

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF100989.D
 Acq On : 29 Nov 2017 20:18
 Operator : SJ/JU
 Sample : I6304-28 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 23:43:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

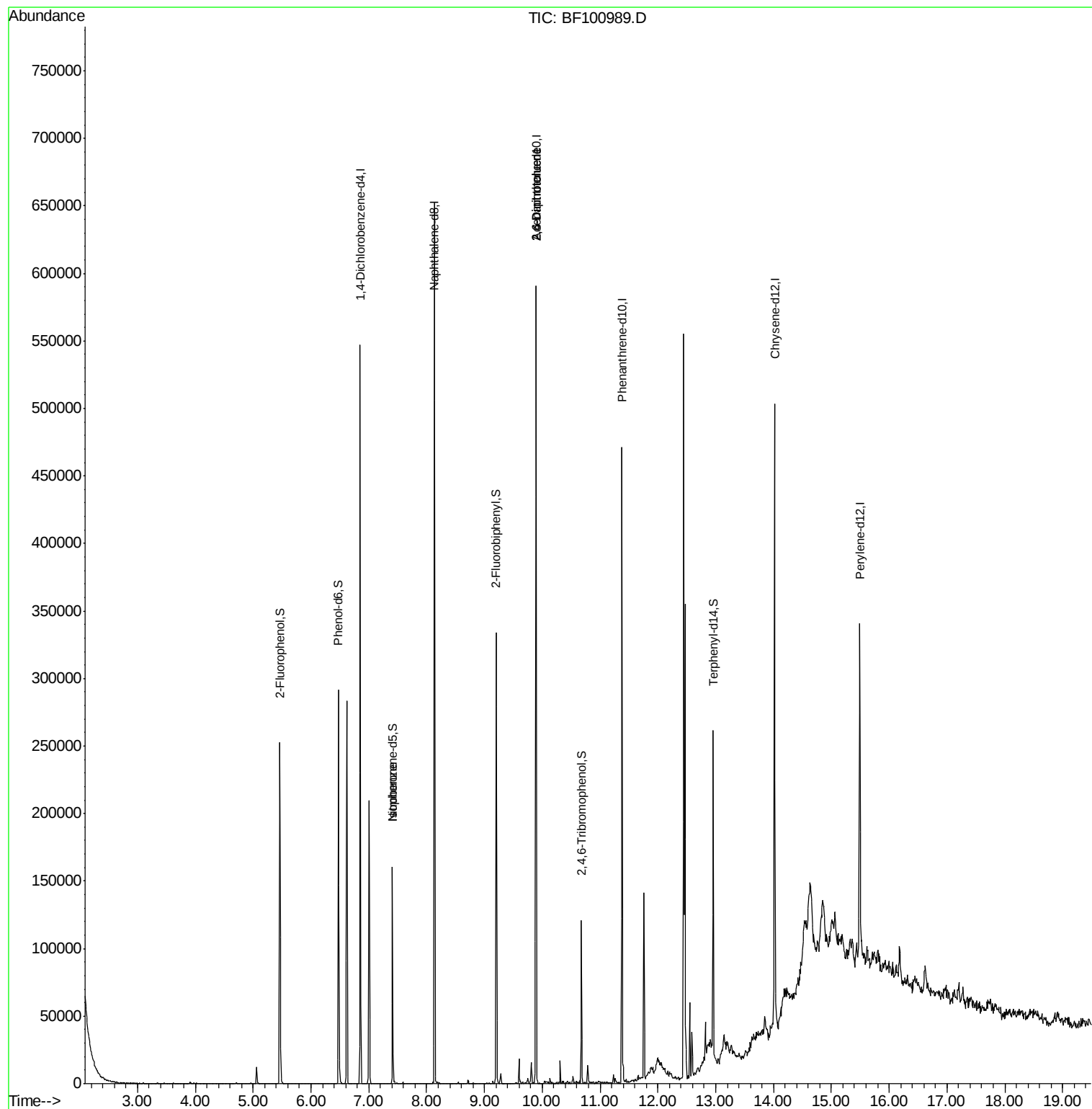
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	75583	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	277869	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	109743	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	170289	20.00	ng	0.00
75) Chrysene-d12	14.02	240	145491	20.00	ng	0.00
86) Perylene-d12	15.49	264	108933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	69455	14.73	ng	-0.01
7) Phenol-d6	6.47	99	81175	13.96	ng	-0.02
23) Nitrobenzene-d5	7.41	82	45897	10.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	15713	14.05	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	100267	13.91	ng	-0.01
78) Terphenyl-d14	12.96	244	70324	11.11	ng	-0.01
Target Compounds						
25) Isophorone	7.41	82	45896	5.197	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	13661	8.237	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	13661	6.529	ng	# 23

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

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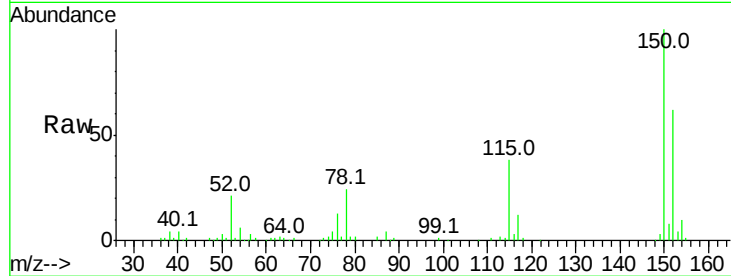


#1

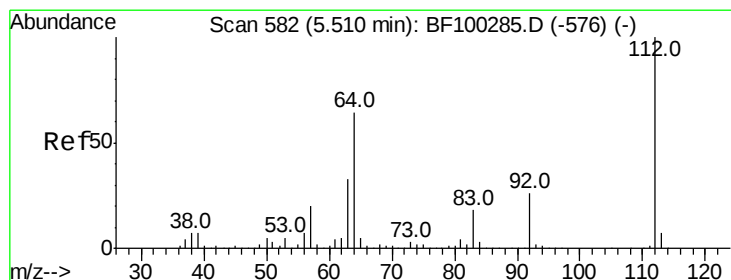
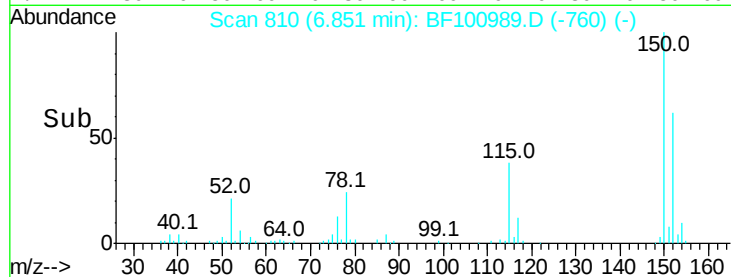
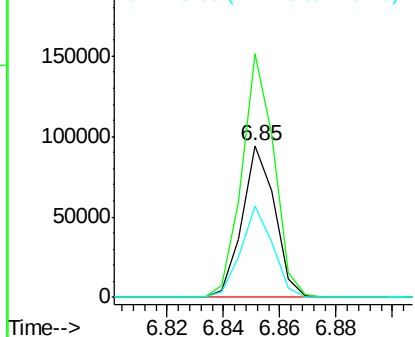
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF100989.D
Acq: 29 Nov 2017 20:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75583
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 60.3 50.1 75.1



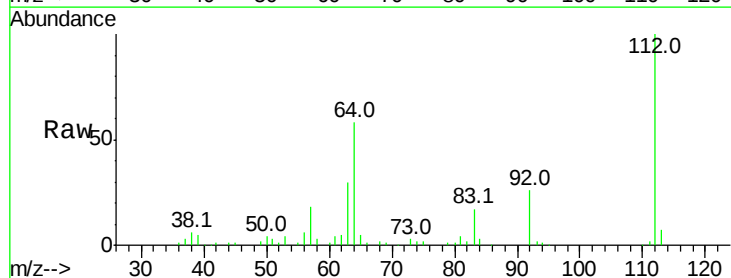
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



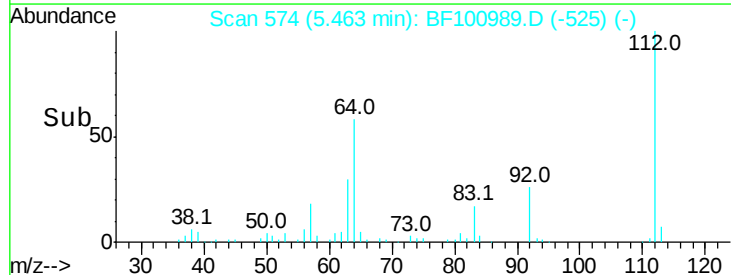
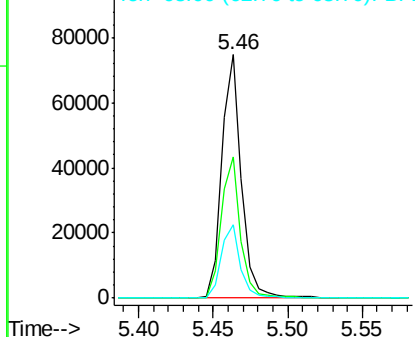
#5

2-Fluorophenol
Concen: 14.730 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF100989.D
Acq: 29 Nov 2017 20:18

Tgt Ion:112 Resp: 69455
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 30.4 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: 13.961 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF100989.D

Acq: 29 Nov 2017 20:18

Instrument :

BNA_F

ClientSampleId :

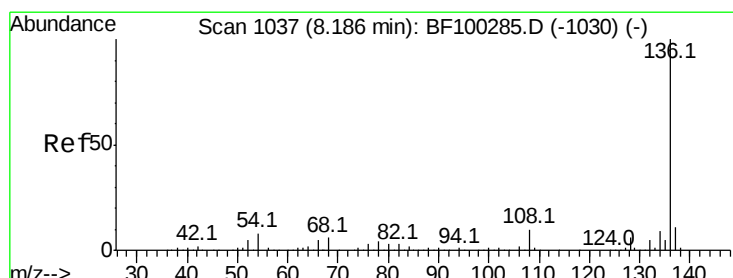
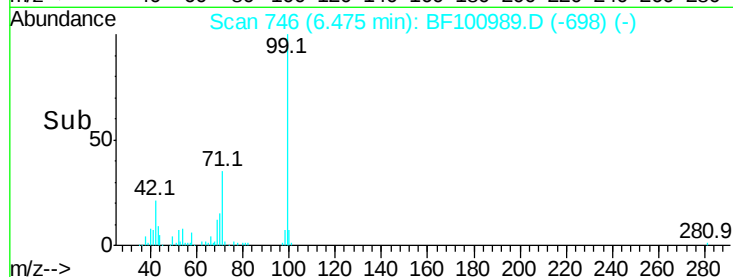
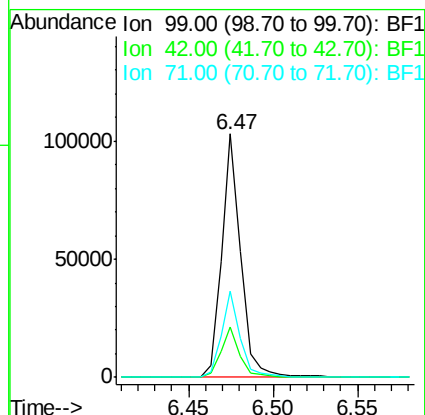
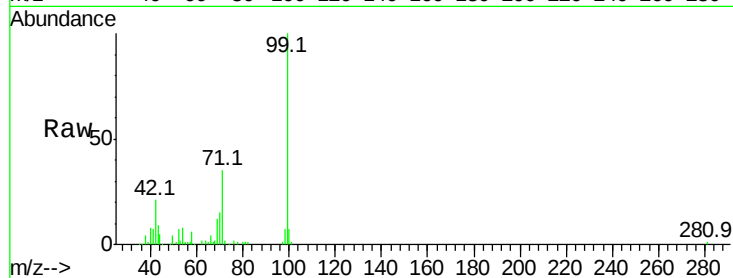
Tot Ion: 99 Resp: 81175

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

71 35.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF100989.D

Acq: 29 Nov 2017 20:18

Tgt Ion: 136 Resp: 277869

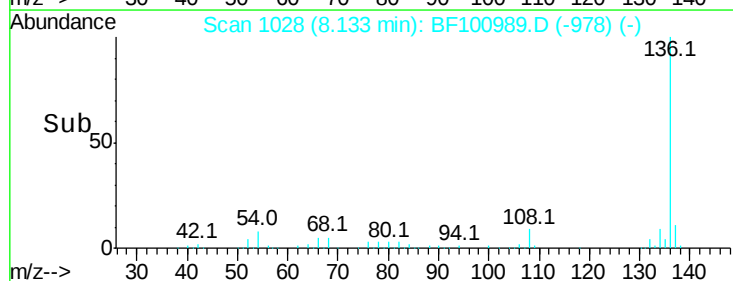
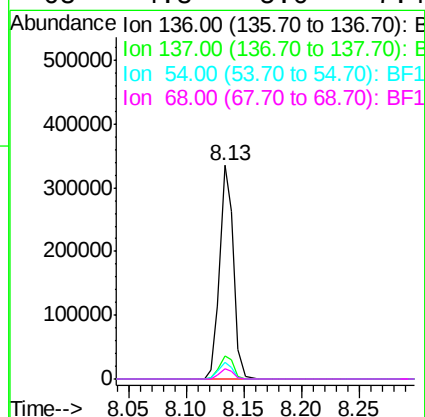
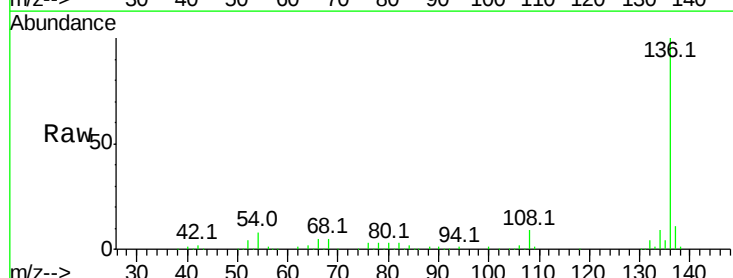
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.6 6.6 9.8

68 4.8 5.0 7.4#

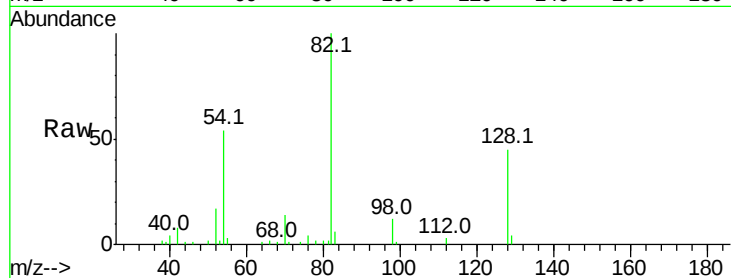




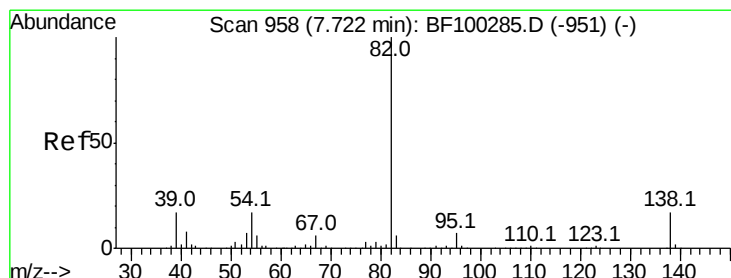
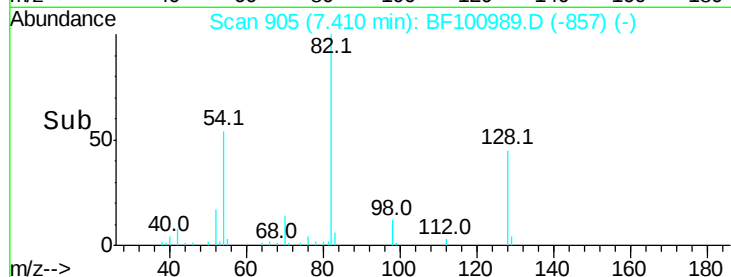
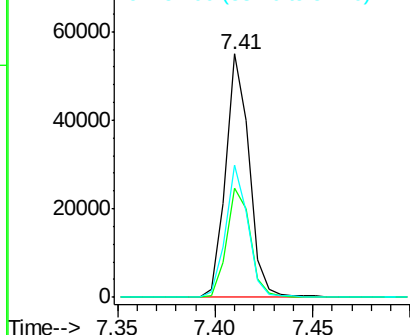
#23
Nitrobenzene-d5
Concen: 10.920 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF100989.D
Acq: 29 Nov 2017 20:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	45897
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	54.4	41.4	62.2

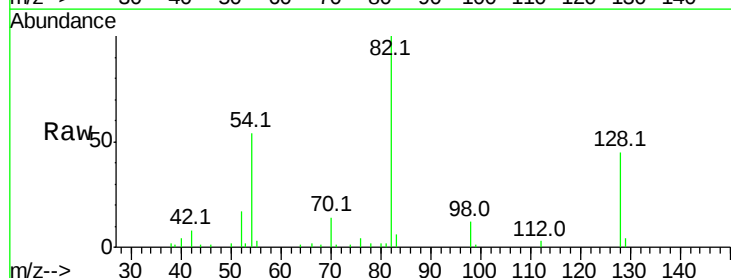


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

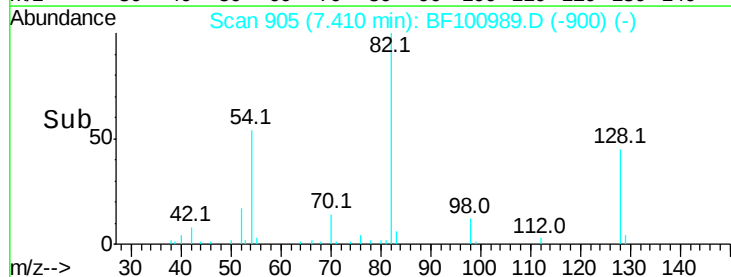
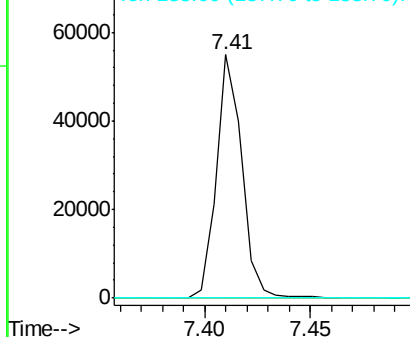


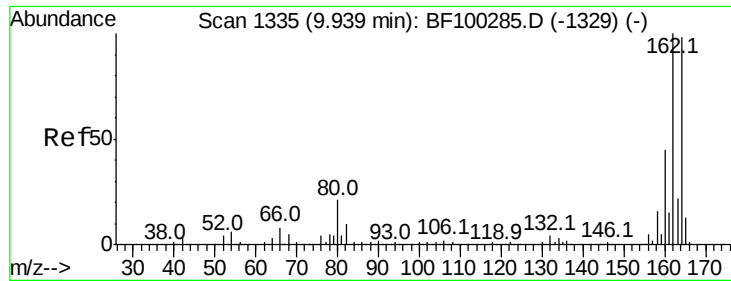
#25
Isophorone
Concen: 5.197 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.27 min
Lab File: BF100989.D
Acq: 29 Nov 2017 20:18

Tgt Ion	82	Resp	45896
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

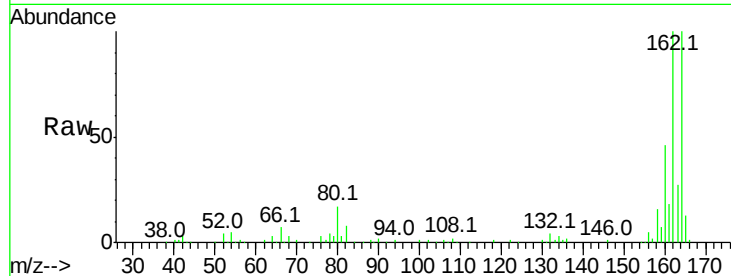




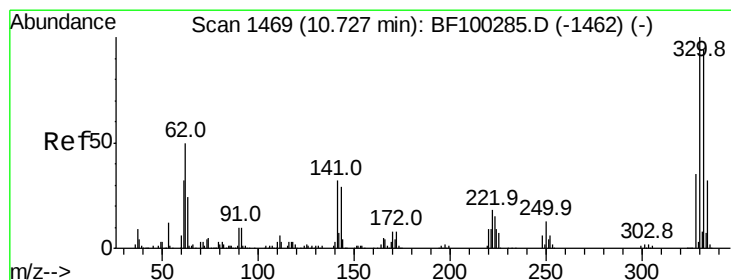
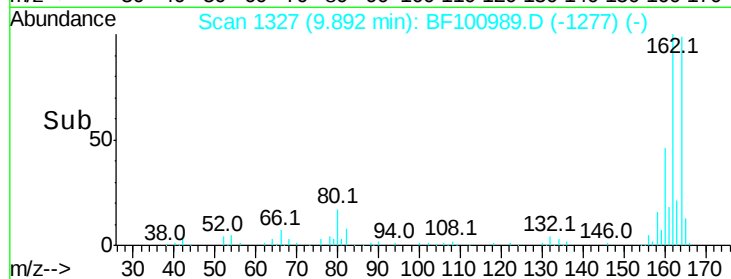
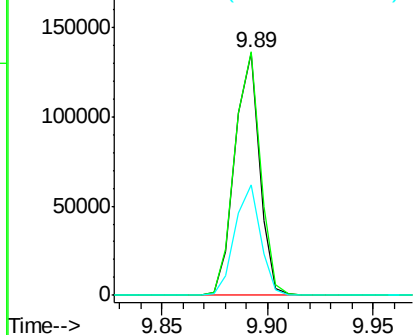
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF100989.D
 Acq: 29 Nov 2017 20:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 109743
 Ion Ratio Lower Upper
 164 100
 162 100.4 86.1 129.1
 160 45.7 38.3 57.5

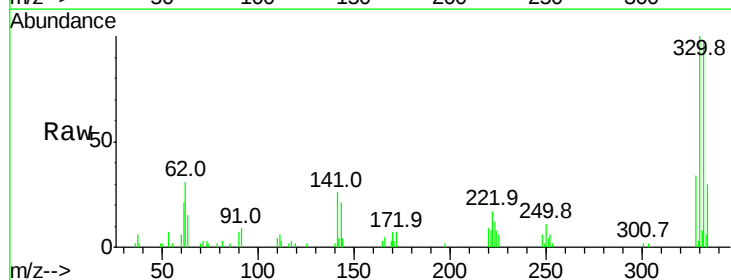


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

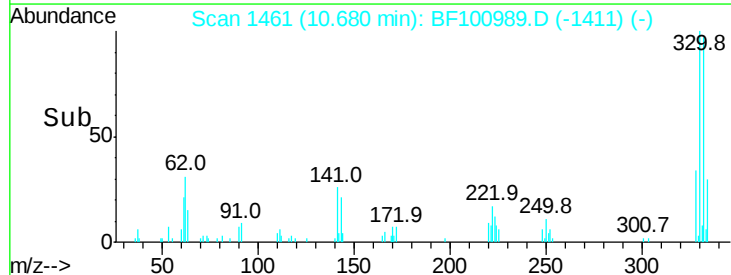
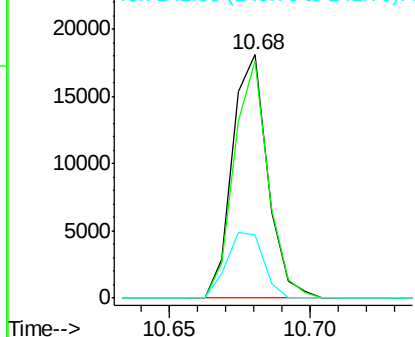


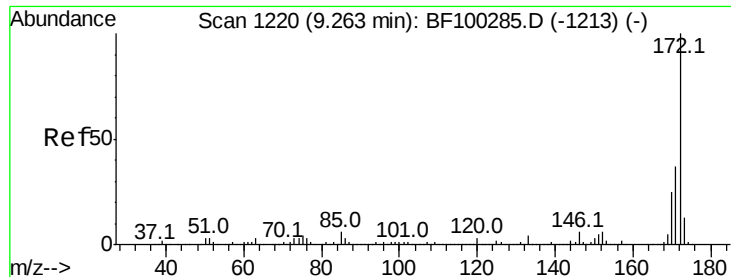
#41
 2,4,6-Tribromophenol
 Concen: 14.051 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100989.D
 Acq: 29 Nov 2017 20:18

Tgt Ion:330 Resp: 15713
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.0 115.6
 141 28.0 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

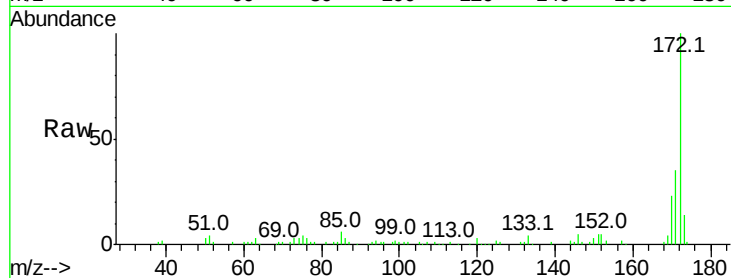




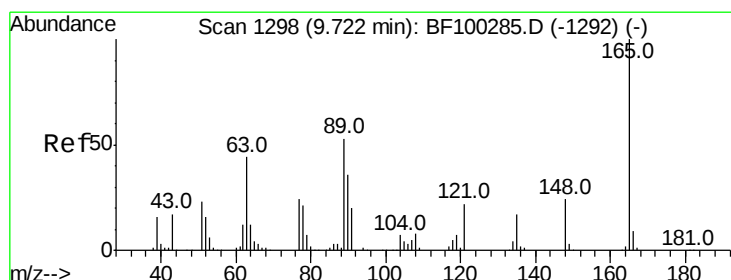
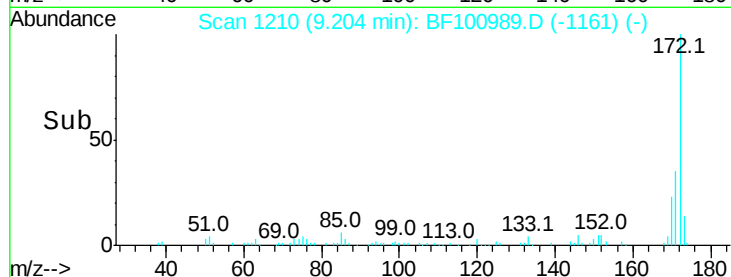
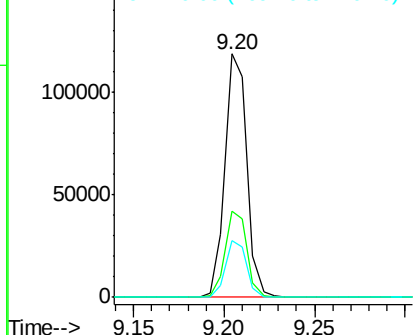
#44
 2-Fluorobiphenyl
 Concen: 13.912 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF100989.D
 Acq: 29 Nov 2017 20:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.4	19.6	29.4

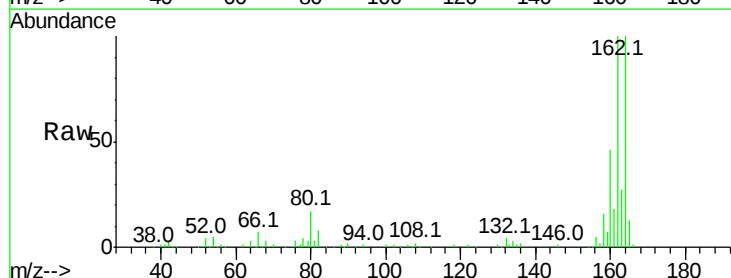


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

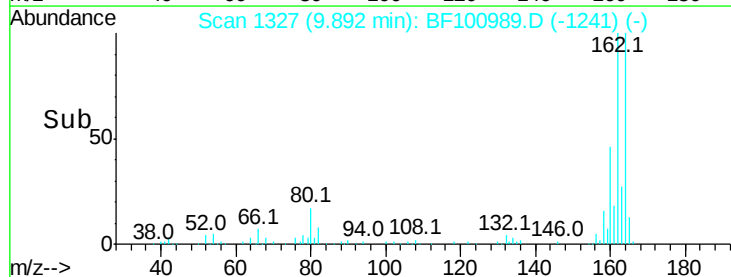
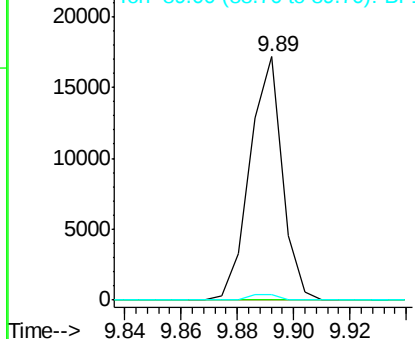


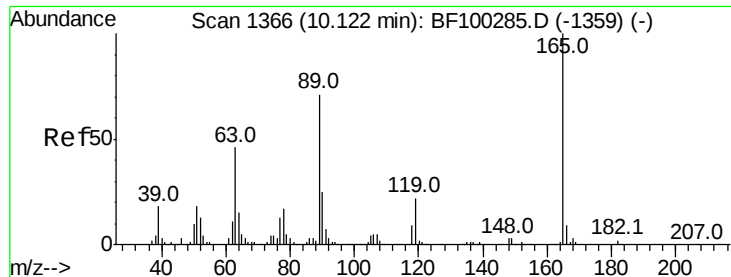
#50
 2,6-Dinitrotoluene
 Concen: 8.237 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF100989.D
 Acq: 29 Nov 2017 20:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	2.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

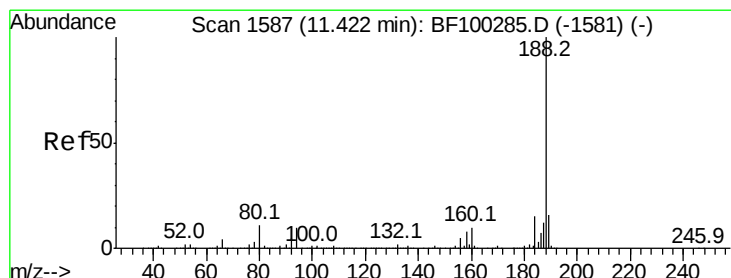
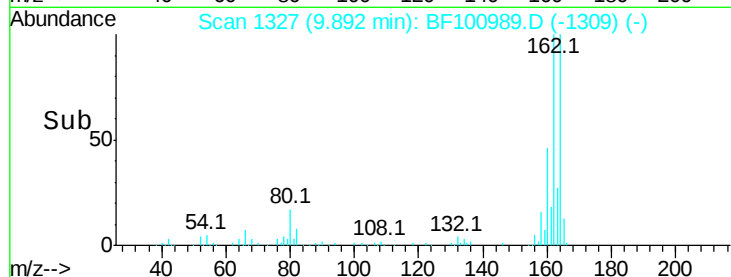
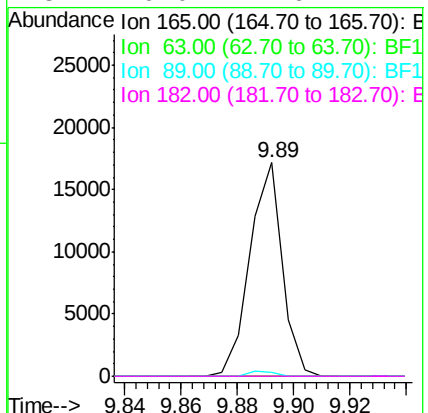
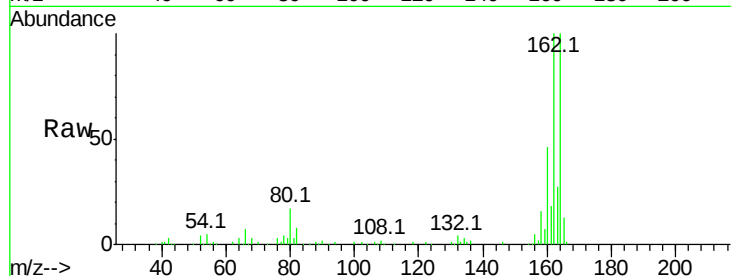




#56
 2,4-Dinitrotoluene
 Concen: 6.529 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100989.D
 Acq: 29 Nov 2017 20:18

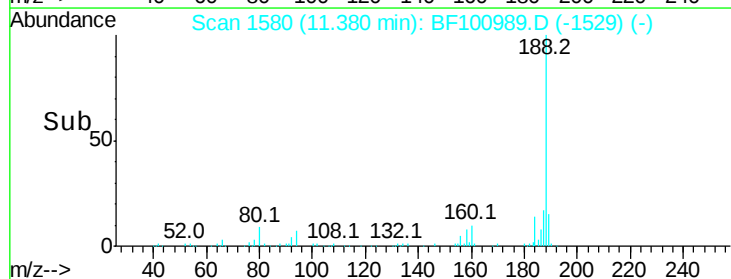
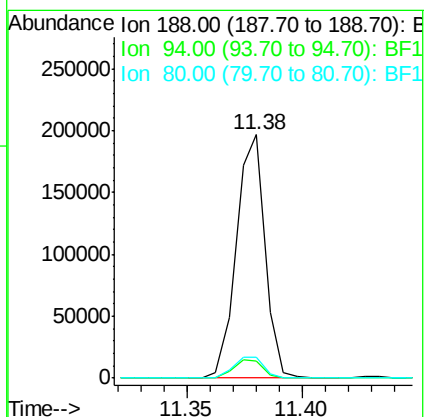
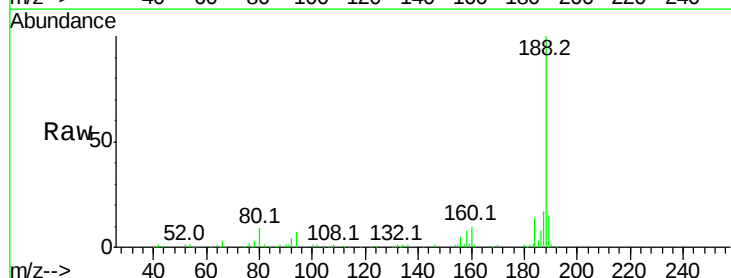
Instrument :
 BNA_F
 ClientSampled :

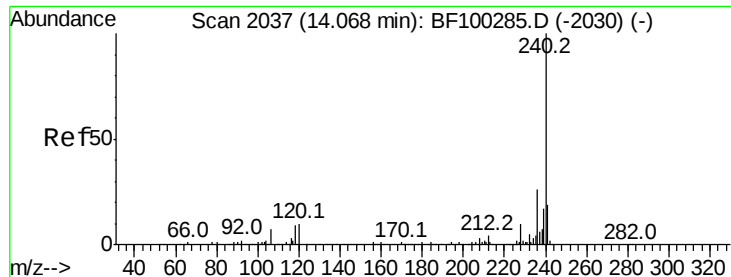
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BF100989.D
 Acq: 29 Nov 2017 20:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	8.5	12.7#
80	8.6	9.2	13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF100989.D

Acq: 29 Nov 2017 20:18

Instrument :

BNA_F

ClientSampleId :

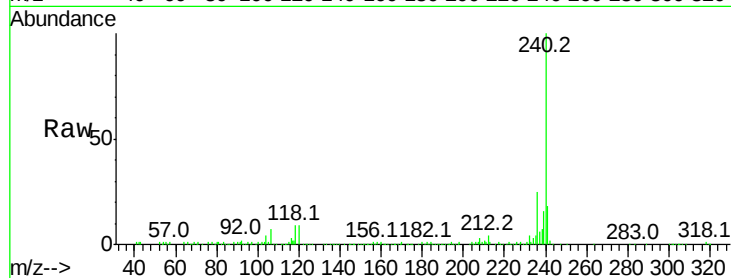
Tot Ion:240 Resp: 145491

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

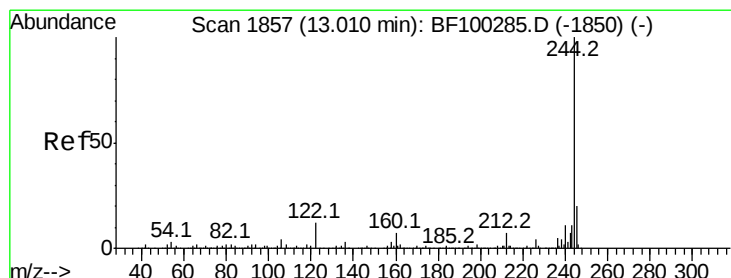
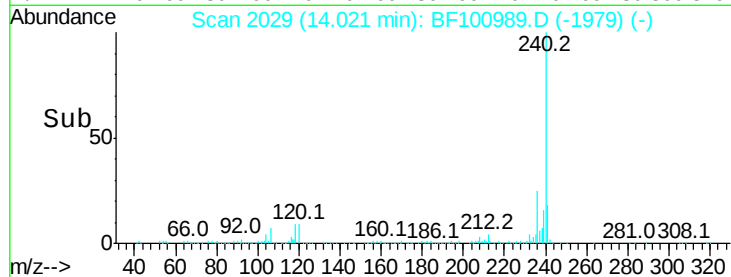
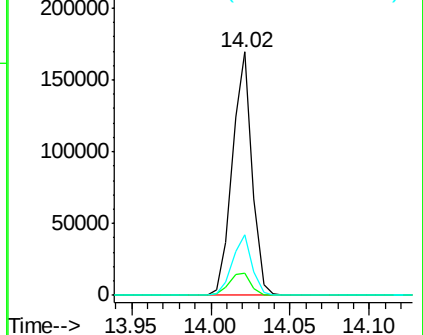
236 25.1 20.7 31.1



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: 11.106 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF100989.D

Acq: 29 Nov 2017 20:18

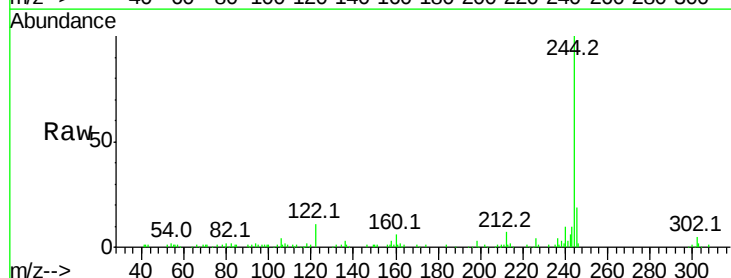
Tgt Ion:244 Resp: 70324

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

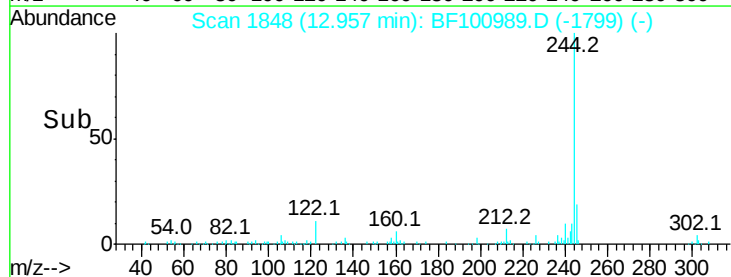
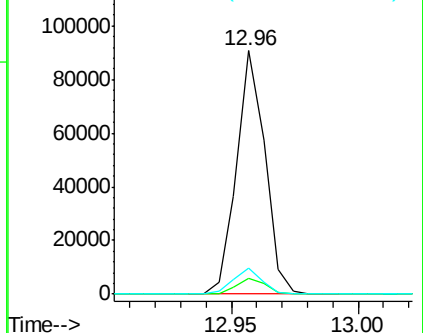
122 10.6 11.0 16.4#

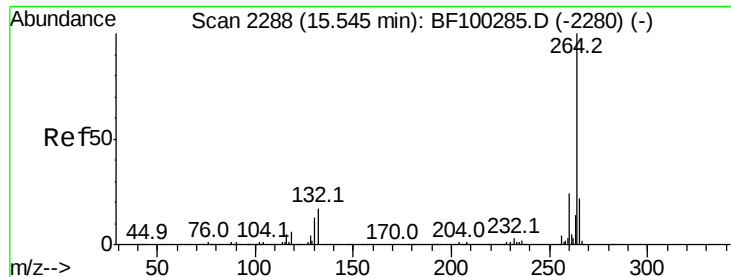


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

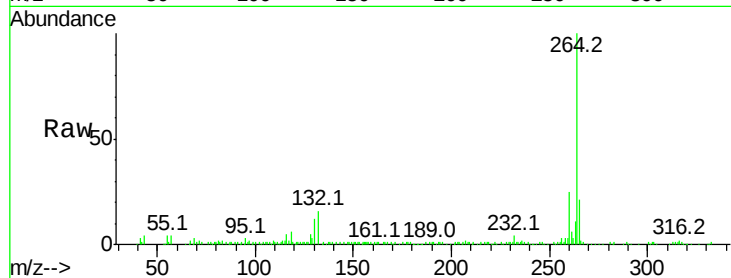




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BF100989.D
 Acq: 29 Nov 2017 20:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	108933
Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	20.9	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

