

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100431.D
 Acq On : 11 Nov 2017 11:00
 Operator : SJ/JU
 Sample : I6399-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Quant Time: Nov 13 02:10:09 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

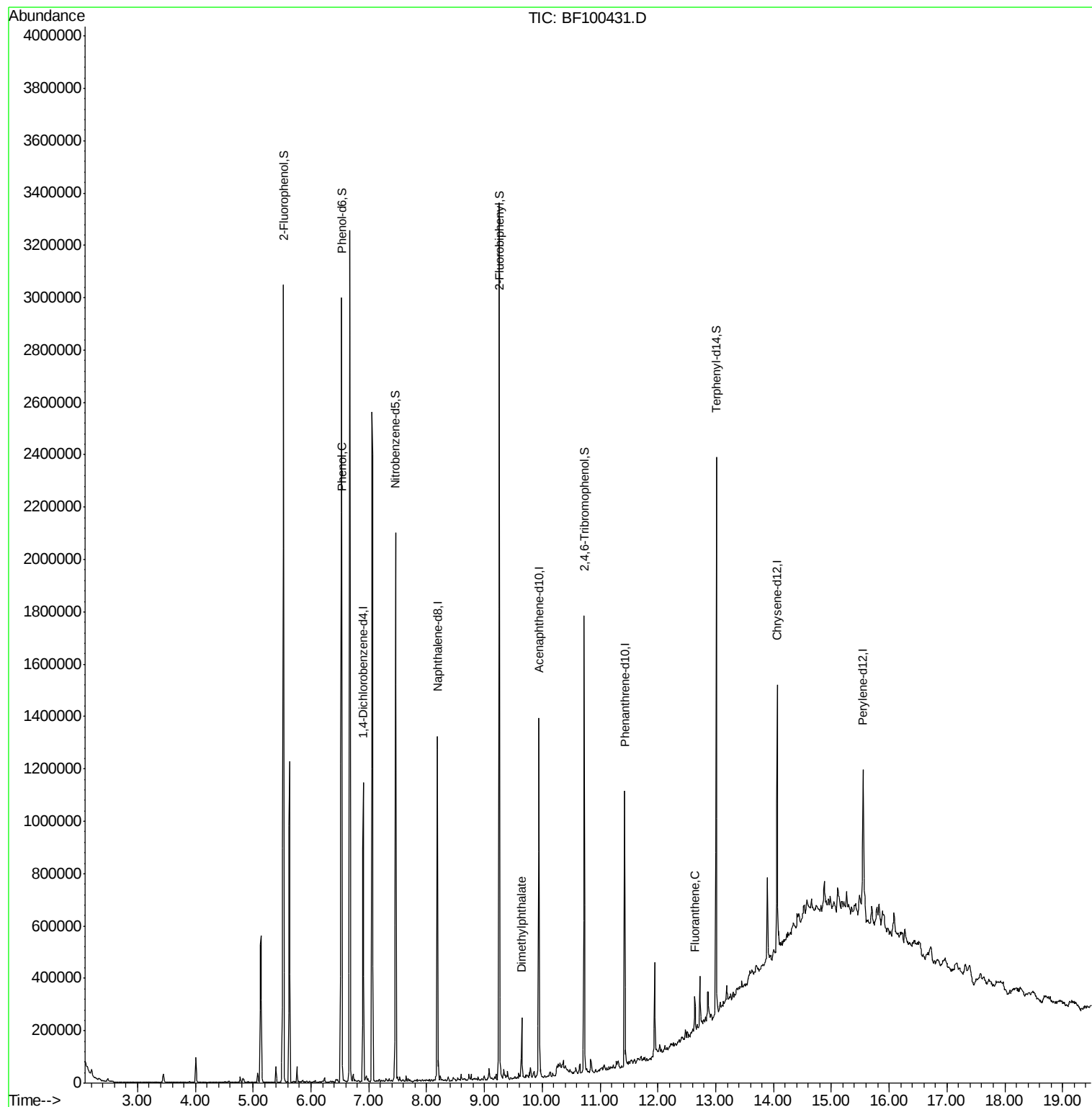
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	158074	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	604732	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	248345	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	382647	20.00	ng	0.00
75) Chrysene-d12	14.06	240	330655	20.00	ng	0.00
86) Perylene-d12	15.55	264	273973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	911217	92.40	ng	0.00
7) Phenol-d6	6.53	99	1108981	91.20	ng	0.00
23) Nitrobenzene-d5	7.46	82	696806	76.18	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	209376	82.74	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1078534	66.13	ng	0.00
78) Terphenyl-d14	13.01	244	689006	47.88	ng	0.00
Target Compounds						
10) Phenol	6.54	94	58887	4.613	ng	97
49) Dimethylphthalate	9.65	163	82979	4.376	ng	99
74) Fluoranthene	12.64	202	44209	2.070	ng	98

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

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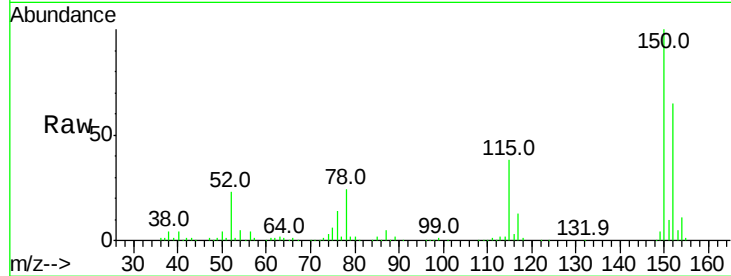


#1

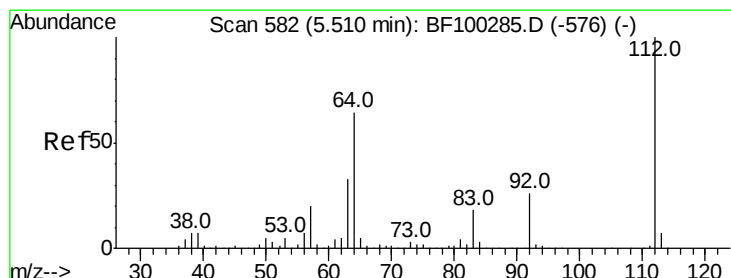
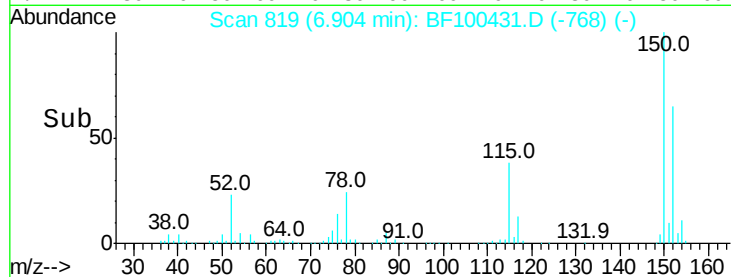
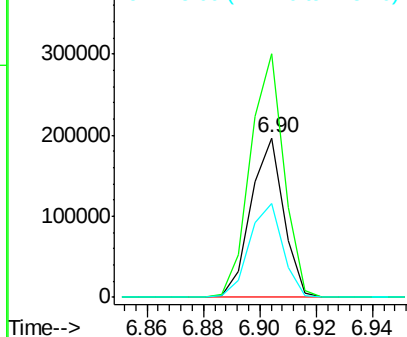
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100431.D
Acq: 11 Nov 2017 11:00

Instrument :
BNA_F
ClientSampleId :
TP-12

Tot Ion:152 Resp: 158074
Ion Ratio Lower Upper
152 100
150 153.0 124.6 186.8
115 58.6 50.1 75.1



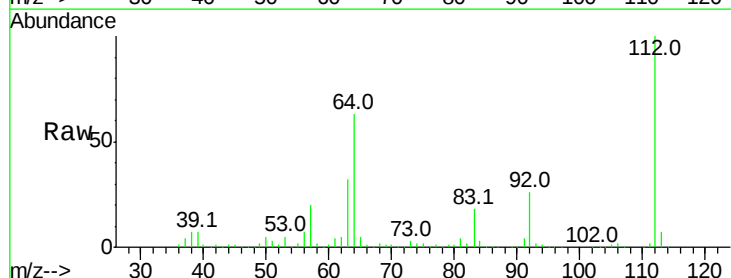
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



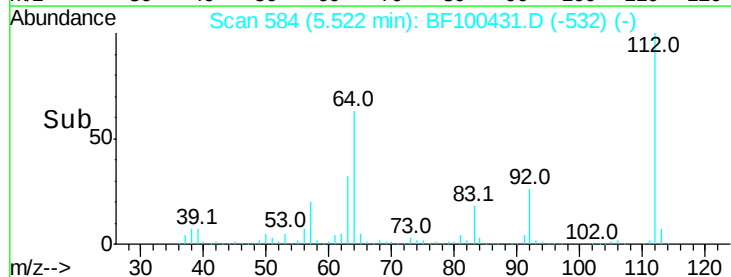
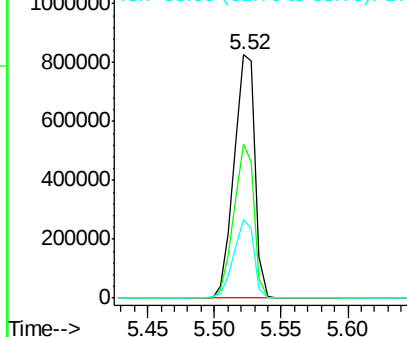
#5

2-Fluorophenol
Concen: 92.404 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100431.D
Acq: 11 Nov 2017 11:00

Tgt Ion:112 Resp: 911217
Ion Ratio Lower Upper
112 100
64 63.2 47.9 71.9
63 32.4 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: 91.198 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF100431.D

Acq: 11 Nov 2017 11:00

Instrument :

BNA_F

ClientSampleId :

TP-12

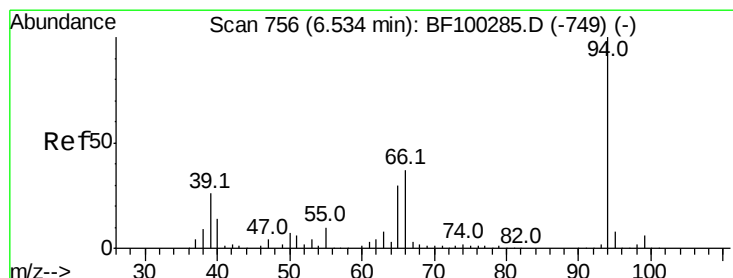
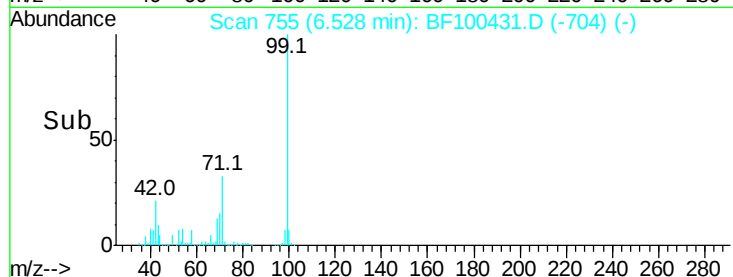
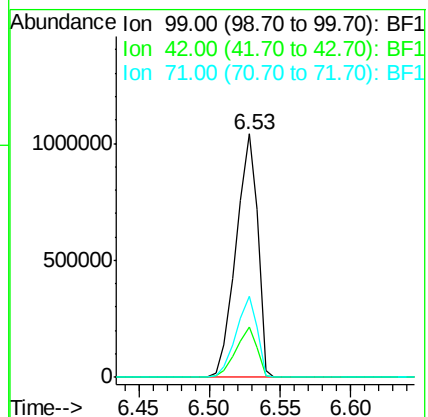
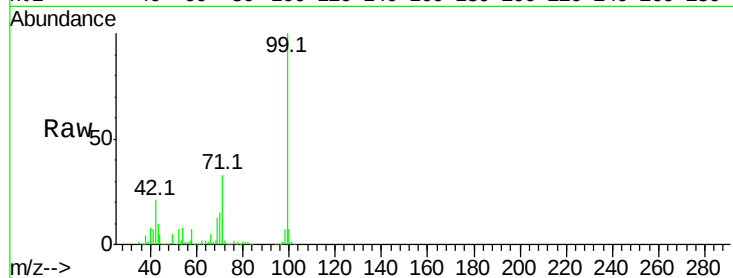
Tot Ion: 99 Resp: 1108981

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

71 33.1 25.4 38.0



#10

Phenol

Concen: 4.613 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF100431.D

Acq: 11 Nov 2017 11:00

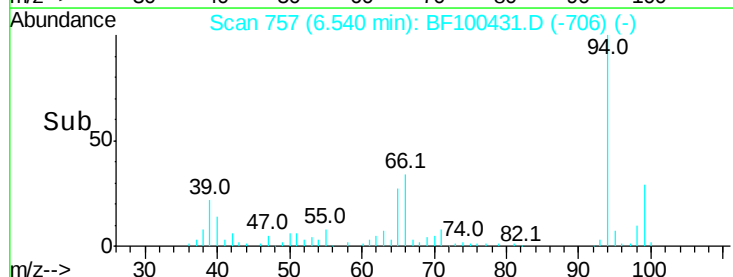
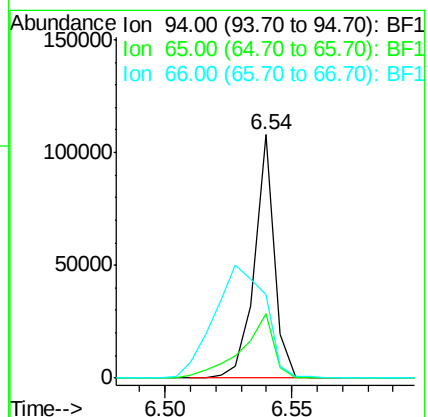
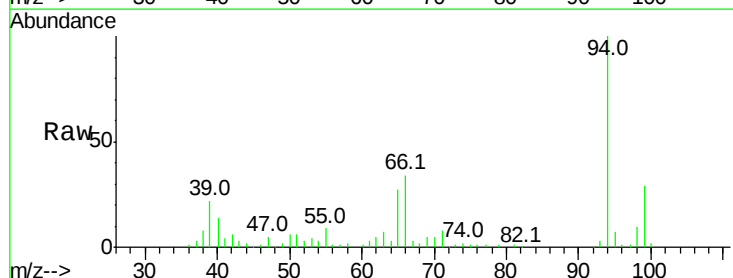
Tgt Ion: 94 Resp: 58887

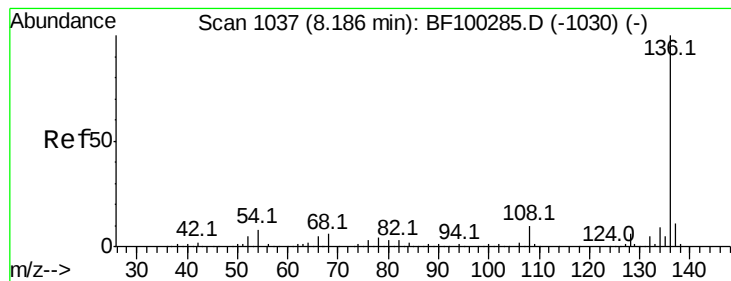
Ion Ratio Lower Upper

94 100

65 26.6 7.9 47.9

66 34.4 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: BF100431.D

Acq: 11 Nov 2017 11:00

Instrument :

BNA_F

ClientSampleId :

TP-12

Tot Ion:136 Resp: 604732

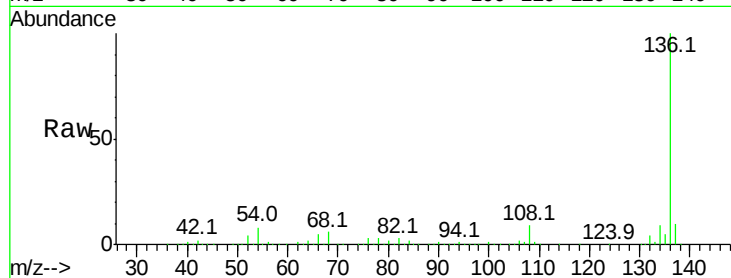
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.8 6.6 9.8

68 5.6 5.0 7.4

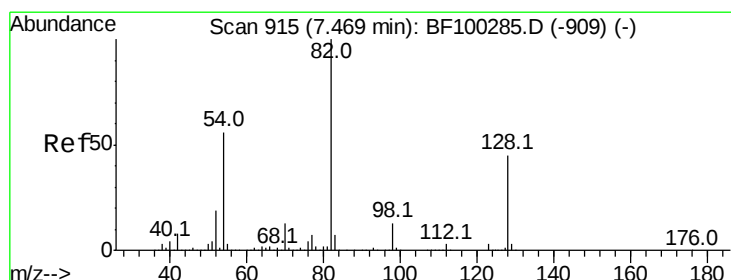
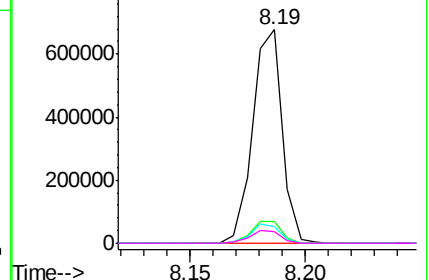
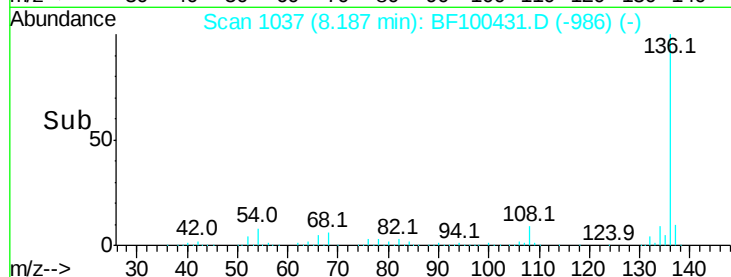


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.180 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF100431.D

Acq: 11 Nov 2017 11:00

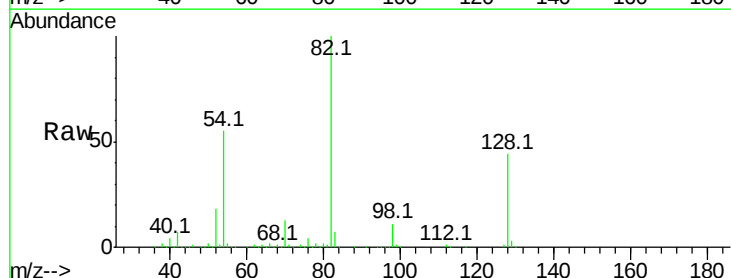
Tgt Ion: 82 Resp: 696806

Ion Ratio Lower Upper

82 100

128 44.1 36.1 54.1

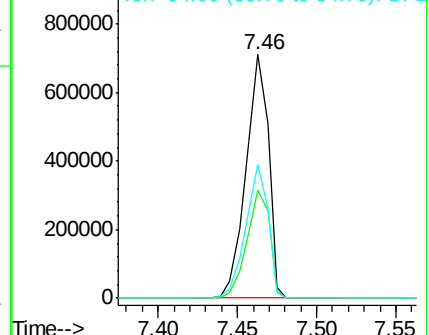
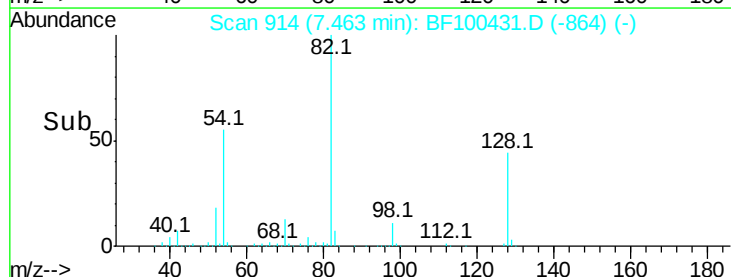
54 54.6 41.4 62.2

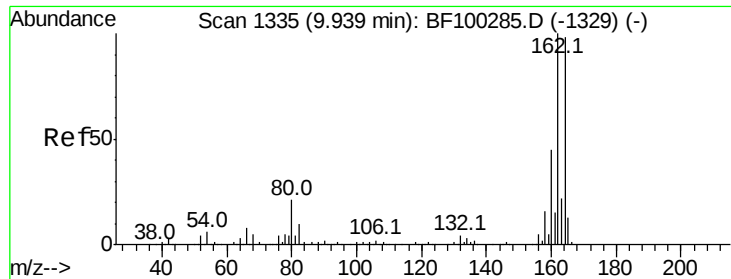


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

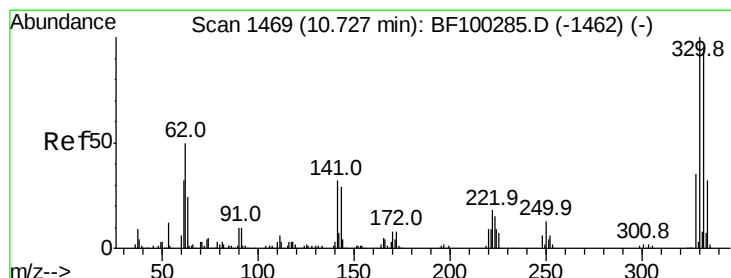
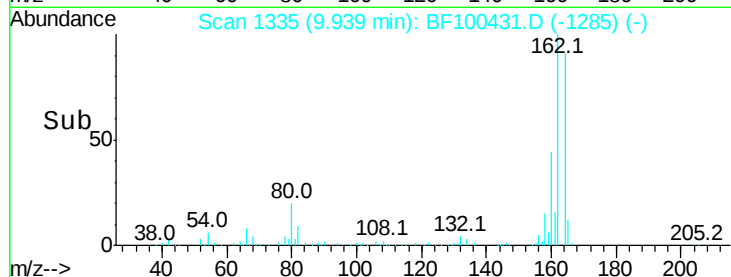
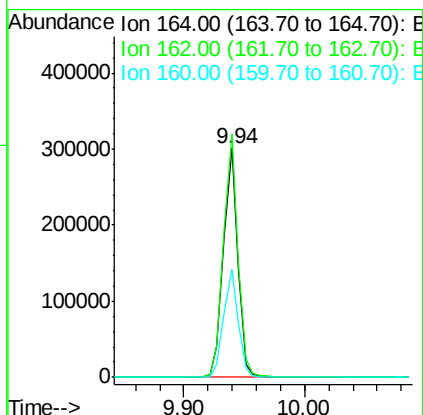
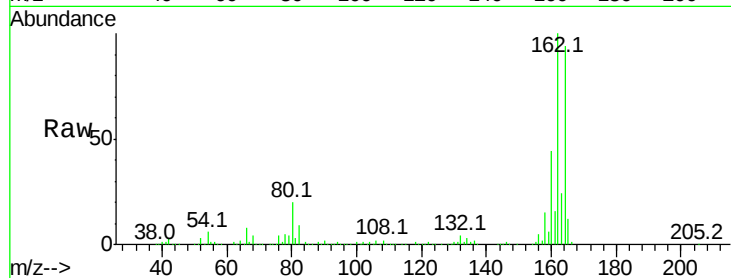




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100431.D
Acq: 11 Nov 2017 11:00

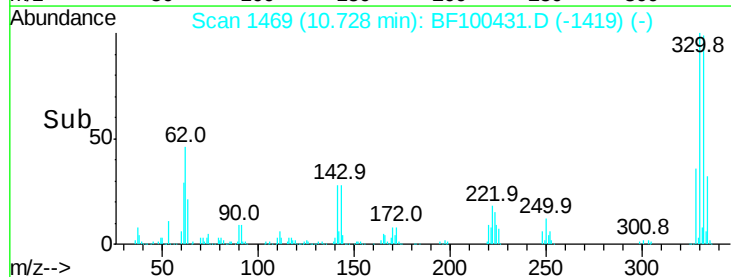
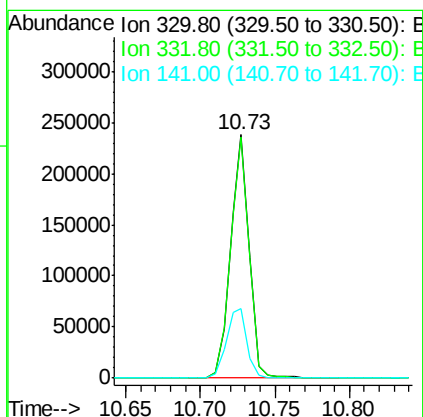
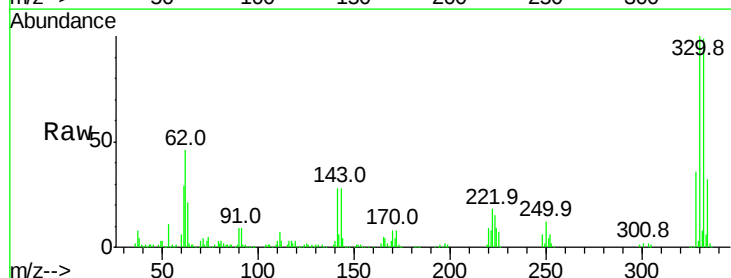
Instrument :
BNA_F
ClientSampleId :
TP-12

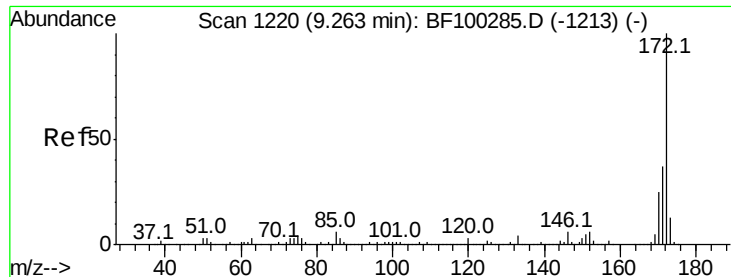
Tot Ion:164 Resp: 248345
Ion Ratio Lower Upper
164 100
162 106.2 86.1 129.1
160 46.8 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 82.737 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100431.D
Acq: 11 Nov 2017 11:00

Tgt Ion:330 Resp: 209376
Ion Ratio Lower Upper
330 100
332 99.2 77.0 115.6
141 32.0 29.9 44.9

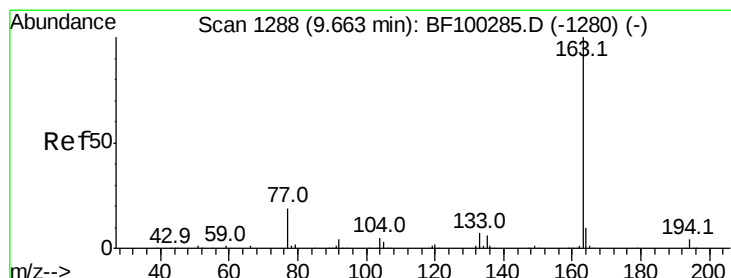
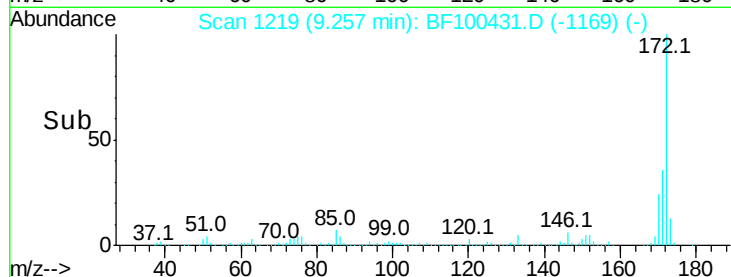
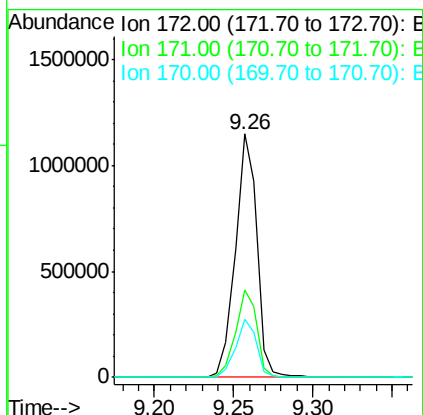
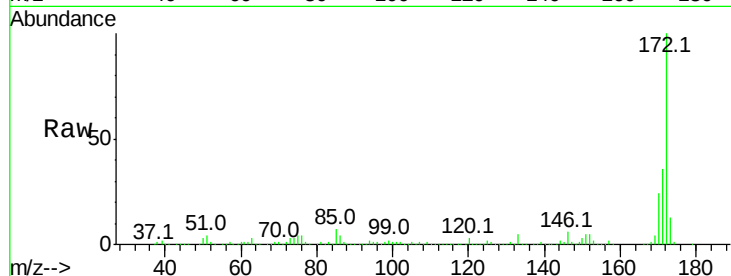




#44
2-Fluorobiphenyl
Concen: 66.130 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100431.D
Acq: 11 Nov 2017 11:00

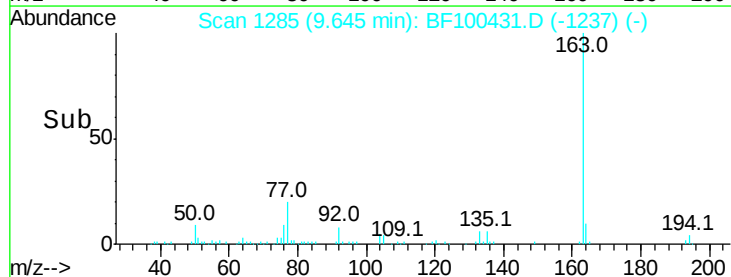
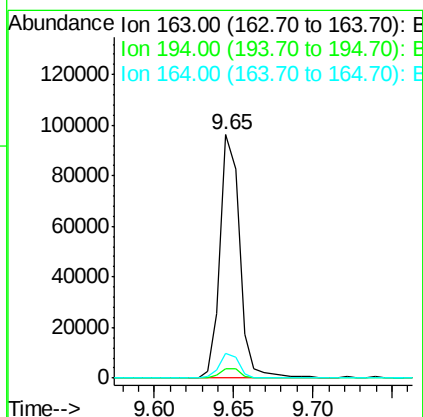
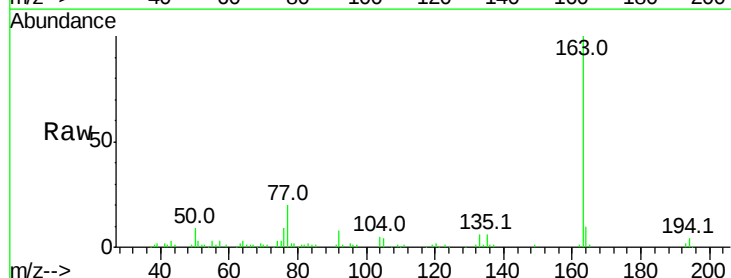
Instrument :
BNA_F
ClientSampleId :
TP-12

Tot Ion:172 Resp: 1078534
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 4.376 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100431.D
Acq: 11 Nov 2017 11:00

Tgt Ion:163 Resp: 82979
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.3 8.2 12.2

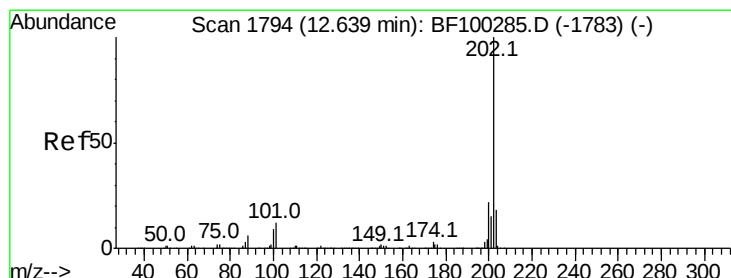
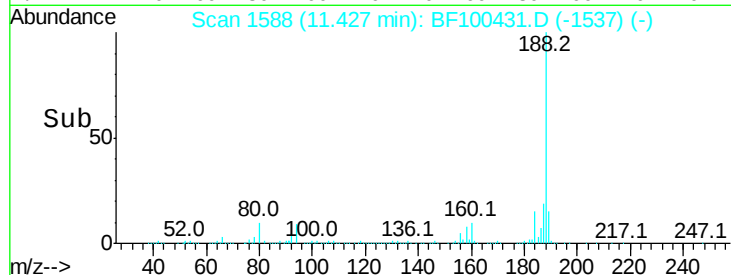
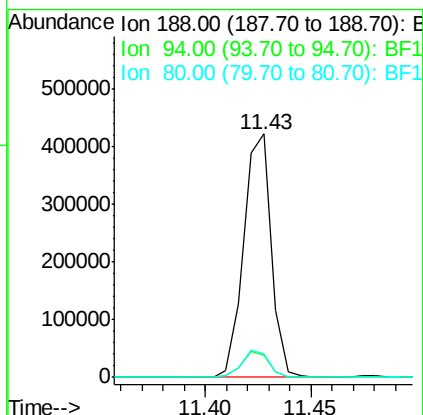
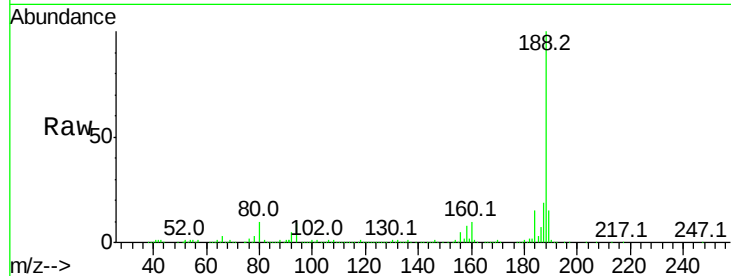




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100431.D
Acq: 11 Nov 2017 11:00

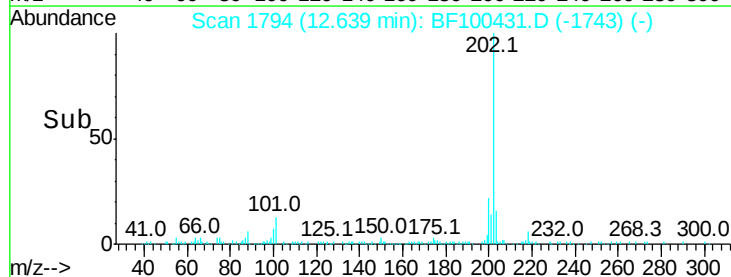
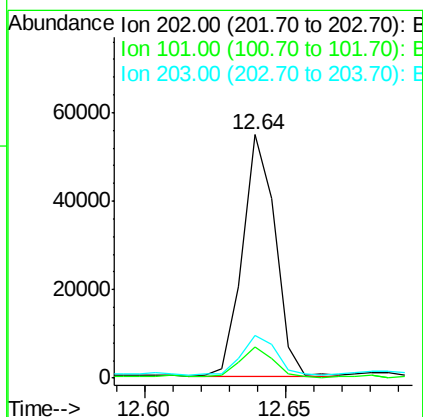
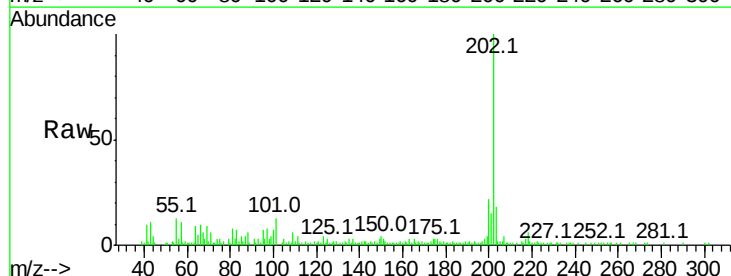
Instrument :
BNA_F
ClientSampleId :
TP-12

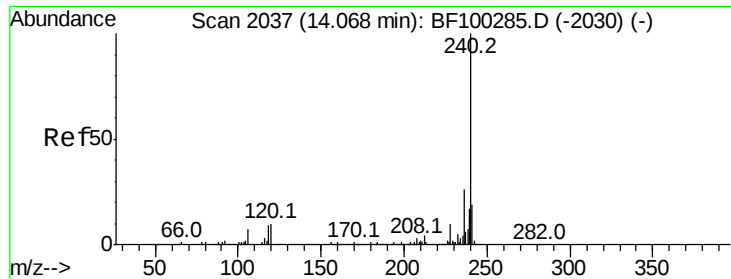
Tot Ion:188 Resp: 382647
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.5 9.2 13.8



#74
Fluoranthene
Concen: 2.070 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF100431.D
Acq: 11 Nov 2017 11:00

Tgt Ion:202 Resp: 44209
Ion Ratio Lower Upper
202 100
101 12.8 0.0 34.1
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100431.D

Acq: 11 Nov 2017 11:00

Instrument :

BNA_F

ClientSampleId :

TP-12

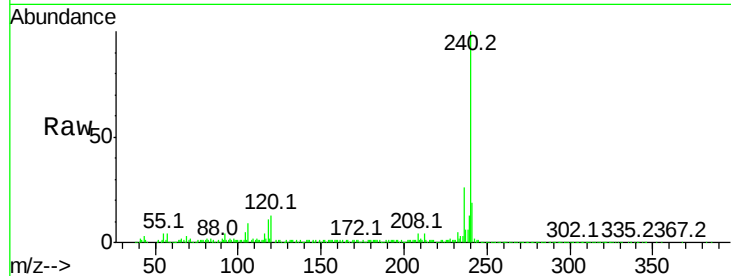
Tot Ion:240 Resp: 330655

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

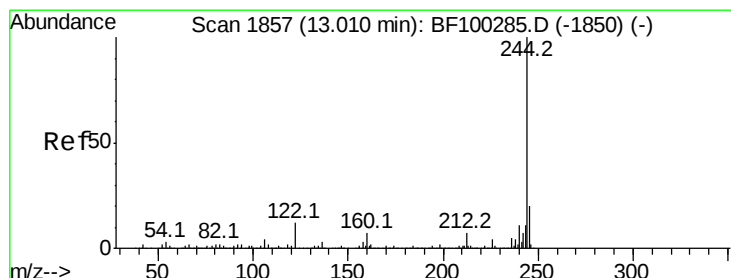
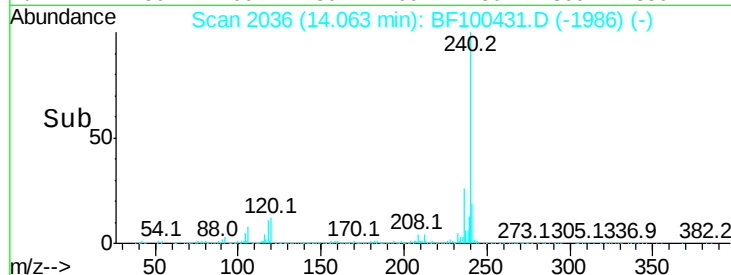
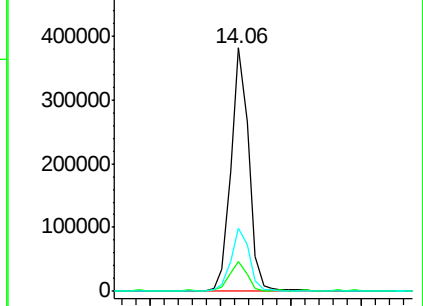
236 26.1 20.7 31.1



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: 47.879 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100431.D

Acq: 11 Nov 2017 11:00

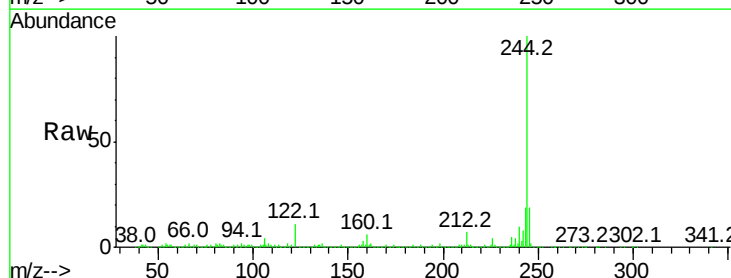
Tgt Ion:244 Resp: 689006

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

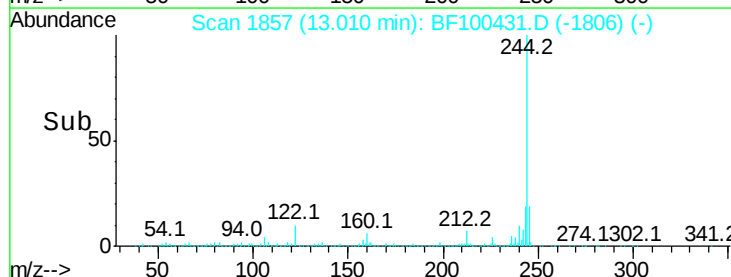
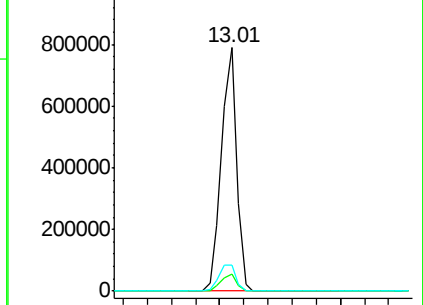
122 10.6 11.0 16.4#

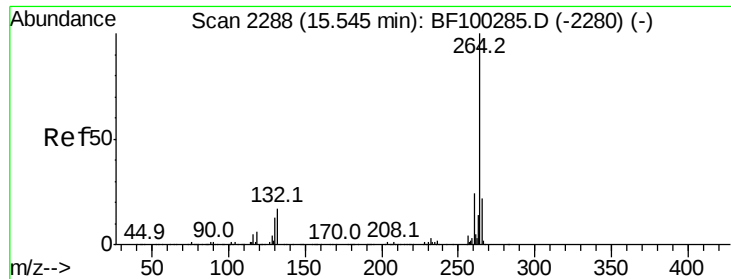


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

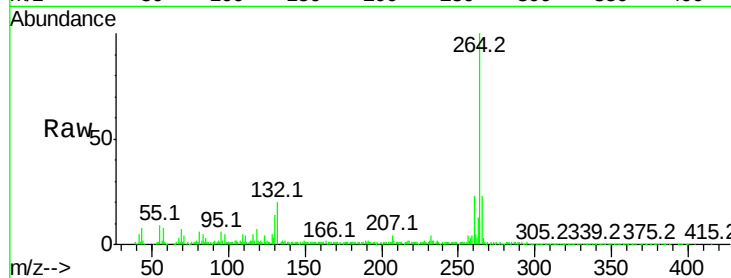




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.01 min
 Lab File: BF100431.D
 Acq: 11 Nov 2017 11:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.5	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

