

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF119988.D
 Acq On : 15 Apr 2020 12:45
 Operator : MA/SJ
 Sample : PB128203BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128203BL

Quant Time: Apr 15 14:20:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	188452	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	730760	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	397222	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	781861	20.00	ng	0.00
76) Chrysene-d12	13.89	240	628641	20.00	ng	-0.01
87) Perylene-d12	15.31	264	558595	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1553560	142.47	ng	0.00
7) Phenol-d6	6.36	99	1960127	139.50	ng	0.00
23) Nitrobenzene-d5	7.29	82	1249487	88.46	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	572734	117.77	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2350785	84.02	ng	0.00
79) Terphenyl-d14	12.84	244	2791252	74.71	ng	0.00

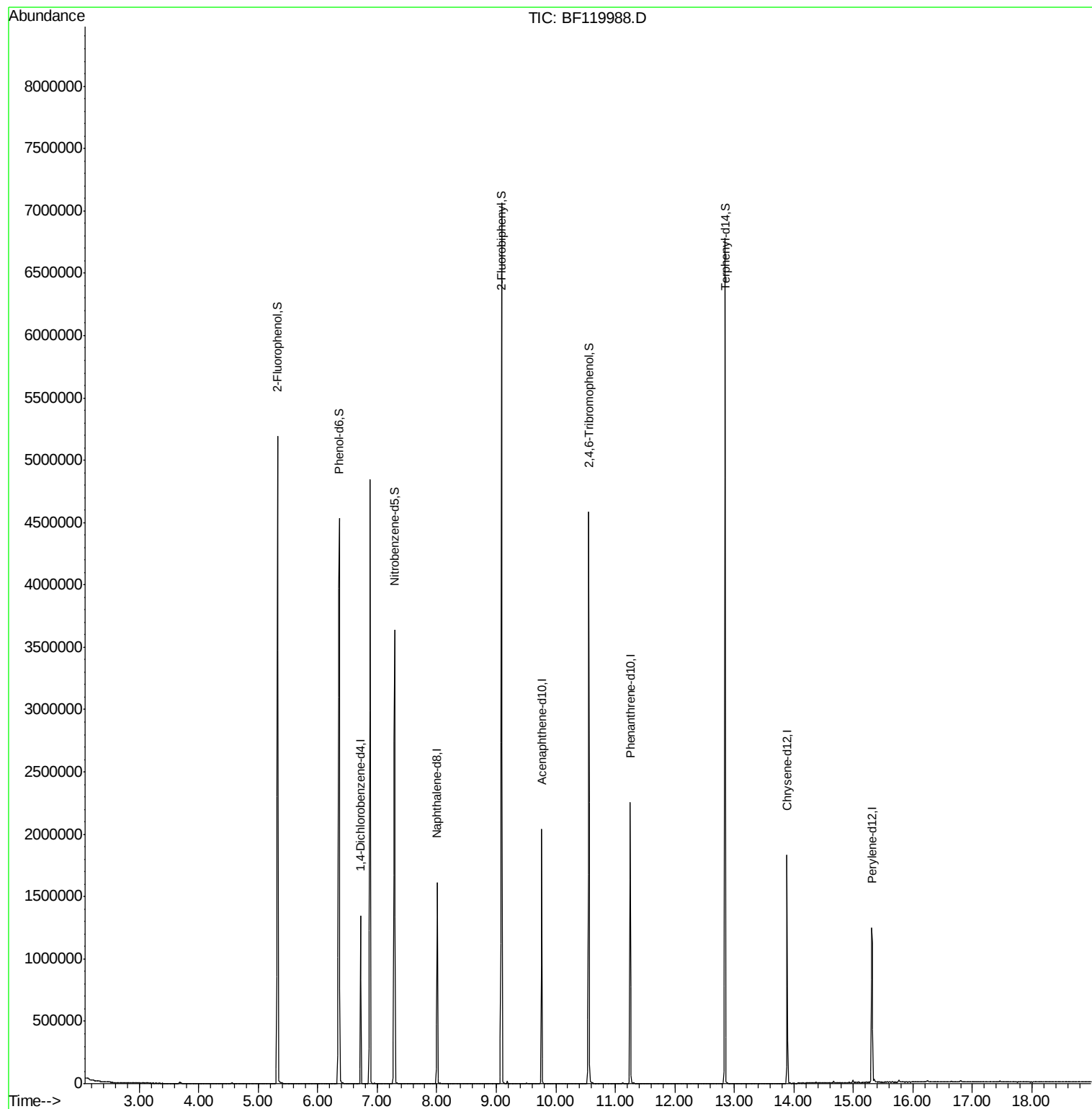
Target Compounds Qvalue

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

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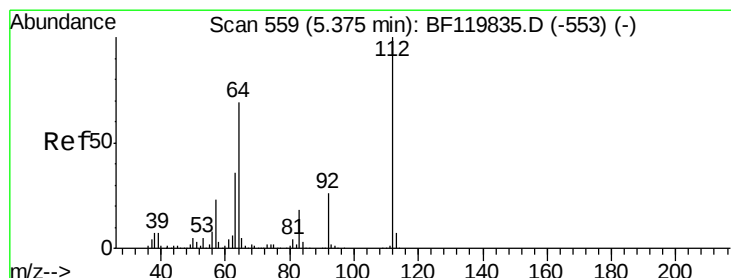
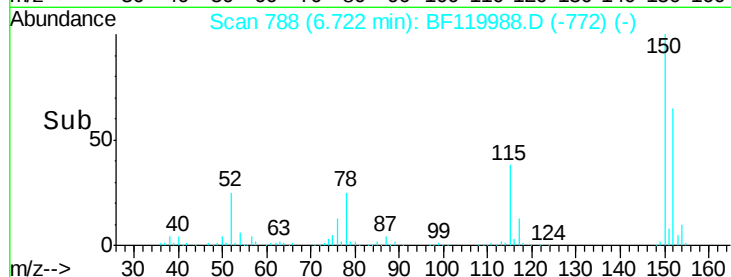
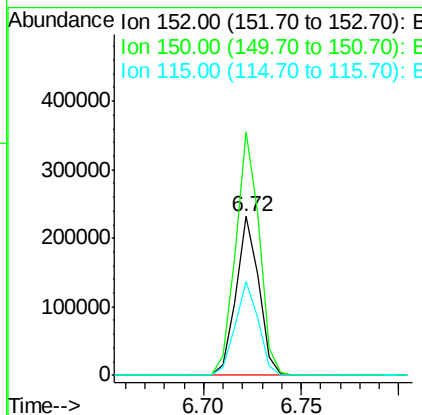
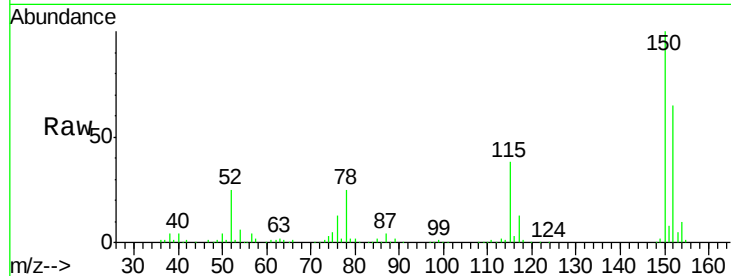


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF119988.D
 Acq: 15 Apr 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB128203BL

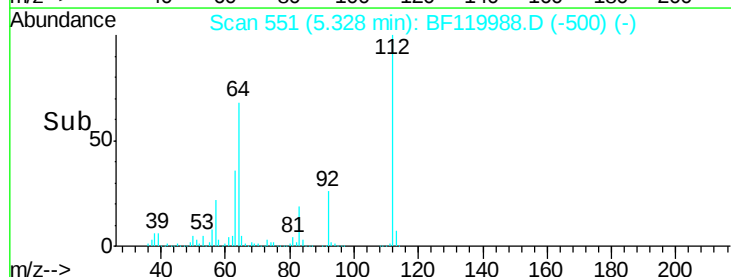
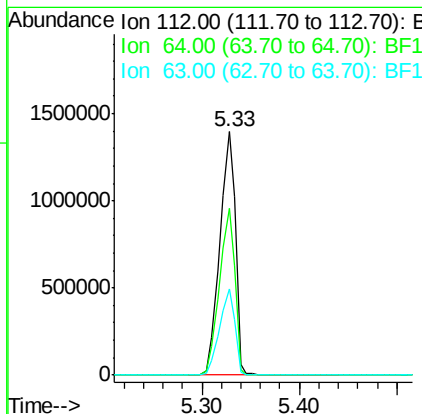
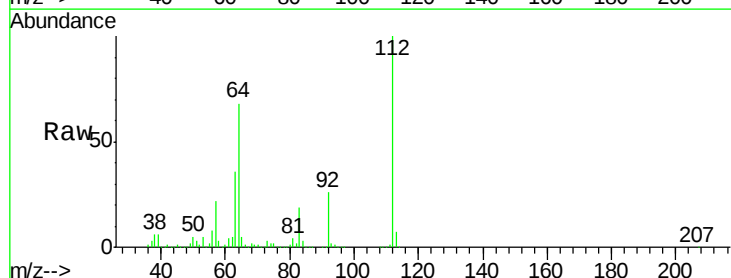
Tot Ion:152 Resp: 188452
 Ion Ratio Lower Upper
 152 100
 150 153.0 124.8 187.2
 115 58.8 46.5 69.7



#5

2-Fluorophenol
 Concen: 142.468 ng
 RT: 5.33 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF119988.D
 Acq: 15 Apr 2020 12:45

Tgt Ion:112 Resp: 1553560
 Ion Ratio Lower Upper
 112 100
 64 68.4 55.5 83.3
 63 35.6 29.1 43.7





#7

Phenol-d6

Concen: 139.499 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF119988.D

Acq: 15 Apr 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB128203BL

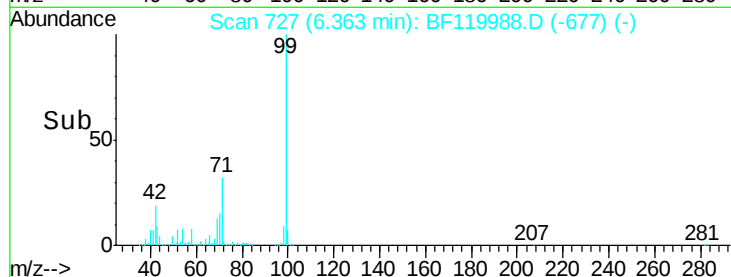
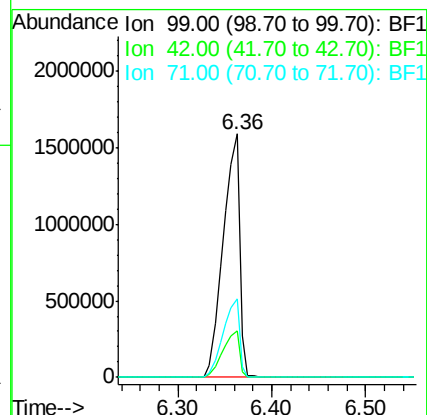
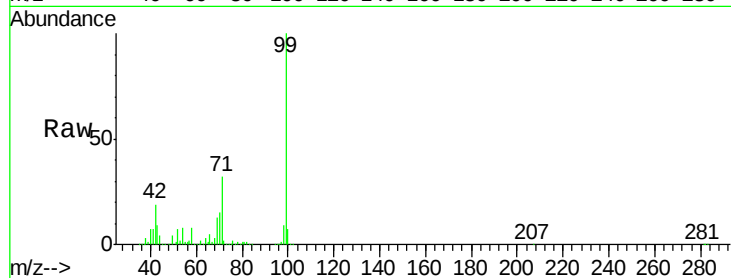
Tot Ion: 99 Resp: 1960127

Ion Ratio Lower Upper

99 100

42 19.2 16.9 25.3

71 32.3 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF119988.D

Acq: 15 Apr 2020 12:45

Tgt Ion: 136 Resp: 730760

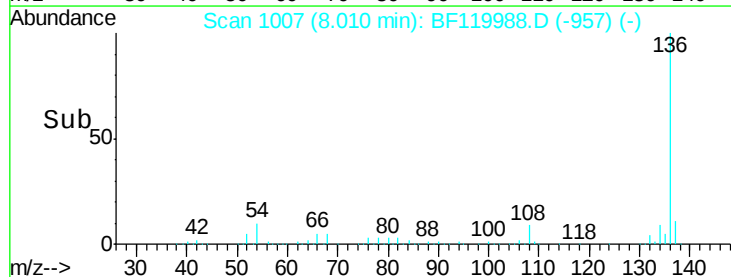
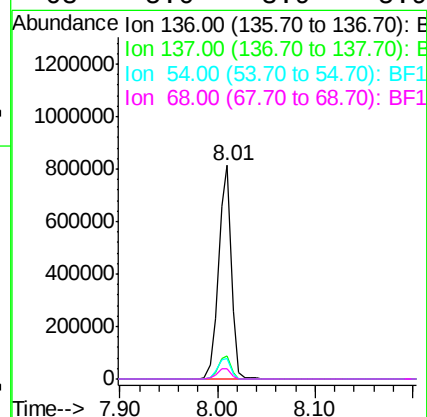
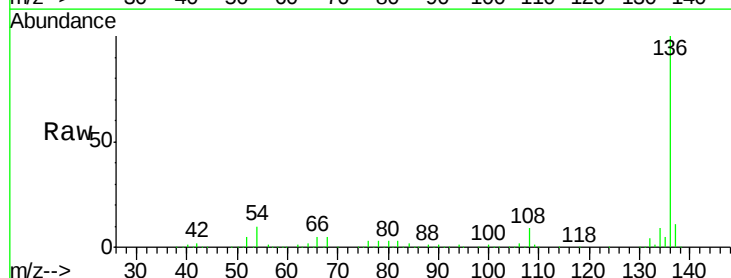
Ion Ratio Lower Upper

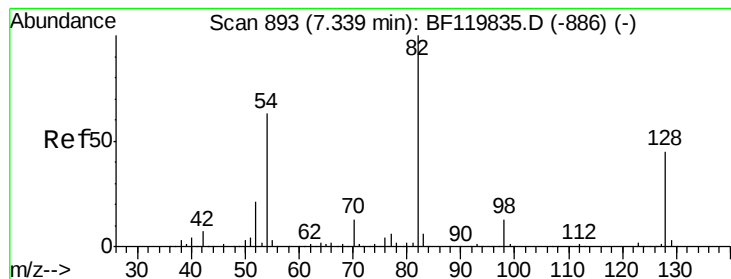
136 100

137 11.0 8.7 13.1

54 9.8 8.5 12.7

68 5.0 3.9 5.9





#23

Nitrobenzene-d5

Concen: 88.456 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF119988.D

Acq: 15 Apr 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB128203BL

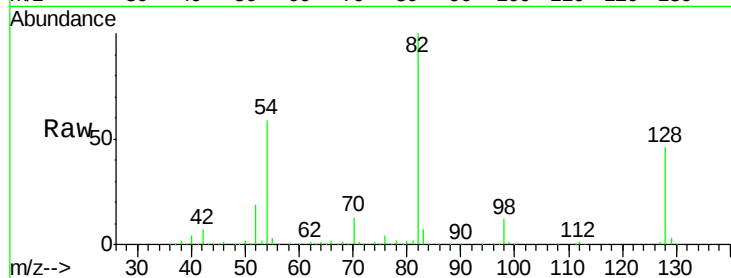
Tot Ion: 82 Resp: 1249487

Ion Ratio Lower Upper

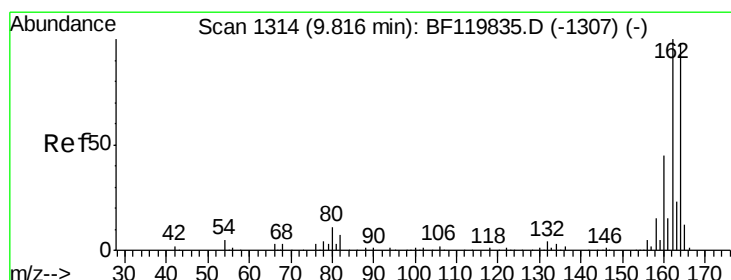
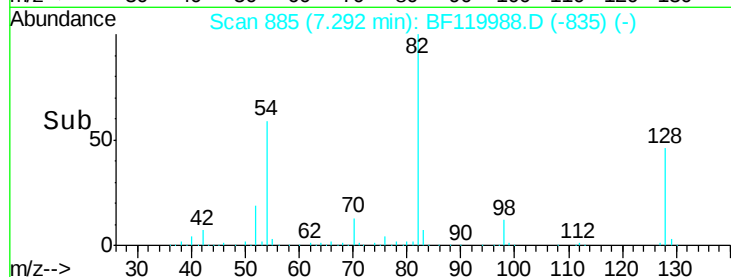
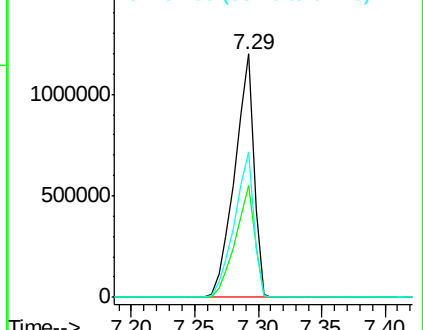
82 100

128 45.9 36.2 54.4

54 59.3 50.4 75.6



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF119988.D

Acq: 15 Apr 2020 12:45

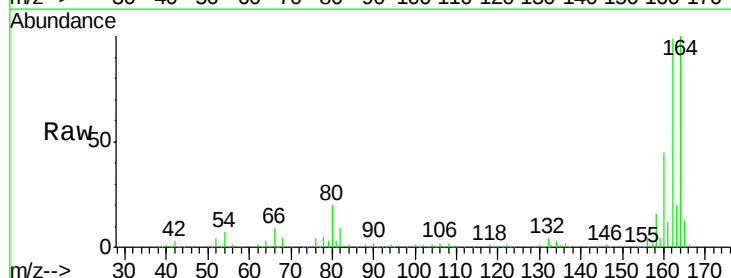
Tgt Ion:164 Resp: 397222

Ion Ratio Lower Upper

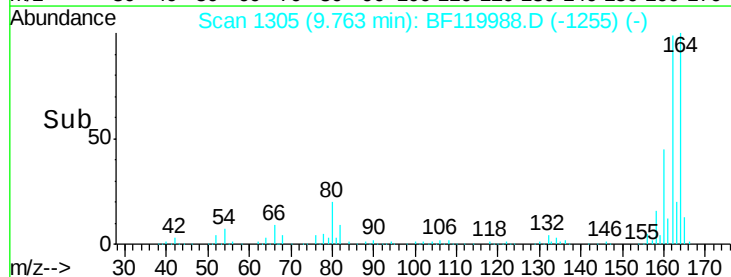
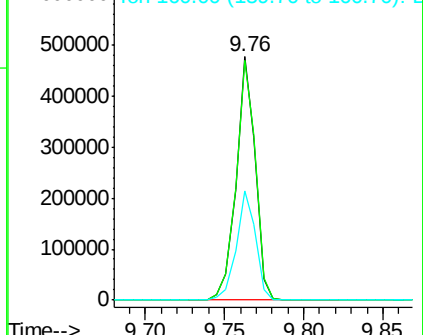
164 100

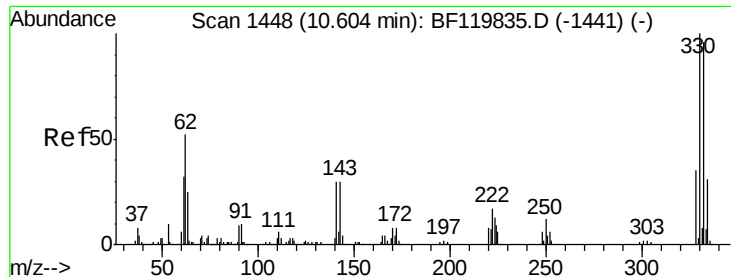
162 98.6 81.9 122.9

160 44.8 36.6 54.8



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

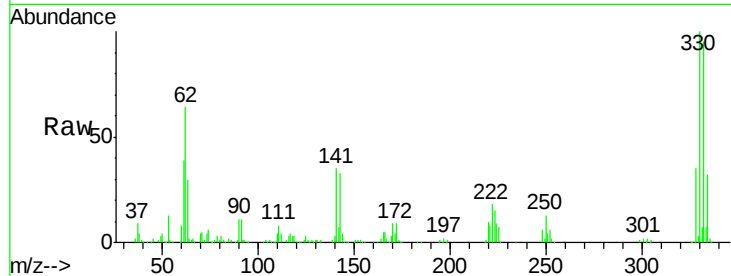




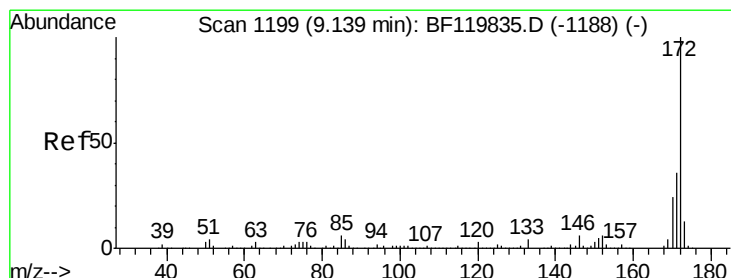
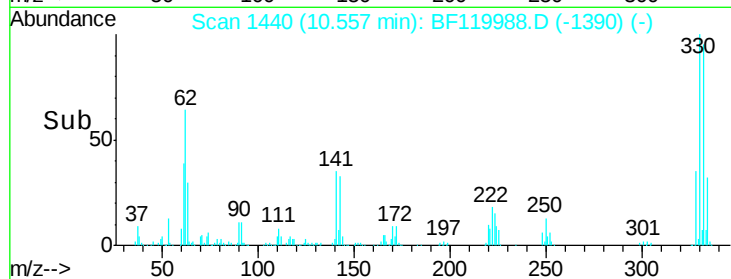
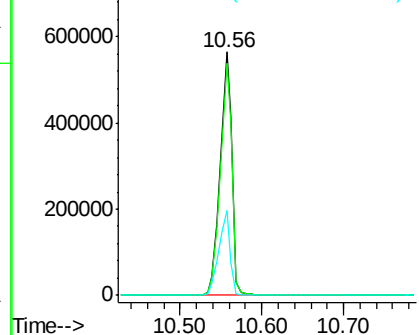
#42
 2,4,6-Tribromophenol
 Concen: 117.765 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF119988.D
 Acq: 15 Apr 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB128203BL

Tot Ion:330 Resp: 572734
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.8 115.2
 141 33.1 25.1 37.7

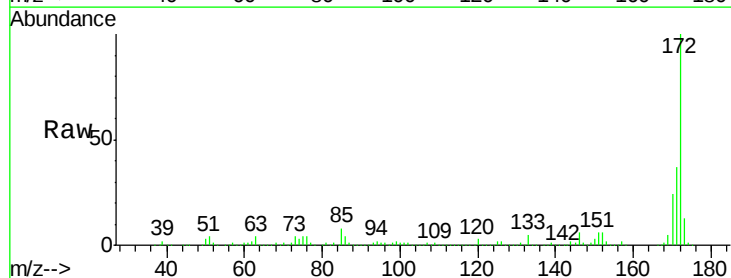


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

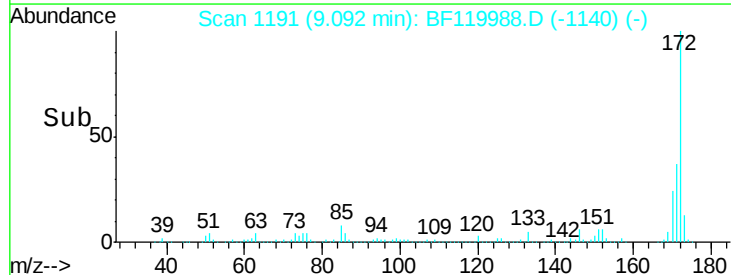
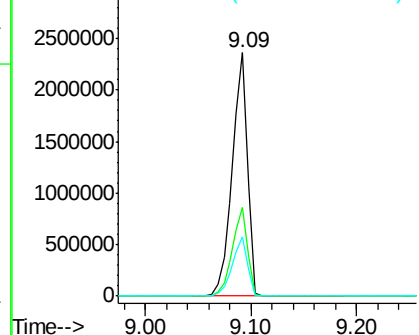


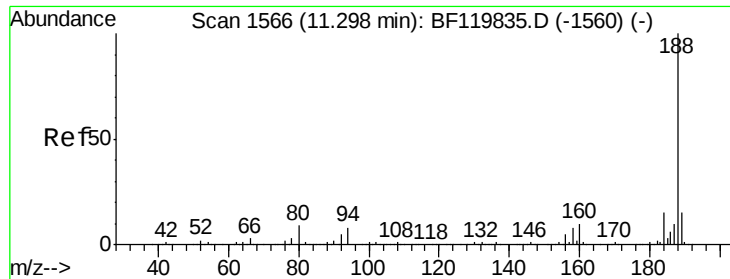
#45
 2-Fluorobiphenyl
 Concen: 84.024 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF119988.D
 Acq: 15 Apr 2020 12:45

Tgt Ion:172 Resp: 2350785
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 24.2 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: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF119988.D

Acq: 15 Apr 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB128203BL

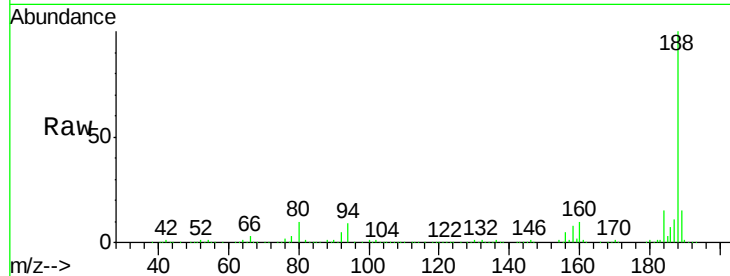
Tot Ion:188 Resp: 781861

Ion Ratio Lower Upper

188 100

94 8.8 6.7 10.1

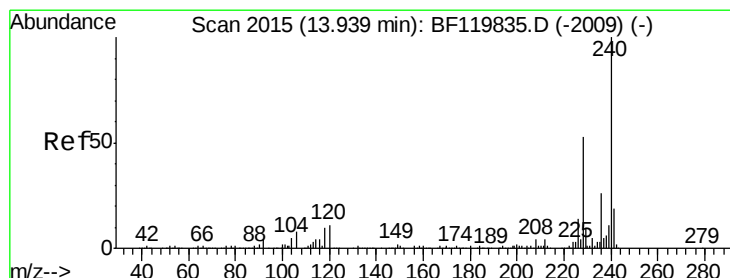
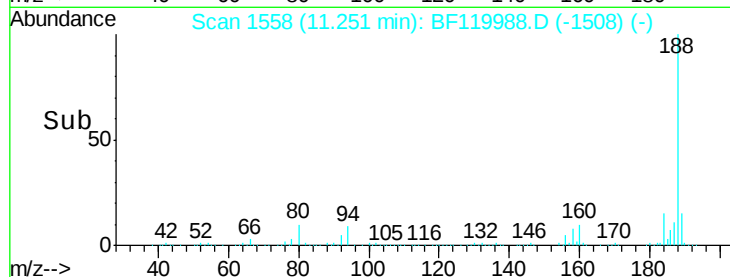
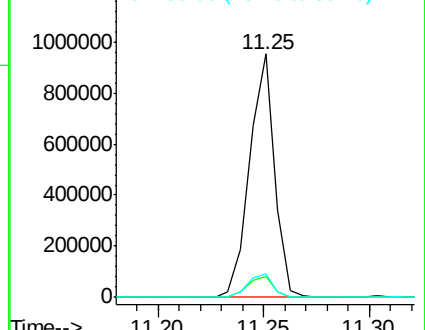
80 9.6 7.4 11.2



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: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF119988.D

Acq: 15 Apr 2020 12:45

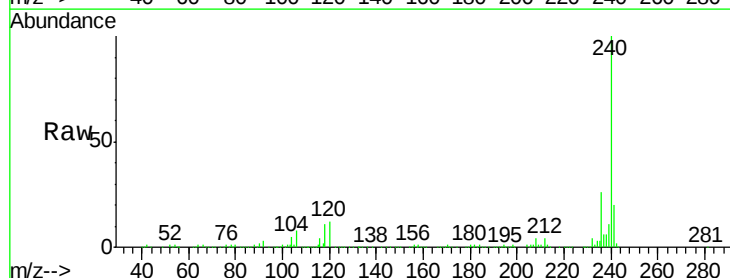
Tgt Ion:240 Resp: 628641

Ion Ratio Lower Upper

240 100

120 12.3 9.0 13.6

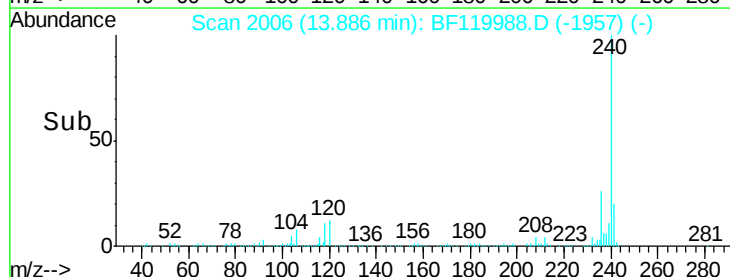
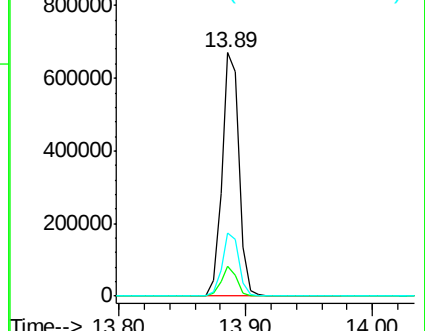
236 25.9 20.7 31.1

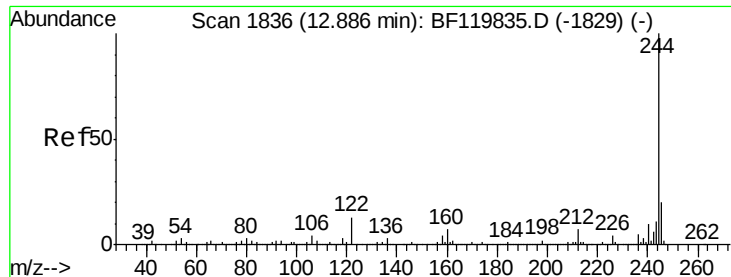


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.712 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF119988.D

Acq: 15 Apr 2020 12:45

Instrument :

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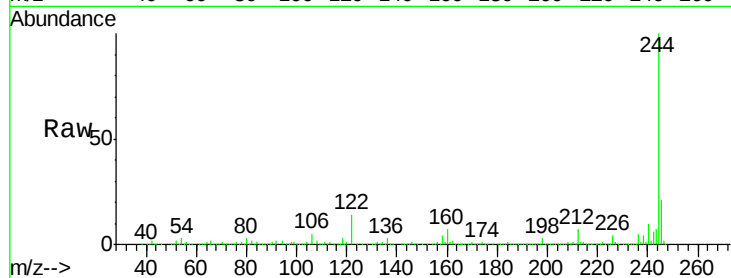
Tot Ion:244 Resp: 2791252

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

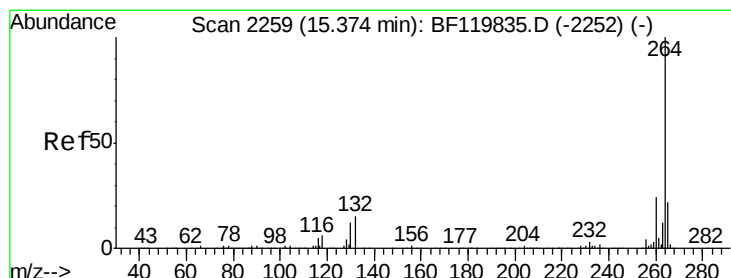
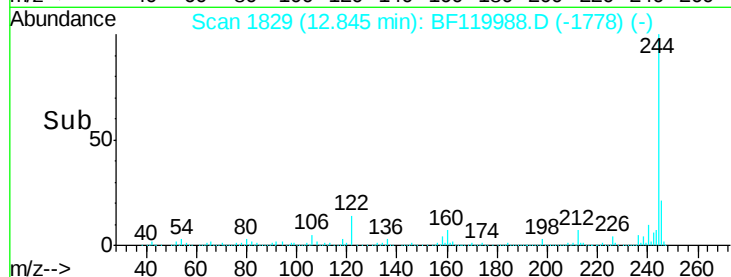
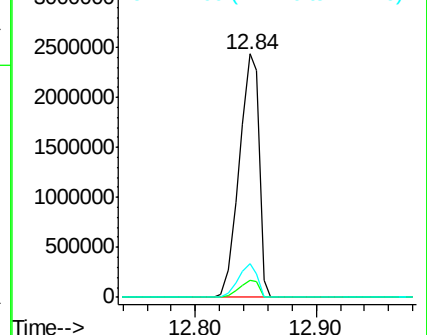
122 14.0 10.3 15.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BF119988.D

Acq: 15 Apr 2020 12:45

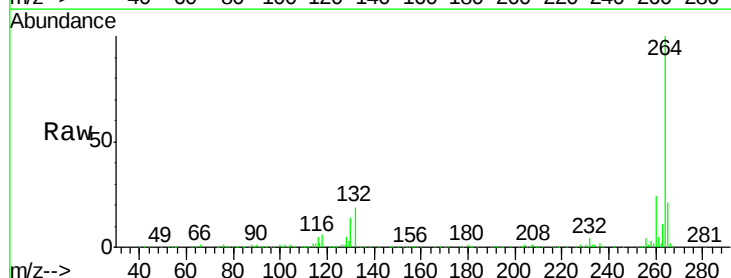
Tgt Ion:264 Resp: 558595

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 21.2 17.6 26.4



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

