

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100453.D
 Acq On : 11 Nov 2017 20:51
 Operator : SJ/JU
 Sample : I6399-27
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Quant Time: Nov 13 04:36:32 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

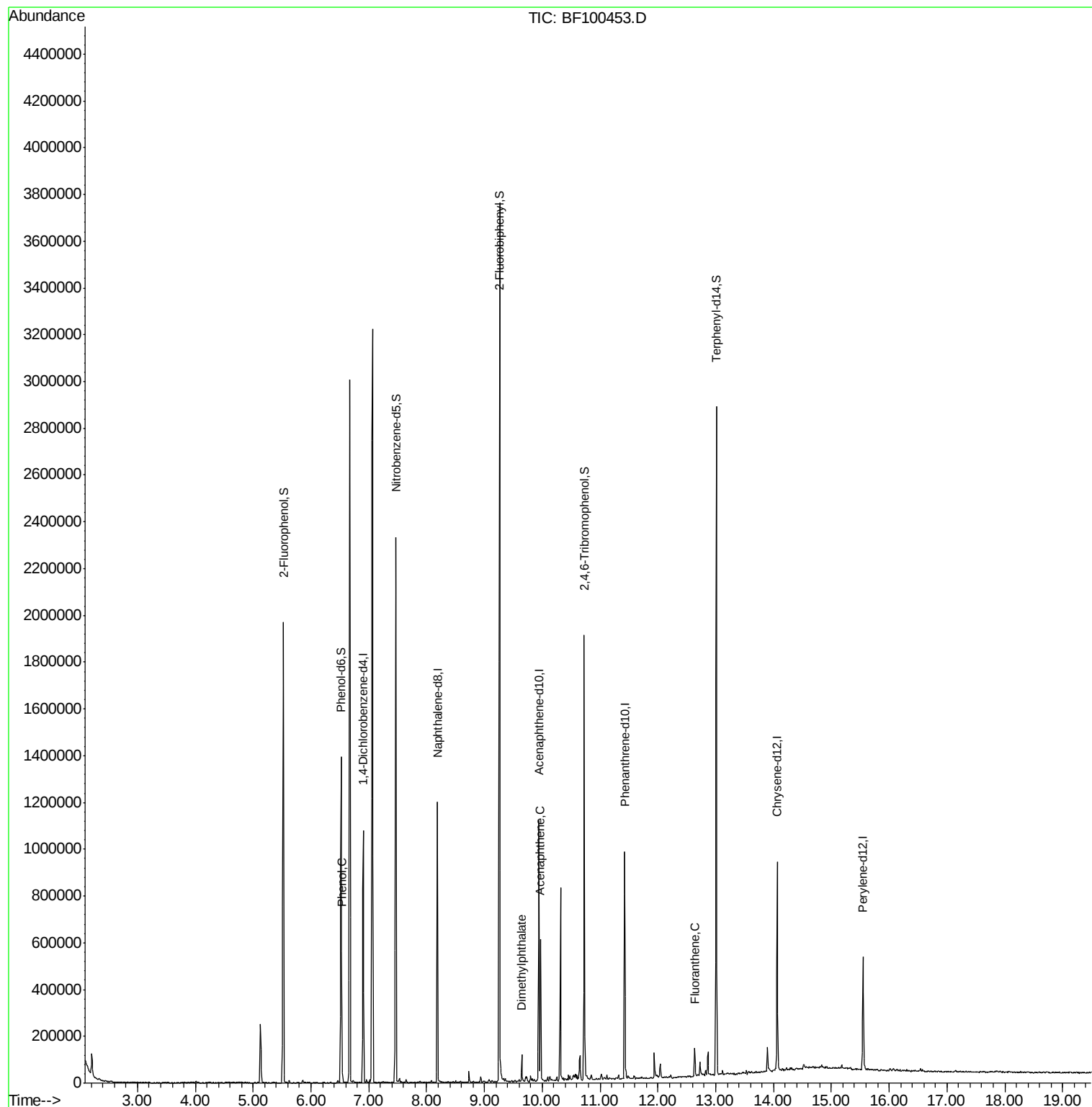
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	149042	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	536792	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	209323	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	333785	20.00	ng	0.00
75) Chrysene-d12	14.06	240	318000	20.00	ng	0.00
86) Perylene-d12	15.55	264	224577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	535229	57.57	ng	0.00
7) Phenol-d6	6.52	99	401748	35.04	ng	0.00
23) Nitrobenzene-d5	7.47	82	812153	100.03	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	234307	109.85	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1336700	97.24	ng	0.00
78) Terphenyl-d14	13.01	244	1007368	72.79	ng	0.00
Target Compounds						
10) Phenol	6.53	94	36703	3.049	ng	94
49) Dimethylphthalate	9.65	163	46026	2.880	ng	99
51) Acenaphthene	9.97	154	135264	10.218	ng	99
74) Fluoranthene	12.64	202	46030	2.471	ng	96

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

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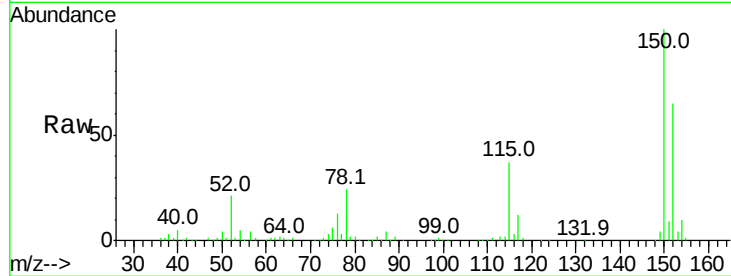


#1

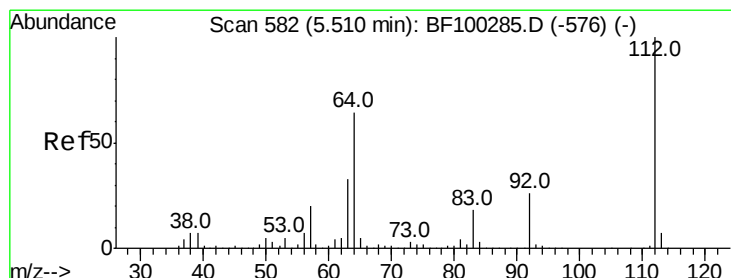
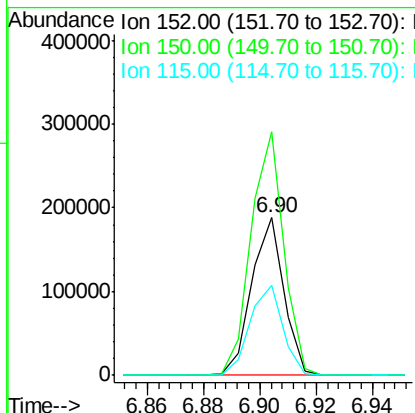
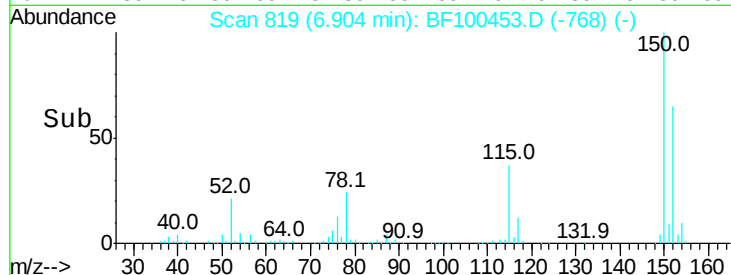
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF100453.D
 Acq: 11 Nov 2017 20:51

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Tot Ion:152 Resp: 149042
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.6 186.8
 115 57.3 50.1 75.1



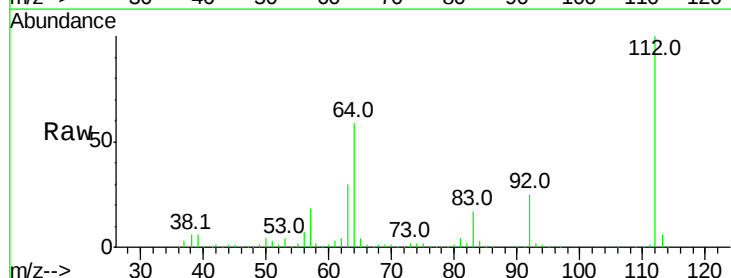
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



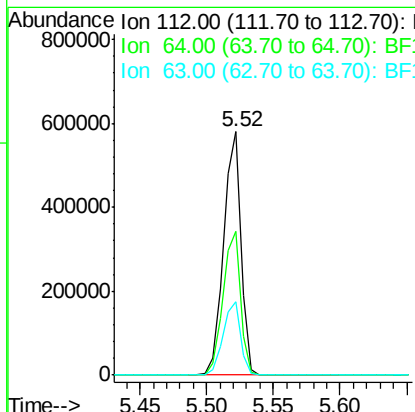
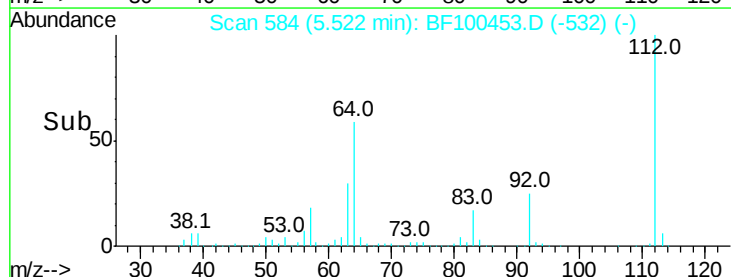
#5

2-Fluorophenol
 Concen: 57.565 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF100453.D
 Acq: 11 Nov 2017 20:51

Tgt Ion:112 Resp: 535229
 Ion Ratio Lower Upper
 112 100
 64 58.9 47.9 71.9
 63 30.0 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: 35.040 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100453.D

Acq: 11 Nov 2017 20:51

Instrument :

BNA_F

ClientSampleId :

TP-14

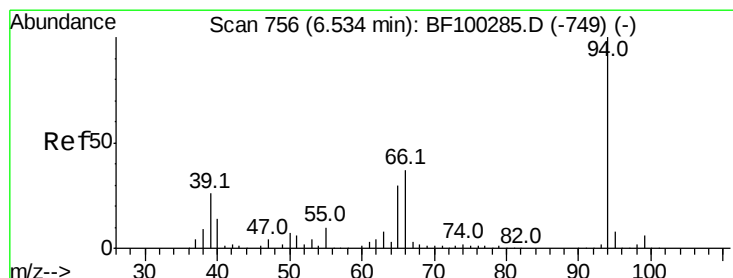
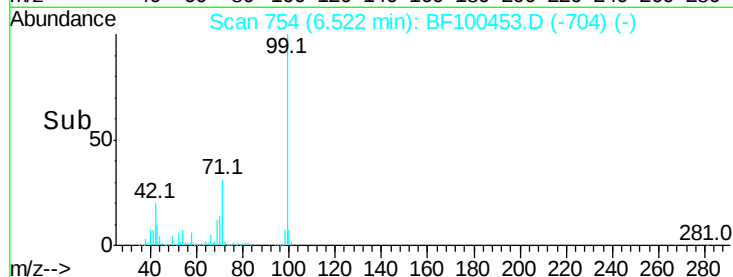
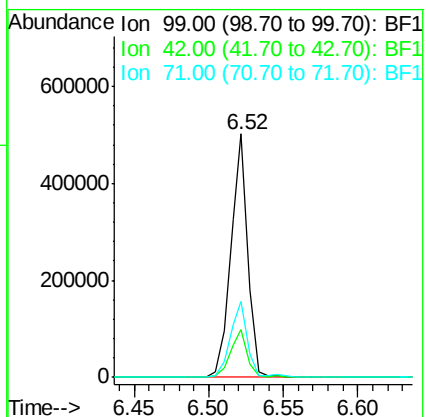
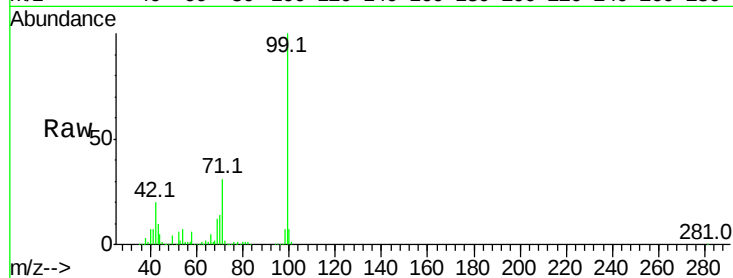
Tot Ion: 99 Resp: 401748

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 31.3 25.4 38.0



#10

Phenol

Concen: 3.049 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF100453.D

Acq: 11 Nov 2017 20:51

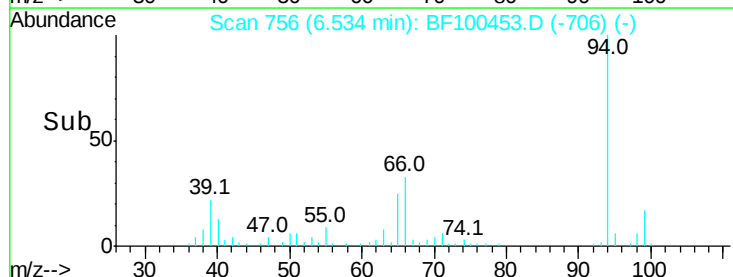
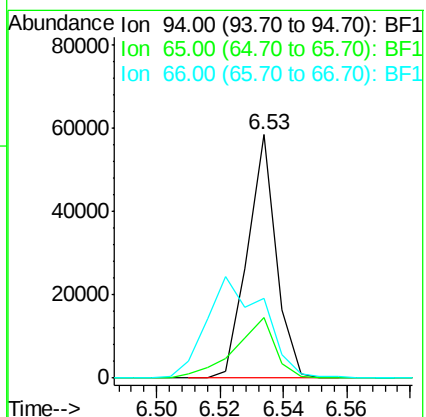
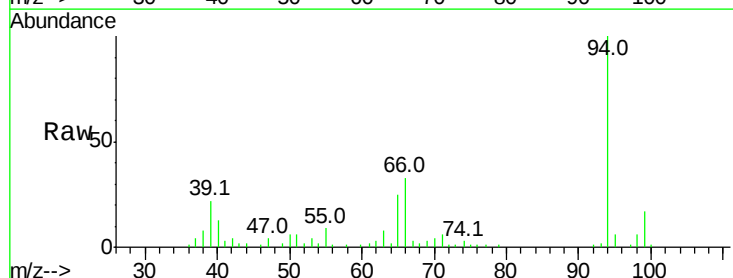
Tgt Ion: 94 Resp: 36703

Ion Ratio Lower Upper

94 100

65 24.7 7.9 47.9

66 33.0 16.2 56.2

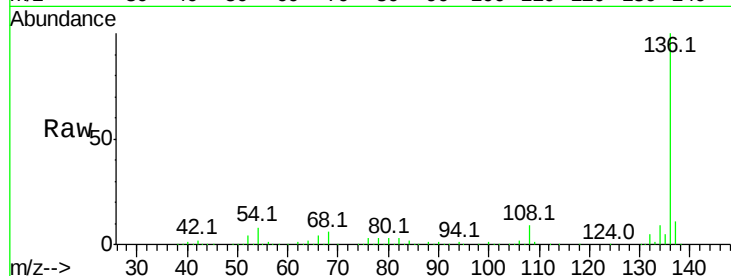




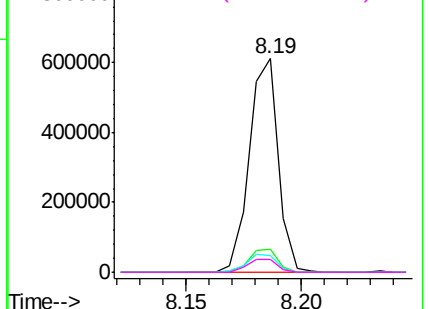
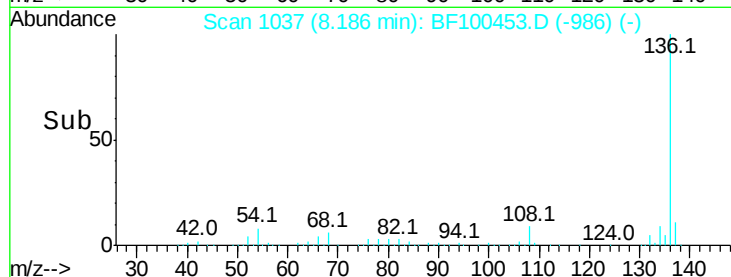
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TP-14

Tot Ion:136	Resp: 536792
Ion Ratio	Lower Upper
136 100	
137 10.6	8.9 13.3
54 8.0	6.6 9.8
68 5.9	5.0 7.4

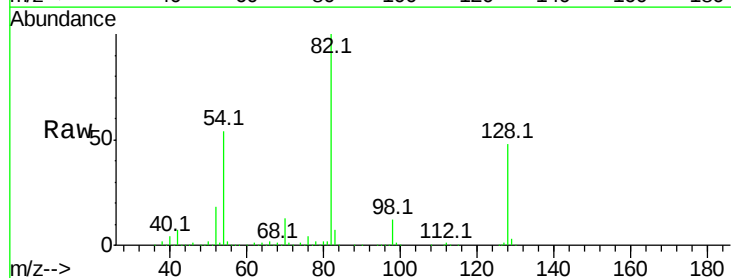


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

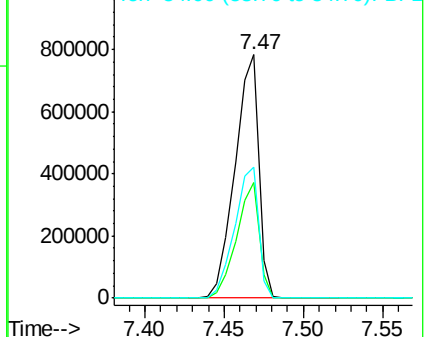
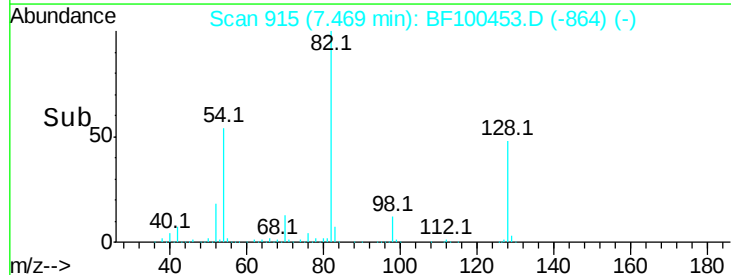


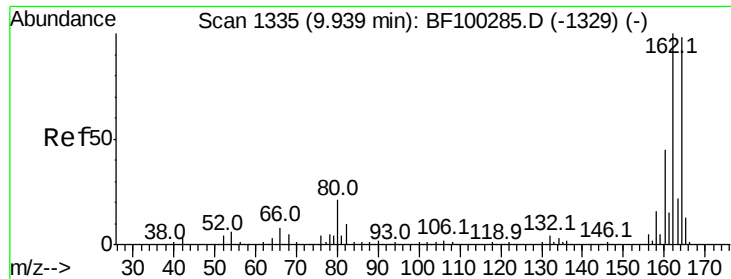
#23
Nitrobenzene-d5
Concen: 100.028 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Tgt	Ion: 82	Resp:	812153
Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	53.9	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

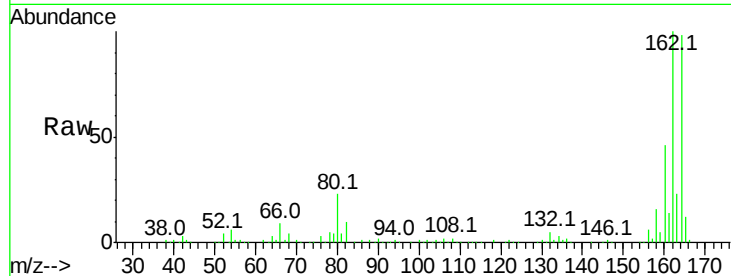




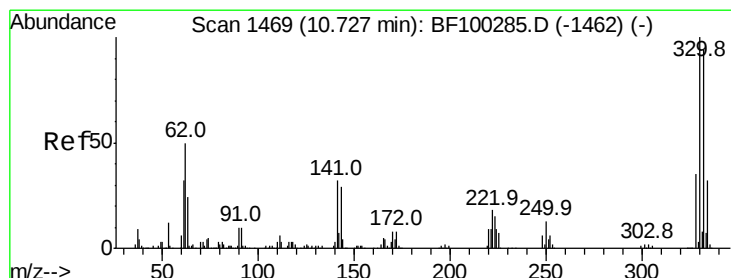
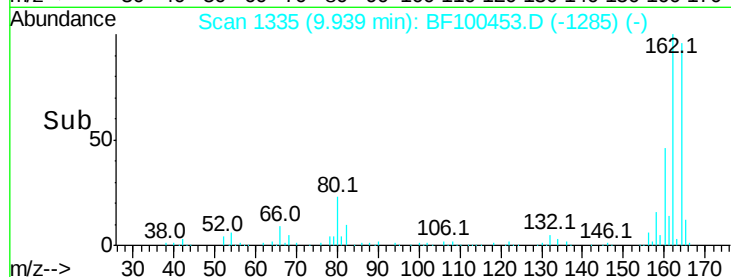
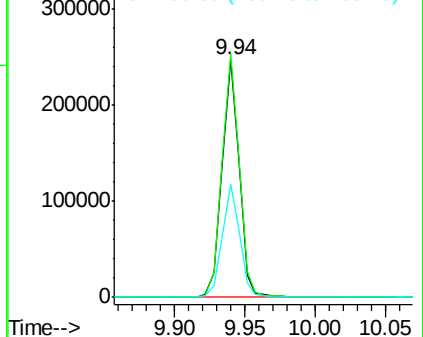
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100453.D
 Acq: 11 Nov 2017 20:51

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	47.5	38.3	57.5

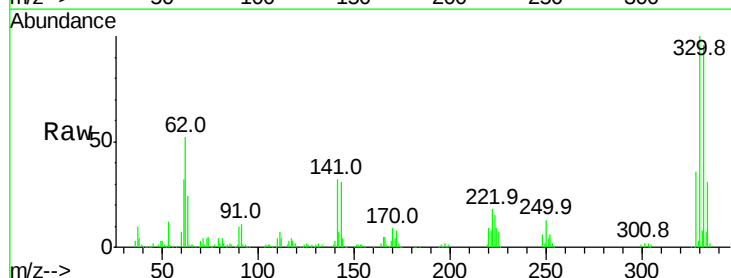


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

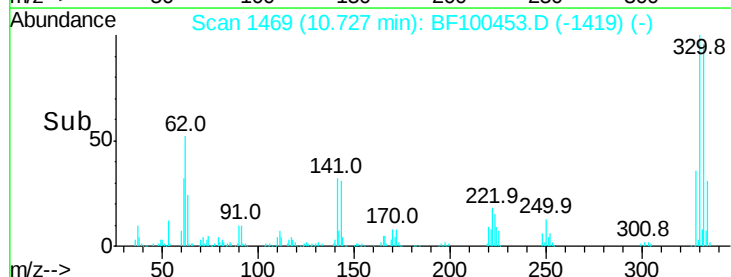
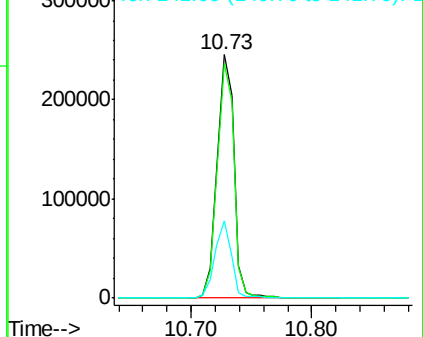


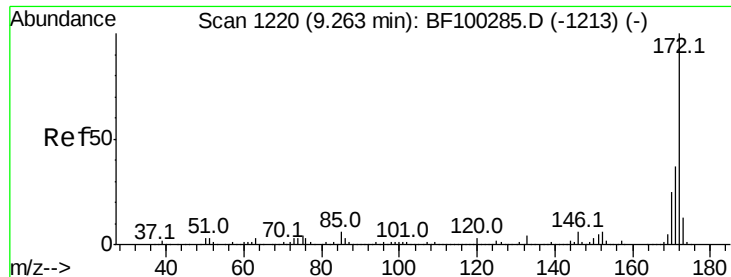
#41
 2,4,6-Tribromophenol
 Concen: 109.848 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100453.D
 Acq: 11 Nov 2017 20:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	31.3	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

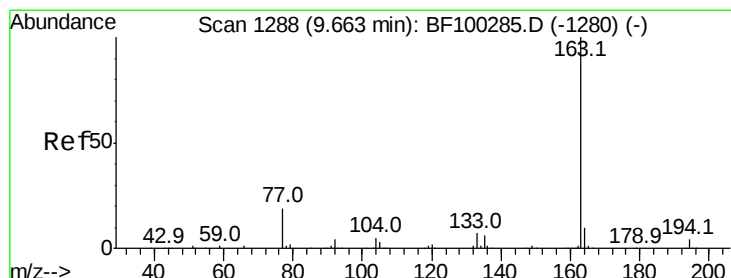
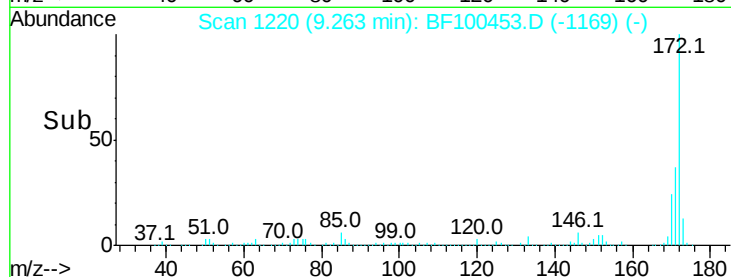
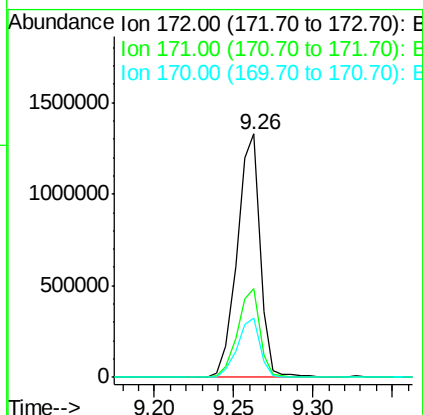
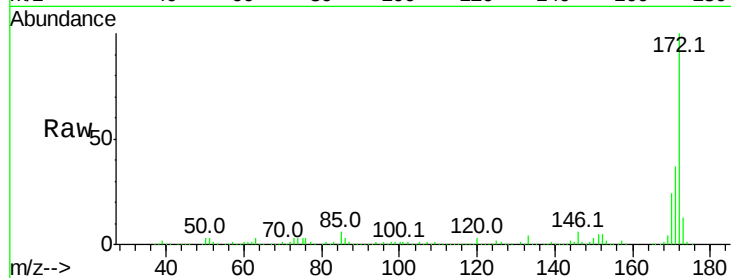




#44
2-Fluorobiphenyl
Concen: 97.238 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

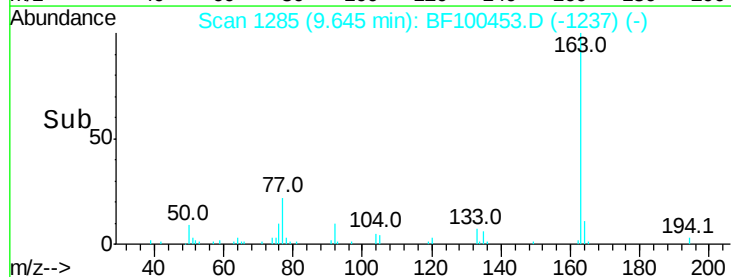
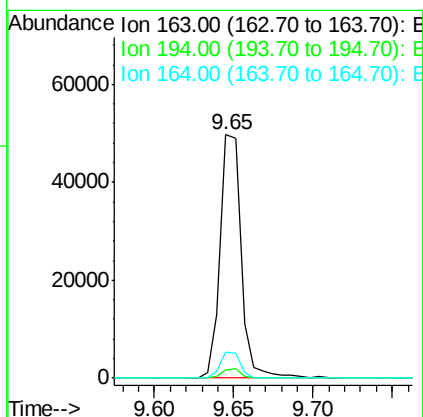
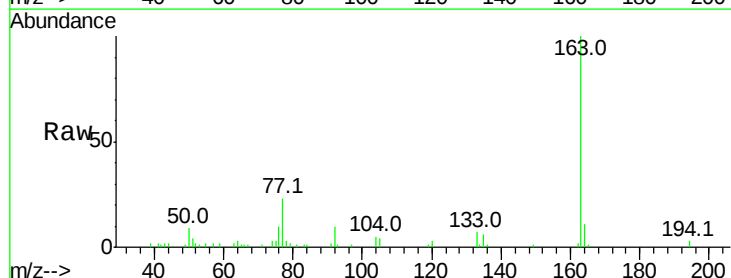
Instrument :
BNA_F
ClientSampleId :
TP-14

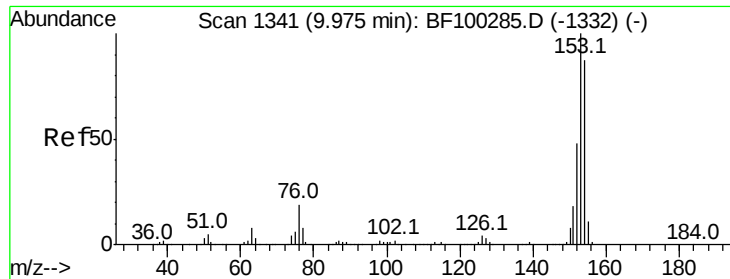
Tot Ion:172 Resp: 1336700
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.3 19.6 29.4



#49
Dimethylphthalate
Concen: 2.880 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Tgt Ion:163 Resp: 46026
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.7 8.2 12.2





#51

Acenaphthene

Concen: 10.218 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF100453.D

Acq: 11 Nov 2017 20:51

Instrument :

BNA_F

ClientSampleId :

TP-14

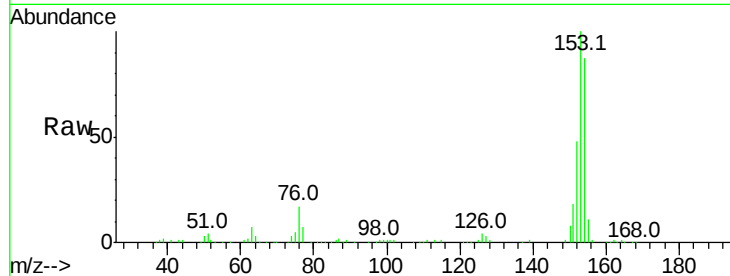
Tot Ion:154 Resp: 135264

Ion Ratio Lower Upper

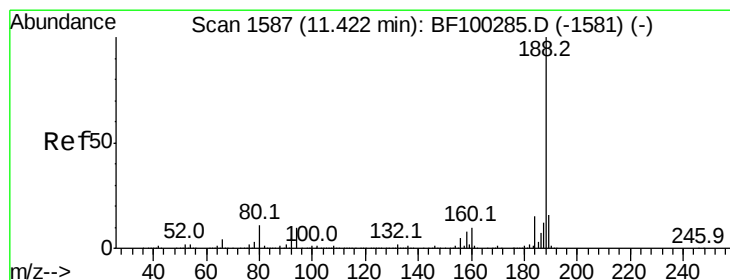
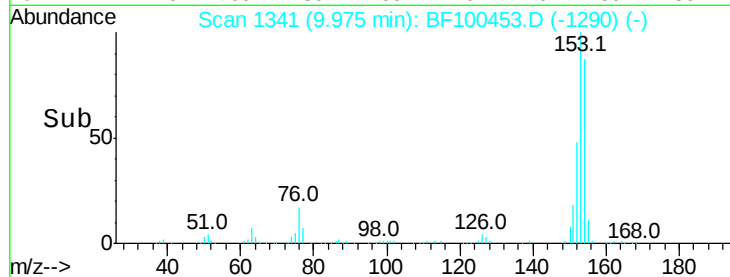
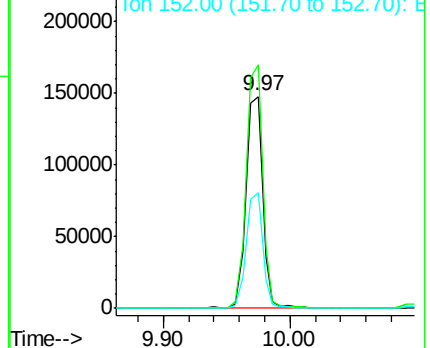
154 100

153 114.9 91.2 136.8

152 54.7 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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF100453.D

Acq: 11 Nov 2017 20:51

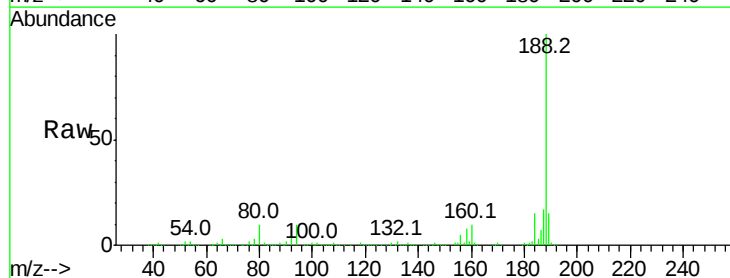
Tgt Ion:188 Resp: 333785

Ion Ratio Lower Upper

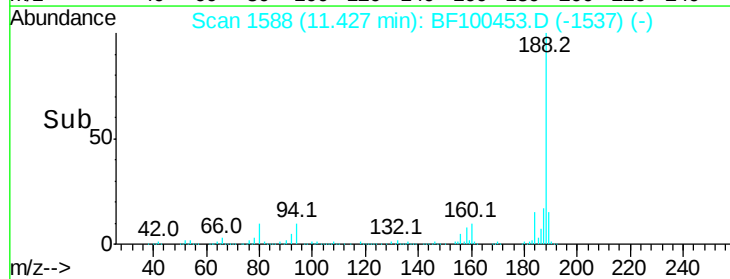
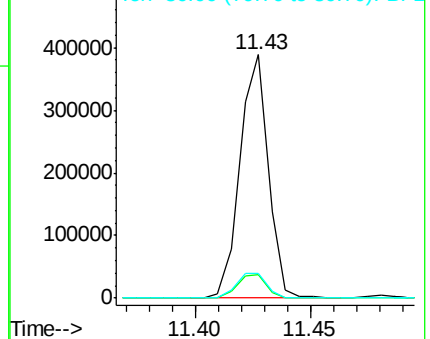
188 100

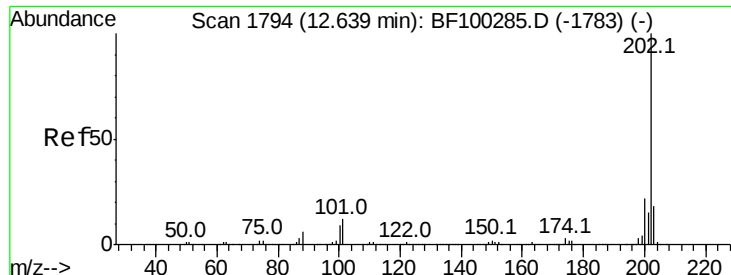
94 9.8 8.5 12.7

80 10.2 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





#74

Fluoranthene

Concen: 2.471 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF100453.D

Acq: 11 Nov 2017 20:51

Instrument :

BNA_F

ClientSampleId :

TP-14

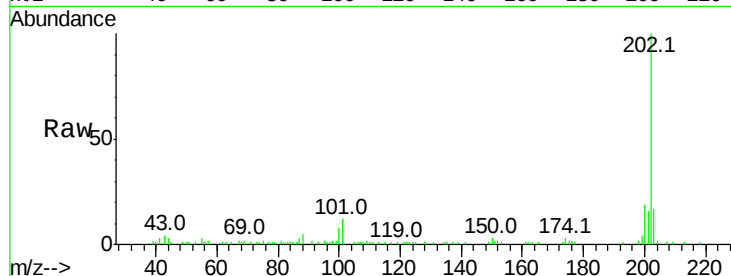
Tot Ion:202 Resp: 46030

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.1

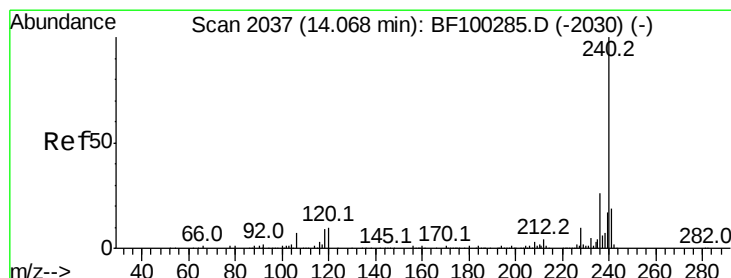
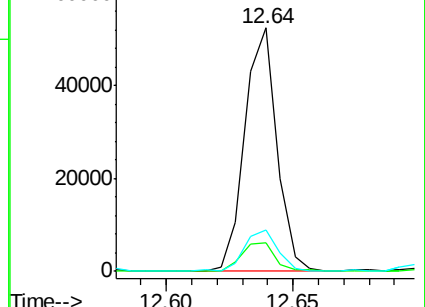
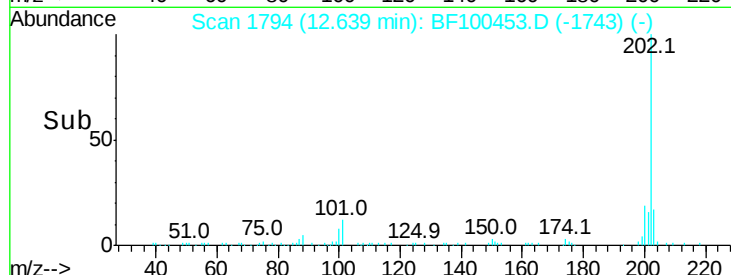
203 16.7 0.0 38.1



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: BF100453.D

Acq: 11 Nov 2017 20:51

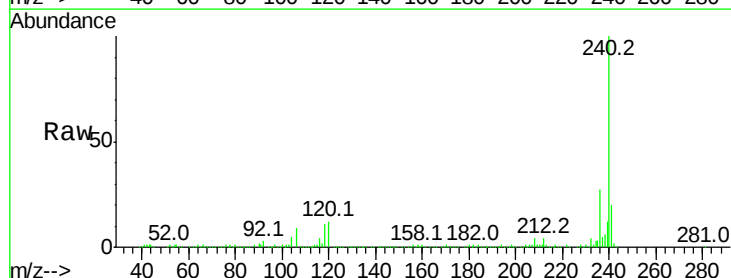
Tgt Ion:240 Resp: 318000

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

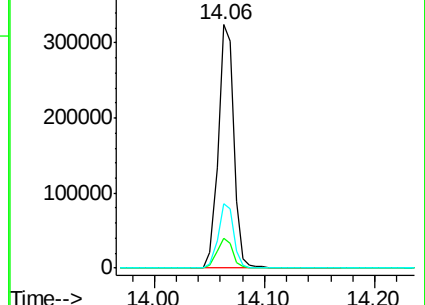
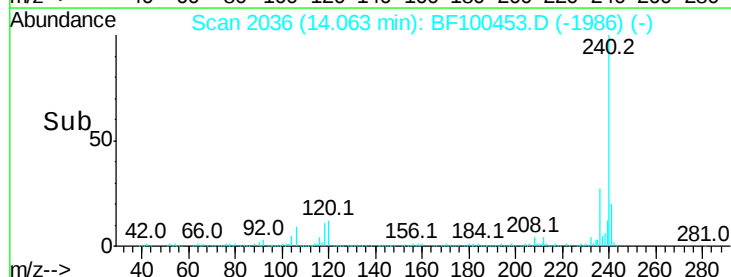
236 26.6 20.7 31.1

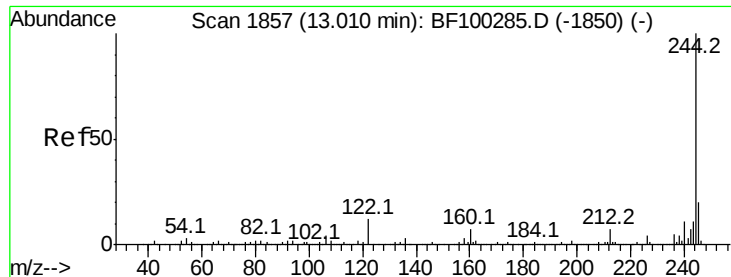


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.787 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100453.D

Acq: 11 Nov 2017 20:51

Instrument :

BNA_F

ClientSampled :

TP-14

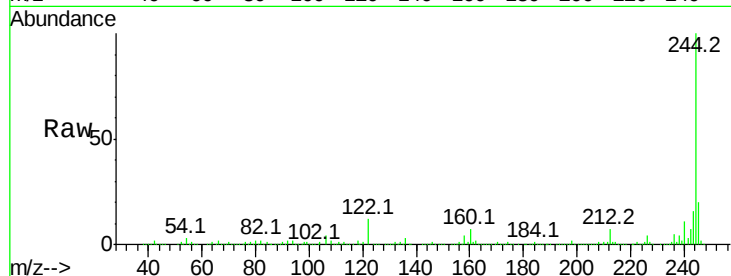
Tot Ion:244 Resp: 1007368

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

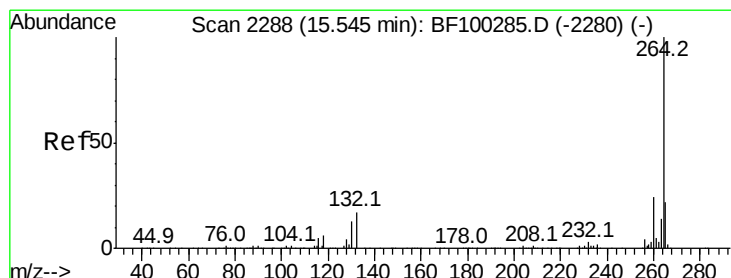
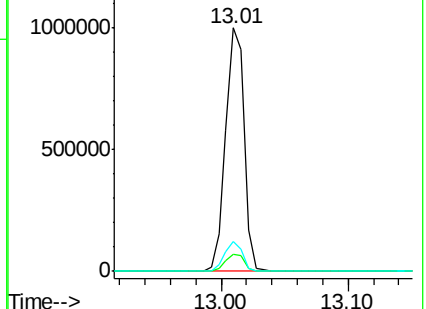
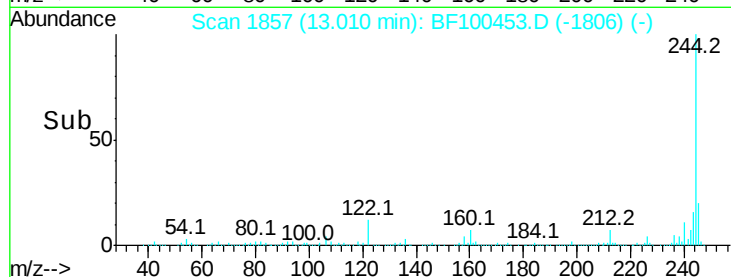
122 12.4 11.0 16.4



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: 15.55 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BF100453.D

Acq: 11 Nov 2017 20:51

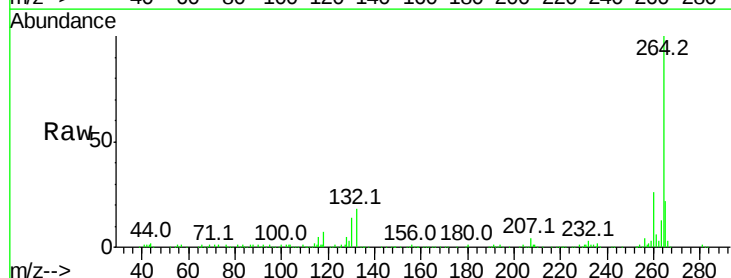
Tgt Ion:264 Resp: 224577

Ion Ratio Lower Upper

264 100

260 25.6 19.2 28.8

265 21.6 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

