

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
 Data File : BF121565.D
 Acq On : 14 Sep 2020 17:34
 Operator : JU/CG
 Sample : L3993-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-091120-DP

Quant Time: Sep 14 18:17:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

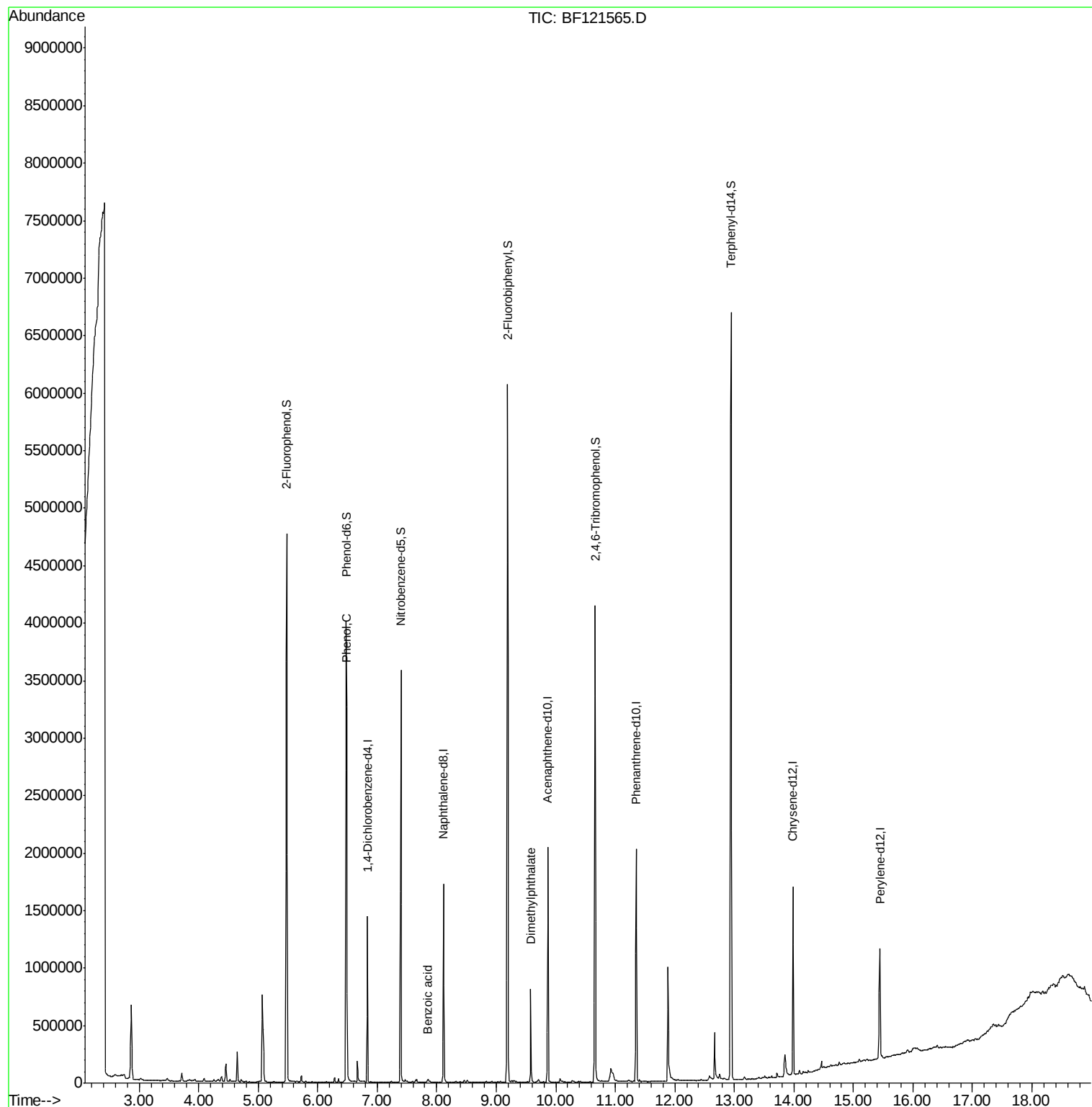
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	186518	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	728960	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	378913	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	707149	20.00	ng	0.00
76) Chrysene-d12	13.99	240	524652	20.00	ng	0.00
86) Perylene-d12	15.44	264	433594	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1270566	101.24	ng	0.04
7) Phenol-d6	6.48	99	1514920	92.00	ng	0.02
23) Nitrobenzene-d5	7.40	82	1242725	91.53	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	587973	124.85	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2114014	84.50	ng	0.00
79) Terphenyl-d14	12.94	244	2321199	89.63	ng	0.00
Target Compounds						
10) Phenol	6.49	94	50403	2.875	ng	92
32) Benzoic acid	7.85	122	2643	7.184	ng	87
50) Dimethylphthalate	9.58	163	306521	11.161	ng	99

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF121565.D

Acq: 14 Sep 2020 17:34

Instrument :

BNA_F

ClientSampleId :

PAV-091120-DP

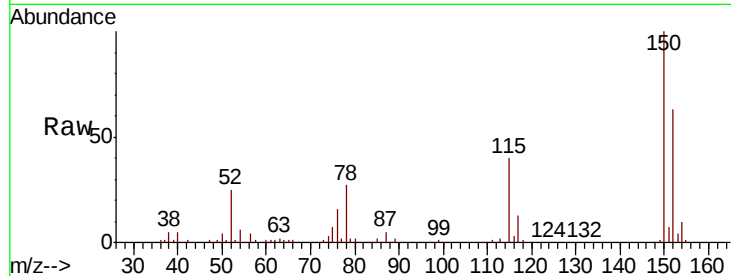
Tot Ion:152 Resp: 186518

Ion Ratio Lower Upper

152 100

150 157.6 125.8 188.6

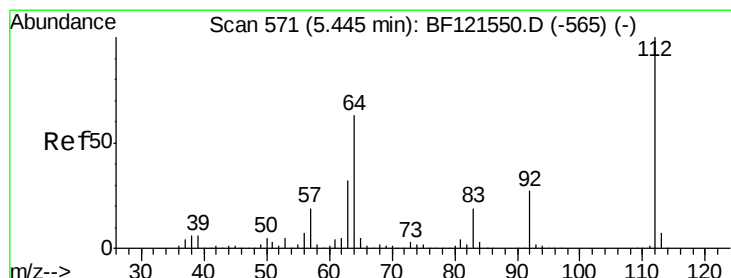
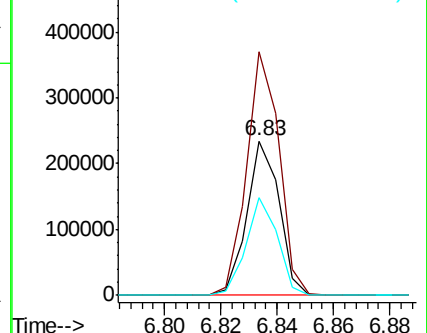
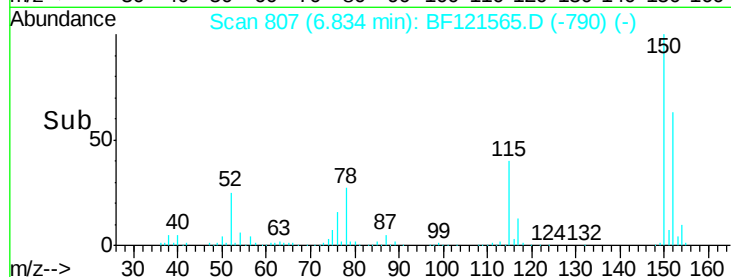
115 63.3 47.8 71.8



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: 101.235 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.04 min

Lab File: BF121565.D

Acq: 14 Sep 2020 17:34

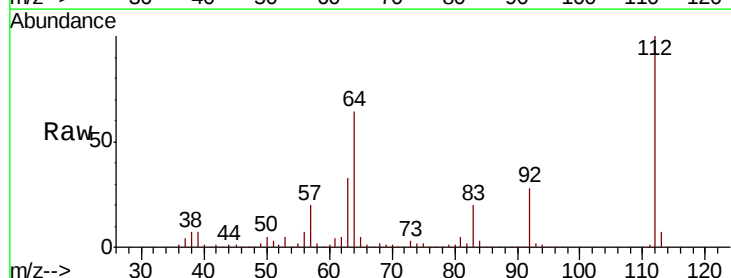
Tgt Ion:112 Resp: 1270566

Ion Ratio Lower Upper

112 100

64 64.2 50.3 75.5

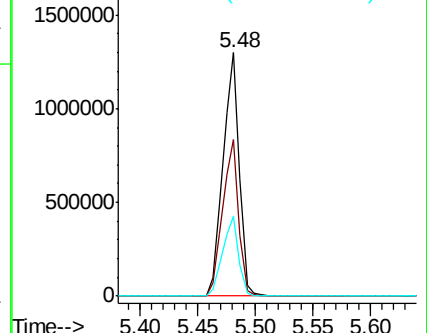
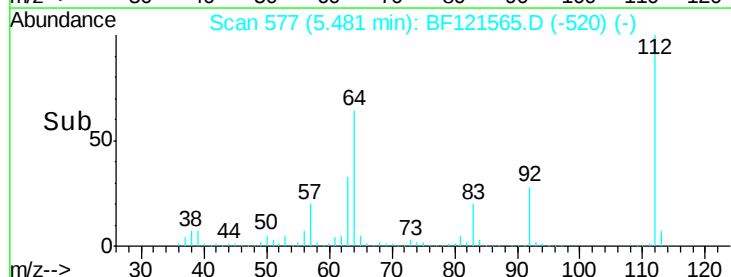
63 32.8 25.6 38.4



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: 92.005 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF121565.D

Acq: 14 Sep 2020 17:34

Instrument :

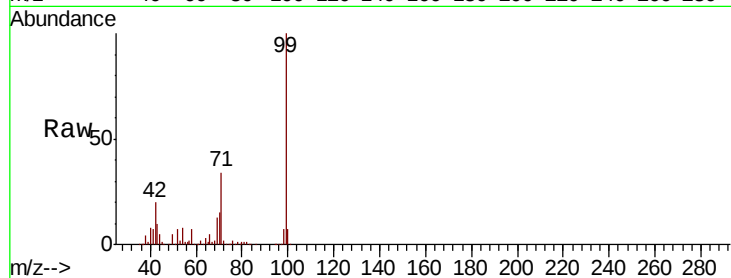
BNA_F

ClientSampleId :

PAV-091120-DP

Tot Ion: 99 Resp: 1514920

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.5	23.3
71	34.1	26.1	39.1

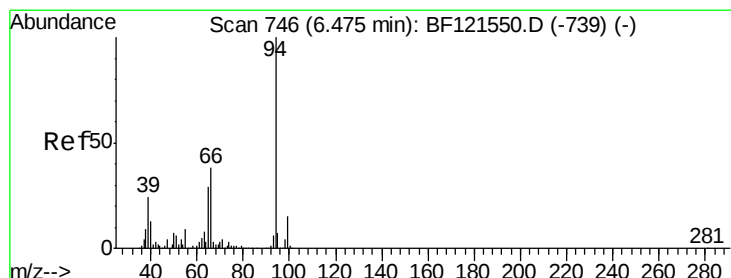
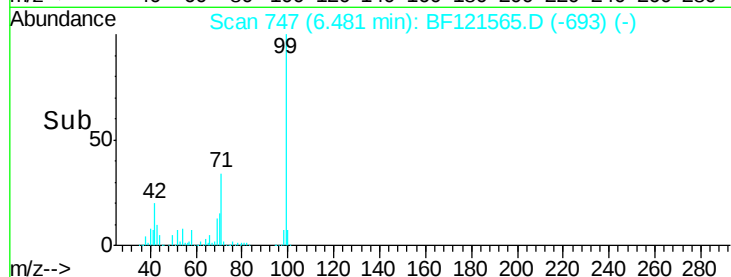
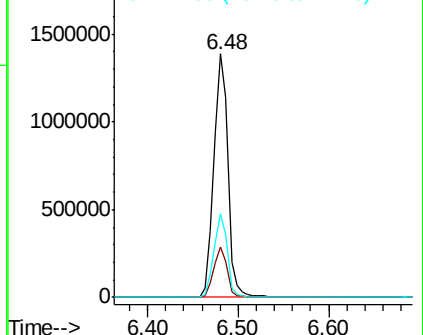


Abundance

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



#10

Phenol

Concen: 2.875 ng

RT: 6.49 min Scan# 749

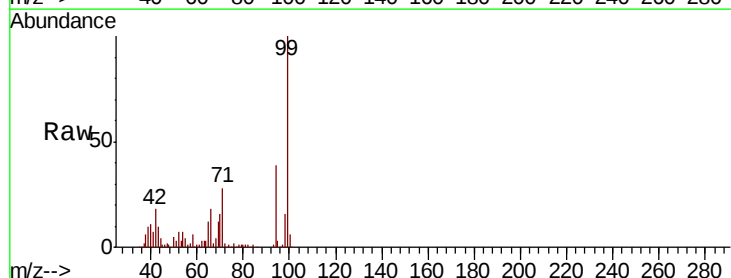
Delta R.T. 0.02 min

Lab File: BF121565.D

Acq: 14 Sep 2020 17:34

Tgt Ion: 94 Resp: 50403

Ion	Ratio	Lower	Upper
94	100		
65	30.1	9.4	49.4
66	45.8	18.3	58.3

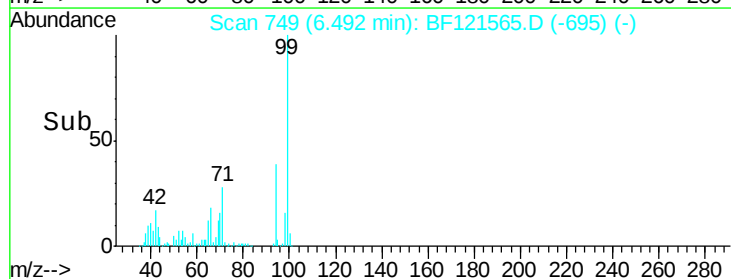
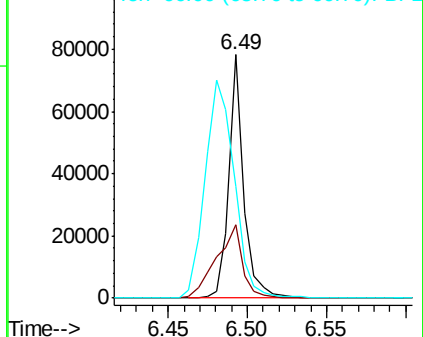


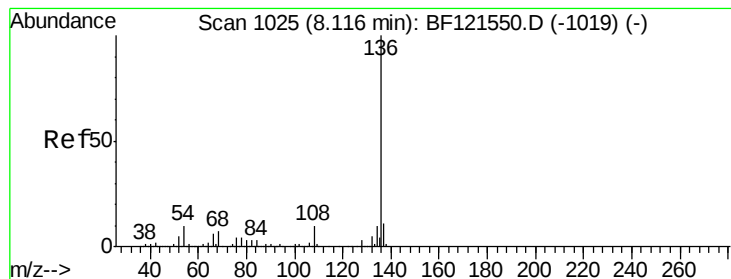
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF121565.D

Acq: 14 Sep 2020 17:34

Instrument :

BNA_F

ClientSampleId :

PAV-091120-DP

Tot Ion:136 Resp: 728960

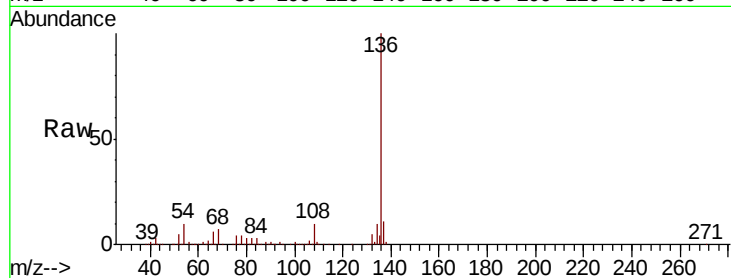
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 9.5 7.6 11.4

68 7.2 5.7 8.5

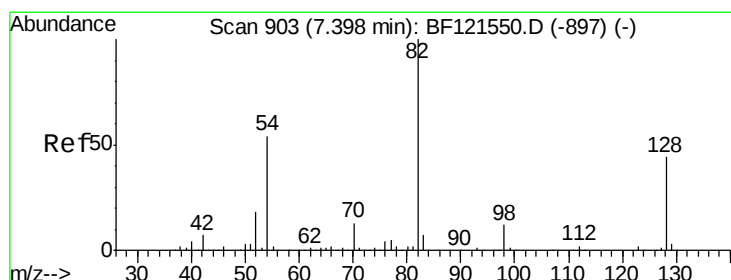
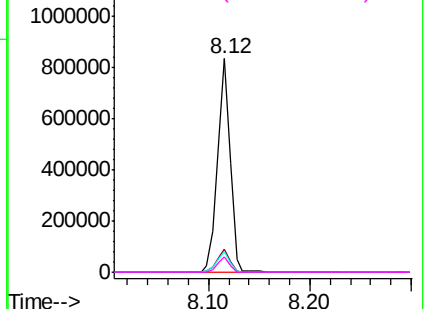
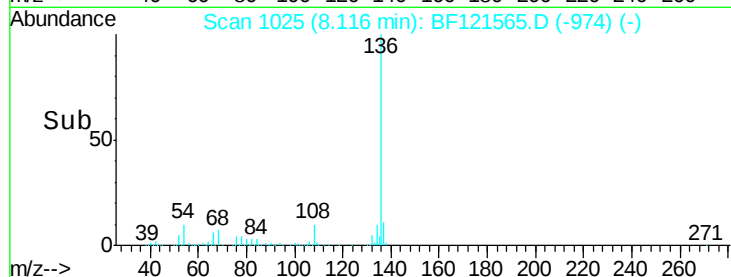


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.533 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF121565.D

Acq: 14 Sep 2020 17:34

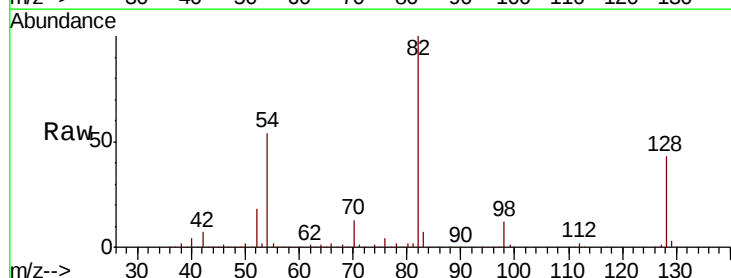
Tgt Ion: 82 Resp: 1242725

Ion Ratio Lower Upper

82 100

128 43.4 35.1 52.7

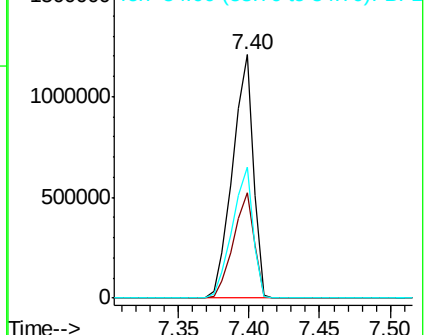
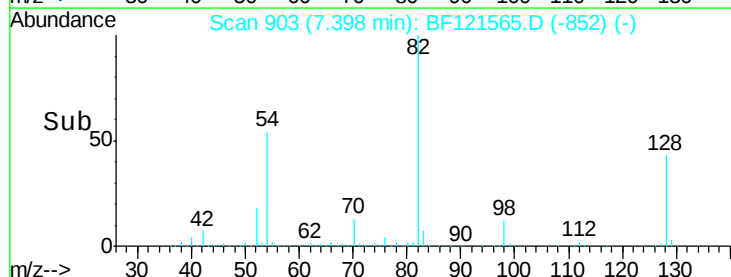
54 54.0 43.0 64.6

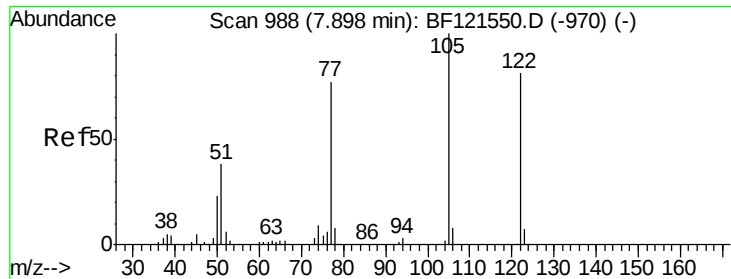


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

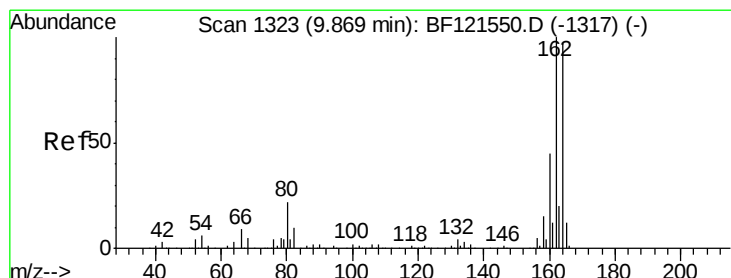
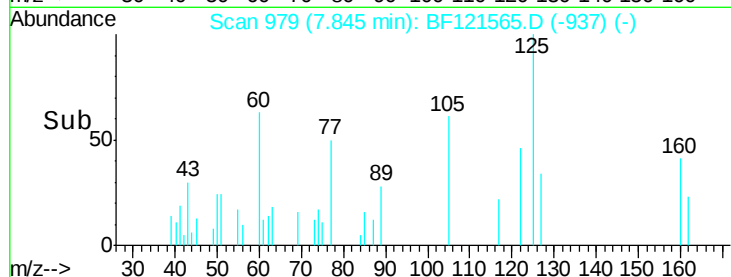
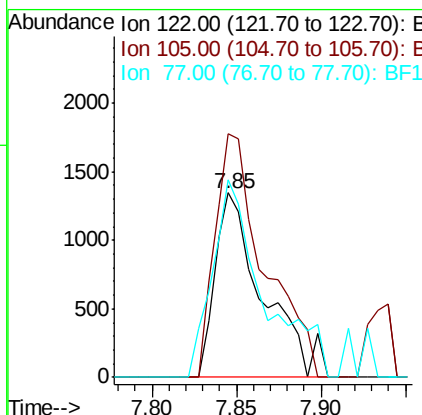
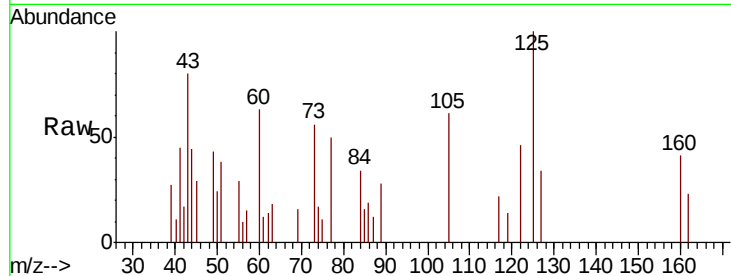




#32
Benzoic acid
Concen: 7.184 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.05 min
Lab File: BF121565.D
Acq: 14 Sep 2020 17:34

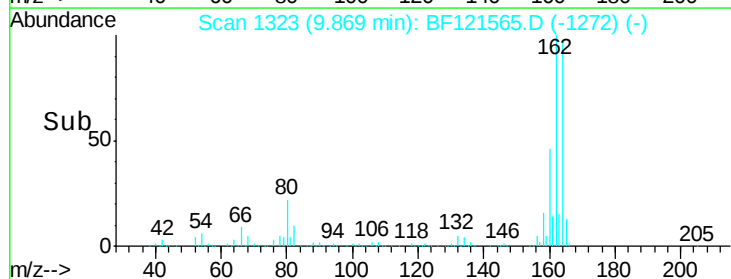
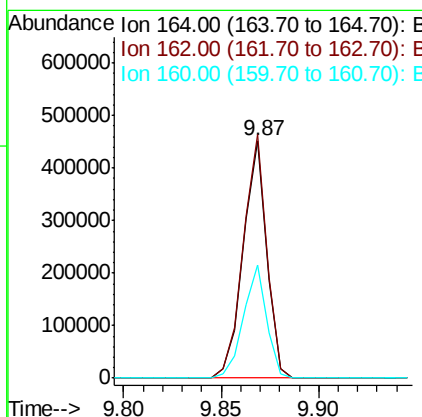
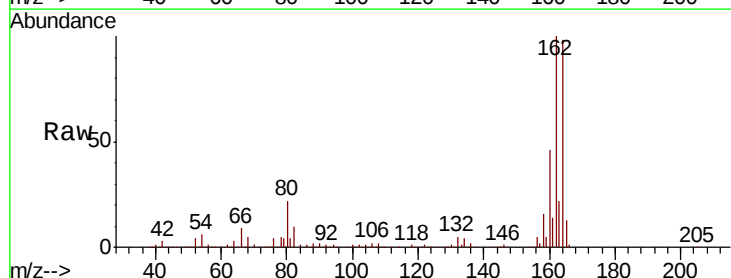
Instrument :
BNA_F
ClientSampleId :
PAV-091120-DP

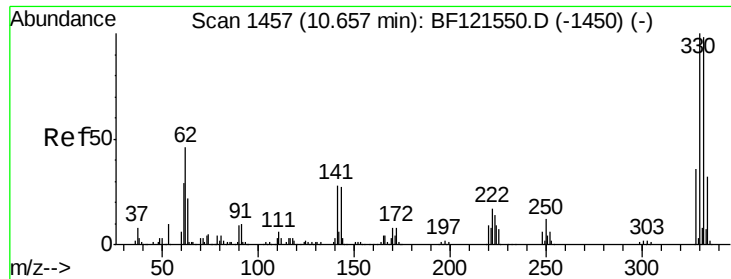
Tot Ion:122 Resp: 2643
Ion Ratio Lower Upper
122 100
105 132.1 100.5 140.5
77 107.1 72.6 112.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF121565.D
Acq: 14 Sep 2020 17:34

Tgt Ion:164 Resp: 378913
Ion Ratio Lower Upper
164 100
162 102.4 82.3 123.5
160 47.4 37.0 55.4

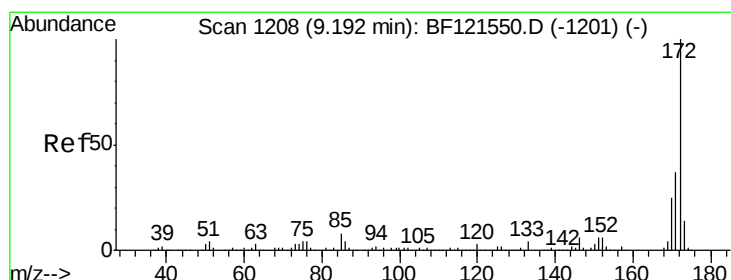
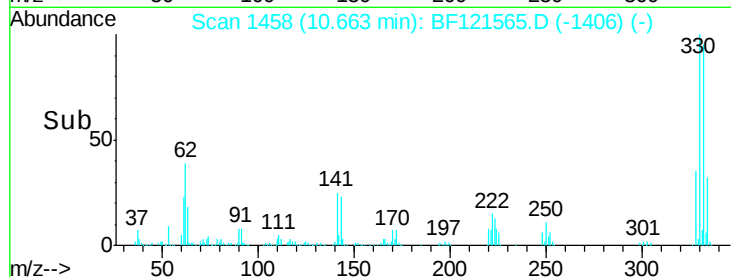
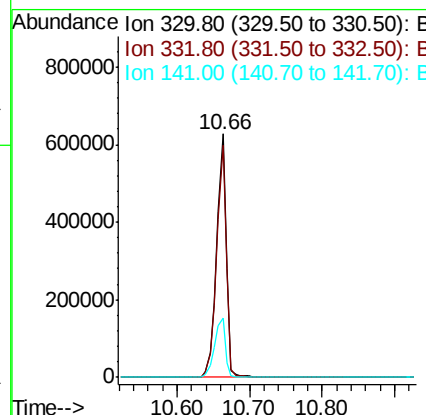
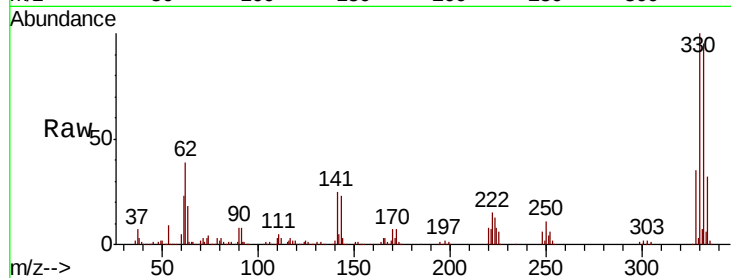




#42
 2,4,6-Tribromophenol
 Concen: 124.851 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: BF121565.D
 Acq: 14 Sep 2020 17:34

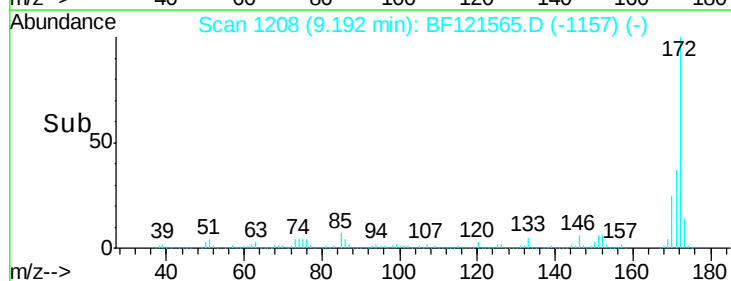
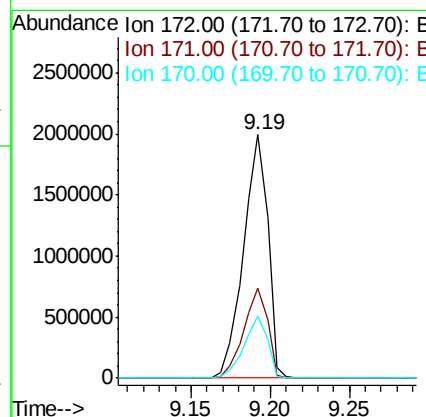
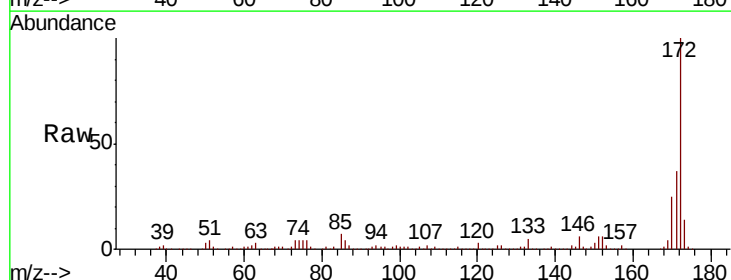
Instrument :
 BNA_F
 ClientSampleId :
 PAV-091120-DP

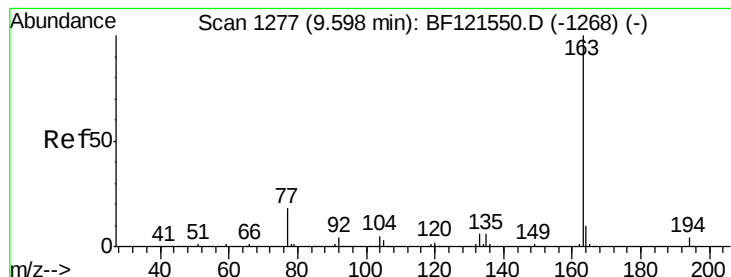
Tot Ion:330 Resp: 587973
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.1 115.7
 141 27.4 23.6 35.4



#45
 2-Fluorobiphenyl
 Concen: 84.498 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF121565.D
 Acq: 14 Sep 2020 17:34

Tgt Ion:172 Resp: 2114014
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.8 44.6
 170 25.3 19.8 29.8





#50

Dimethylphthalate

Concen: 11.161 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF121565.D

Acq: 14 Sep 2020 17:34

Instrument :

BNA_F

ClientSampleId :

PAV-091120-DP

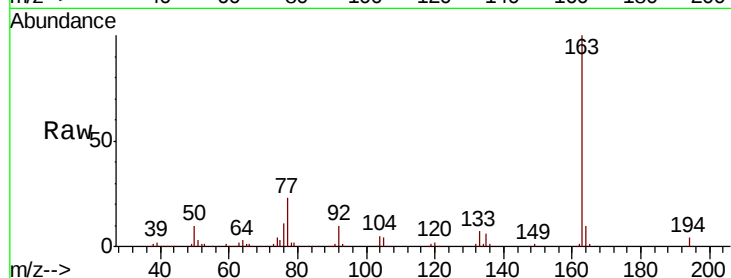
Tot Ion:163 Resp: 306521

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

164 10.5 7.9 11.9



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

9.58

400000

300000

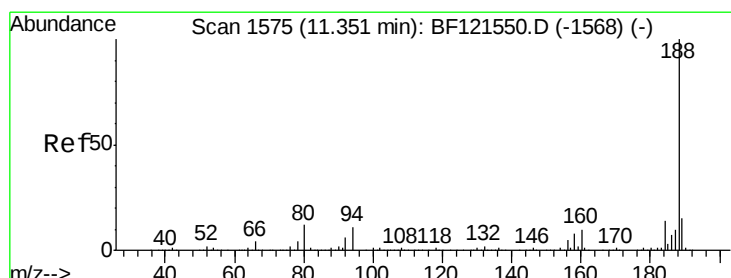
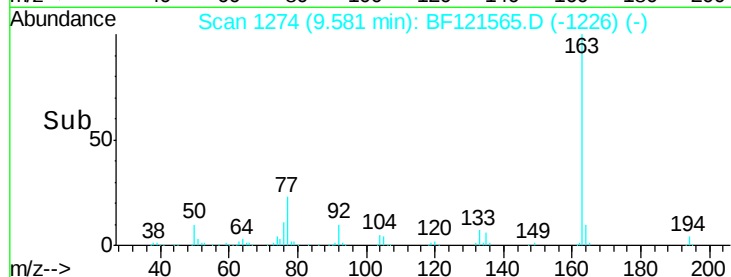
200000

100000

0

9.55 9.60 9.65

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF121565.D

Acq: 14 Sep 2020 17:34

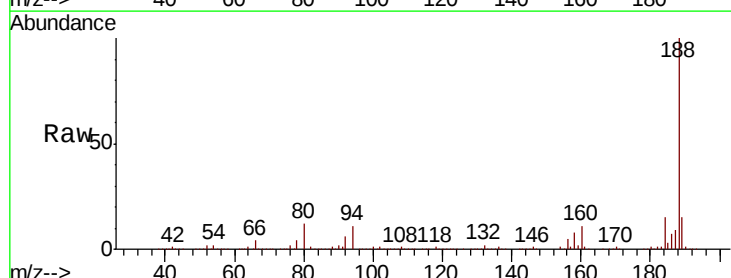
Tgt Ion:188 Resp: 707149

Ion Ratio Lower Upper

188 100

94 11.3 8.7 13.1

80 12.5 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.35

1000000

800000

600000

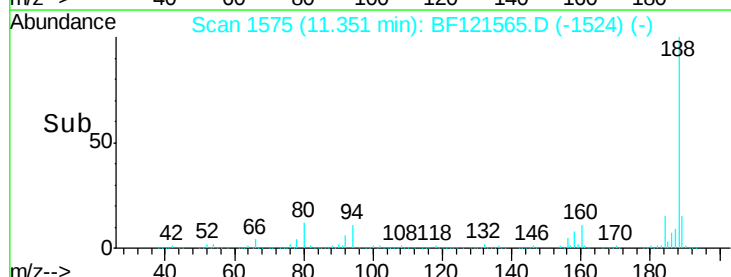
400000

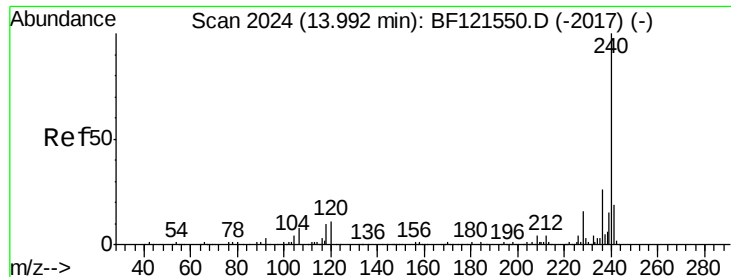
200000

0

11.30 11.35 11.40

Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF121565.D

Acq: 14 Sep 2020 17:34

Instrument :

BNA_F

ClientSampleId :

PAV-091120-DP

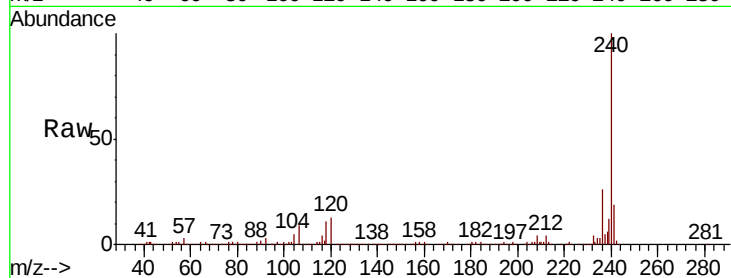
Tot Ion:240 Resp: 524652

Ion Ratio Lower Upper

240 100

120 12.7 9.2 13.8

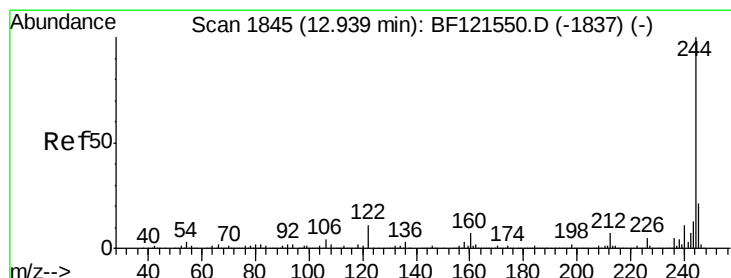
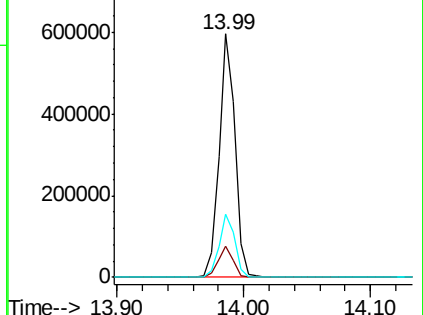
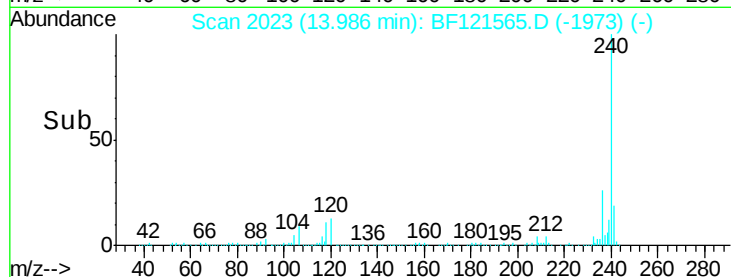
236 25.9 20.5 30.7



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



#79

Terphenyl-d14

Concen: 89.631 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BF121565.D

Acq: 14 Sep 2020 17:34

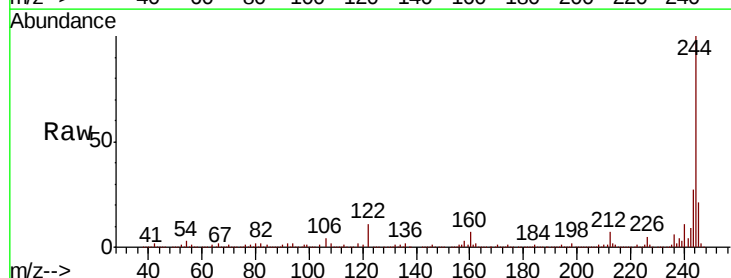
Tgt Ion:244 Resp: 2321199

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

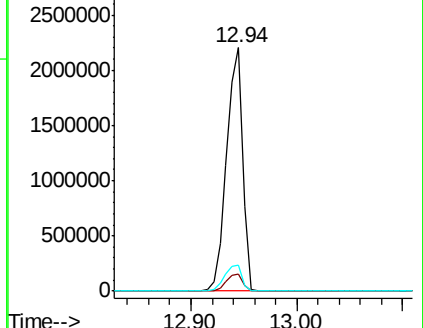
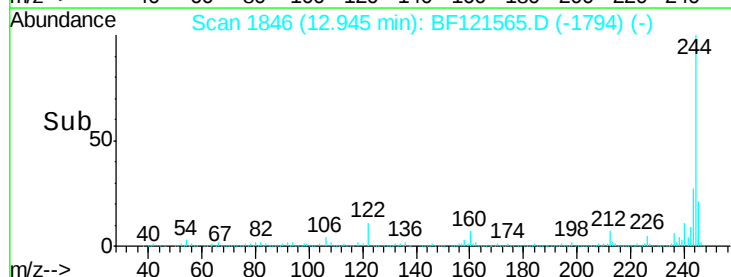
122 10.6 8.7 13.1

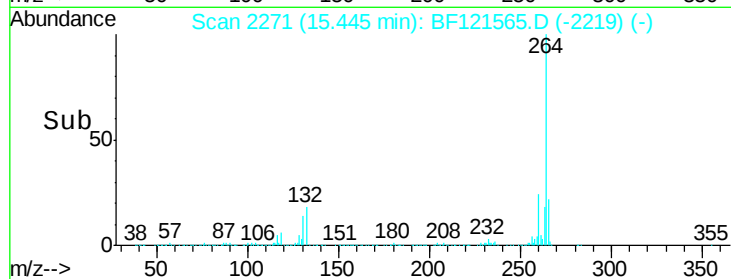
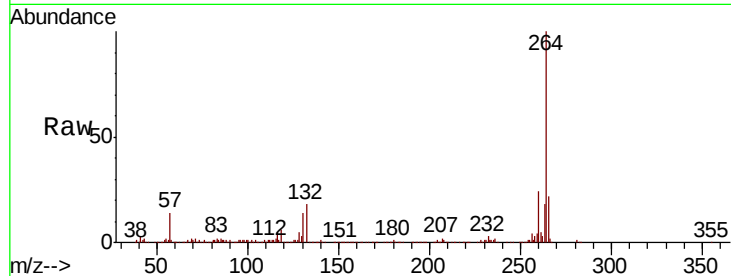
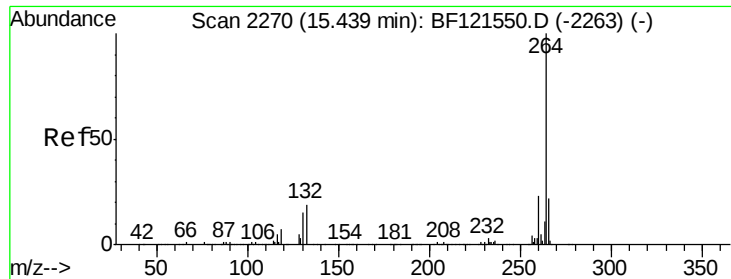


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF121565.D

Acq: 14 Sep 2020 17:34

Instrument :

BNA_F

ClientSampleId :

PAV-091120-DP

Tot Ion: 264 Resp: 433594

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.7 17.8 26.6

