

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121753.D
 Acq On : 30 Sep 2020 22:38
 Operator : JU/CG
 Sample : L4190-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20

Quant Time: Oct 01 01:18:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 11:12:14 2020
 Response via : Initial Calibration

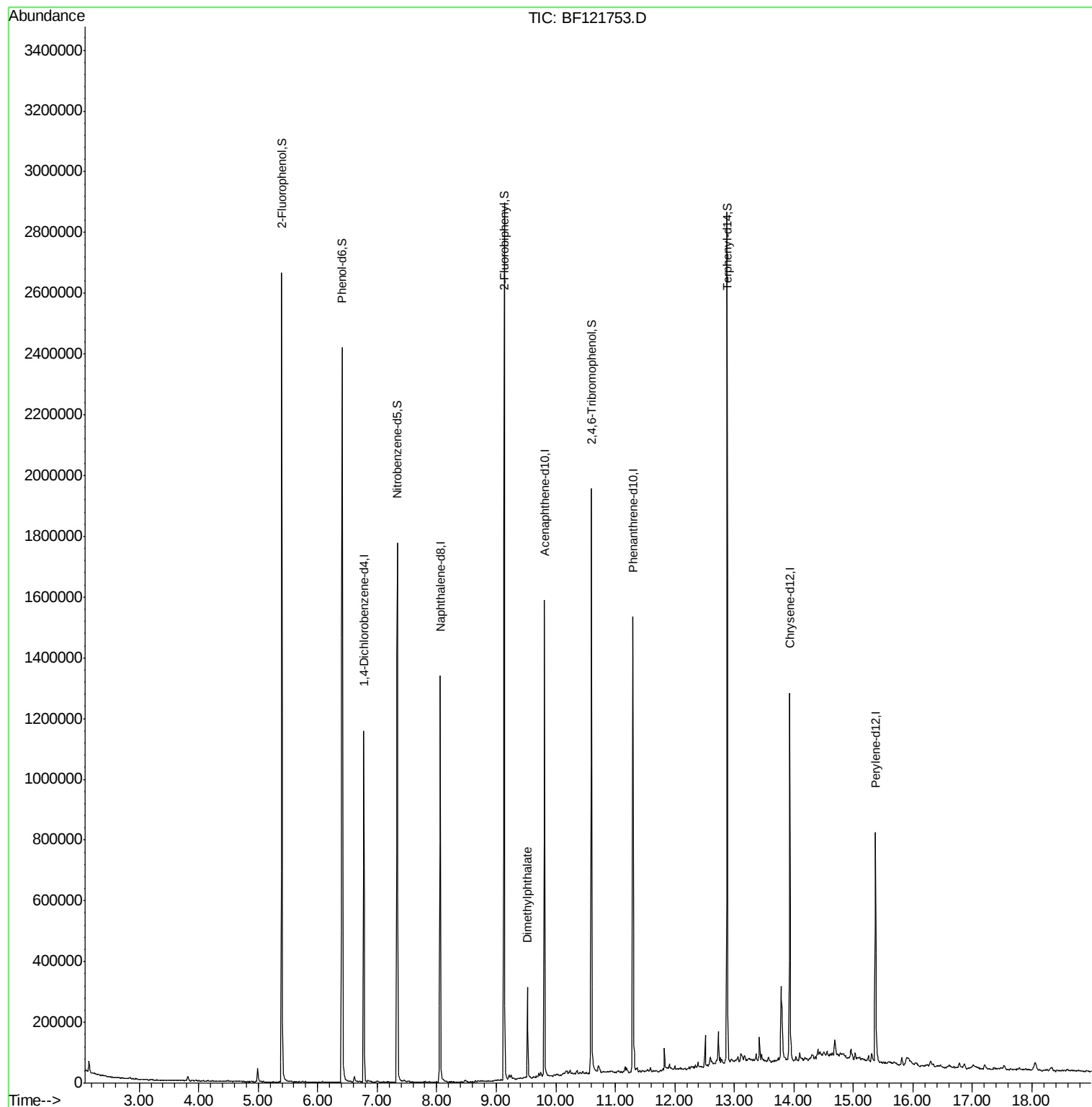
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	159300	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	624509	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	322915	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	572117	20.00	ng	-0.01
76) Chrysene-d12	13.93	240	379338	20.00	ng	-0.01
86) Perylene-d12	15.37	264	329450	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	692127	64.57	ng	0.00
7) Phenol-d6	6.41	99	885890	62.99	ng	-0.02
23) Nitrobenzene-d5	7.34	82	600973	51.67	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	254607	63.44	ng	-0.01
45) 2-Fluorobiphenyl	9.13	172	964552	45.24	ng	-0.02
79) Terphenyl-d14	12.88	244	823683	43.99	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.53	163	111373	4.759	ng	98

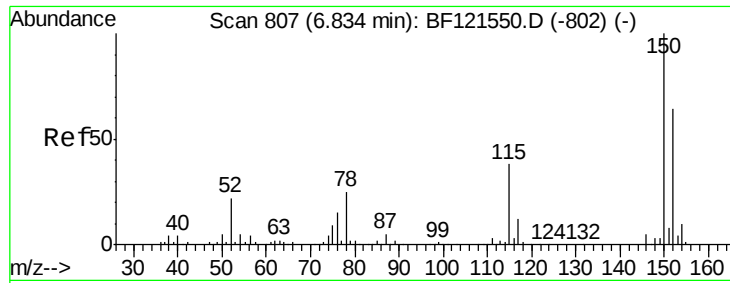
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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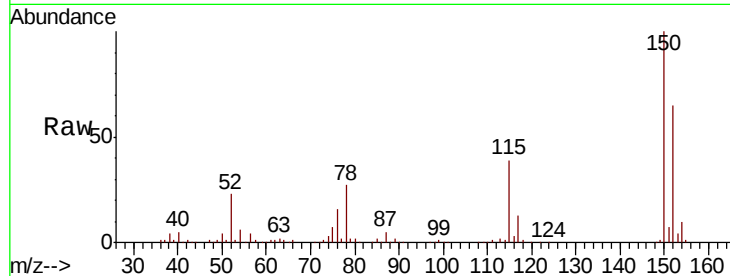


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF121753.D
Acq: 30 Sep 2020 22:38

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.8	188.8
115	60.8	49.6	74.4

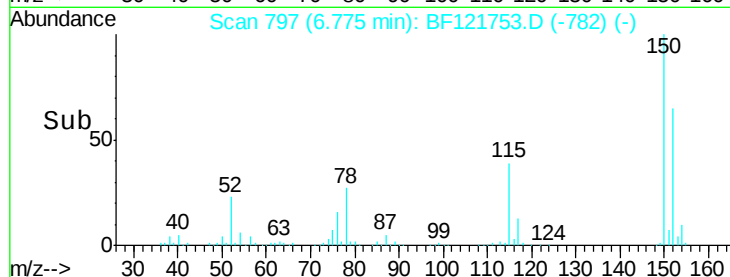
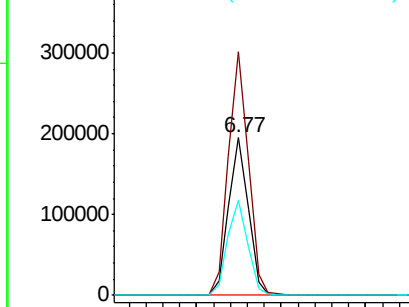


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

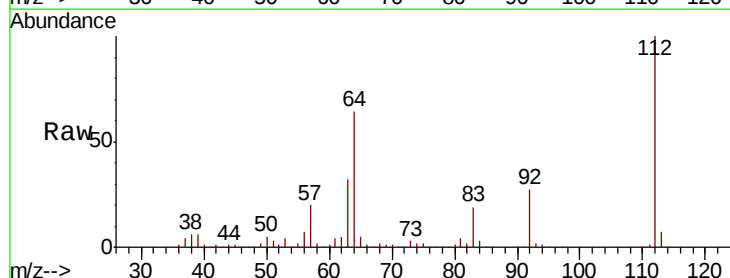
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 64.569 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF121753.D
Acq: 30 Sep 2020 22:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	51.2	76.8
63	32.2	25.9	38.9

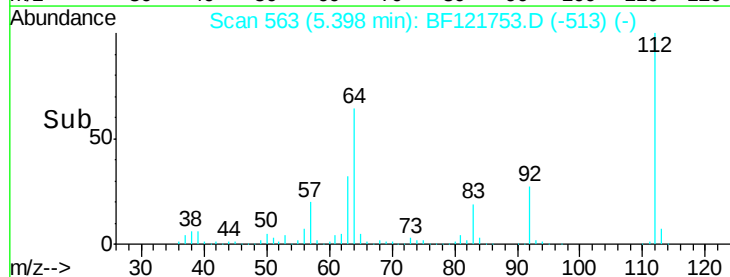
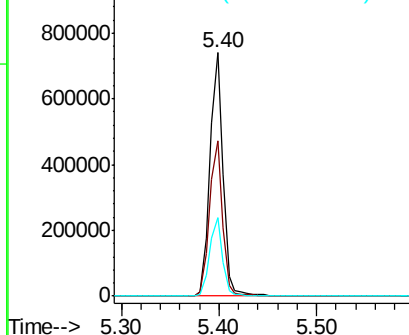


Abundance

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: 62.995 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF121753.D

Acq: 30 Sep 2020 22:38

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20

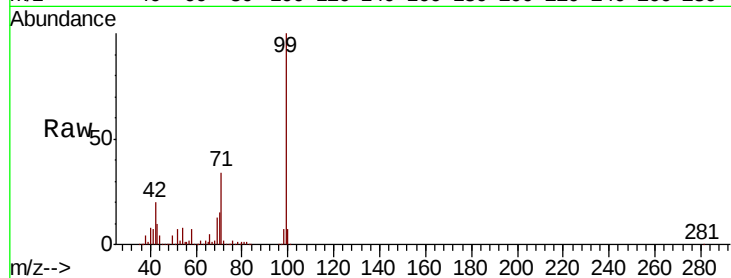
Tot Ion: 99 Resp: 885890

Ion Ratio Lower Upper

99 100

42 20.1 16.5 24.7

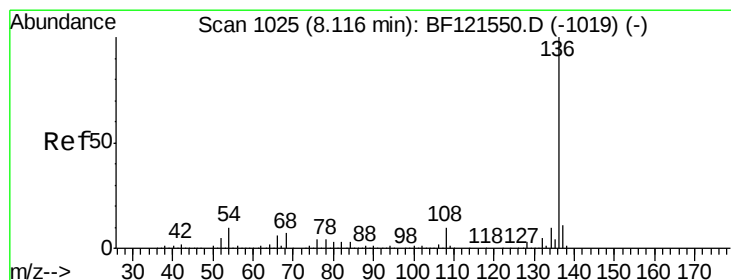
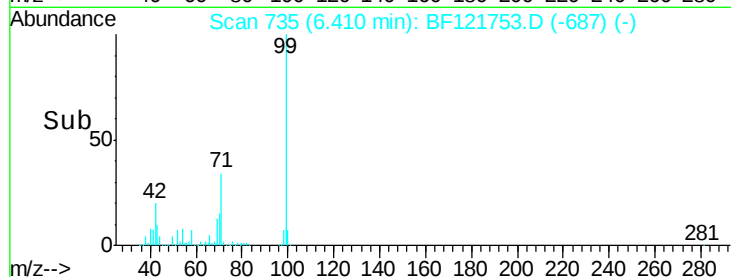
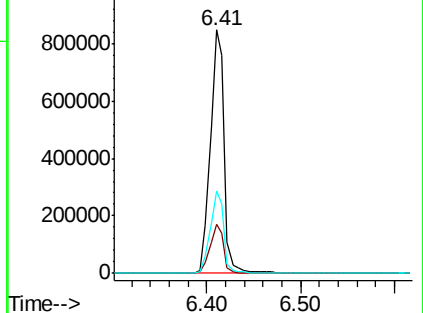
71 34.0 27.8 41.6



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: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF121753.D

Acq: 30 Sep 2020 22:38

Tgt Ion: 136 Resp: 624509

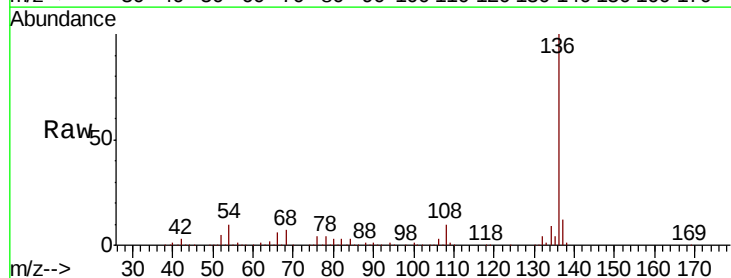
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.5 7.8 11.8

68 7.1 5.6 8.4

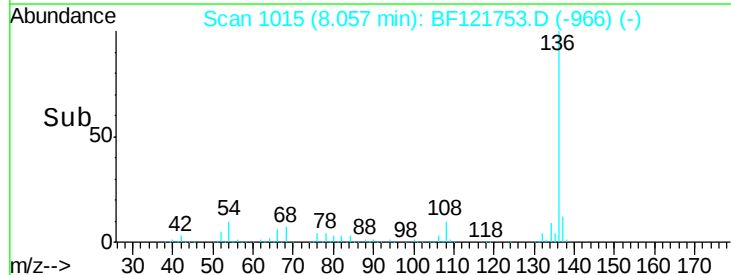
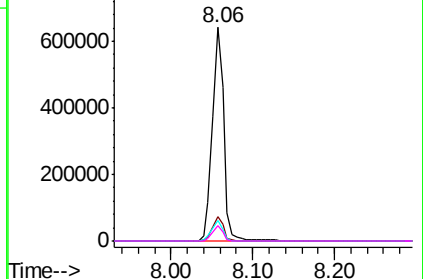


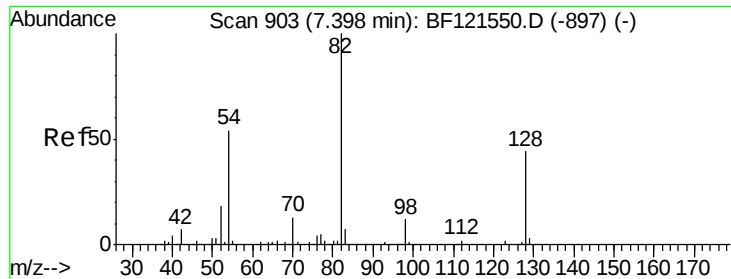
Abundance Ion 136.00 (135.70 to 136.70): E

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

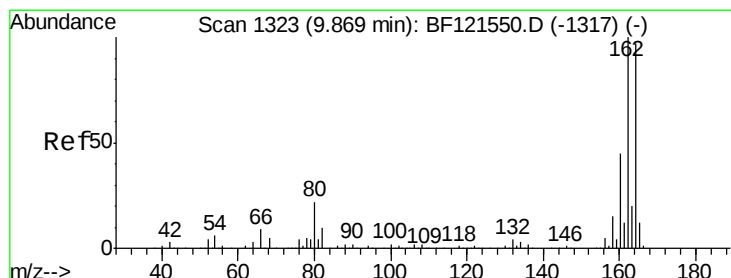
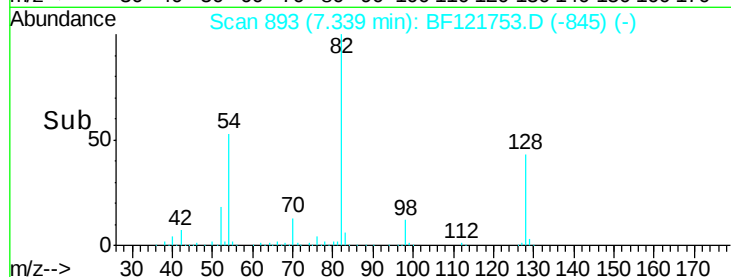
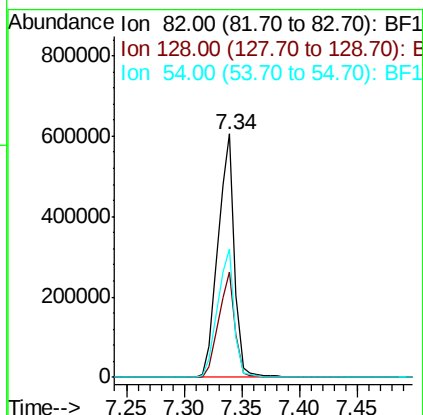
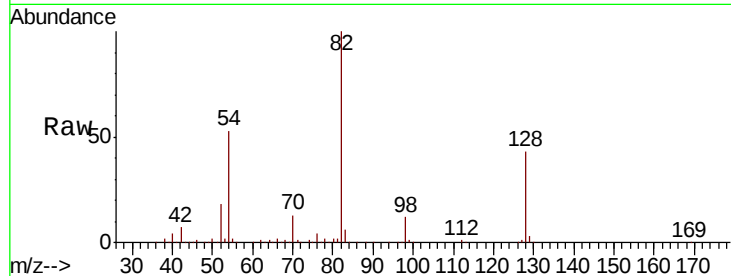




#23
 Nitrobenzene-d5
 Concen: 51.668 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.02 min
 Lab File: BF121753.D
 Acq: 30 Sep 2020 22:38

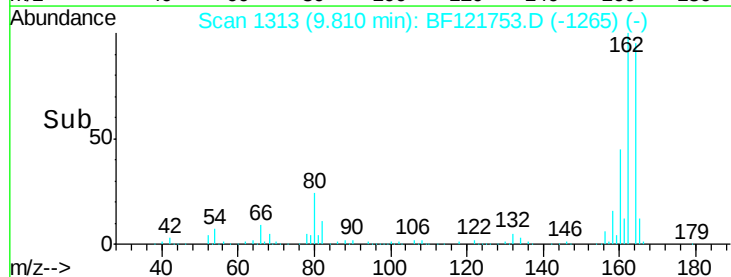
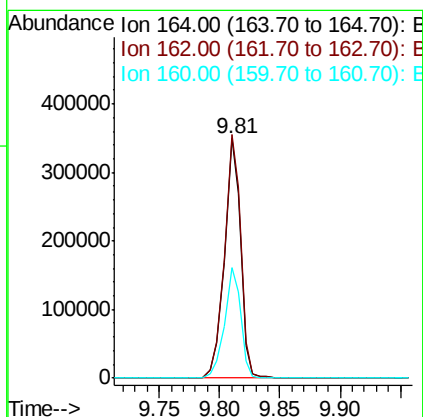
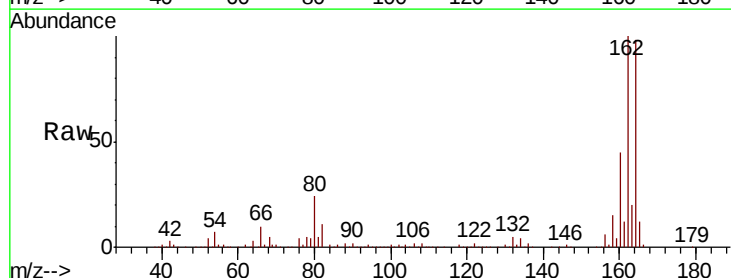
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20

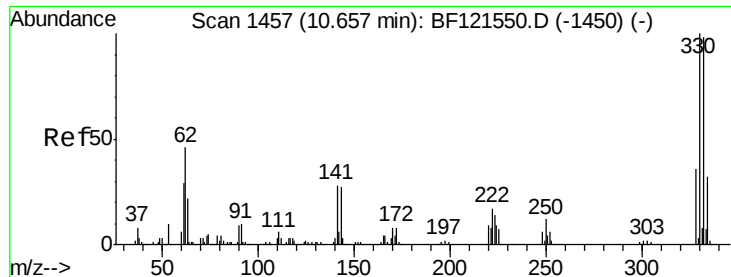
Tot Ion	82	Resp	600973
Ion Ratio	100	Lower	Upper
128	43.1	35.0	52.4
54	52.9	42.5	63.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF121753.D
 Acq: 30 Sep 2020 22:38

Tgt Ion	164	Resp	322915
Ion Ratio	100	Lower	Upper
162	101.8	80.6	121.0
160	46.0	36.9	55.3





#42

2,4,6-Tribromophenol

Concen: 63.439 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF121753.D

Acq: 30 Sep 2020 22:38

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20

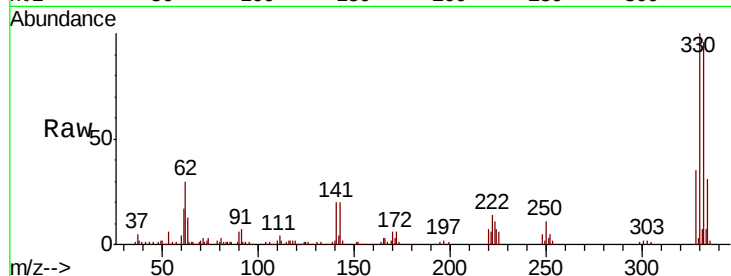
Tot Ion:330 Resp: 254607

Ion Ratio Lower Upper

330 100

332 96.1 77.6 116.4

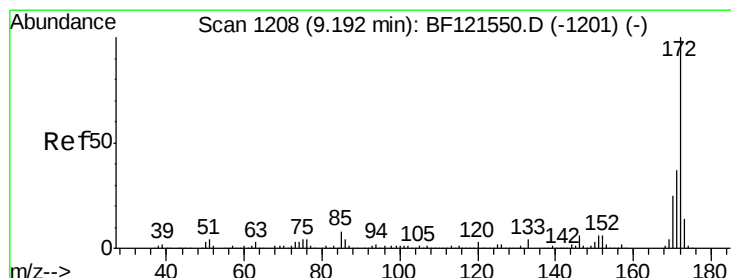
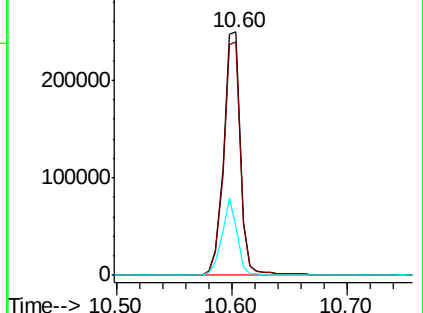
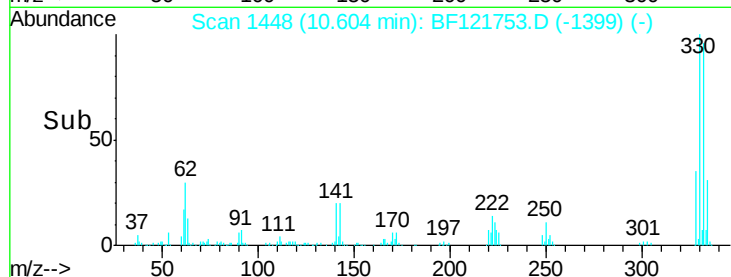
141 29.0 22.9 34.3



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: 45.239 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BF121753.D

Acq: 30 Sep 2020 22:38

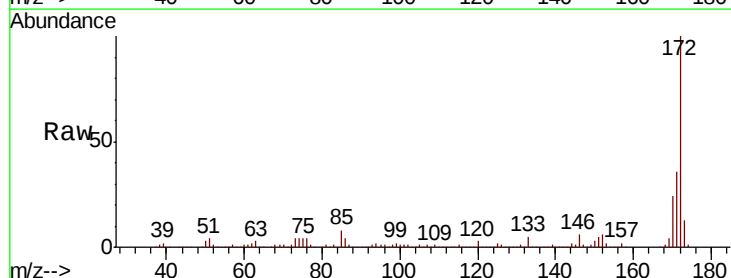
Tgt Ion:172 Resp: 964552

Ion Ratio Lower Upper

172 100

171 36.1 29.2 43.8

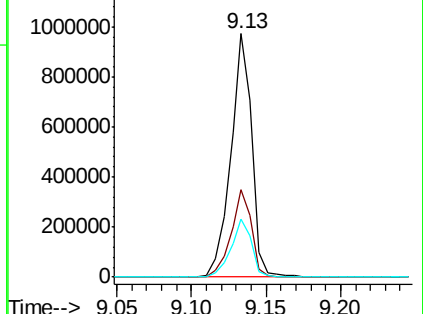
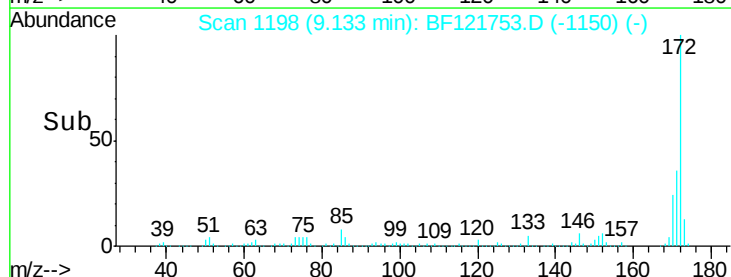
170 23.8 19.7 29.5

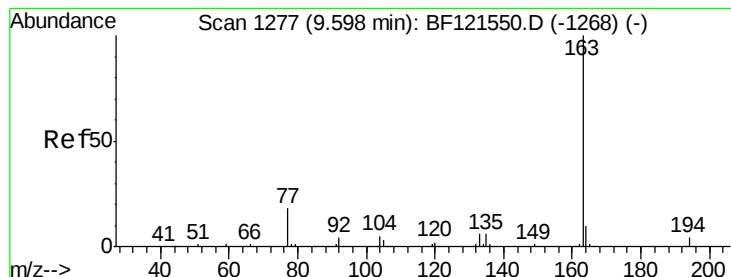


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.759 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF121753.D

Acq: 30 Sep 2020 22:38

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20

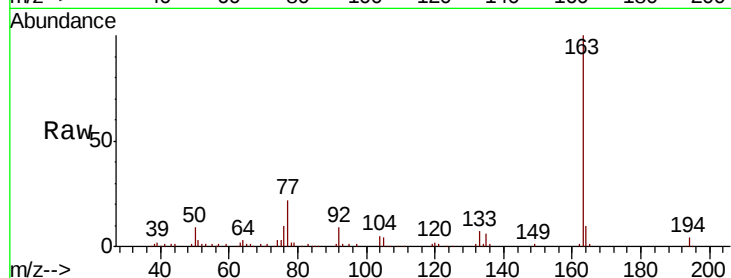
Tot Ion:163 Resp: 111373

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

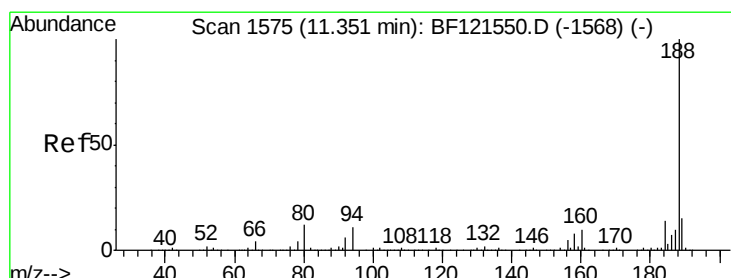
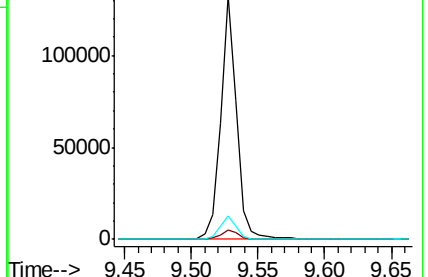
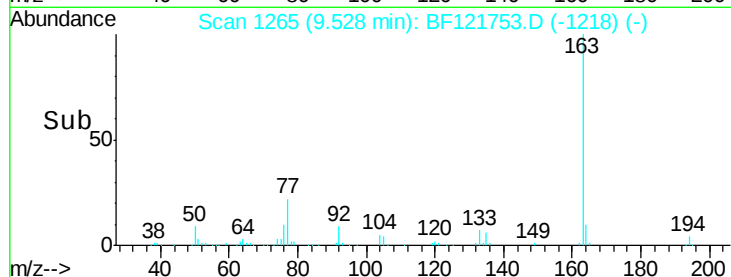
164 9.6 8.5 12.7



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: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF121753.D

Acq: 30 Sep 2020 22:38

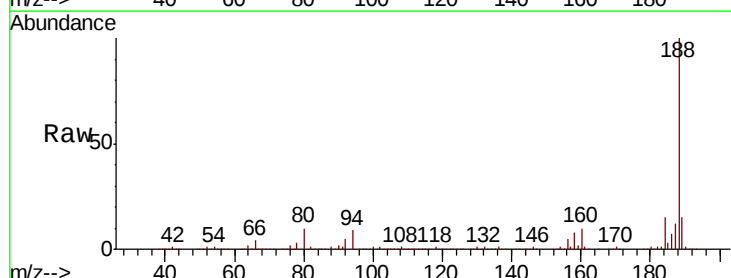
Tgt Ion:188 Resp: 572117

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

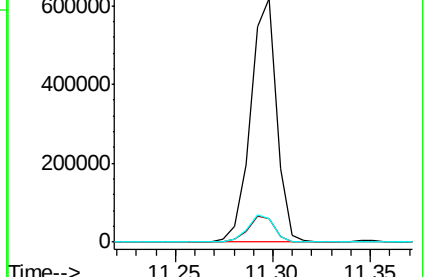
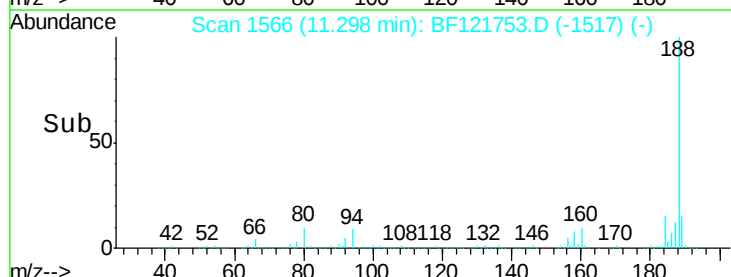
80 9.9 8.9 13.3

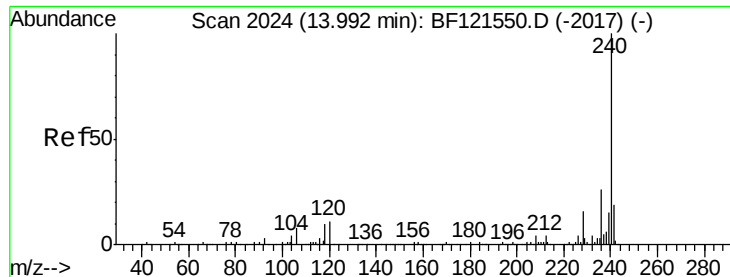


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

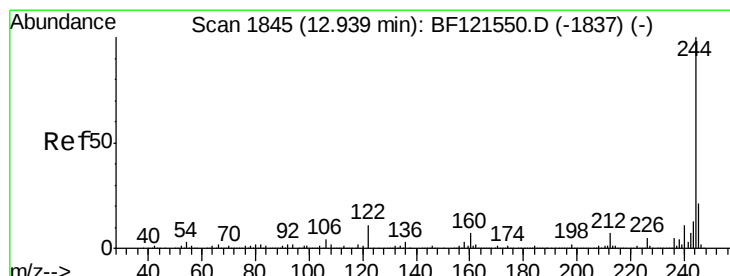
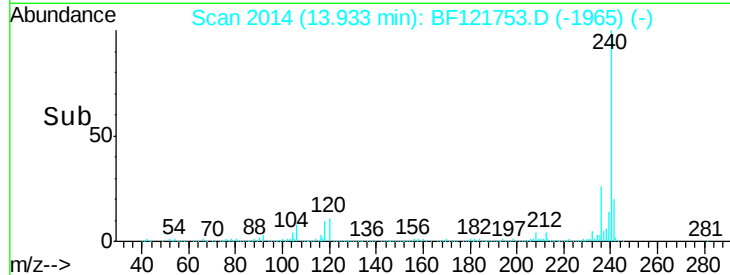
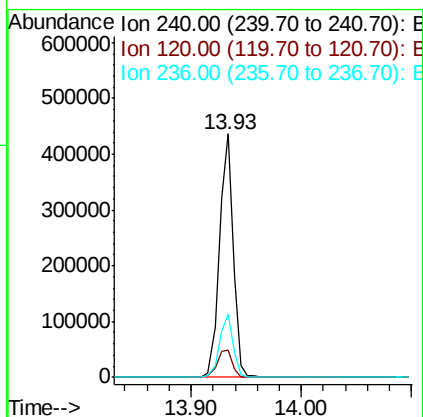
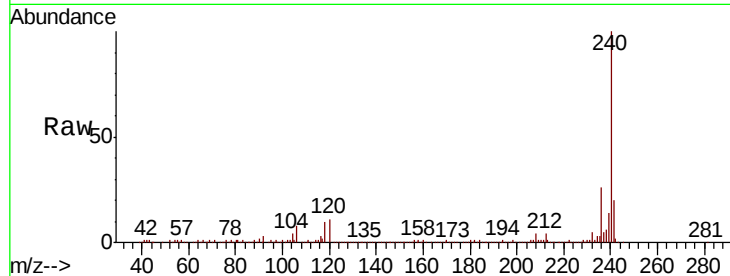




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF121753.D
Acq: 30 Sep 2020 22:38

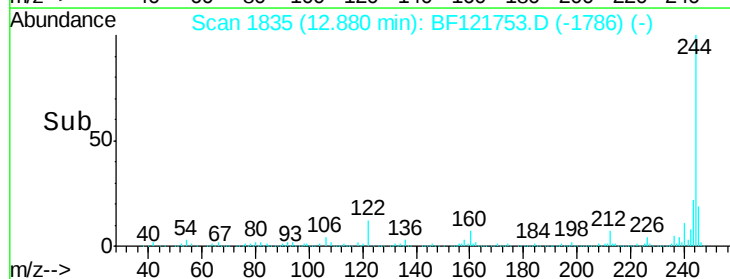
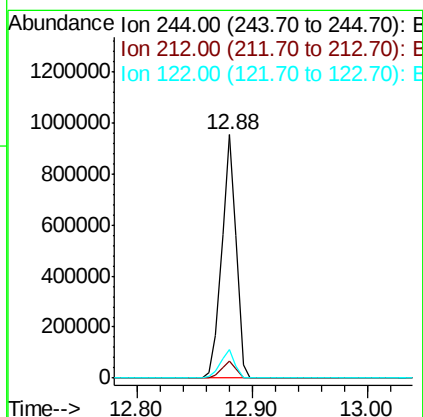
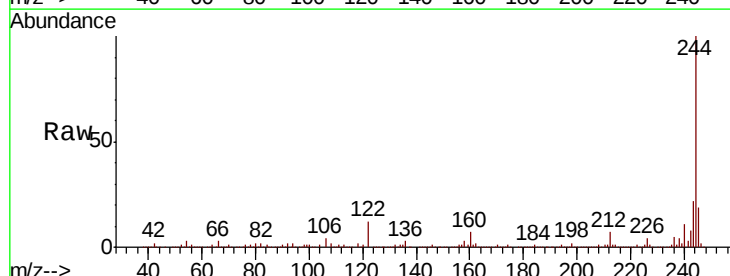
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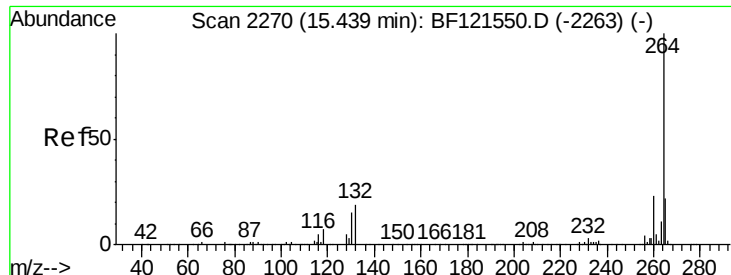
Tot Ion:240 Resp: 379338
Ion Ratio Lower Upper
240 100
120 11.4 10.2 15.4
236 26.0 20.4 30.6



#79
Terphenyl-d14
Concen: 43.990 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF121753.D
Acq: 30 Sep 2020 22:38

Tgt Ion:244 Resp: 823683
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.6 9.0 13.4

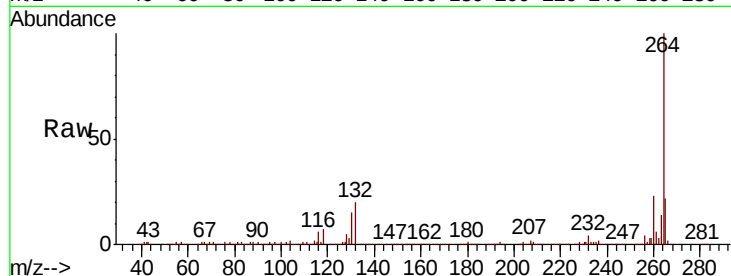




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF121753.D
Acq: 30 Sep 2020 22:38

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.5	17.3	25.9



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

