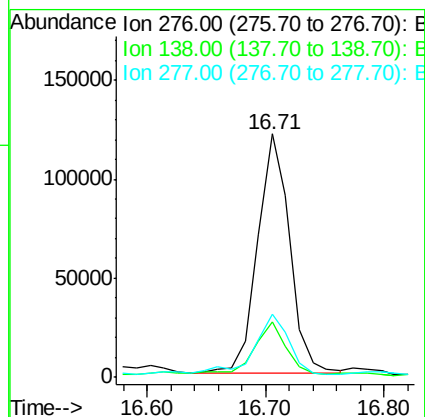
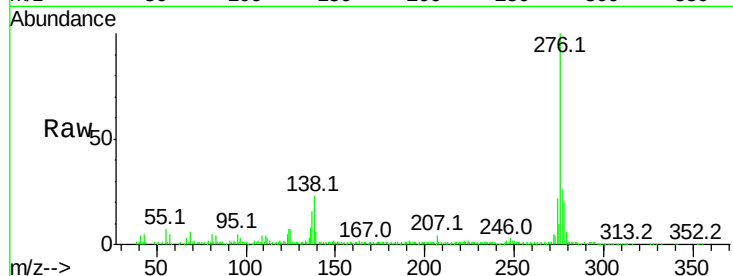




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 12.55 ng
 RT: 16.71 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF091671.D
 Acq: 16 Dec 2016 12:31

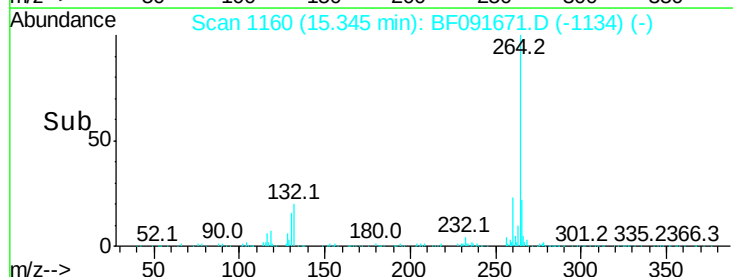
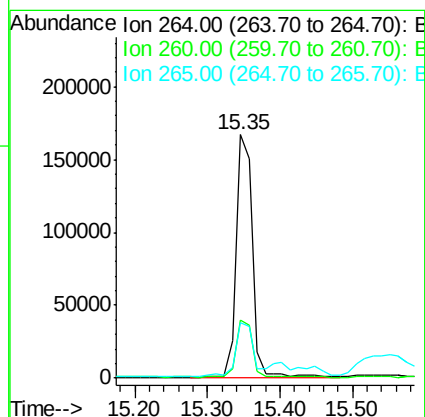
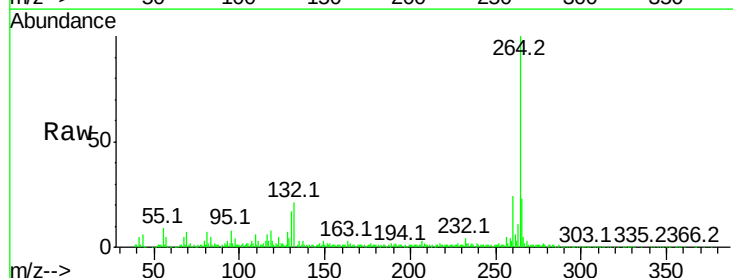
Instrument :
 BNA_F
 ClientSampleId :
 WC-6-0-5DL

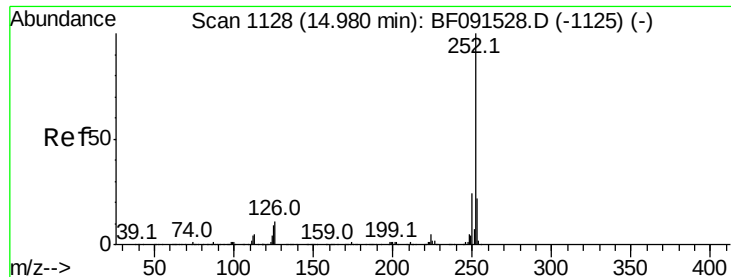
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.4	21.0	31.4
277	28.4	20.2	30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF091671.D
 Acq: 16 Dec 2016 12:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	23.0	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 55.33 ng

RT: 14.96 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF091671.D

Acq: 16 Dec 2016 12:31

Instrument :

BNA_F

ClientSampleId :

WC-6-0-5DL

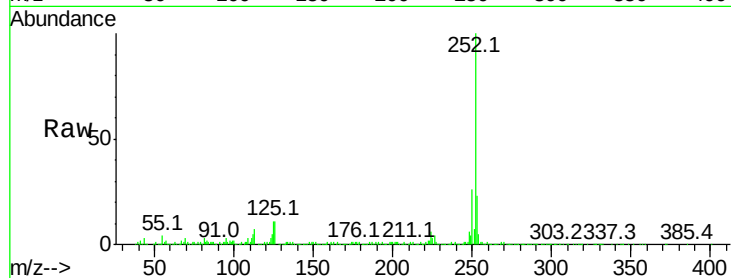
Tot Ion:252 Resp: 848445

Ion Ratio Lower Upper

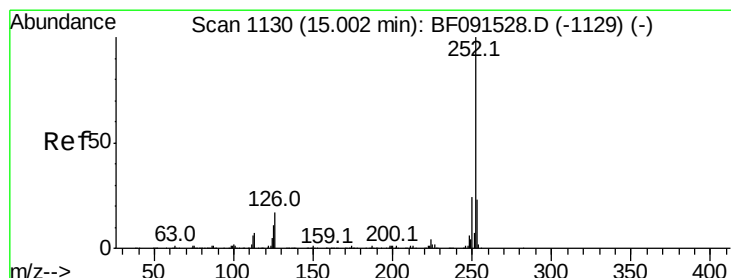
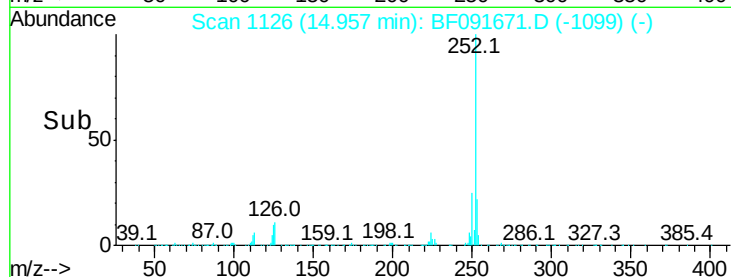
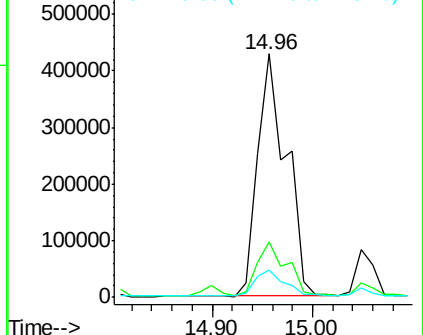
252 100

253 22.9 18.2 27.2

125 11.0 8.6 13.0



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



#88

Benzo(k)fluoranthene

Concen: 62.93 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BF091671.D

Acq: 16 Dec 2016 12:31

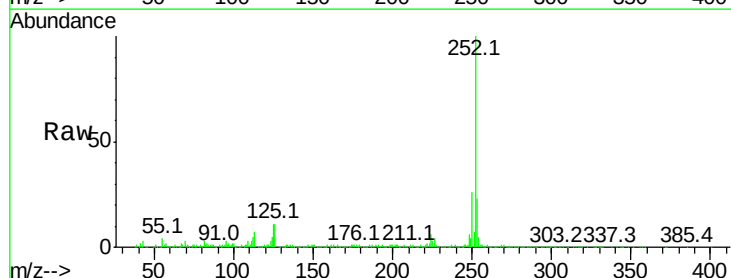
Tgt Ion:252 Resp: 848445

Ion Ratio Lower Upper

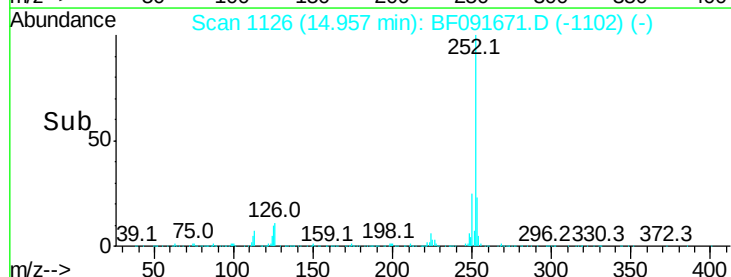
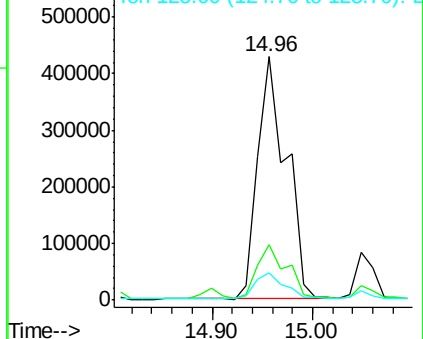
252 100

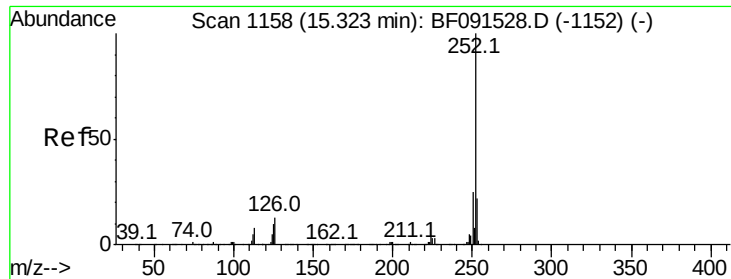
253 22.9 17.8 26.8

125 11.0 9.6 14.4



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

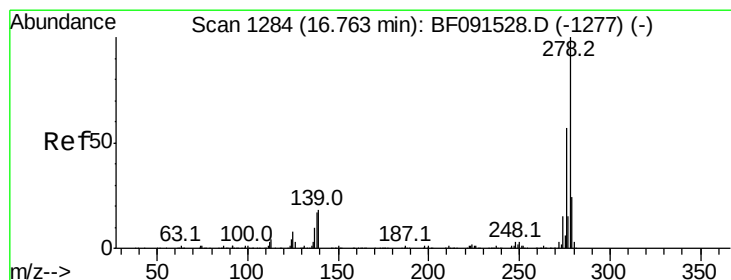
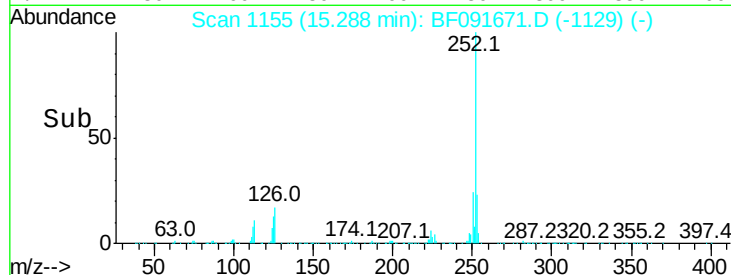
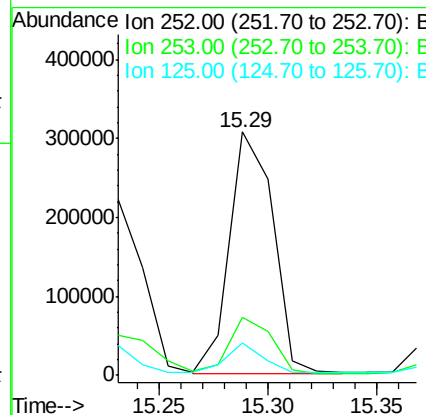
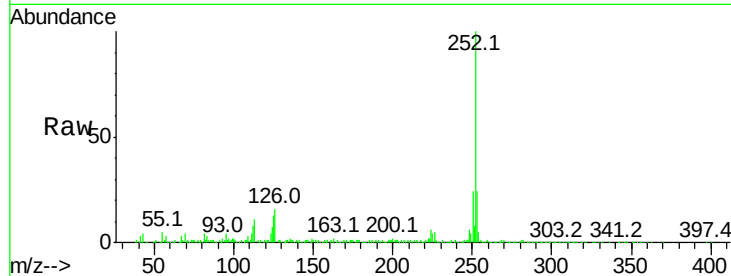




#89
Benzo(a)pyrene
Concen: 30.86 ng
RT: 15.29 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

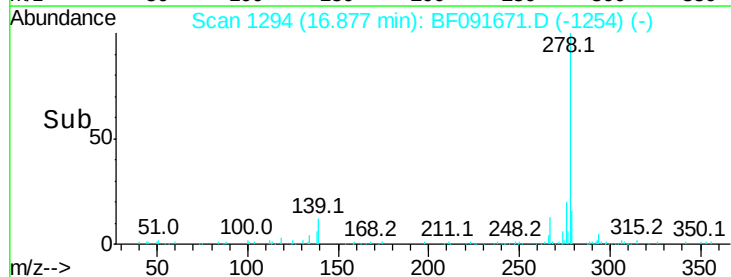
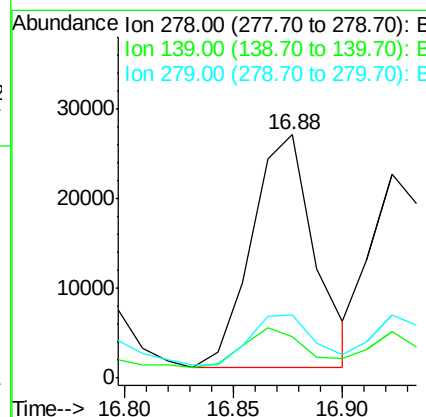
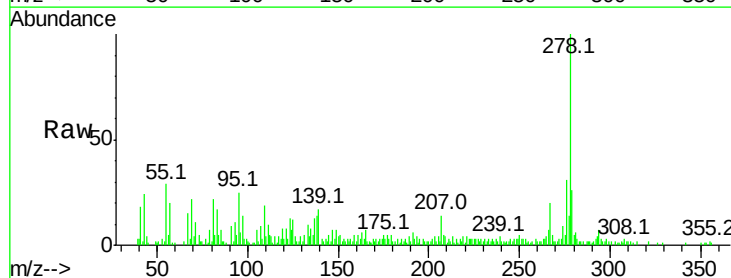
Instrument :
BNA_F
ClientSampleId :
WC-6-0-5DL

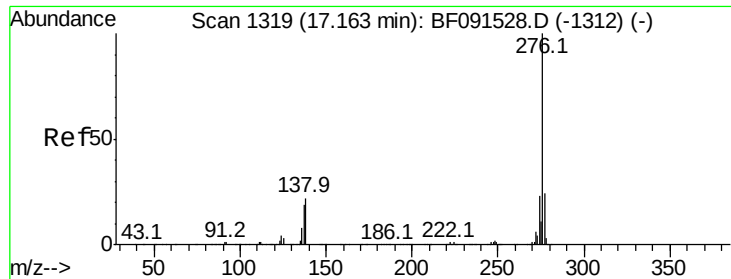
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	13.4	10.4	15.6



#90
Dibenzo(a,h)anthracene
Concen: 4.25 ng
RT: 16.88 min Scan# 1294
Delta R.T. 0.16 min
Lab File: BF091671.D
Acq: 16 Dec 2016 12:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	15.1	22.7
279	25.9	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 16.95 ng
 RT: 17.12 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF091671.D
 Acq: 16 Dec 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-6-0-5DL

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	20.2	15.4	23.0

