

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121151.D
 Acq On : 31 Jul 2020 11:39
 Operator : JU/CG
 Sample : PB130555TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130555TB

Quant Time: Jul 31 13:36:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	141030	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	545957	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	282805	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	563348	20.00	ng	0.00
76) Chrysene-d12	13.97	240	514172	20.00	ng	0.00
86) Perylene-d12	15.42	264	513488	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	881117	102.42	ng	0.00
7) Phenol-d6	6.44	99	1083950	97.54	ng	0.00
23) Nitrobenzene-d5	7.36	82	687982	72.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	317174	102.46	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1279652	67.56	ng	0.00
79) Terphenyl-d14	12.92	244	1361007	57.54	ng	0.00

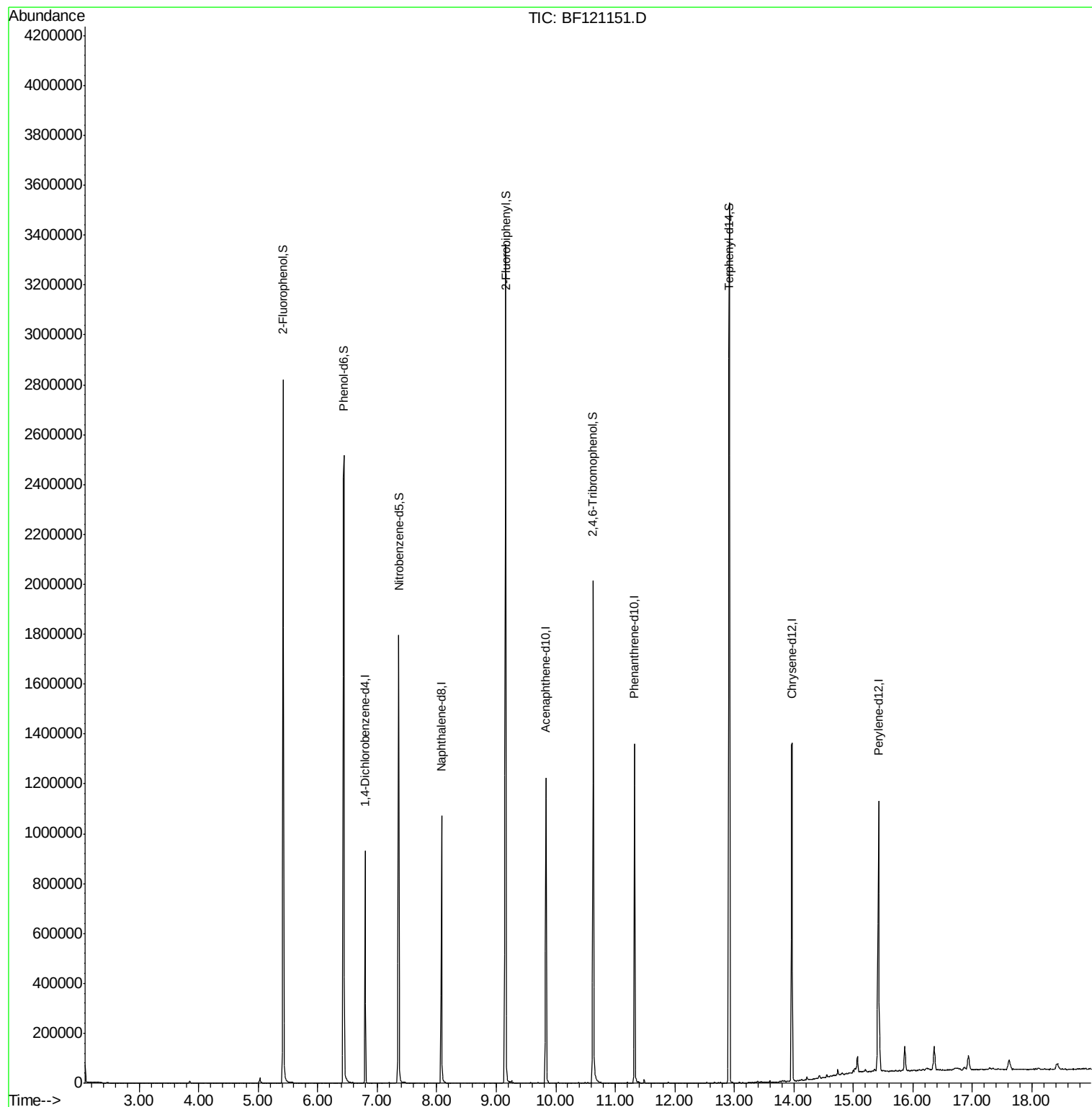
Target Compounds Qvalue

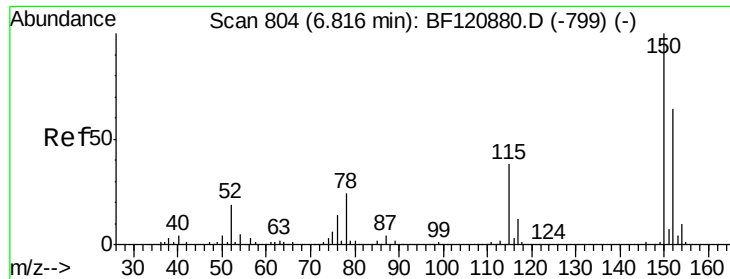
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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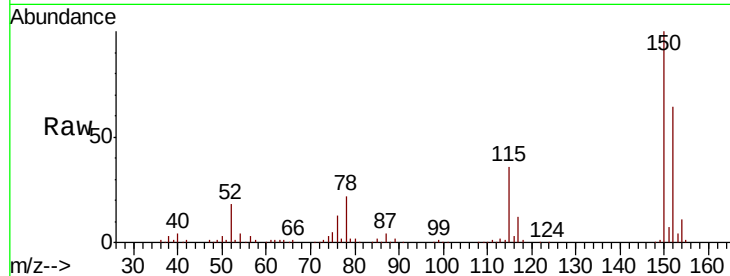


#1

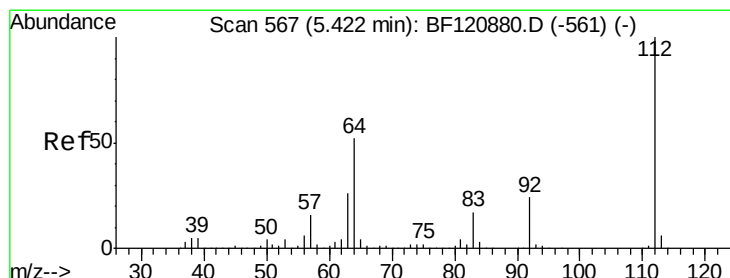
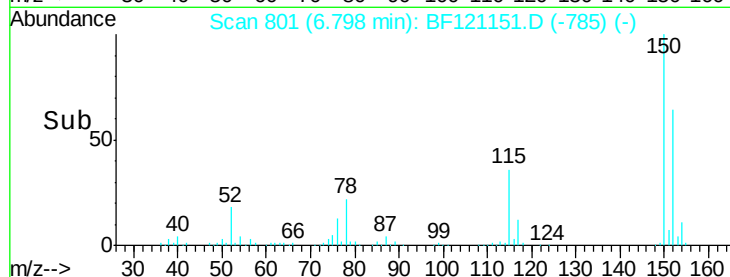
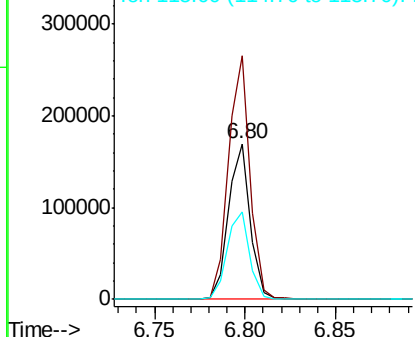
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121151.D
Acq: 31 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
PB130555TB

Tot Ion:152 Resp: 141030
Ion Ratio Lower Upper
152 100
150 156.3 125.6 188.4
115 56.5 46.2 69.2



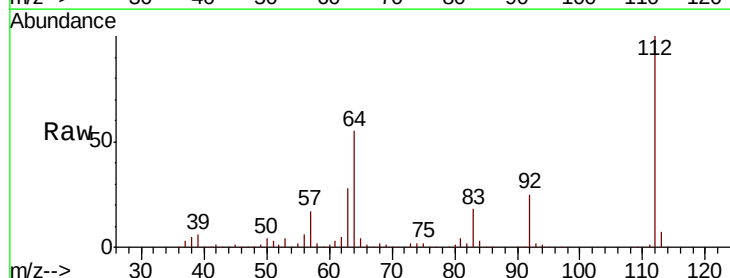
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



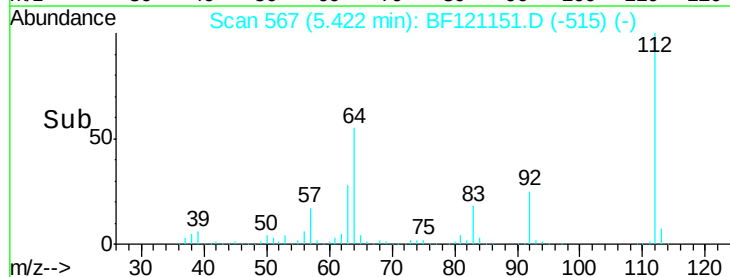
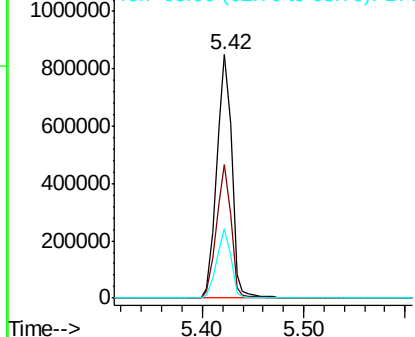
#5

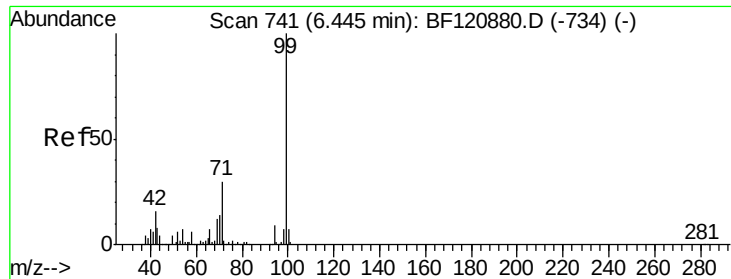
2-Fluorophenol
Concen: 102.423 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF121151.D
Acq: 31 Jul 2020 11:39

Tgt Ion:112 Resp: 881117
Ion Ratio Lower Upper
112 100
64 54.8 43.9 65.9
63 28.4 22.7 34.1



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: 97.543 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121151.D

Acq: 31 Jul 2020 11:39

Instrument :

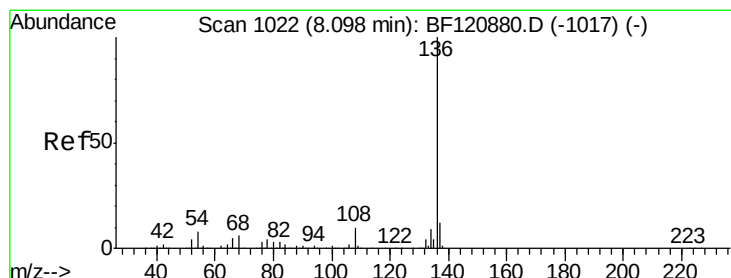
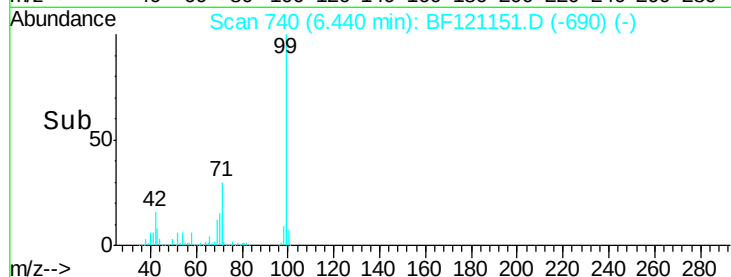
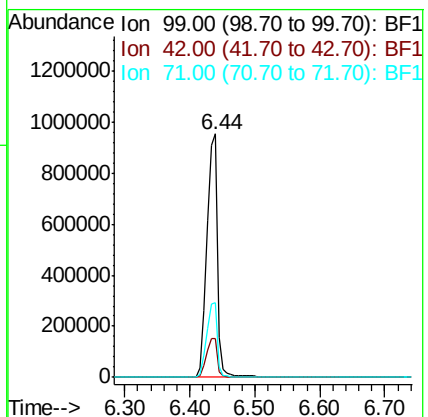
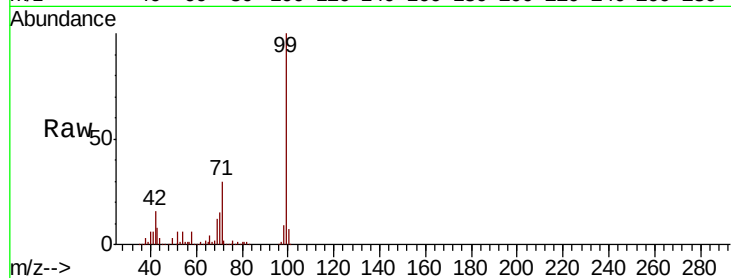
BNA_F

ClientSampleId :

PB130555TB

Tot Ion: 99 Resp: 1083950

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	30.5	25.0	37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

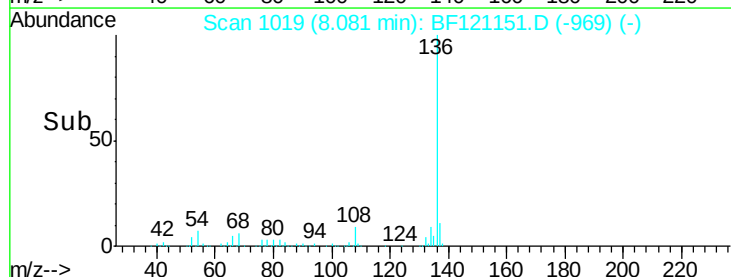
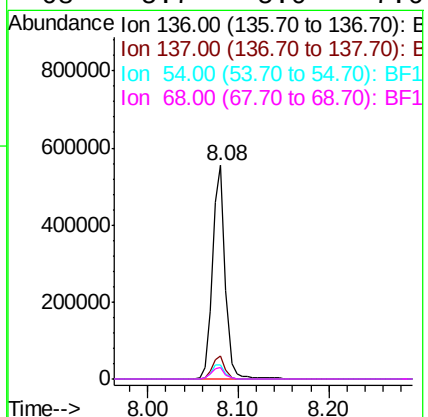
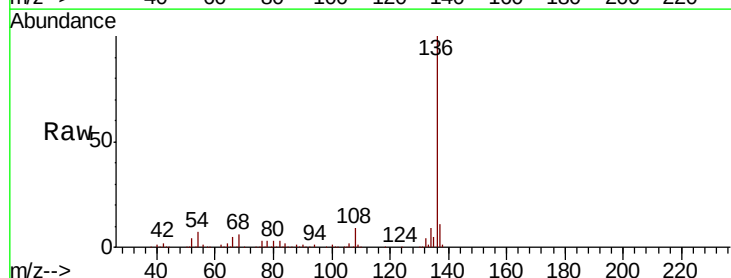
Delta R.T. -0.01 min

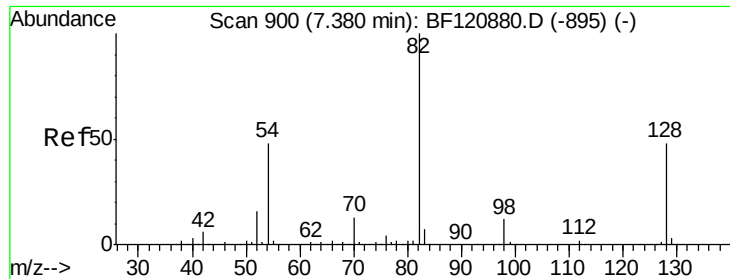
Lab File: BF121151.D

Acq: 31 Jul 2020 11:39

Tgt Ion: 136 Resp: 545957

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.8	6.1	9.1
68	5.7	5.0	7.6

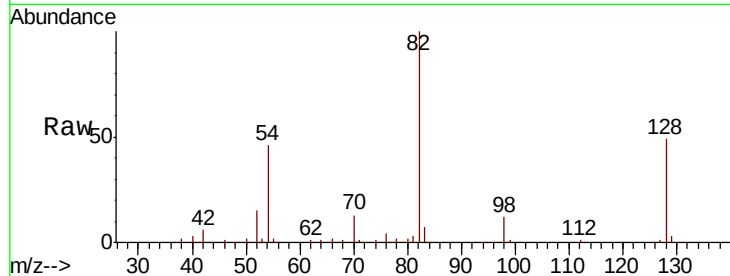




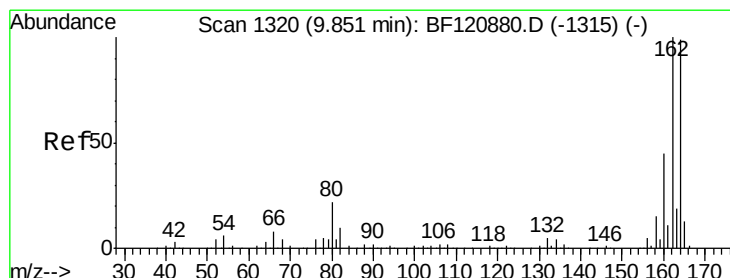
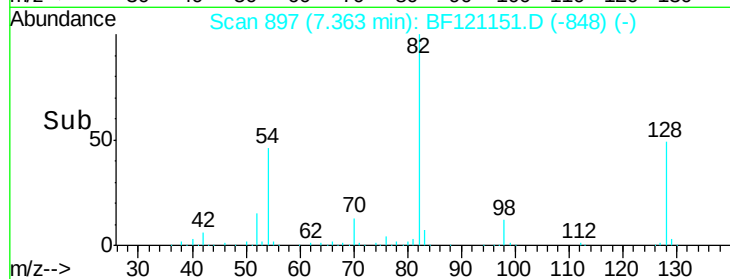
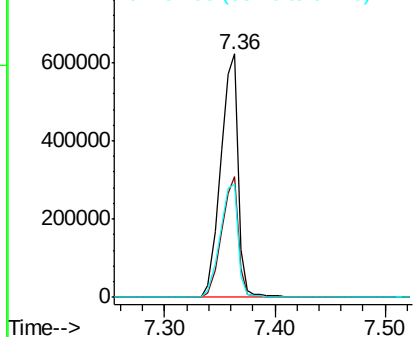
#23
 Nitrobenzene-d5
 Concen: 72.916 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121151.D
 Acq: 31 Jul 2020 11:39

Instrument :
 BNA_F
 ClientSampleId :
 PB130555TB

Tot Ion	82	Resp	687982
Ion Ratio	100	Lower	Upper
128	49.4	39.2	58.8
54	46.2	37.8	56.8

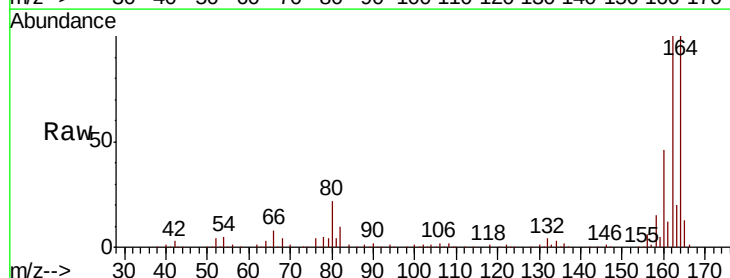


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

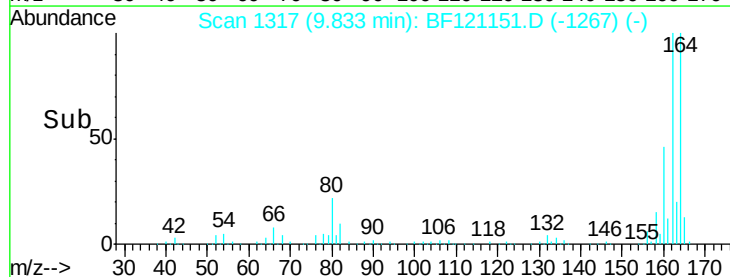
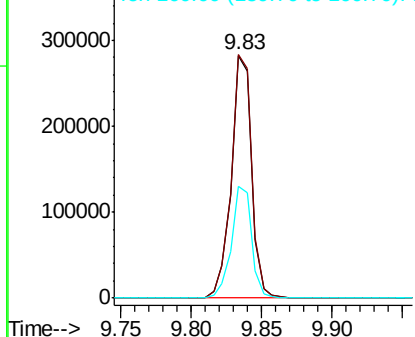


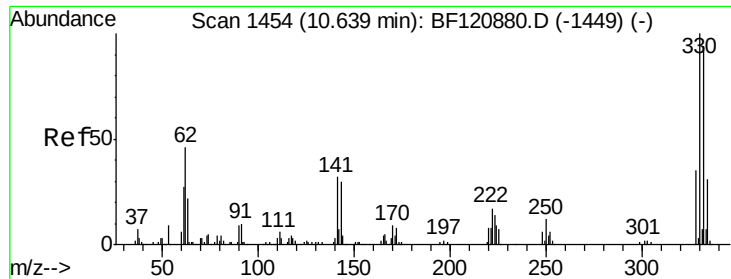
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121151.D
 Acq: 31 Jul 2020 11:39

Tgt Ion	164	Resp	282805
Ion Ratio	100	Lower	Upper
162	100.4	82.2	123.2
160	46.0	37.2	55.8



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: 102.460 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF121151.D

Acq: 31 Jul 2020 11:39

Instrument :

BNA_F

ClientSampleId :

PB130555TB

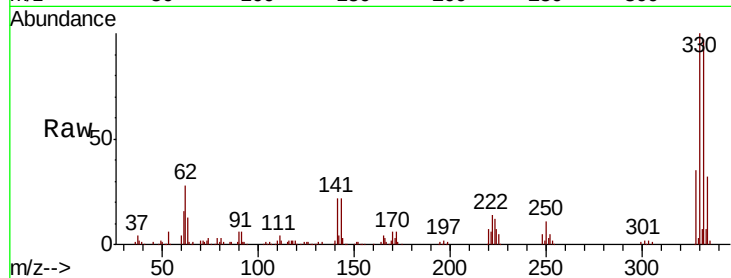
Tot Ion:330 Resp: 317174

Ion Ratio Lower Upper

330 100

332 95.8 76.1 114.1

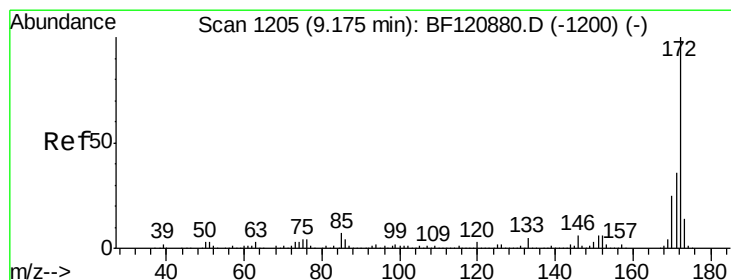
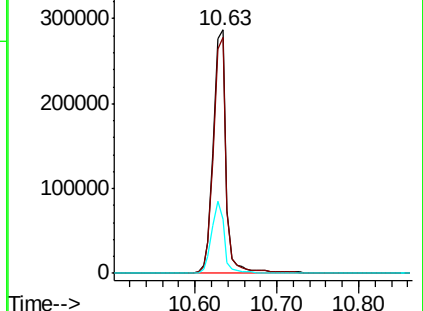
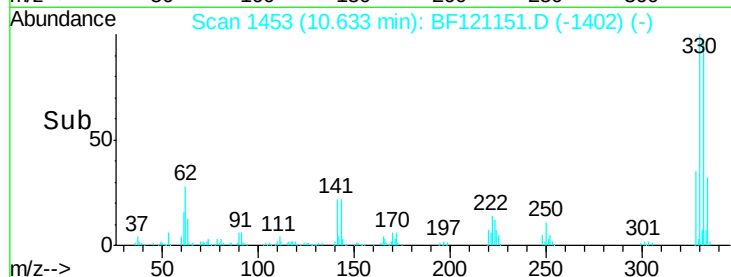
141 29.4 24.1 36.1



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: 67.558 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121151.D

Acq: 31 Jul 2020 11:39

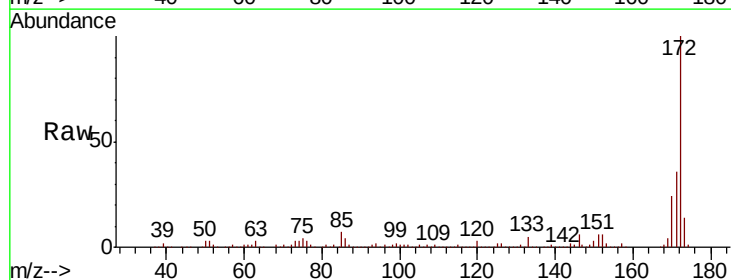
Tgt Ion:172 Resp: 1279652

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.4

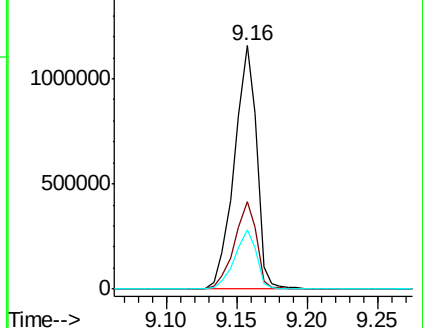
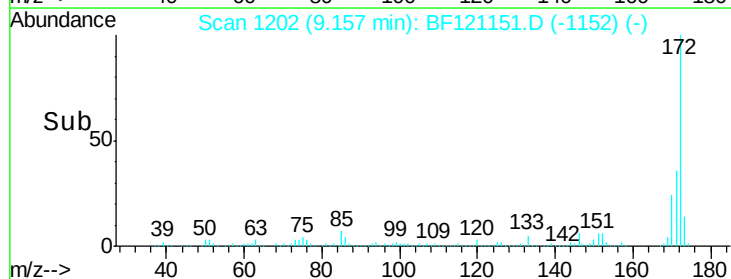
170 24.3 19.6 29.4

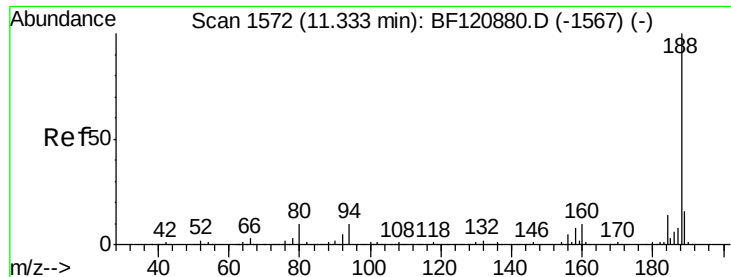


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

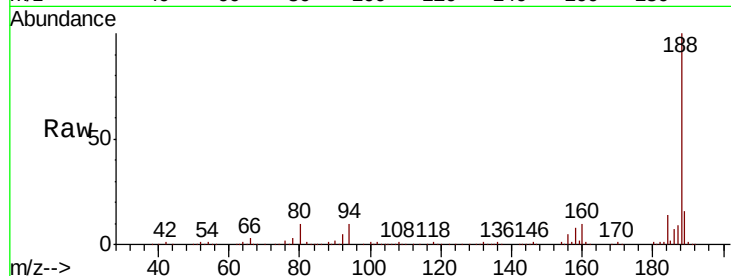




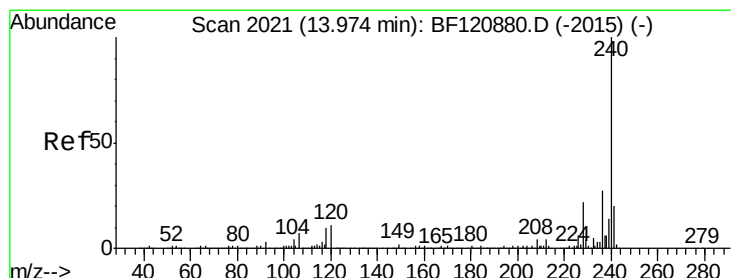
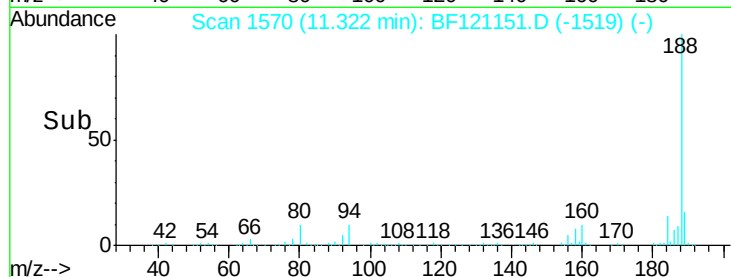
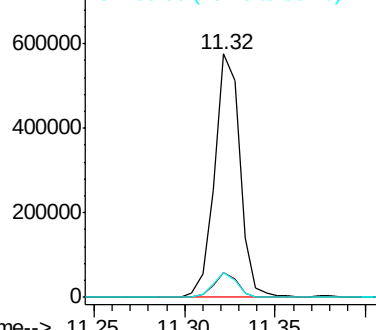
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121151.D
Acq: 31 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
PB130555TB

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.0	12.0
80	10.4	8.3	12.5

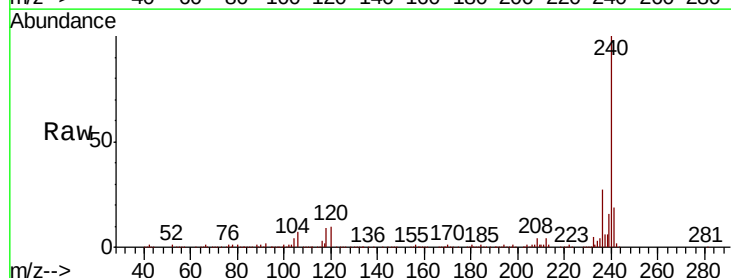


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

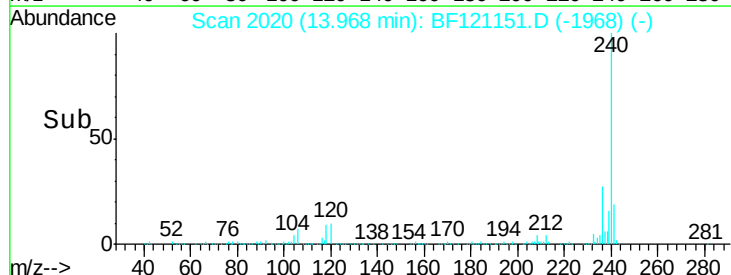
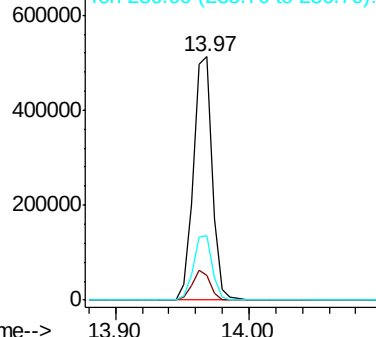


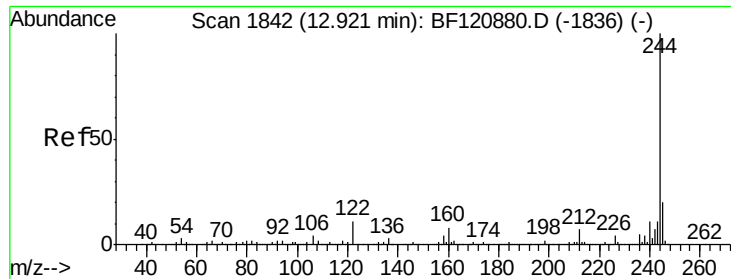
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF121151.D
Acq: 31 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.3	13.9
236	26.7	21.1	31.7



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

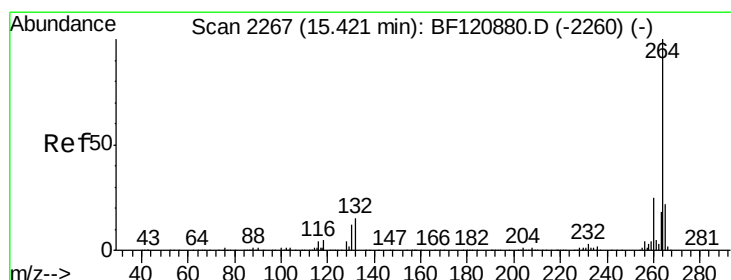
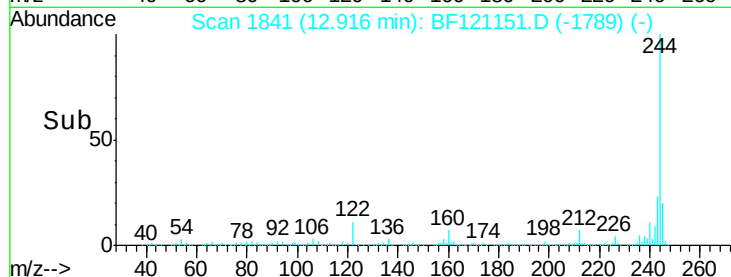
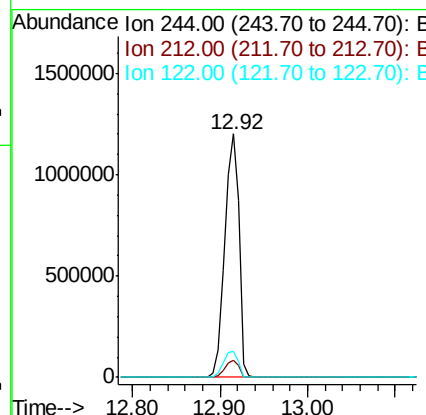
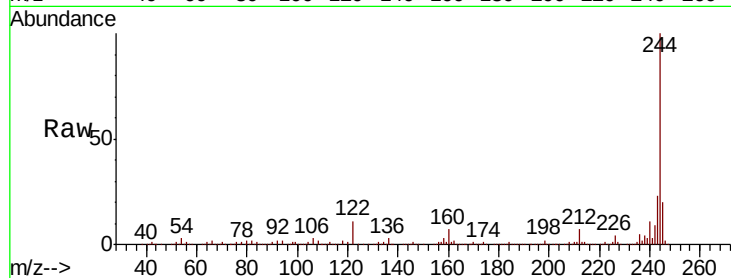




#79
 Terphenyl-d14
 Concen: 57.540 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF121151.D
 Acq: 31 Jul 2020 11:39

Instrument :
 BNA_F
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 PB130555TB

Tot Ion:244 Resp: 1361007
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.02 min
 Lab File: BF121151.D
 Acq: 31 Jul 2020 11:39

Tgt Ion:264 Resp: 513488
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.9 29.9
 265 21.7 17.8 26.8

