

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF012318\
 Data File : BF102379.D
 Acq On : 24 Jan 2018 9:17
 Operator : SJ/JU
 Sample : J1239-13DL 25X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-11R-01DL

Quant Time: Jan 24 10:46:22 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

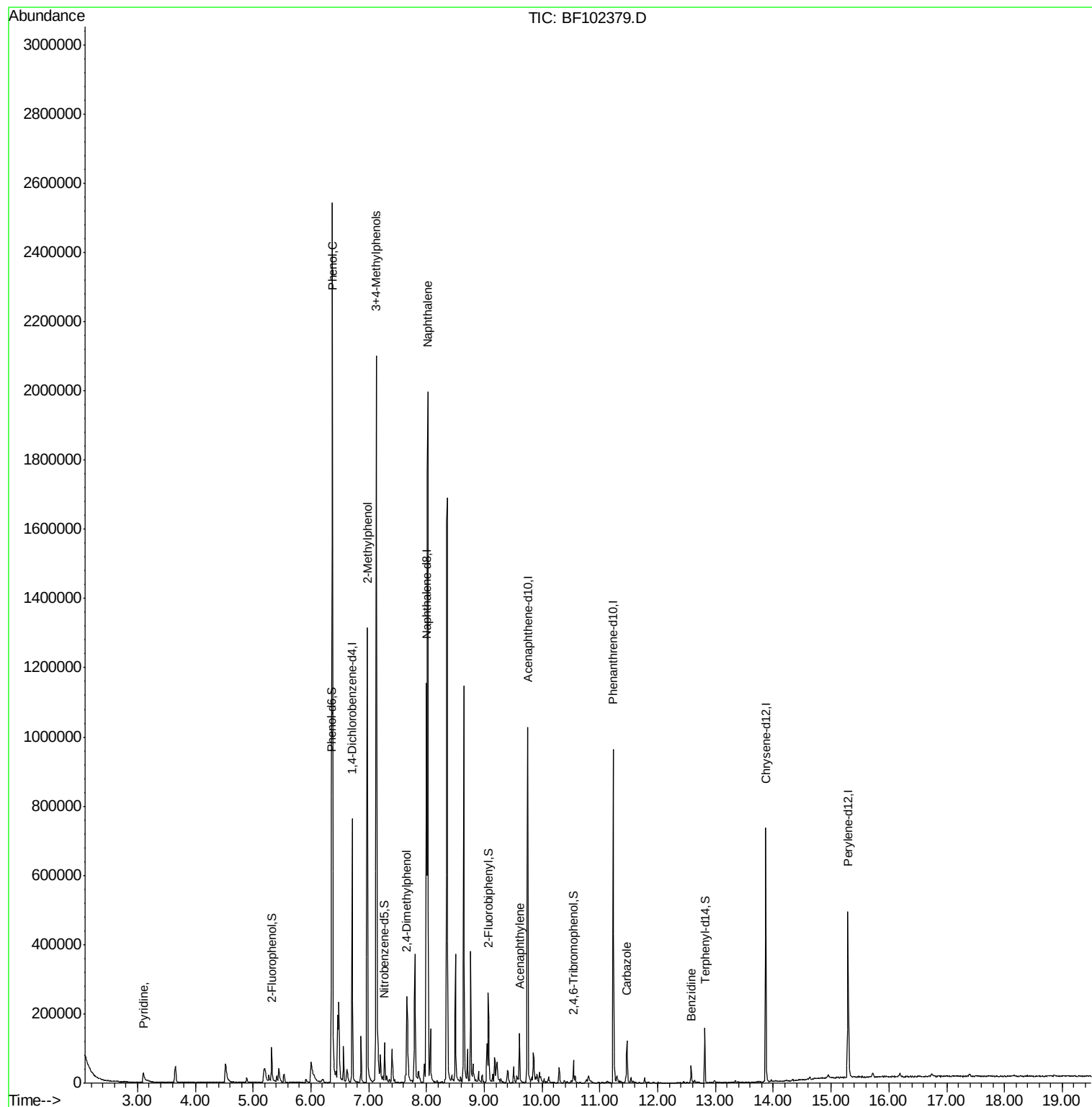
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	125480	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	515034	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	220090	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	335172	20.00	ng	0.00
75) Chrysene-d12	13.87	240	249064	20.00	ng	0.00
86) Perylene-d12	15.29	264	221905	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	38239	4.62	ng	0.00
7) Phenol-d6	6.35	99	46060	4.62	ng	0.00
23) Nitrobenzene-d5	7.27	82	32554	3.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	8772	4.02	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	74321	4.97	ng	-0.01
78) Terphenyl-d14	12.82	244	53812	4.87	ng	0.00
Target Compounds						
3) Pyridine	3.10	79	26579	2.587	ng	Qvalue 97
10) Phenol	6.37	94	1012759	92.981	ng	98
17) 2-Methylphenol	6.97	107	169338	22.476	ng	95
20) 3+4-Methylphenols	7.13	107	565790	63.852	ng	87
27) 2,4-Dimethylphenol	7.66	122	81954	11.692	ng	97
31) Naphthalene	8.02	128	894051	34.768	ng	100
48) Acenaphthylene	9.61	152	54126	2.271	ng	98
72) Carbazole	11.47	167	52280	2.688	ng	97
76) Benzidine	12.57	184	28372	3.391	ng	# 94

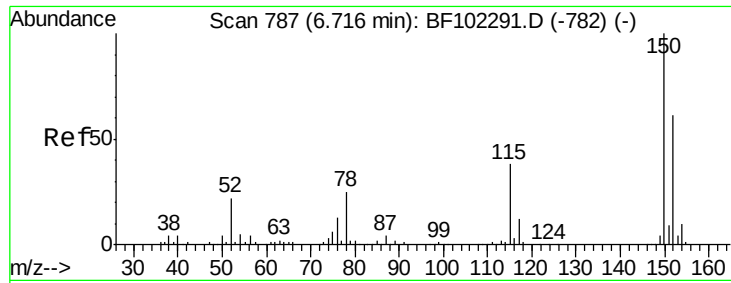
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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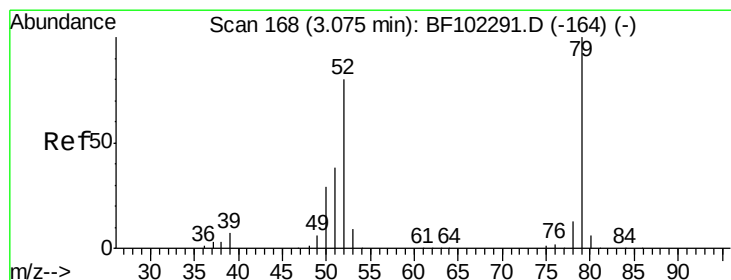
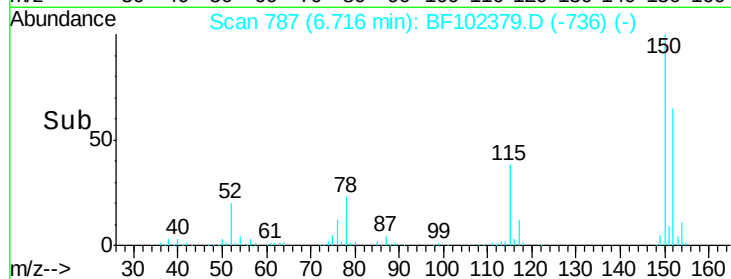
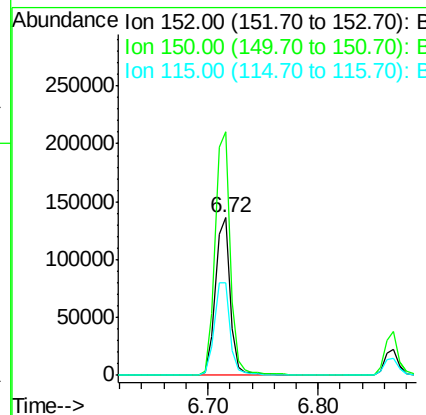
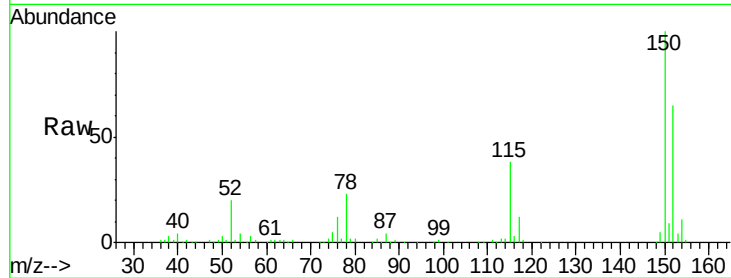


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Instrument :
BNA_F
ClientSampleId :
WC-11R-01DL

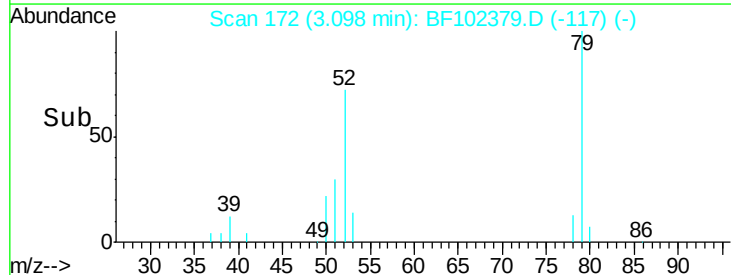
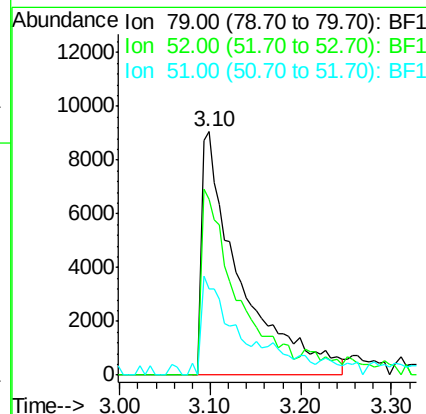
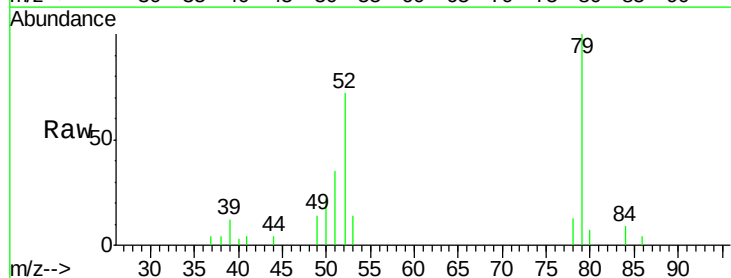
Tgt Ion: 152 Resp: 125480
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 58.6 50.1 75.1

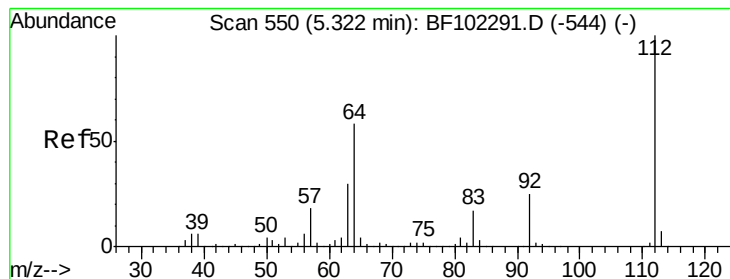


#3

Pyridine
Concen: 2.587 ng
RT: 3.10 min Scan# 172
Delta R.T. 0.02 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Tgt Ion: 79 Resp: 26579
Ion Ratio Lower Upper
79 100
52 72.1 59.8 89.6
51 35.3 29.8 44.8





#5

2-Fluorophenol

Concen: 4.621 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF102379.D

Acq: 24 Jan 2018 9:17

Instrument :

BNA_F

ClientSampleId :

WC-11R-01DL

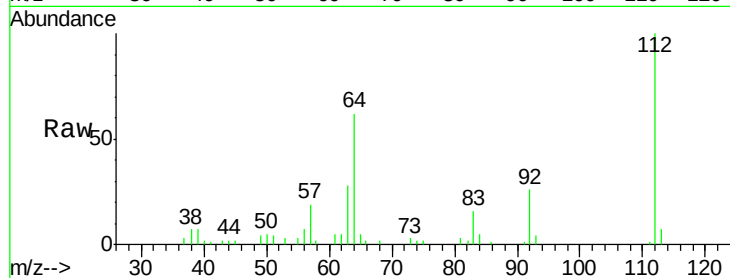
Tgt Ion: 112 Resp: 38239

Ion Ratio Lower Upper

112 100

64 61.8 47.9 71.9

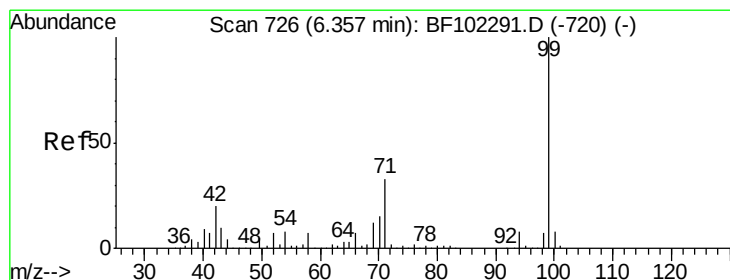
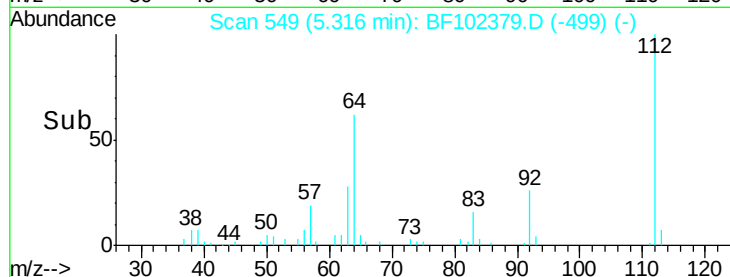
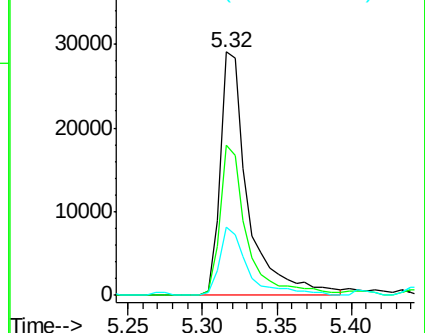
63 28.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 4.617 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102379.D

Acq: 24 Jan 2018 9:17

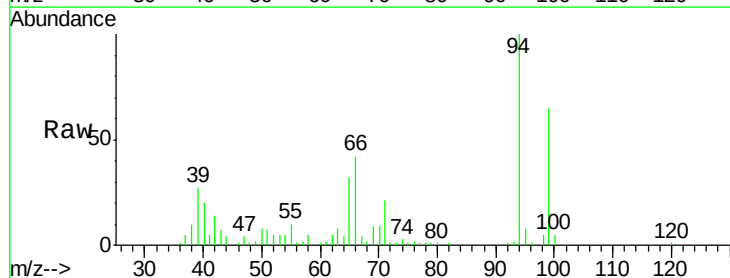
Tgt Ion: 99 Resp: 46060

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

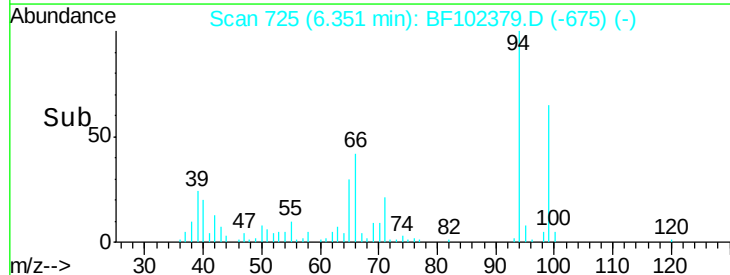
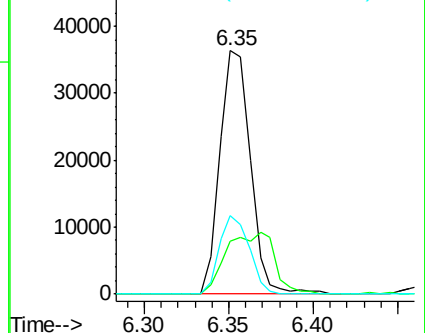
71 32.5 25.4 38.0

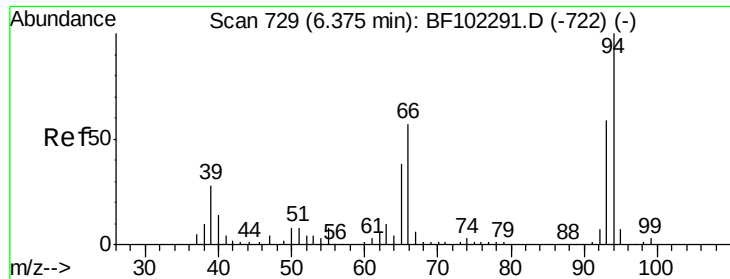


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

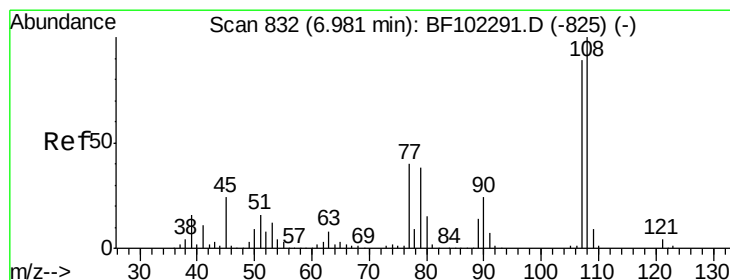
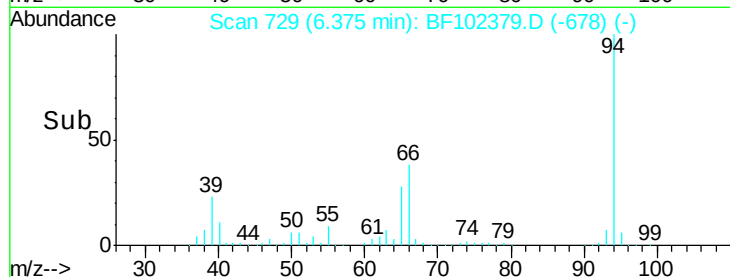
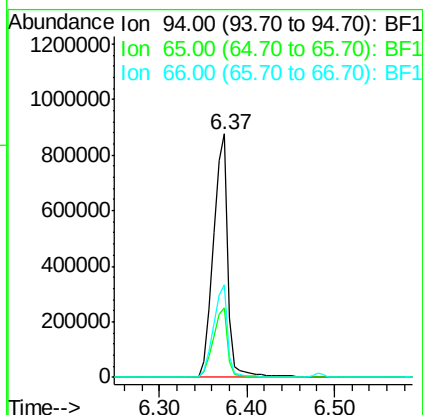
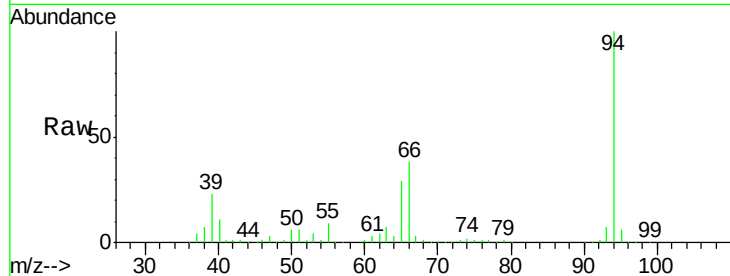




#10
Phenol
Concen: 92.981 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

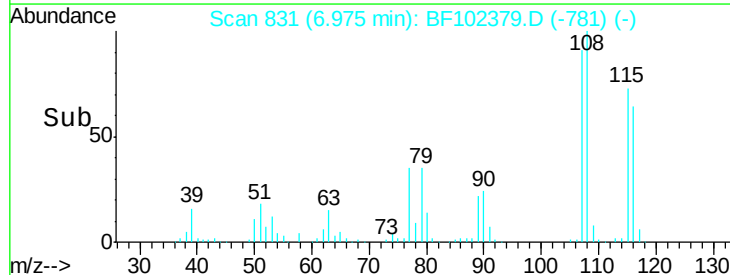
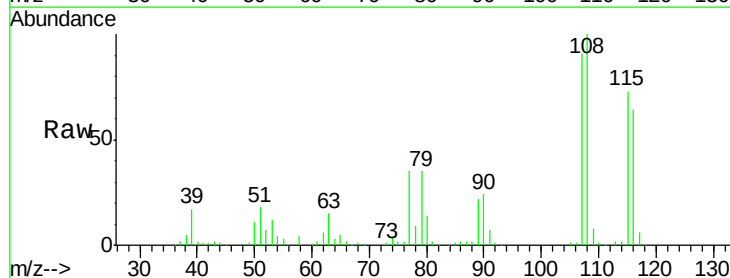
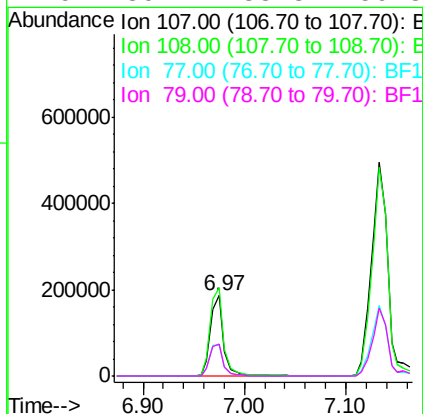
Instrument :
BNA_F
ClientSampleId :
WC-11R-01DL

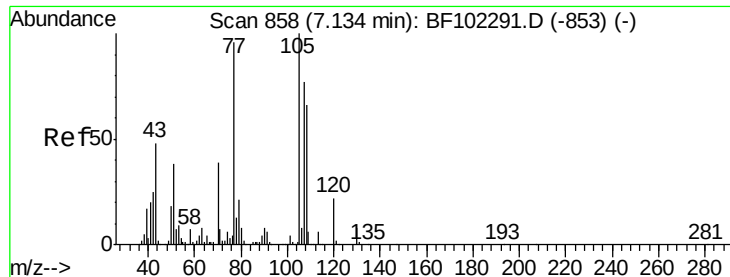
Tgt Ion: 94 Resp: 1012759
Ion Ratio Lower Upper
94 100
65 28.5 7.9 47.9
66 37.8 16.2 56.2



#17
2-Methylphenol
Concen: 22.476 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Tgt Ion: 107 Resp: 169338
Ion Ratio Lower Upper
107 100
108 110.3 91.7 137.5
77 38.3 33.8 50.8
79 39.1 33.8 50.8

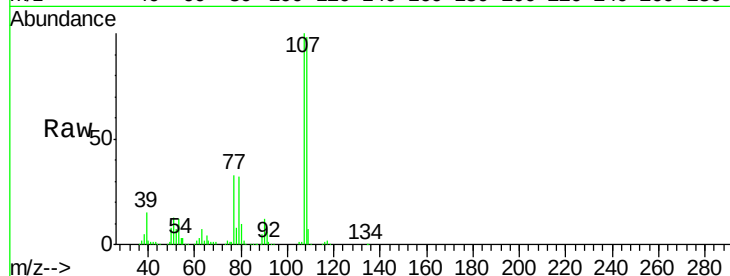




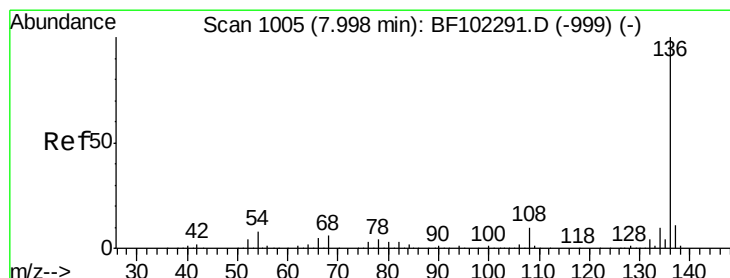
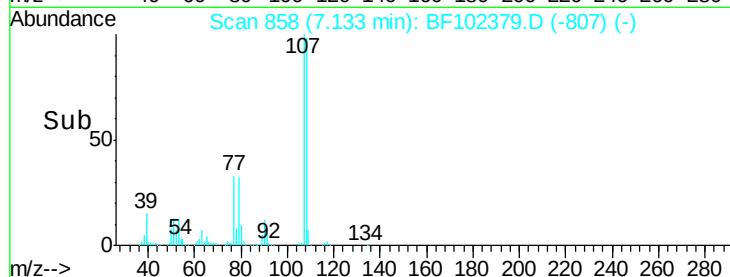
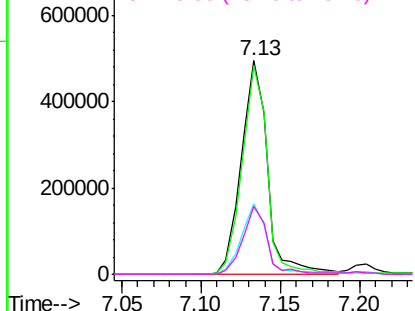
#20
3+4-Methylphenols
Concen: 63.852 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Instrument :
BNA_F
ClientSampleId :
WC-11R-01DL

Tgt Ion:	107	Resp:	565790
Ion	Ratio	Lower	Upper
107	100		
108	97.9	68.2	108.2
77	33.0	26.7	66.7
79	31.7	6.3	46.3

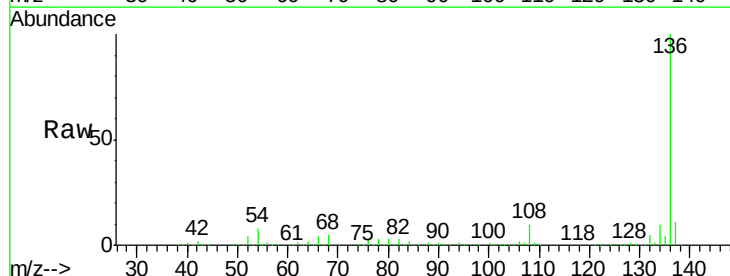


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

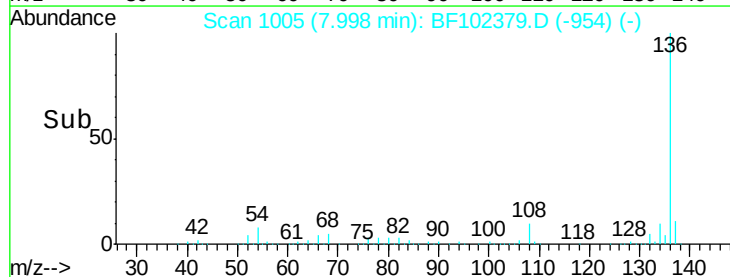
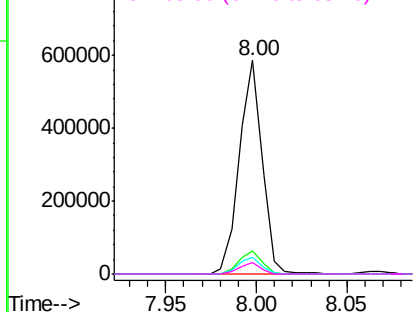


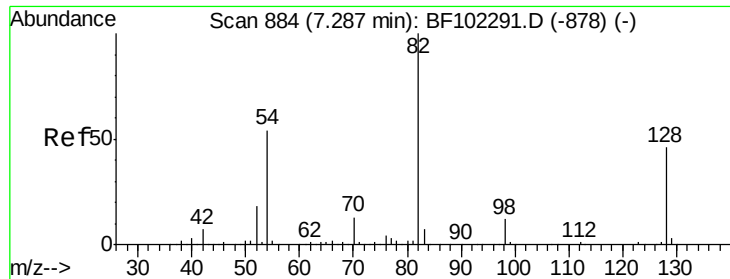
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Tgt Ion:	136	Resp:	515034
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.8	6.6	9.8
68	5.2	5.0	7.4



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

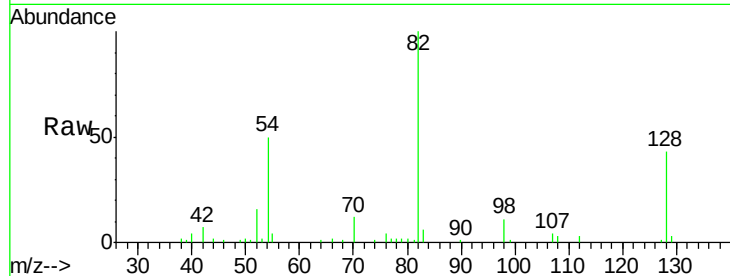




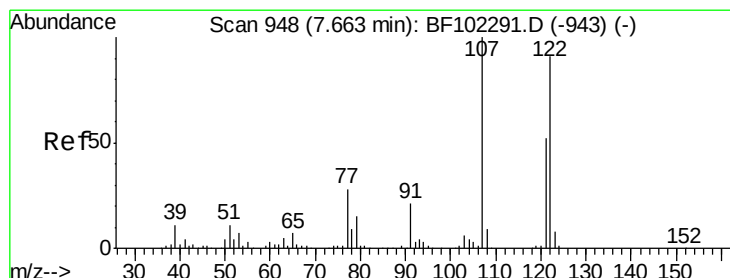
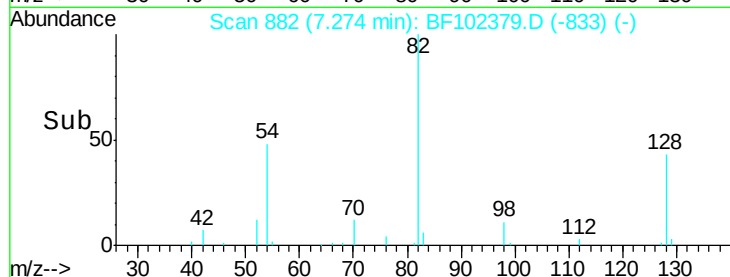
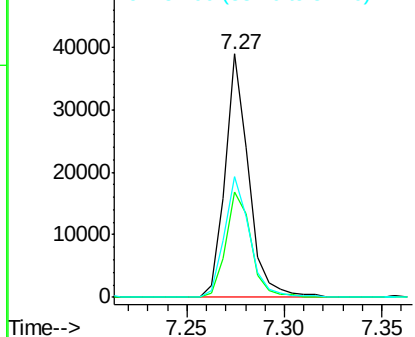
#23
Nitrobenzene-d5
Concen: 3.632 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Instrument :
BNA_F
ClientSampleId :
WC-11R-01DL

Tgt Ion: 82 Resp: 32554
Ion Ratio Lower Upper
82 100
128 43.4 36.1 54.1
54 49.7 41.4 62.2

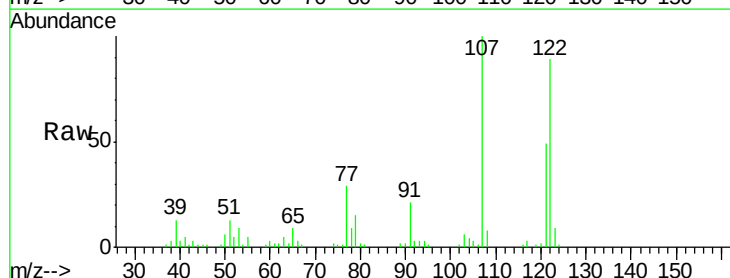


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

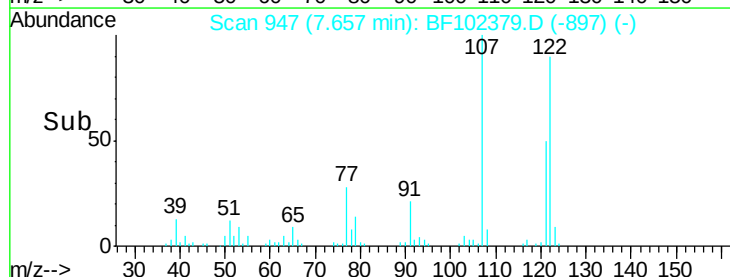
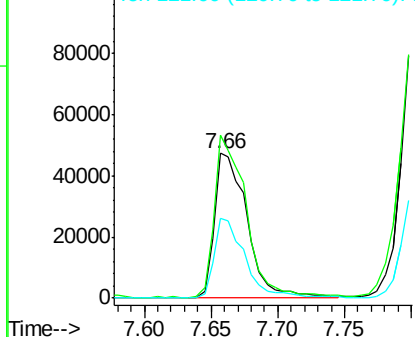


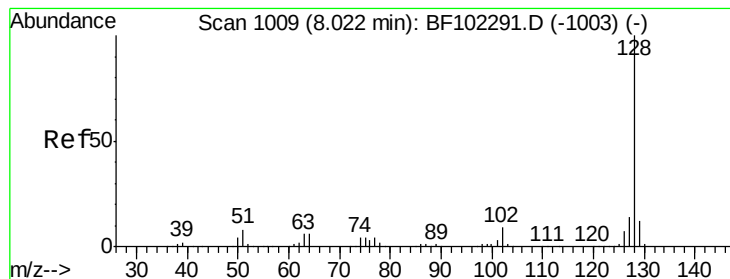
#27
2,4-Dimethylphenol
Concen: 11.692 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Tgt Ion: 122 Resp: 81954
Ion Ratio Lower Upper
122 100
107 112.3 91.2 136.8
121 55.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 107.00 (106.70 to 107.70): BF1
Ion 121.00 (120.70 to 121.70): BF1





#31

Naphthalene

Concen: 34.768 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF102379.D

Acq: 24 Jan 2018 9:17

Instrument :

BNA_F

ClientSampleId :

WC-11R-01DL

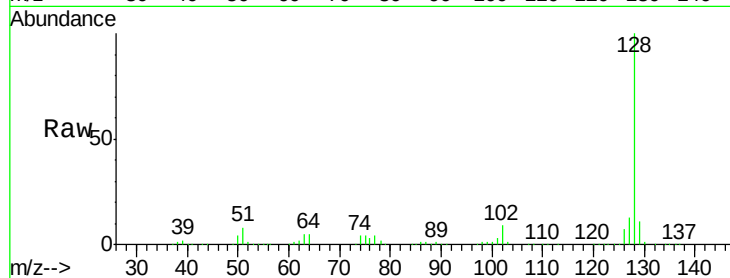
Tgt Ion:128 Resp: 894051

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

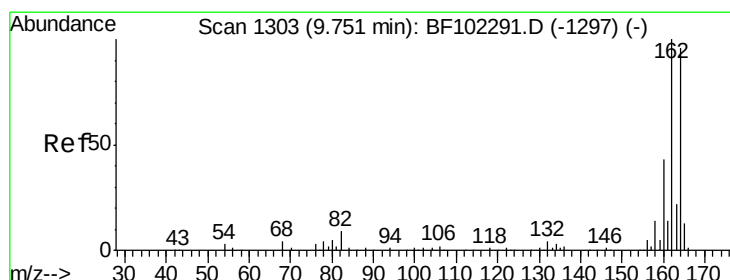
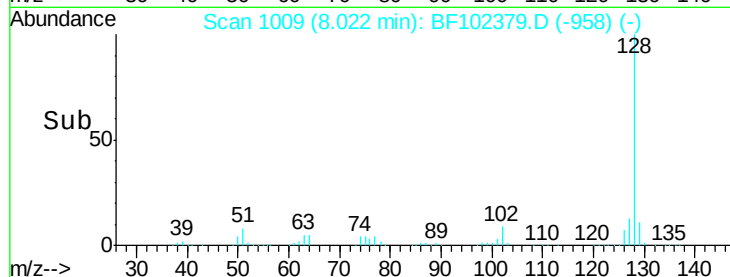
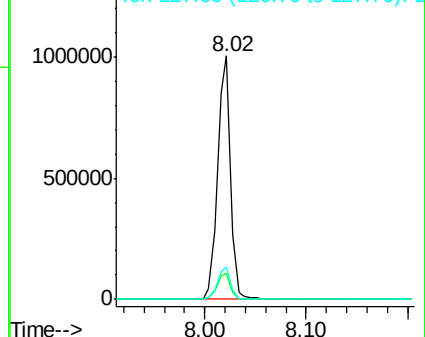
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102379.D

Acq: 24 Jan 2018 9:17

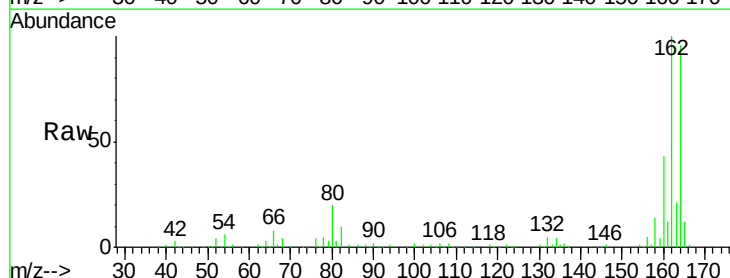
Tgt Ion:164 Resp: 220090

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

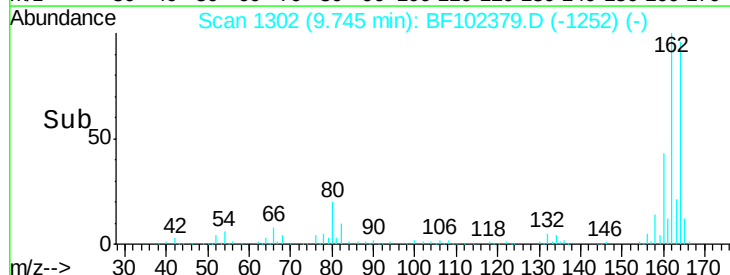
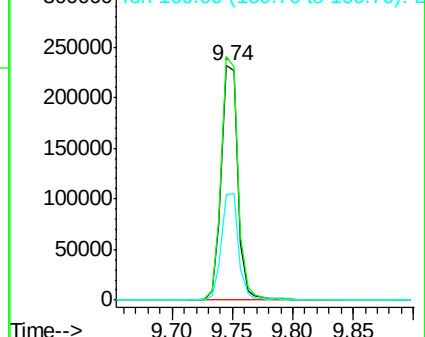
160 45.0 38.3 57.5

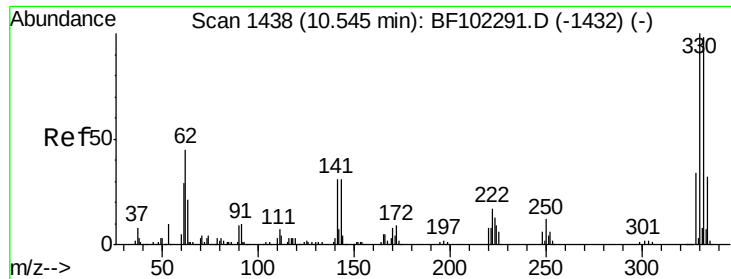


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

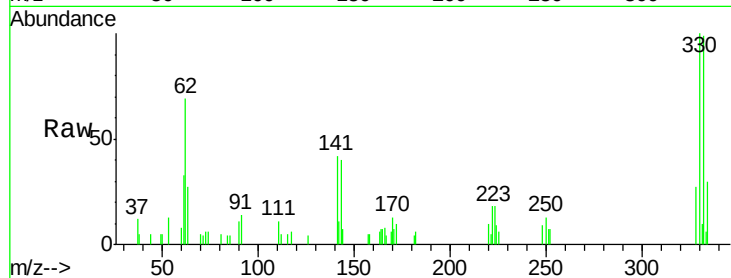




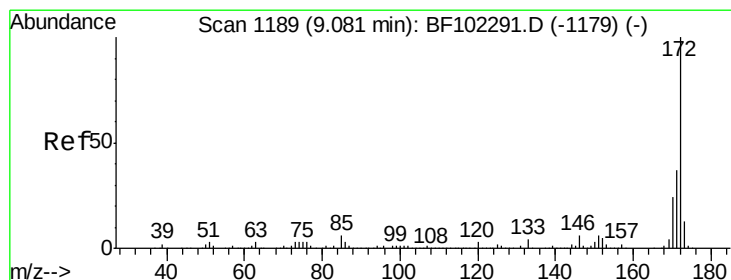
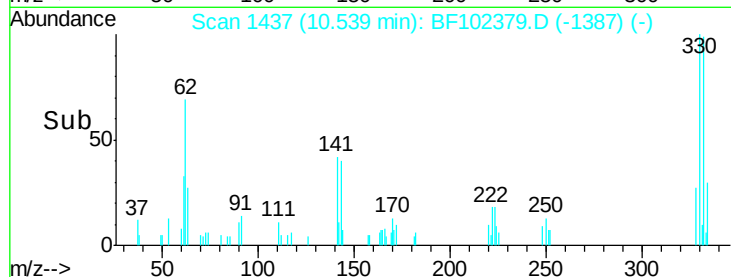
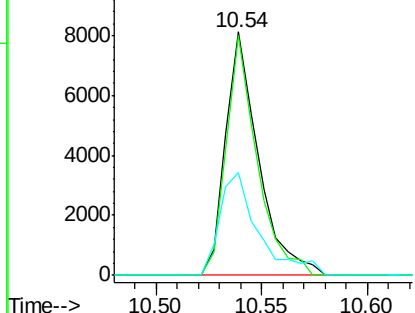
#41
 2,4,6-Tribromophenol
 Concen: 4.022 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102379.D
 Acq: 24 Jan 2018 9:17

Instrument :
 BNA_F
 ClientSampleId :
 WC-11R-01DL

Tgt Ion: 330 Resp: 8772
 Ion Ratio Lower Upper
 330 100
 332 91.8 77.0 115.6
 141 49.7 29.9 44.9#

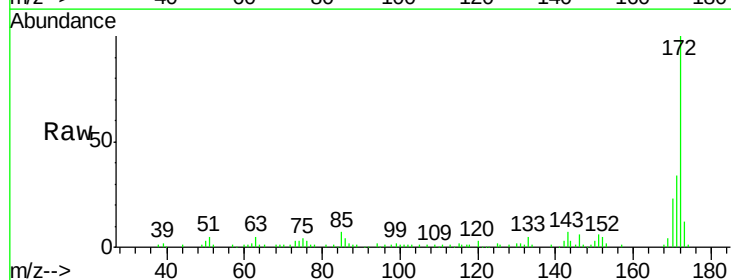


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

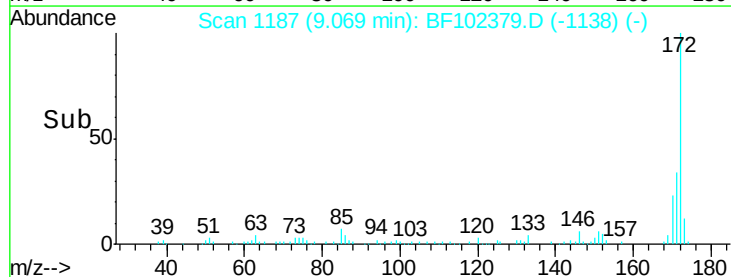
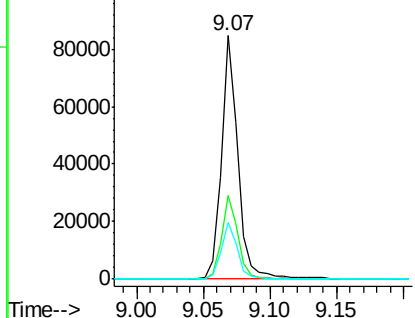


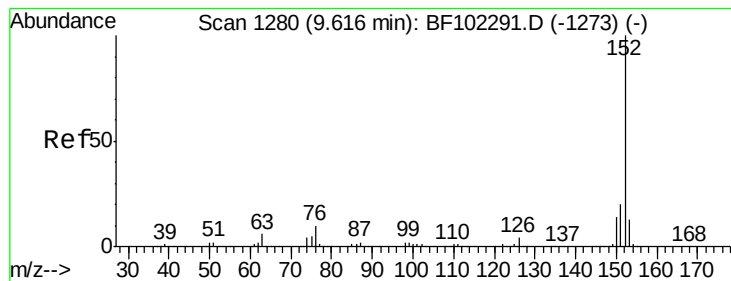
#44
 2-Fluorobiphenyl
 Concen: 4.965 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102379.D
 Acq: 24 Jan 2018 9:17

Tgt Ion: 172 Resp: 74321
 Ion Ratio Lower Upper
 172 100
 171 34.2 29.7 44.5
 170 23.5 19.6 29.4



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: 2.271 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF102379.D

Acq: 24 Jan 2018 9:17

Instrument :

BNA_F

ClientSampleId :

WC-11R-01DL

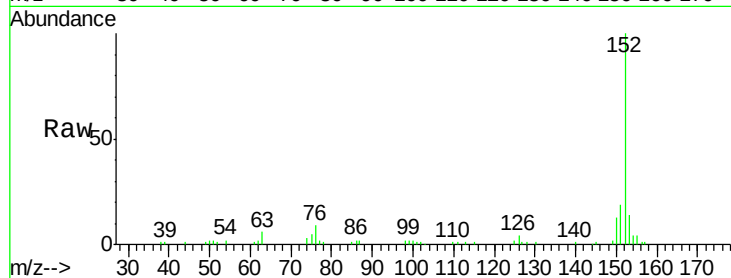
Tgt Ion:152 Resp: 54126

Ion Ratio Lower Upper

152 100

151 18.8 16.3 24.5

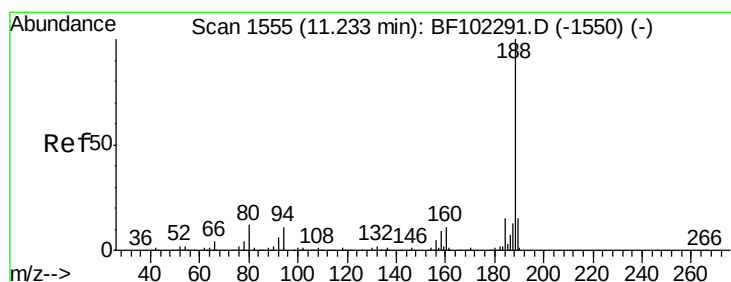
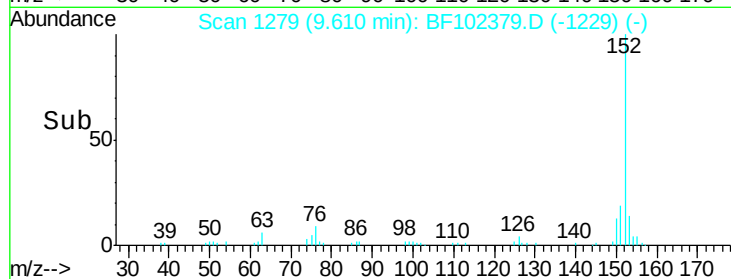
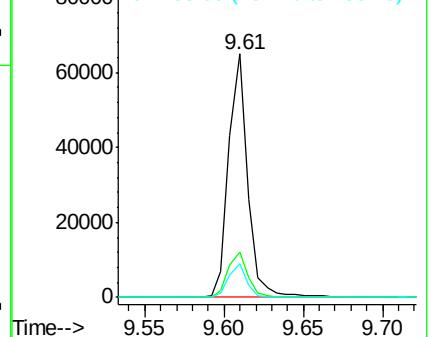
153 13.7 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF102379.D

Acq: 24 Jan 2018 9:17

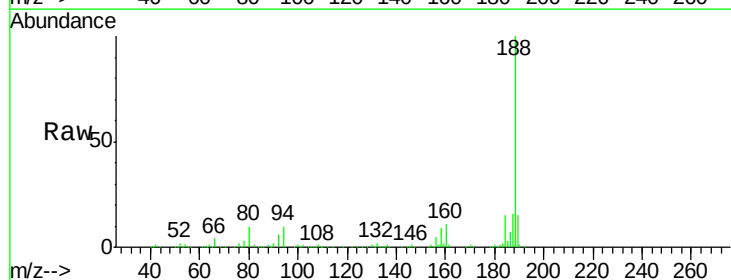
Tgt Ion:188 Resp: 335172

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

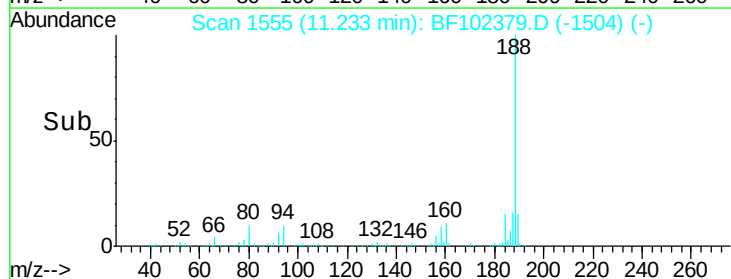
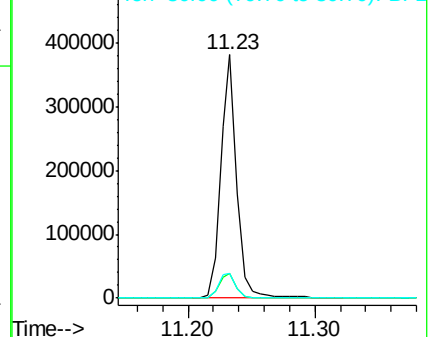
80 10.0 9.2 13.8

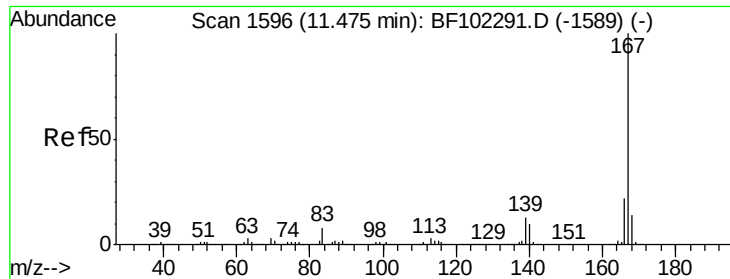


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#72

Carbazole

Concen: 2.688 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF102379.D

Acq: 24 Jan 2018 9:17

Instrument :

BNA_F

ClientSampleId :

WC-11R-01DL

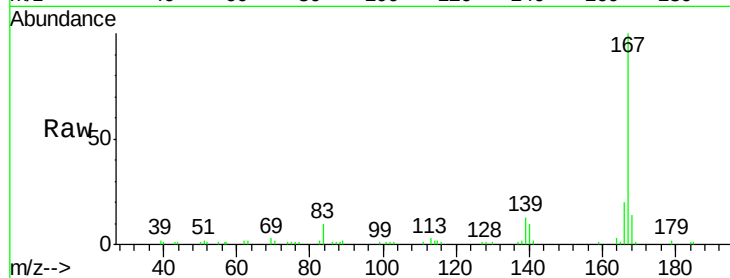
Tgt Ion:167 Resp: 52280

Ion Ratio Lower Upper

167 100

166 20.3 17.6 26.4

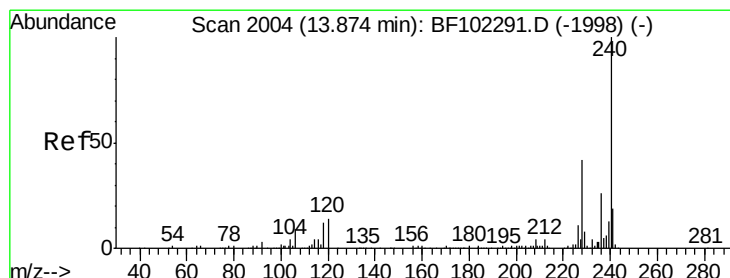
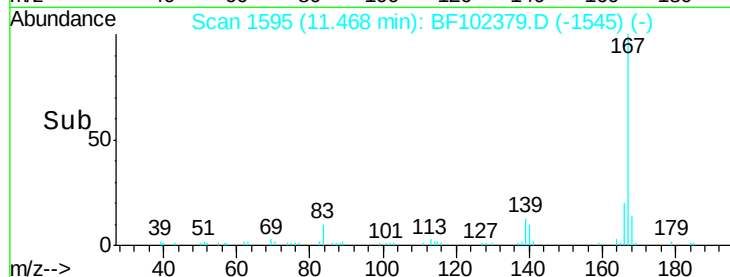
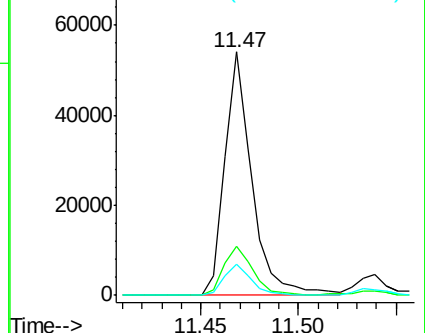
139 12.9 10.9 16.3



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102379.D

Acq: 24 Jan 2018 9:17

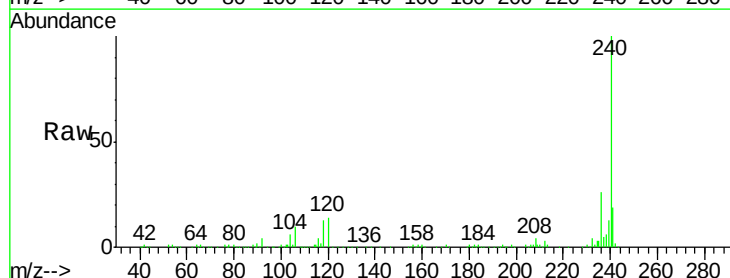
Tgt Ion:240 Resp: 249064

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

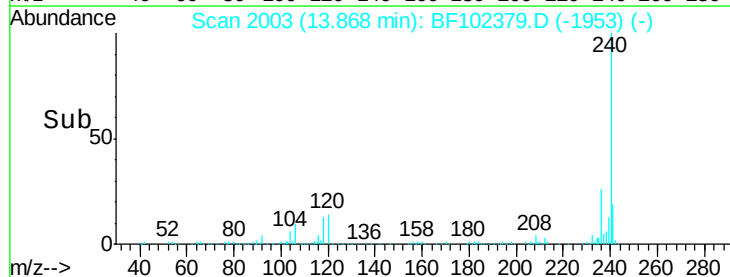
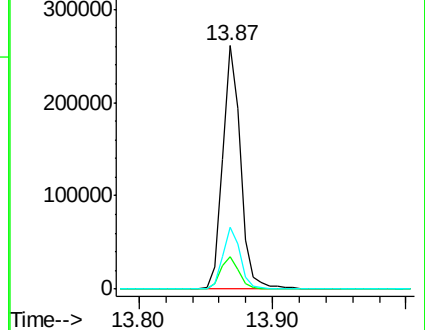
236 25.5 20.7 31.1

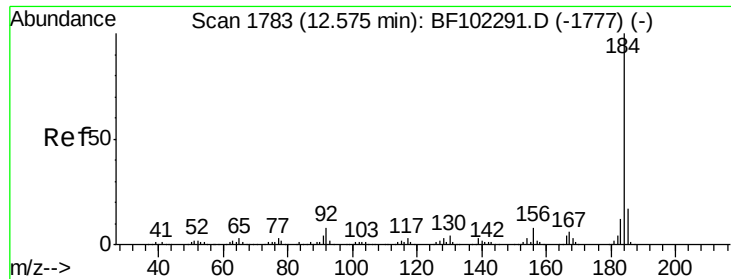


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.391 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF102379.D

Acq: 24 Jan 2018 9:17

Instrument :

BNA_F

ClientSampleId :

WC-11R-01DL

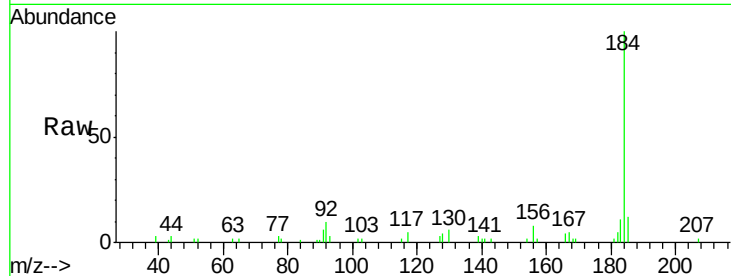
Tgt Ion:184 Resp: 28372

Ion Ratio Lower Upper

184 100

185 11.9 12.6 18.8#

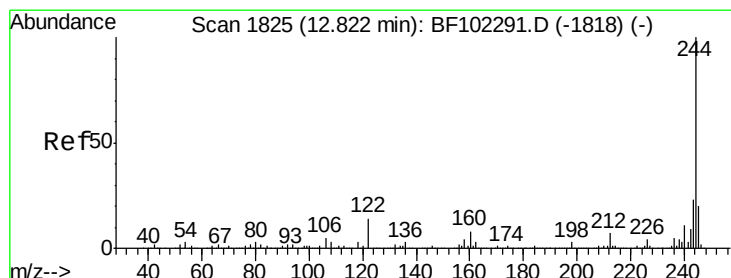
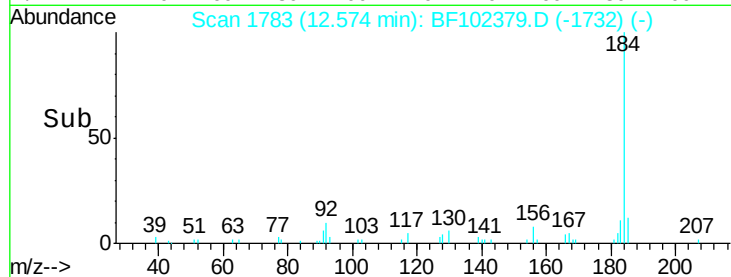
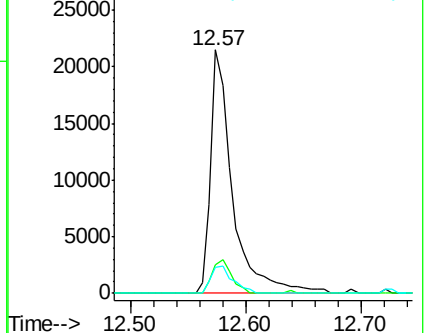
183 10.6 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 4.871 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF102379.D

Acq: 24 Jan 2018 9:17

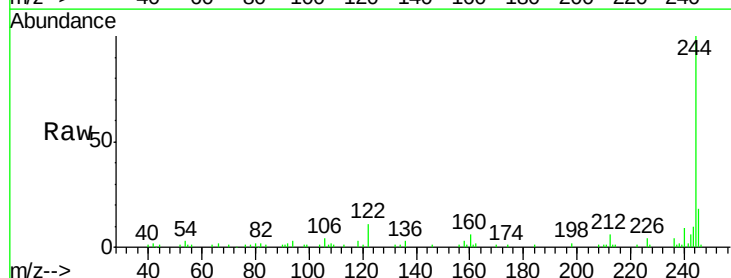
Tgt Ion:244 Resp: 53812

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

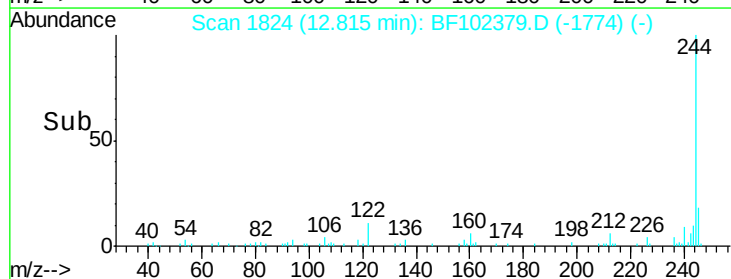
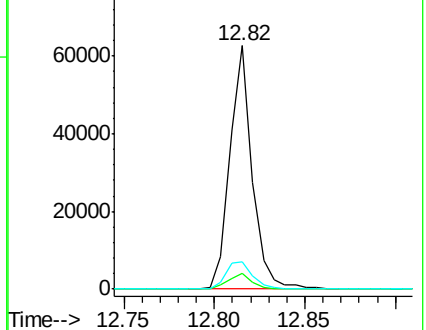
122 11.4 11.0 16.4

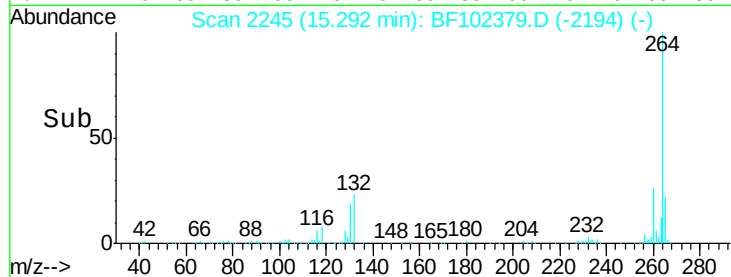
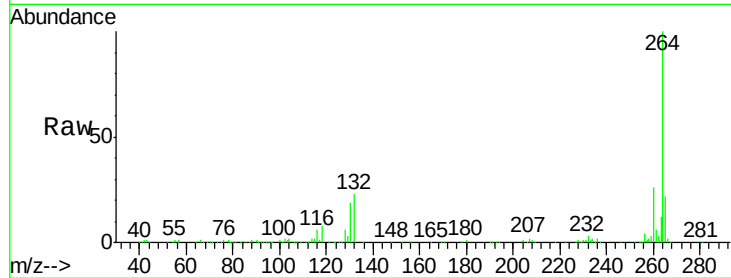
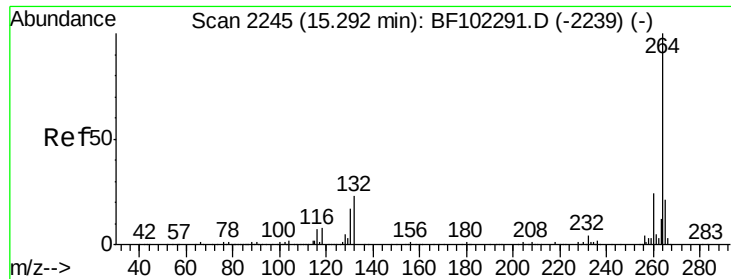


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2245

Delta R.T. -0.00 min

Lab File: BF102379.D

Acq: 24 Jan 2018 9:17

Instrument :

BNA_F

ClientSampleId :

WC-11R-01DL

Tgt Ion:264 Resp: 221905

Ion Ratio Lower Upper

264 100

260 25.8 19.2 28.8

265 21.9 17.5 26.3

