

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
 Data File : BF121896.D
 Acq On : 8 Oct 2020 18:50
 Operator : JU/CG
 Sample : L4297-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-RBR-200031

Quant Time: Oct 09 00:39:49 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

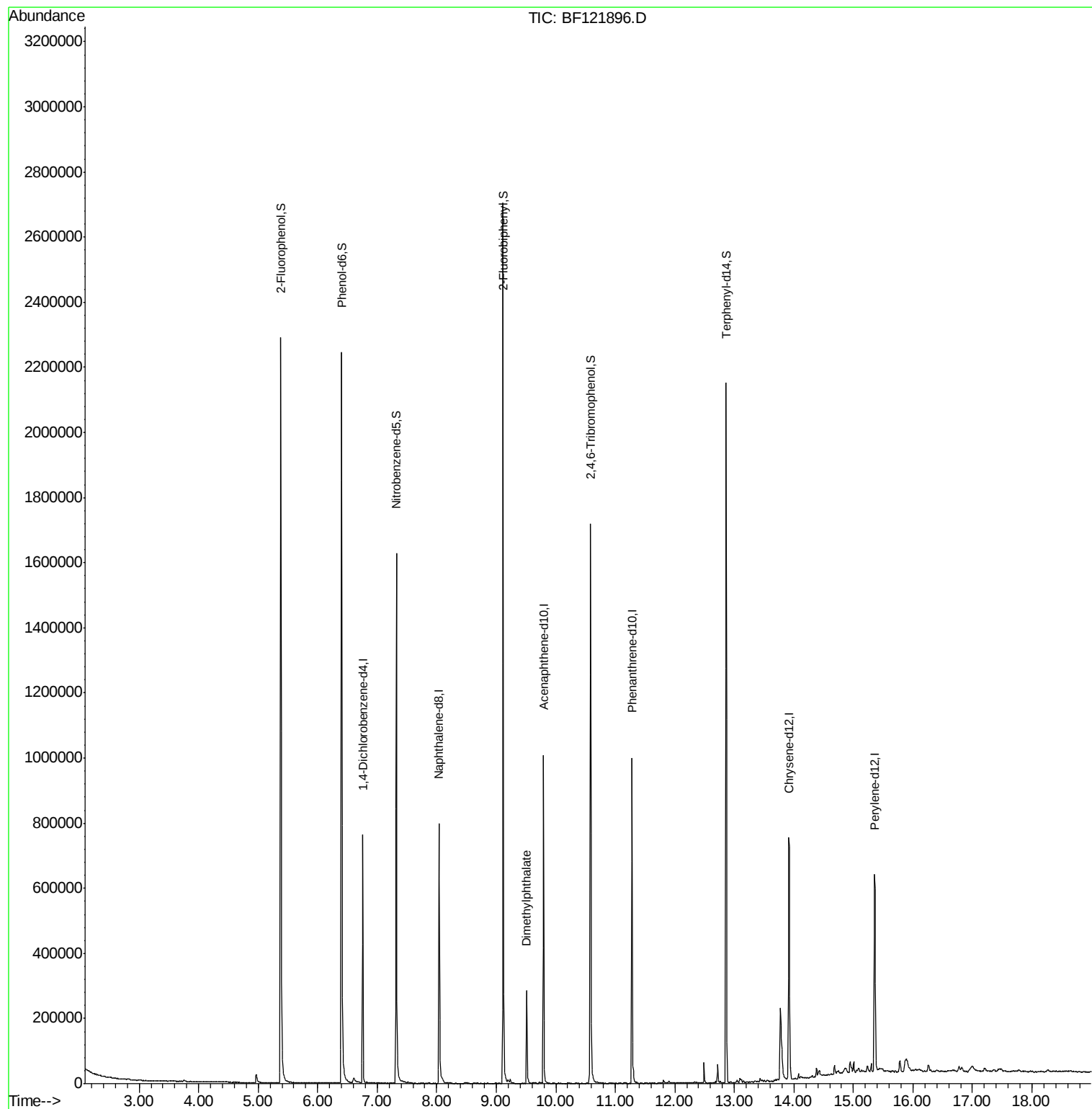
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	97994	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	396328	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	202962	20.00	ng	-0.02
64) Phenanthrene-d10	11.28	188	376041	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	265503	20.00	ng	-0.01
86) Perylene-d12	15.36	264	273940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	646143	97.99	ng	0.00
7) Phenol-d6	6.40	99	805276	93.09	ng	-0.01
23) Nitrobenzene-d5	7.32	82	572630	77.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	221886	87.96	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	788433	58.83	ng	-0.02
79) Terphenyl-d14	12.86	244	602332	45.96	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.51	163	132791	9.027	ng	Qvalue 99

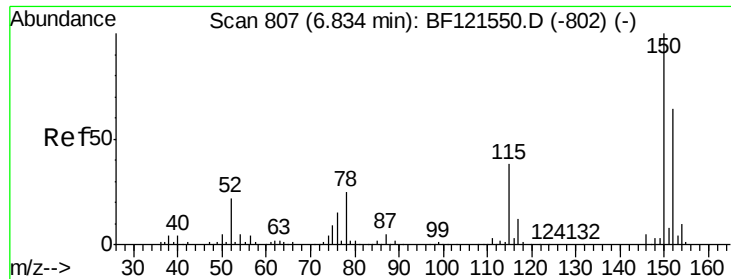
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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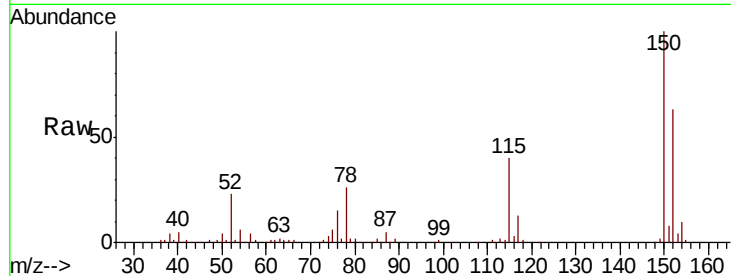


#1

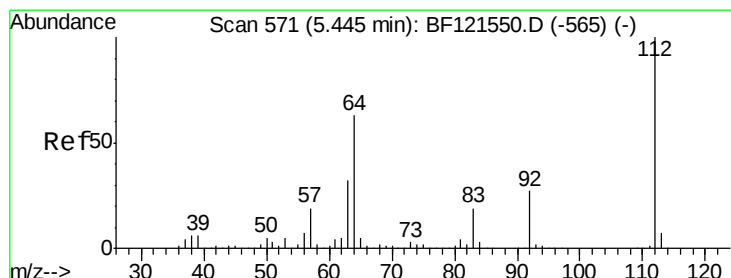
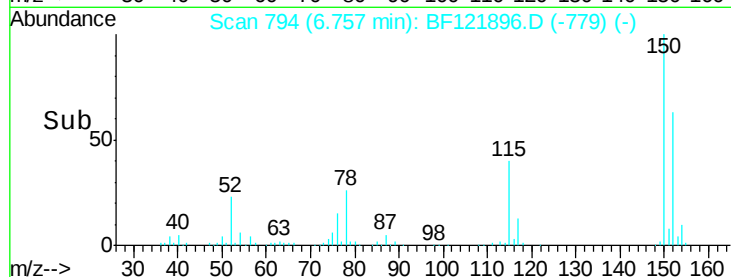
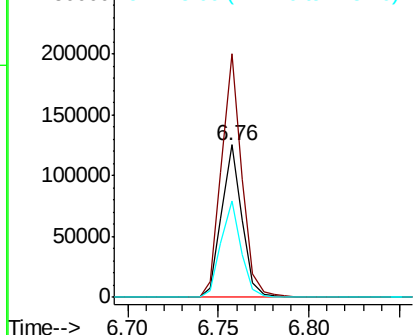
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF121896.D
Acq: 8 Oct 2020 18:50

Instrument :
BNA_F
ClientSampleId :
RO-RBR-200031

Tot Ion:152 Resp: 97994
Ion Ratio Lower Upper
152 100
150 160.0 125.3 187.9
115 63.4 51.9 77.9



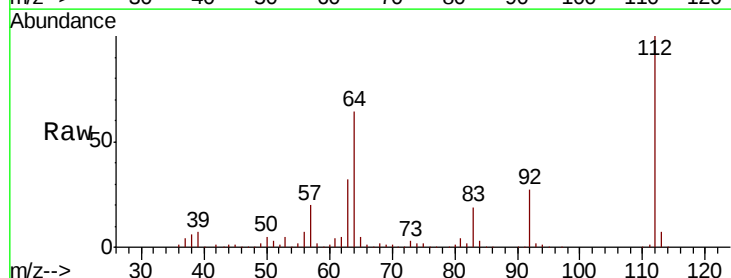
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



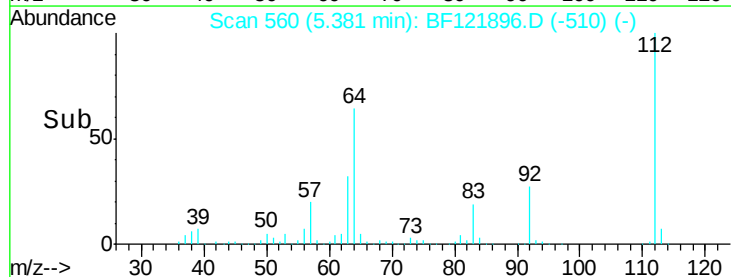
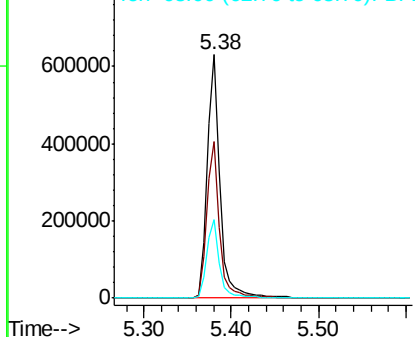
#5

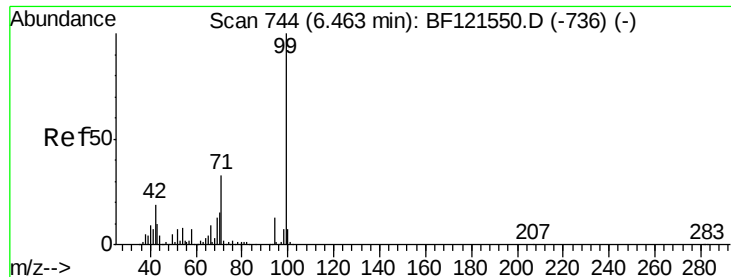
2-Fluorophenol
Concen: 97.991 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121896.D
Acq: 8 Oct 2020 18:50

Tgt Ion:112 Resp: 646143
Ion Ratio Lower Upper
112 100
64 64.2 50.4 75.6
63 32.4 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: 93.086 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121896.D

Acq: 8 Oct 2020 18:50

Instrument :

BNA_F

ClientSampleId :

RO-RBR-200031

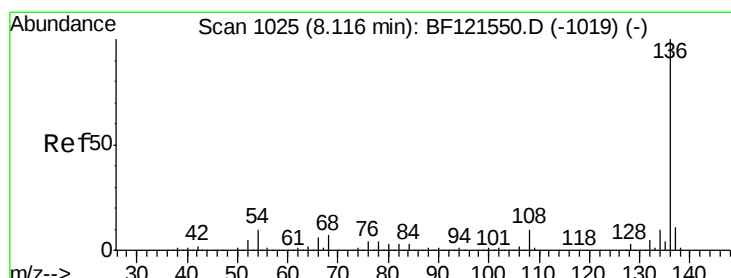
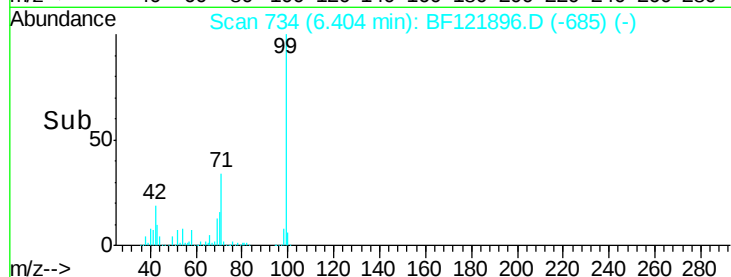
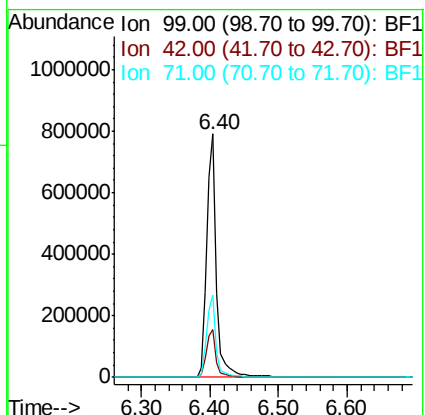
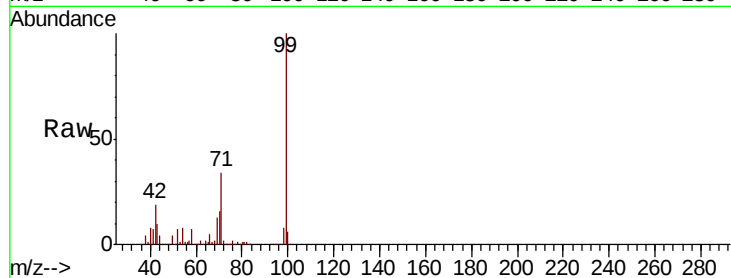
Tot Ion: 99 Resp: 805276

Ion Ratio Lower Upper

99 100

42 19.5 15.9 23.9

71 33.7 27.1 40.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BF121896.D

Acq: 8 Oct 2020 18:50

Tgt Ion: 136 Resp: 396328

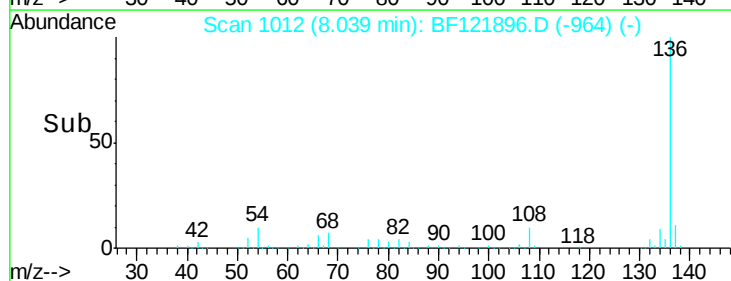
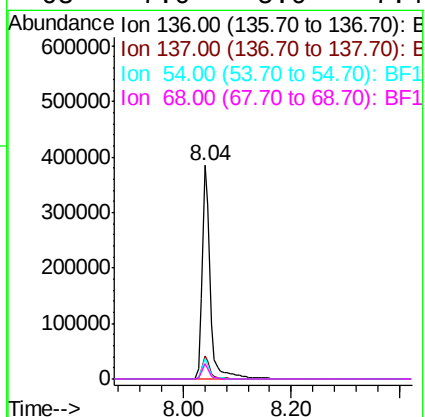
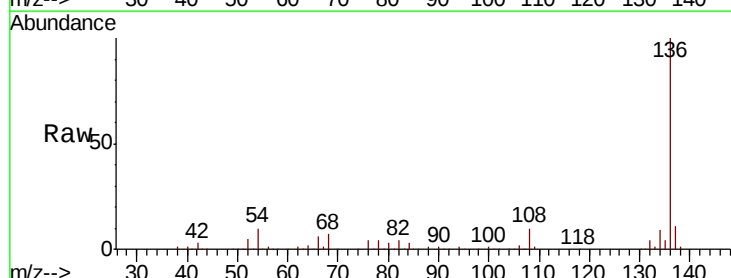
Ion Ratio Lower Upper

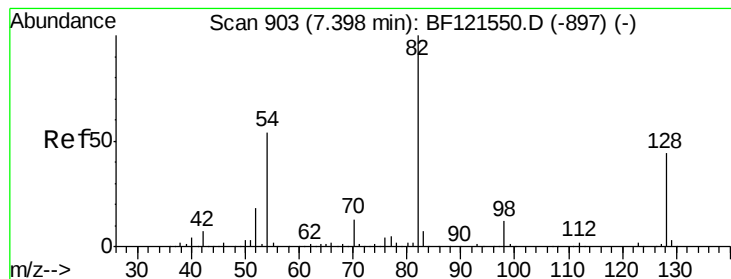
136 100

137 11.0 8.6 13.0

54 9.6 7.1 10.7

68 7.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 77.576 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF121896.D

Acq: 8 Oct 2020 18:50

Instrument :

BNA_F

ClientSampleId :

RO-RBR-200031

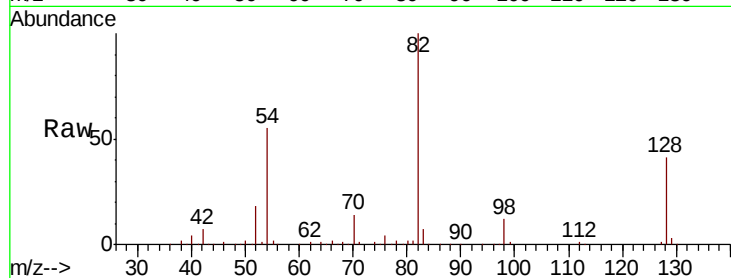
Tot Ion: 82 Resp: 572630

Ion Ratio Lower Upper

82 100

128 41.3 35.0 52.4

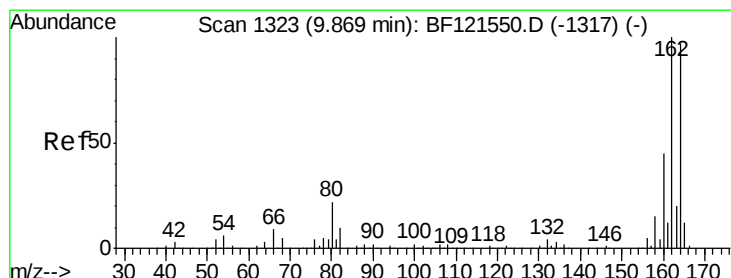
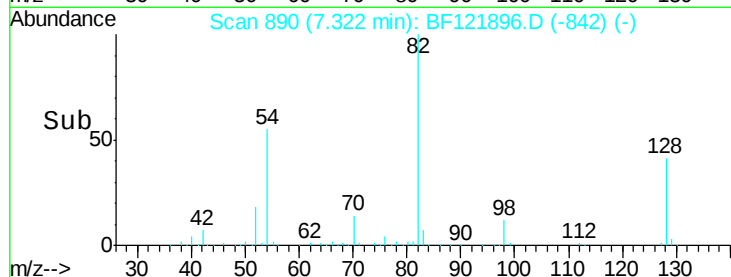
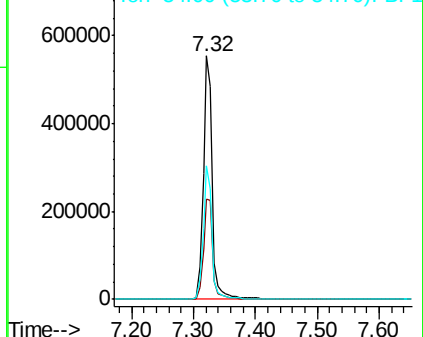
54 55.0 43.9 65.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF121896.D

Acq: 8 Oct 2020 18:50

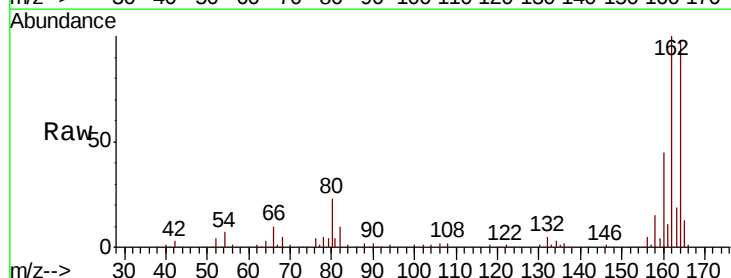
Tgt Ion: 164 Resp: 202962

Ion Ratio Lower Upper

164 100

162 102.4 83.2 124.8

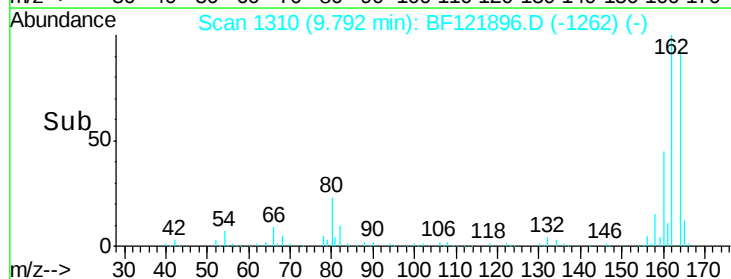
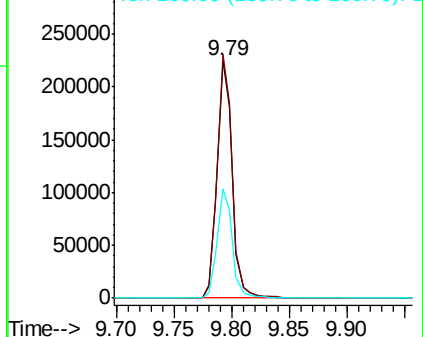
160 45.7 37.5 56.3

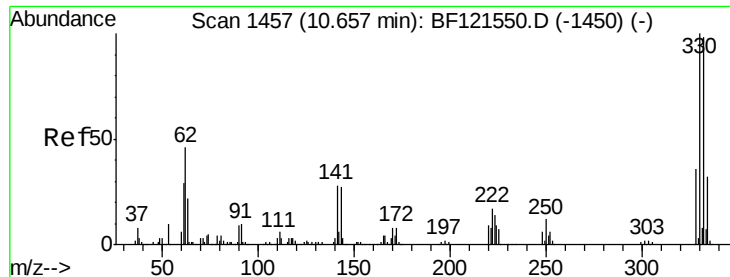


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 87.961 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.02 min

Lab File: BF121896.D

Acq: 8 Oct 2020 18:50

Instrument :

BNA_F

ClientSampleId :

RO-RBR-200031

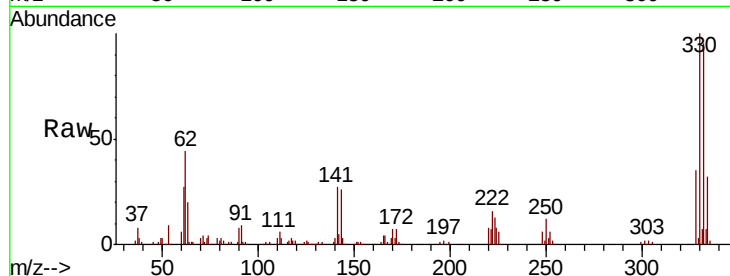
Tot Ion:330 Resp: 221886

Ion Ratio Lower Upper

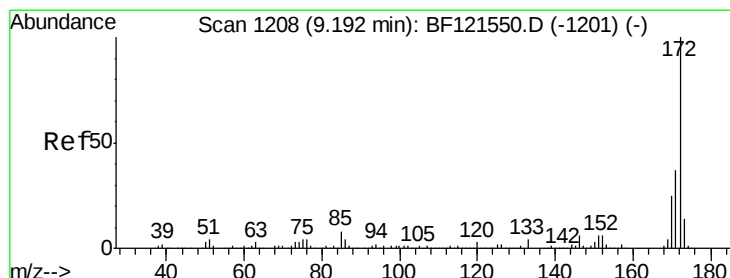
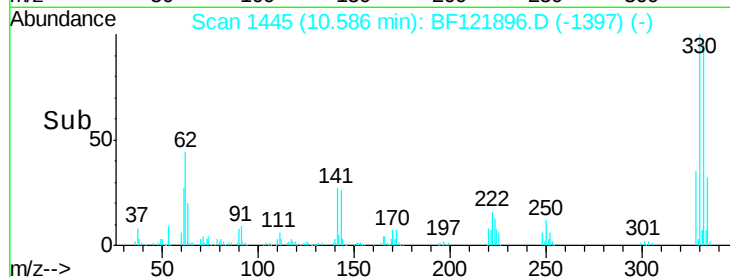
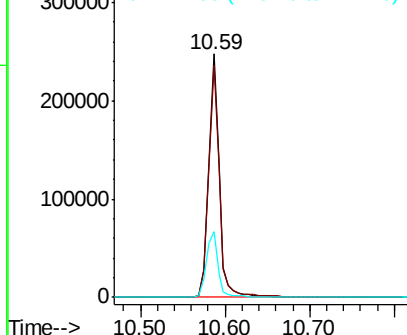
330 100

332 96.6 77.3 115.9

141 29.3 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: 58.834 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BF121896.D

Acq: 8 Oct 2020 18:50

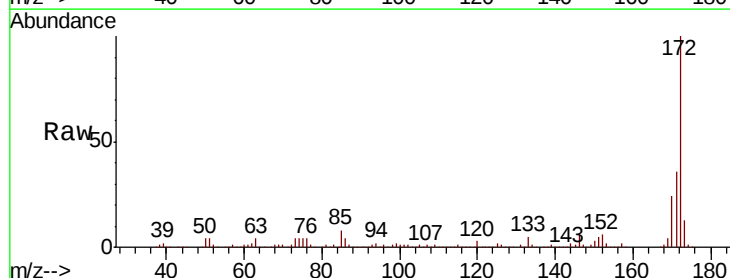
Tgt Ion:172 Resp: 788433

Ion Ratio Lower Upper

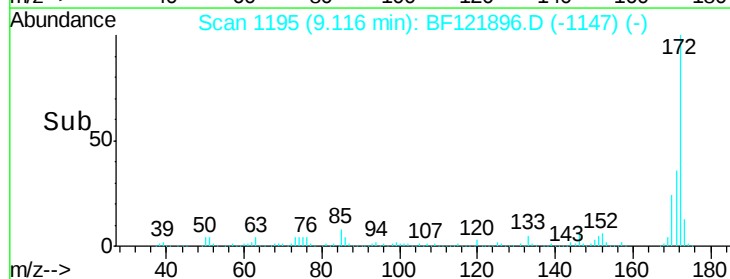
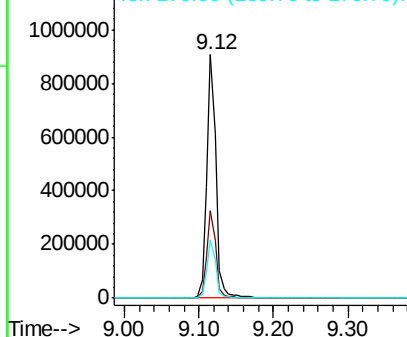
172 100

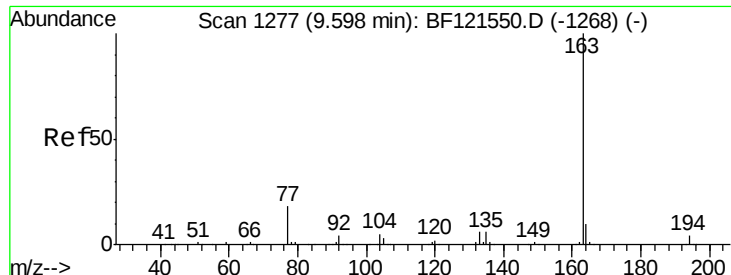
171 35.8 29.1 43.7

170 23.7 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

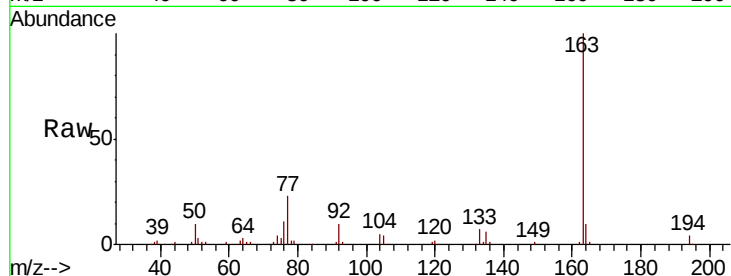




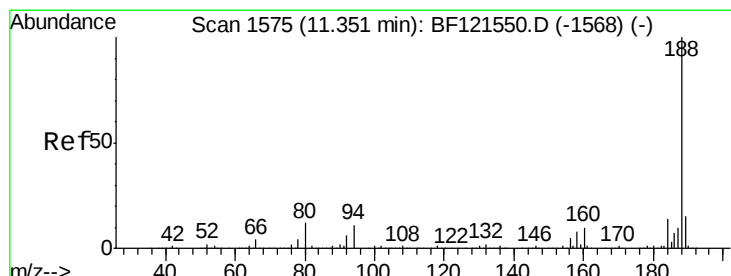
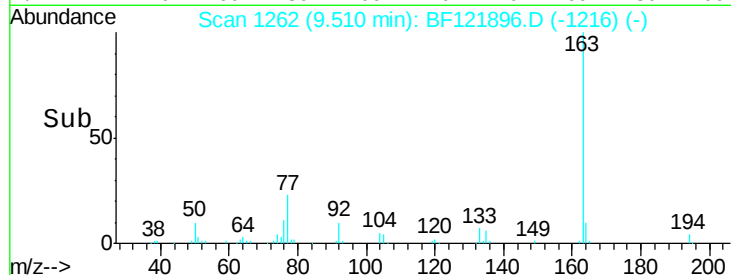
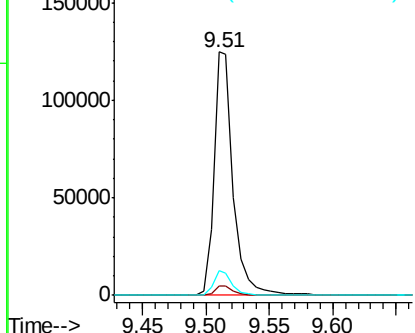
#50
Dimethylphthalate
Concen: 9.027 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF121896.D
Acq: 8 Oct 2020 18:50

Instrument :
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Tot Ion:163 Resp: 132791
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.0 8.2 12.4

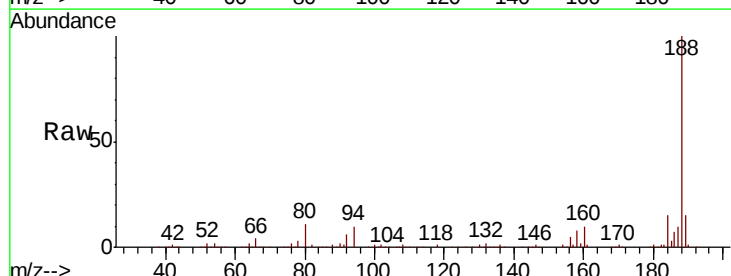


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

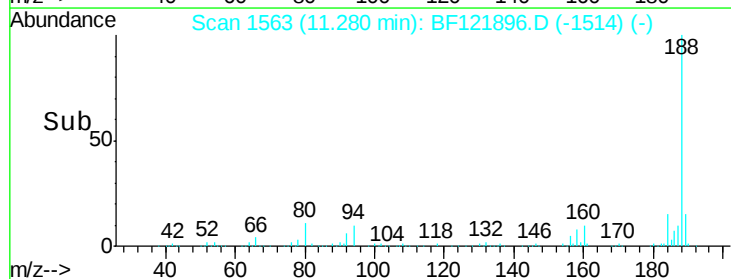
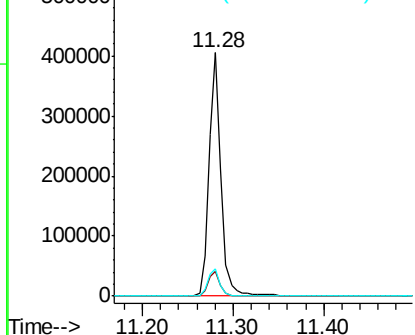


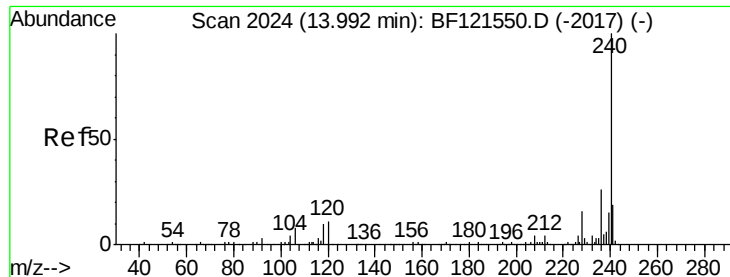
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121896.D
Acq: 8 Oct 2020 18:50

Tgt Ion:188 Resp: 376041
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.1 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

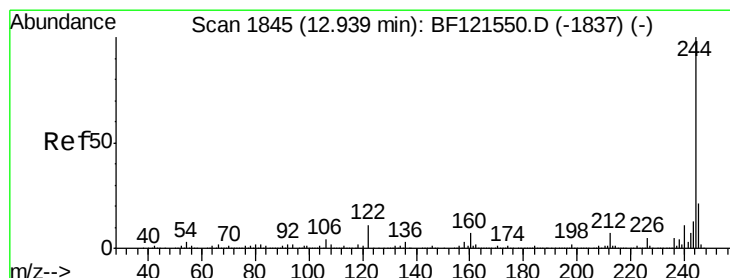
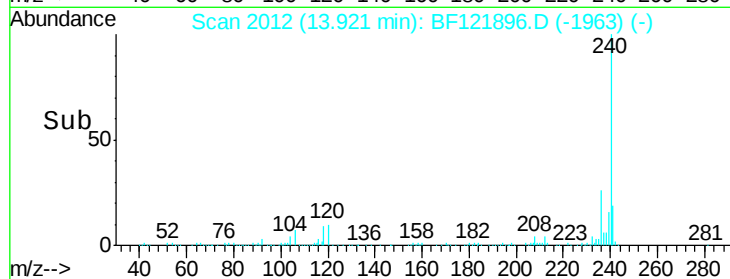
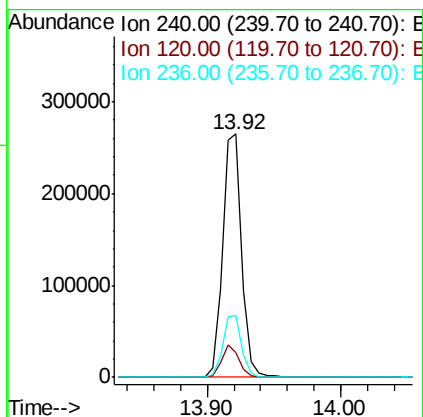
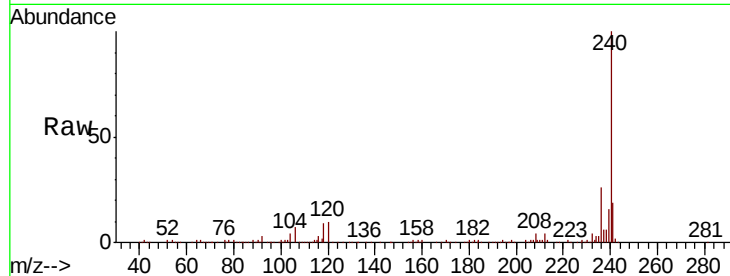




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121896.D
Acq: 8 Oct 2020 18:50

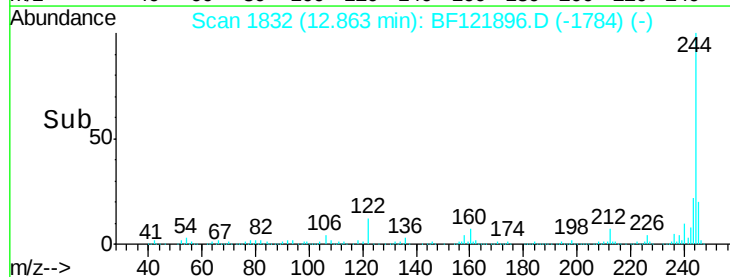
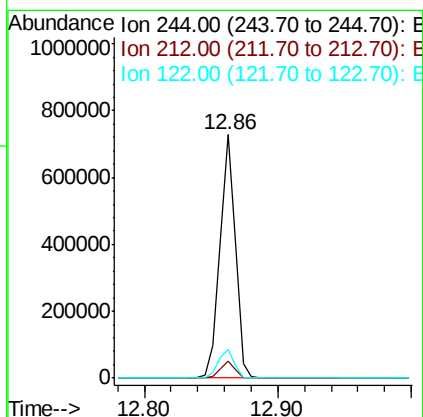
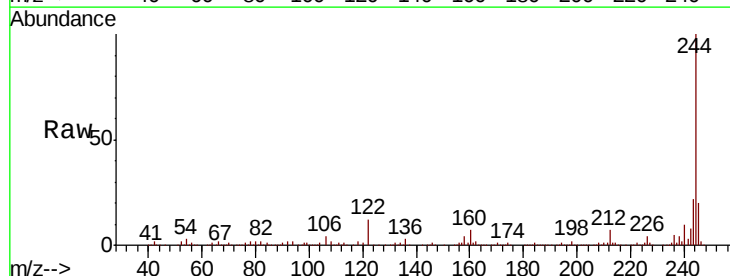
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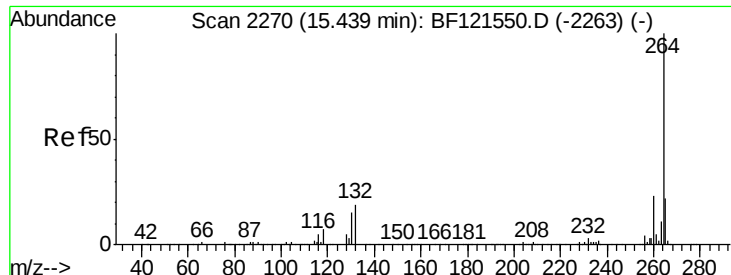
Tot Ion:240 Resp: 265503
Ion Ratio Lower Upper
240 100
120 10.2 9.2 13.8
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 45.961 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF121896.D
Acq: 8 Oct 2020 18:50

Tgt Ion:244 Resp: 602332
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.9 8.1 12.1





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121896.D
Acq: 8 Oct 2020 18:50

Instrument :
BNA_F
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.3	17.3	25.9

