

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
 Data File : BF121563.D
 Acq On : 14 Sep 2020 16:32
 Operator : JU/CG
 Sample : L3993-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B38-091120-0-10

Quant Time: Sep 14 17:21:29 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

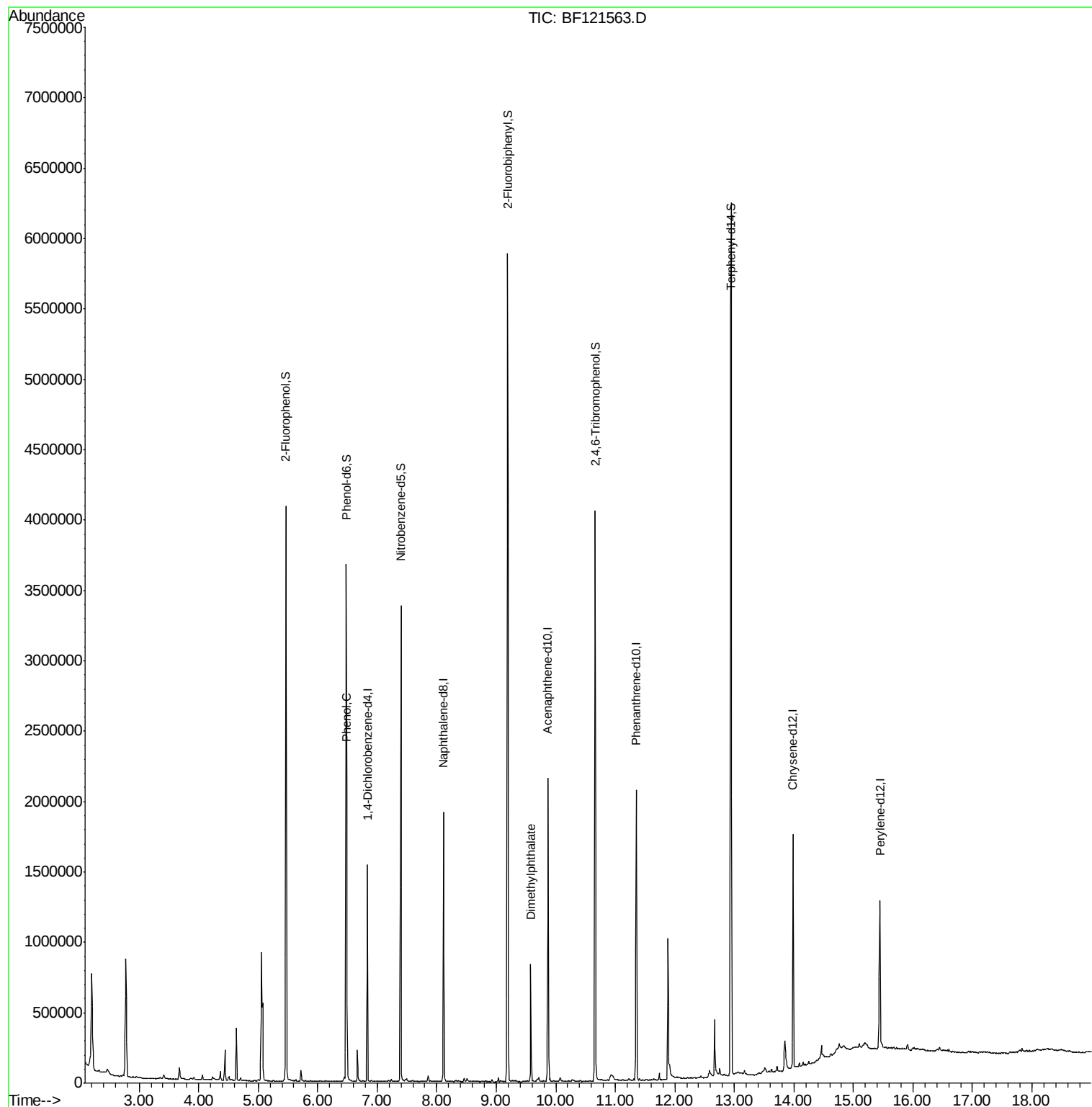
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	198437	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	777657	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	394300	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	751407	20.00	ng	0.00
76) Chrysene-d12	13.99	240	556779	20.00	ng	0.00
86) Perylene-d12	15.44	264	444833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1136850	85.14	ng	0.02
7) Phenol-d6	6.48	99	1285713	73.39	ng	0.02
23) Nitrobenzene-d5	7.40	82	1173686	81.03	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	543137	110.83	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1952357	74.99	ng	0.00
79) Terphenyl-d14	12.94	244	2181315	79.37	ng	0.00
Target Compounds						
10) Phenol	6.49	94	51929	2.784	ng	96
50) Dimethylphthalate	9.59	163	347734	12.168	ng	99

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

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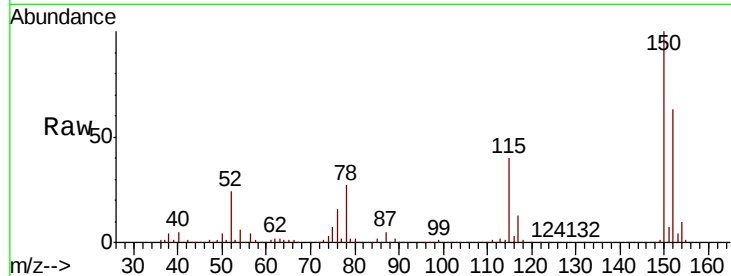


#1

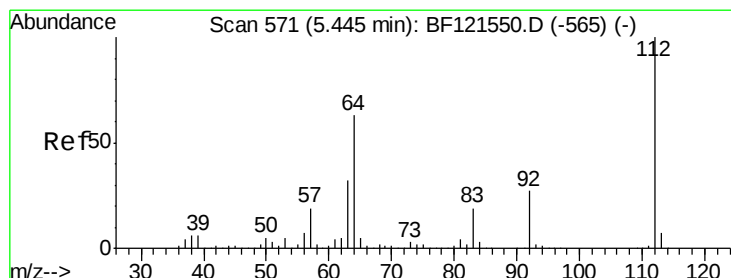
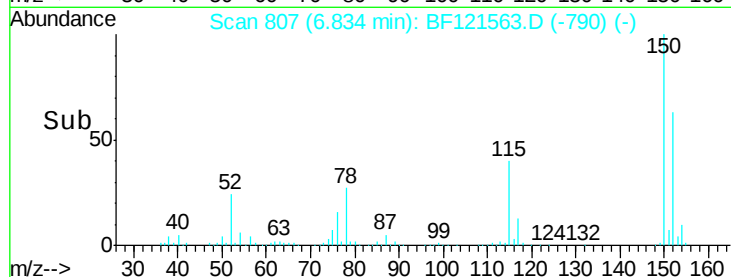
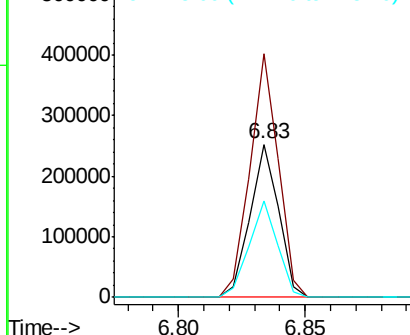
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF121563.D
Acq: 14 Sep 2020 16:32

Instrument :
BNA_F
ClientSampleId :
PAV-B38-091120-0-10

Tot Ion:152 Resp: 198437
Ion Ratio Lower Upper
152 100
150 159.4 125.8 188.6
115 63.4 47.8 71.8



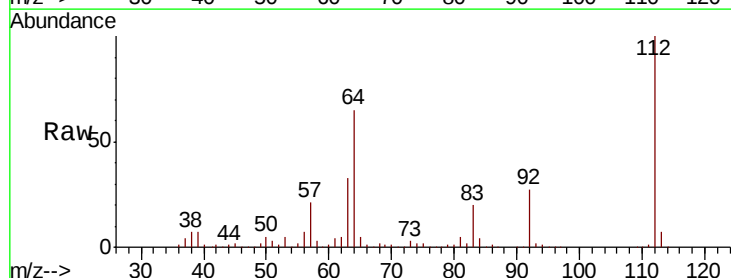
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



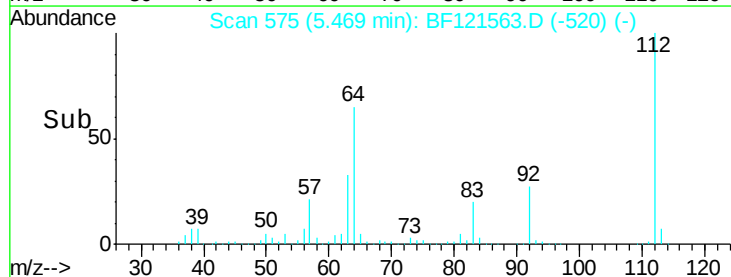
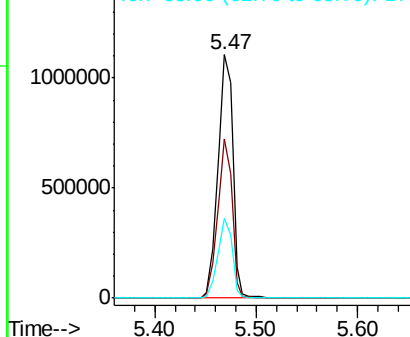
#5

2-Fluorophenol
Concen: 85.140 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.02 min
Lab File: BF121563.D
Acq: 14 Sep 2020 16:32

Tgt Ion:112 Resp: 1136850
Ion Ratio Lower Upper
112 100
64 65.3 50.3 75.5
63 32.9 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: 73.394 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF121563.D

Acq: 14 Sep 2020 16:32

Instrument :

BNA_F

ClientSampleId :

PAV-B38-091120-0-10

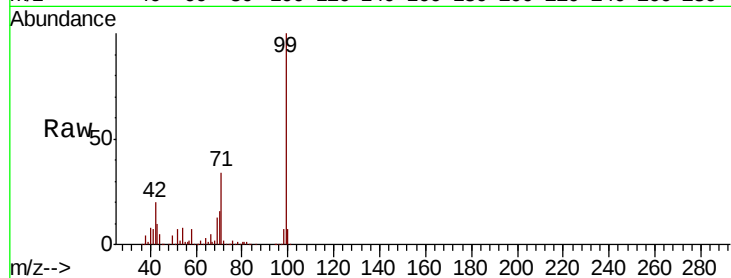
Tot Ion: 99 Resp: 1285713

Ion Ratio Lower Upper

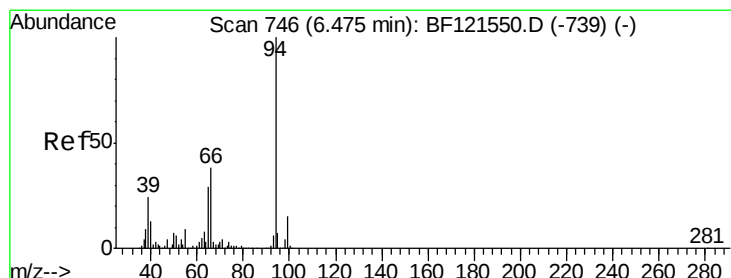
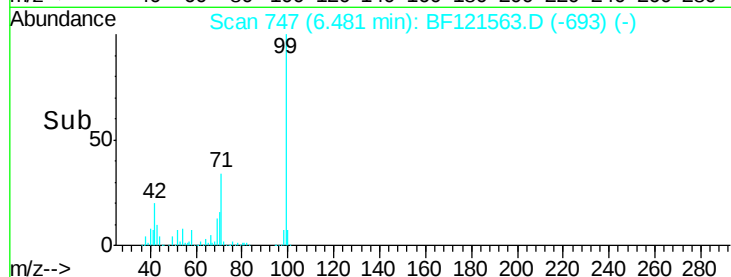
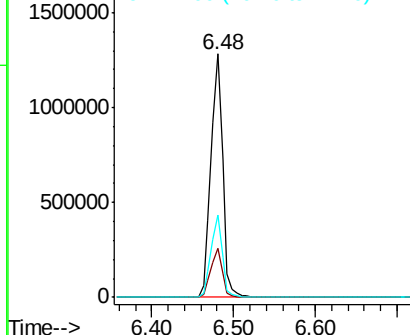
99 100

42 20.1 15.5 23.3

71 33.7 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: 2.784 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.02 min

Lab File: BF121563.D

Acq: 14 Sep 2020 16:32

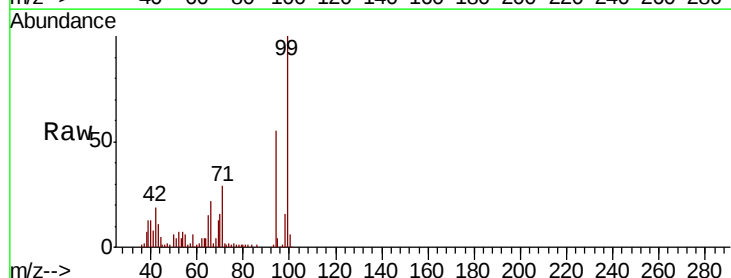
Tgt Ion: 94 Resp: 51929

Ion Ratio Lower Upper

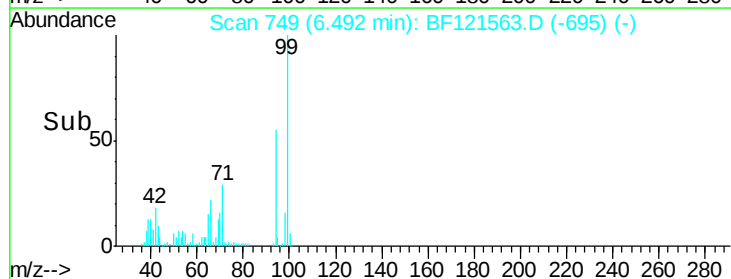
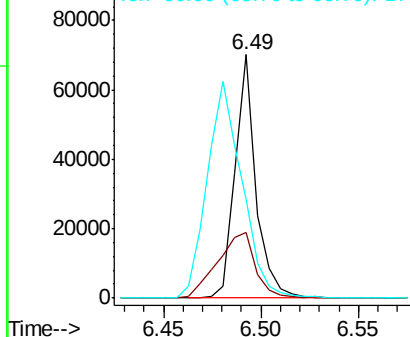
94 100

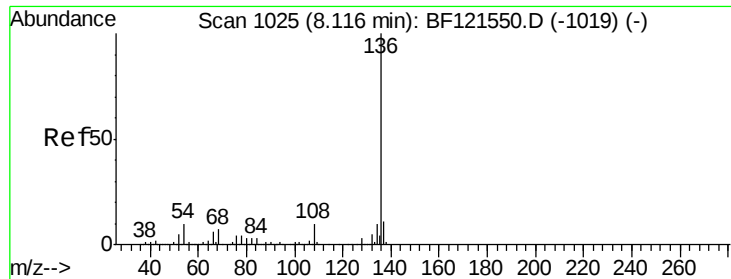
65 27.2 9.4 49.4

66 40.5 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: BF121563.D

Acq: 14 Sep 2020 16:32

Instrument :

BNA_F

ClientSampleId :

PAV-B38-091120-0-10

Tot Ion:136 Resp: 777657

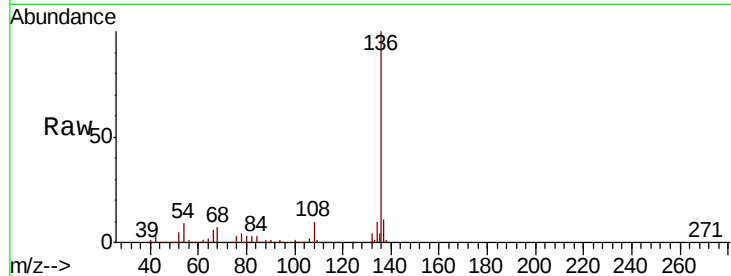
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 9.1 7.6 11.4

68 6.9 5.7 8.5

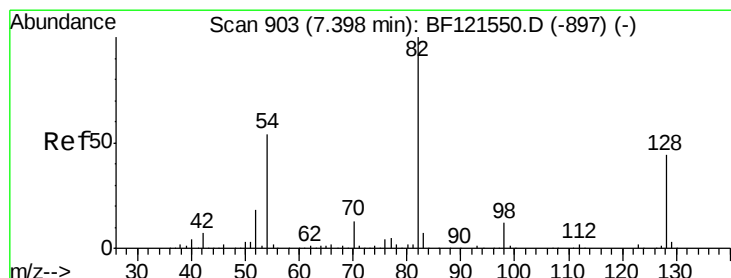
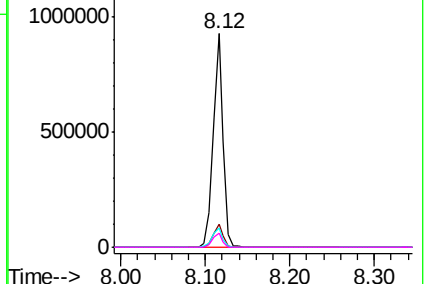
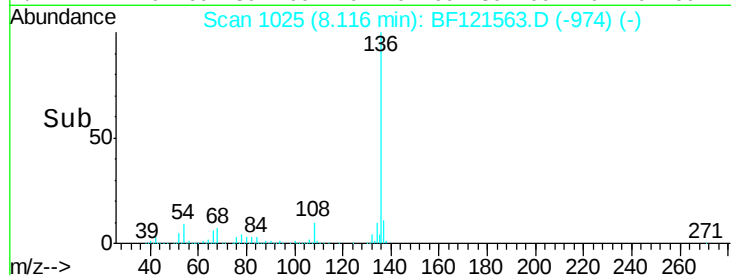


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.035 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF121563.D

Acq: 14 Sep 2020 16:32

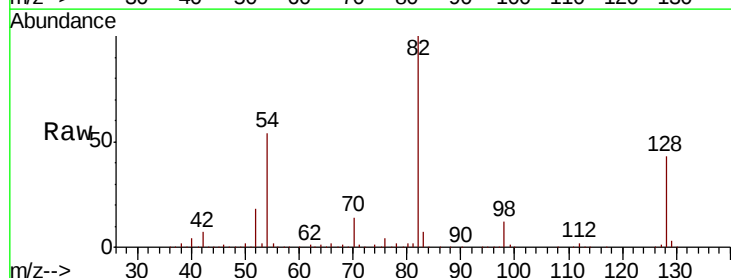
Tgt Ion: 82 Resp: 1173686

Ion Ratio Lower Upper

82 100

128 43.4 35.1 52.7

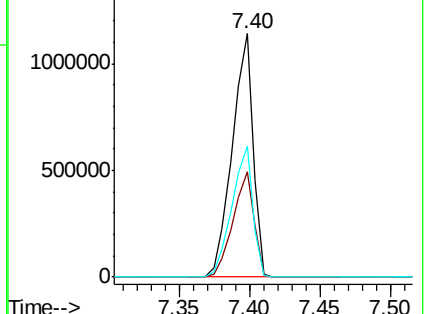
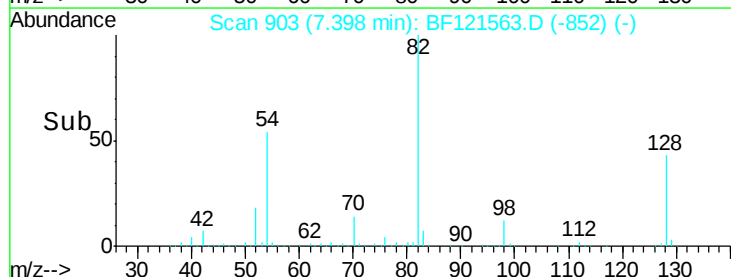
54 54.0 43.0 64.6

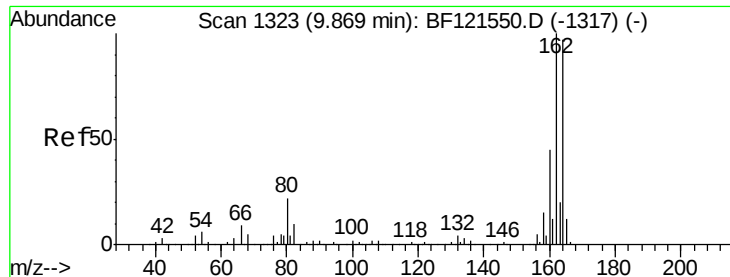


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

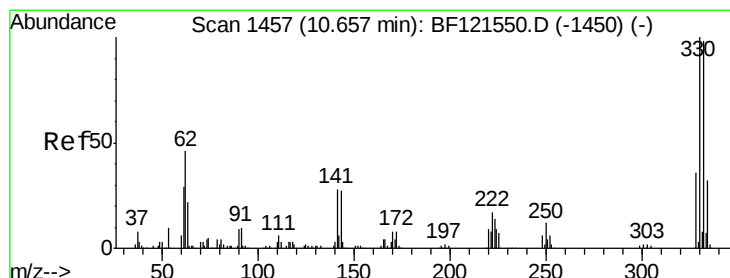
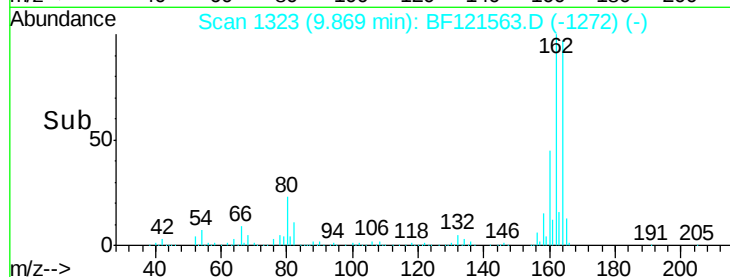
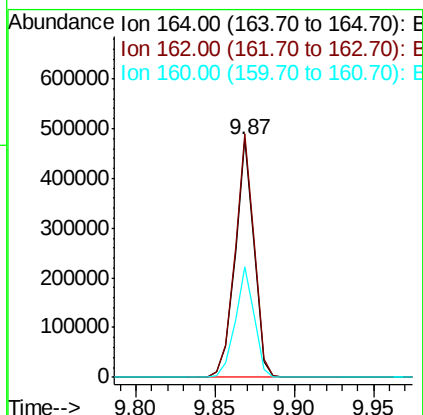
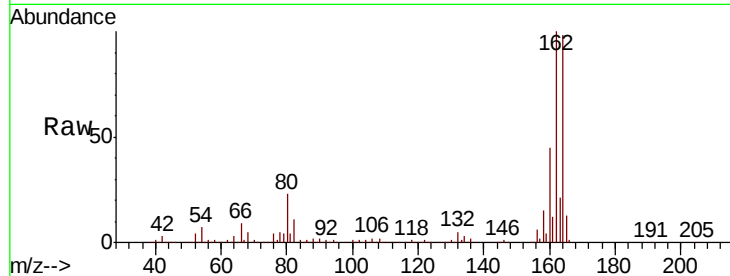




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF121563.D
 Acq: 14 Sep 2020 16:32

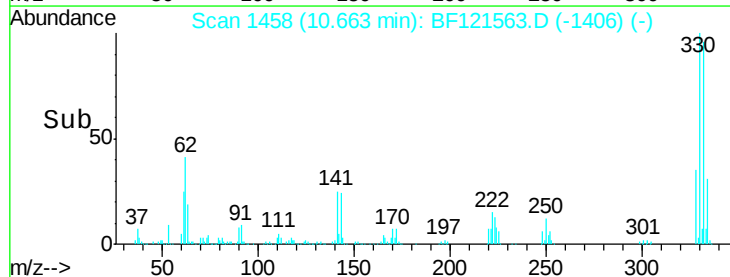
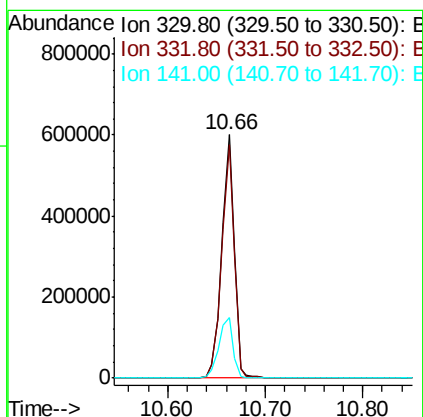
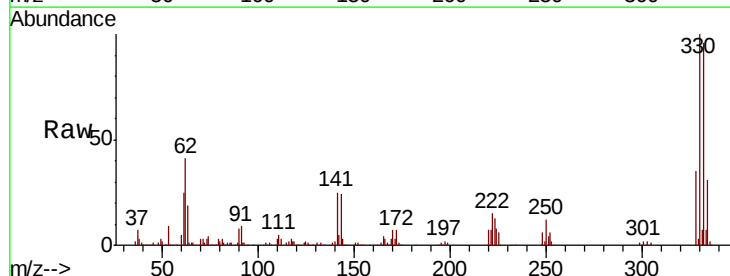
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B38-091120-0-10

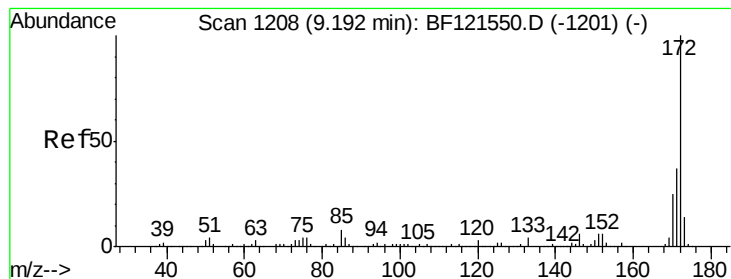
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.3	123.5
160	46.3	37.0	55.4



#42
 2,4,6-Tribromophenol
 Concen: 110.830 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: BF121563.D
 Acq: 14 Sep 2020 16:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	28.1	23.6	35.4





#45

2-Fluorobiphenyl

Concen: 74.991 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF121563.D

Acq: 14 Sep 2020 16:32

Instrument :

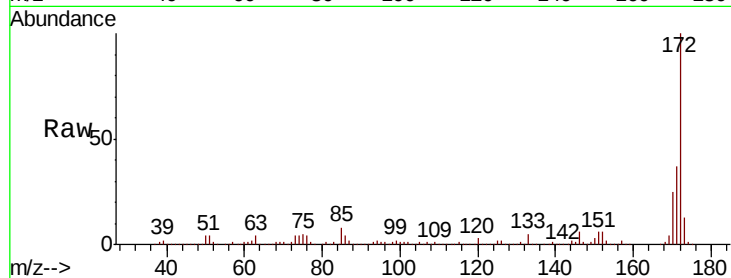
BNA_F

ClientSampleId :

PAV-B38-091120-0-10

Tot Ion:172 Resp: 1952357

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.6
170	25.2	19.8	29.8

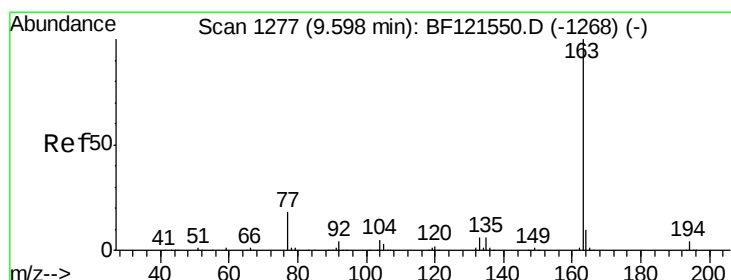
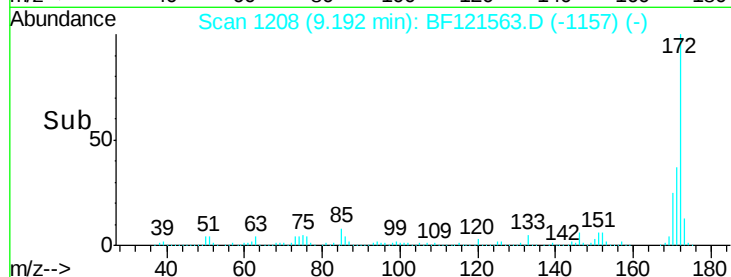
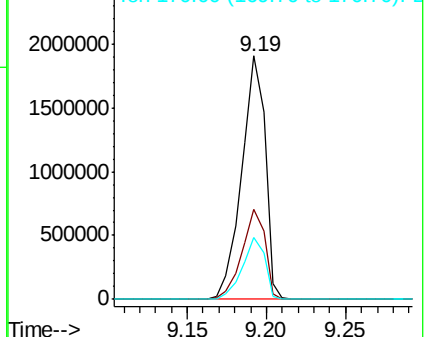


Abundance

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: 12.168 ng

RT: 9.59 min Scan# 1275

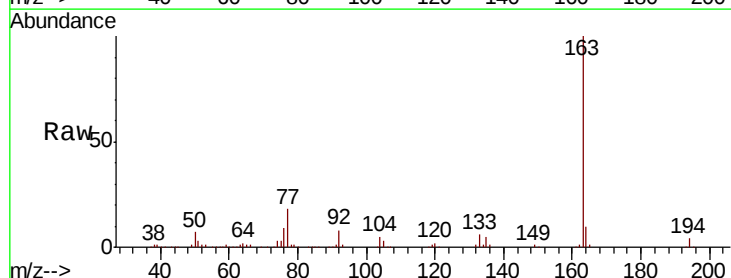
Delta R.T. -0.01 min

Lab File: BF121563.D

Acq: 14 Sep 2020 16:32

Tgt Ion:163 Resp: 347734

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	9.7	7.9	11.9

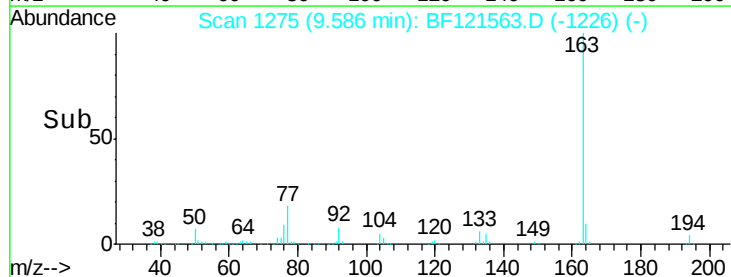
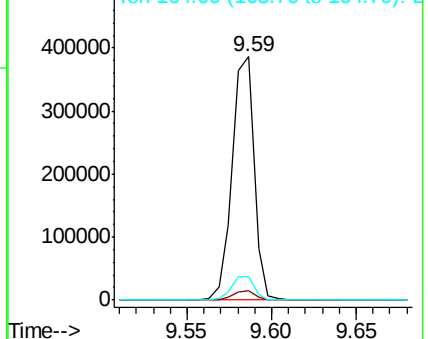


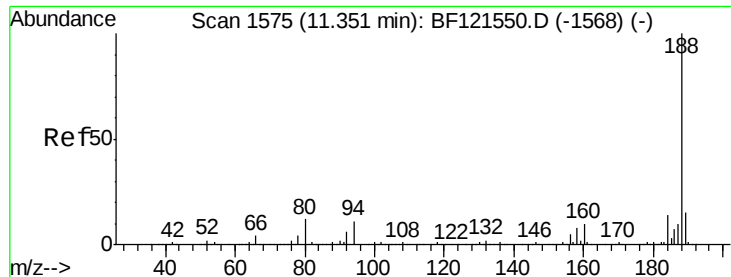
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF121563.D

Acq: 14 Sep 2020 16:32

Instrument :

BNA_F

ClientSampleId :

PAV-B38-091120-0-10

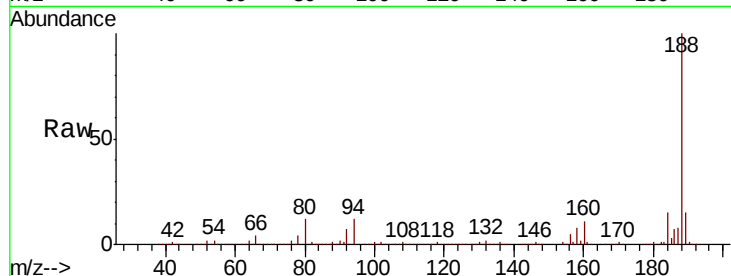
Tot Ion:188 Resp: 751407

Ion Ratio Lower Upper

188 100

94 11.9 8.7 13.1

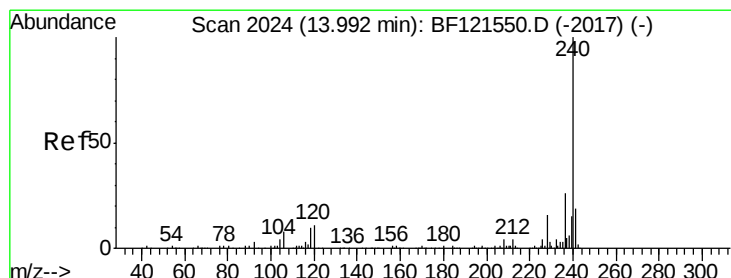
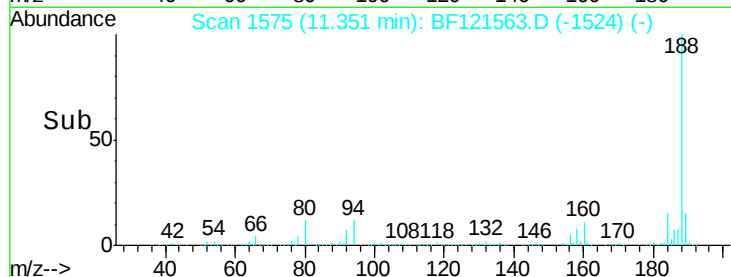
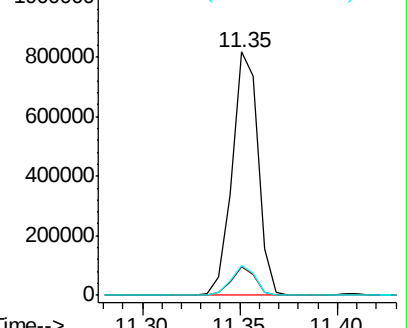
80 12.5 9.3 13.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF121563.D

Acq: 14 Sep 2020 16:32

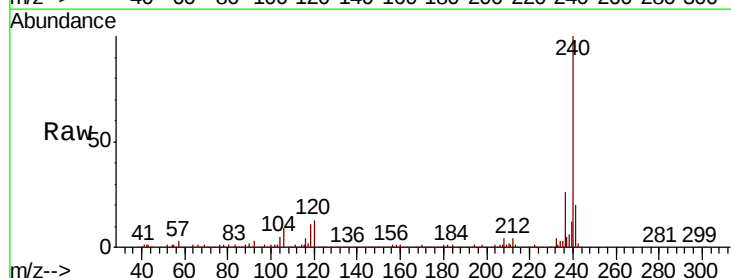
Tgt Ion:240 Resp: 556779

Ion Ratio Lower Upper

240 100

120 13.2 9.2 13.8

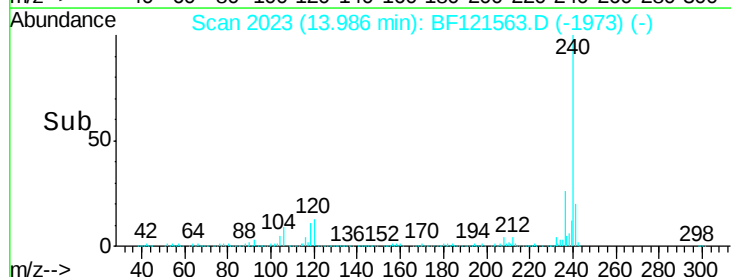
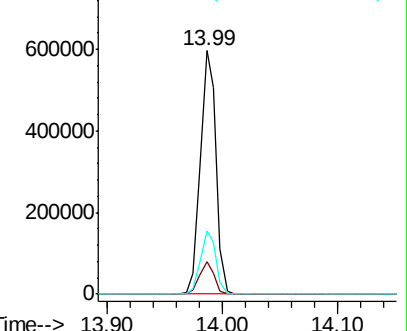
236 26.1 20.5 30.7

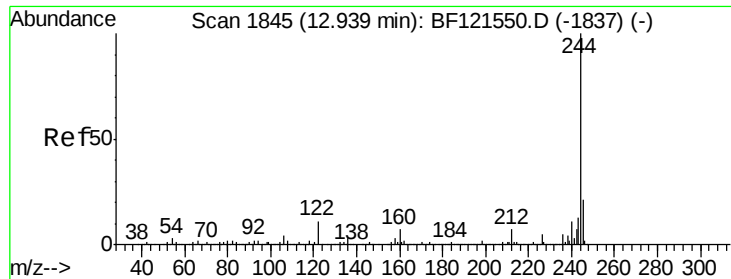


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.370 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BF121563.D

Acq: 14 Sep 2020 16:32

Instrument :

BNA_F

ClientSampleId :

PAV-B38-091120-0-10

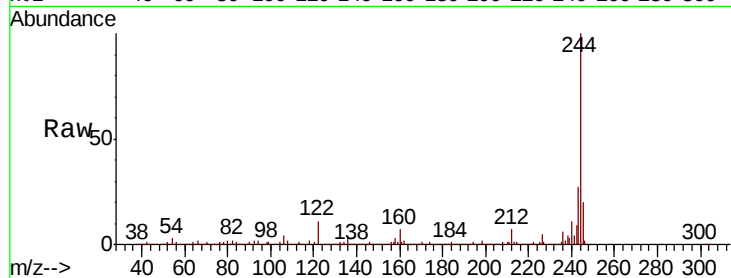
Tot Ion:244 Resp: 2181315

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

122 10.6 8.7 13.1

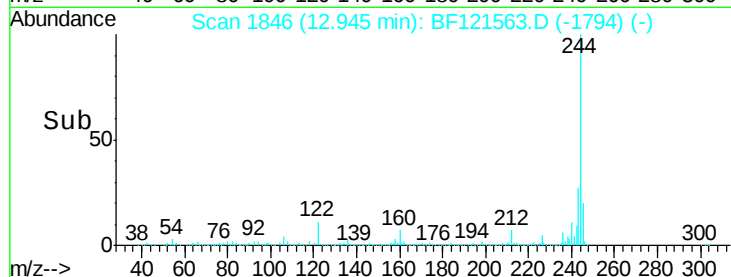


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



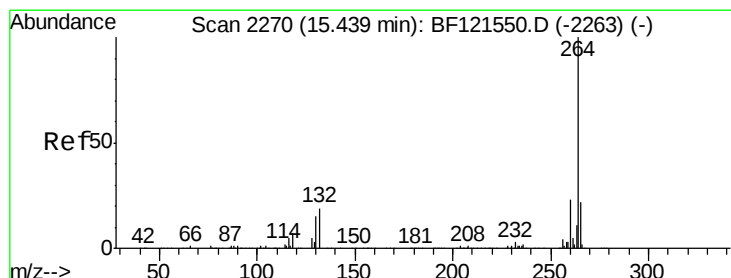
Abundance

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

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF121563.D

Acq: 14 Sep 2020 16:32

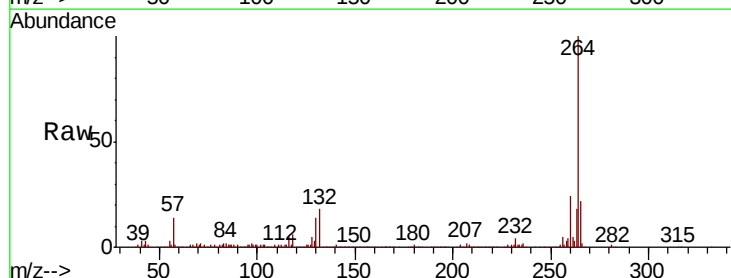
Tgt Ion:264 Resp: 444833

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.6 17.8 26.6

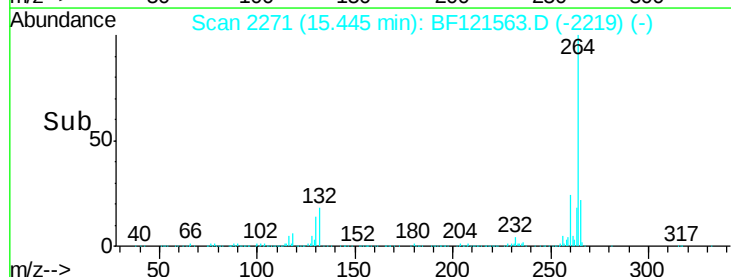


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



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

Time-->