

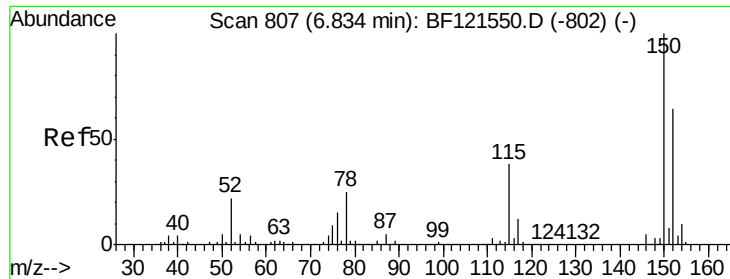
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
 Data File : BF121870.D
 Acq On : 7 Oct 2020 13:20
 Operator : JU/CG
 Sample : L4242-11 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B17-100120-0-10

Quant Time: Oct 07 14:08:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	138367	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	539738	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	271210	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	448299	20.00	ng	0.00
76) Chrysene-d12	13.93	240	303890	20.00	ng	0.00
86) Perylene-d12	15.38	264	280211	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	338738	36.38	ng	0.00
7) Phenol-d6	6.40	99	432208	35.38	ng	-0.01
23) Nitrobenzene-d5	7.33	82	294206	29.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	102739	30.48	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	543529	30.35	ng	-0.01
79) Terphenyl-d14	12.87	244	420015	28.00	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	37744	5.362	ng	# 77
25) Isophorone	7.33	82	294204	14.539	ng	# 67
50) Dimethylphthalate	9.52	163	71356	3.630	ng	99
51) 2,6-Dinitrotoluene	9.80	165	35173	8.402	ng	# 21
57) 2,4-Dinitrotoluene	9.80	165	35173	6.679	ng	# 20

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

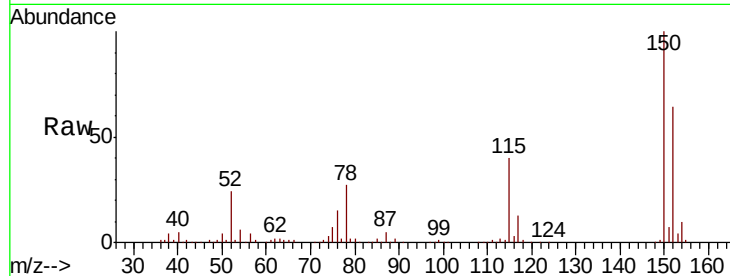


#1

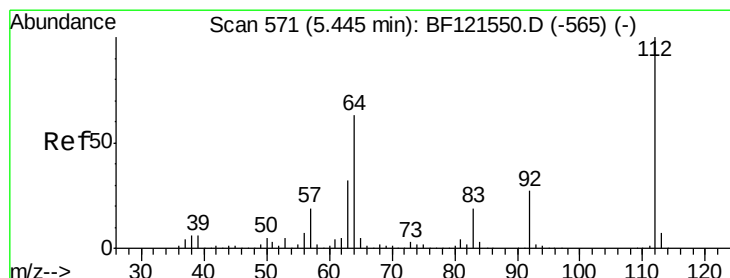
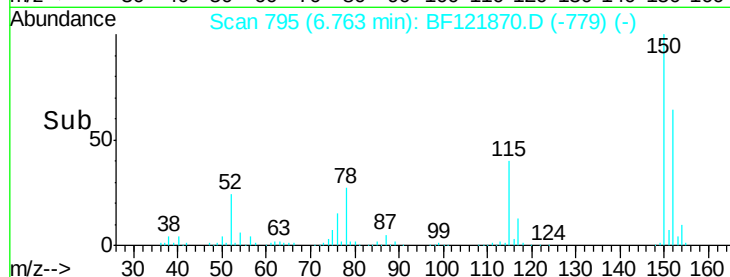
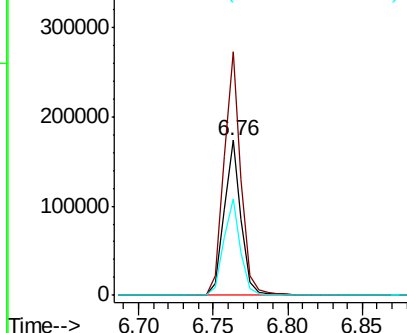
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121870.D
Acq: 7 Oct 2020 13:20

Instrument :
BNA_F
ClientSampleId :
PAV-B17-100120-0-10

Tot Ion:152 Resp: 138367
Ion Ratio Lower Upper
152 100
150 157.3 125.3 187.9
115 62.5 51.9 77.9



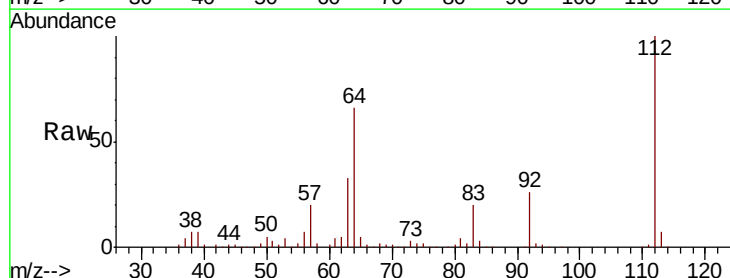
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



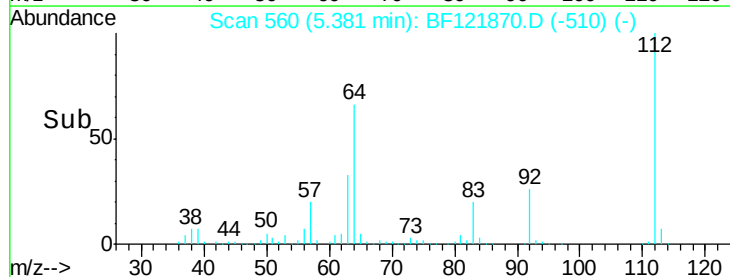
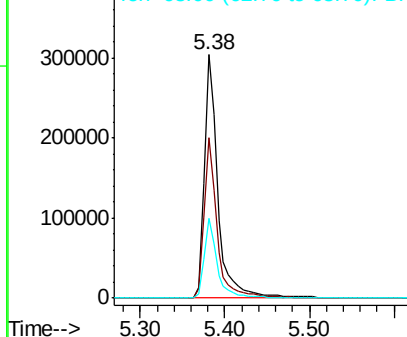
#5

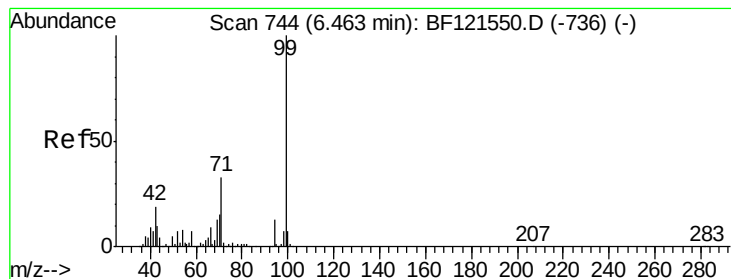
2-Fluorophenol
Concen: 36.382 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121870.D
Acq: 7 Oct 2020 13:20

Tgt Ion:112 Resp: 338738
Ion Ratio Lower Upper
112 100
64 65.7 50.4 75.6
63 32.6 25.8 38.6



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: 35.384 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121870.D

Acq: 7 Oct 2020 13:20

Instrument :

BNA_F

ClientSampleId :

PAV-B17-100120-0-10

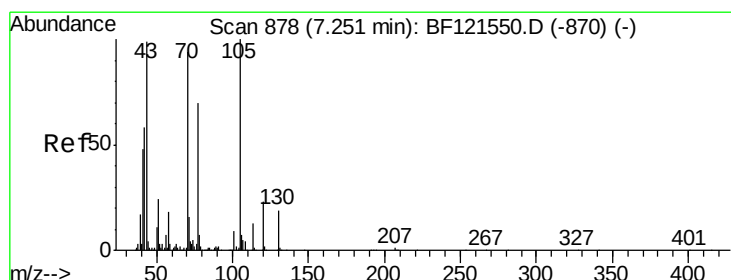
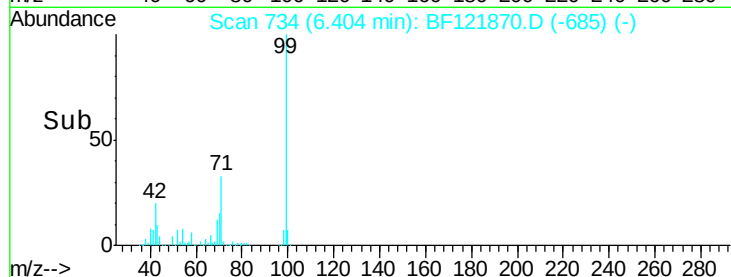
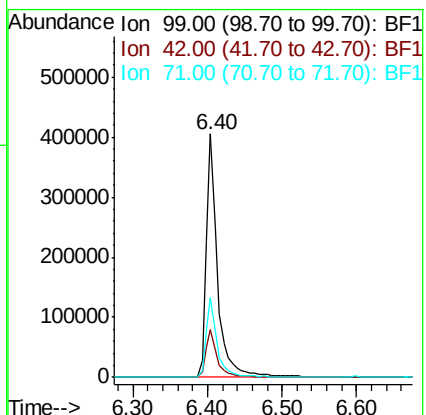
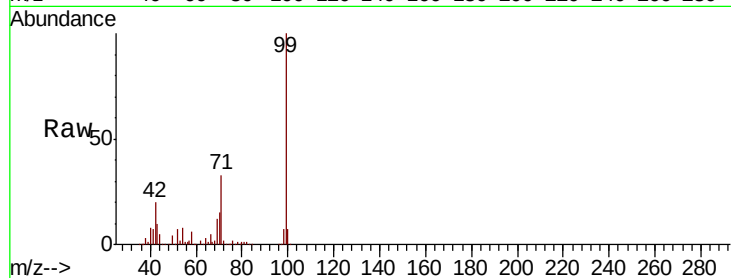
Tot Ion: 99 Resp: 432208

Ion Ratio Lower Upper

99 100

42 19.7 15.9 23.9

71 32.9 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 5.362 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.14 min

Lab File: BF121870.D

Acq: 7 Oct 2020 13:20

Tgt Ion: 70 Resp: 37744

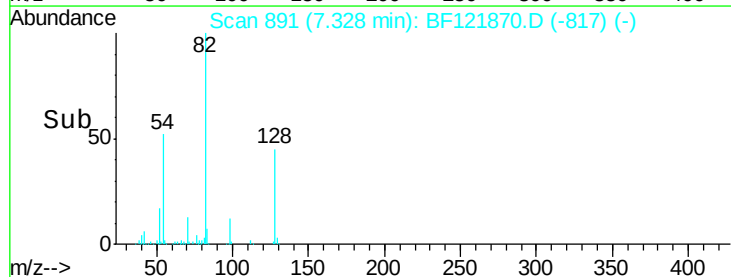
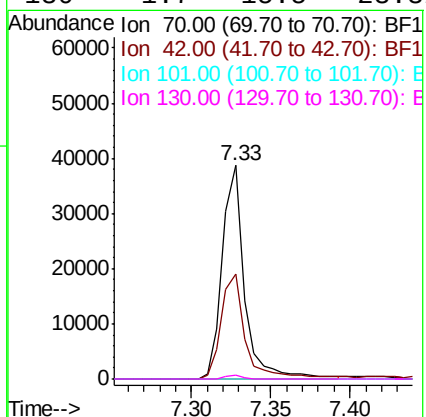
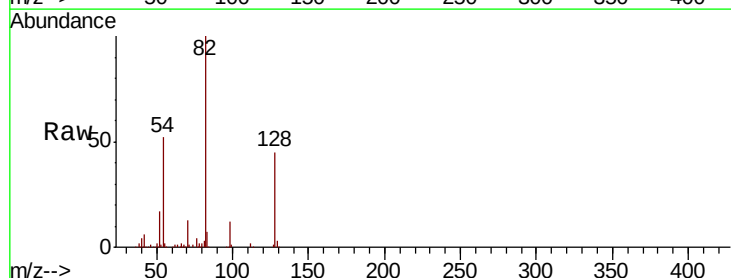
Ion Ratio Lower Upper

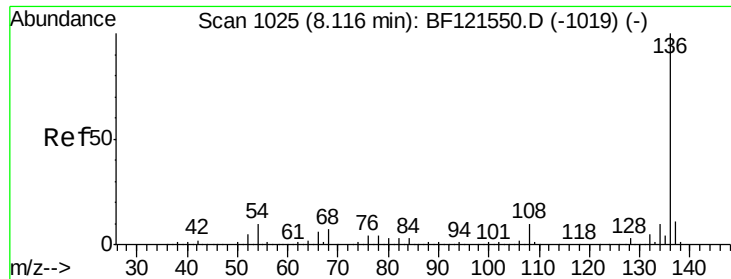
70 100

42 49.0 50.2 75.4#

101 0.0 7.5 11.3#

130 1.7 15.5 23.3#

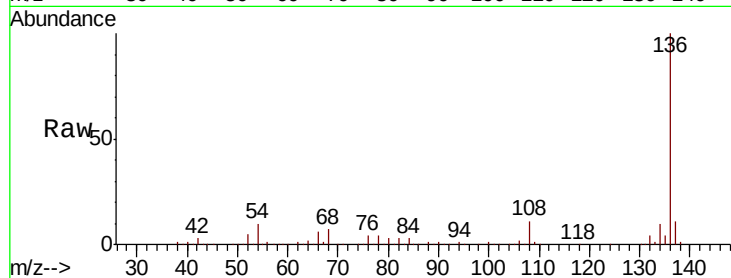




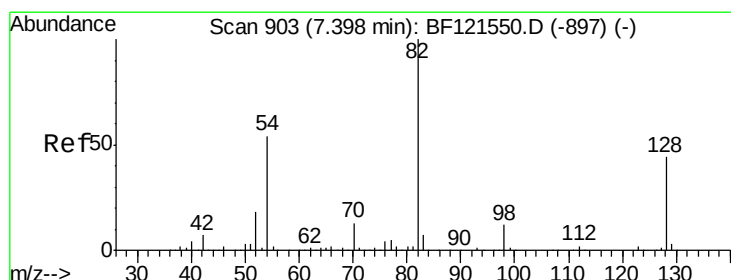
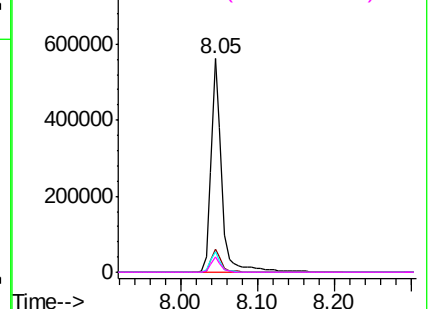
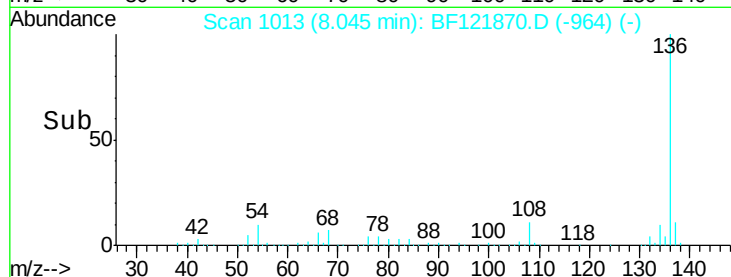
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121870.D
Acq: 7 Oct 2020 13:20

Instrument :
BNA_F
ClientSampleId :
PAV-B17-100120-0-10

Tot Ion:136	Resp:	539738
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.6 13.0
54	9.6	7.1 10.7
68	7.1	5.0 7.4

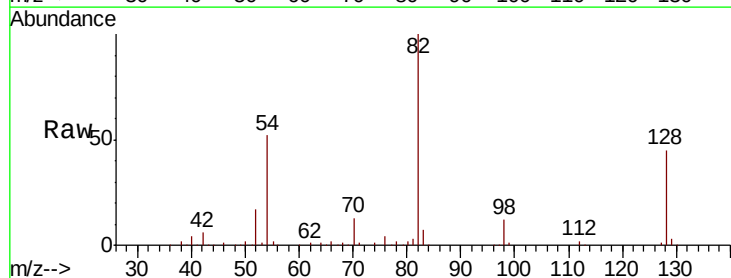


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

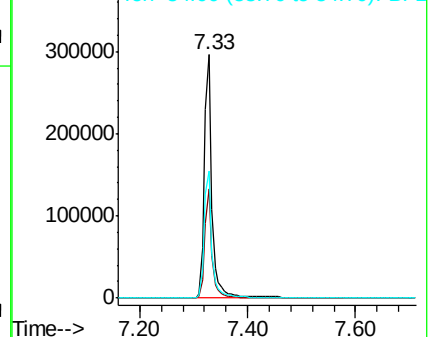
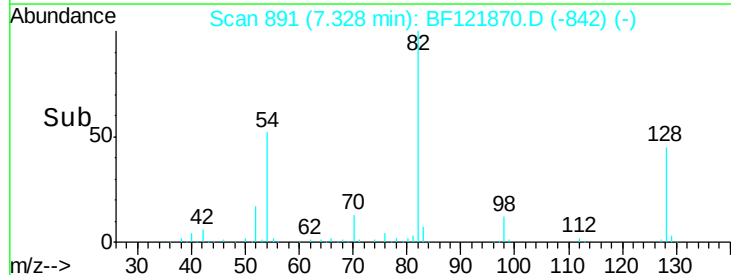


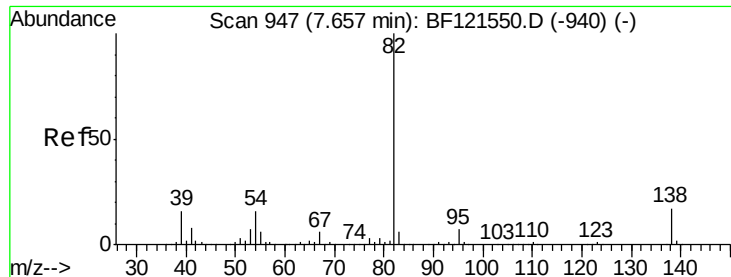
#23
Nitrobenzene-d5
Concen: 29.267 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121870.D
Acq: 7 Oct 2020 13:20

Tgt Ion: 82	Resp:	294206
Ion	Ratio	Lower Upper
82	100	
128	45.1	35.0 52.4
54	52.0	43.9 65.9



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





#25

Isophorone

Concen: 14.539 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.27 min

Lab File: BF121870.D

Acq: 7 Oct 2020 13:20

Instrument :

BNA_F

ClientSampleId :

PAV-B17-100120-0-10

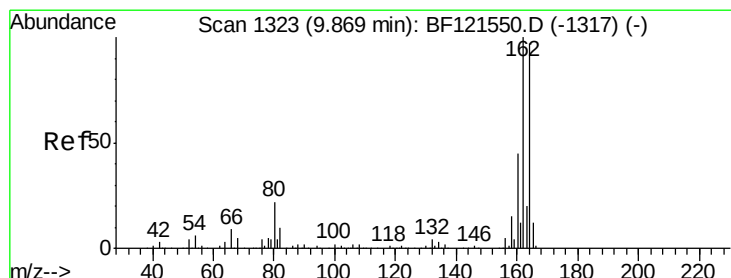
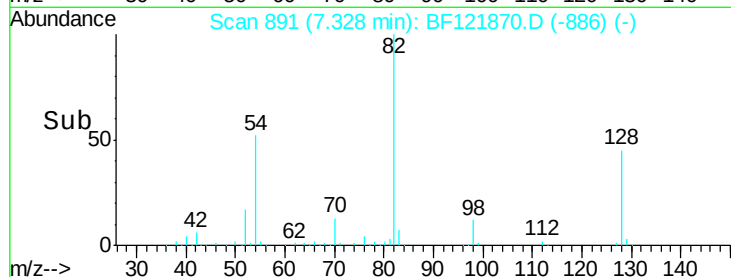
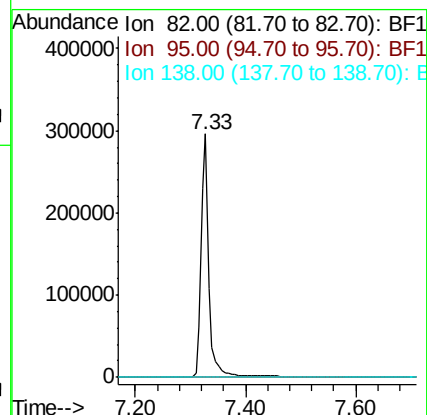
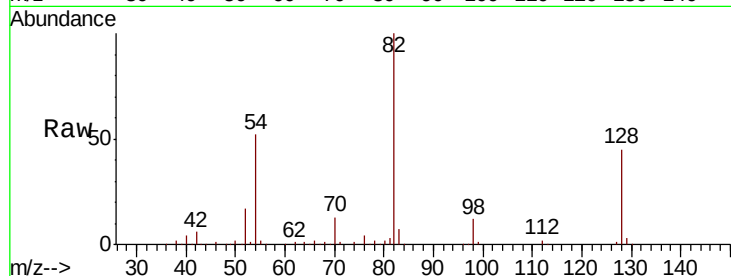
Tot Ion: 82 Resp: 294204

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 13.4 20.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF121870.D

Acq: 7 Oct 2020 13:20

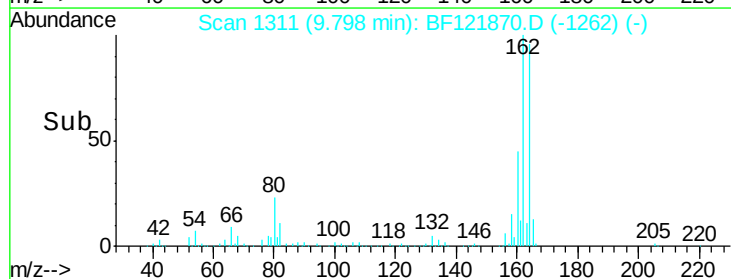
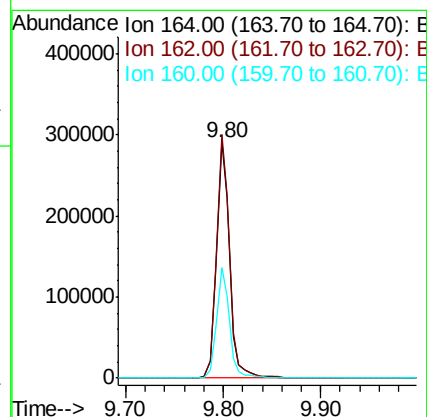
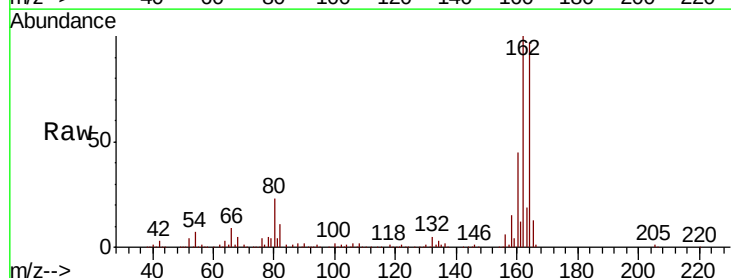
Tgt Ion: 164 Resp: 271210

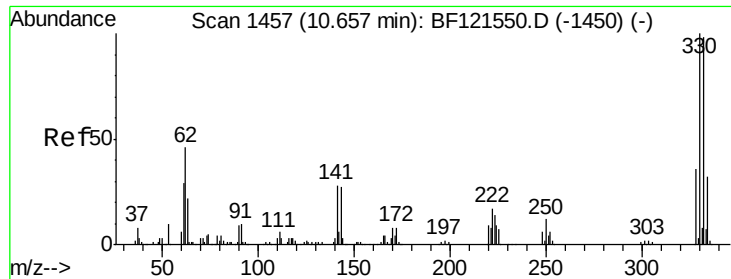
Ion Ratio Lower Upper

164 100

162 103.3 83.2 124.8

160 46.8 37.5 56.3

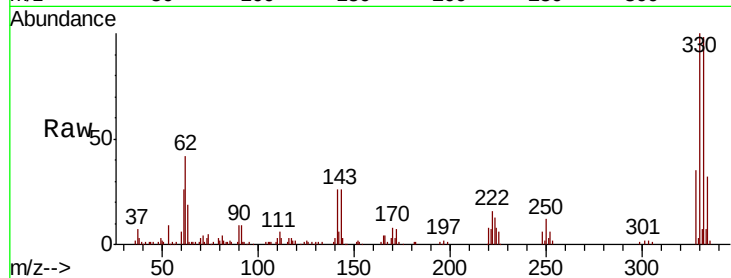




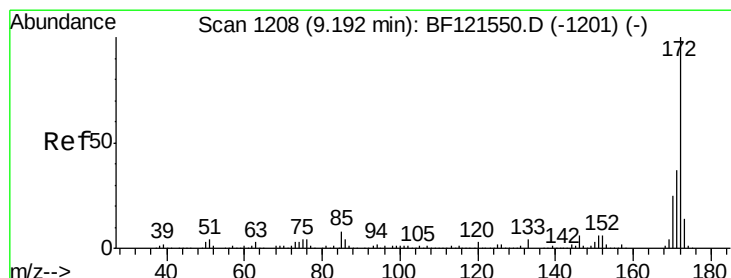
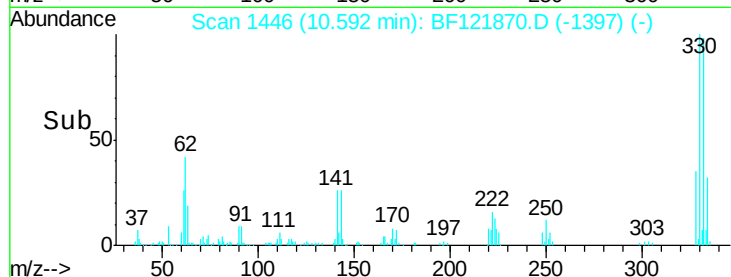
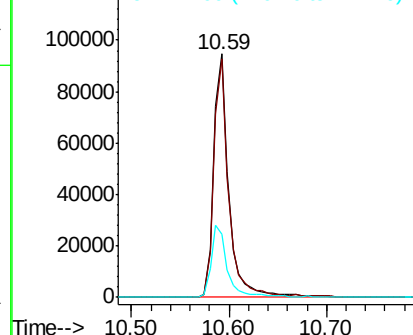
#42
 2,4,6-Tribromophenol
 Concen: 30.479 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF121870.D
 Acq: 7 Oct 2020 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B17-100120-0-10

Tot Ion:330 Resp: 102739
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.3 115.9
 141 30.9 22.3 33.5

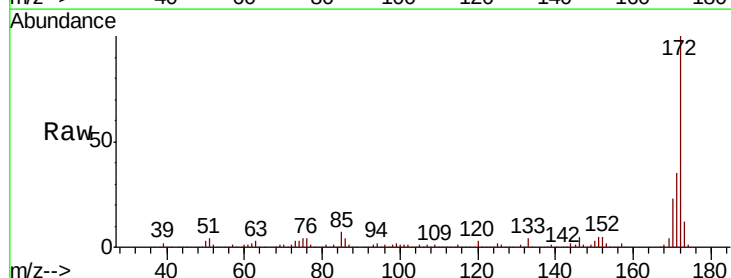


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

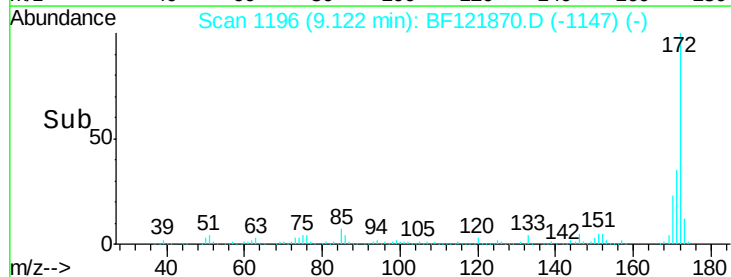
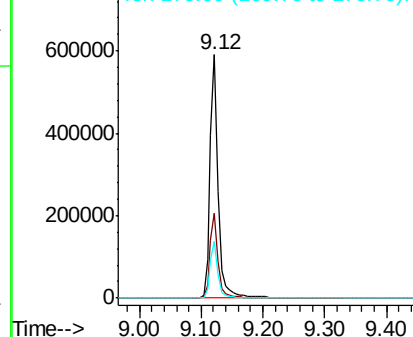


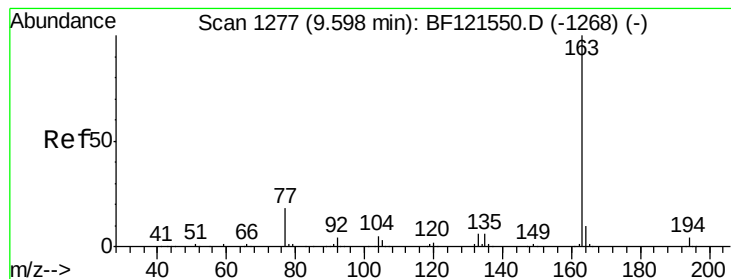
#45
 2-Fluorobiphenyl
 Concen: 30.353 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121870.D
 Acq: 7 Oct 2020 13:20

Tgt Ion:172 Resp: 543529
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.1 43.7
 170 23.3 19.8 29.6



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: 3.630 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF121870.D

Acq: 7 Oct 2020 13:20

Instrument :

BNA_F

ClientSampleId :

PAV-B17-100120-0-10

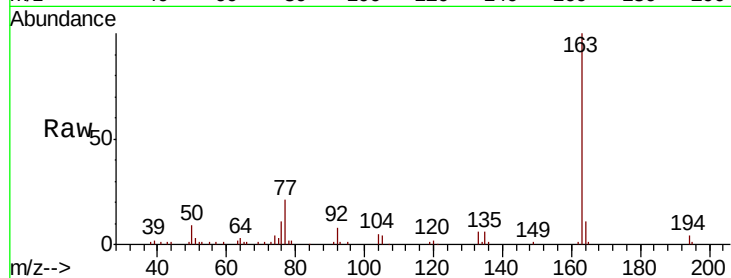
Tot Ion:163 Resp: 71356

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

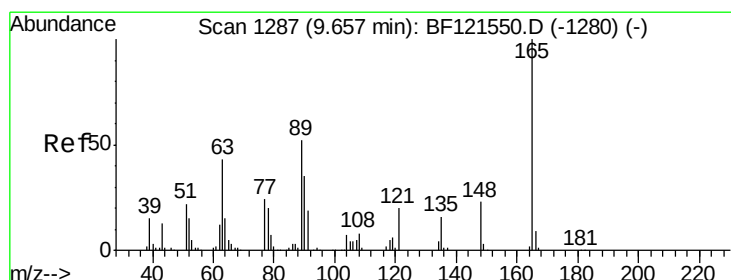
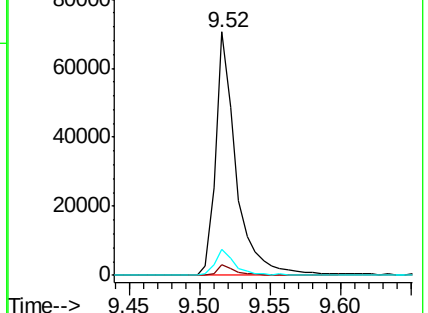
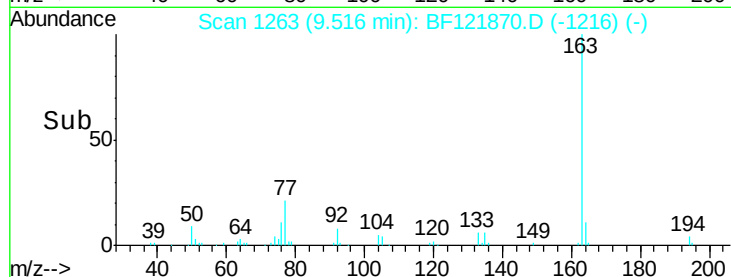
164 10.6 8.2 12.4



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



#51

2,6-Dinitrotoluene

Concen: 8.402 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.20 min

Lab File: BF121870.D

Acq: 7 Oct 2020 13:20

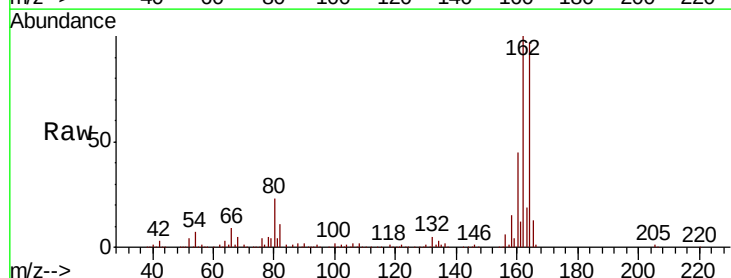
Tgt Ion:165 Resp: 35173

Ion Ratio Lower Upper

165 100

63 1.2 51.8 77.6#

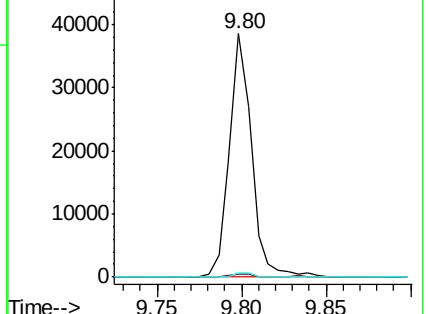
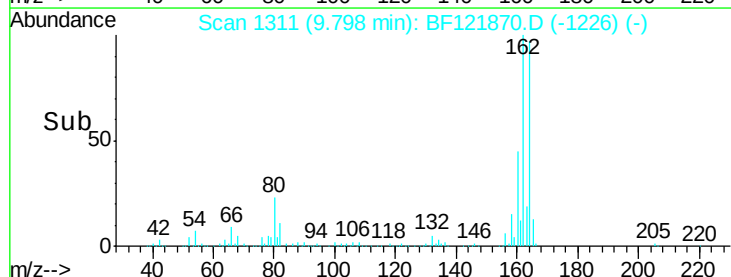
89 1.6 49.0 73.6#

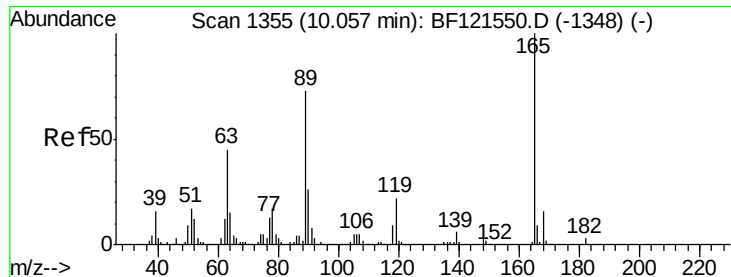


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

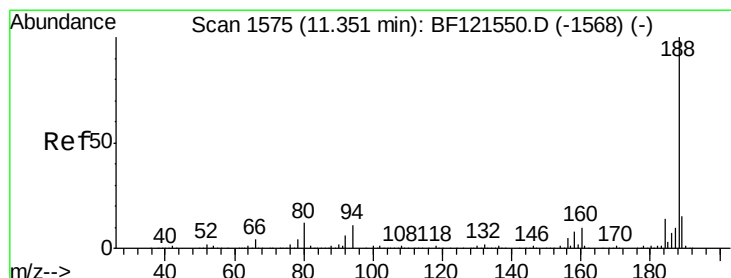
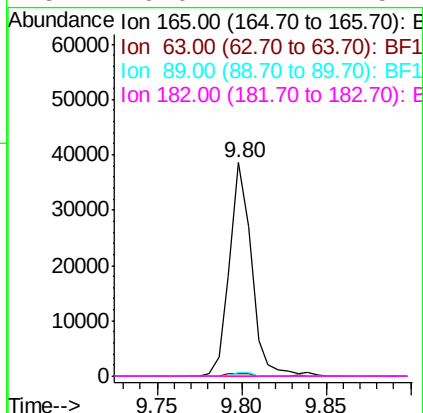
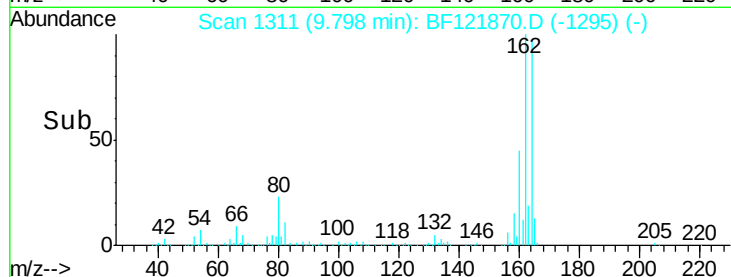
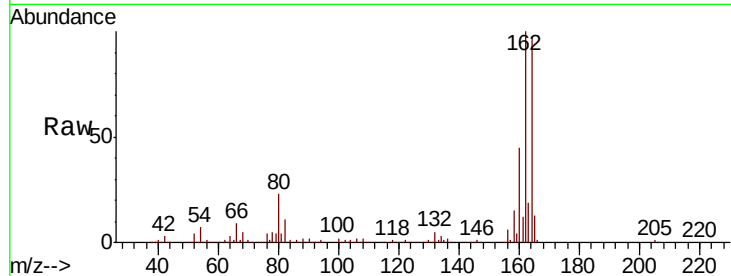




#57
 2,4-Dinitrotoluene
 Concen: 6.679 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.21 min
 Lab File: BF121870.D
 Acq: 7 Oct 2020 13:20

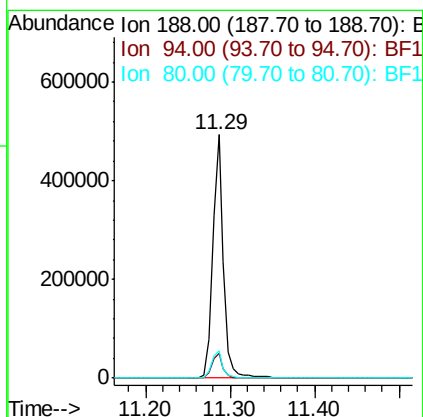
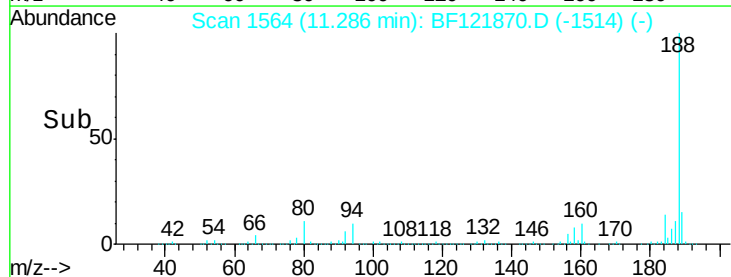
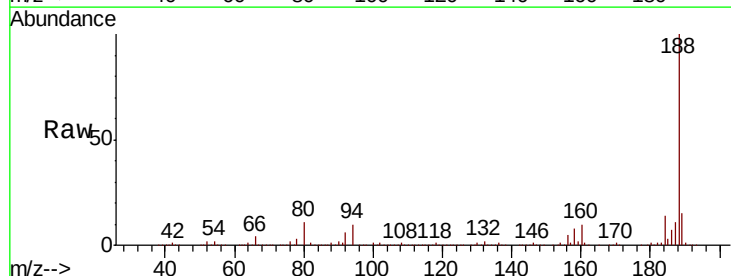
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B17-100120-0-10

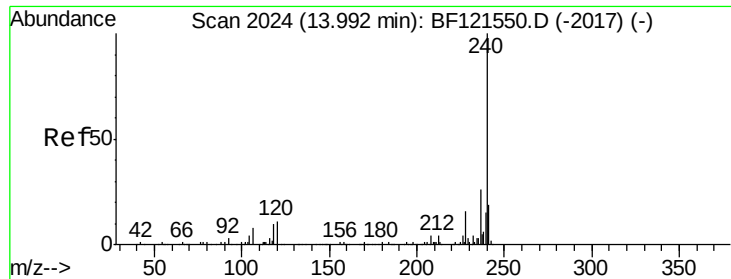
Tot Ion:165	Resp:	35173	
Ion Ratio	Lower	Upper	
165 100			
63 1.2	41.3	61.9#	
89 1.6	61.8	92.8#	
182 0.0	2.1	3.1#	



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF121870.D
 Acq: 7 Oct 2020 13:20

Tgt Ion:188	Resp: 448299
Ion Ratio	Lower Upper
188 100	
94 10.1	8.3 12.5
80 11.0	9.1 13.7

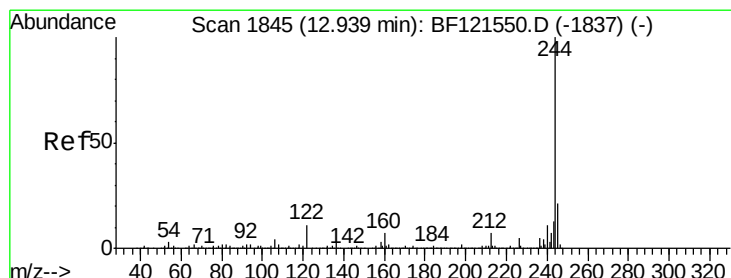
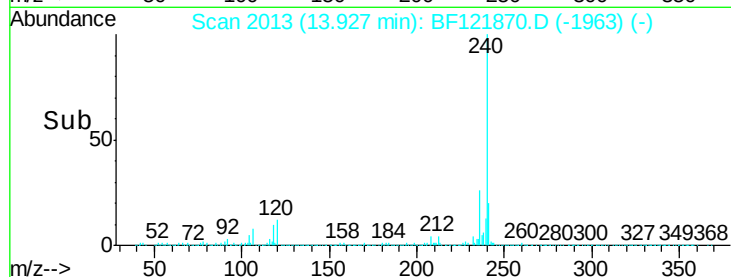
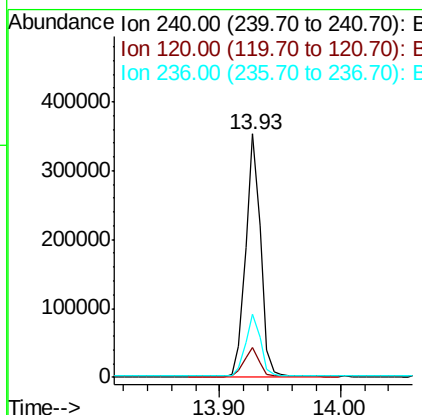
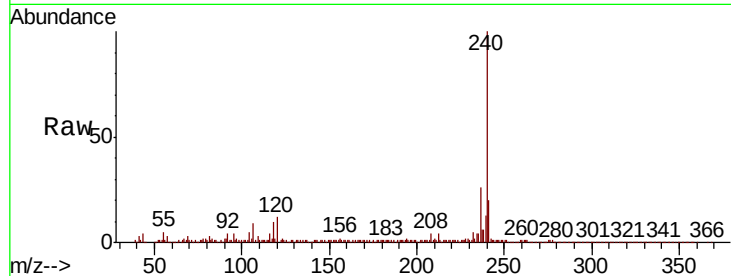




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF121870.D
Acq: 7 Oct 2020 13:20

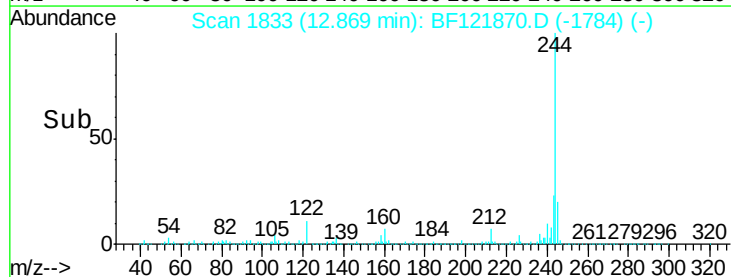
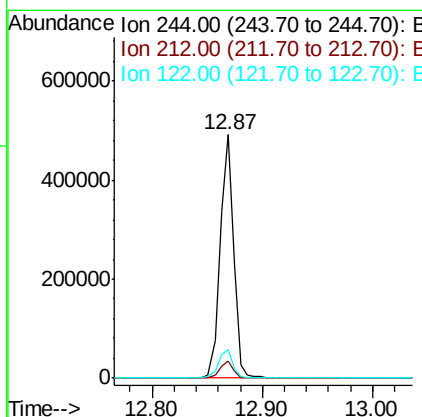
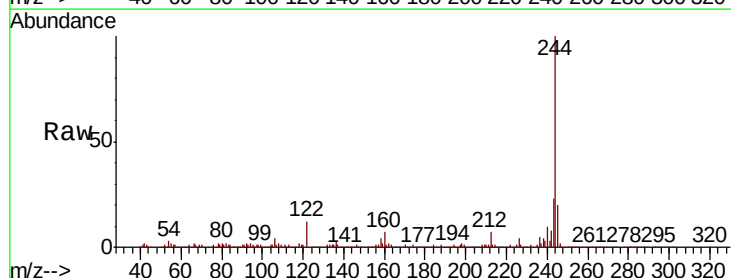
Instrument :
BNA_F
ClientSampleId :
PAV-B17-100120-0-10

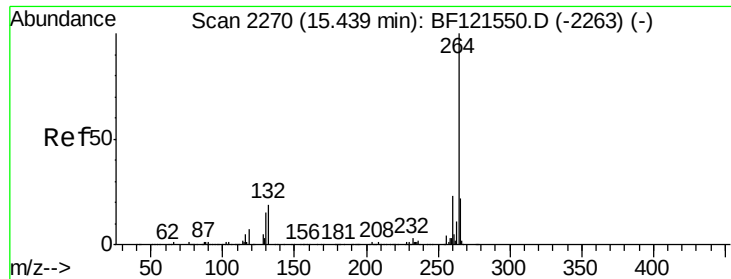
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.2	13.8
236	26.0	20.9	31.3



#79
Terphenyl-d14
Concen: 28.001 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF121870.D
Acq: 7 Oct 2020 13:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	11.6	8.1	12.1





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.02 min
Lab File: BF121870.D
Acq: 7 Oct 2020 13:20

Instrument :
BNA_F
ClientSampleId :
PAV-B17-100120-0-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.0	18.7	28.1
265	23.4	17.3	25.9

