

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
 Data File : BF121890.D
 Acq On : 8 Oct 2020 15:43
 Operator : JU/CG
 Sample : L4297-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-RBR-200034

Quant Time: Oct 08 16:28:46 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

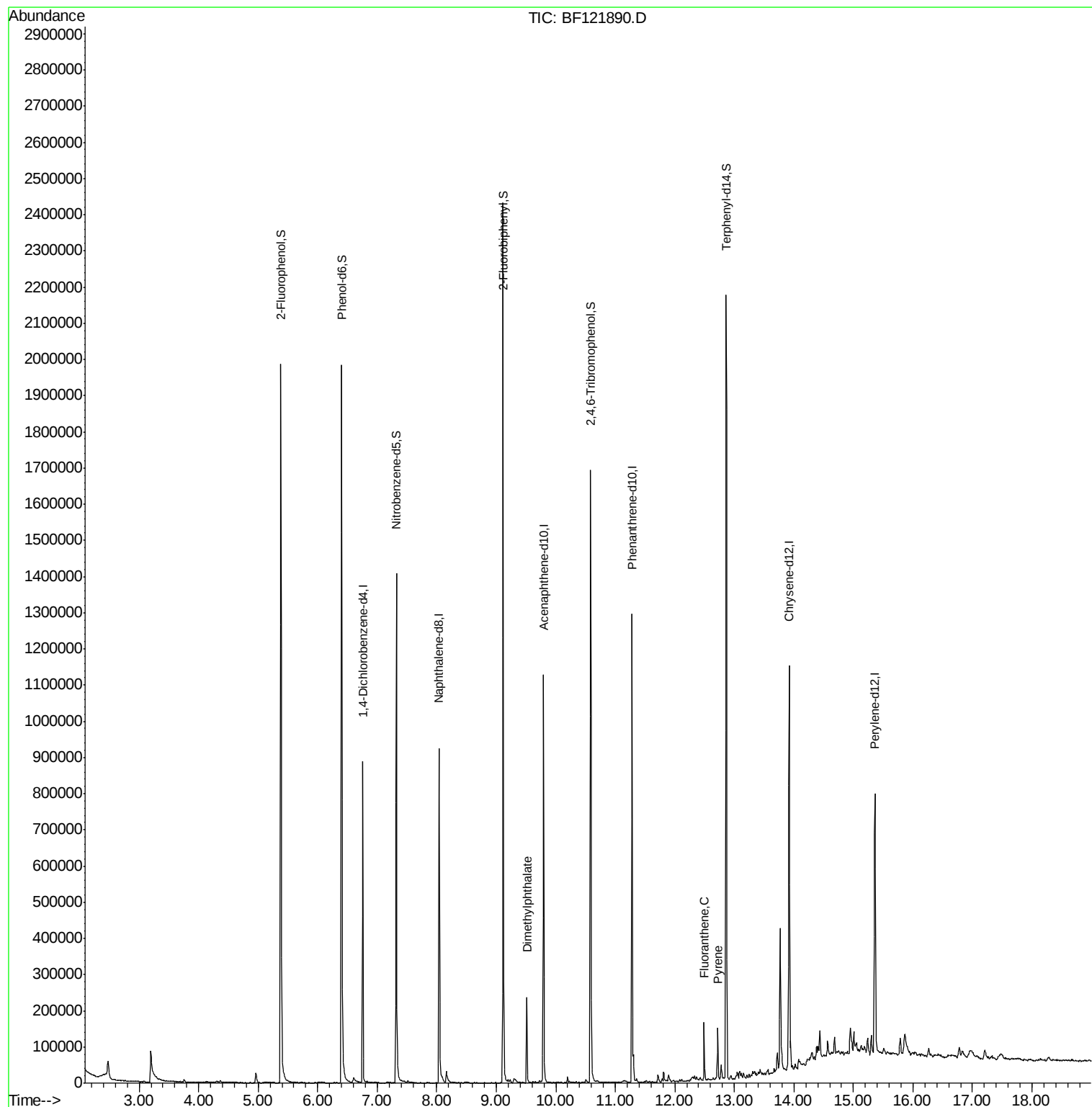
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	111862	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	456806	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	243256	20.00	ng	-0.02
64) Phenanthrene-d10	11.28	188	460395	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	335696	20.00	ng	-0.01
86) Perylene-d12	15.36	264	307058	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	549170	72.96	ng	0.00
7) Phenol-d6	6.40	99	689708	69.84	ng	-0.01
23) Nitrobenzene-d5	7.32	82	464475	54.59	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	215607	71.31	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	746467	46.48	ng	-0.02
79) Terphenyl-d14	12.86	244	661552	39.92	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.52	163	106079	6.017	ng	99
75) Fluoranthene	12.49	202	62035	2.317	ng	98
78) Pyrene	12.72	202	55667	2.270	ng	97

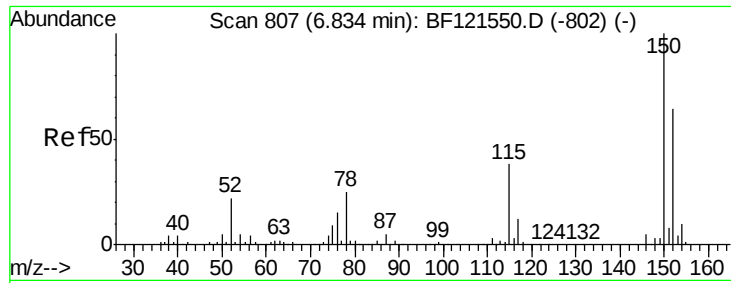
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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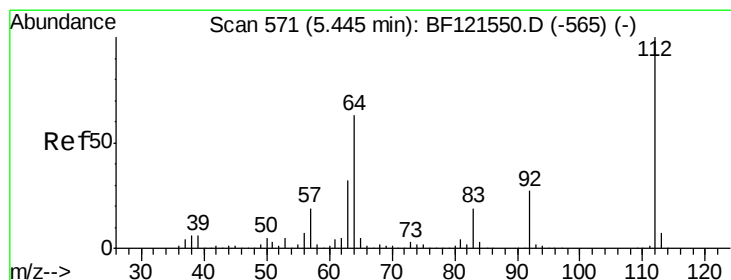
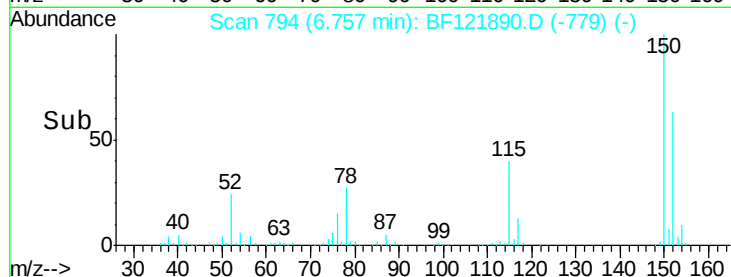
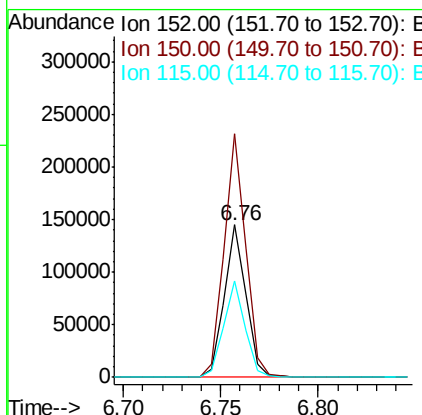
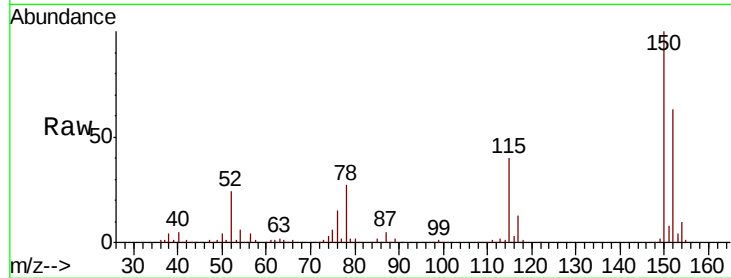


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF121890.D
 Acq: 8 Oct 2020 15:43

Instrument :
 BNA_F
 ClientSampleId :
 RO-RBR-200034

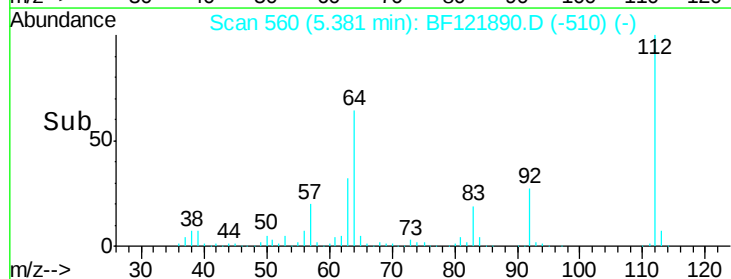
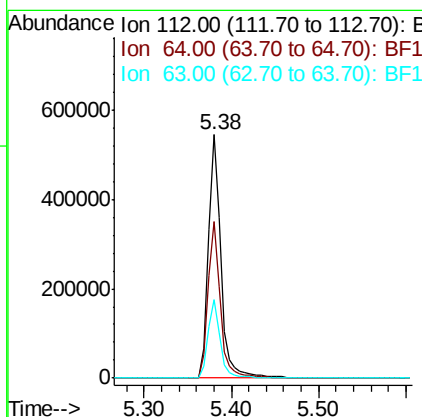
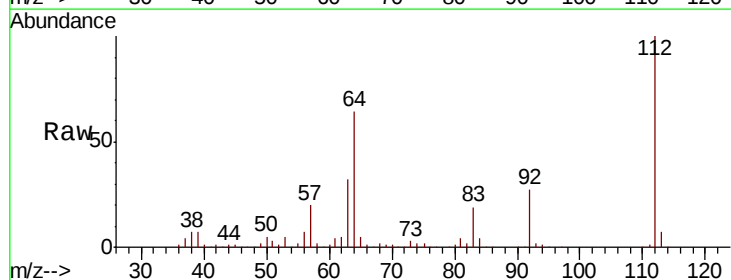
Tot Ion:152 Resp: 111862
 Ion Ratio Lower Upper
 152 100
 150 160.0 125.3 187.9
 115 63.6 51.9 77.9

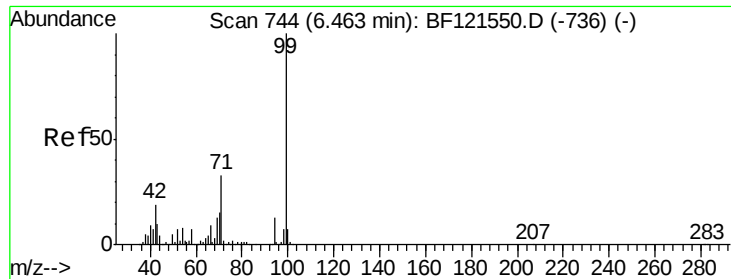


#5

2-Fluorophenol
 Concen: 72.959 ng
 RT: 5.38 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF121890.D
 Acq: 8 Oct 2020 15:43

Tgt Ion:112 Resp: 549170
 Ion Ratio Lower Upper
 112 100
 64 64.1 50.4 75.6
 63 32.3 25.8 38.6





#7

Phenol-d6

Concen: 69.843 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121890.D

Acq: 8 Oct 2020 15:43

Instrument :

BNA_F

ClientSampleId :

RO-RBR-200034

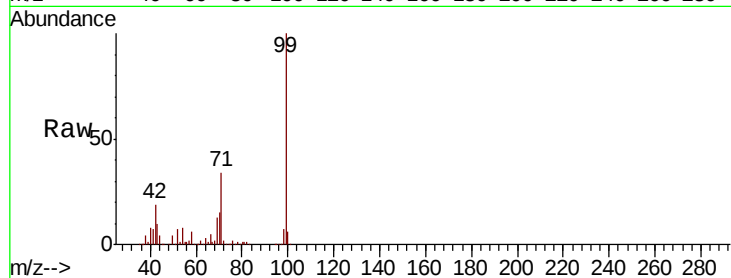
Tot Ion: 99 Resp: 689708

Ion Ratio Lower Upper

99 100

42 19.3 15.9 23.9

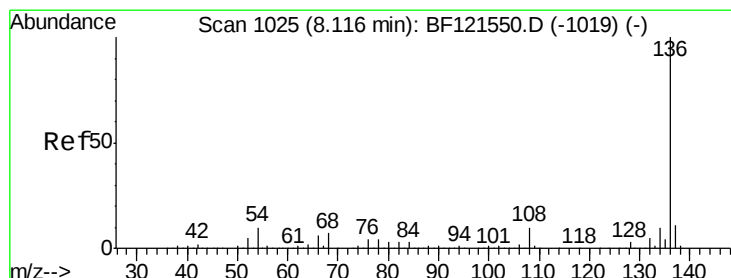
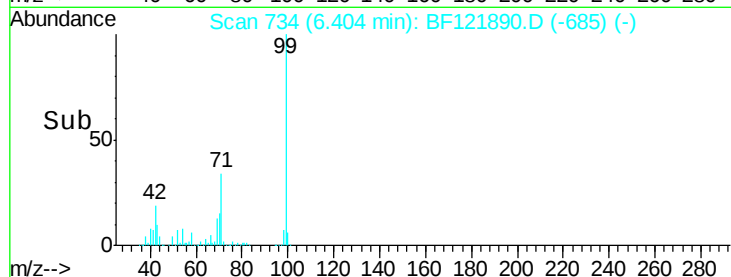
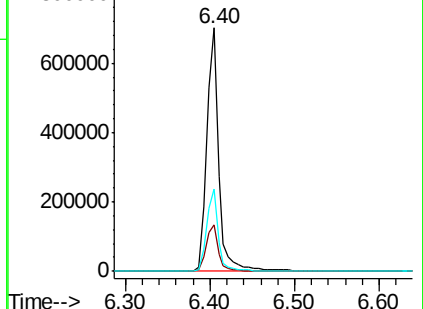
71 33.7 27.1 40.7



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: 8.04 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BF121890.D

Acq: 8 Oct 2020 15:43

Tgt Ion: 136 Resp: 456806

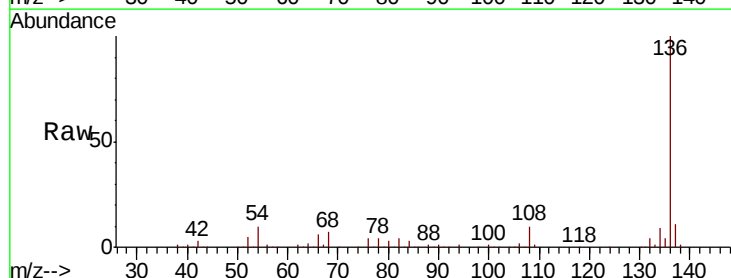
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 9.9 7.1 10.7

68 7.2 5.0 7.4

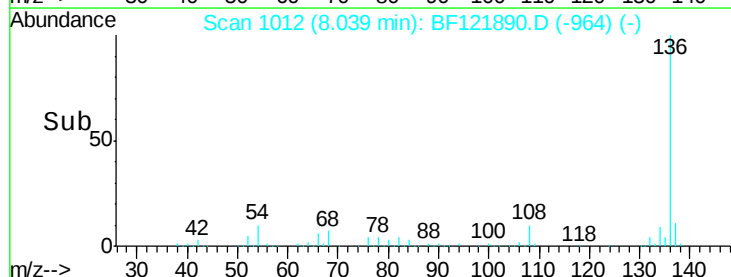
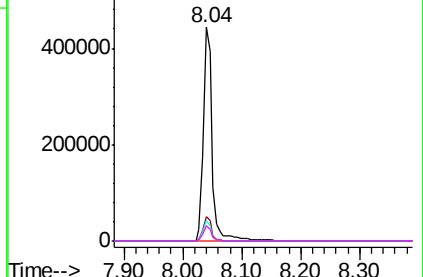


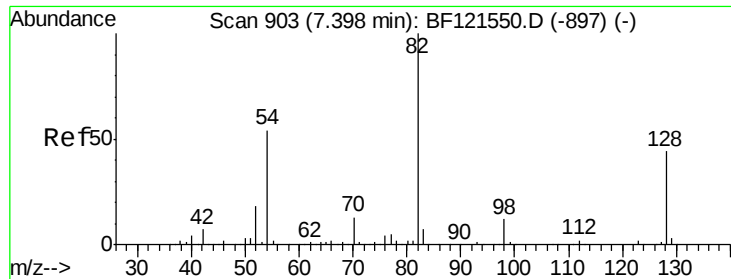
Abundance Ion 136.00 (135.70 to 136.70): E

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

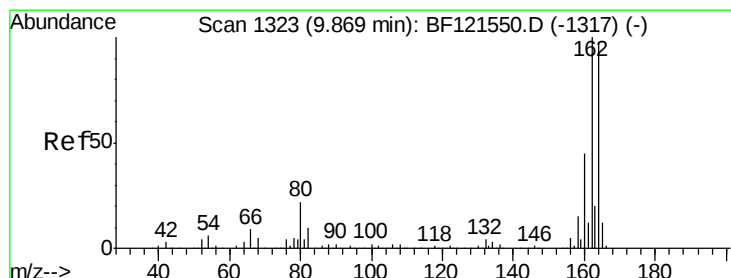
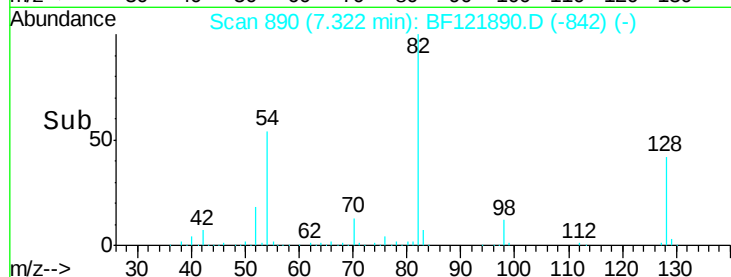
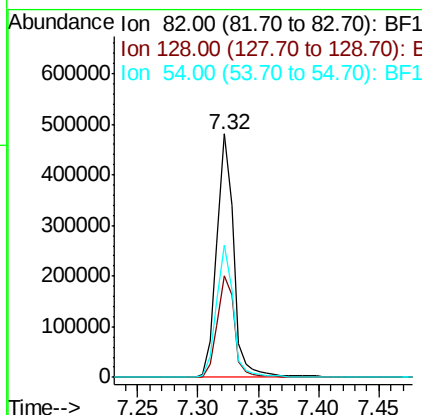
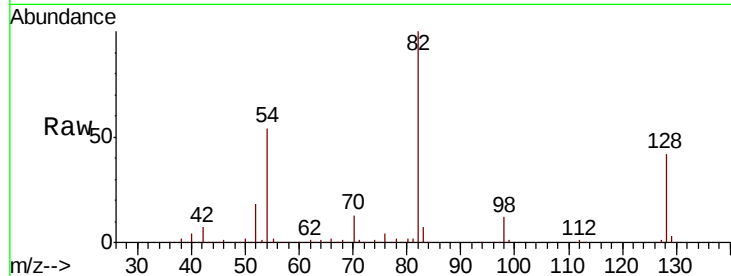




#23
Nitrobenzene-d5
Concen: 54.593 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF121890.D
Acq: 8 Oct 2020 15:43

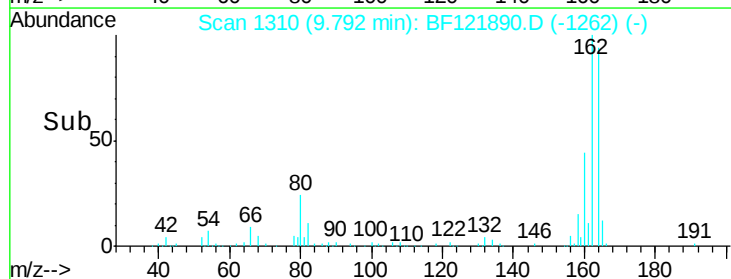
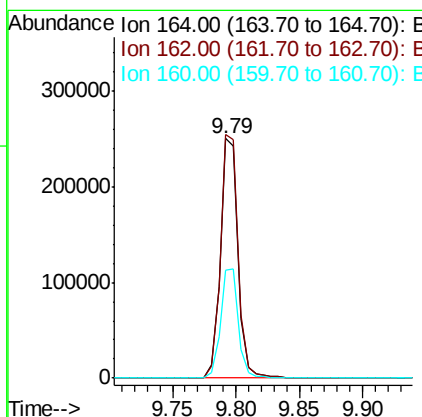
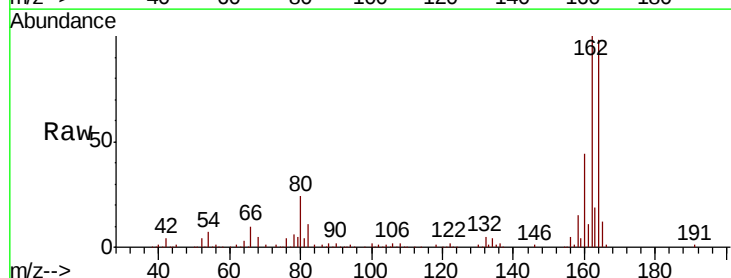
Instrument :
BNA_F
ClientSampleId :
RO-RBR-200034

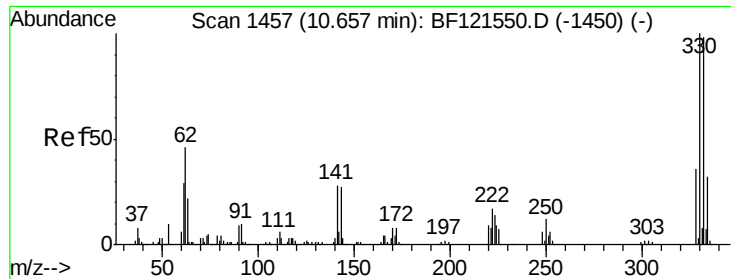
Tot Ion	82	Resp	464475
Ion Ratio	Lower	Upper	
82	100		
128	41.7	35.0	52.4
54	54.5	43.9	65.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF121890.D
Acq: 8 Oct 2020 15:43

Tgt Ion	164	Resp	243256
Ion Ratio	Lower	Upper	
164	100		
162	101.7	83.2	124.8
160	45.1	37.5	56.3

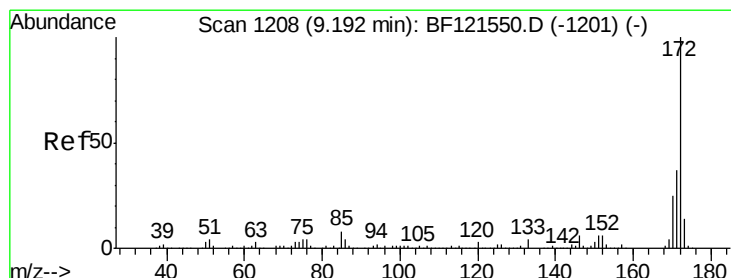
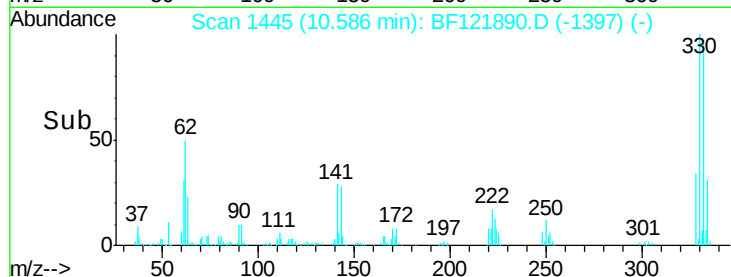
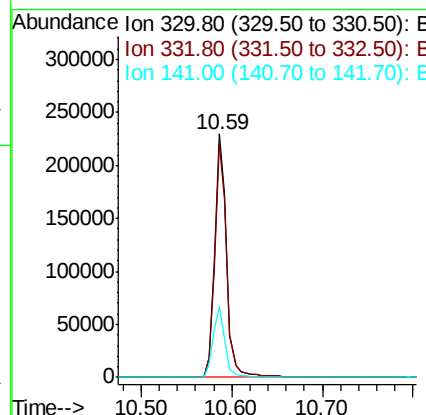
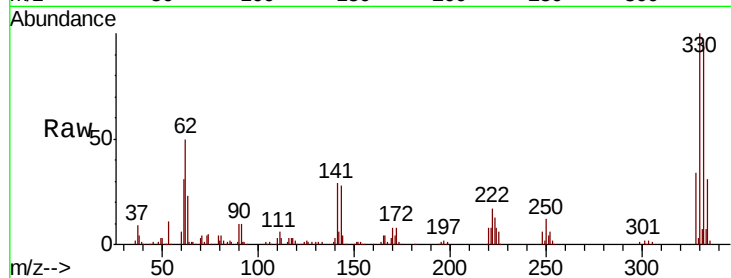




#42
 2,4,6-Tribromophenol
 Concen: 71.314 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF121890.D
 Acq: 8 Oct 2020 15:43

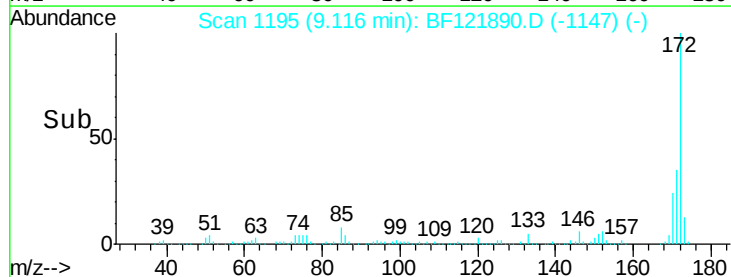
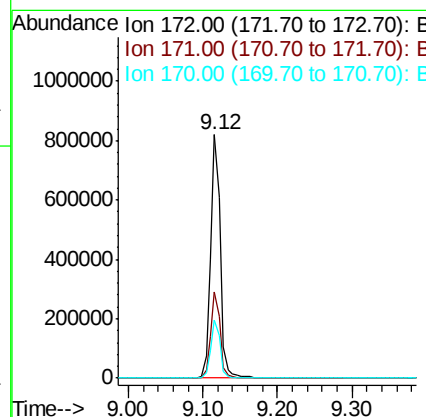
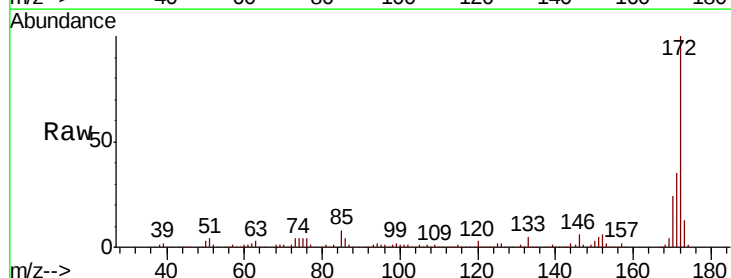
Instrument :
 BNA_F
 ClientSampleId :
 RO-RBR-200034

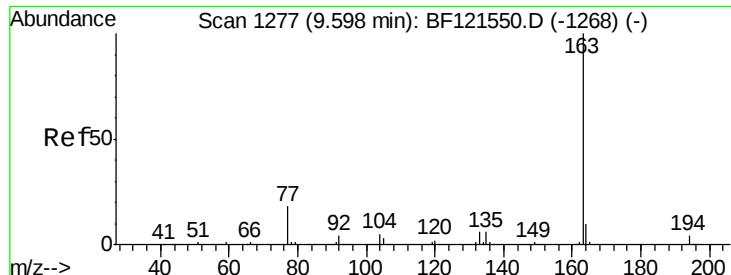
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	29.4	22.3	33.5



#45
 2-Fluorobiphenyl
 Concen: 46.476 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF121890.D
 Acq: 8 Oct 2020 15:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.1	43.7
170	23.6	19.8	29.6

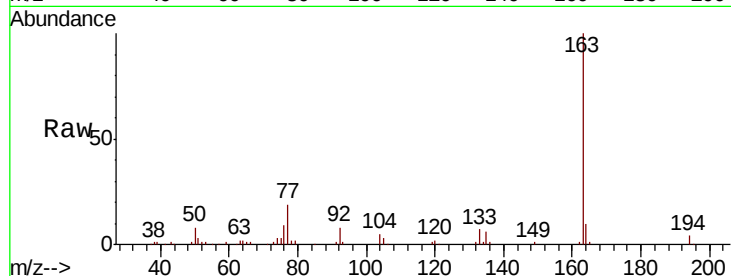




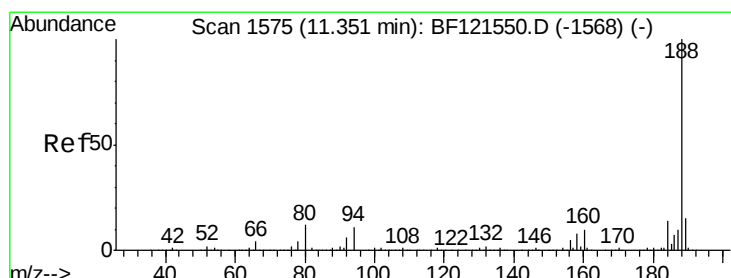
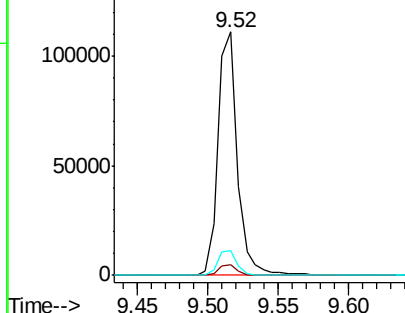
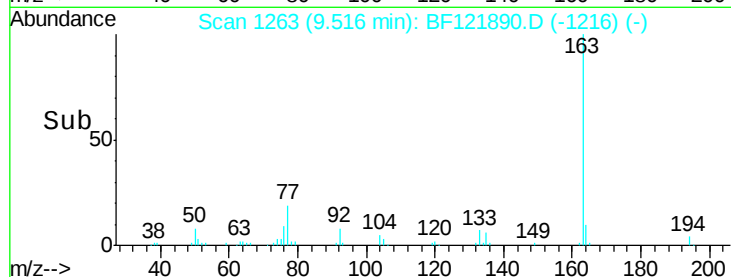
#50
Dimethylphthalate
Concen: 6.017 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF121890.D
Acq: 8 Oct 2020 15:43

Instrument :
BNA_F
ClientSampleId :
RO-RBR-200034

Tot Ion:163 Resp: 106079
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.9 8.2 12.4

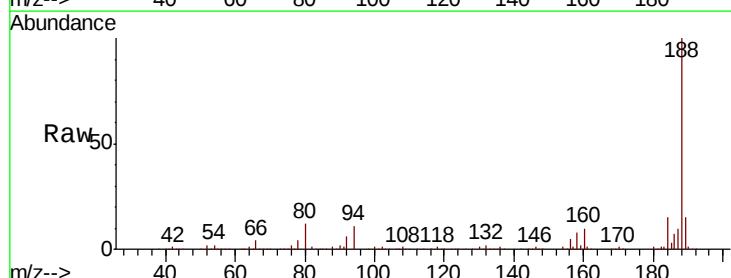


Abundance Ion 163.00 (162.70 to 163.70): E
150000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

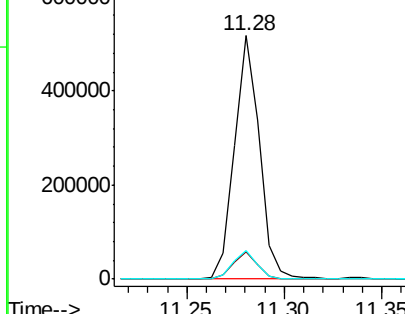
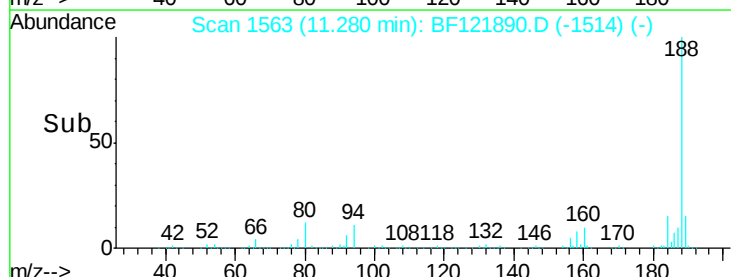


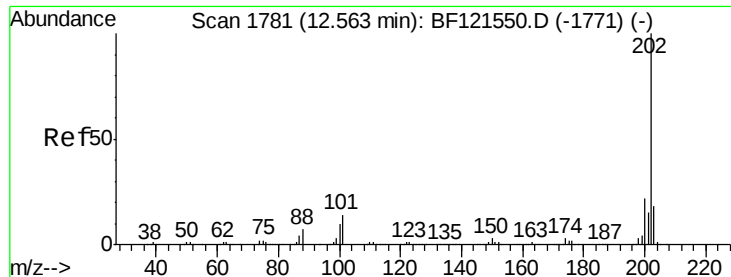
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121890.D
Acq: 8 Oct 2020 15:43

Tgt Ion:188 Resp: 460395
Ion Ratio Lower Upper
188 100
94 11.2 8.3 12.5
80 11.8 9.1 13.7



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





#75

Fluoranthene

Concen: 2.317 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.01 min

Lab File: BF121890.D

Acq: 8 Oct 2020 15:43

Instrument :

BNA_F

ClientSampleId :

RO-RBR-200034

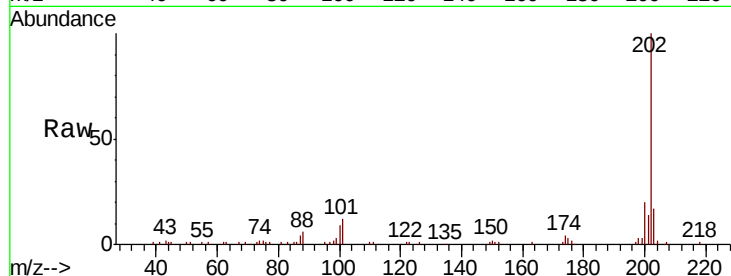
Tot Ion:202 Resp: 62035

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.4

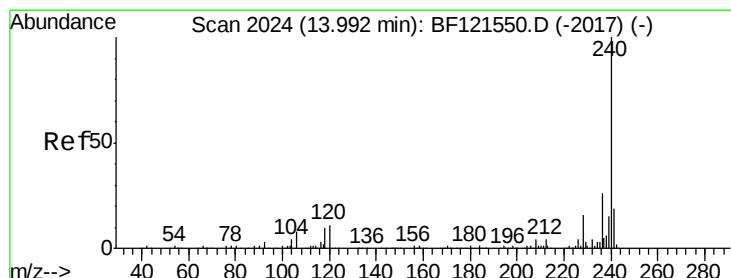
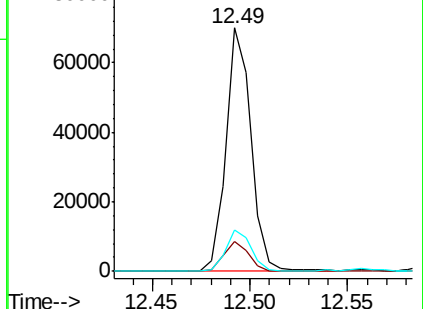
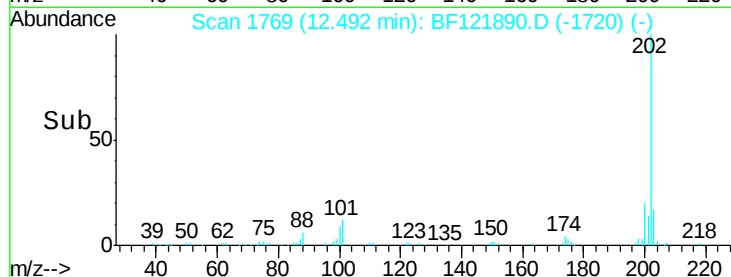
203 17.0 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF121890.D

Acq: 8 Oct 2020 15:43

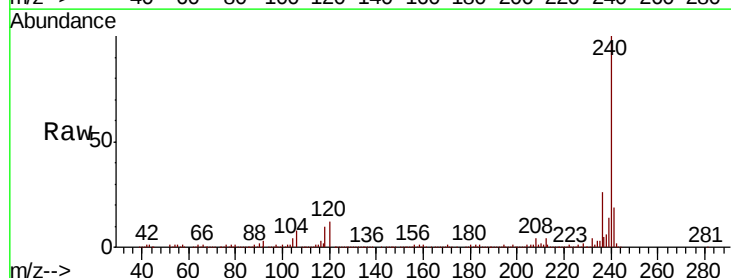
Tgt Ion:240 Resp: 335696

Ion Ratio Lower Upper

240 100

120 11.7 9.2 13.8

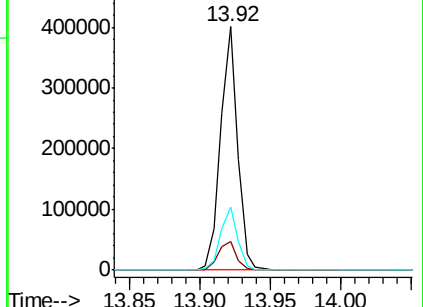
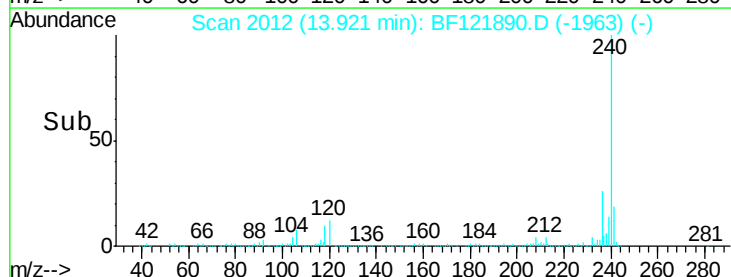
236 26.2 20.9 31.3

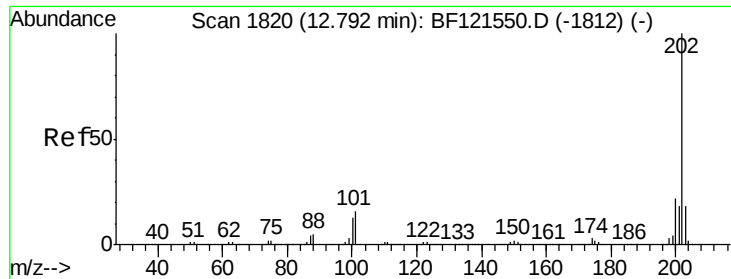


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

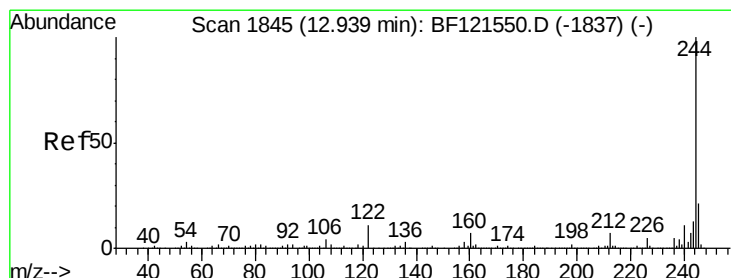
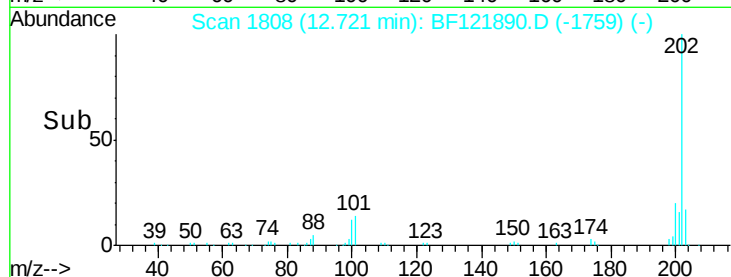
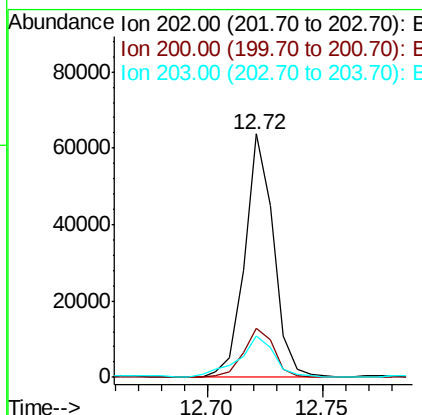
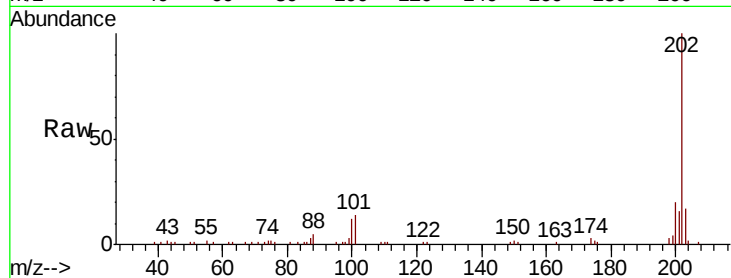




#78
Pvrene
Concen: 2.270 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF121890.D
Acq: 8 Oct 2020 15:43

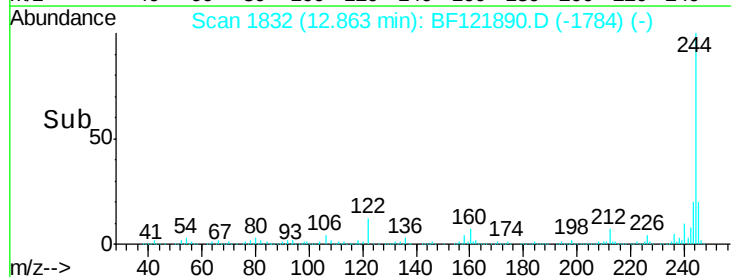
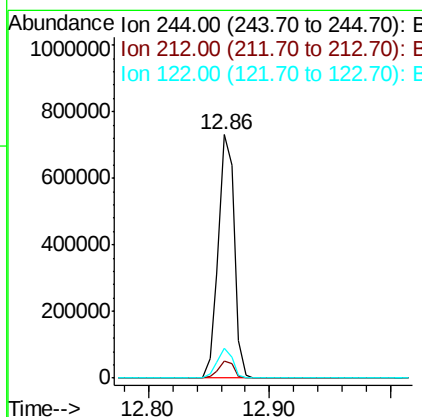
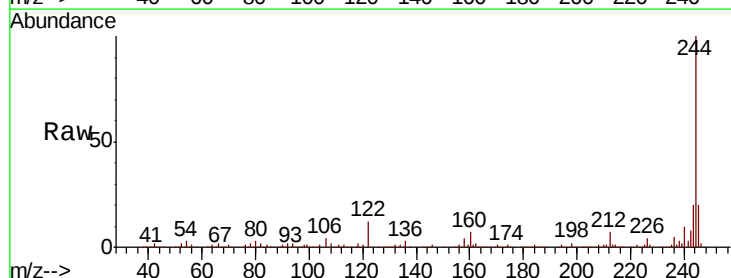
Instrument :
BNA_F
ClientSampleId :
RO-RBR-200034

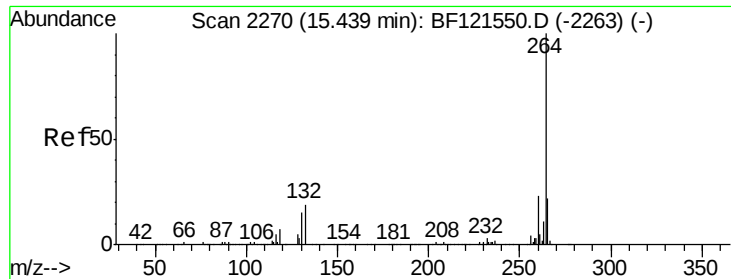
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.1	14.6	21.8



#79
Terphenyl-d14
Concen: 39.924 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF121890.D
Acq: 8 Oct 2020 15:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	12.1	8.1	12.1#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2257
 Delta R.T. 0.00 min
 Lab File: BF121890.D
 Acq: 8 Oct 2020 15:43

Instrument :
 BNA_F
 ClientSampleId :
 RO-RBR-200034

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.0	17.3	25.9

