

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121369.D
 Acq On : 21 Aug 2020 16:03
 Operator : JU/CG
 Sample : PB131130BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131130BL

Quant Time: Aug 21 17:06:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	158367	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	627282	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	326724	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	639287	20.00	ng	0.00
76) Chrysene-d12	13.84	240	547872	20.00	ng	0.00
86) Perylene-d12	15.26	264	531090	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1062803	110.04	ng	0.02
7) Phenol-d6	6.34	99	1303366	105.71	ng	0.00
23) Nitrobenzene-d5	7.26	82	887710	80.04	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	394221	103.54	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1517376	89.90	ng	0.00
79) Terphenyl-d14	12.80	244	1591574	56.77	ng	0.00

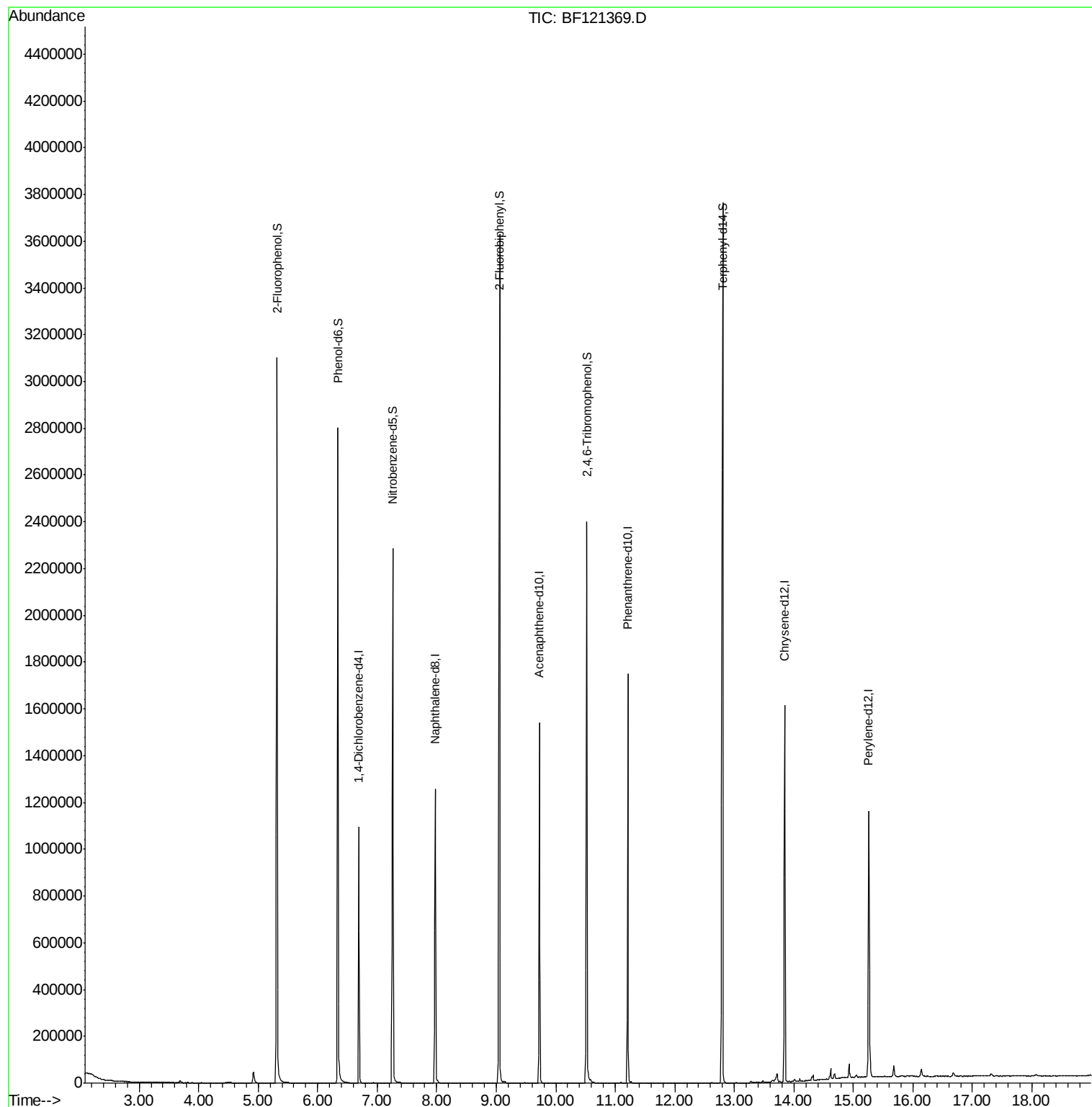
Target Compounds Qvalue

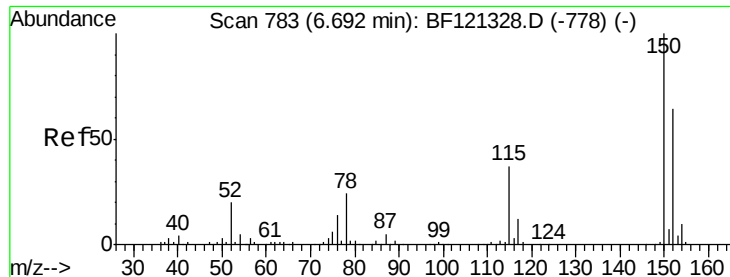
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF121369.D

Acq: 21 Aug 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB131130BL

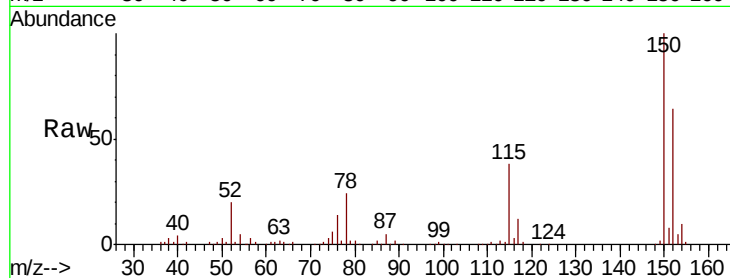
Tot Ion:152 Resp: 158367

Ion Ratio Lower Upper

152 100

150 156.9 124.8 187.2

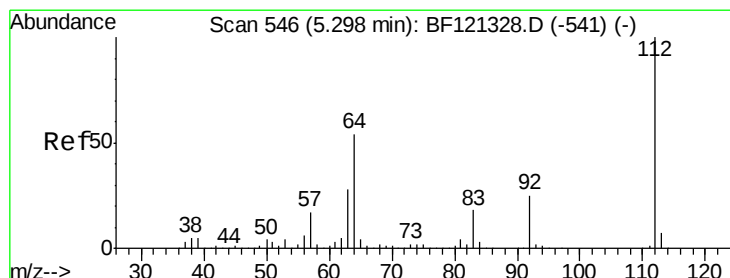
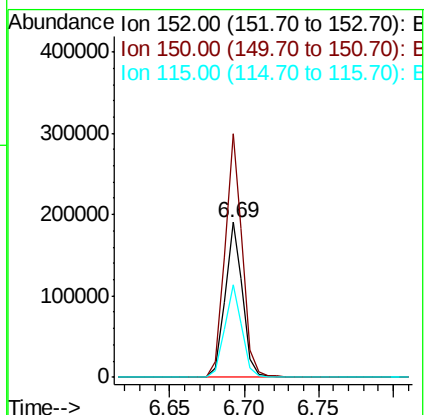
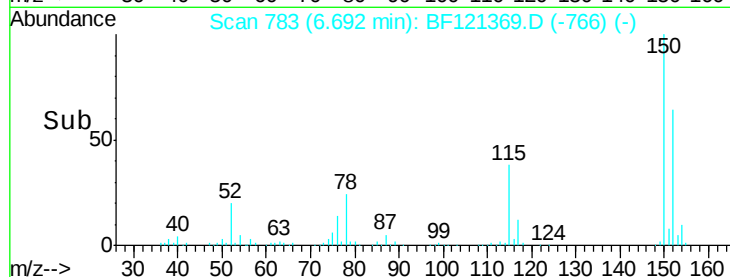
115 59.8 46.1 69.1



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: 110.043 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.02 min

Lab File: BF121369.D

Acq: 21 Aug 2020 16:03

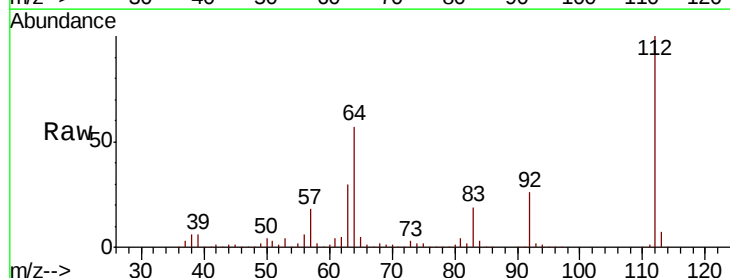
Tgt Ion:112 Resp: 1062803

Ion Ratio Lower Upper

112 100

64 57.1 43.5 65.3

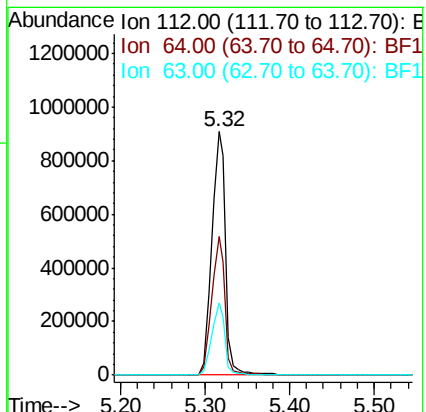
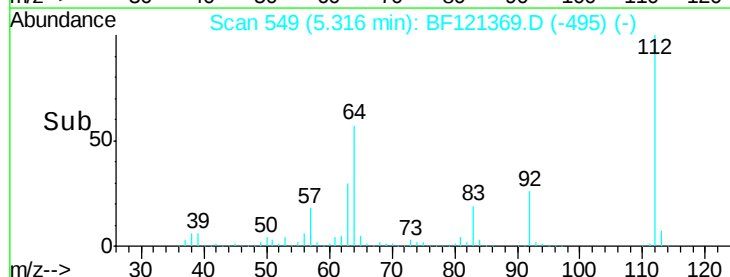
63 29.6 22.0 33.0



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: 105.712 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF121369.D

Acq: 21 Aug 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB131130BL

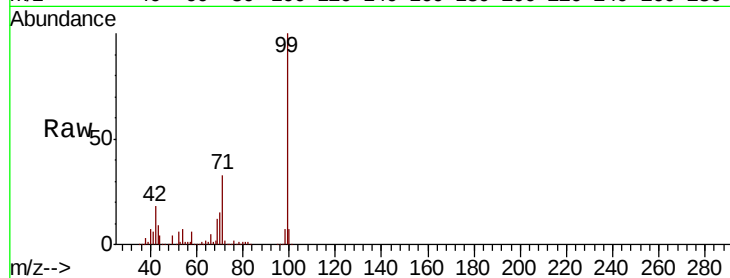
Tot Ion: 99 Resp: 1303366

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.5	20.3
71	32.9	25.2	37.8

99 100

42 17.8 13.5 20.3

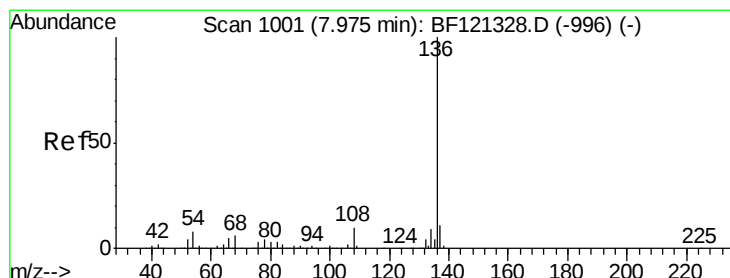
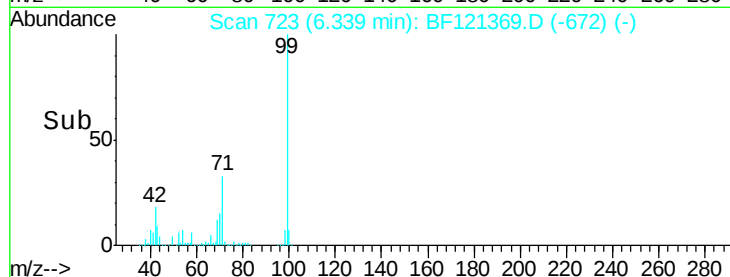
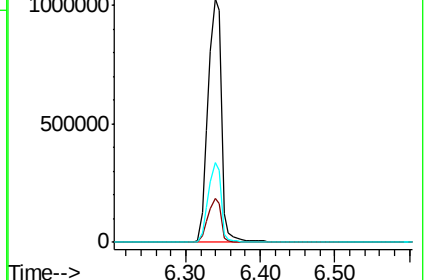
71 32.9 25.2 37.8



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: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF121369.D

Acq: 21 Aug 2020 16:03

Tgt Ion: 136 Resp: 627282

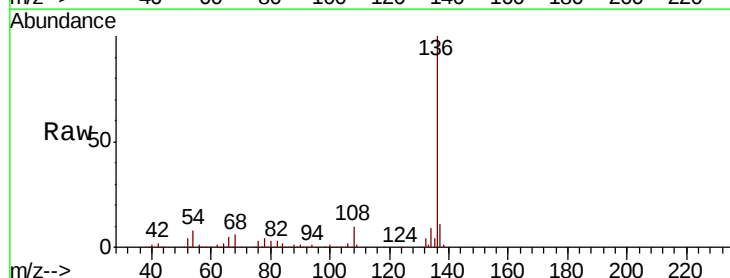
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.7	6.1	9.1
68	6.2	5.0	7.4

136 100

137 11.1 8.9 13.3

54 7.7 6.1 9.1

68 6.2 5.0 7.4

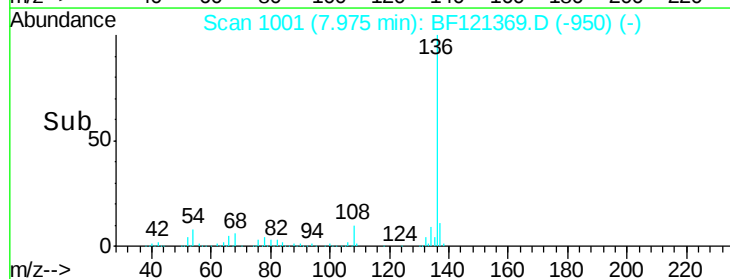
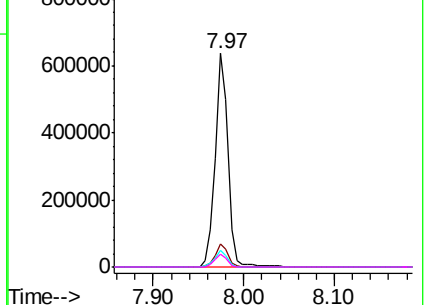


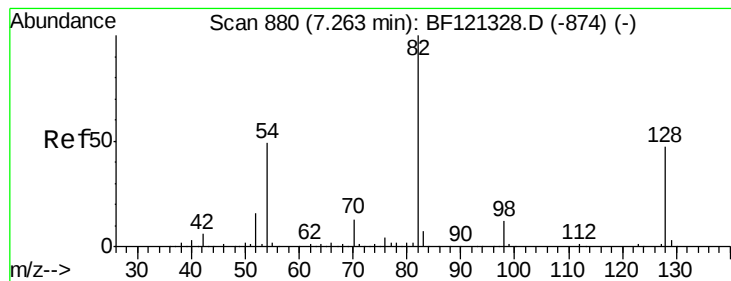
Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.037 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF121369.D

Acq: 21 Aug 2020 16:03

Instrument :

BNA_F

ClientSampled :

PB131130BL

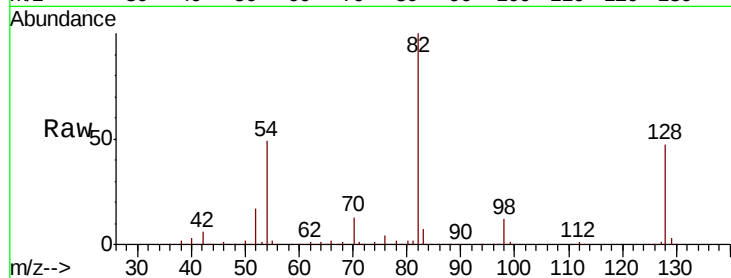
Tot Ion: 82 Resp: 887710

Ion Ratio Lower Upper

82 100

128 47.0 37.9 56.9

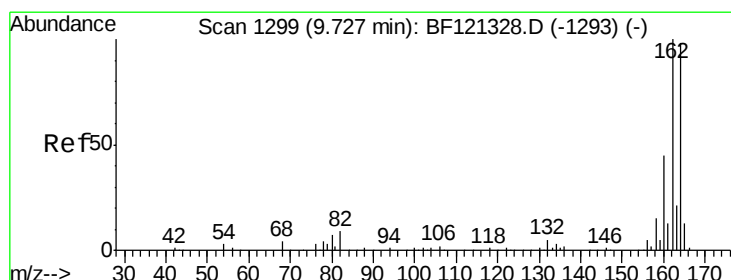
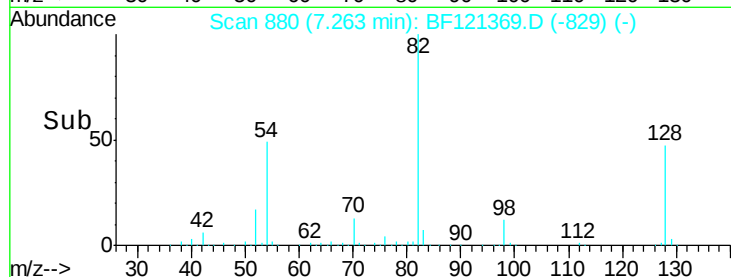
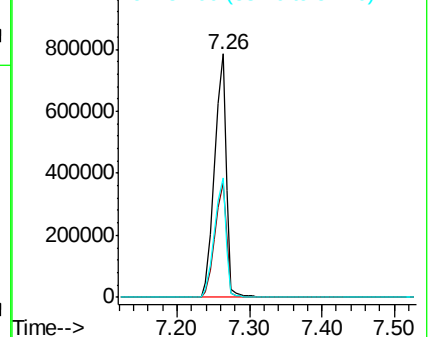
54 49.2 39.0 58.4



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: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF121369.D

Acq: 21 Aug 2020 16:03

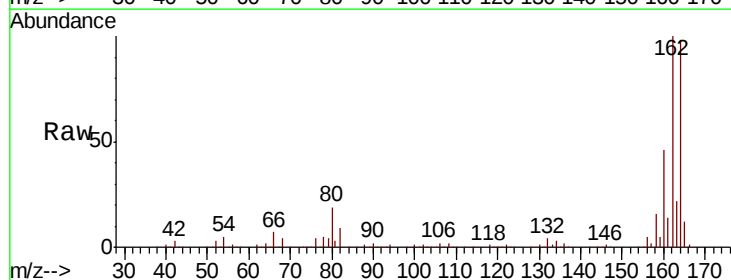
Tgt Ion:164 Resp: 326724

Ion Ratio Lower Upper

164 100

162 102.4 81.7 122.5

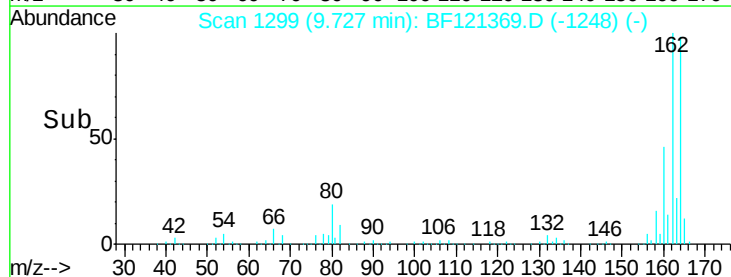
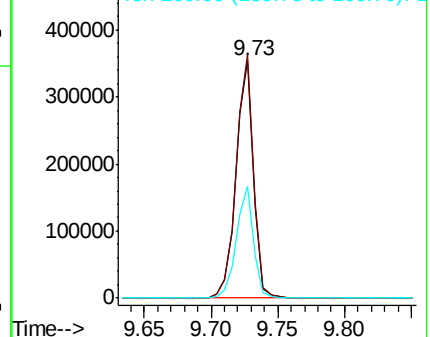
160 46.8 37.0 55.4

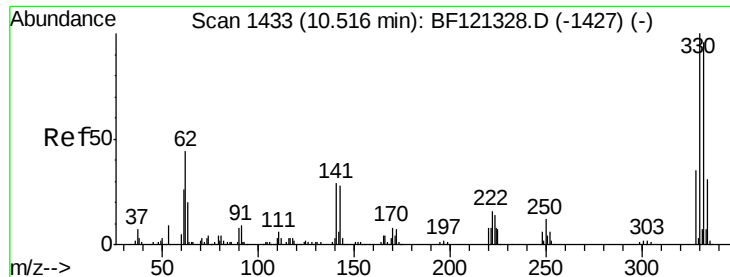


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 103.542 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF121369.D

Acq: 21 Aug 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB131130BL

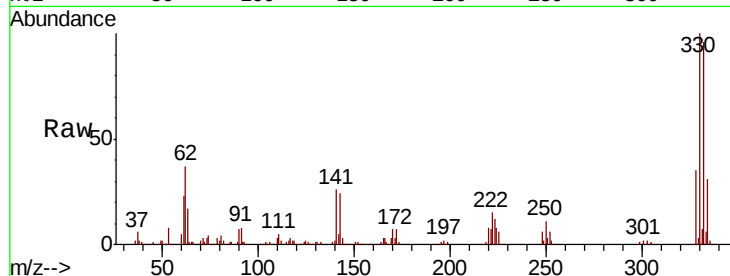
Tot Ion:330 Resp: 394221

Ion Ratio Lower Upper

330 100

332 95.7 76.9 115.3

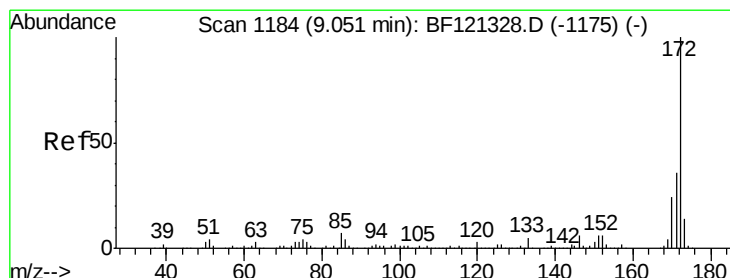
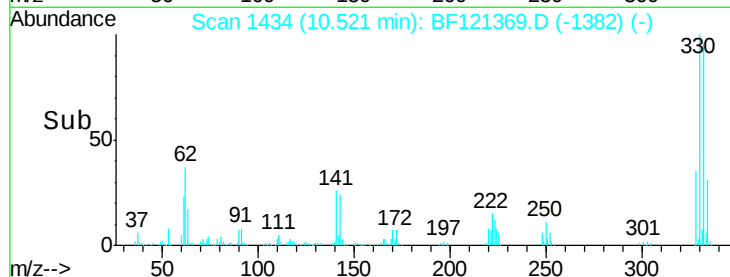
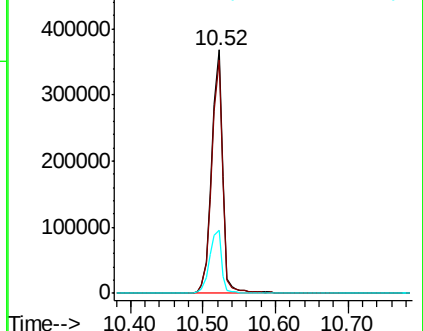
141 28.3 22.8 34.2



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: 89.900 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF121369.D

Acq: 21 Aug 2020 16:03

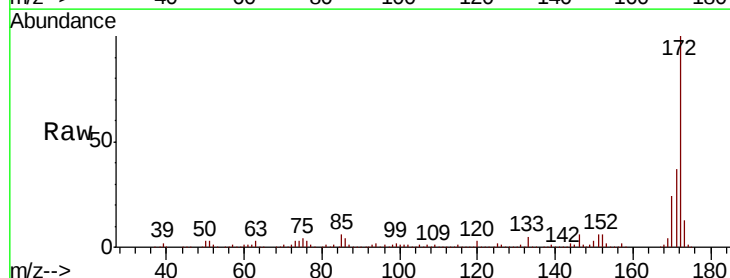
Tgt Ion:172 Resp: 1517376

Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.6

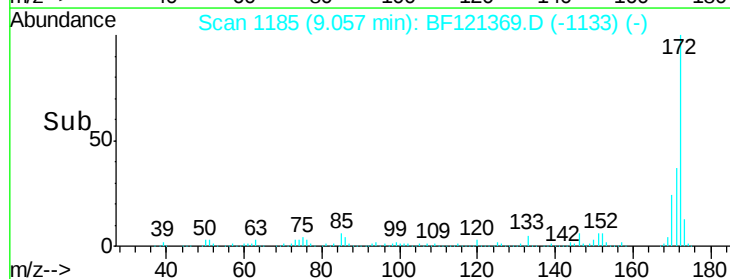
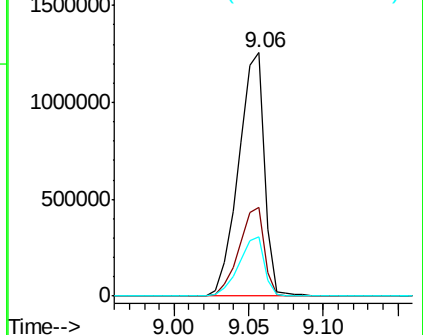
170 24.4 19.4 29.2

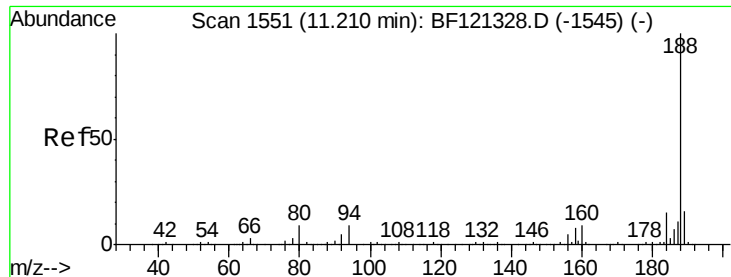


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

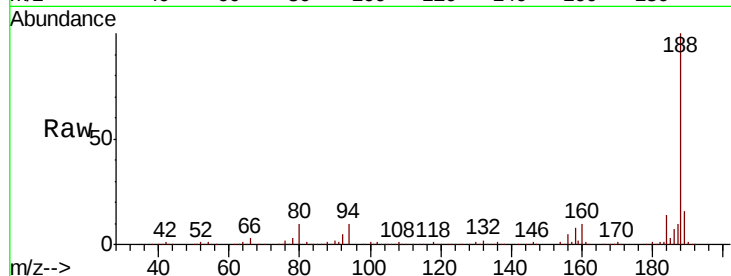




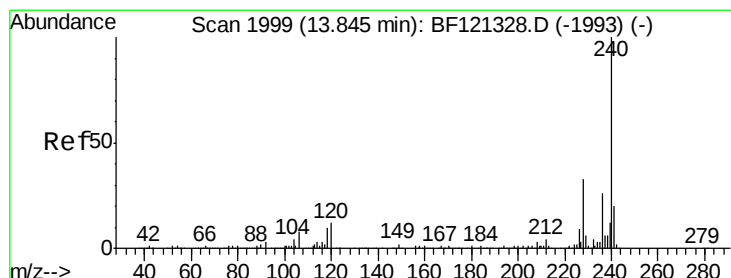
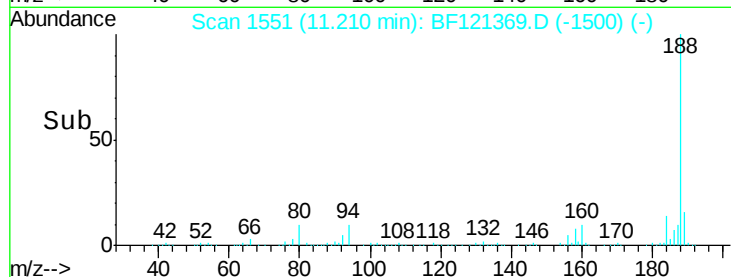
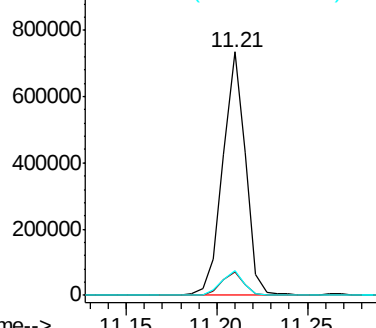
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF121369.D
Acq: 21 Aug 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB131130BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.0	7.4	11.0

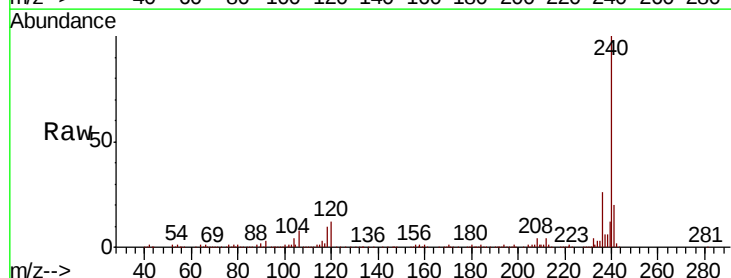


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

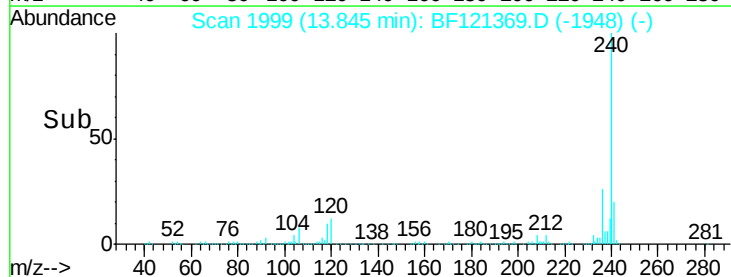
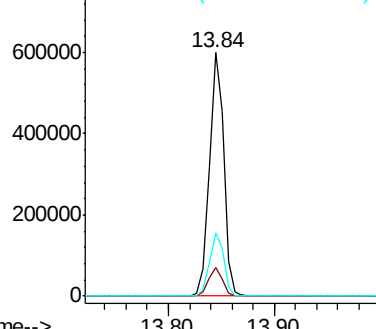


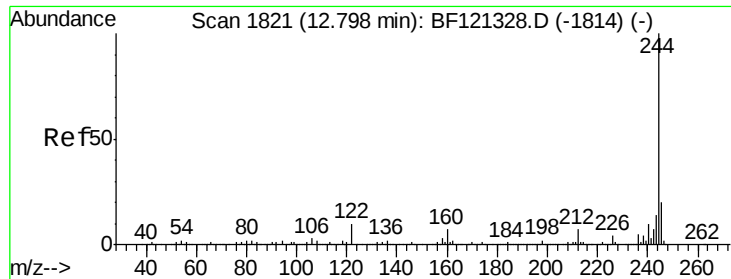
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF121369.D
Acq: 21 Aug 2020 16:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.6	14.4
236	26.0	20.6	31.0



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

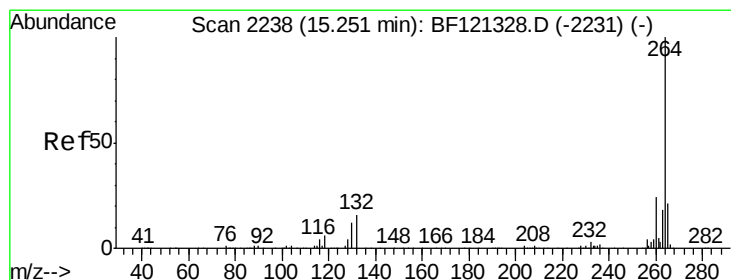
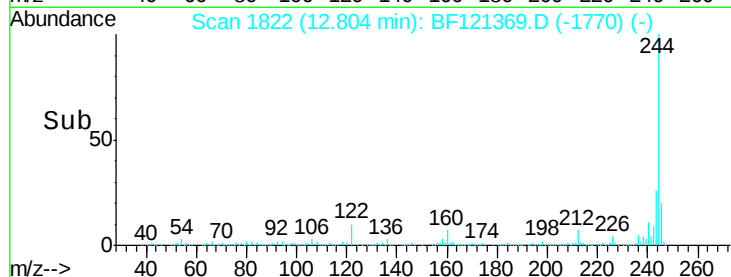
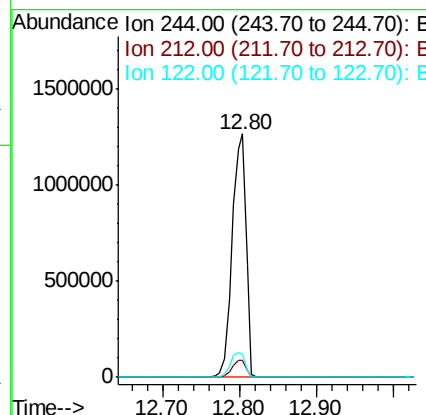
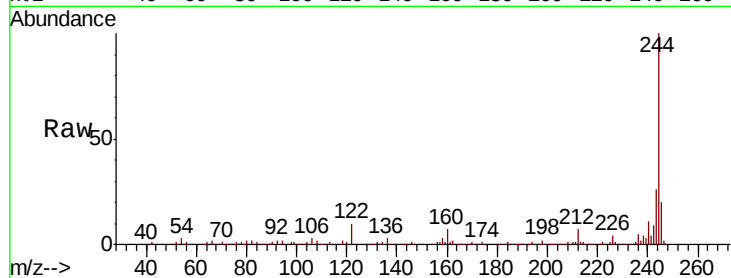




#79
 Terphenyl-d14
 Concen: 56.768 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: BF121369.D
 Acq: 21 Aug 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB131130BL

Tot Ion:244 Resp: 1591574
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 9.7 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2239
 Delta R.T. 0.01 min
 Lab File: BF121369.D
 Acq: 21 Aug 2020 16:03

Tgt Ion:264 Resp: 531090
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.7 17.1 25.7

