

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
 Data File : BF121895.D
 Acq On : 8 Oct 2020 18:19
 Operator : JU/CG
 Sample : L4303-21
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-20201006

Quant Time: Oct 08 18:47:53 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

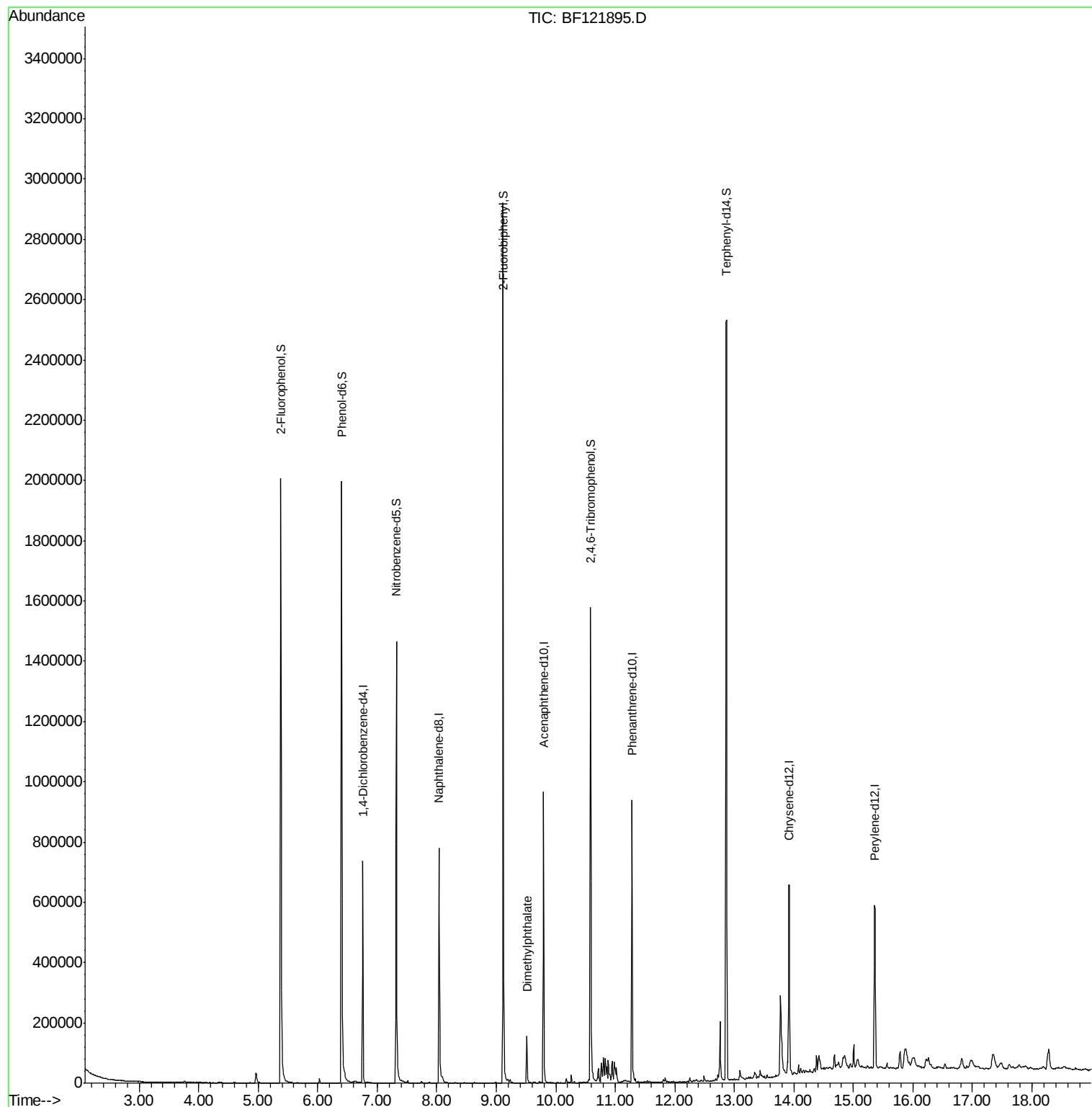
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	92758	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	374605	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	191374	20.00	ng	-0.02
64) Phenanthrene-d10	11.28	188	340654	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	229064	20.00	ng	-0.01
86) Perylene-d12	15.36	264	241456	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	569542	91.25	ng	0.00
7) Phenol-d6	6.40	99	731526	89.33	ng	-0.01
23) Nitrobenzene-d5	7.32	82	498374	71.43	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	208262	87.56	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	896594	70.96	ng	-0.02
79) Terphenyl-d14	12.87	244	860767	76.13	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.52	163	74559	5.375	ng	Qvalue 98

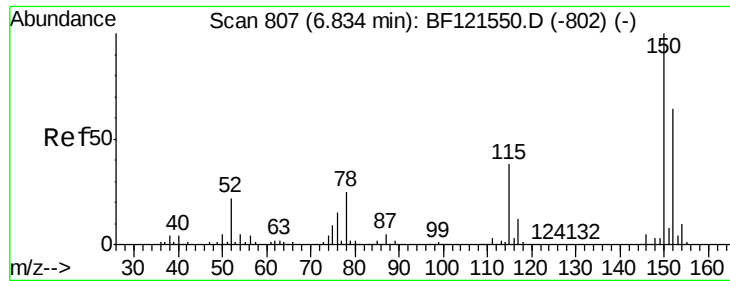
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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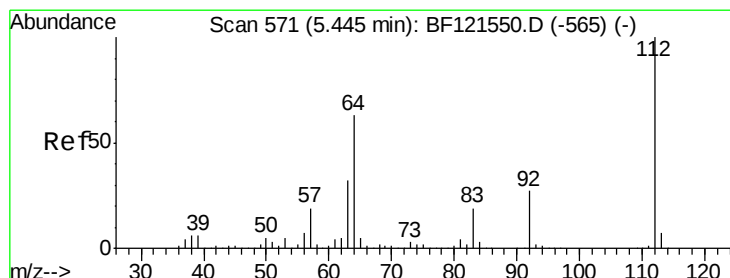
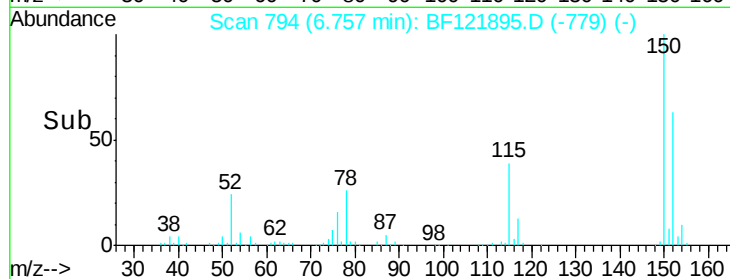
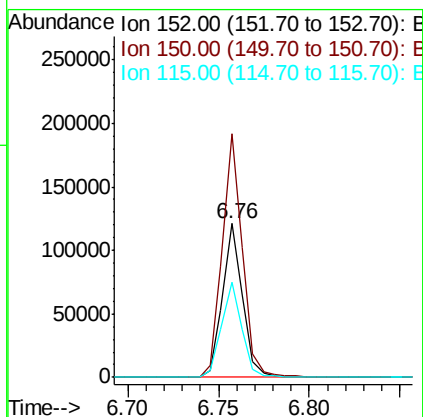
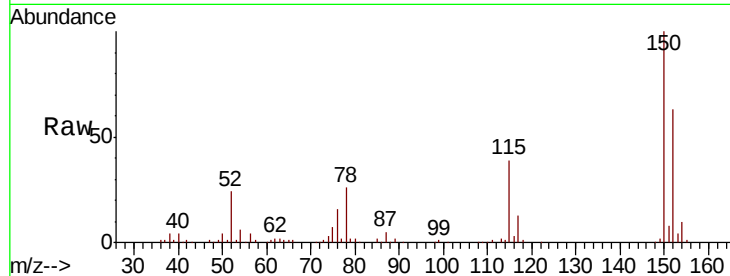


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF121895.D
 Acq: 8 Oct 2020 18:19

Instrument :
 BNA_F
 ClientSampleId :
 IDW-20201006

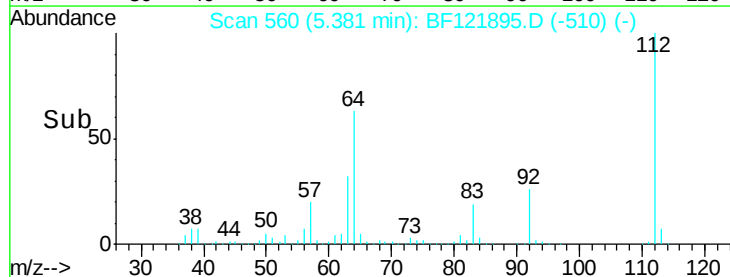
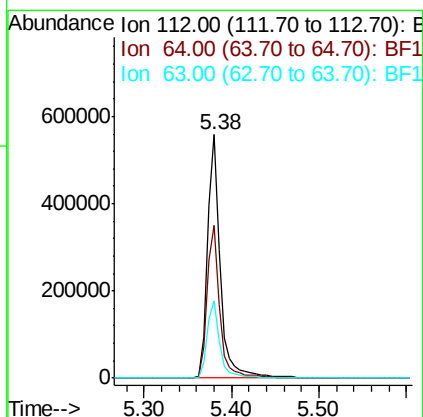
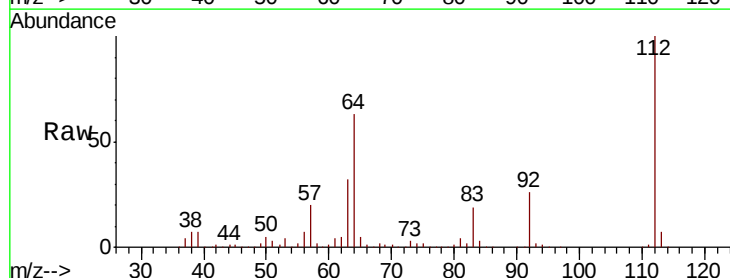
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	125.3	187.9
115	62.3	51.9	77.9

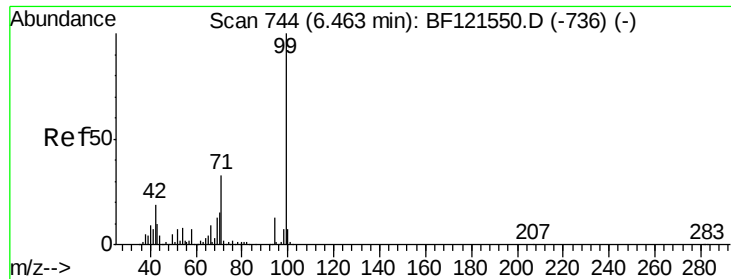


#5

2-Fluorophenol
 Concen: 91.249 ng
 RT: 5.38 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF121895.D
 Acq: 8 Oct 2020 18:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	50.4	75.6
63	31.8	25.8	38.6





#7

Phenol-d6

Concen: 89.335 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121895.D

Acq: 8 Oct 2020 18:19

Instrument :

BNA_F

ClientSampleId :

IDW-20201006

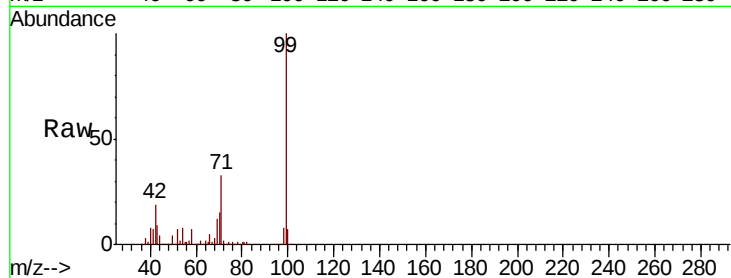
Tot Ion: 99 Resp: 731526

Ion Ratio Lower Upper

99 100

42 19.4 15.9 23.9

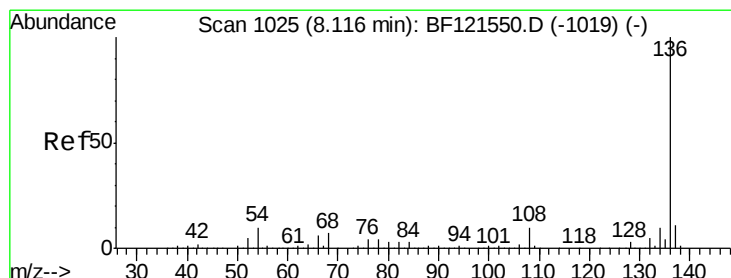
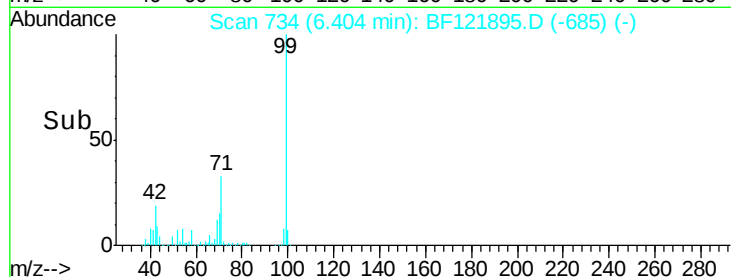
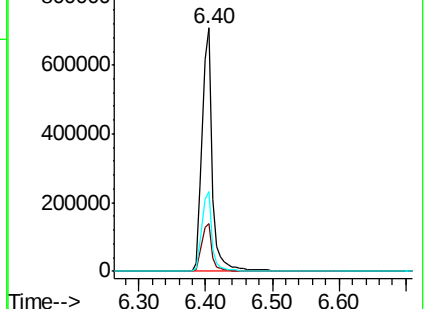
71 32.8 27.1 40.7



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: BF121895.D

Acq: 8 Oct 2020 18:19

Tgt Ion: 136 Resp: 374605

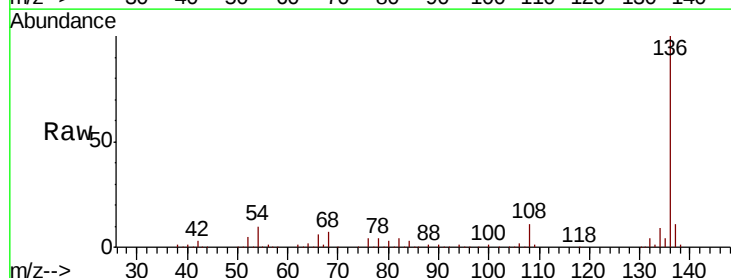
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 10.0 7.1 10.7

68 7.1 5.0 7.4

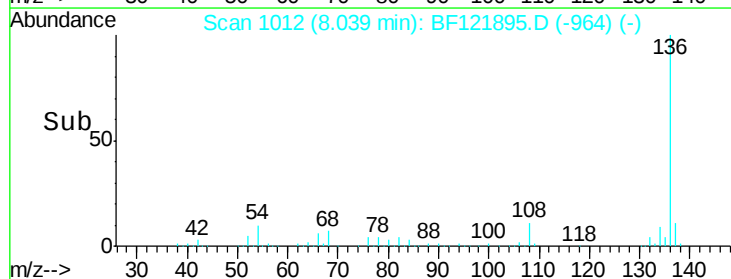
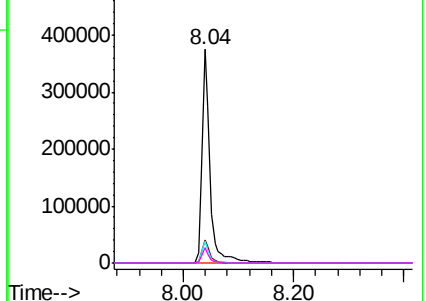


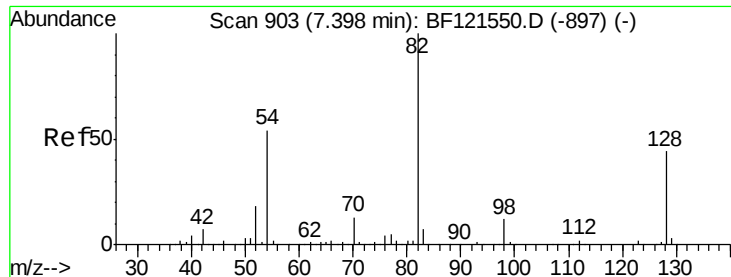
Abundance Ion 136.00 (135.70 to 136.70): E

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

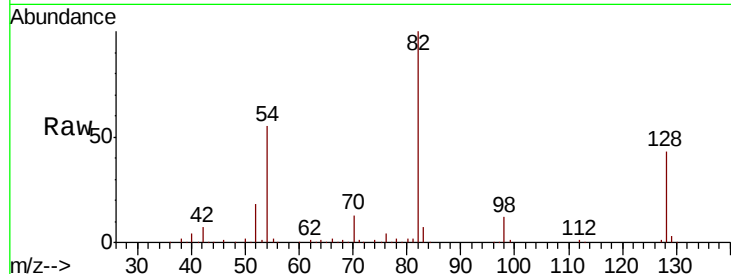




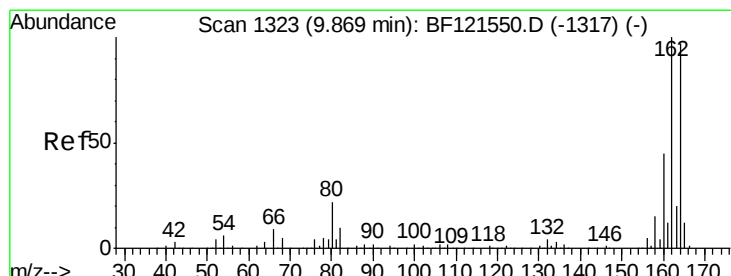
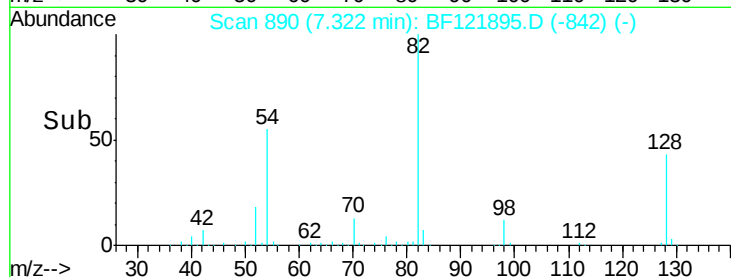
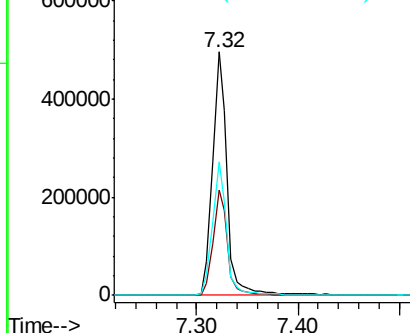
#23
Nitrobenzene-d5
Concen: 71.432 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF121895.D
Acq: 8 Oct 2020 18:19

Instrument :
BNA_F
ClientSampleId :
IDW-20201006

Tot Ion: 82 Resp: 498374
Ion Ratio Lower Upper
82 100
128 43.1 35.0 52.4
54 55.0 43.9 65.9

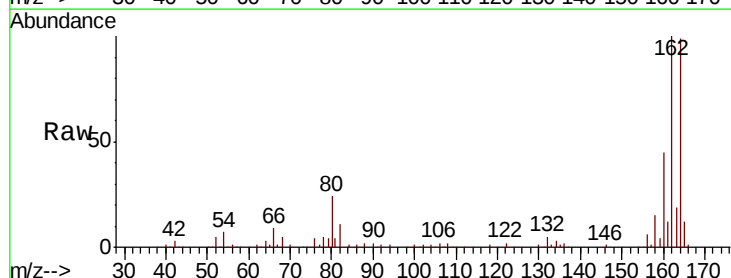


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

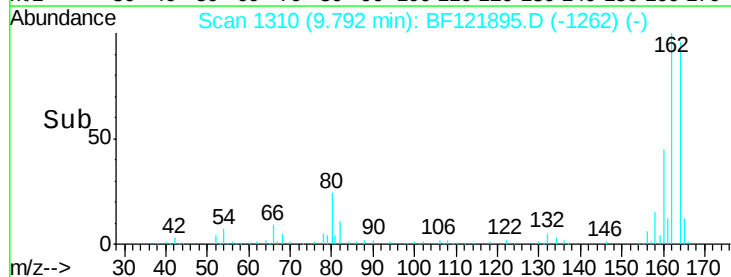
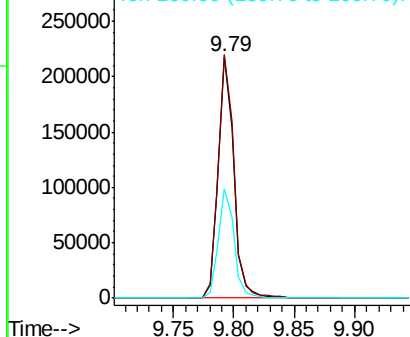


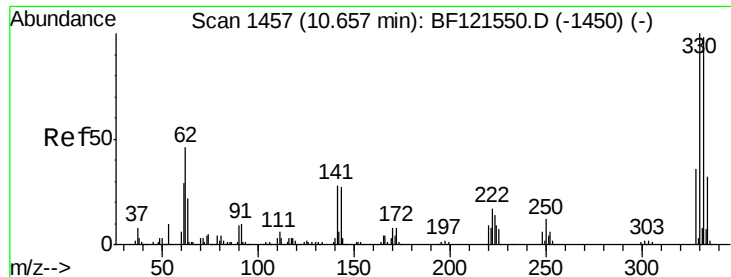
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF121895.D
Acq: 8 Oct 2020 18:19

Tgt Ion: 164 Resp: 191374
Ion Ratio Lower Upper
164 100
162 100.9 83.2 124.8
160 45.5 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 87.559 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.02 min

Lab File: BF121895.D

Acq: 8 Oct 2020 18:19

Instrument :

BNA_F

ClientSampleId :

IDW-20201006

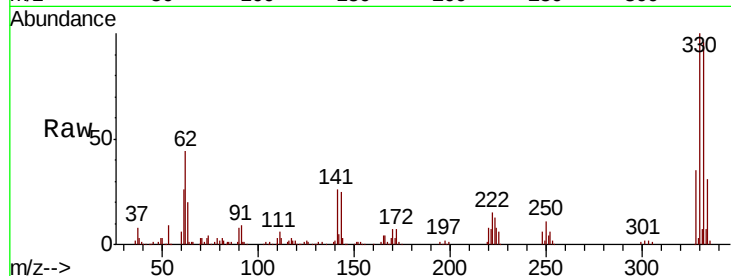
Tot Ion:330 Resp: 208262

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 29.1 22.3 33.5

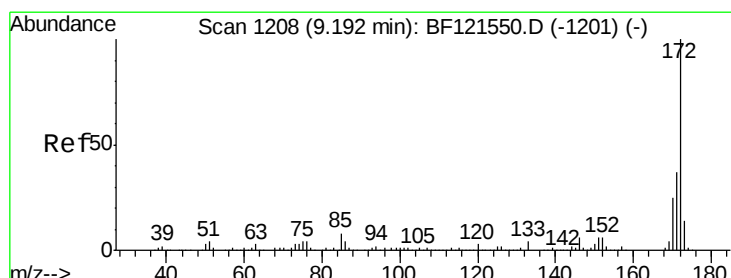
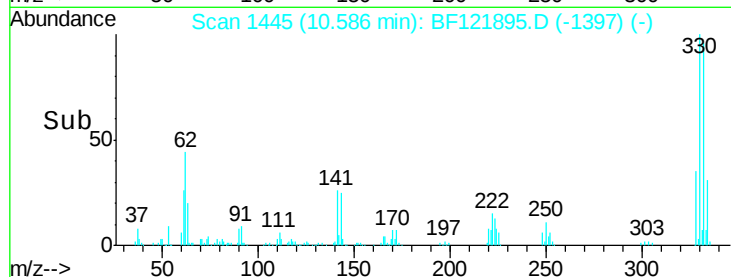
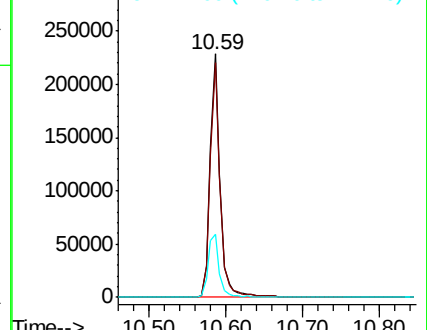


Abundance

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: 70.956 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BF121895.D

Acq: 8 Oct 2020 18:19

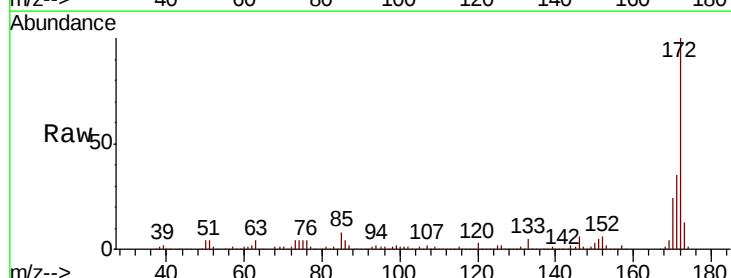
Tgt Ion:172 Resp: 896594

Ion Ratio Lower Upper

172 100

171 35.5 29.1 43.7

170 23.7 19.8 29.6

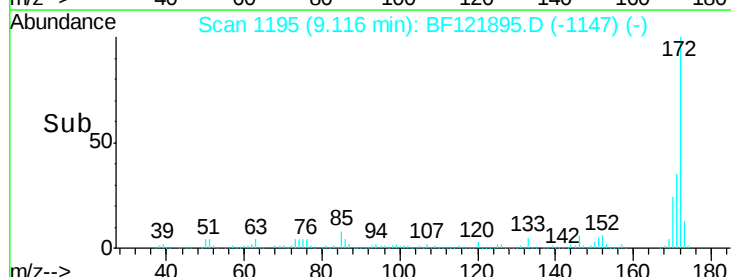
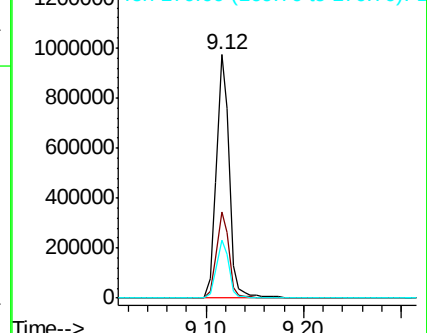


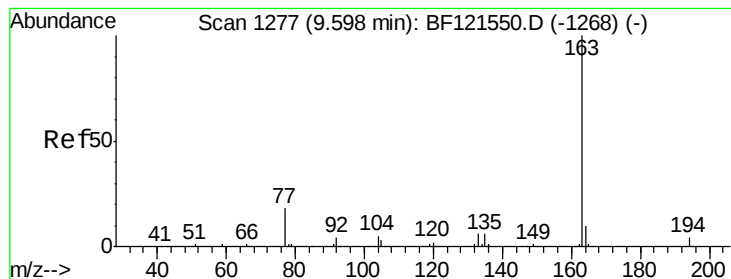
Abundance

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: 5.375 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF121895.D

Acq: 8 Oct 2020 18:19

Instrument :

BNA_F

ClientSampleId :

IDW-20201006

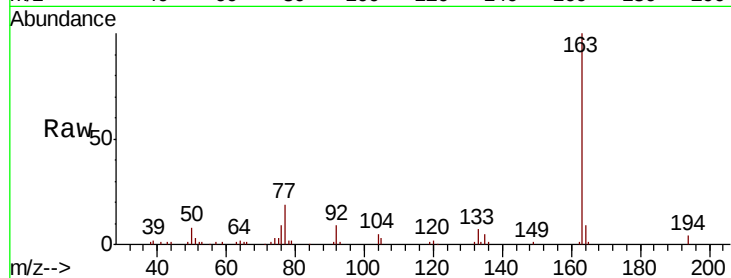
Tot Ion:163 Resp: 74559

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

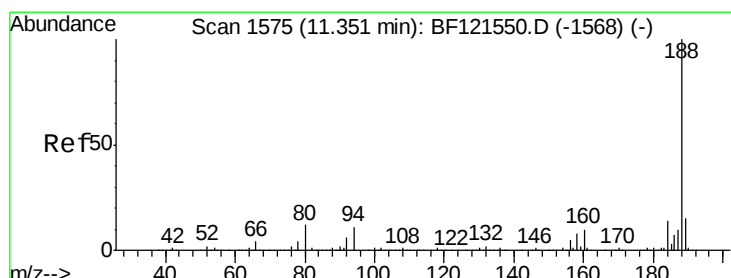
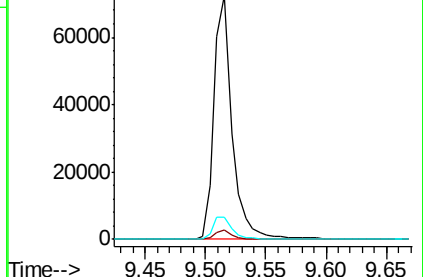
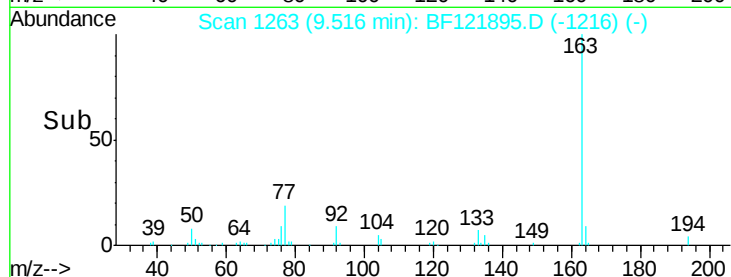
164 9.4 8.2 12.4



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: BF121895.D

Acq: 8 Oct 2020 18:19

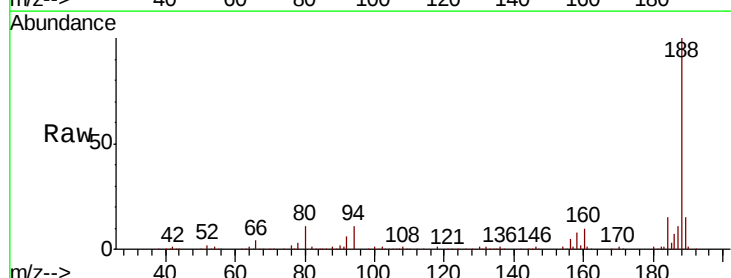
Tgt Ion:188 Resp: 340654

Ion Ratio Lower Upper

188 100

94 10.6 8.3 12.5

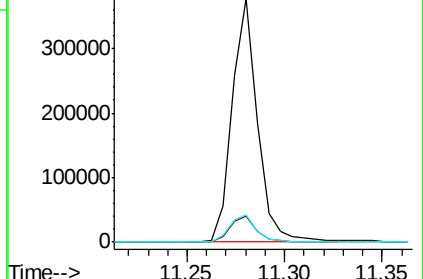
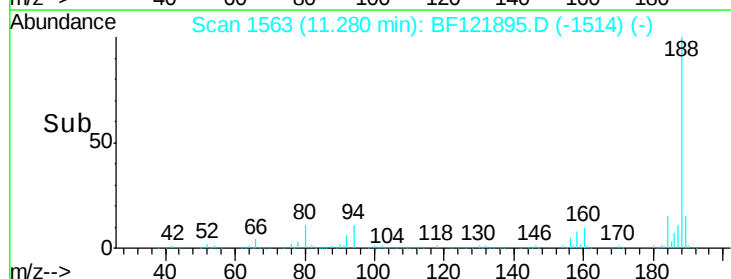
80 11.4 9.1 13.7

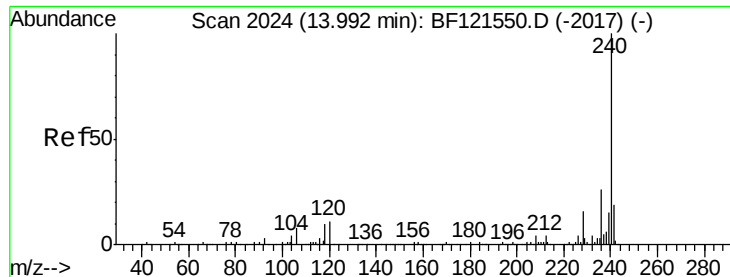


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

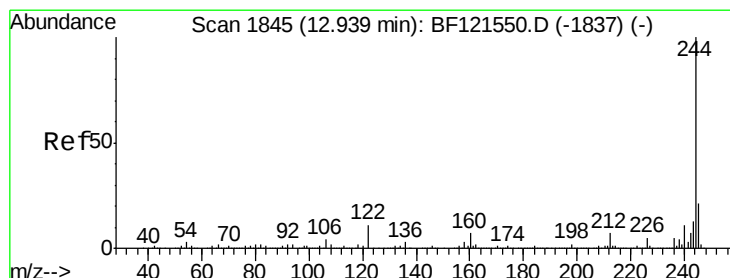
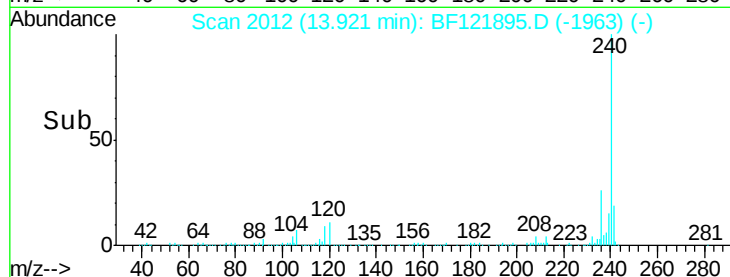
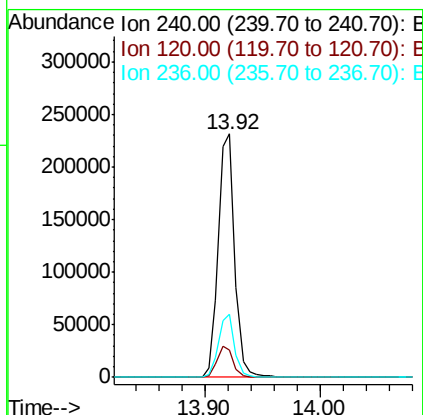
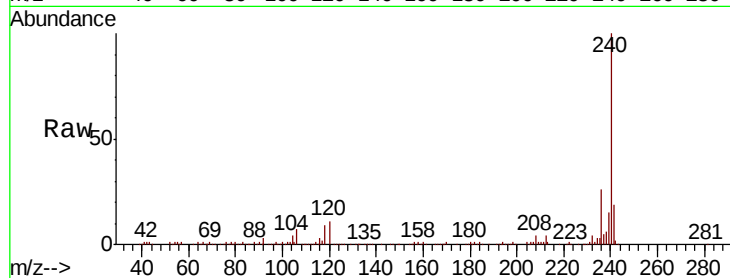




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF121895.D
 Acq: 8 Oct 2020 18:19

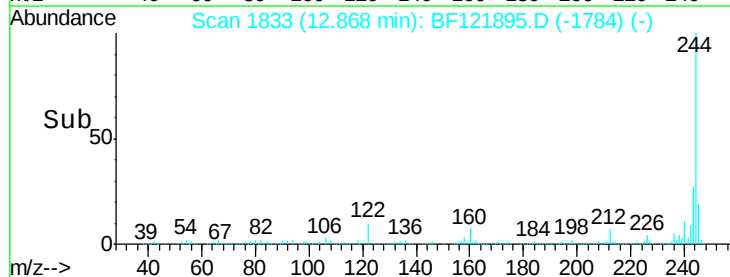
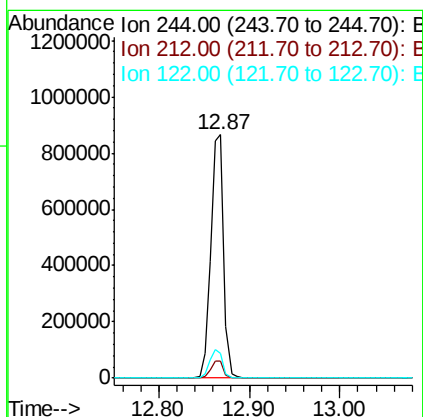
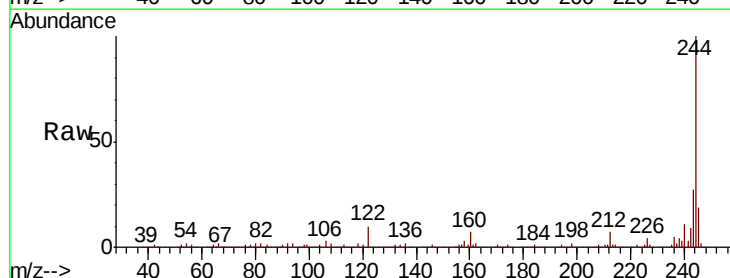
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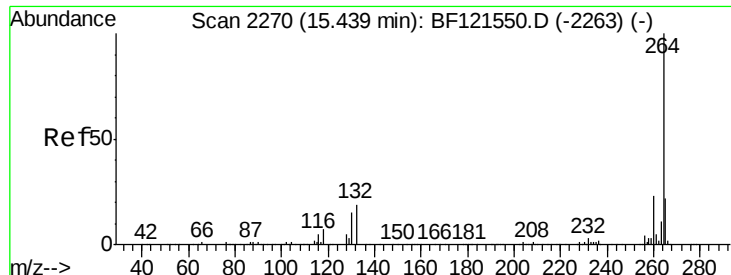
Tot Ion:240 Resp: 229064
 Ion Ratio Lower Upper
 240 100
 120 11.0 9.2 13.8
 236 25.9 20.9 31.3



#79
 Terphenyl-d14
 Concen: 76.129 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF121895.D
 Acq: 8 Oct 2020 18:19

Tgt Ion:244 Resp: 860767
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 9.9 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: BF121895.D
Acq: 8 Oct 2020 18:19

Instrument :
BNA_F
ClientSampleId :
IDW-20201006

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.9	17.3	25.9

