

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101169.D
 Acq On : 6 Dec 2017 15:57
 Operator : SJ/JU
 Sample : I6303-01 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-120417

Quant Time: Dec 06 18:04:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

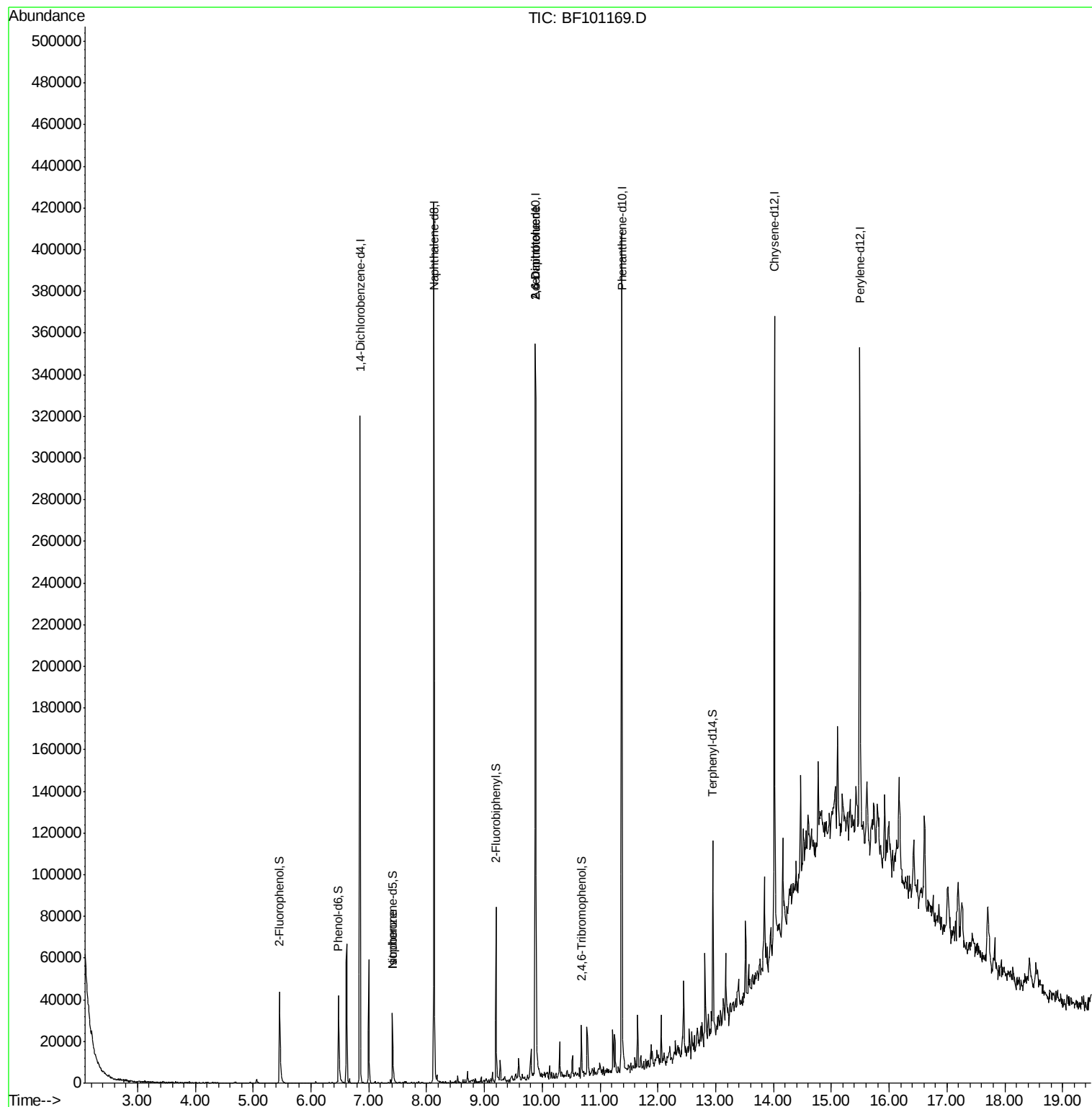
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	47970	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	184183	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	80356	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	146739	20.00	ng	0.00
75) Chrysene-d12	14.02	240	104673	20.00	ng	0.00
86) Perylene-d12	15.50	264	100285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	16736	5.77	ng	0.00
7) Phenol-d6	6.47	99	20534	5.83	ng	0.00
23) Nitrobenzene-d5	7.41	82	12465	4.04	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	4074	4.22	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	30633	5.22	ng	-0.01
78) Terphenyl-d14	12.95	244	26878	5.62	ng	-0.01
Target Compounds						
25) Isophorone	7.41	82	12465	2.364	ng	# 64
50) 2,6-Dinitrotoluene	9.88	165	9809	7.186	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	9809	5.362	ng	# 21

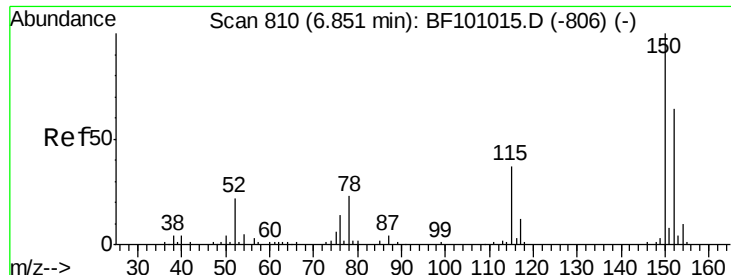
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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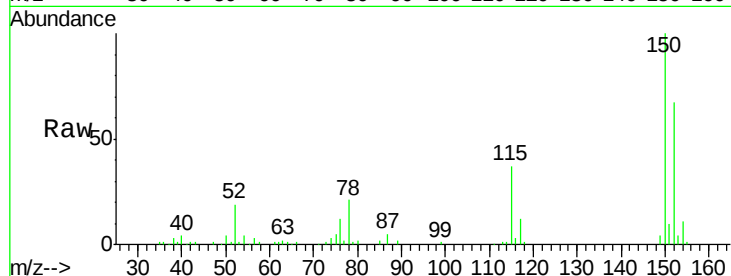




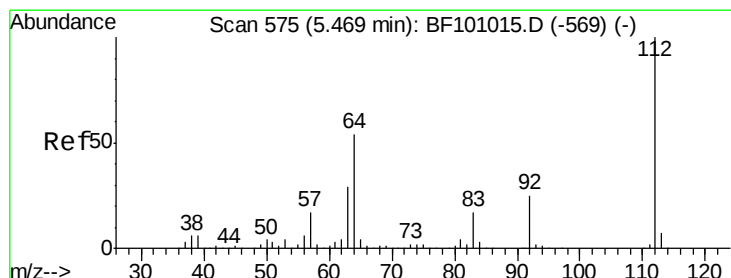
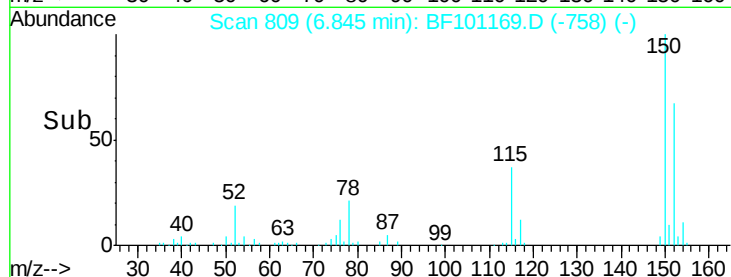
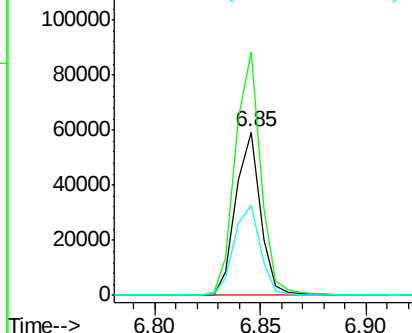
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF101169.D
 Acq: 6 Dec 2017 15:57

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-120417

Tot Ion:152 Resp: 47970
 Ion Ratio Lower Upper
 152 100
 150 149.2 124.6 186.8
 115 55.1 50.1 75.1

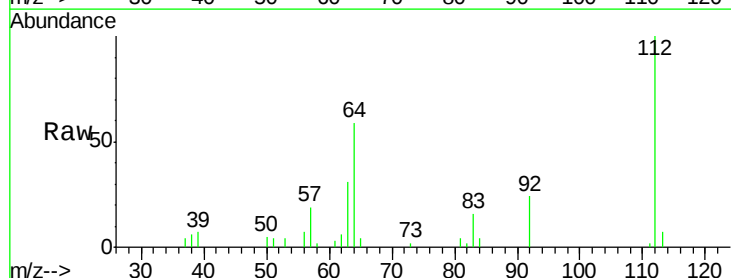


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

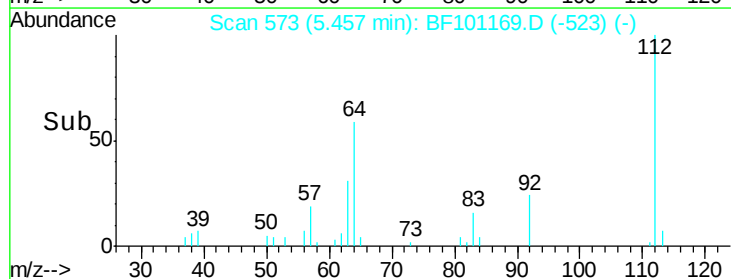
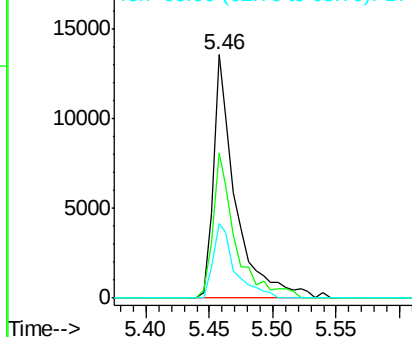


#5
 2-Fluorophenol
 Concen: 5.765 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF101169.D
 Acq: 6 Dec 2017 15:57

Tgt Ion:112 Resp: 16736
 Ion Ratio Lower Upper
 112 100
 64 59.4 47.9 71.9
 63 30.9 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: 5.826 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF101169.D

Acq: 6 Dec 2017 15:57

Instrument :

BNA_F

ClientSampleId :

HD-02-120417

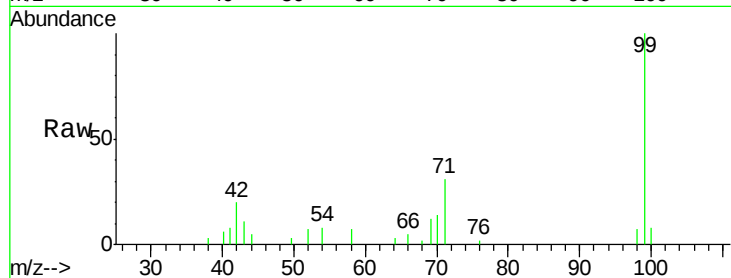
Tot Ion: 99 Resp: 20534

Ion Ratio Lower Upper

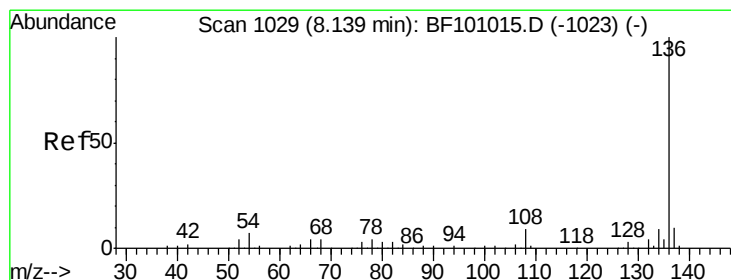
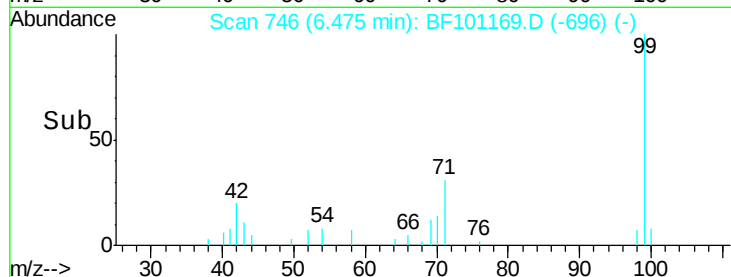
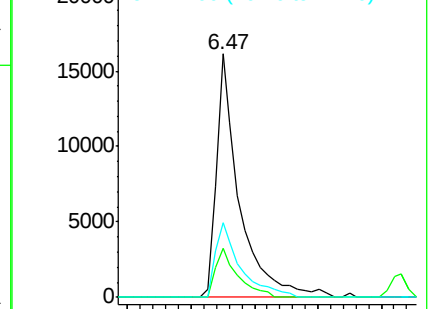
99 100

42 20.0 14.5 21.7

71 30.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101169.D

Acq: 6 Dec 2017 15:57

Tgt Ion: 136 Resp: 184183

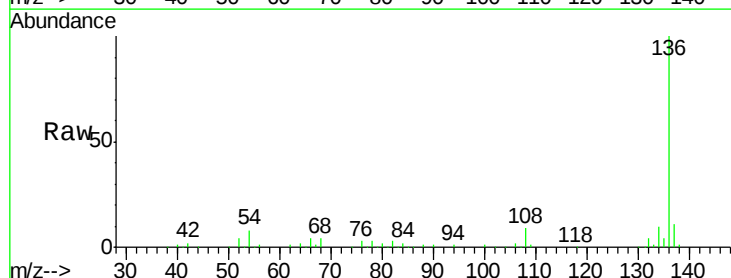
Ion Ratio Lower Upper

136 100

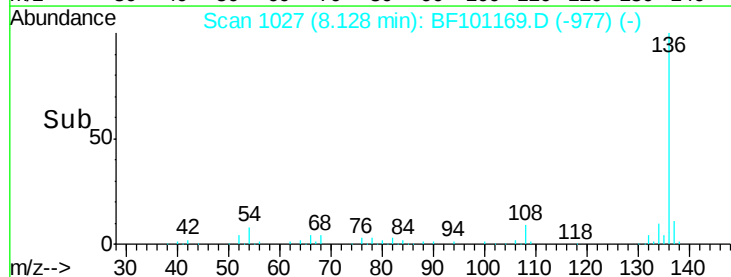
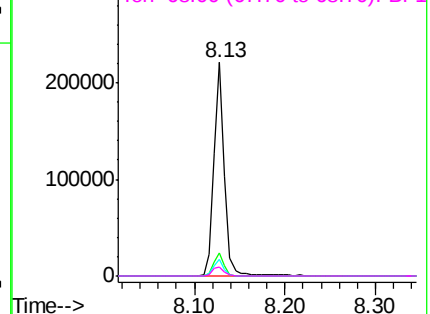
137 10.6 8.9 13.3

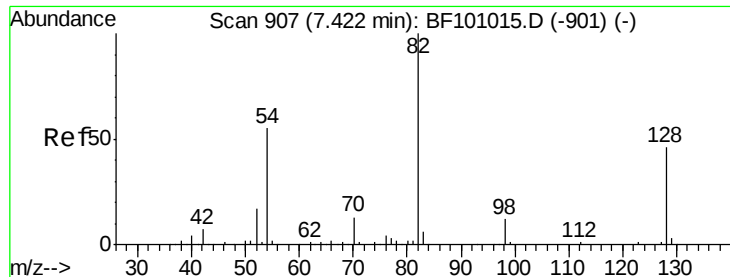
54 7.8 6.6 9.8

68 4.2 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

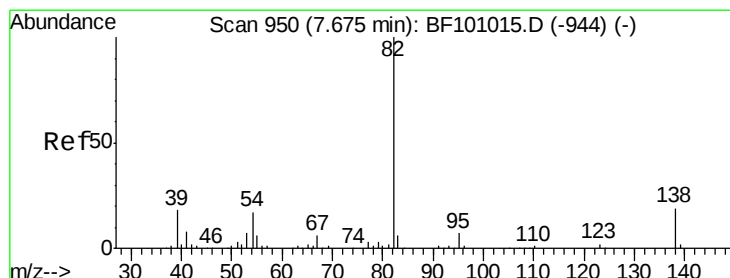
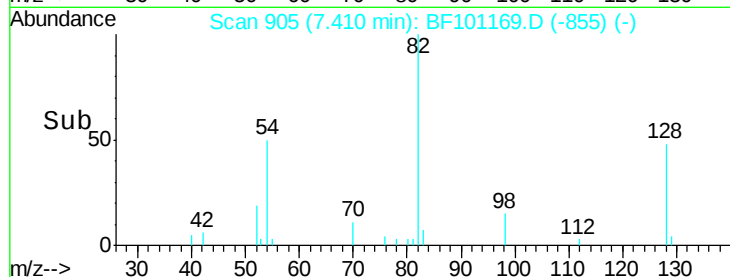
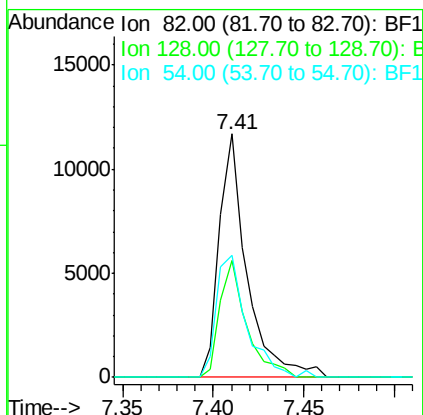
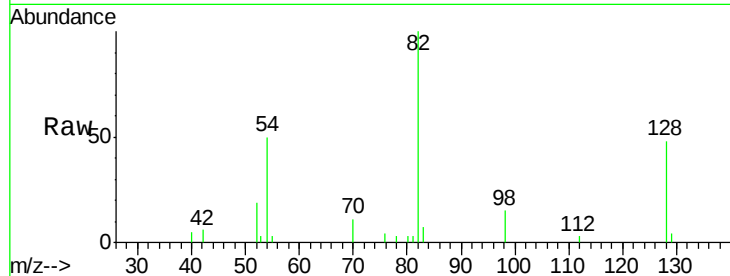




#23
Nitrobenzene-d5
Concen: 4.037 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101169.D
Acq: 6 Dec 2017 15:57

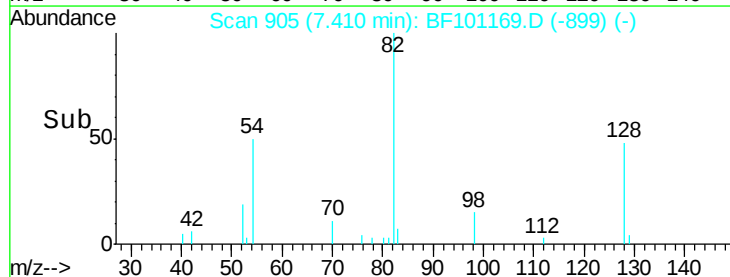
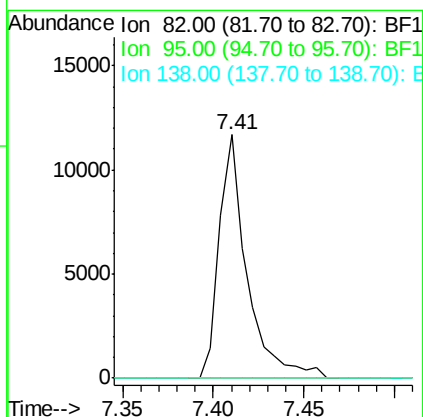
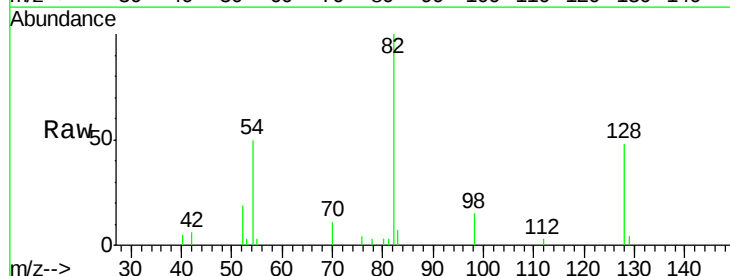
Instrument :
BNA_F
ClientSampleId :
HD-02-120417

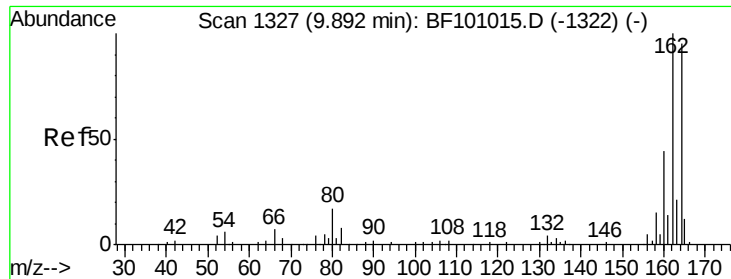
Tot Ion	82	Resp	12465
Ion Ratio	Lower	Upper	
82	100		
128	48.1	36.1	54.1
54	50.1	41.4	62.2



#25
Isophorone
Concen: 2.364 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101169.D
Acq: 6 Dec 2017 15:57

Tgt Ion	82	Resp	12465
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

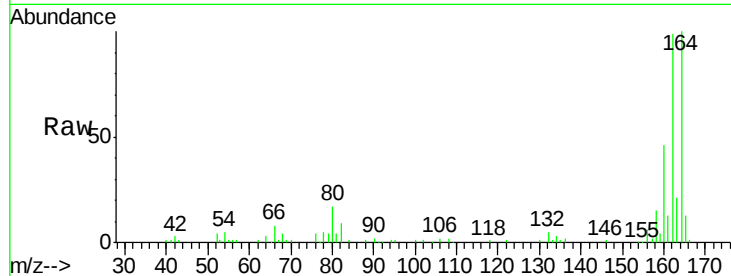




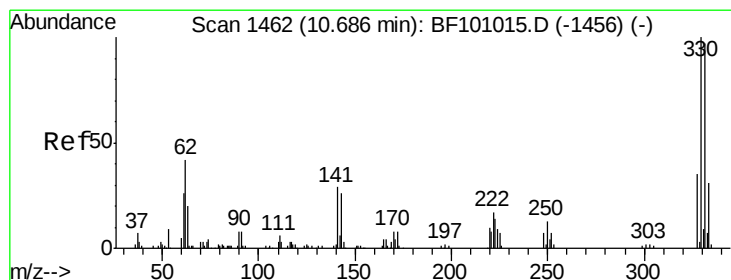
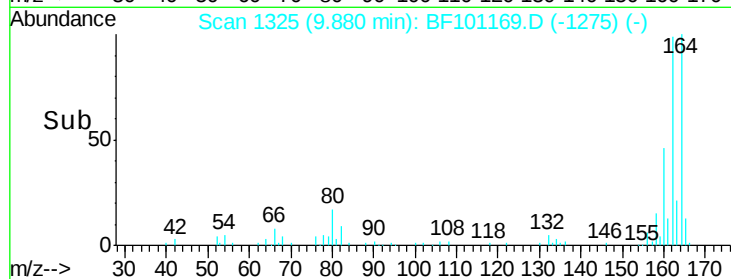
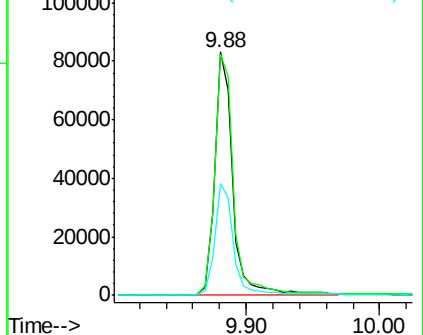
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF101169.D
 Acq: 6 Dec 2017 15:57

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-120417

Tot Ion:164 Resp: 80356
 Ion Ratio Lower Upper
 164 100
 162 99.2 86.1 129.1
 160 45.8 38.3 57.5

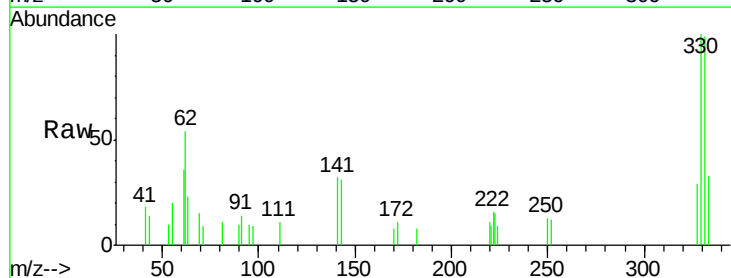


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

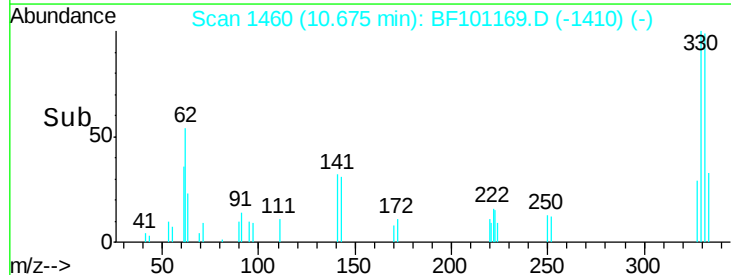
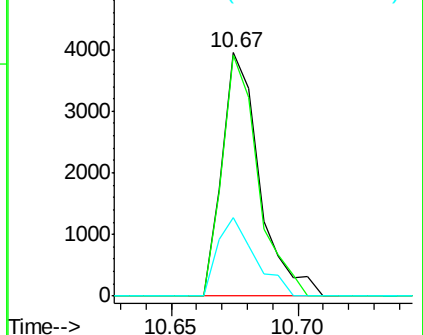


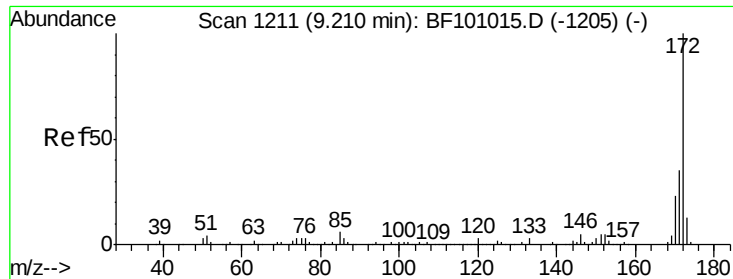
#41
 2,4,6-Tribromophenol
 Concen: 4.220 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101169.D
 Acq: 6 Dec 2017 15:57

Tgt Ion:330 Resp: 4074
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 32.2 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

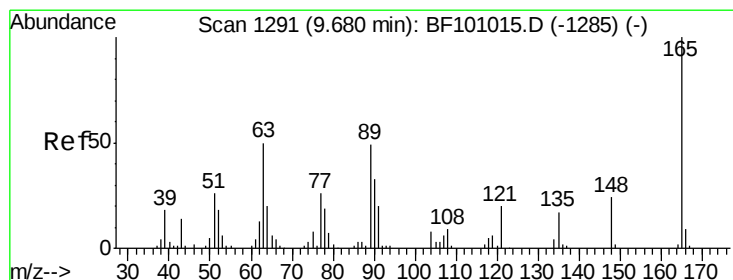
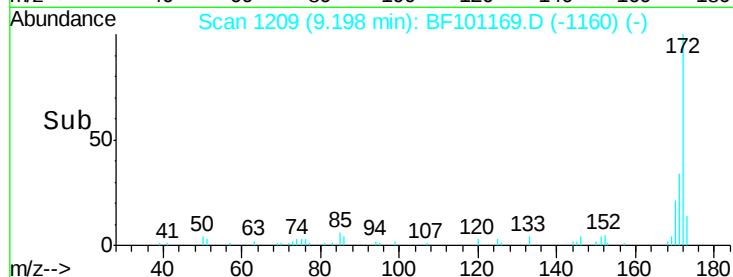
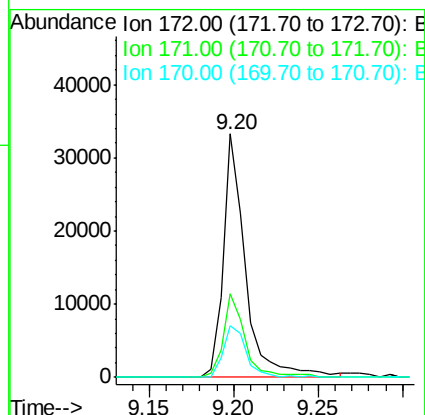
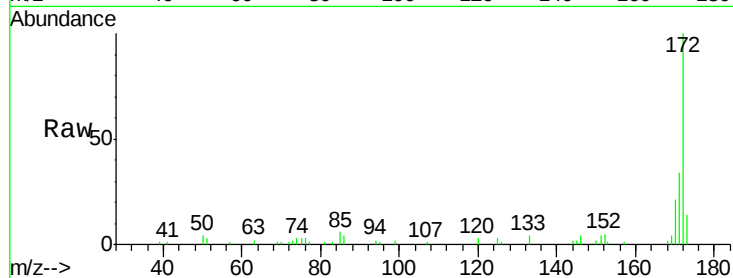




#44
 2-Fluorobiphenyl
 Concen: 5.216 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF101169.D
 Acq: 6 Dec 2017 15:57

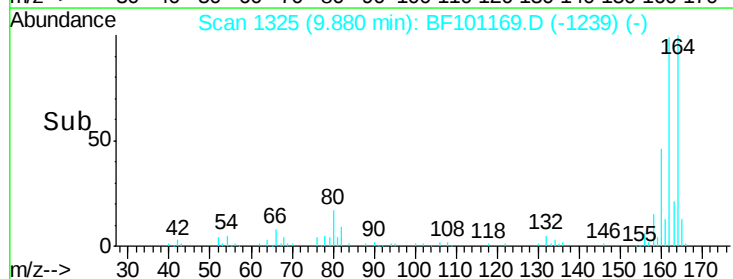
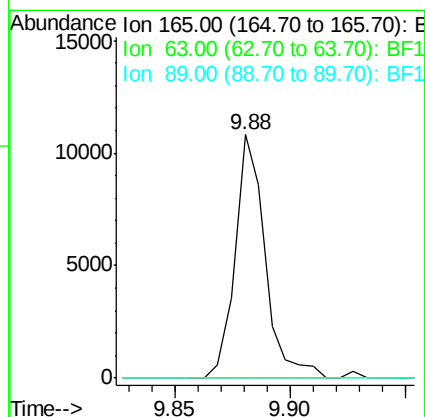
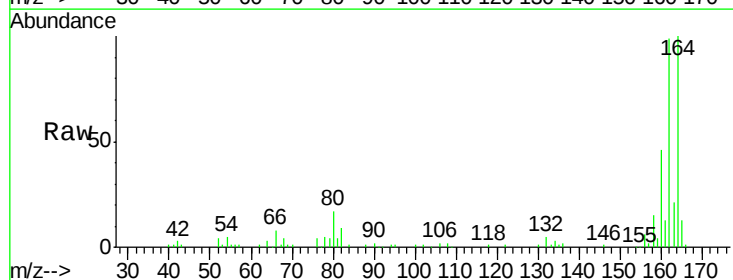
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-120417

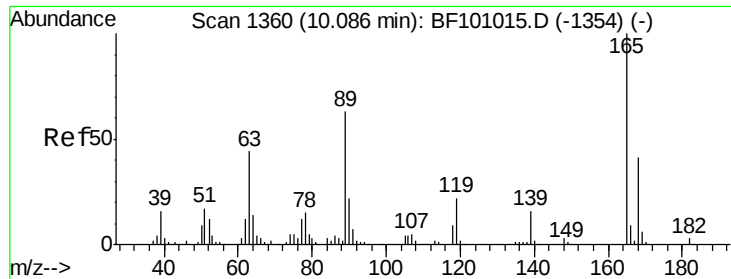
Tot Ion:172 Resp: 30633
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.7 44.5
 170 21.2 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.186 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF101169.D
 Acq: 6 Dec 2017 15:57

Tgt Ion:165 Resp: 9809
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

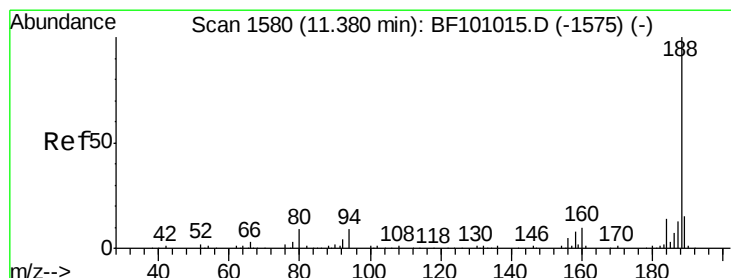
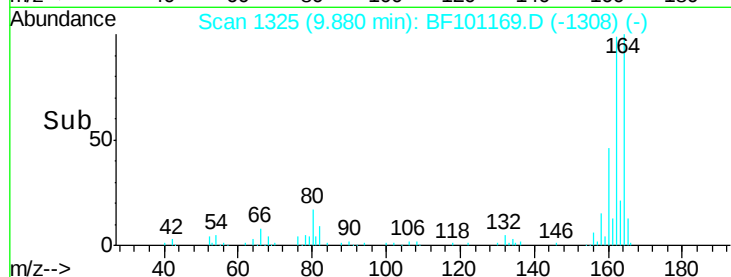
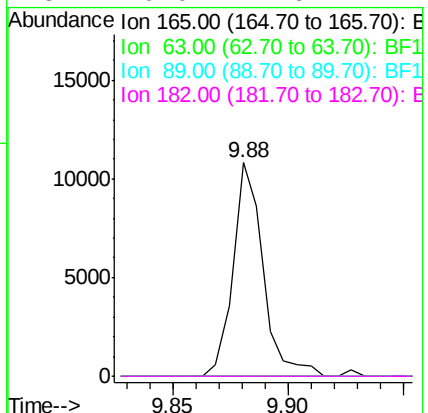
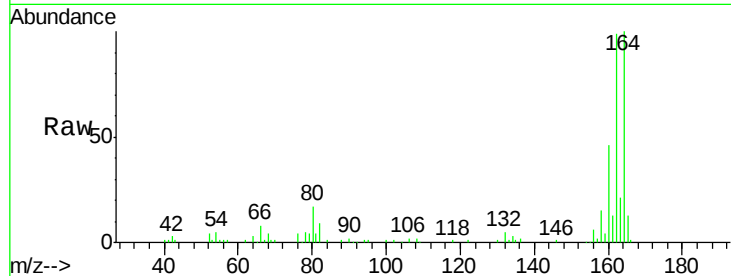




#56
 2,4-Dinitrotoluene
 Concen: 5.362 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF101169.D
 Acq: 6 Dec 2017 15:57

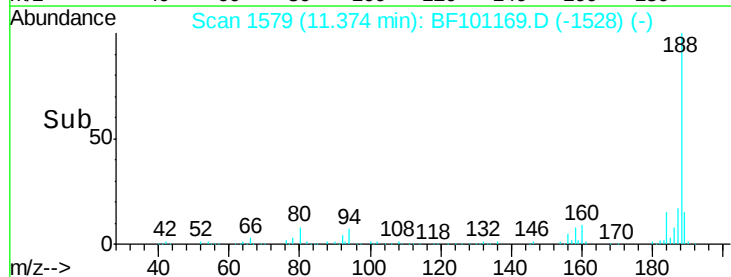
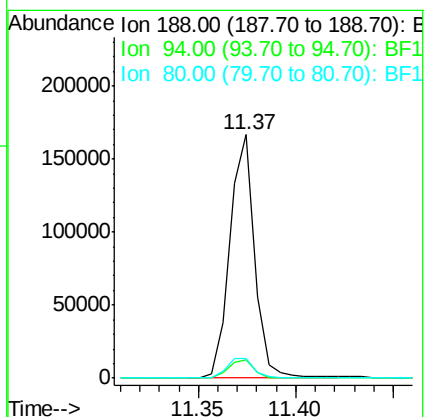
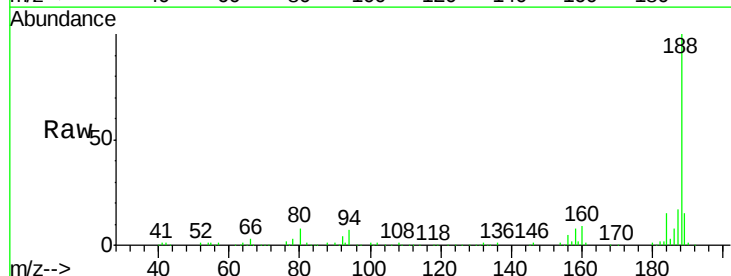
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-120417

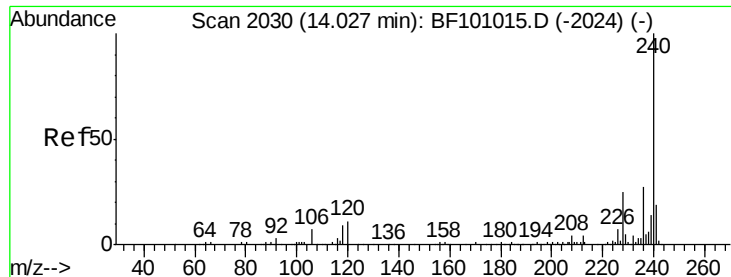
Tot Ion:165	Resp:	9809
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101169.D
 Acq: 6 Dec 2017 15:57

Tgt Ion:188	Resp:	146739
Ion Ratio	Lower	Upper
188	100	
94	7.3	8.5 12.7#
80	7.9	9.2 13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF101169.D

Acq: 6 Dec 2017 15:57

Instrument :

BNA_F

ClientSampleId :

HD-02-120417

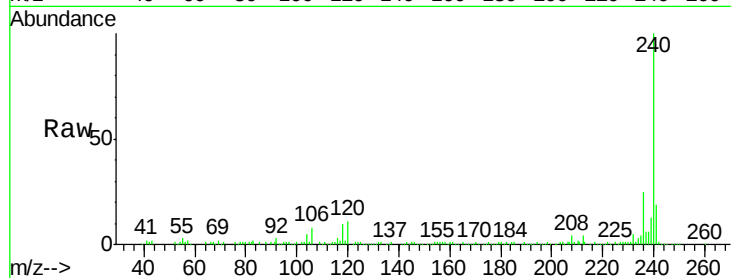
Tot Ion:240 Resp: 104673

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

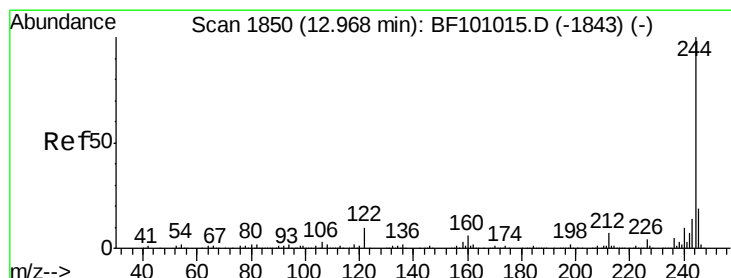
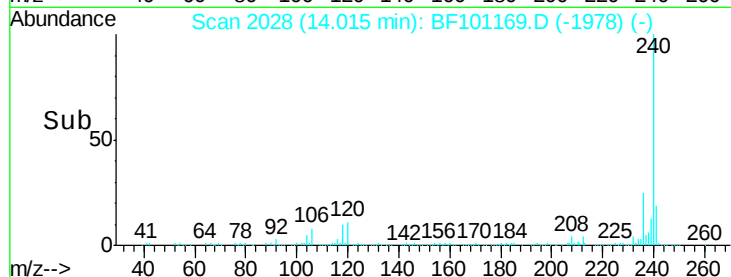
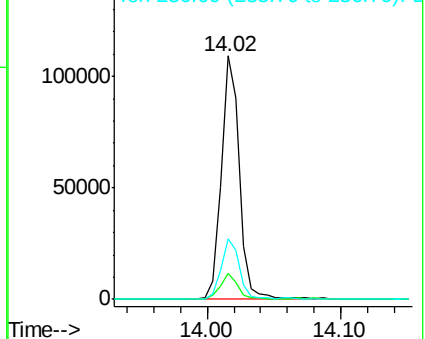
236 24.8 20.7 31.1



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: 5.616 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF101169.D

Acq: 6 Dec 2017 15:57

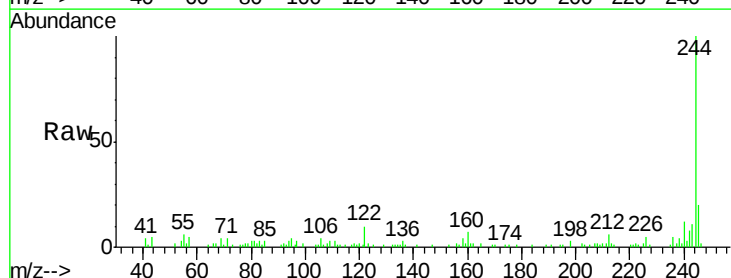
Tgt Ion:244 Resp: 26878

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

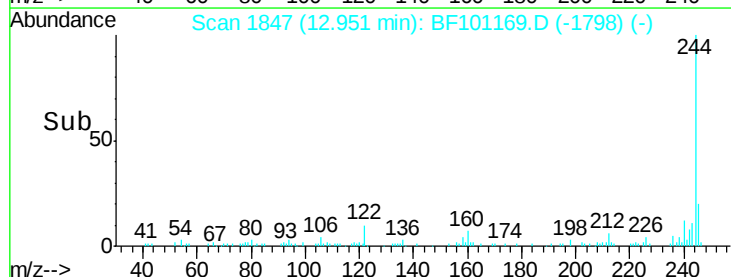
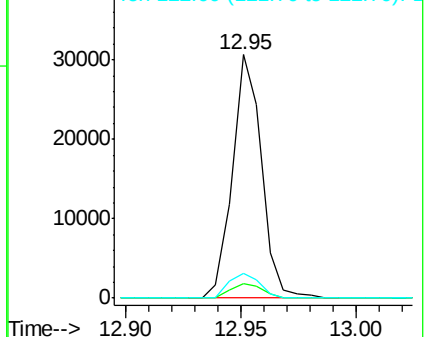
122 10.3 11.0 16.4#

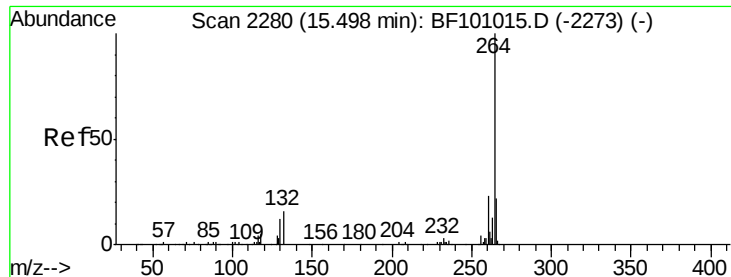


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF101169.D
Acq: 6 Dec 2017 15:57

Instrument :
BNA_F
ClientSampleId :
HD-02-120417

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.9	17.5	26.3

