

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100831.D
 Acq On : 22 Nov 2017 19:00
 Operator : SJ/JU
 Sample : PB104479BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104479BL

Quant Time: Nov 24 02:27:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	79133	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	322091	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	156529	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	320343	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	219291	20.00	ng	-0.02
86) Perylene-d12	15.49	264	172758	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	612878	124.15	ng	0.00
7) Phenol-d6	6.49	99	729218	119.79	ng	-0.02
23) Nitrobenzene-d5	7.42	82	461147	94.66	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	215582	135.16	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	958091	93.20	ng	-0.02
78) Terphenyl-d14	12.97	244	981077	102.80	ng	-0.01

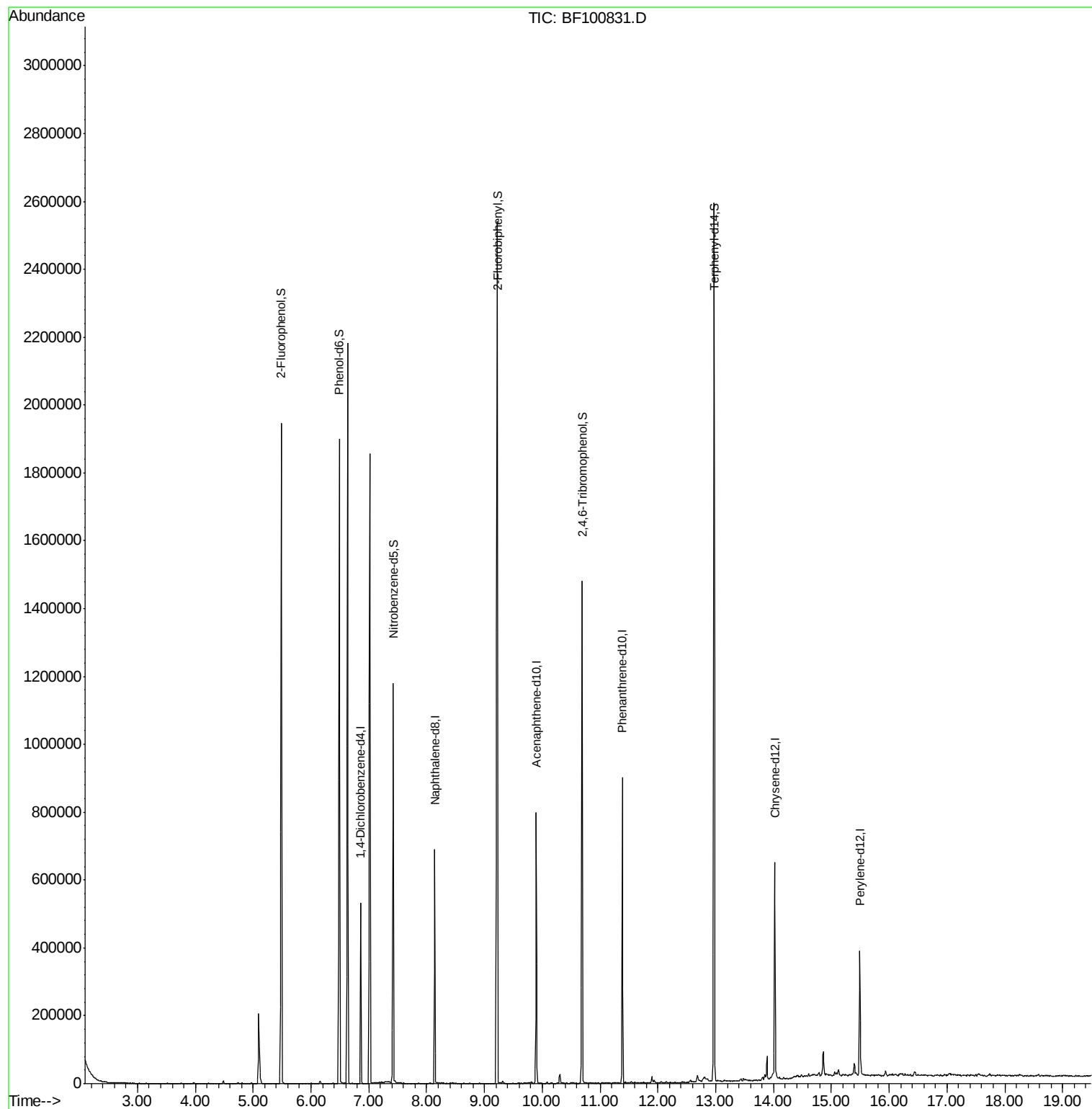
Target Compounds Qvalue

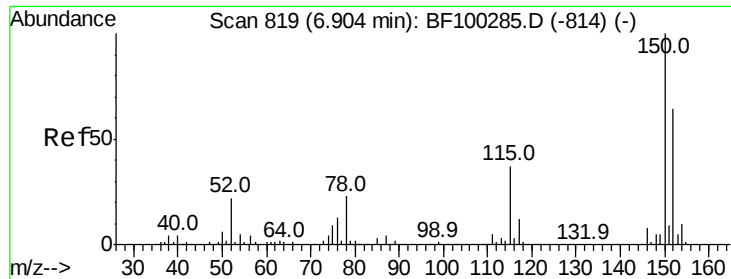
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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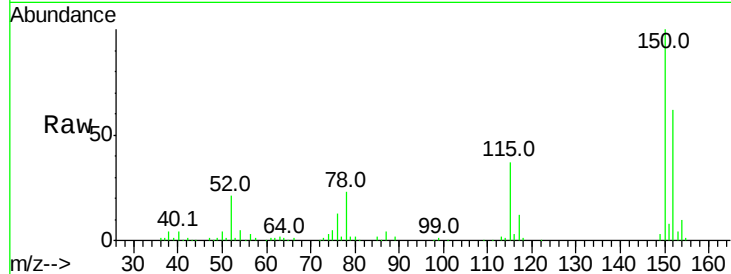


#1

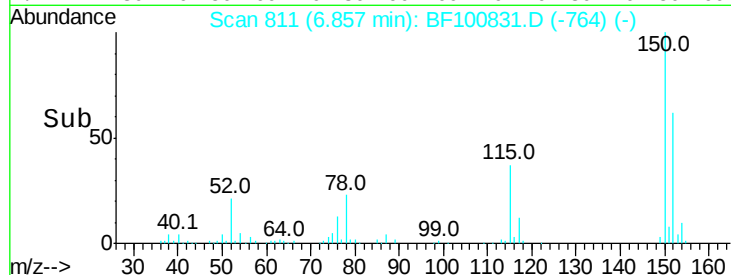
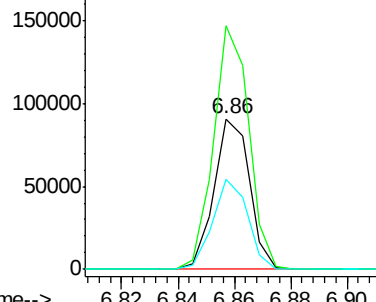
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100831.D
Acq: 22 Nov 2017 19:00

Instrument :
BNA_F
ClientSampleId :
PB104479BL

Tot Ion:152 Resp: 79133
Ion Ratio Lower Upper
152 100
150 161.9 124.6 186.8
115 60.1 50.1 75.1



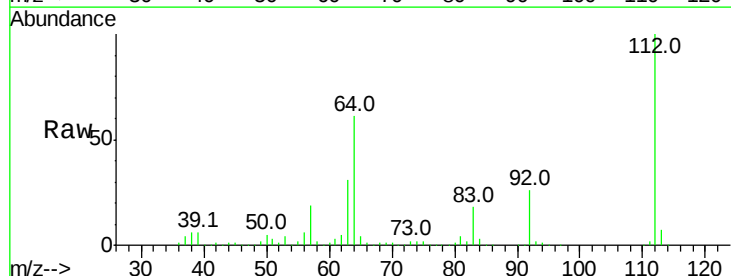
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



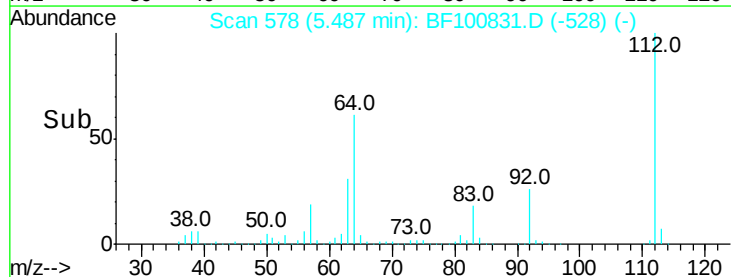
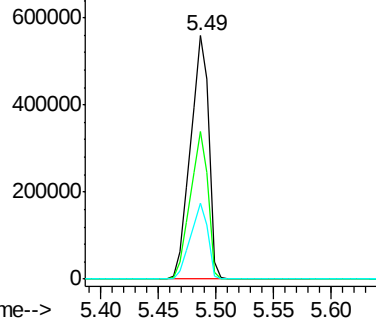
#5

2-Fluorophenol
Concen: 124.150 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100831.D
Acq: 22 Nov 2017 19:00

Tgt Ion:112 Resp: 612878
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 31.2 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: 119.790 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

Instrument :

BNA_F

ClientSampleId :

PB104479BL

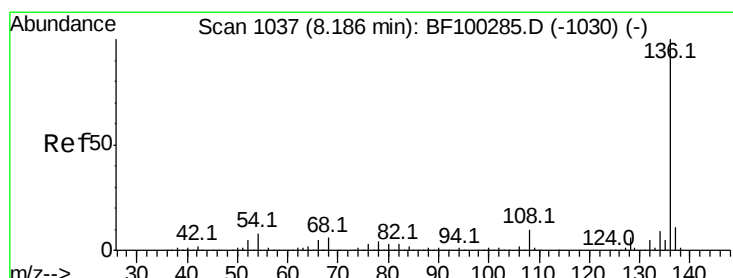
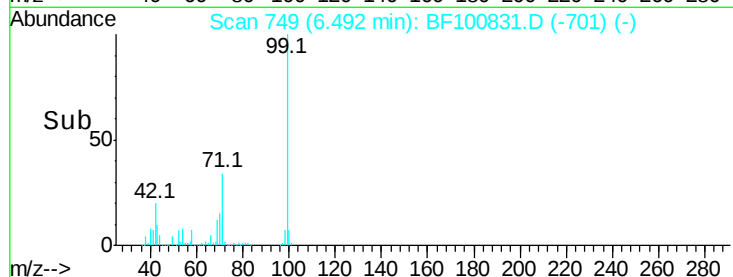
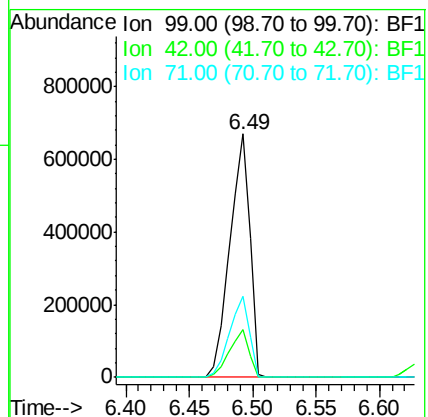
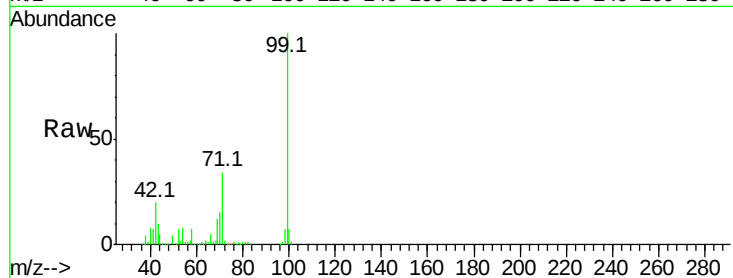
Tot Ion: 99 Resp: 729218

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 33.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

Tgt Ion: 136 Resp: 322091

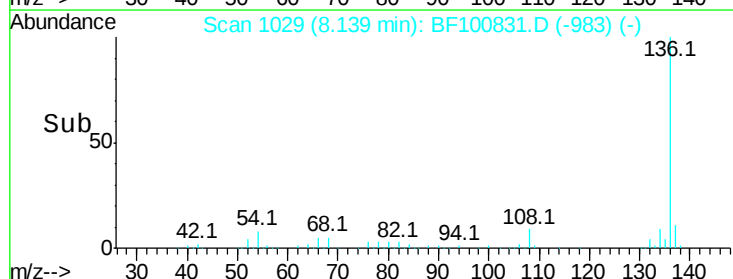
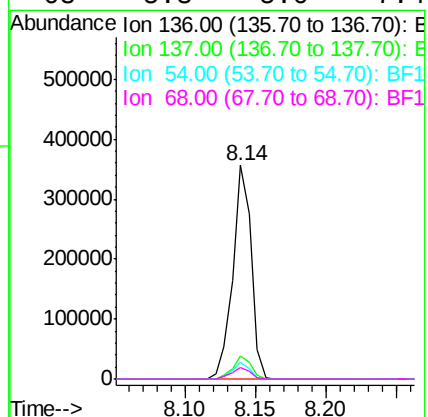
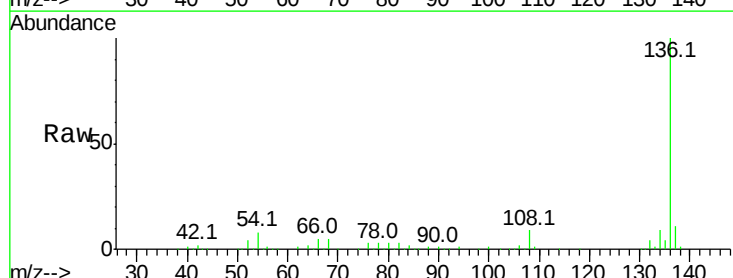
Ion Ratio Lower Upper

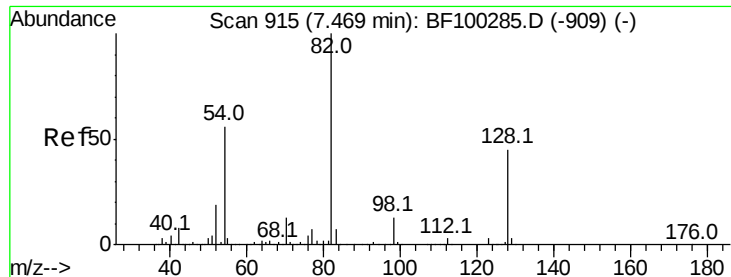
136 100

137 10.9 8.9 13.3

54 8.1 6.6 9.8

68 5.3 5.0 7.4

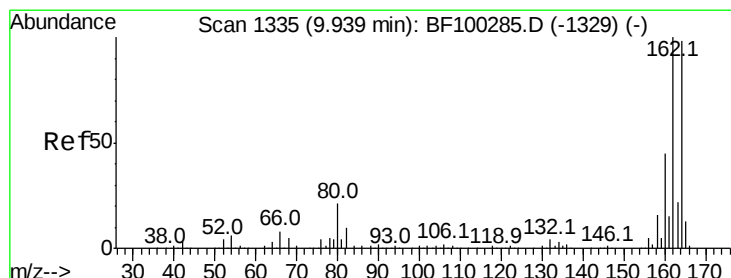
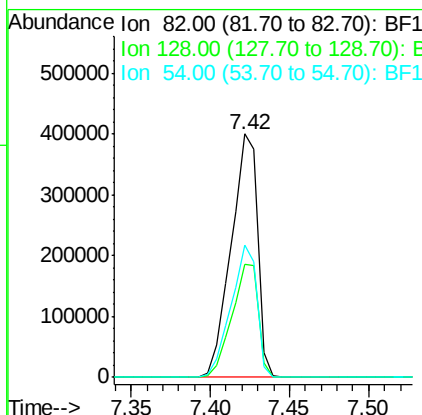
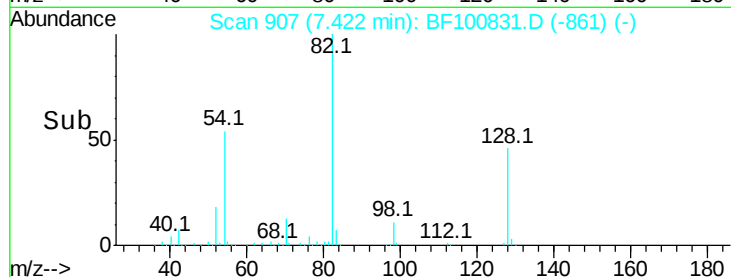
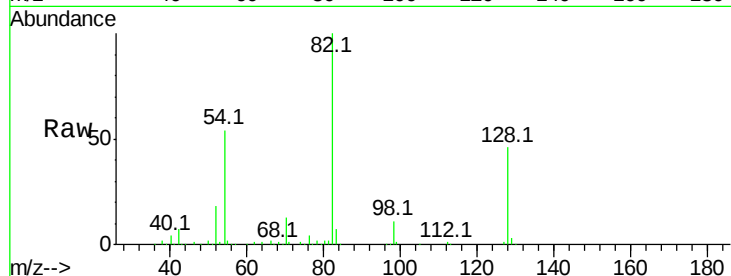




#23
Nitrobenzene-d5
Concen: 94.656 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.03 min
Lab File: BF100831.D
Acq: 22 Nov 2017 19:00

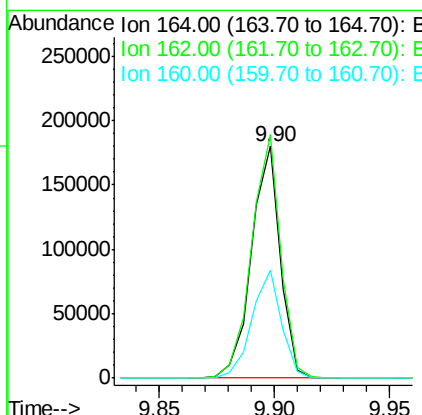
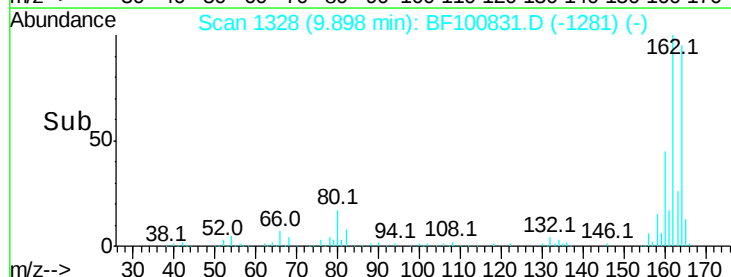
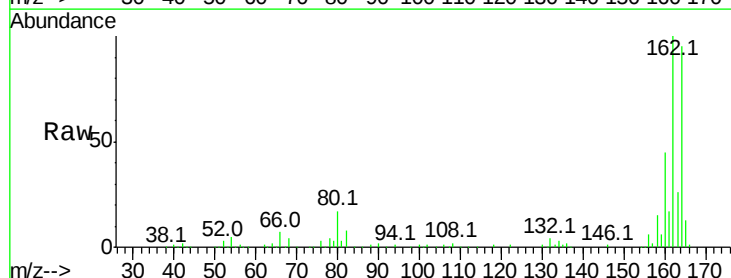
Instrument :
BNA_F
ClientSampleId :
PB104479BL

Tot Ion: 82 Resp: 461147
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 54.4 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF100831.D
Acq: 22 Nov 2017 19:00

Tgt Ion:164 Resp: 156529
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 46.9 38.3 57.5

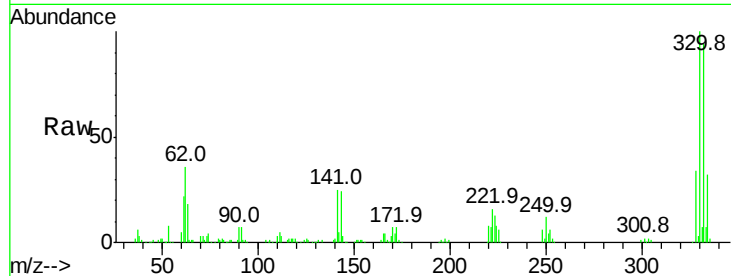




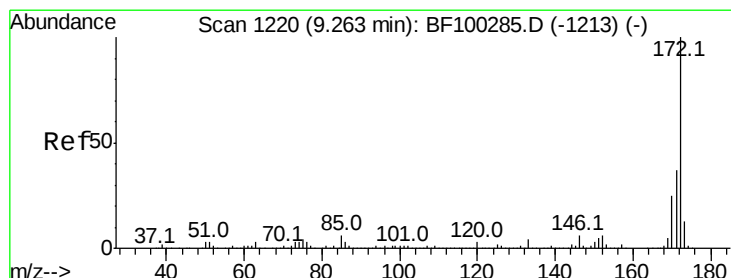
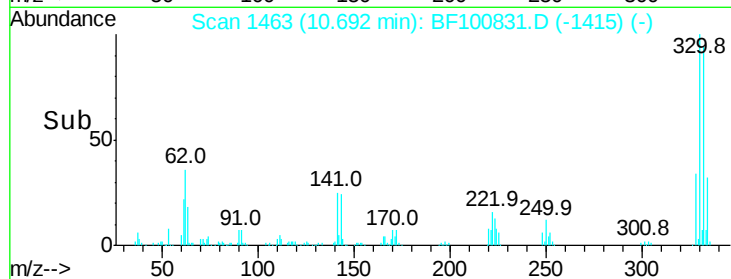
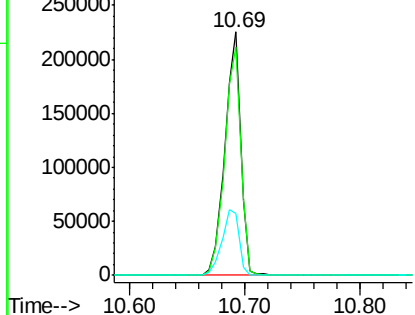
#41
 2,4,6-Tribromophenol
 Concen: 135.159 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.02 min
 Lab File: BF100831.D
 Acq: 22 Nov 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB104479BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	29.2	29.9	44.9#

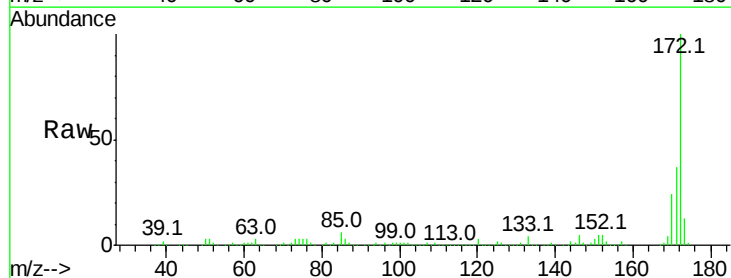


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

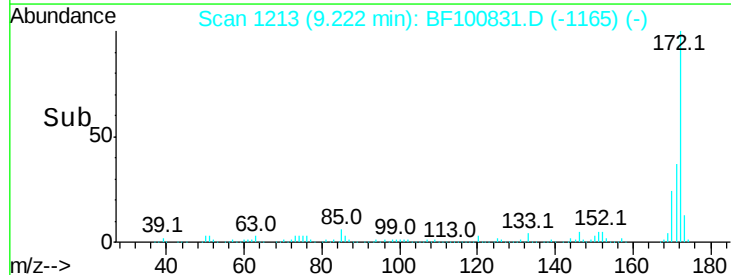
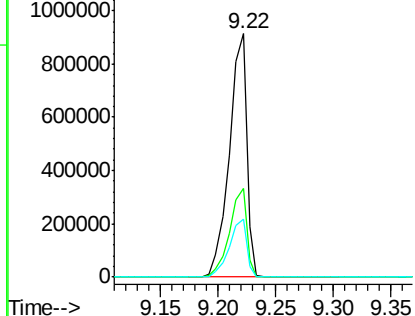


#44
 2-Fluorobiphenyl
 Concen: 93.203 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF100831.D
 Acq: 22 Nov 2017 19:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	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

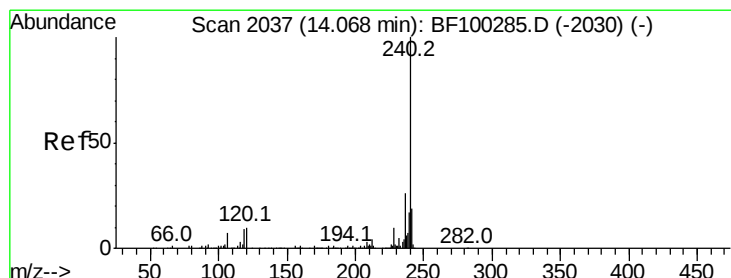
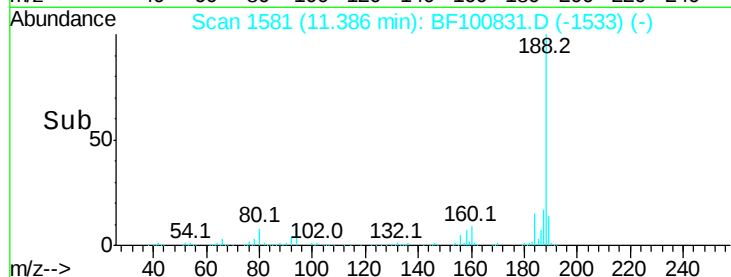
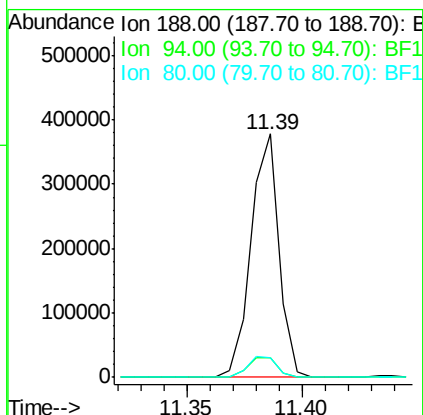
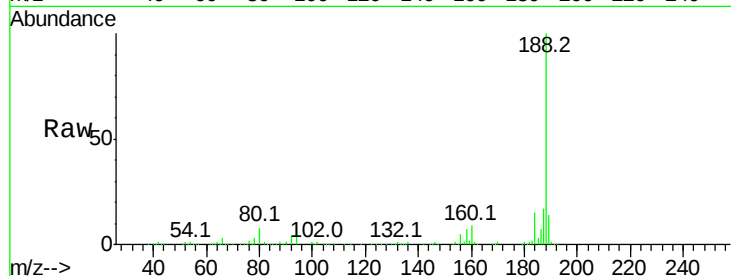




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF100831.D
Acq: 22 Nov 2017 19:00

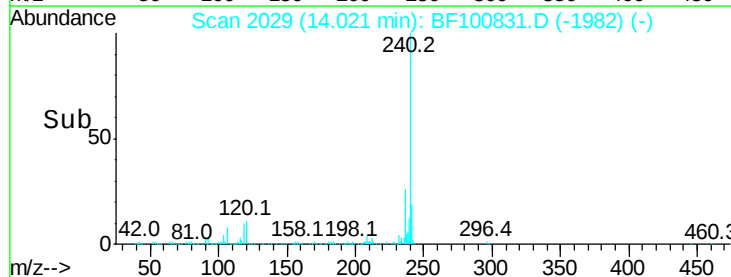
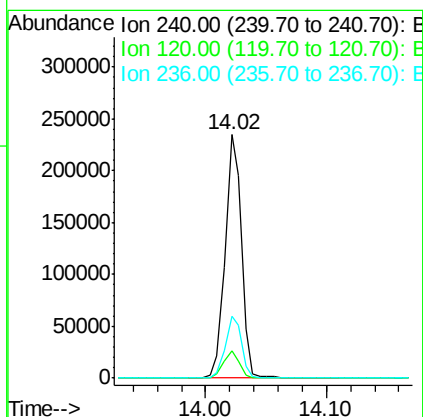
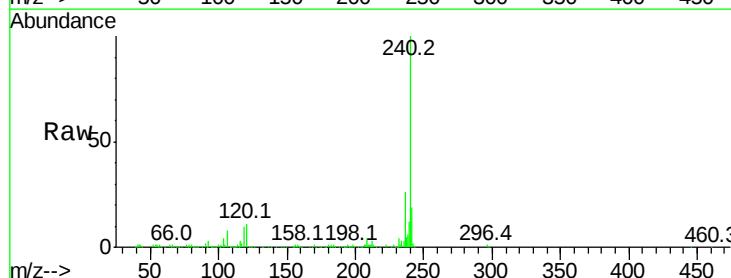
Instrument :
BNA_F
ClientSampleId :
PB104479BL

Tot Ion:188 Resp: 320343
Ion Ratio Lower Upper
188 100
94 7.8 8.5 12.7#
80 8.2 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF100831.D
Acq: 22 Nov 2017 19:00

Tgt Ion:240 Resp: 219291
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 102.796 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

Instrument :

BNA_F

ClientSampleId :

PB104479BL

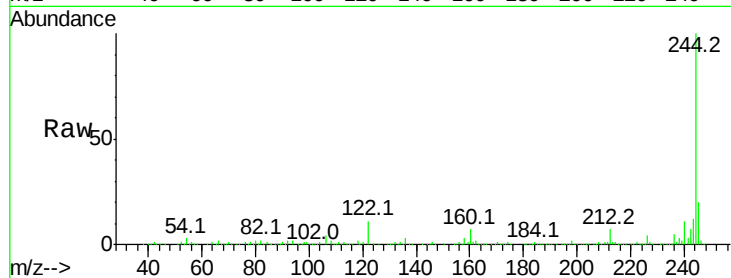
Tot Ion:244 Resp: 981077

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

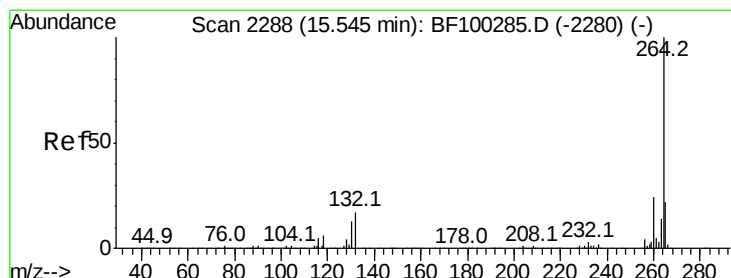
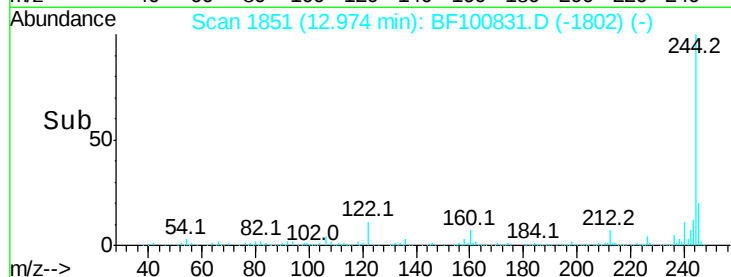
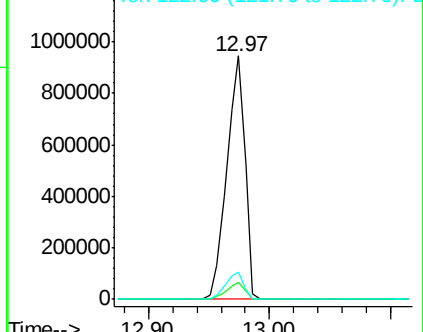
122 11.3 11.0 16.4



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: 15.49 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

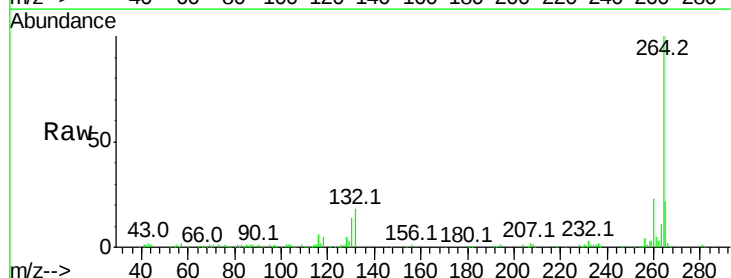
Tgt Ion:264 Resp: 172758

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.5 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

