

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
 Data File : BF101511.D
 Acq On : 19 Dec 2017 6:31
 Operator : SJ/JU
 Sample : I6910-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121317-TIDO-E-D-M

Quant Time: Dec 19 07:19:12 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

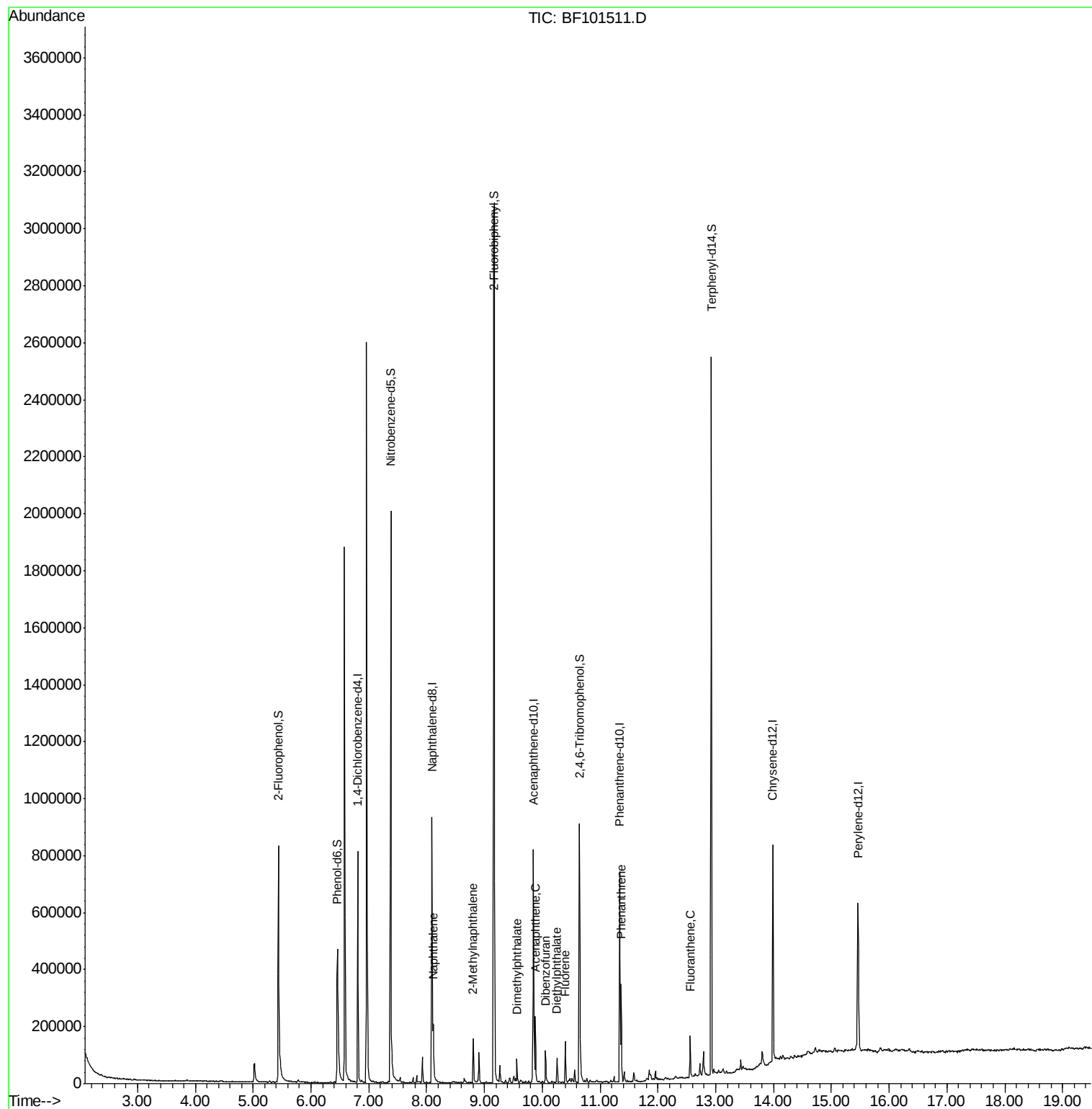
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	123789	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	440147	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	157128	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	256266	20.00	ng	0.00
75) Chrysene-d12	13.99	240	284611	20.00	ng	0.00
86) Perylene-d12	15.46	264	260252	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	317412	38.19	ng	0.01
7) Phenol-d6	6.46	99	224328	21.69	ng	0.00
23) Nitrobenzene-d5	7.38	82	699133	88.42	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	130133	85.95	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1097112	108.31	ng	0.00
78) Terphenyl-d14	12.92	244	896399	75.93	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.12	128	88600	3.998	ng	99
37) 2-Methylnaphthalene	8.81	142	51170	3.544	ng	94
49) Dimethylphthalate	9.56	163	35443	2.804	ng	99
51) Acenaphthene	9.88	154	50227	4.964	ng	98
54) Dibenzofuran	10.06	168	48352	3.760	ng	98
57) Fluorene	10.40	166	41760	3.839	ng	98
59) Diethylphthalate	10.26	149	28838	2.304	ng	99
70) Phenanthrene	11.36	178	123287	8.651	ng	97
74) Fluoranthene	12.56	202	56182	3.756	ng	98

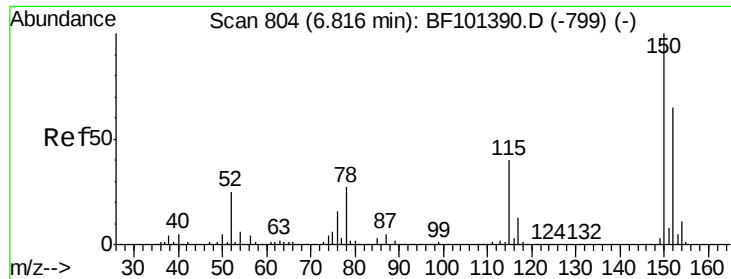
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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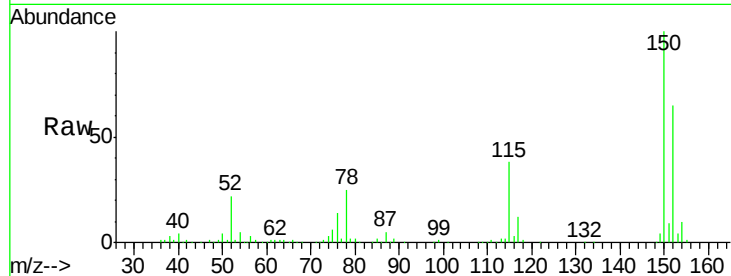




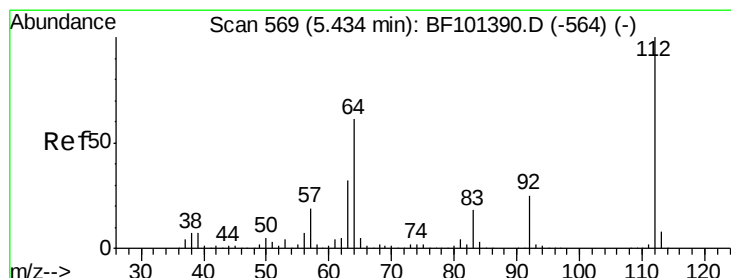
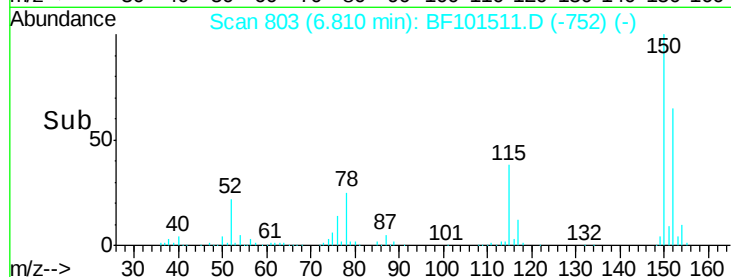
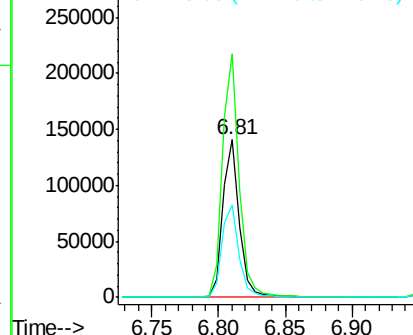
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF101511.D
 Acq: 19 Dec 2017 6:31

Instrument :
 BNA_F
 ClientSampleId :
 121317-TIDO-E-D-M

Tgt Ion:152 Resp: 123789
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 58.9 50.1 75.1

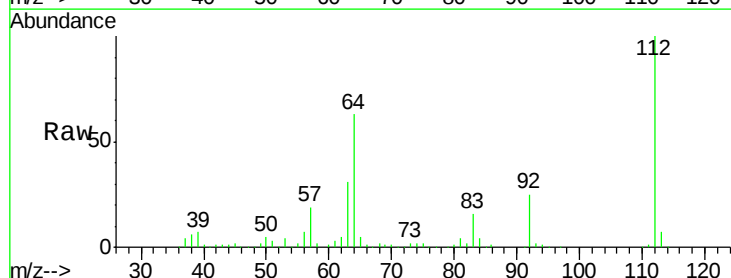


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

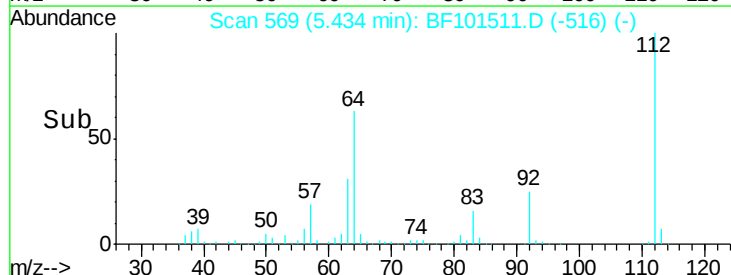
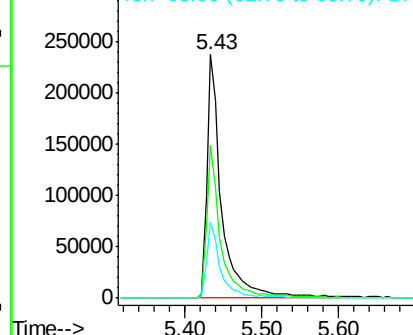


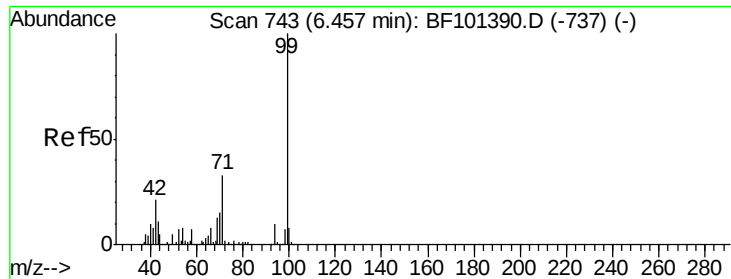
#5
 2-Fluorophenol
 Concen: 38.195 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF101511.D
 Acq: 19 Dec 2017 6:31

Tgt Ion:112 Resp: 317412
 Ion Ratio Lower Upper
 112 100
 64 62.6 47.9 71.9
 63 31.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 21.690 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101511.D

Acq: 19 Dec 2017 6:31

Instrument :

BNA_F

ClientSampleId :

121317-TIDO-E-D-M

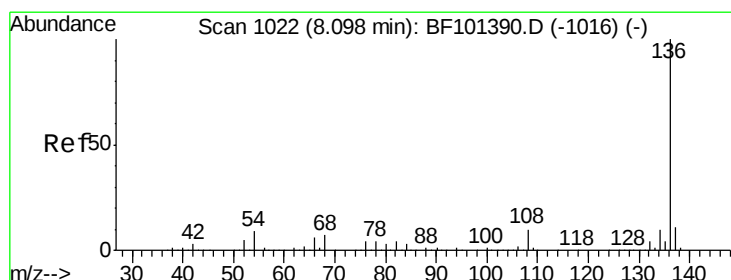
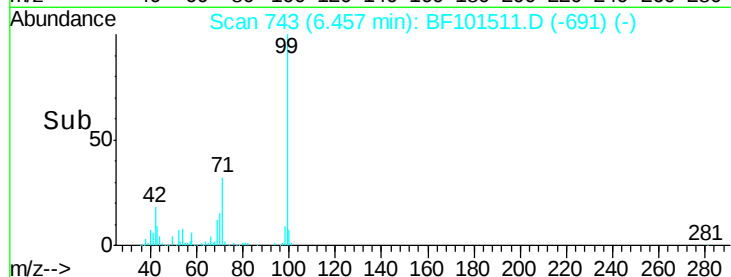
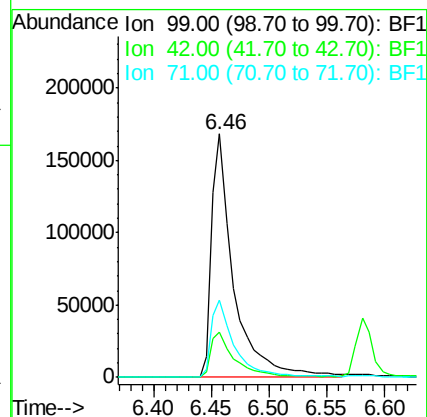
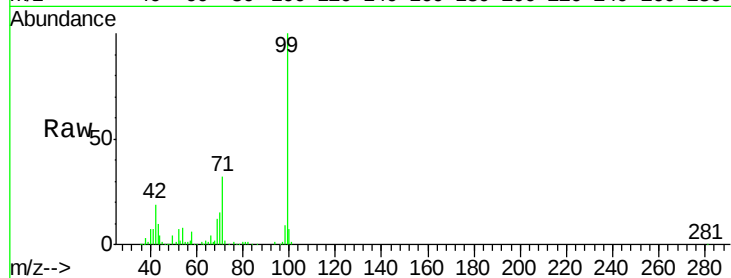
Tgt Ion: 99 Resp: 224328

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

71 31.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF101511.D

Acq: 19 Dec 2017 6:31

Tgt Ion: 136 Resp: 440147

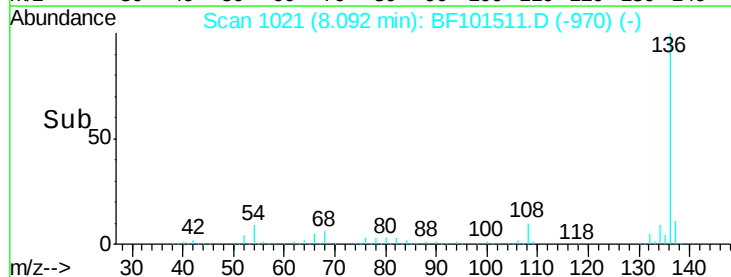
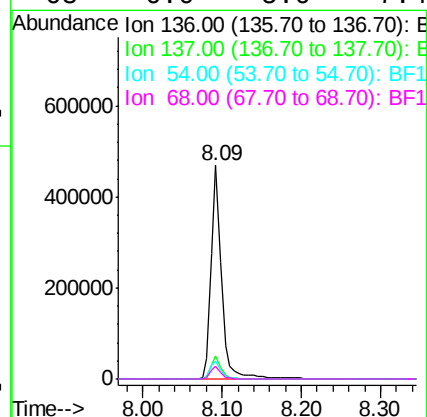
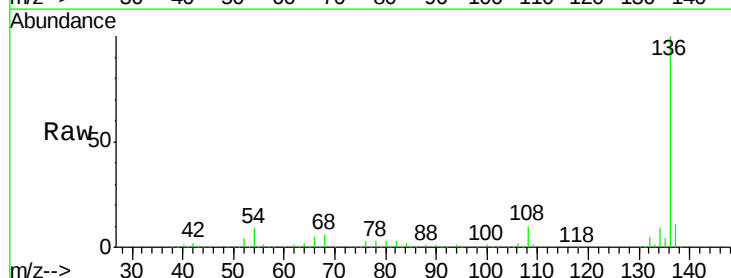
Ion Ratio Lower Upper

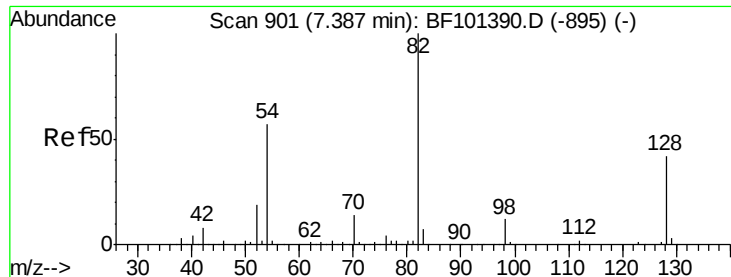
136 100

137 10.9 8.9 13.3

54 8.5 6.6 9.8

68 6.0 5.0 7.4

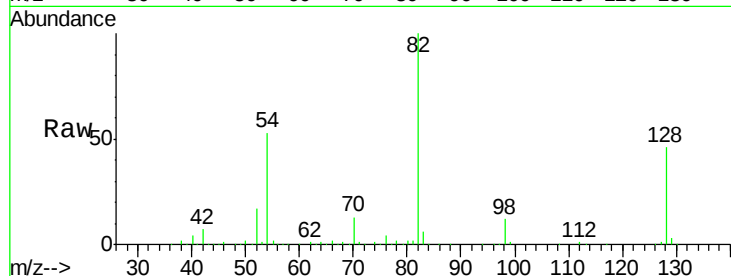




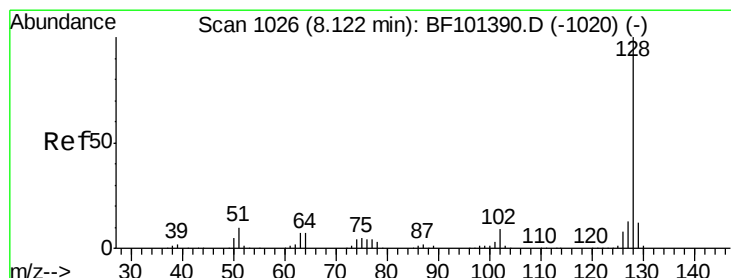
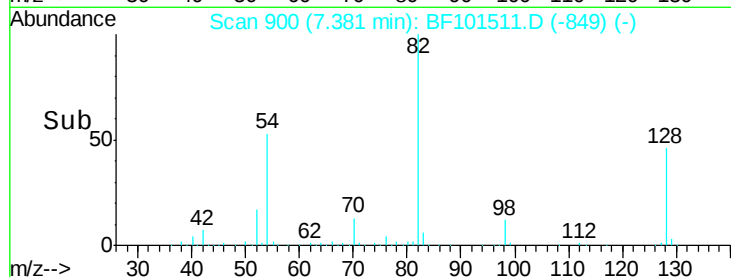
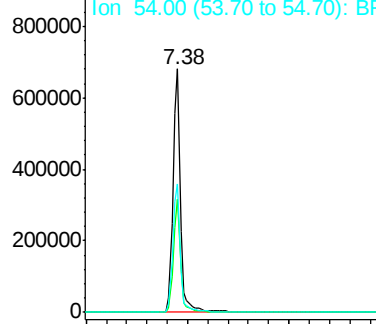
#23
 Nitrobenzene-d5
 Concen: 88.420 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF101511.D
 Acq: 19 Dec 2017 6:31

Instrument :
 BNA_F
 ClientSampleId :
 121317-TIDO-E-D-M

Tgt Ion: 82 Resp: 699133
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.1 54.1
 54 52.9 41.4 62.2

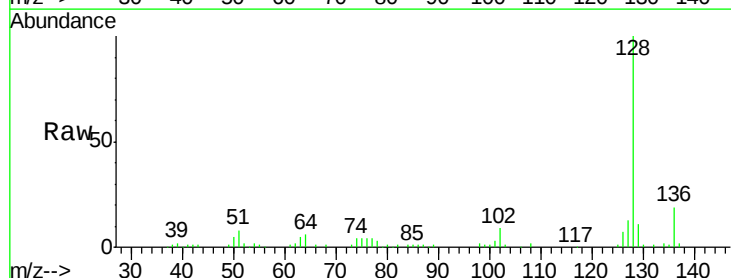


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

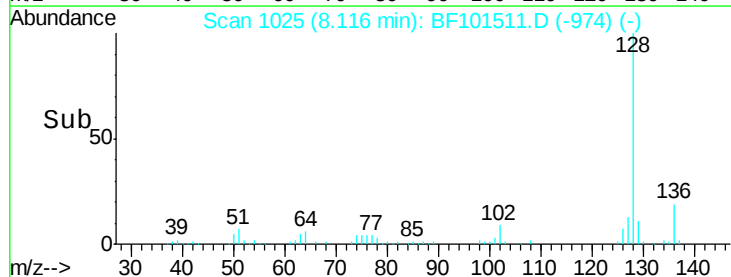
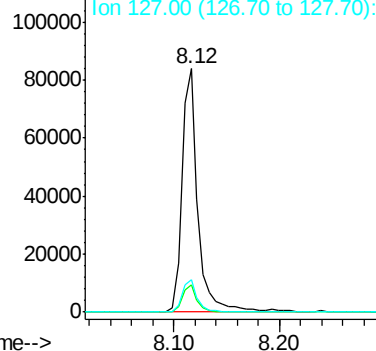


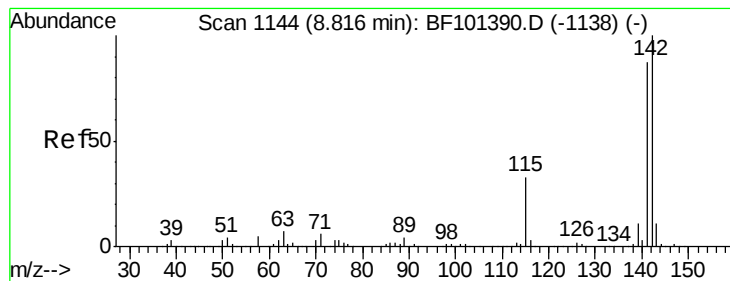
#31
 Naphthalene
 Concen: 3.998 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF101511.D
 Acq: 19 Dec 2017 6:31

Tgt Ion: 128 Resp: 88600
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.8 13.2
 127 13.2 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

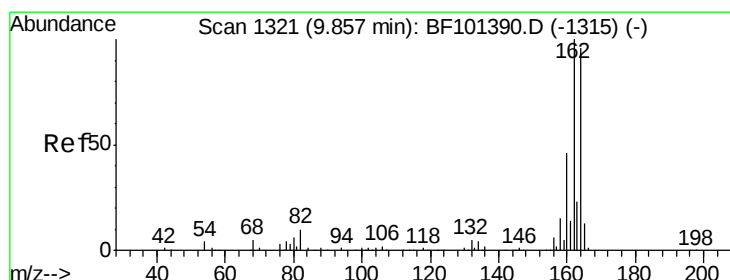
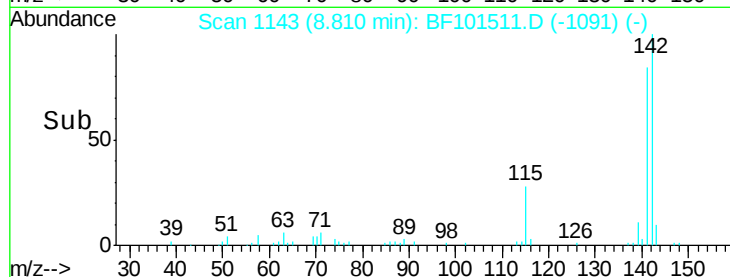
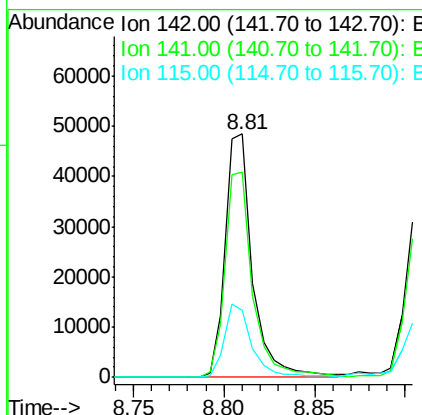
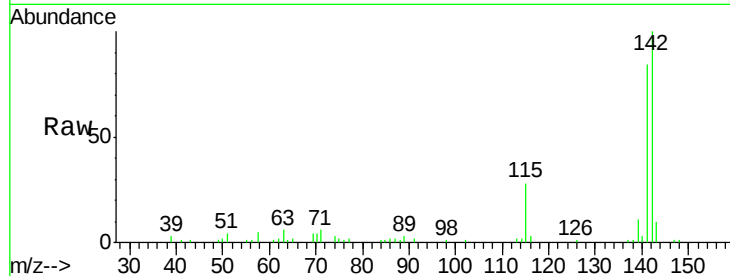




#37
 2-Methylnaphthalene
 Concen: 3.544 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: BF101511.D
 Acq: 19 Dec 2017 6:31

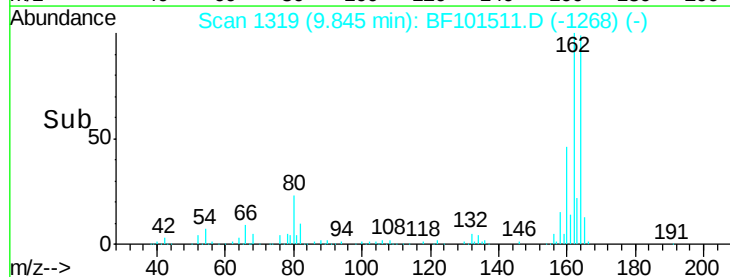
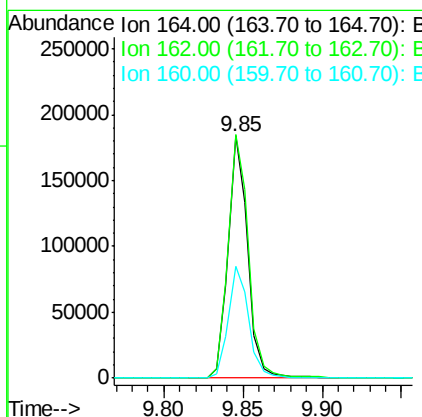
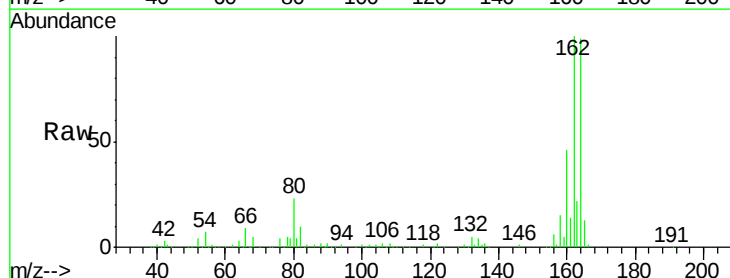
Instrument :
 BNA_F
 ClientSampleId :
 121317-TIDO-E-D-M

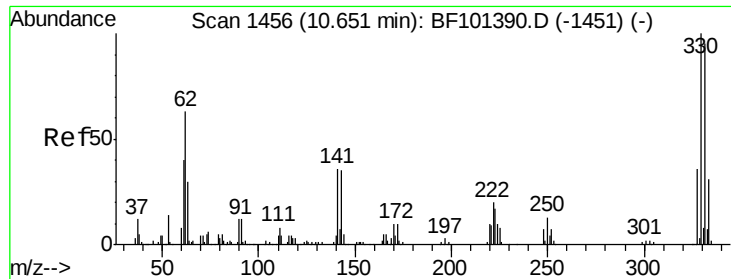
Tgt Ion:142 Resp: 51170
 Ion Ratio Lower Upper
 142 100
 141 84.2 70.8 106.2
 115 27.5 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF101511.D
 Acq: 19 Dec 2017 6:31

Tgt Ion:164 Resp: 157128
 Ion Ratio Lower Upper
 164 100
 162 100.5 86.1 129.1
 160 45.9 38.3 57.5

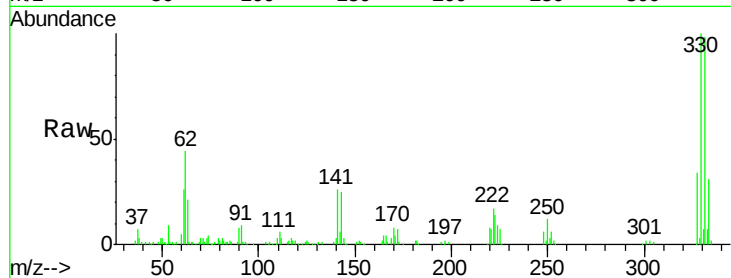




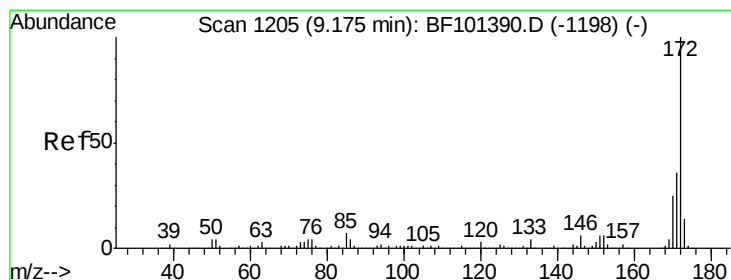
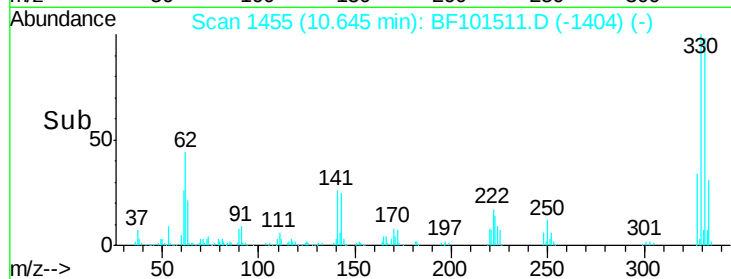
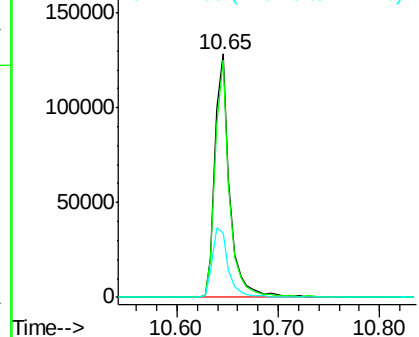
#41
 2,4,6-Tribromophenol
 Concen: 85.950 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF101511.D
 Acq: 19 Dec 2017 6:31

Instrument :
 BNA_F
 ClientSampleId :
 121317-TIDO-E-D-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	30.8	29.9	44.9

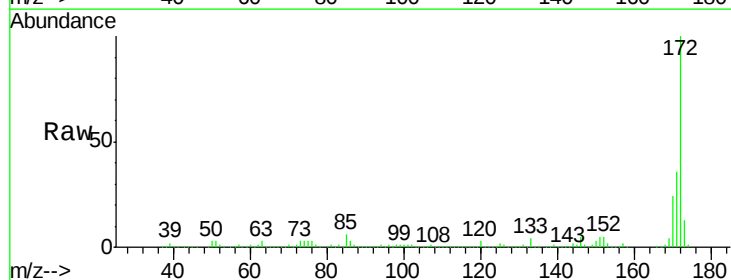


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

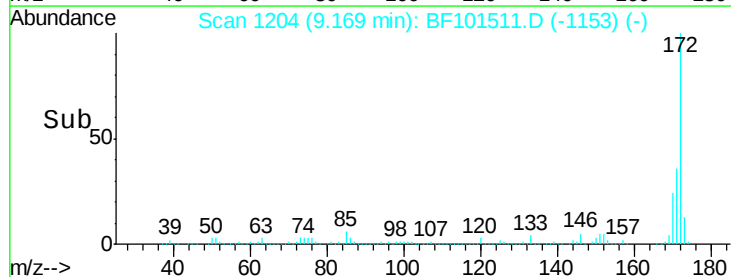
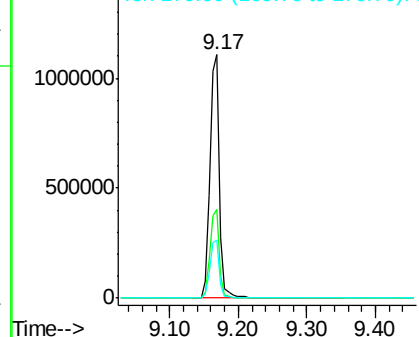


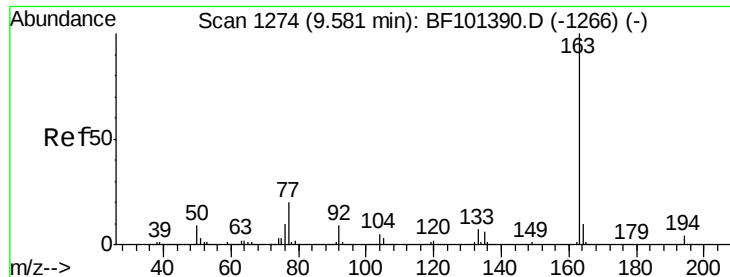
#44
 2-Fluorobiphenyl
 Concen: 108.312 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF101511.D
 Acq: 19 Dec 2017 6:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.7	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

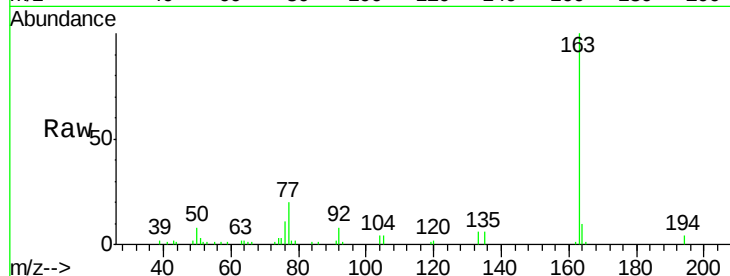




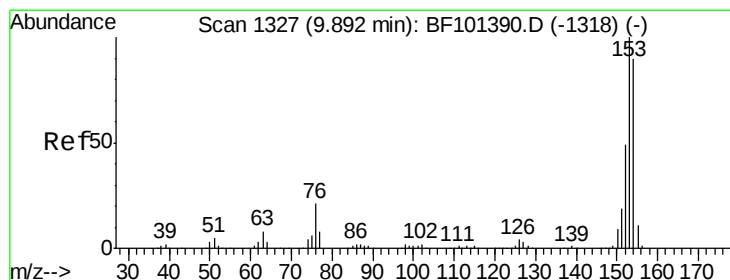
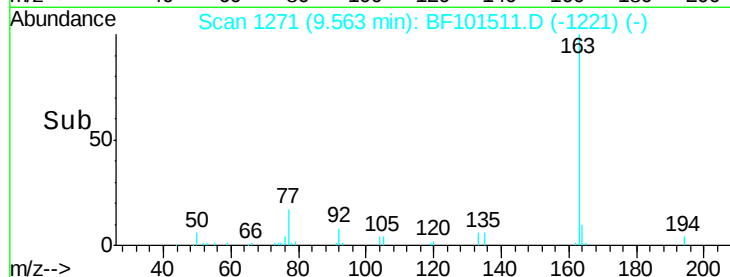
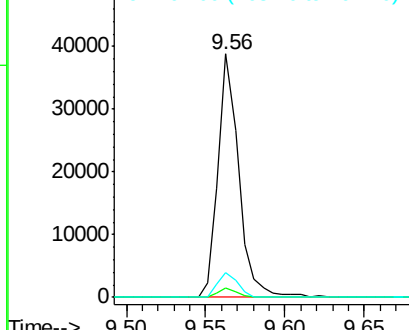
#49
Dimethylphthalate
Concen: 2.804 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101511.D
Acq: 19 Dec 2017 6:31

Instrument :
BNA_F
ClientSampleId :
121317-TIDO-E-D-M

Tgt Ion:163 Resp: 35443
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.0 8.2 12.2

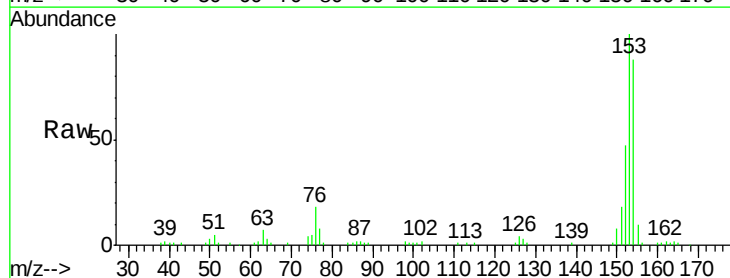


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

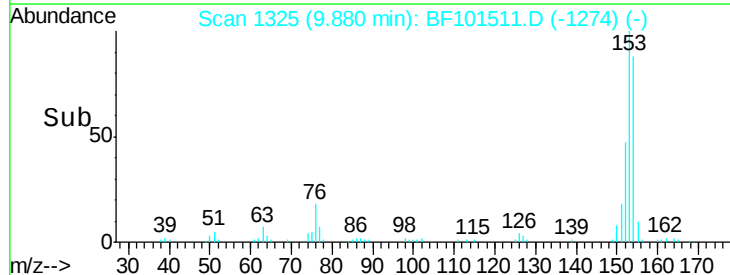
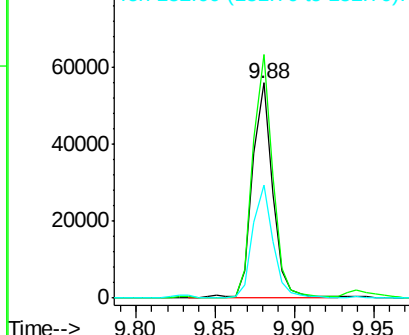


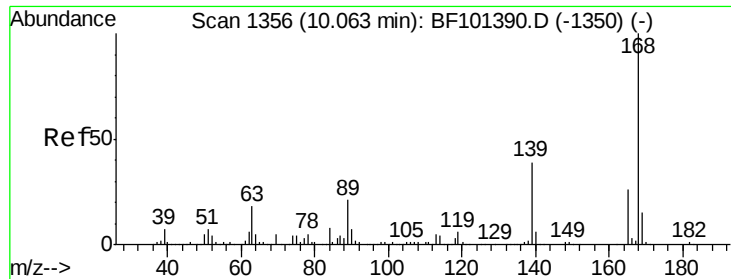
#51
Acenaphthene
Concen: 4.964 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF101511.D
Acq: 19 Dec 2017 6:31

Tgt Ion:154 Resp: 50227
Ion Ratio Lower Upper
154 100
153 113.1 91.2 136.8
152 52.7 43.8 65.8



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: 3.760 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BF101511.D

Acq: 19 Dec 2017 6:31

Instrument :

BNA_F

ClientSampleId :

121317-TIDO-E-D-M

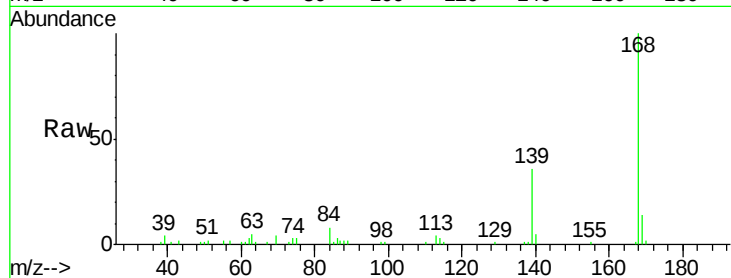
Tgt Ion:168 Resp: 48352

Ion Ratio Lower Upper

168 100

139 36.5 30.1 45.1

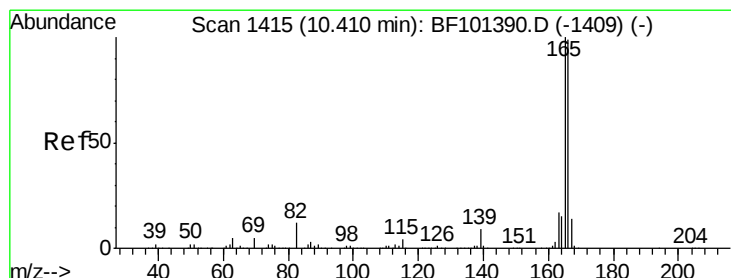
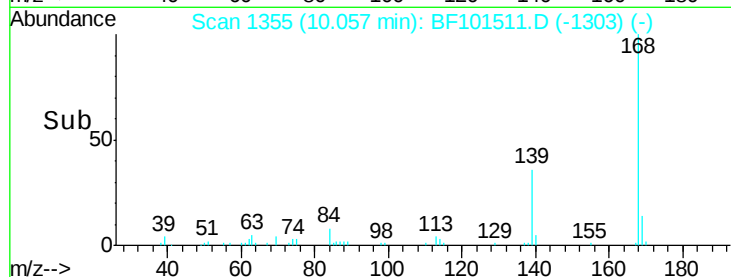
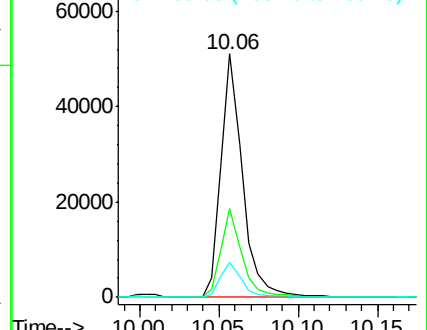
169 14.3 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 3.839 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF101511.D

Acq: 19 Dec 2017 6:31

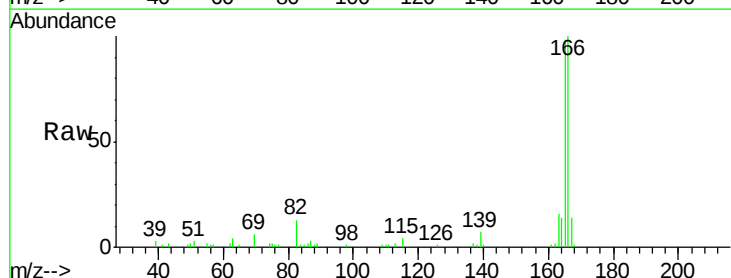
Tgt Ion:166 Resp: 41760

Ion Ratio Lower Upper

166 100

165 97.9 79.8 119.8

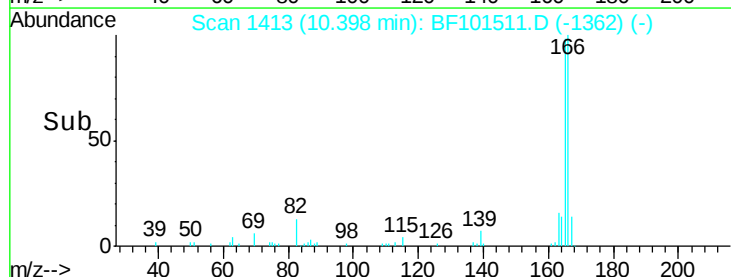
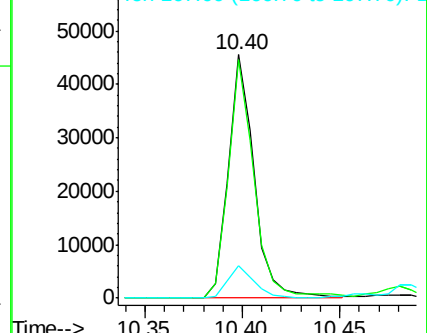
167 13.5 10.6 16.0

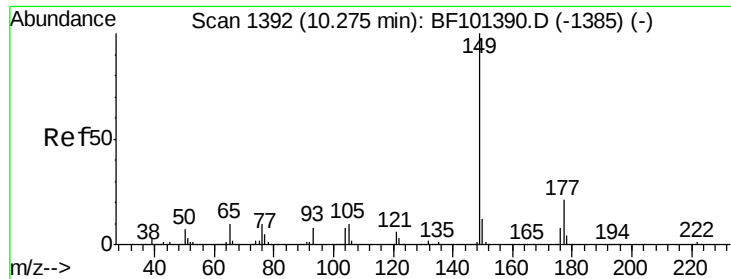


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

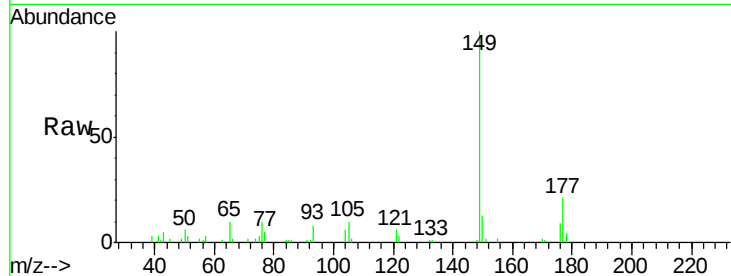




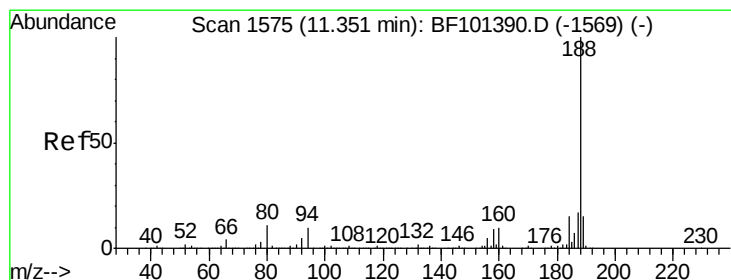
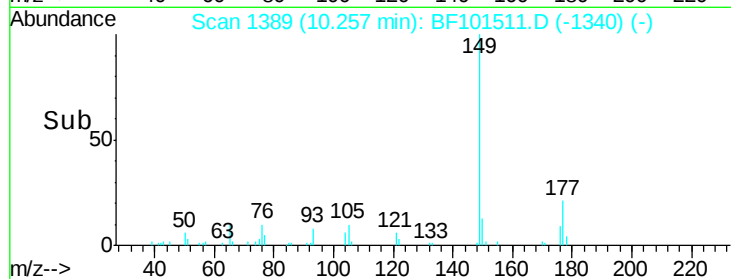
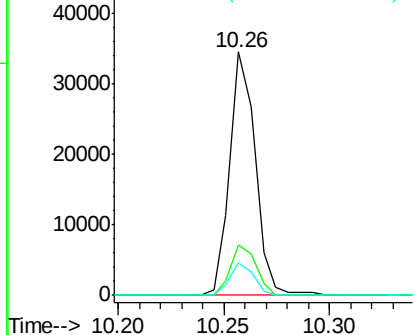
#59
Diethylphthalate
Concen: 2.304 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF101511.D
Acq: 19 Dec 2017 6:31

Instrument :
BNA_F
ClientSampleId :
121317-TIDO-E-D-M

Tgt Ion:149 Resp: 28838
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 13.2 10.1 15.1

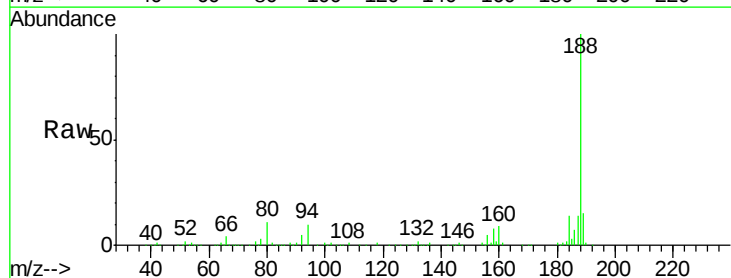


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

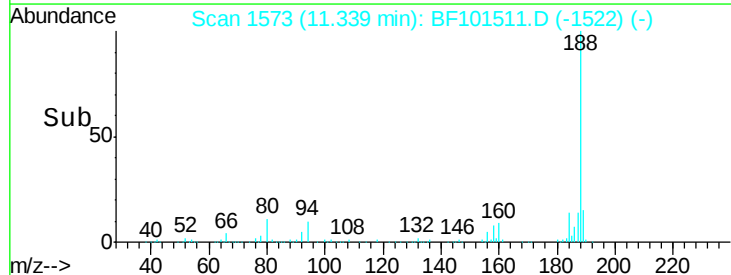
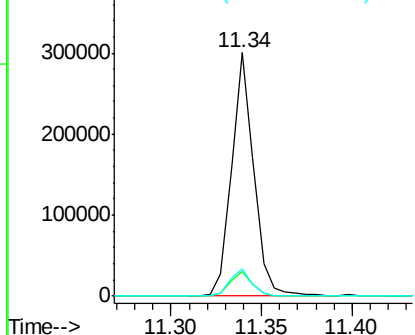


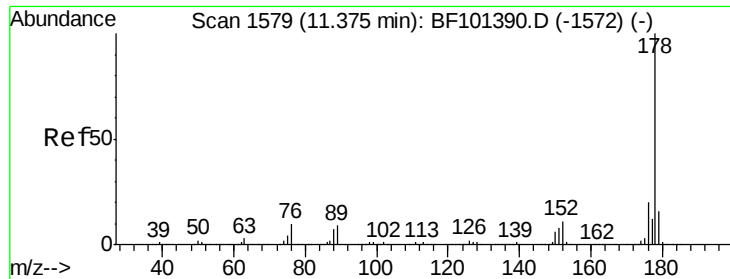
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101511.D
Acq: 19 Dec 2017 6:31

Tgt Ion:188 Resp: 256266
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.4 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





#70

Phenanthrene

Concen: 8.651 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF101511.D

Acq: 19 Dec 2017 6:31

Instrument :

BNA_F

ClientSampleId :

121317-TIDO-E-D-M

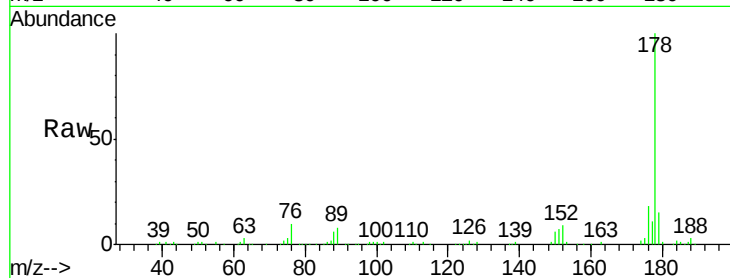
Tgt Ion:178 Resp: 123287

Ion Ratio Lower Upper

178 100

176 18.4 15.8 23.8

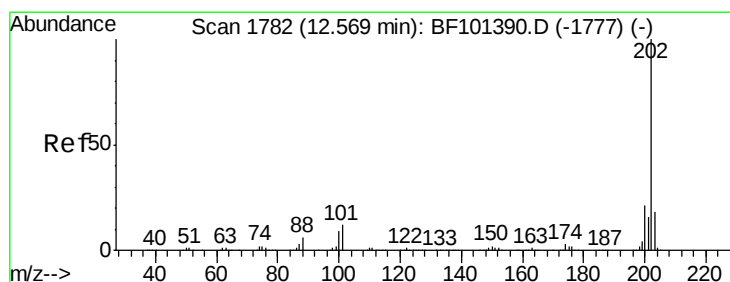
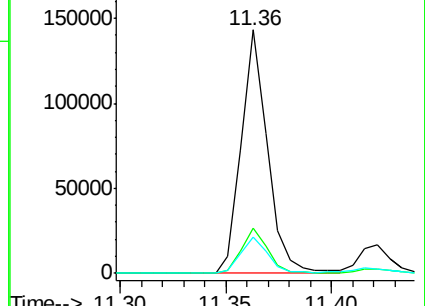
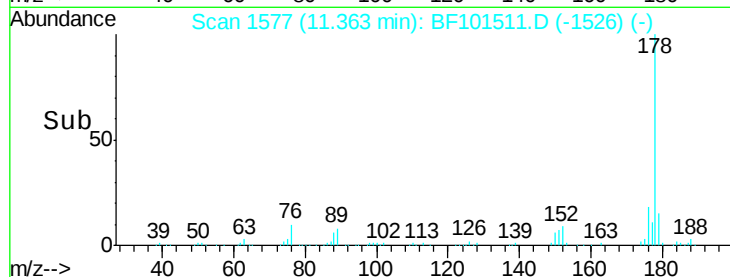
179 15.1 13.0 19.6



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



#74

Fluoranthene

Concen: 3.756 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF101511.D

Acq: 19 Dec 2017 6:31

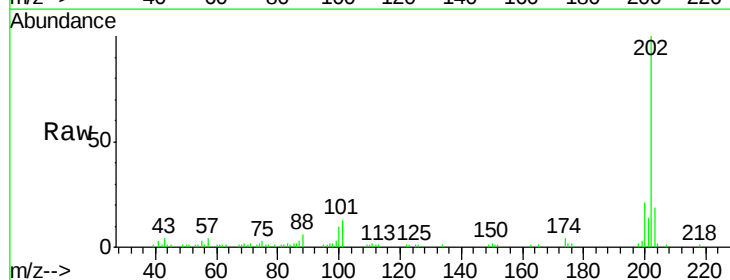
Tgt Ion:202 Resp: 56182

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

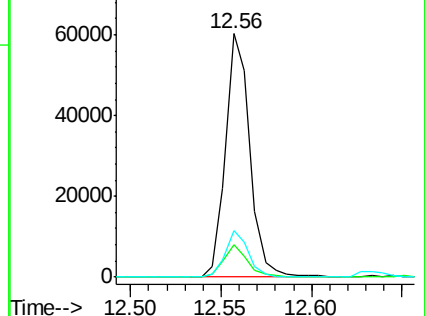
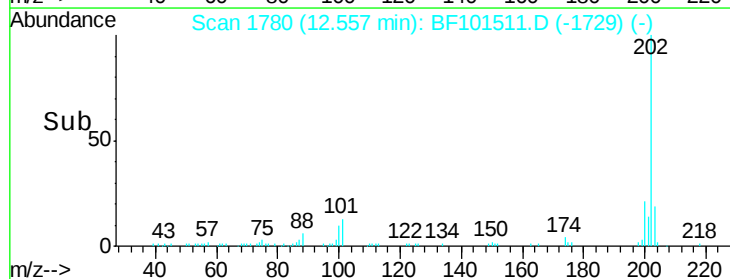
203 19.0 0.0 38.1

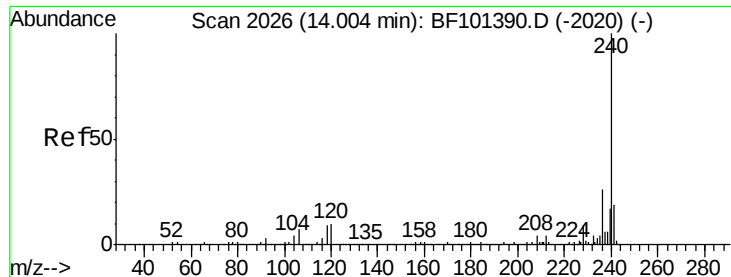


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF101511.D

Acq: 19 Dec 2017 6:31

Instrument :

BNA_F

ClientSampleId :

121317-TIDO-E-D-M

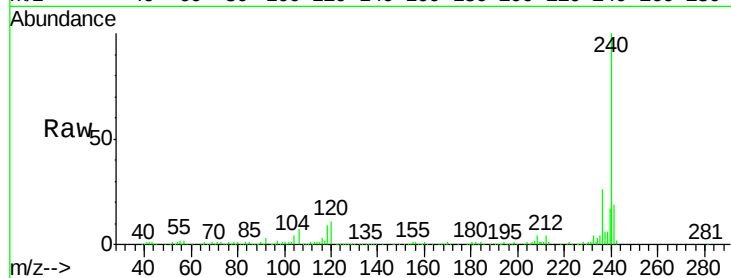
Tgt Ion:240 Resp: 284611

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

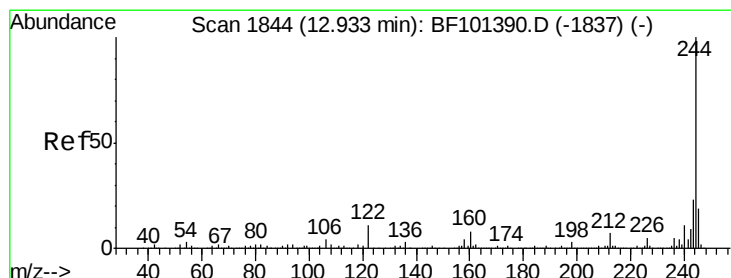
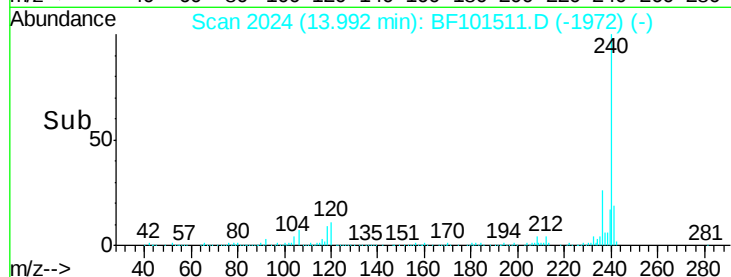
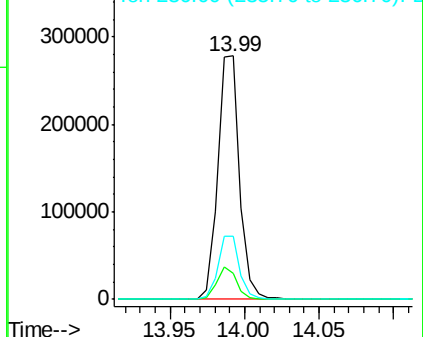
236 25.9 20.7 31.1



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



#78

Terphenyl-d14

Concen: 75.929 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101511.D

Acq: 19 Dec 2017 6:31

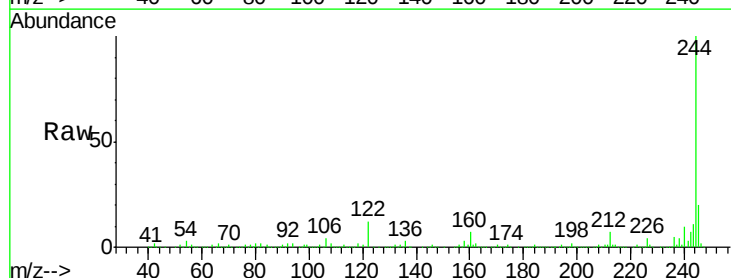
Tgt Ion:244 Resp: 896399

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

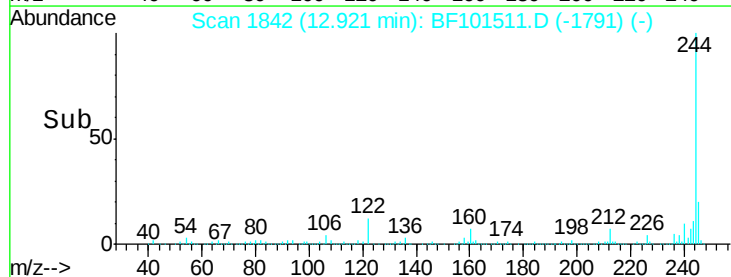
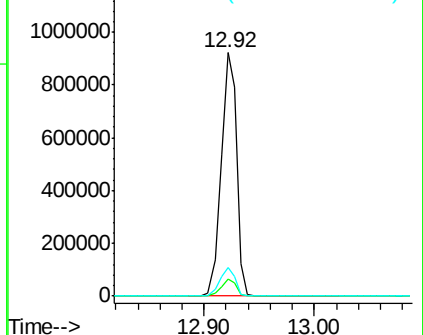
122 11.9 11.0 16.4

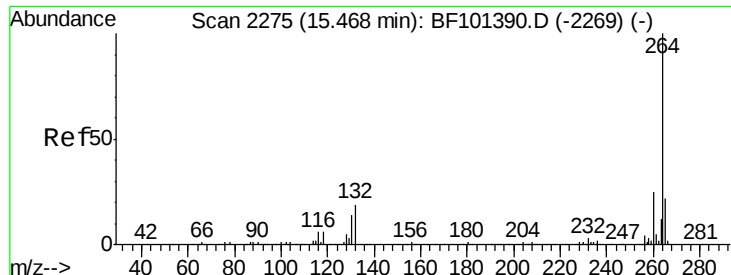


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF101511.D
Acq: 19 Dec 2017 6:31

Instrument :
BNA_F
ClientSampleId :
121317-TIDO-E-D-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	21.8	17.5	26.3

