

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120888.D
 Acq On : 16 Jul 2020 16:28
 Operator : JU/CG
 Sample : PB130244BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130244BL

Quant Time: Jul 16 18:57:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	165863	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	639698	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	334214	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	672235	20.00	ng	0.00
76) Chrysene-d12	13.97	240	604112	20.00	ng	0.00
86) Perylene-d12	15.42	264	558104	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1078542	106.60	ng	0.00
7) Phenol-d6	6.44	99	1327423	101.57	ng	0.00
23) Nitrobenzene-d5	7.37	82	817495	73.95	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	403438	110.28	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1460140	65.23	ng	0.00
79) Terphenyl-d14	12.92	244	1664327	59.89	ng	0.00

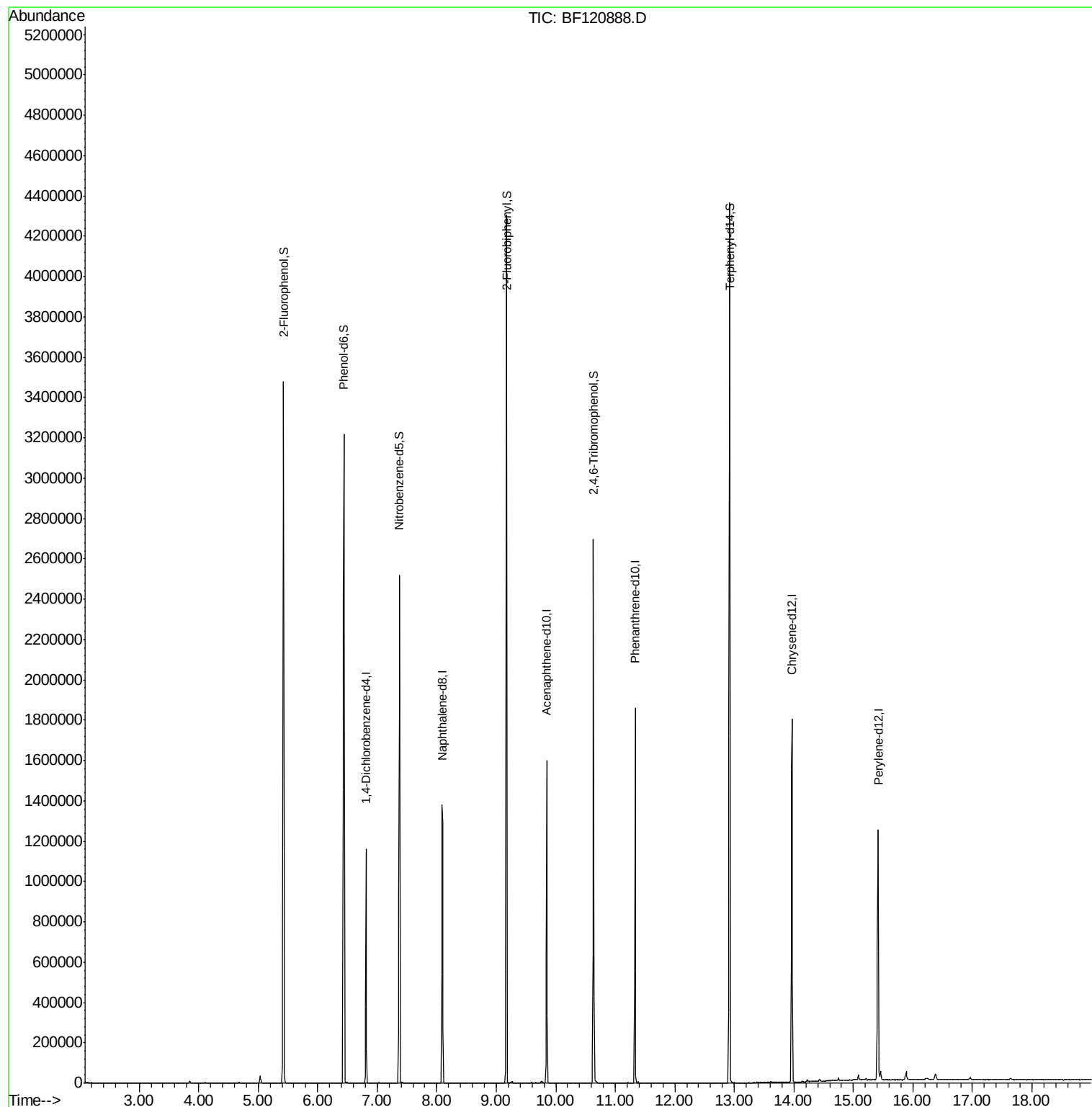
Target Compounds Qvalue

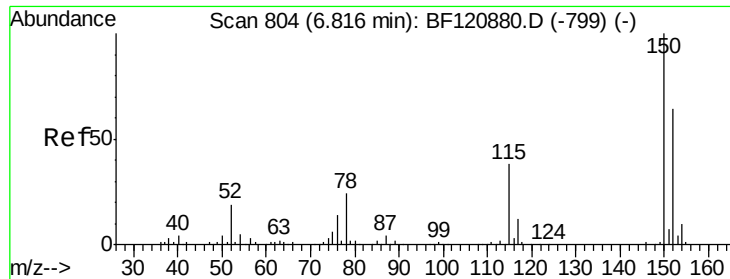
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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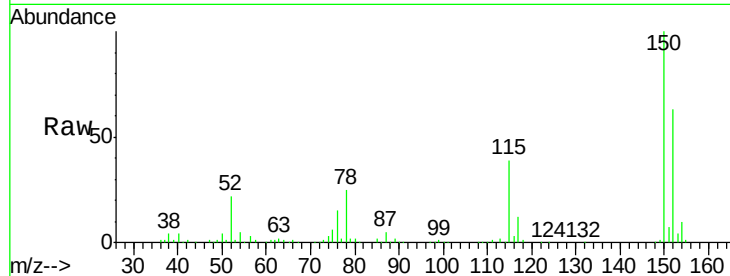


#1

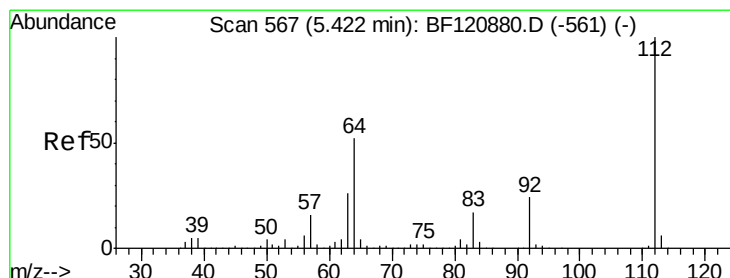
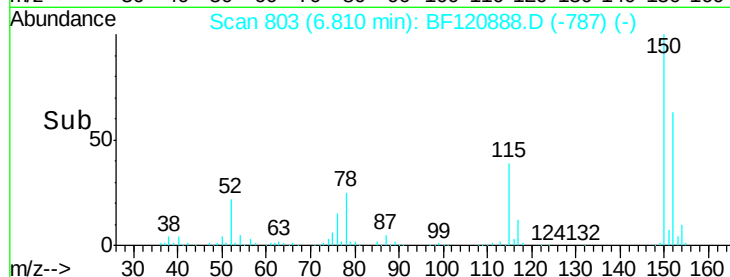
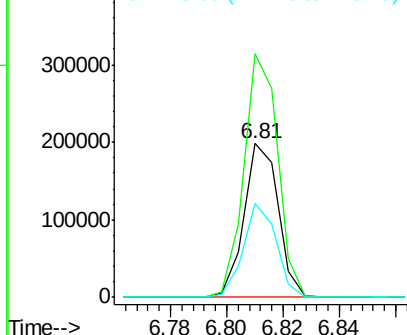
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120888.D
Acq: 16 Jul 2020 16:28

Instrument :
BNA_F
ClientSampleId :
PB130244BL

Tot Ion:152 Resp: 165863
Ion Ratio Lower Upper
152 100
150 158.2 125.0 187.6
115 61.4 47.0 70.4



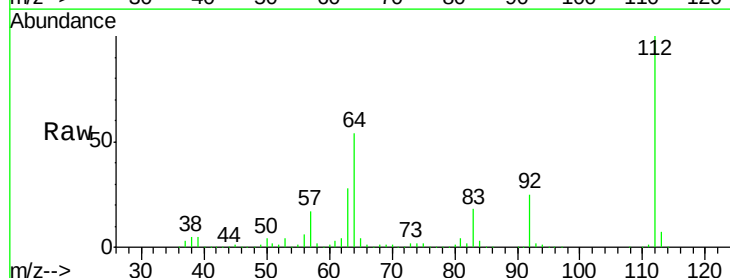
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



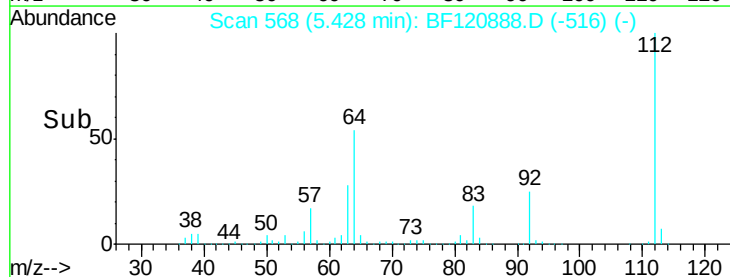
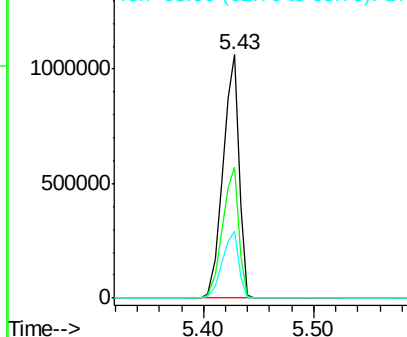
#5

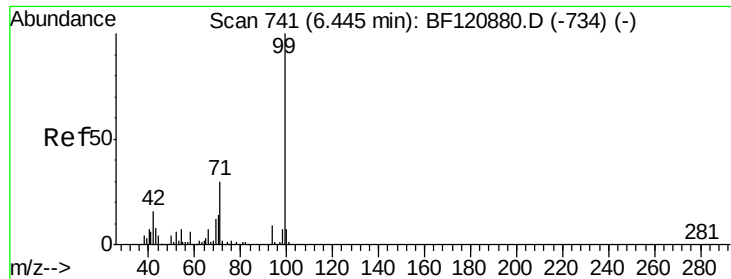
2-Fluorophenol
Concen: 106.601 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF120888.D
Acq: 16 Jul 2020 16:28

Tgt Ion:112 Resp: 1078542
Ion Ratio Lower Upper
112 100
64 53.9 41.3 61.9
63 27.6 21.1 31.7



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: 101.568 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120888.D

Acq: 16 Jul 2020 16:28

Instrument :

BNA_F

ClientSampleId :

PB130244BL

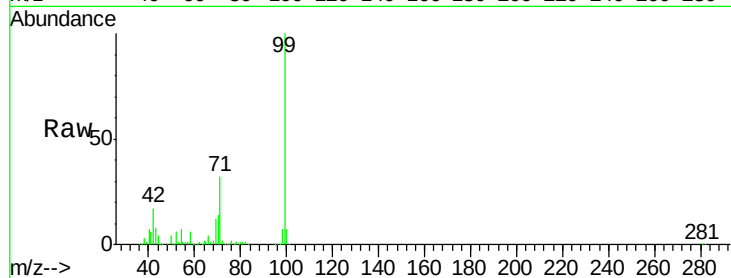
Tot Ion: 99 Resp: 1327423

Ion Ratio Lower Upper

99 100

42 17.1 13.1 19.7

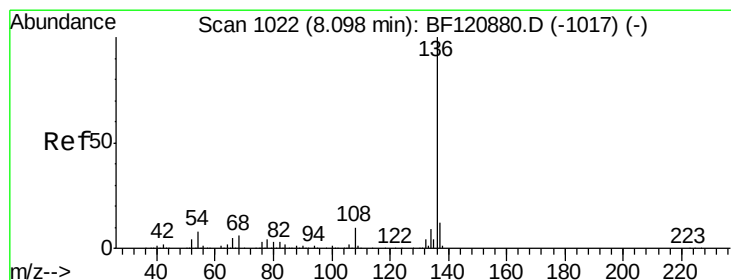
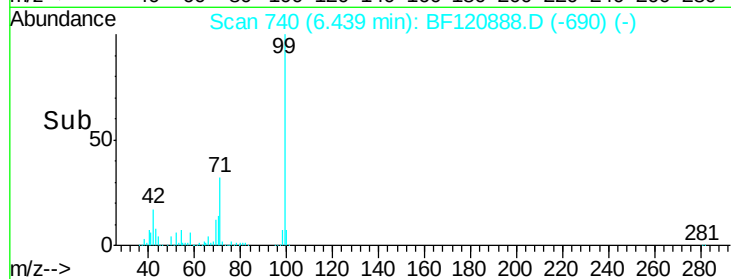
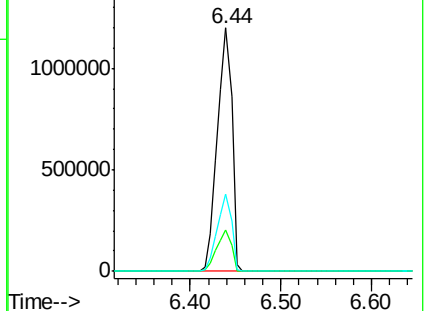
71 31.6 24.2 36.4



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF120888.D

Acq: 16 Jul 2020 16:28

Tgt Ion: 136 Resp: 639698

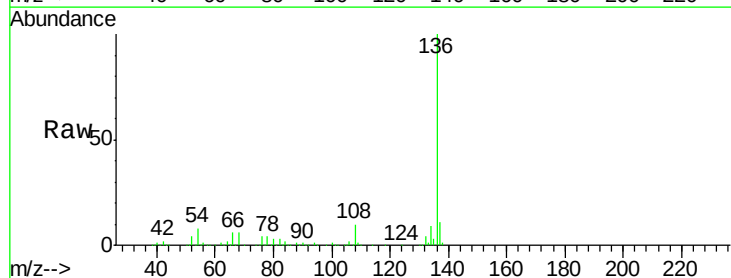
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 8.2 6.3 9.5

68 6.2 5.0 7.4

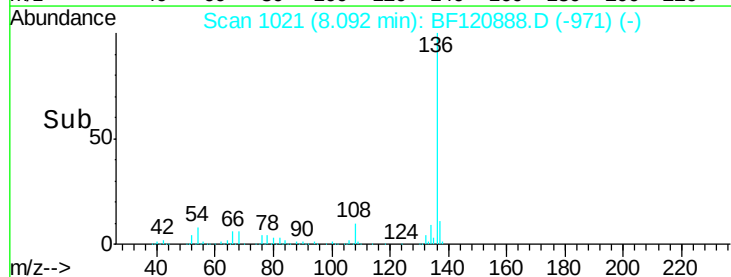
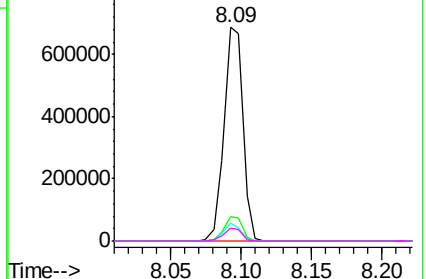


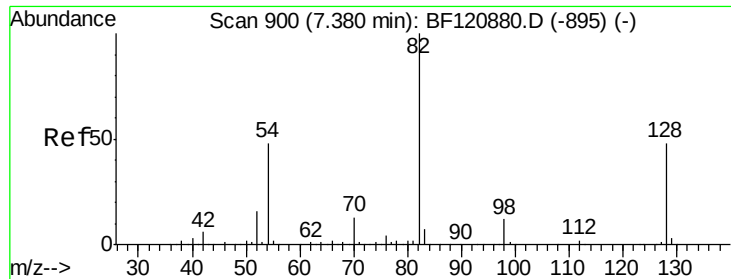
Abundance Ion 136.00 (135.70 to 136.70): E

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

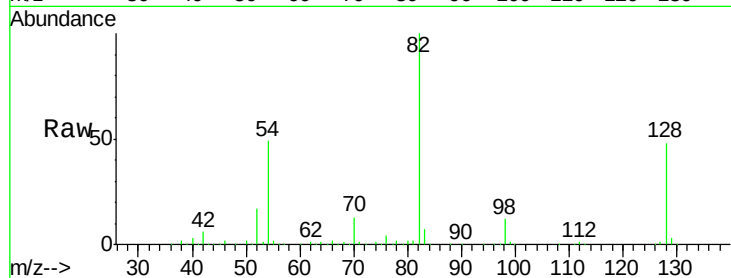




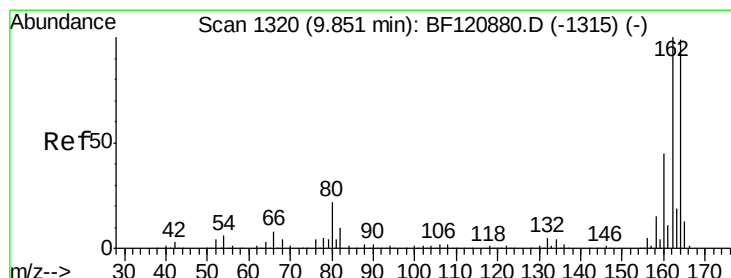
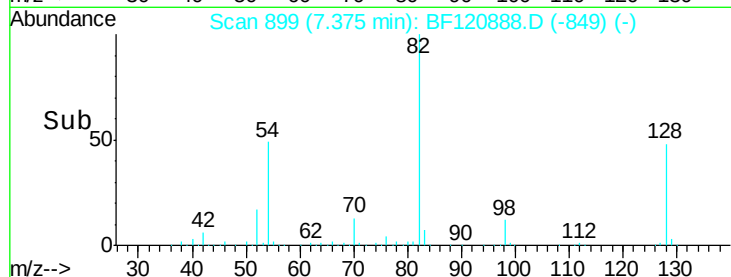
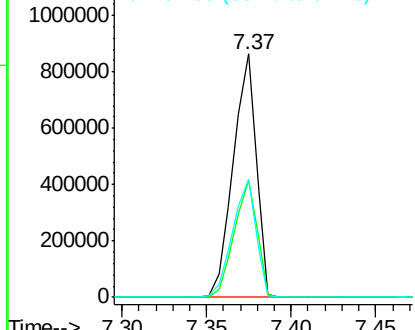
#23
 Nitrobenzene-d5
 Concen: 73.945 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF120888.D
 Acq: 16 Jul 2020 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB130244BL

Tot Ion: 82 Resp: 817495
 Ion Ratio Lower Upper
 82 100
 128 47.9 38.2 57.4
 54 48.7 38.7 58.1

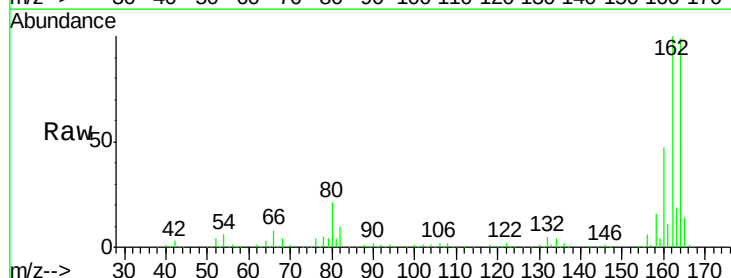


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

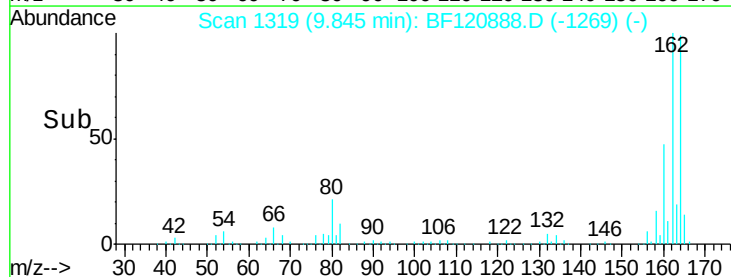
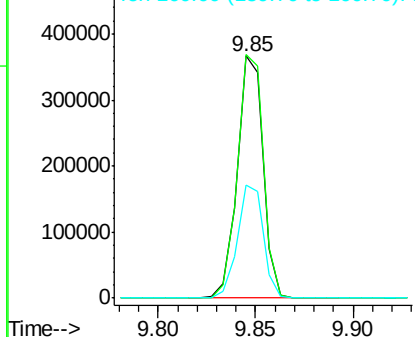


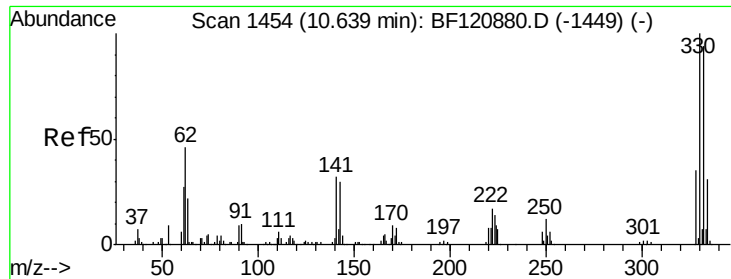
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF120888.D
 Acq: 16 Jul 2020 16:28

Tgt Ion: 164 Resp: 334214
 Ion Ratio Lower Upper
 164 100
 162 100.7 81.2 121.8
 160 46.8 36.9 55.3



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: 110.280 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120888.D

Acq: 16 Jul 2020 16:28

Instrument :

BNA_F

ClientSampleId :

PB130244BL

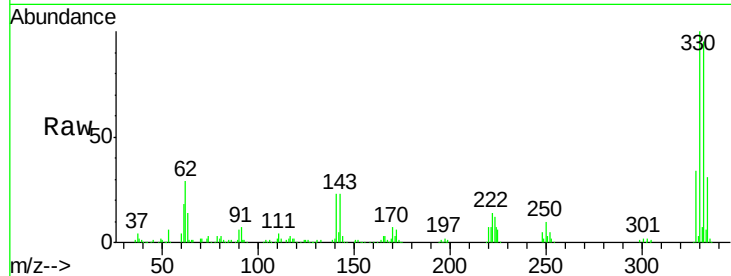
Tot Ion:330 Resp: 403438

Ion Ratio Lower Upper

330 100

332 94.8 75.5 113.3

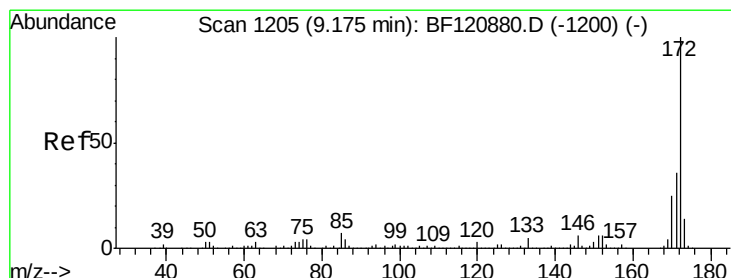
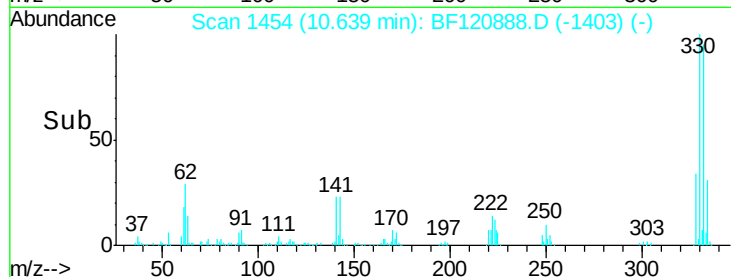
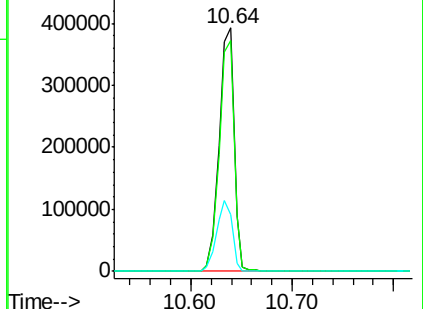
141 30.1 25.7 38.5



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: 65.229 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF120888.D

Acq: 16 Jul 2020 16:28

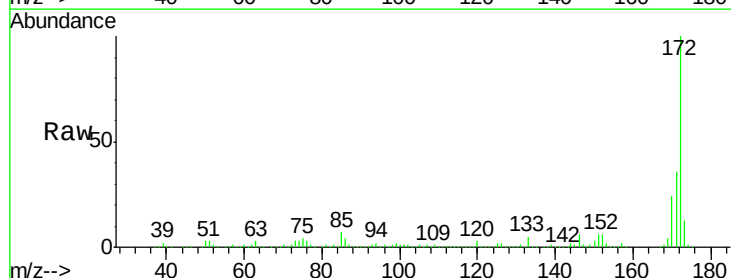
Tgt Ion:172 Resp: 1460140

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.4

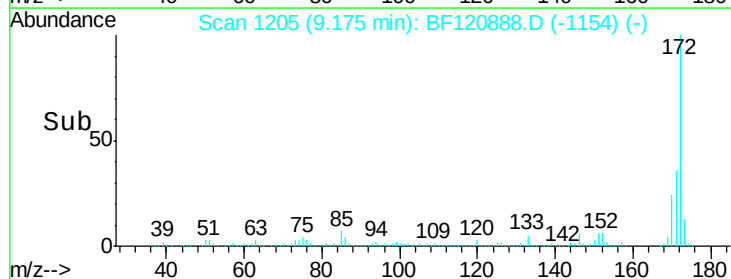
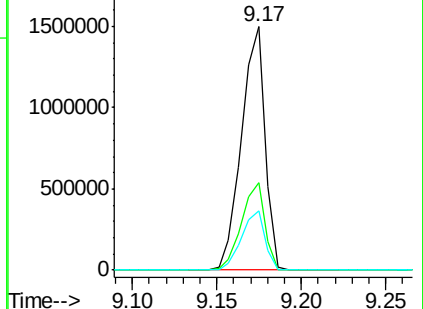
170 24.5 19.6 29.4

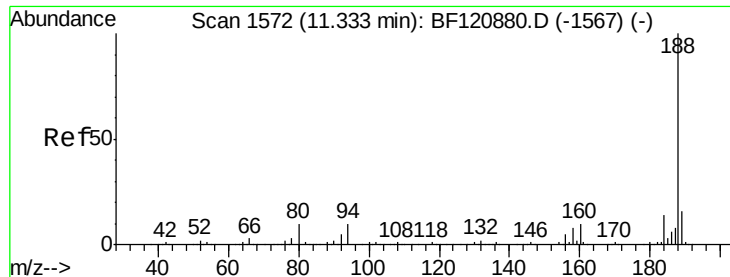


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120888.D

Acq: 16 Jul 2020 16:28

Instrument :

BNA_F

ClientSampleId :

PB130244BL

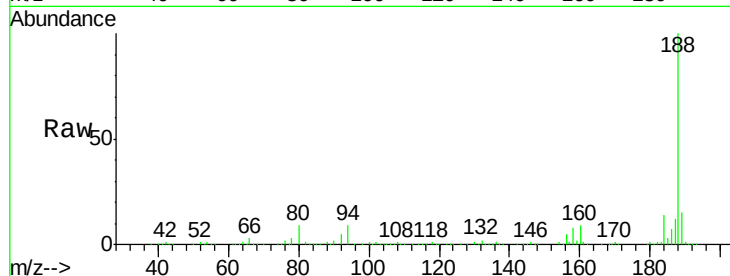
Tot Ion:188 Resp: 672235

Ion Ratio Lower Upper

188 100

94 9.0 8.0 12.0

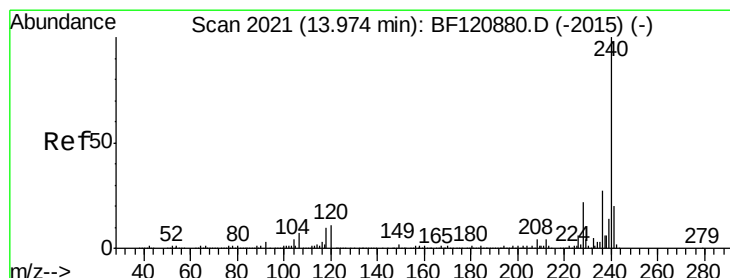
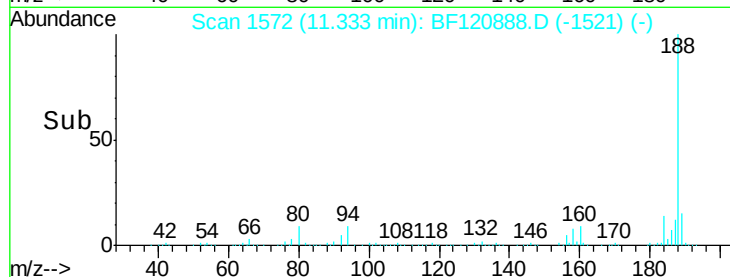
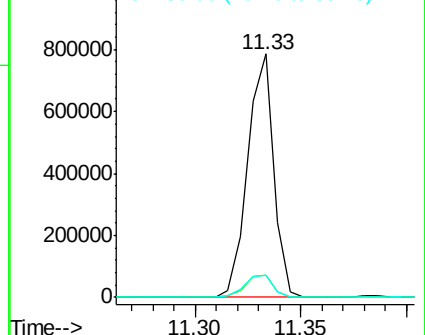
80 9.0 8.3 12.5



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: BF120888.D

Acq: 16 Jul 2020 16:28

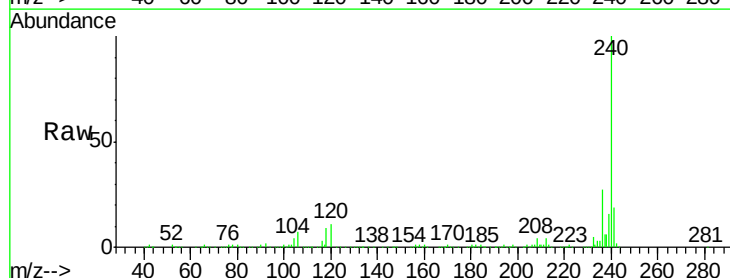
Tgt Ion:240 Resp: 604112

Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.4

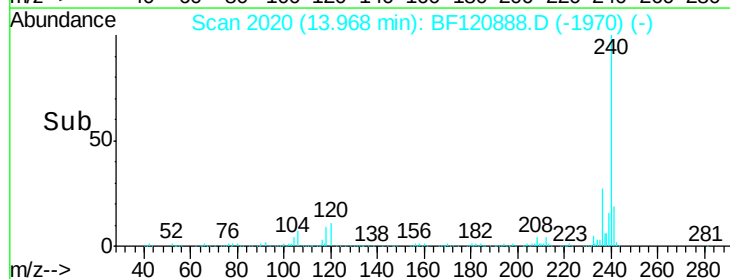
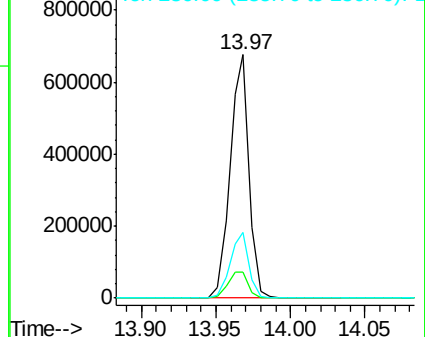
236 27.1 21.7 32.5

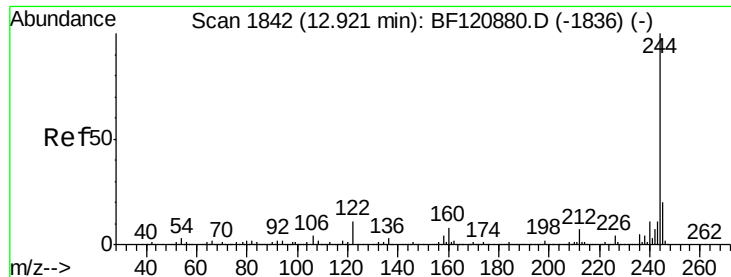


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 59.888 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120888.D

Acq: 16 Jul 2020 16:28

Instrument :

BNA_F

ClientSampleId :

PB130244BL

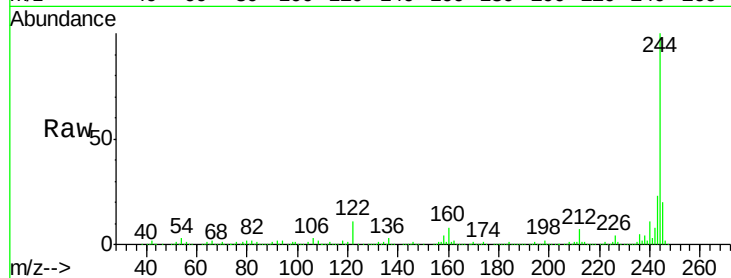
Tot Ion:244 Resp: 1664327

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

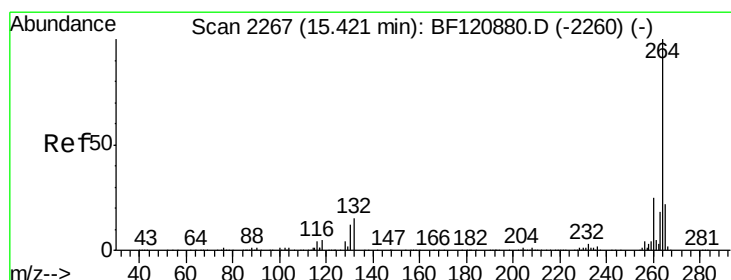
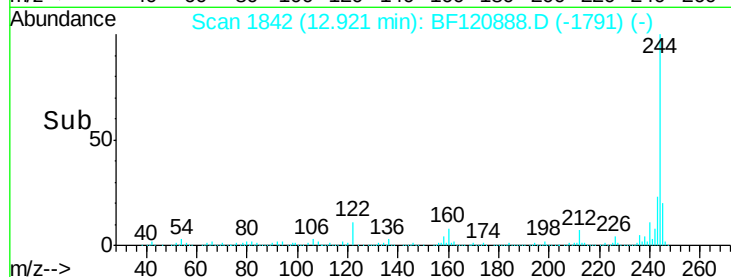
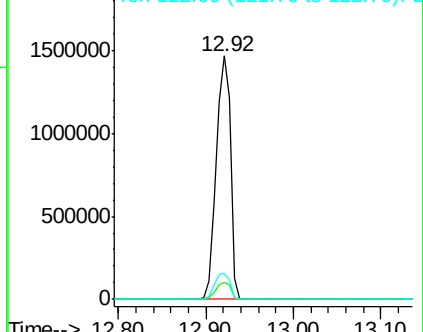
122 10.8 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF120888.D

Acq: 16 Jul 2020 16:28

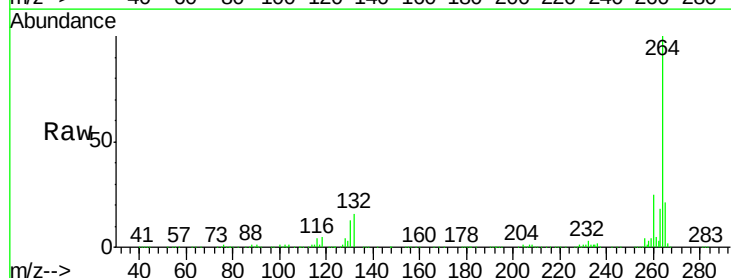
Tgt Ion:264 Resp: 558104

Ion Ratio Lower Upper

264 100

260 24.7 20.0 30.0

265 21.2 17.4 26.2



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

