

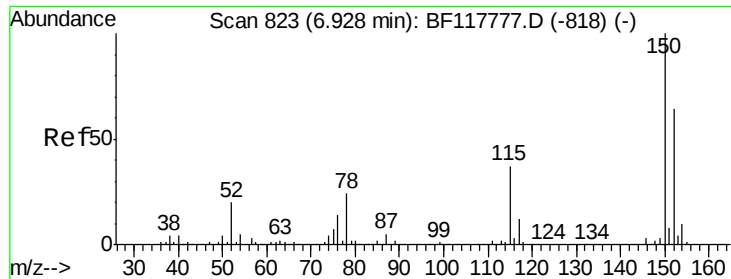
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
 Data File : BF117922.D
 Acq On : 21 Nov 2019 19:43
 Operator : JU
 Sample : K5927-08 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-6A

Quant Time: Nov 22 00:24:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	149452	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	621380	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	319549	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	577692	20.00	ng	-0.01
76) Chrysene-d12	14.11	240	386313	20.00	ng	0.00
87) Perylene-d12	15.62	264	423019	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	425751	50.43	ng	-0.01
7) Phenol-d6	6.53	99	555892	54.59	ng	-0.01
23) Nitrobenzene-d5	7.47	82	327122	31.29	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	140427	41.51	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	711879	39.97	ng	-0.01
79) Terphenyl-d14	13.05	244	678980	32.12	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.53	77	870	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	7.47	70	43092	6.859 ng	#	1
25) Isophorone	7.47	82	327119	17.074 ng	#	74
50) Dimethylphthalate	9.67	163	133213	5.945 ng	#	62
57) 2,4-Dinitrotoluene	9.97	165	42002	6.742 ng	#	97
75) Fluoranthene	12.67	202	5790	Below Cal	#	24
						91

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

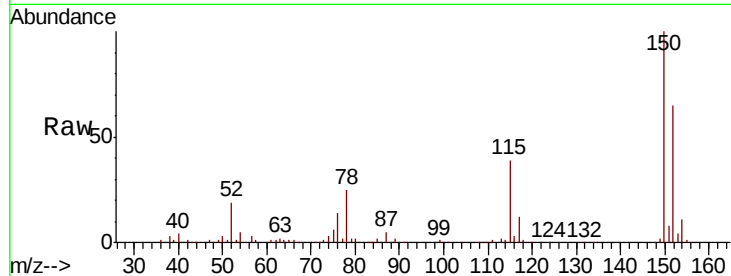


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF117922.D
 Acq: 21 Nov 2019 19:43

Instrument :
 BNA_F
 ClientSampleId :
 B-6A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.3	187.9
115	59.7	47.0	70.4

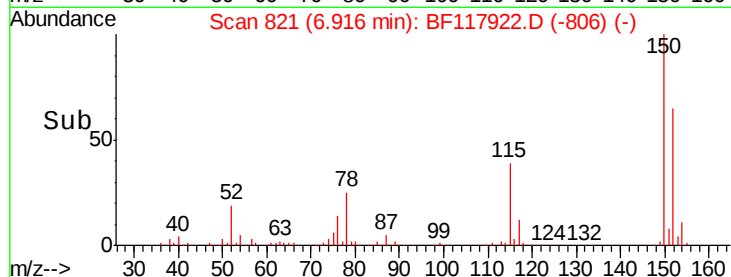
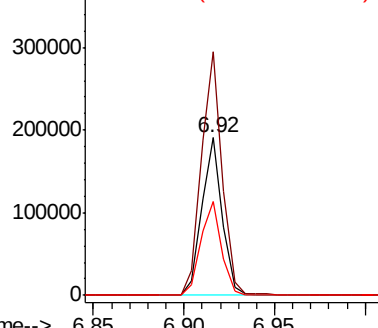


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

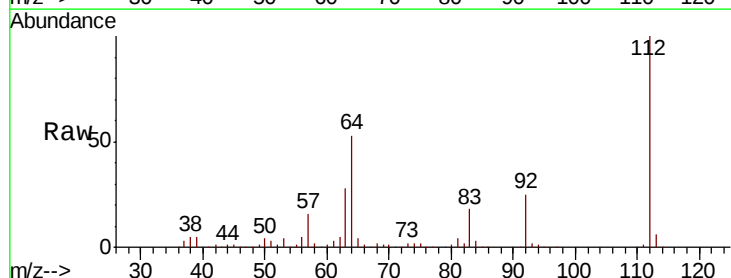
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 50.426 ng
 RT: 5.52 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF117922.D
 Acq: 21 Nov 2019 19:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	45.6	68.4
63	27.8	24.1	36.1

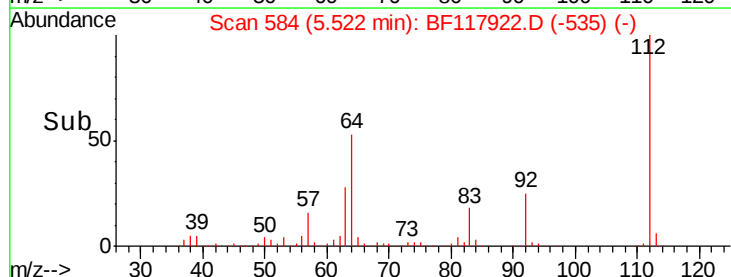
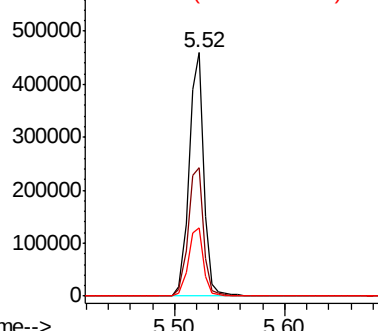


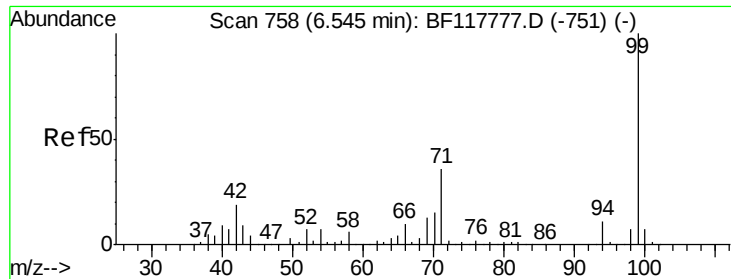
Abundance

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: 54.586 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117922.D

Acq: 21 Nov 2019 19:43

Instrument :

BNA_F

ClientSampleId :

B-6A

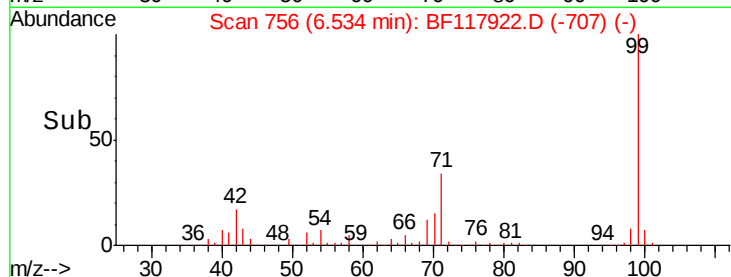
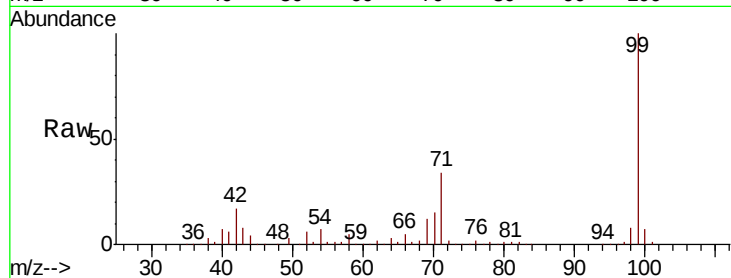
Tot Ion: 99 Resp: 555892

Ion Ratio Lower Upper

99 100

42 16.8 14.9 22.3

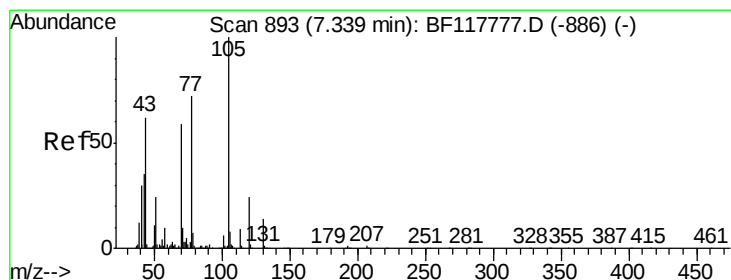
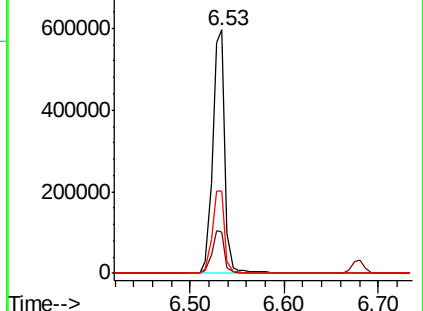
71 33.6 28.6 43.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.859 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF117922.D

Acq: 21 Nov 2019 19:43

Tgt Ion: 70 Resp: 43092

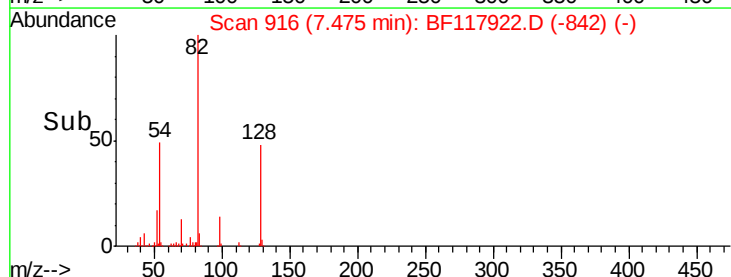
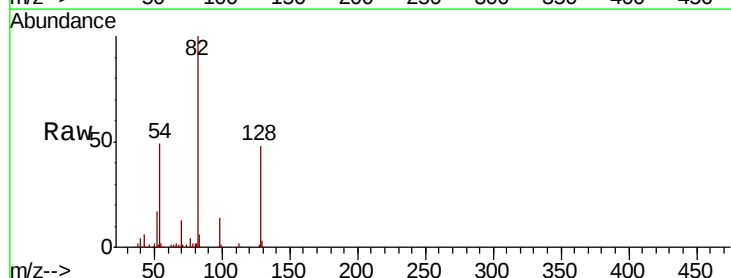
Ion Ratio Lower Upper

70 100

42 45.2 47.4 71.2#

101 0.0 8.4 12.6#

130 2.6 18.8 28.2#

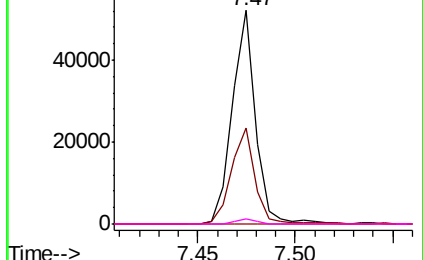


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

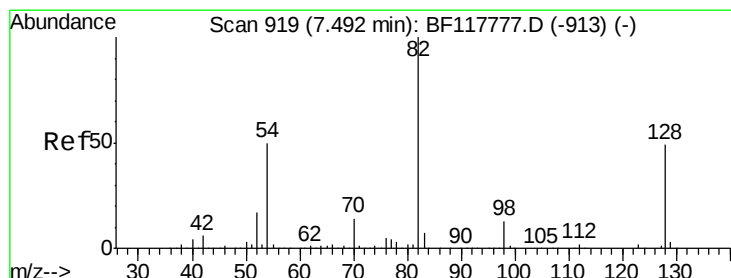
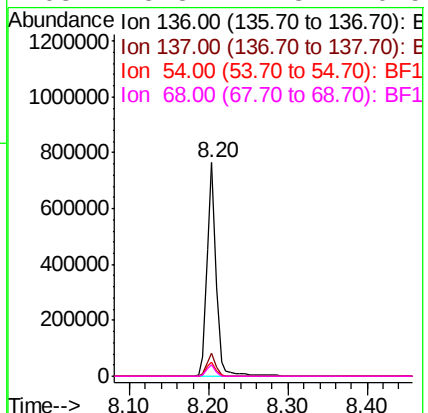
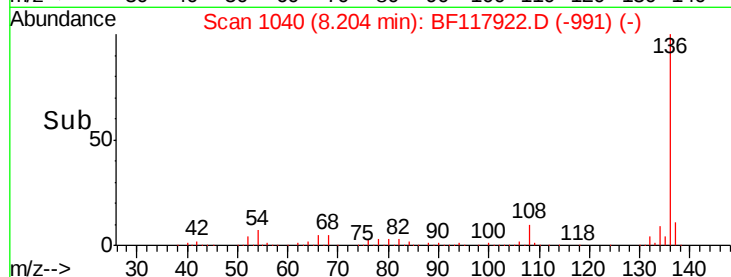
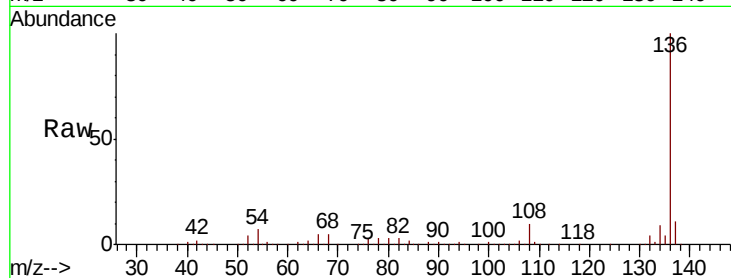




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117922.D
Acq: 21 Nov 2019 19:43

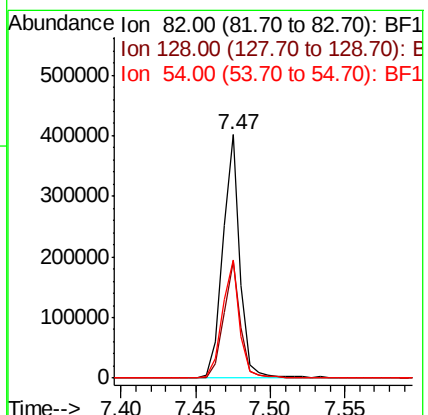
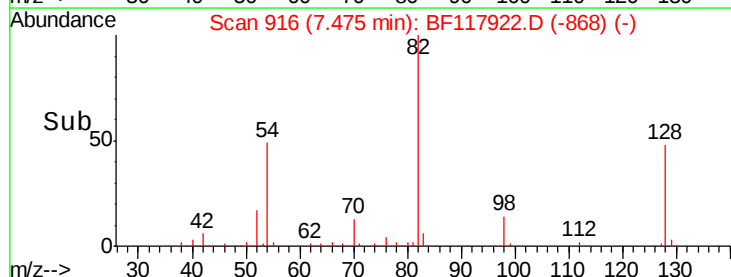
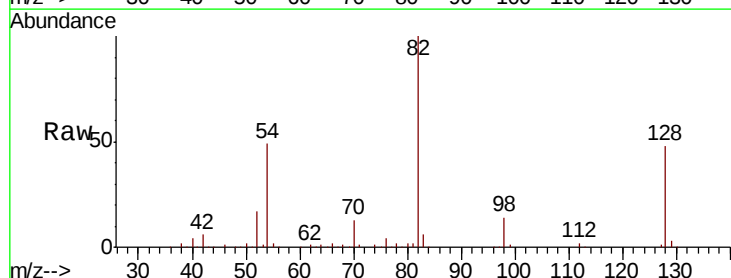
Instrument :
BNA_F
ClientSampleId :
B-6A

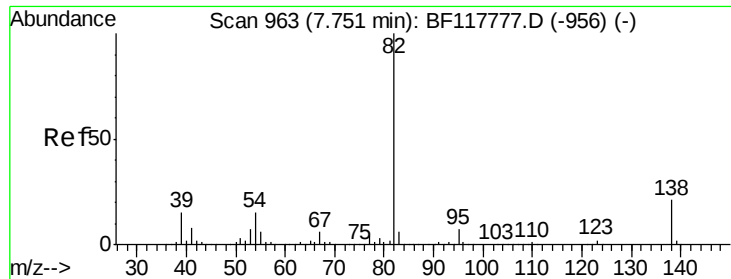
Tot Ion:136	Resp: 621380
Ion Ratio	Lower Upper
136 100	
137 10.8	9.0 13.4
54 6.9	5.4 8.2
68 5.3	4.3 6.5



#23
Nitrobenzene-d5
Concen: 31.295 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117922.D
Acq: 21 Nov 2019 19:43

Tgt Ion: 82	Resp: 327122
Ion Ratio	Lower Upper
82 100	
128 47.9	38.9 58.3
54 48.6	39.8 59.6

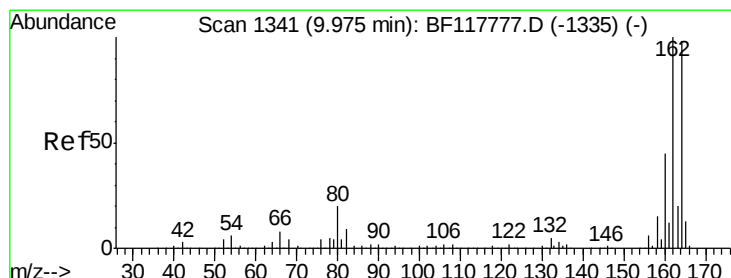
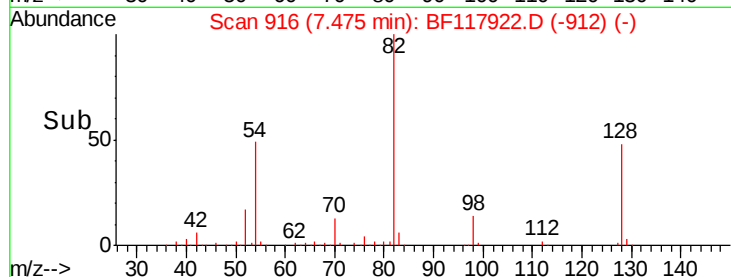
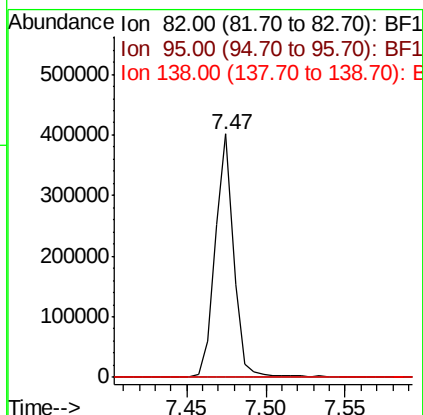
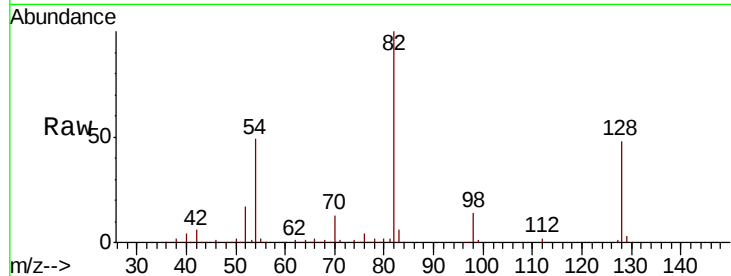




#25
Isophorone
Concen: 17.074 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.28 min
Lab File: BF117922.D
Acq: 21 Nov 2019 19:43

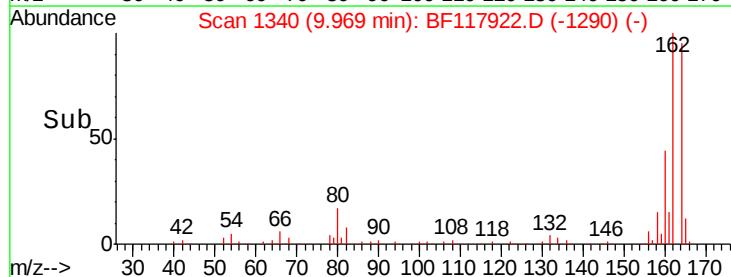
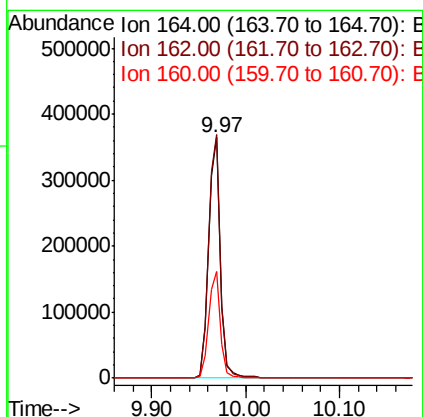
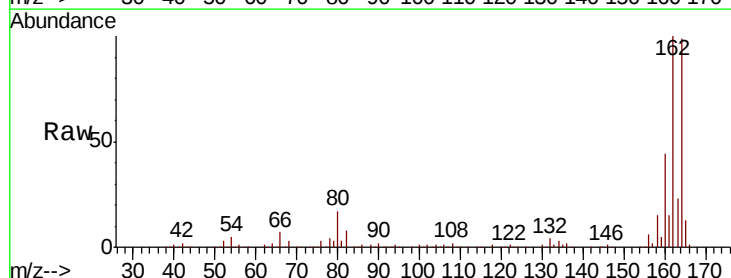
Instrument :
BNA_F
ClientSampled :
B-6A

Tot Ion: 82 Resp: 327119
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.5 24.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117922.D
Acq: 21 Nov 2019 19:43

Tgt Ion: 164 Resp: 319549
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 44.3 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 41.509 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF117922.D

Acq: 21 Nov 2019 19:43

Instrument :

BNA_F

ClientSampleId :

B-6A

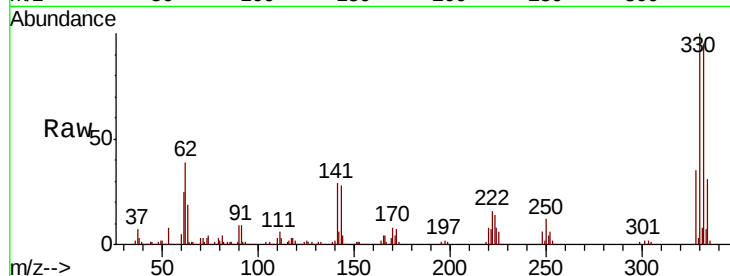
Tot Ion:330 Resp: 140427

Ion Ratio Lower Upper

330 100

332 95.9 76.7 115.1

141 34.2 27.7 41.5

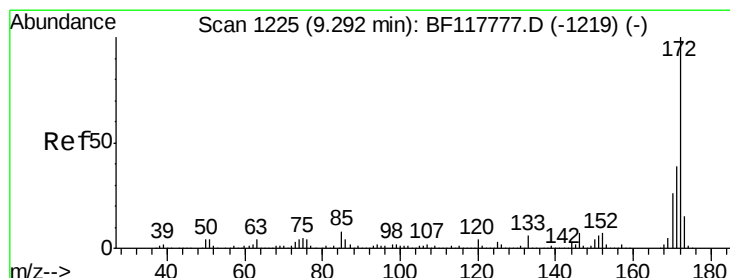
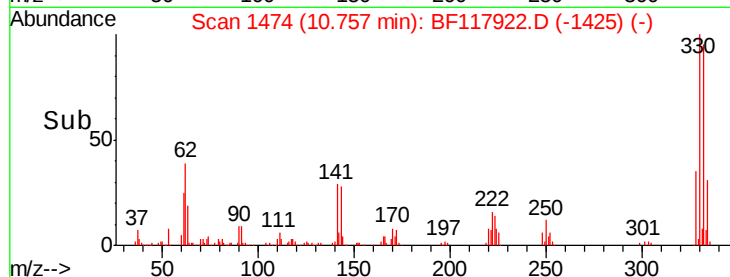
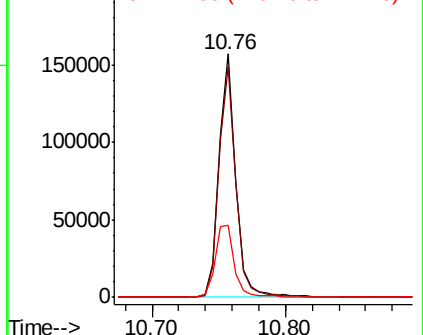


Abundance

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



#45

2-Fluorobiphenyl

Concen: 39.967 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF117922.D

Acq: 21 Nov 2019 19:43

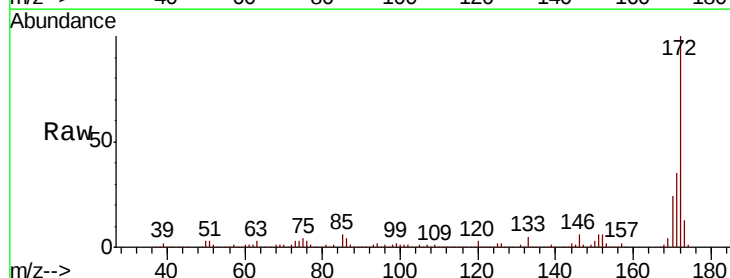
Tgt Ion:172 Resp: 711879

Ion Ratio Lower Upper

172 100

171 35.4 30.9 46.3

170 23.5 21.0 31.4

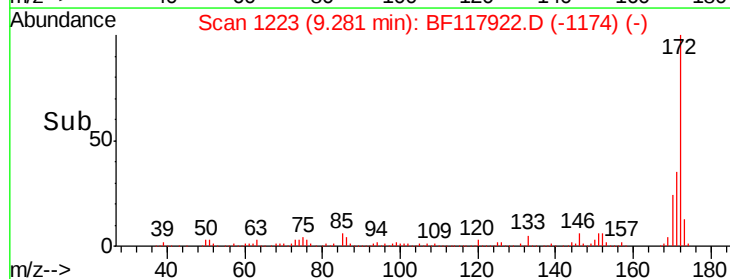
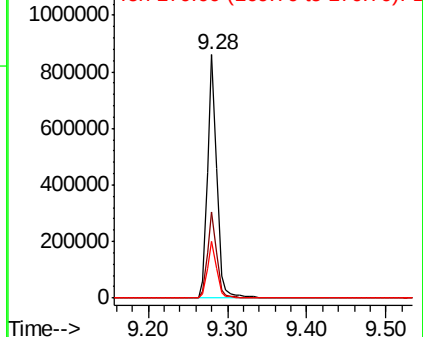


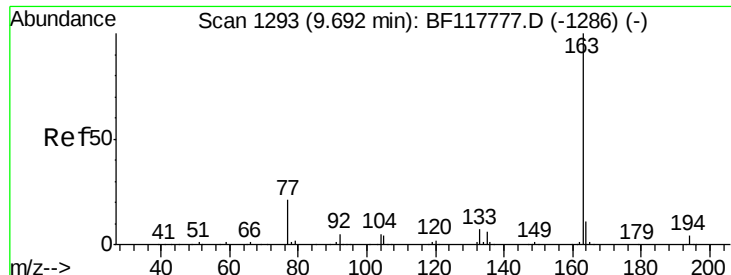
Abundance

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

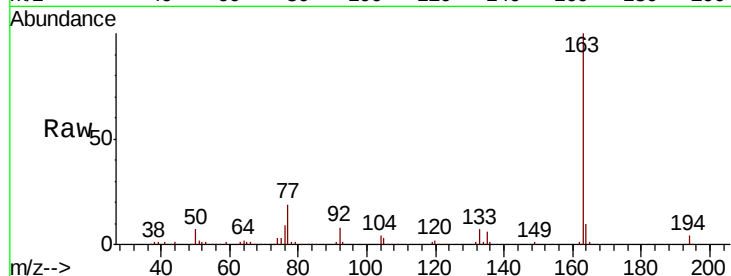




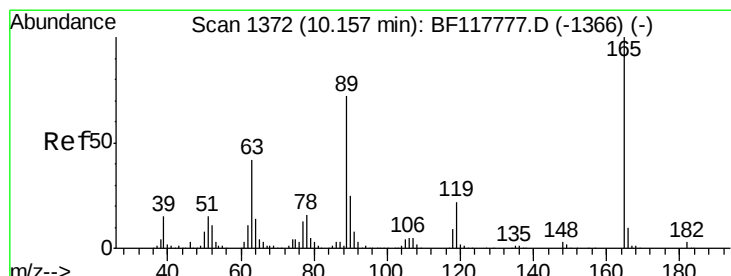
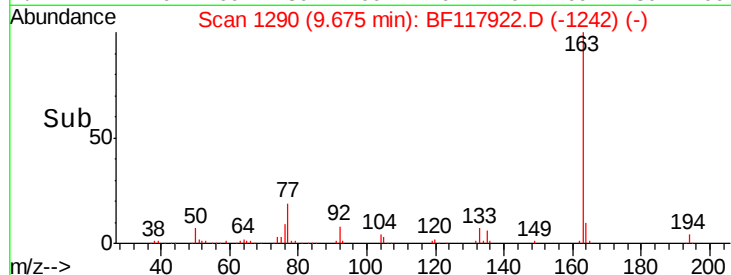
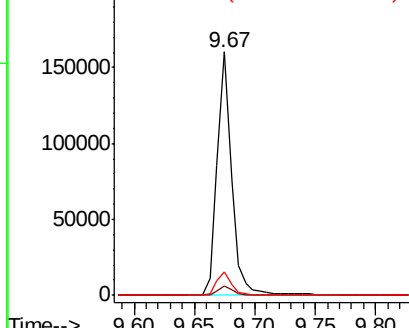
#50
Dimethylphthalate
Concen: 5.945 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117922.D
Acq: 21 Nov 2019 19:43

Instrument :
BNA_F
ClientSampleId :
B-6A

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	9.6	8.7	13.1



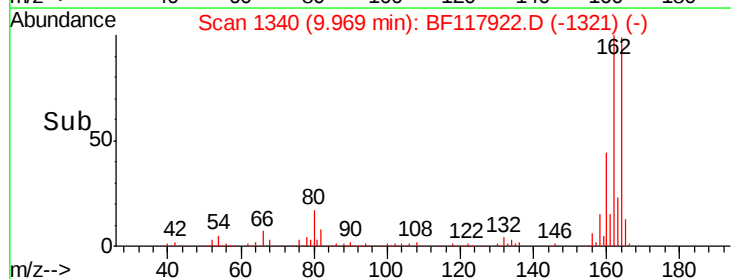
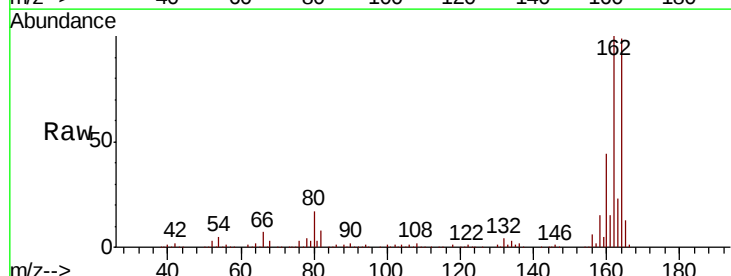
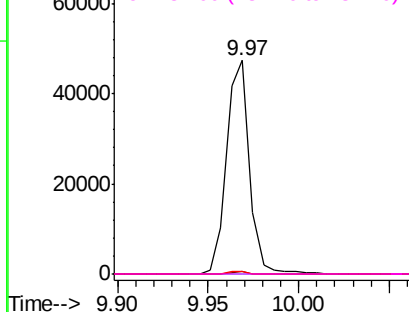
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

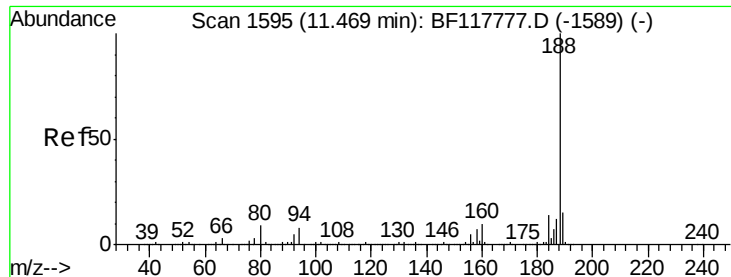


#57
2,4-Dinitrotoluene
Concen: 6.742 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.19 min
Lab File: BF117922.D
Acq: 21 Nov 2019 19:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.7	50.5#
89	1.5	57.3	85.9#
182	0.0	2.3	3.5#

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
Ion 182.00 (181.70 to 182.70): E

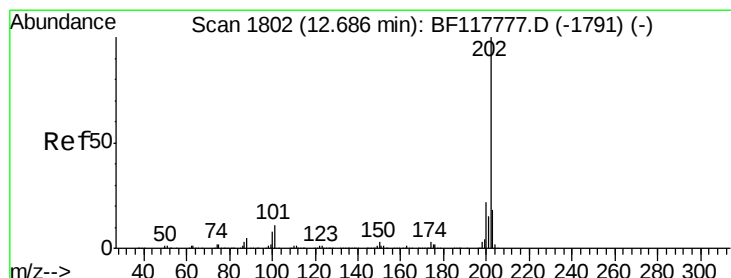
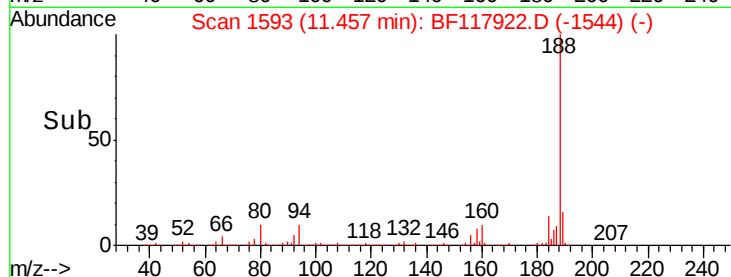
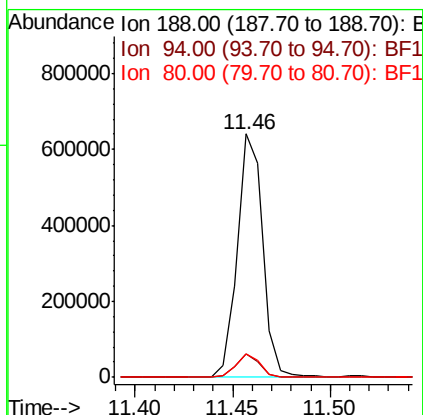
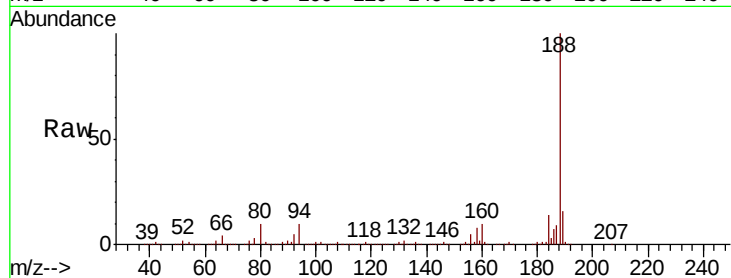




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117922.D
Acq: 21 Nov 2019 19:43

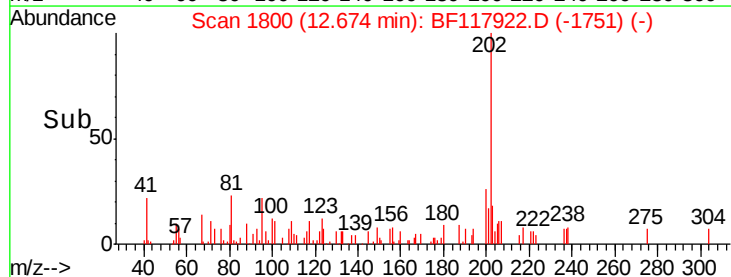
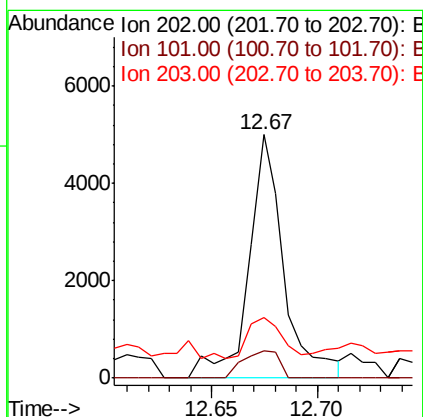
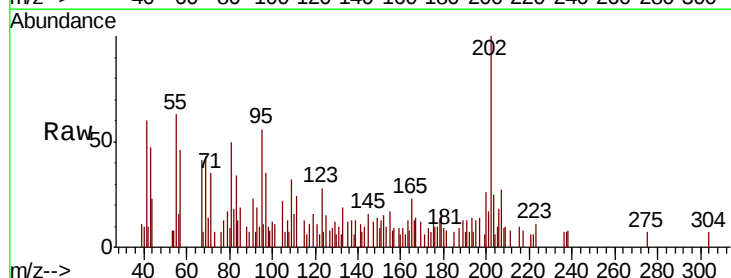
Instrument :
BNA_F
ClientSampleId :
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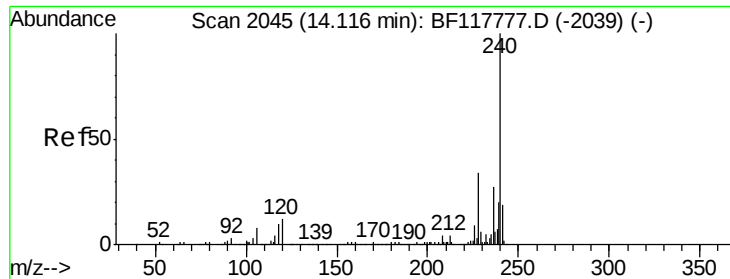
Tot Ion:188 Resp: 577692
Ion Ratio Lower Upper
188 100
94 9.7 6.6 10.0
80 9.9 7.2 10.8



#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117922.D
Acq: 21 Nov 2019 19:43

Tgt Ion:202 Resp: 5790
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.1
203 24.8 0.0 38.2

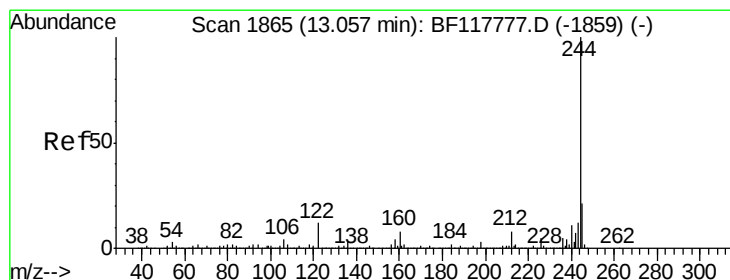
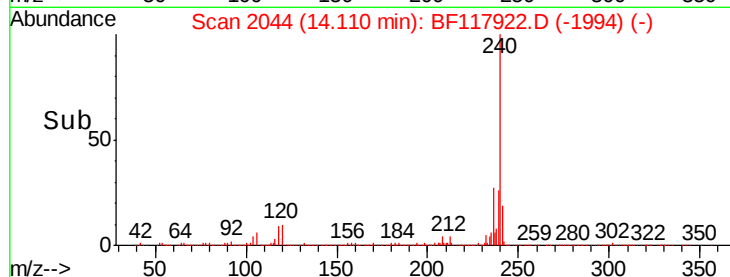
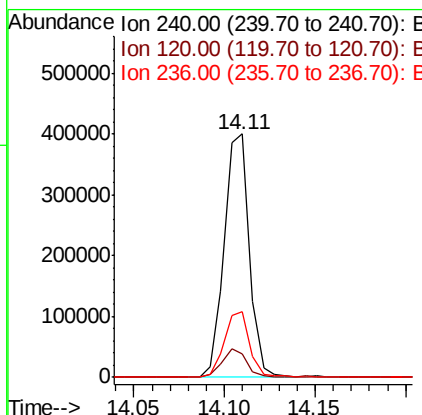
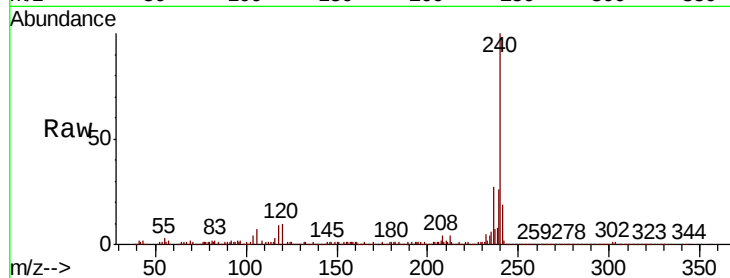




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF117922.D
 Acq: 21 Nov 2019 19:43

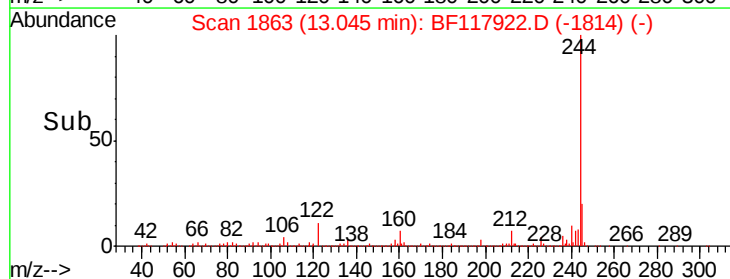
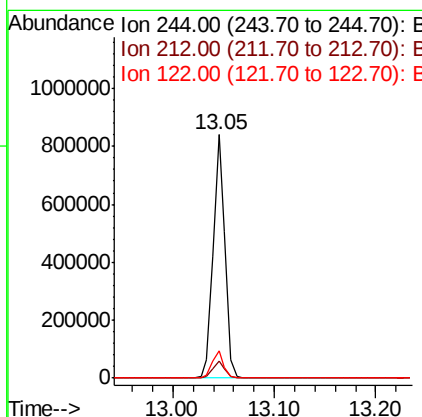
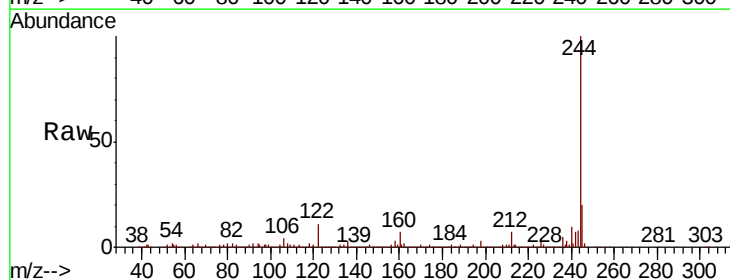
Instrument :
 BNA_F
 ClientSampleId :
 B-6A

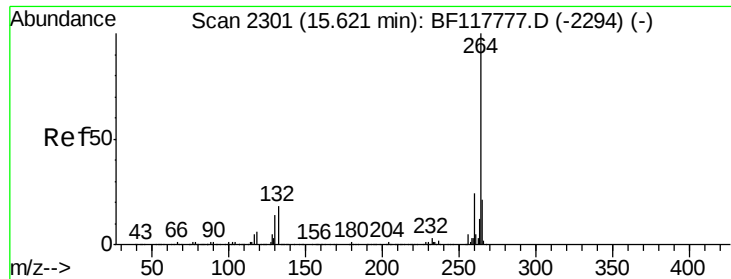
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	27.2	21.3	31.9



#79
 Terphenyl-d14
 Concen: 32.122 ng
 RT: 13.05 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BF117922.D
 Acq: 21 Nov 2019 19:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.3	9.5
122	11.1	9.4	14.2

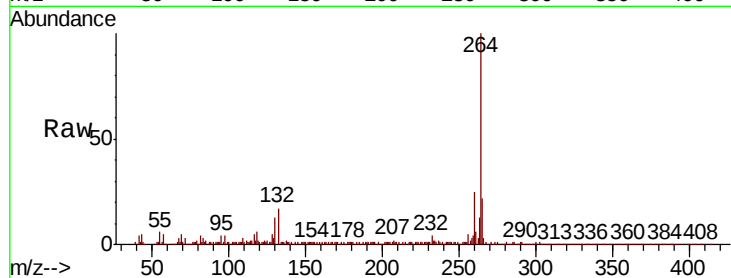




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BF117922.D
Acq: 21 Nov 2019 19:43

Instrument :
BNA_F
ClientSampleId :
B-6A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	22.3	17.1	25.7



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

