

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100474.D
 Acq On : 12 Nov 2017 7:29
 Operator : SJ/JU
 Sample : I6402-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110717-TIDO-F-D-B

Quant Time: Nov 13 06:06:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

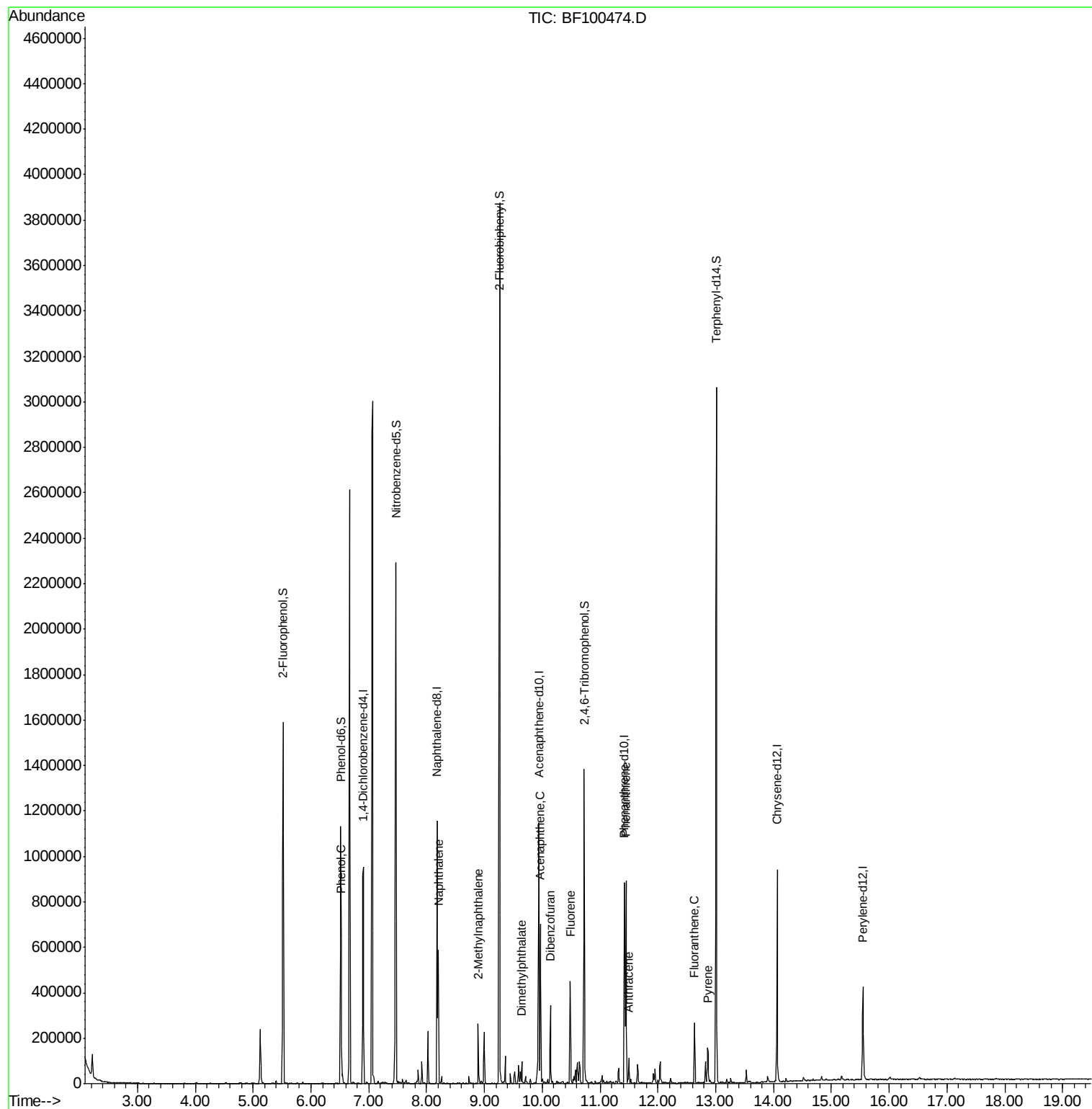
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	143215	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	530914	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	216548	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	340020	20.00	ng	0.00
75) Chrysene-d12	14.06	240	295417	20.00	ng	0.00
86) Perylene-d12	15.54	264	210605	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	412581	46.18	ng	0.00
7) Phenol-d6	6.52	99	319664	29.02	ng	-0.01
23) Nitrobenzene-d5	7.47	82	856978	106.72	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	177280	80.34	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1412639	99.33	ng	0.00
78) Terphenyl-d14	13.01	244	1010019	78.56	ng	0.00
Target Compounds						
10) Phenol	6.53	94	24273	2.099	ng	95
31) Naphthalene	8.20	128	218708	8.553	ng	100
37) 2-Methylnaphthalene	8.89	142	66533	3.919	ng	97
49) Dimethylphthalate	9.65	163	37357	2.259	ng	# 98
51) Acenaphthene	9.97	154	138718	10.129	ng	99
54) Dibenzofuran	10.14	168	126522	6.592	ng	99
57) Fluorene	10.49	166	124476	8.853	ng	98
70) Phenanthrene	11.45	178	331453	18.514	ng	97
71) Anthracene	11.50	178	39306	2.164	ng	99
74) Fluoranthene	12.63	202	105169	5.543	ng	99
77) Pyrene	12.86	202	65061	3.090	ng	98

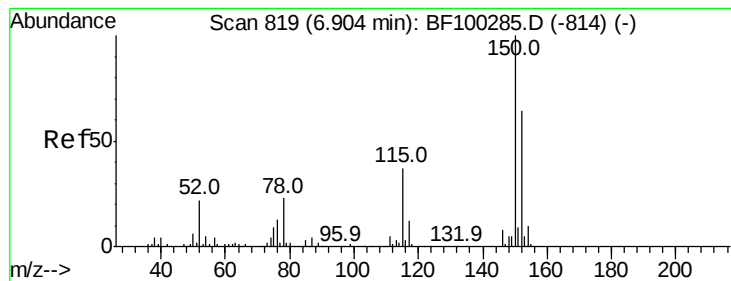
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100474.D
Acq On : 12 Nov 2017 7:29
Operator : SJ/JU
Sample : I6402-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-D-B

Quant Time: Nov 13 06:06:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF100474.D

Acq: 12 Nov 2017 7:29

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-D-B

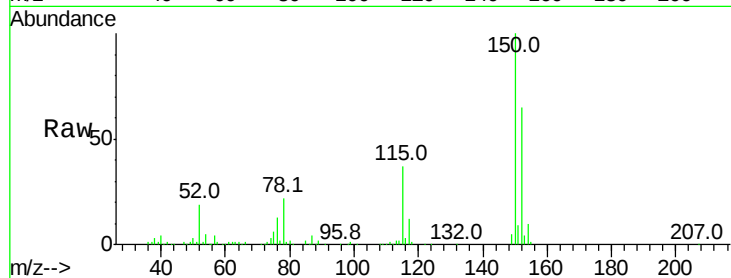
Tot Ion:152 Resp: 143215

Ion Ratio Lower Upper

152 100

150 155.0 124.6 186.8

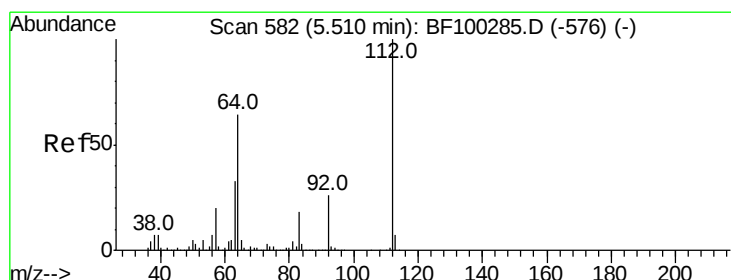
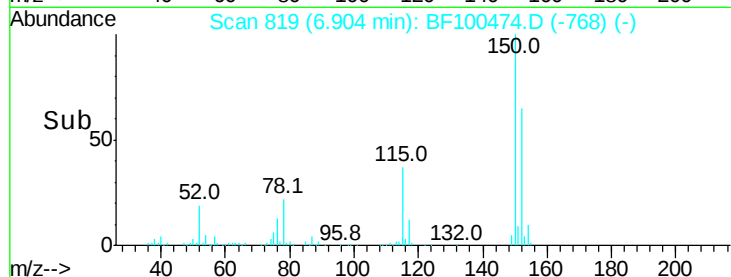
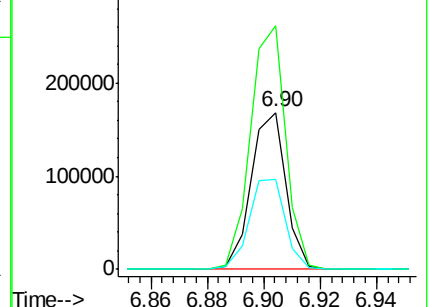
115 57.5 50.1 75.1



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: 46.180 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF100474.D

Acq: 12 Nov 2017 7:29

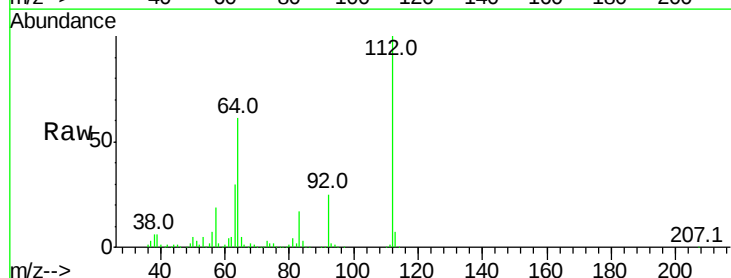
Tgt Ion:112 Resp: 412581

Ion Ratio Lower Upper

112 100

64 60.6 47.9 71.9

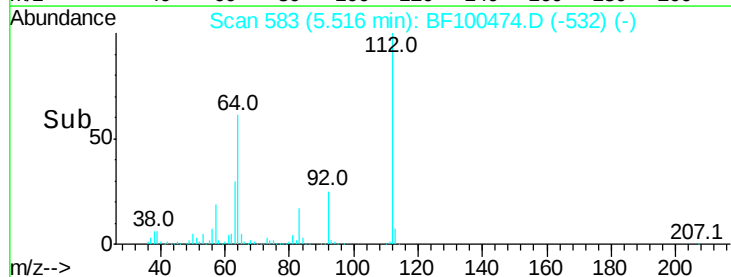
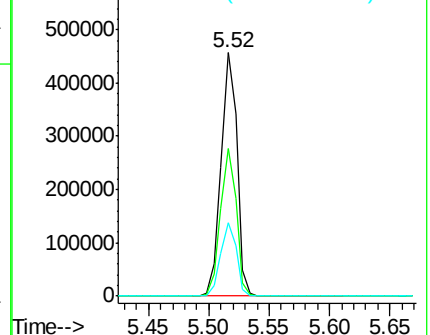
63 30.2 23.7 35.5



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: 29.015 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100474.D

Acq: 12 Nov 2017 7:29

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-D-B

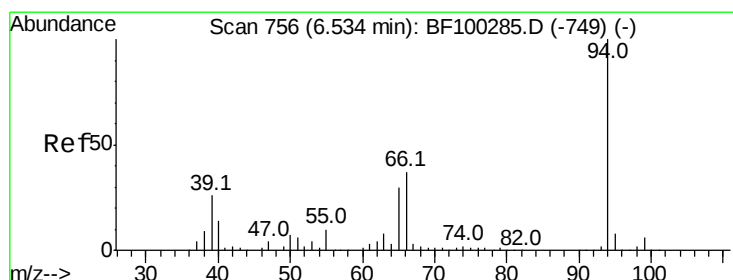
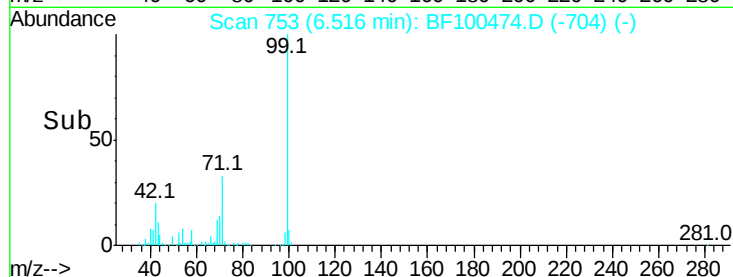
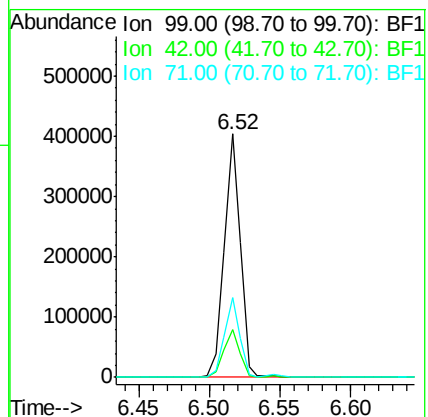
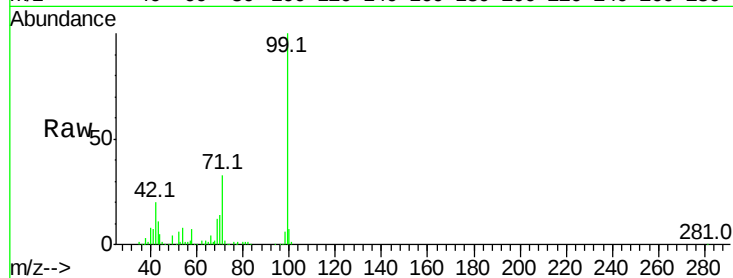
Tot Ion: 99 Resp: 319664

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 32.8 25.4 38.0



#10

Phenol

Concen: 2.099 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100474.D

Acq: 12 Nov 2017 7:29

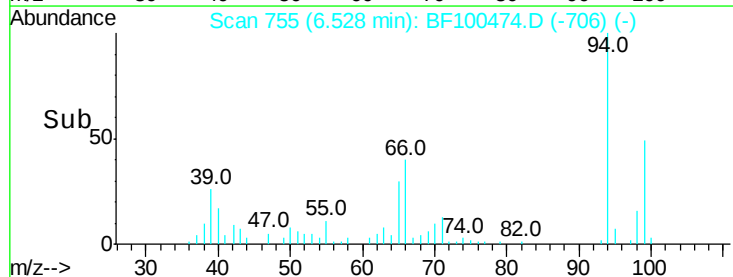
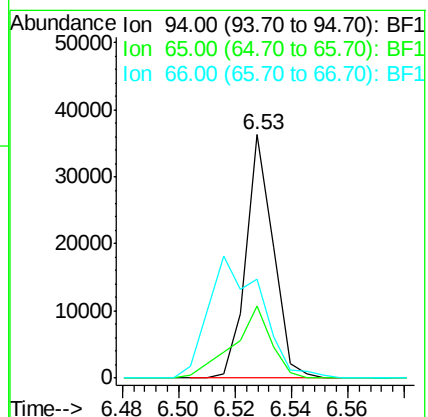
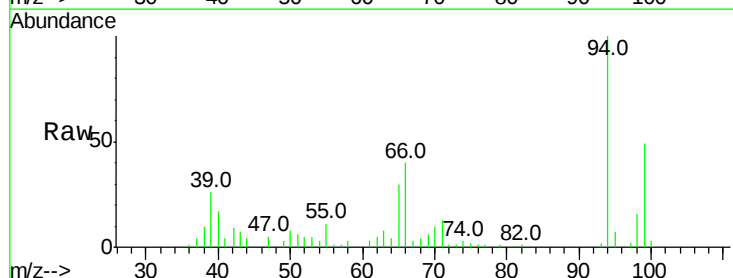
Tgt Ion: 94 Resp: 24273

Ion Ratio Lower Upper

94 100

65 29.5 7.9 47.9

66 40.4 16.2 56.2

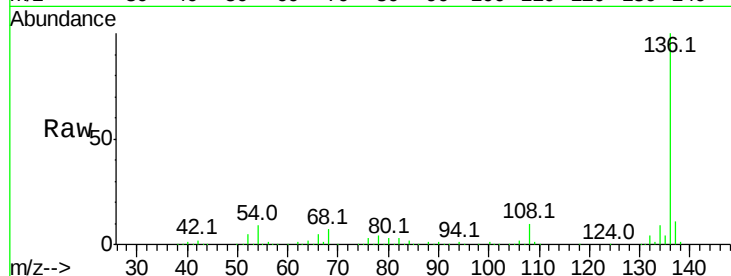




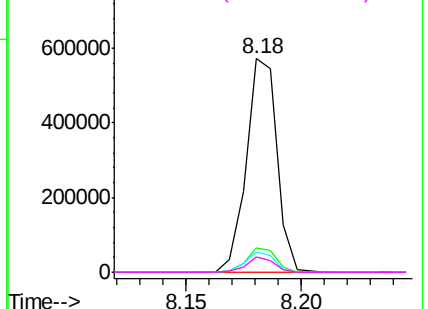
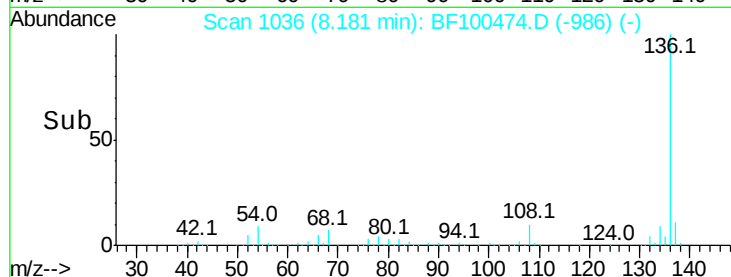
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-D-B

Tot Ion:	136	Resp:	530914
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.4	6.6	9.8
68	7.1	5.0	7.4

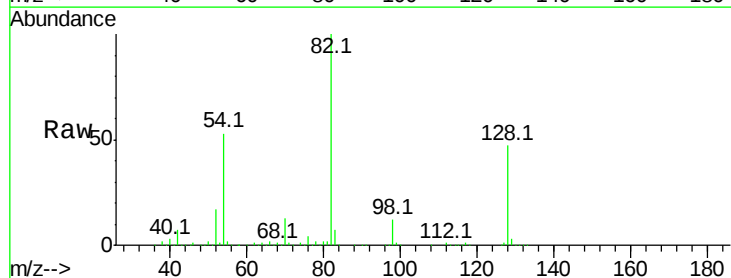


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

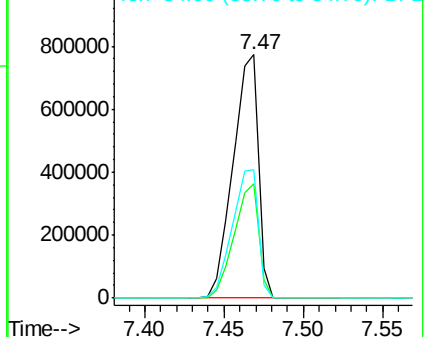
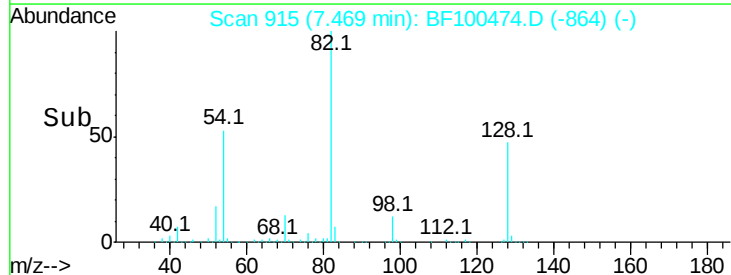


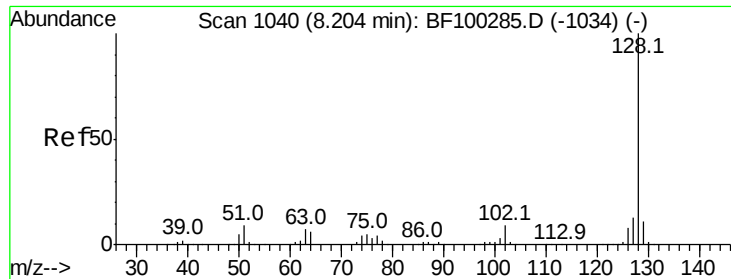
#23
Nitrobenzene-d5
Concen: 106.717 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Tgt Ion:	82	Resp:	856978
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	52.7	41.4	62.2



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

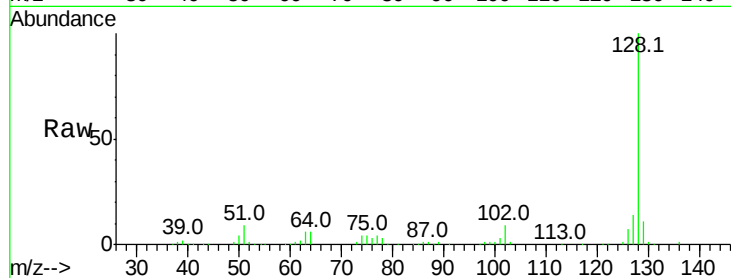




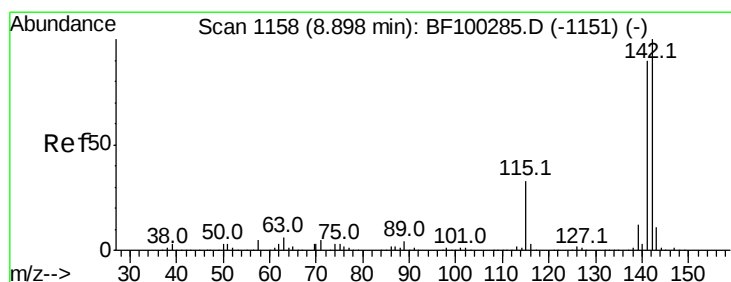
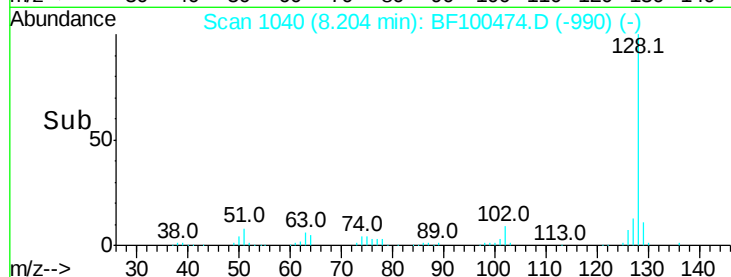
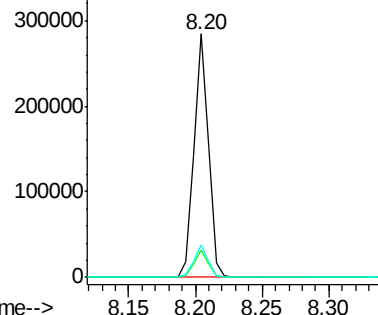
#31
Naphthalene
Concen: 8.553 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-D-B

Tot Ion:128 Resp: 218708
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.9 16.3

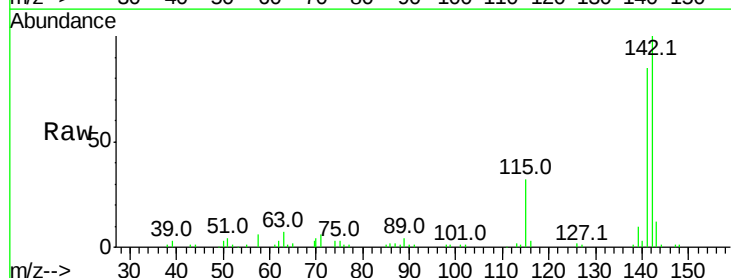


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

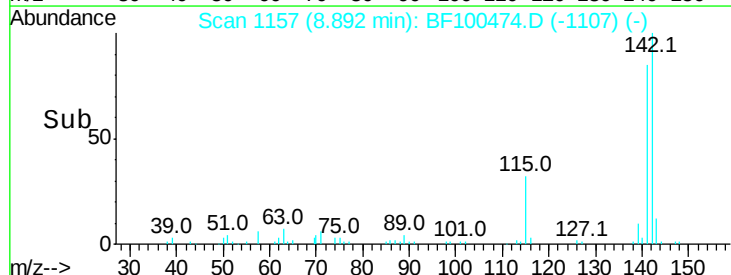
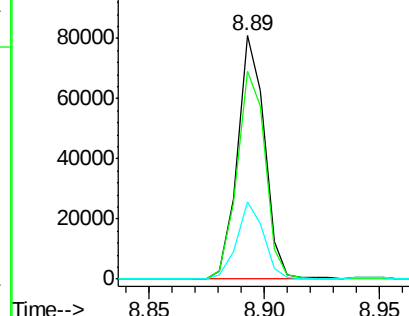


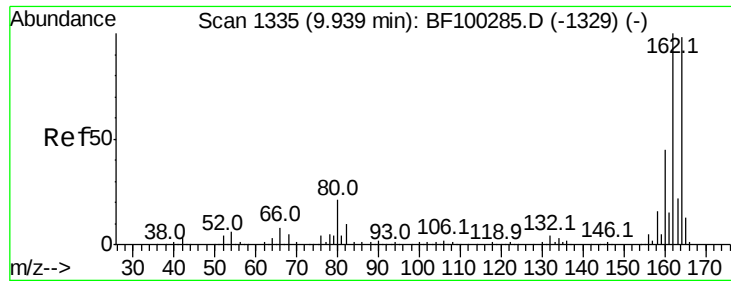
#37
2-Methylnaphthalene
Concen: 3.919 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Tgt Ion:142 Resp: 66533
Ion Ratio Lower Upper
142 100
141 85.4 70.8 106.2
115 31.7 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

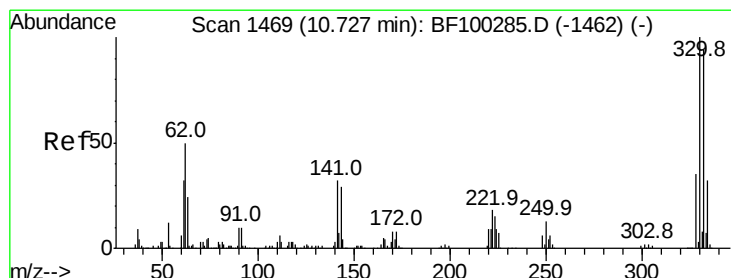
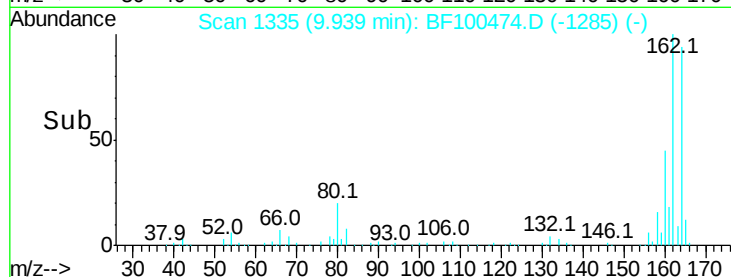
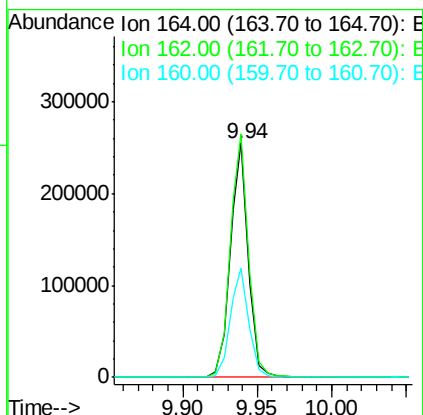
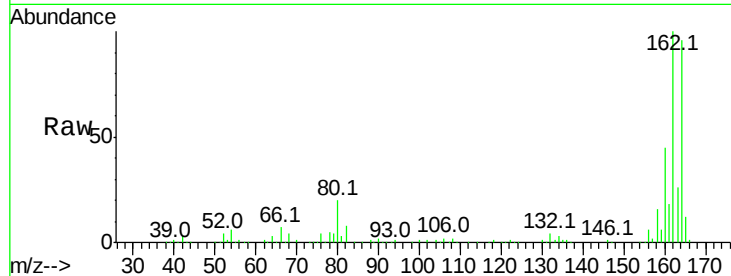




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100474.D
 Acq: 12 Nov 2017 7:29

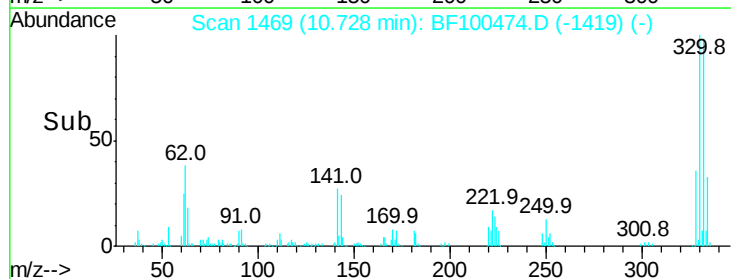
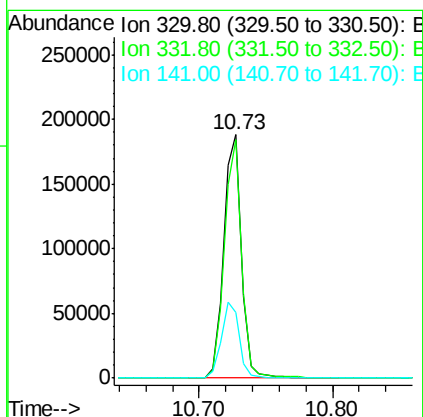
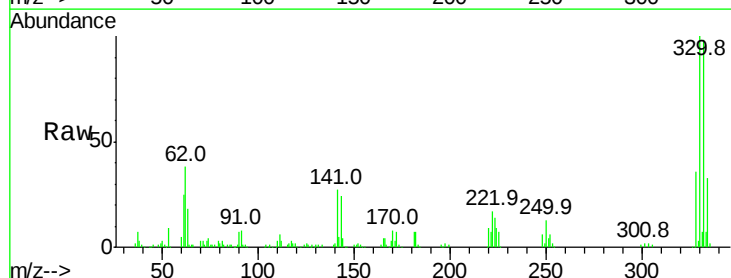
Instrument :
 BNA_F
 ClientSampleId :
 110717-TIDO-F-D-B

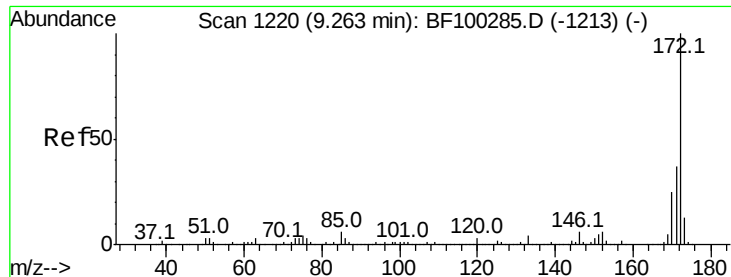
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	46.5	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 80.340 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100474.D
 Acq: 12 Nov 2017 7:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	31.5	29.9	44.9

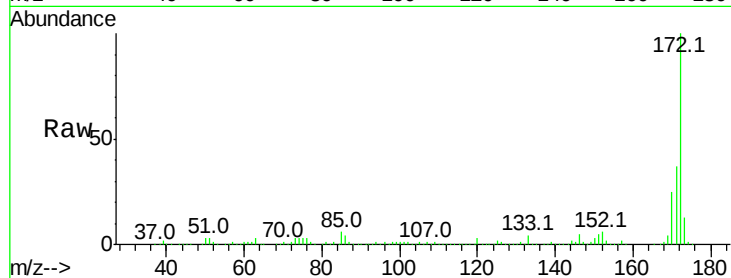




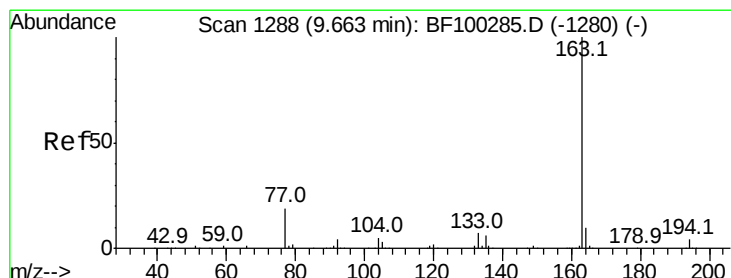
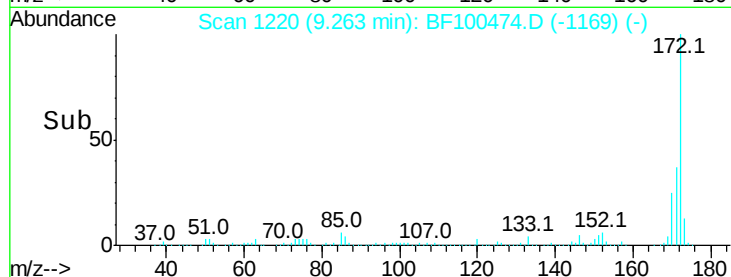
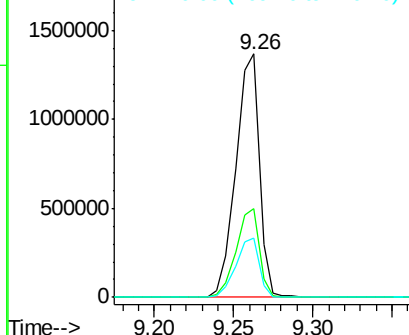
#44
2-Fluorobiphenyl
Concen: 99.333 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-D-B

Tot Ion:172 Resp: 1412639
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.6 19.6 29.4

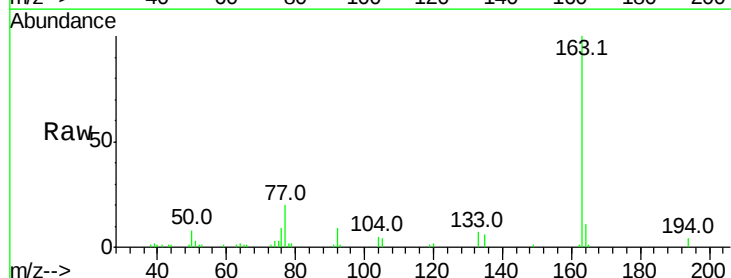


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

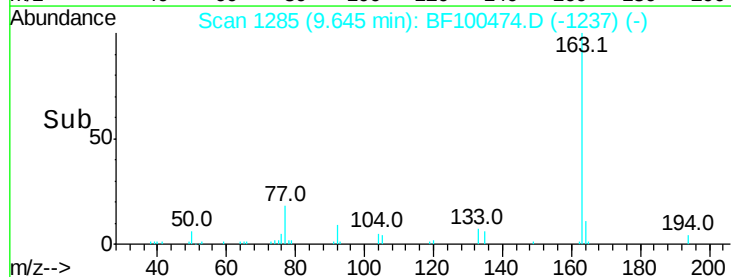
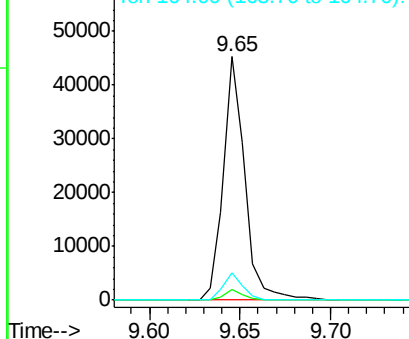


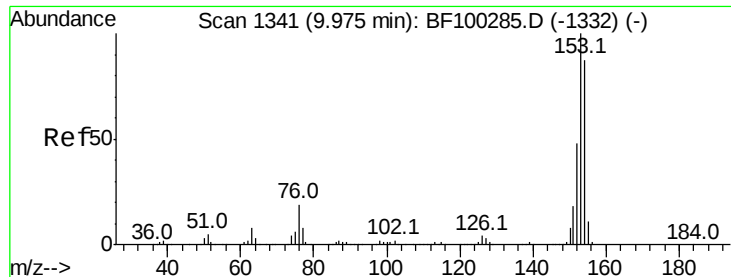
#49
Dimethylphthalate
Concen: 2.259 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Tgt Ion:163 Resp: 37357
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 11.1 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: 10.129 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF100474.D

Acq: 12 Nov 2017 7:29

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-D-B

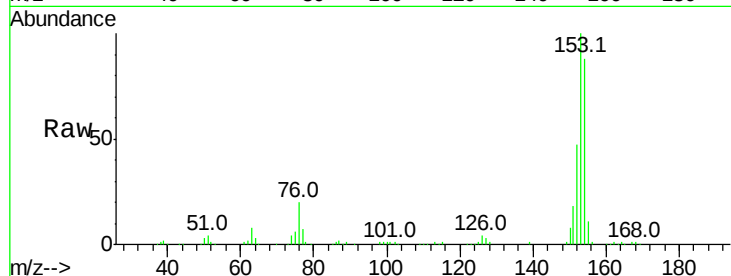
Tot Ion:154 Resp: 138718

Ion Ratio Lower Upper

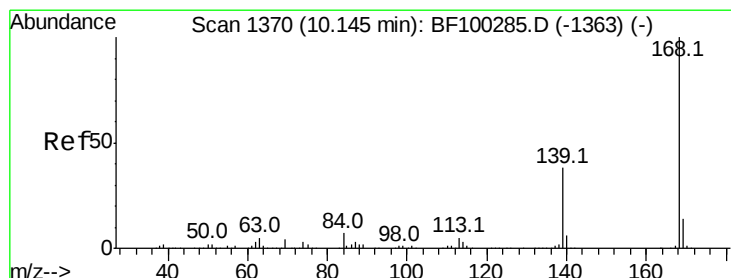
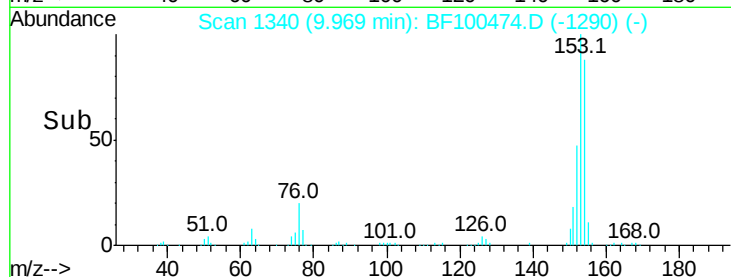
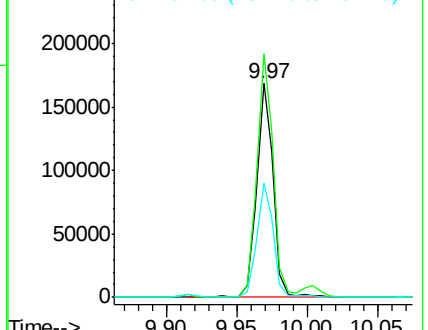
154 100

153 113.8 91.2 136.8

152 53.4 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

Dibenzofuran

Concen: 6.592 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BF100474.D

Acq: 12 Nov 2017 7:29

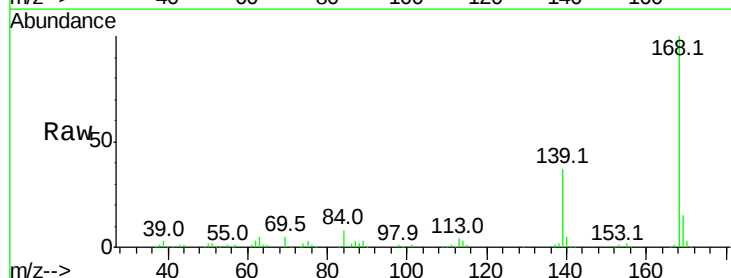
Tgt Ion:168 Resp: 126522

Ion Ratio Lower Upper

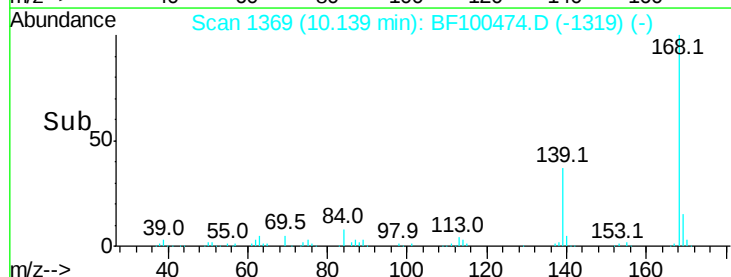
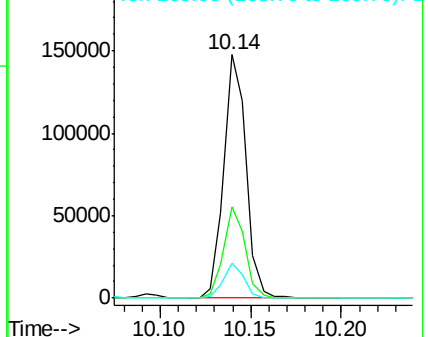
168 100

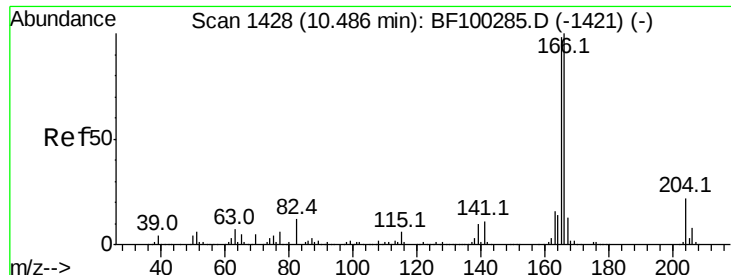
139 37.4 30.1 45.1

169 14.5 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

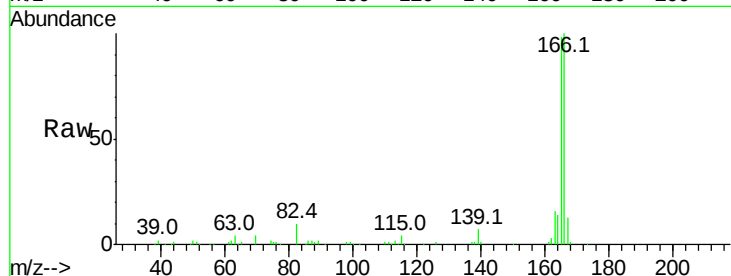




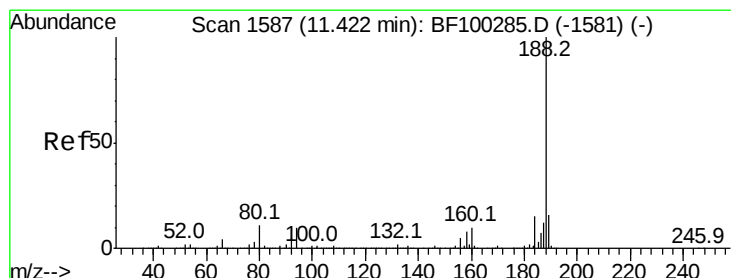
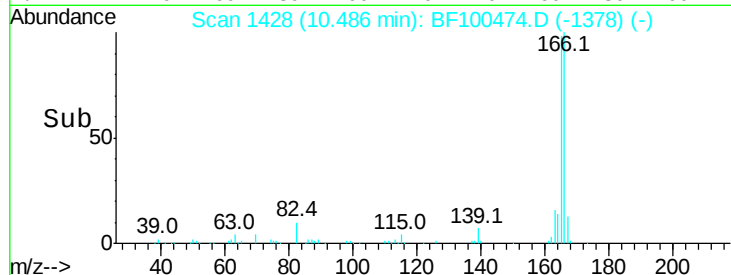
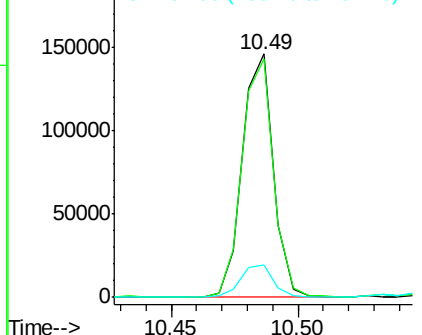
#57
Fluorene
 Concen: 8.853 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF100474.D
 Acq: 12 Nov 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 110717-TIDO-F-D-B

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.8	119.8
167	13.4	10.6	16.0

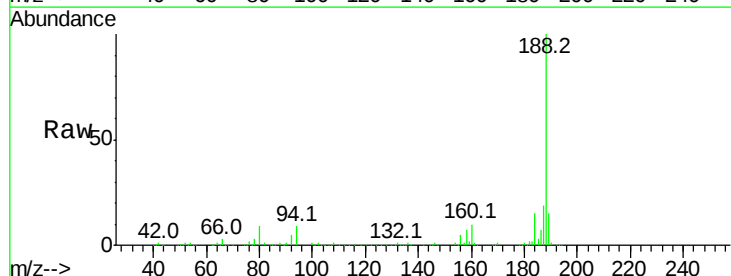


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

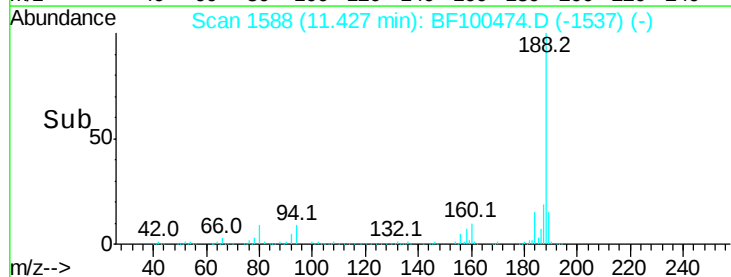
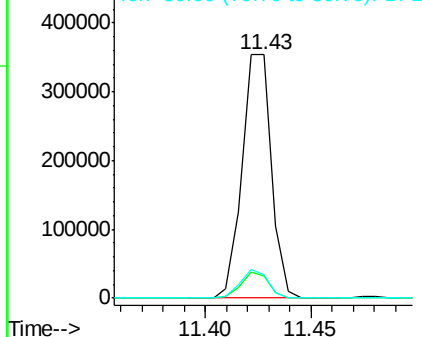


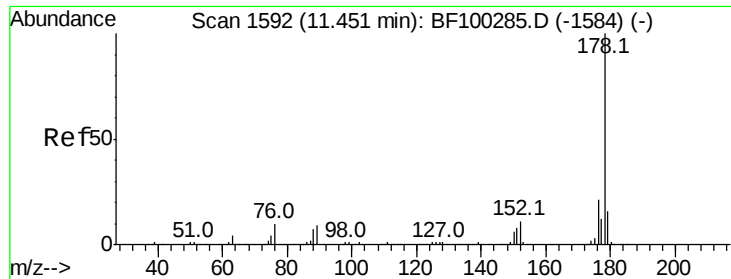
#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF100474.D
 Acq: 12 Nov 2017 7:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.4	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: 18.514 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF100474.D

Acq: 12 Nov 2017 7:29

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-D-B

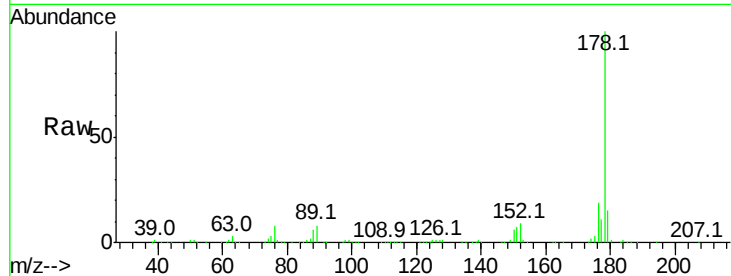
Tot Ion:178 Resp: 331453

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

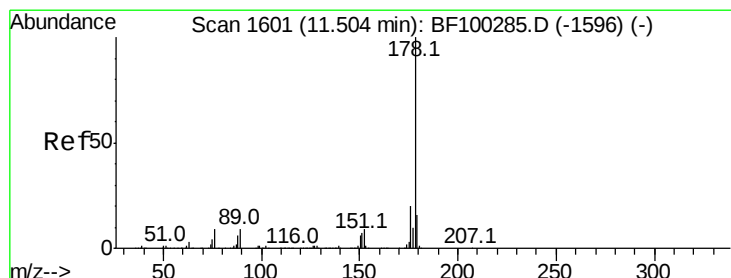
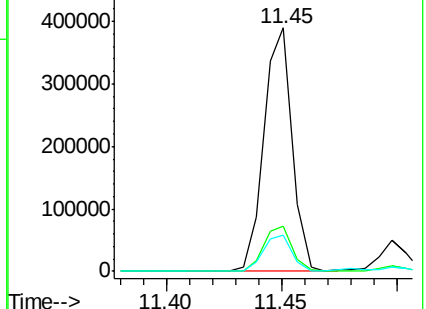
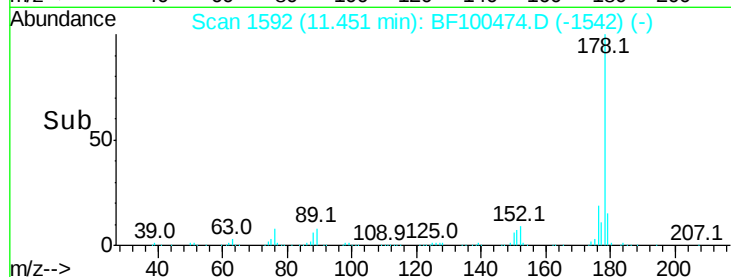
179 15.2 13.0 19.6



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



#71

Anthracene

Concen: 2.164 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BF100474.D

Acq: 12 Nov 2017 7:29

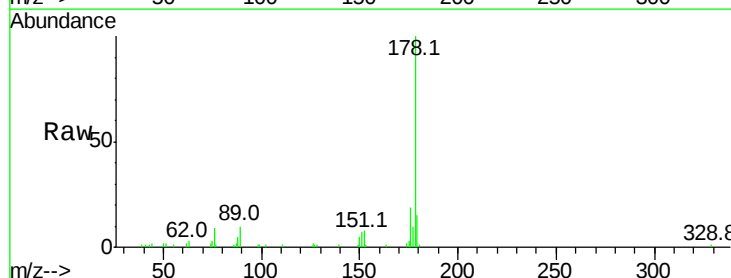
Tgt Ion:178 Resp: 39306

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

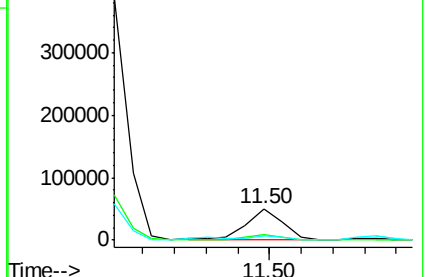
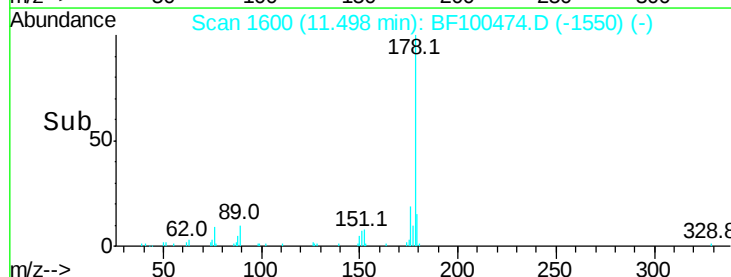
179 15.0 12.6 19.0

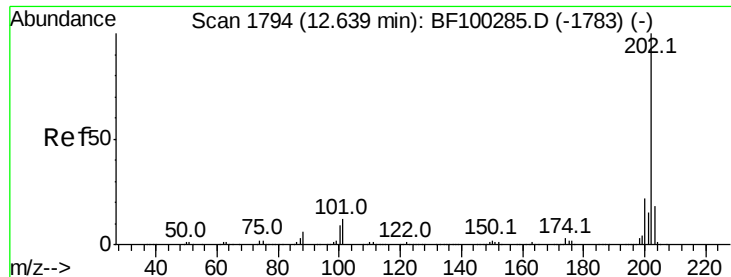


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 5.543 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF100474.D

Acq: 12 Nov 2017 7:29

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-D-B

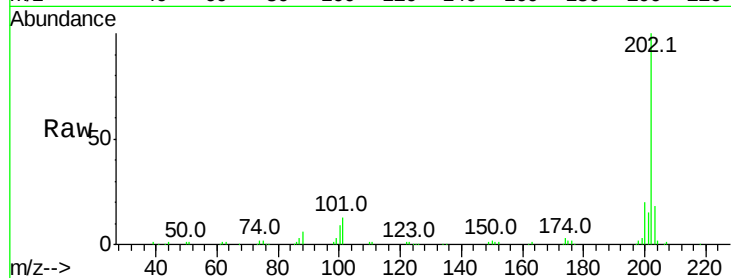
Tot Ion:202 Resp: 105169

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

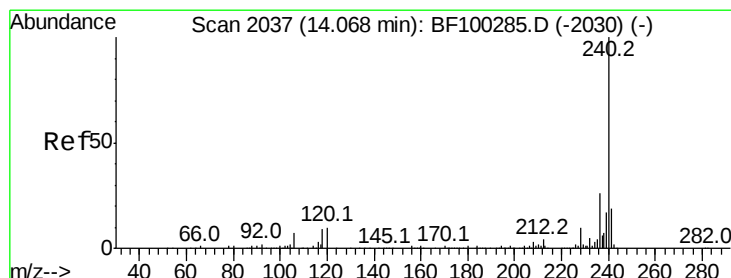
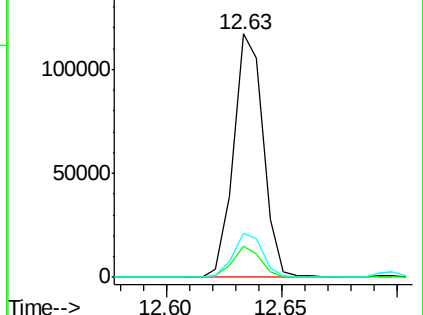
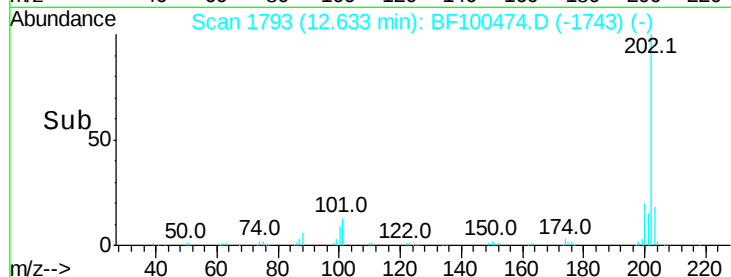
203 17.9 0.0 38.1



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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100474.D

Acq: 12 Nov 2017 7:29

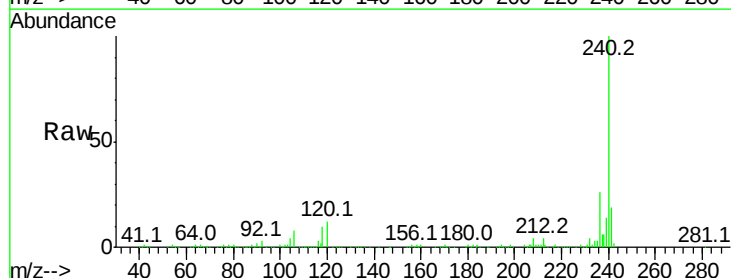
Tgt Ion:240 Resp: 295417

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

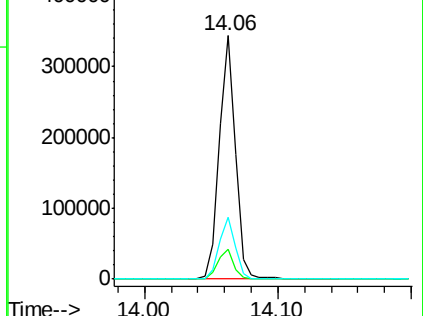
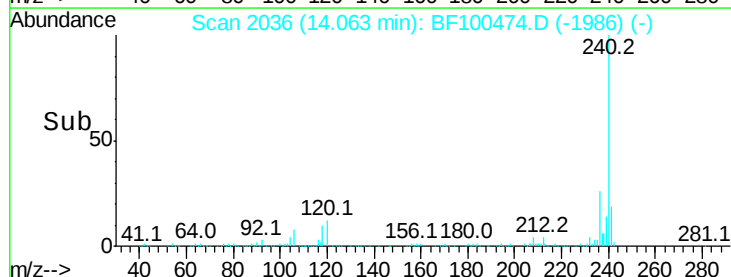
236 25.6 20.7 31.1

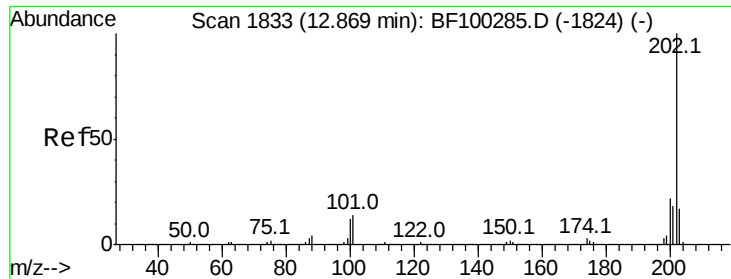


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

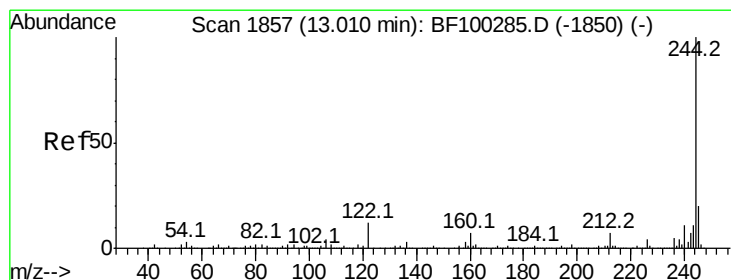
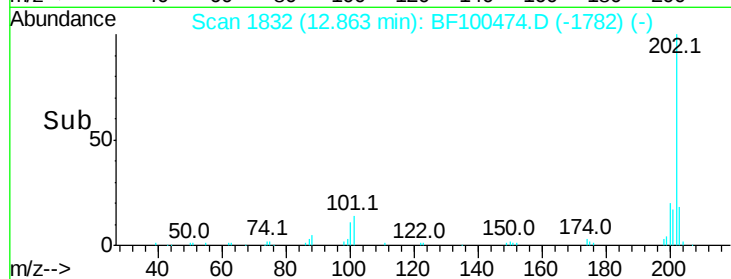
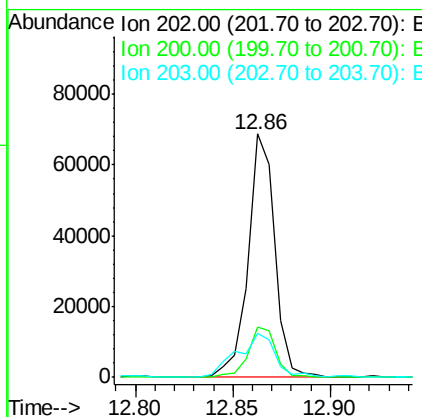
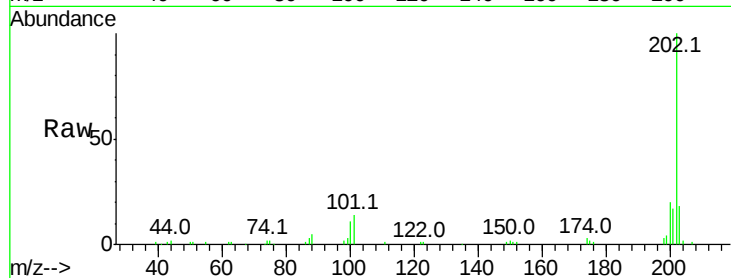




#77
Pvrene
Concen: 3.090 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

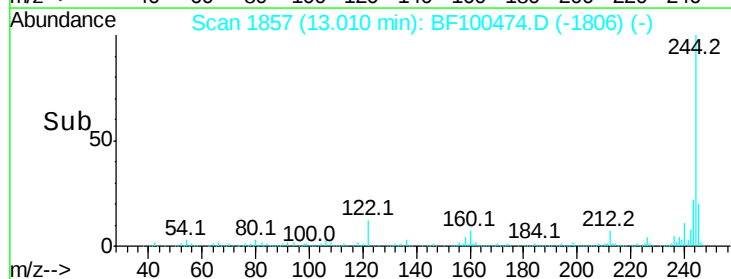
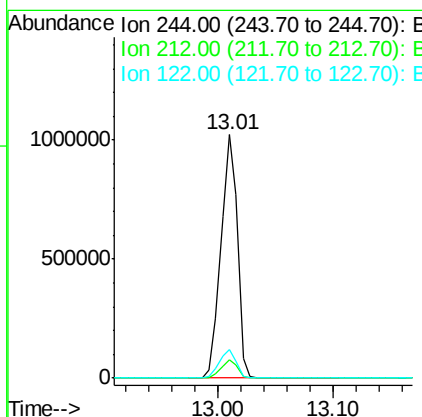
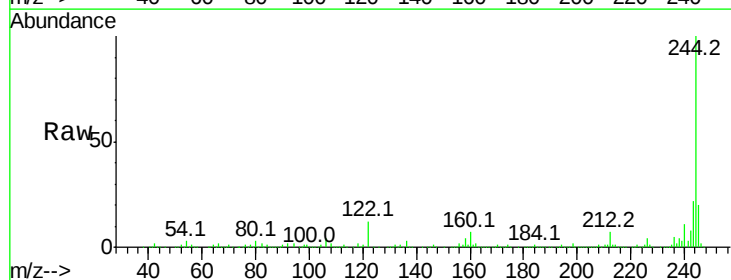
Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-D-B

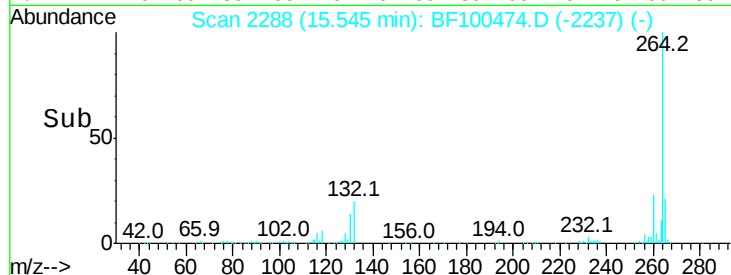
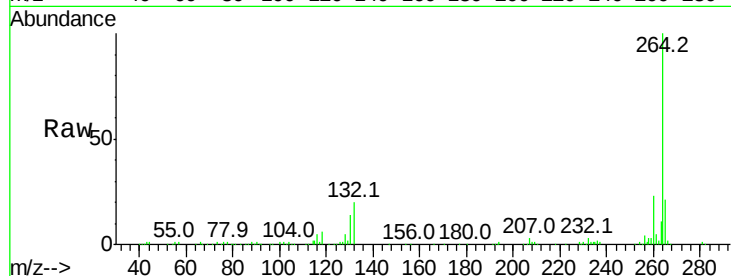
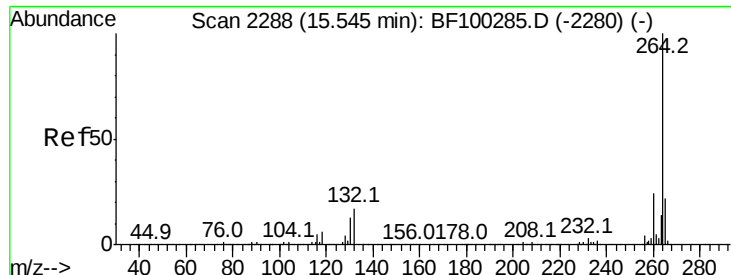
Tot Ion:202 Resp: 65061
Ion Ratio Lower Upper
202 100
200 20.5 17.4 26.2
203 18.0 14.3 21.5



#78
Terphenyl-d14
Concen: 78.558 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Tgt Ion:244 Resp: 1010019
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 11.7 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-D-B

Tot Ion:	264	Resp:	210605
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	21.1	17.5	26.3

