

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118644.D
 Acq On : 21 Jan 2020 20:41
 Operator : CG/JU
 Sample : L1004-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720

Quant Time: Jan 22 04:44:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

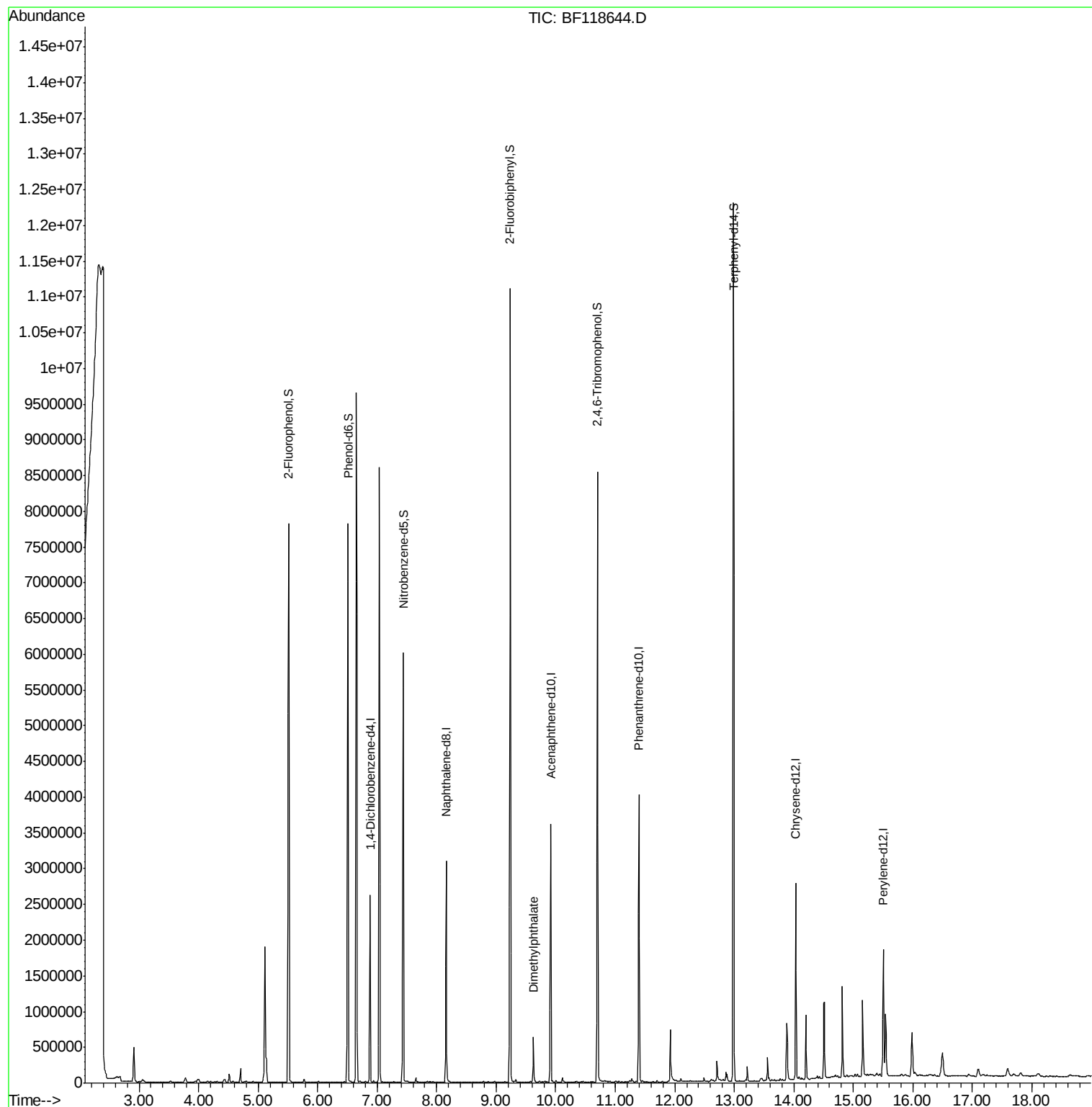
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	374178	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1348890	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	749224	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1336633	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	847496	20.00	ng	-0.01
87) Perylene-d12	15.50	264	889255	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	2492747	123.73	ng	0.01
7) Phenol-d6	6.51	99	3011938	115.02	ng	0.00
23) Nitrobenzene-d5	7.44	82	2175141	90.20	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	1208260	139.43	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	3823523	83.88	ng	-0.01
79) Terphenyl-d14	12.99	244	4392284	113.04	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	231541	4.743	ng	Qvalue 97

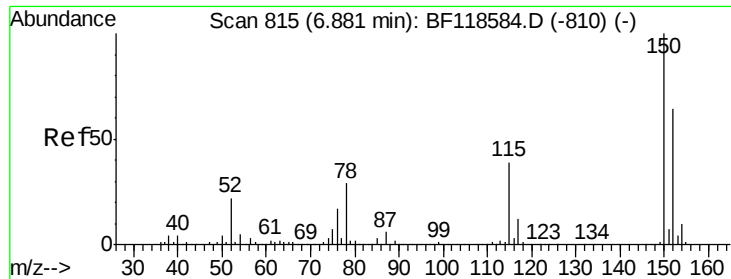
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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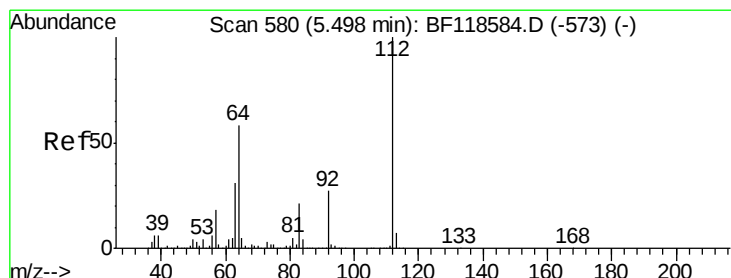
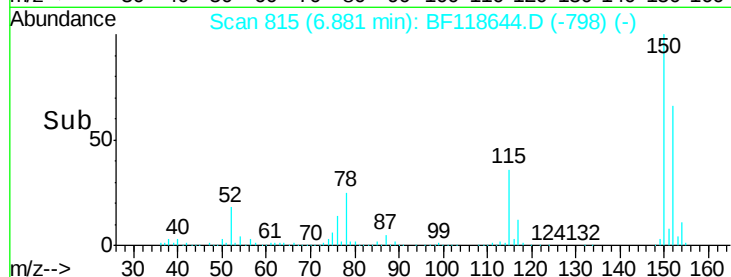
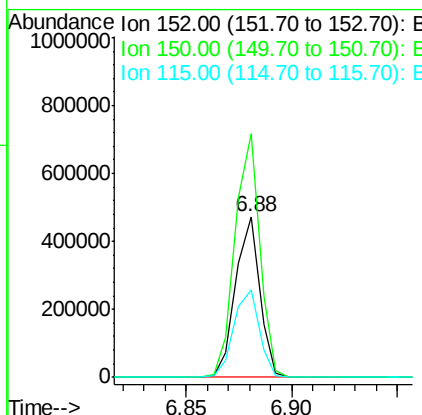
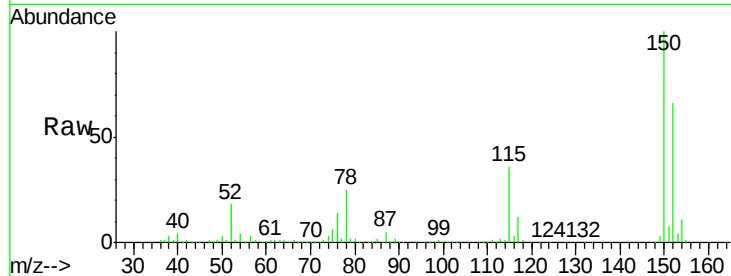


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118644.D
Acq: 21 Jan 2020 20:41

Instrument :
BNA_F
ClientSampleId :
BU-02-101720

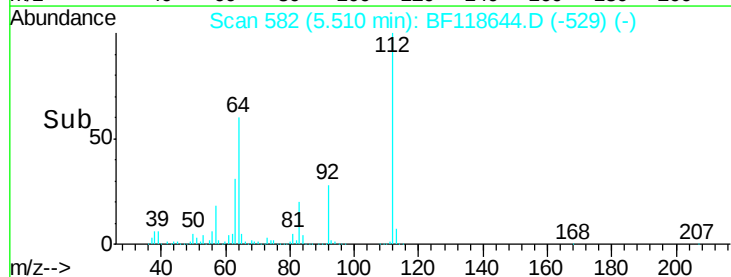
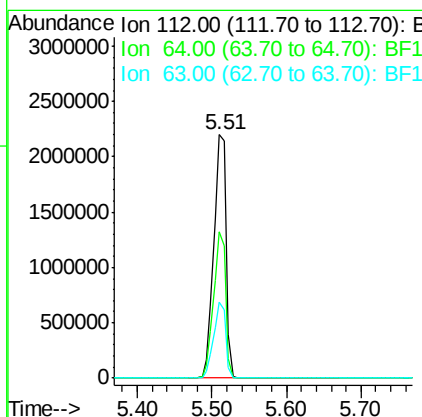
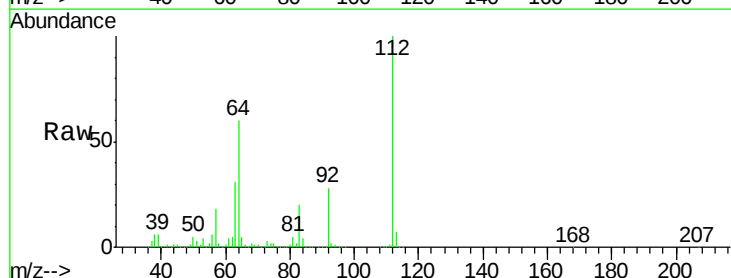
Tot Ion:152 Resp: 374178
Ion Ratio Lower Upper
152 100
150 151.4 125.6 188.4
115 54.7 48.4 72.6

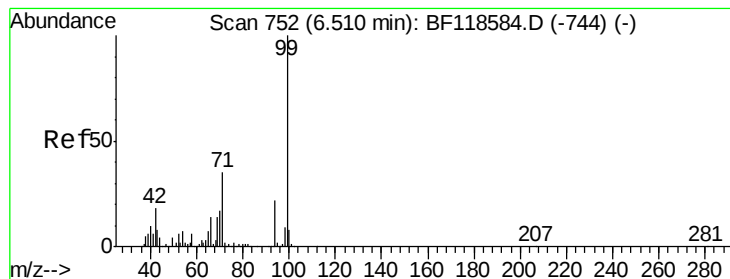


#5

2-Fluorophenol
Concen: 123.729 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF118644.D
Acq: 21 Jan 2020 20:41

Tgt Ion:112 Resp: 2492747
Ion Ratio Lower Upper
112 100
64 60.0 46.6 70.0
63 31.3 25.1 37.7





#7

Phenol-d6

Concen: 115.022 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118644.D

Acq: 21 Jan 2020 20:41

Instrument :

BNA_F

ClientSampleId :

BU-02-101720

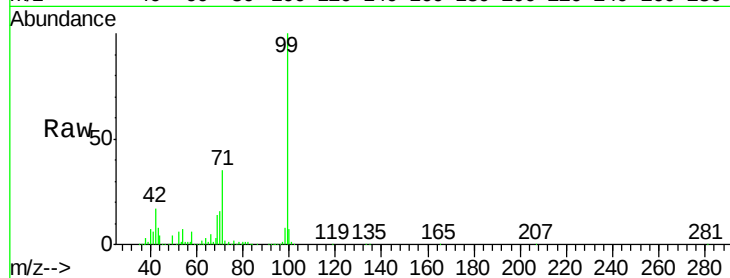
Tot Ion: 99 Resp: 3011938

Ion Ratio Lower Upper

99 100

42 17.1 14.2 21.2

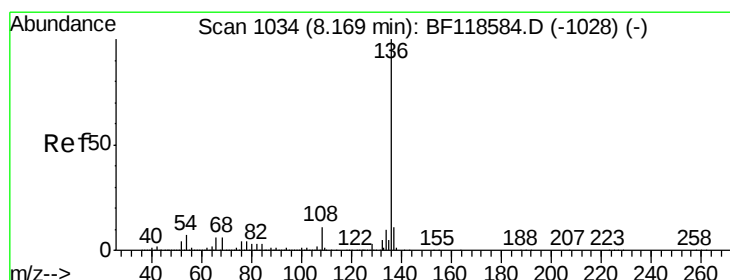
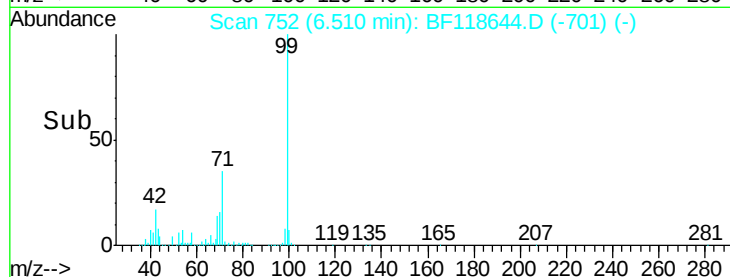
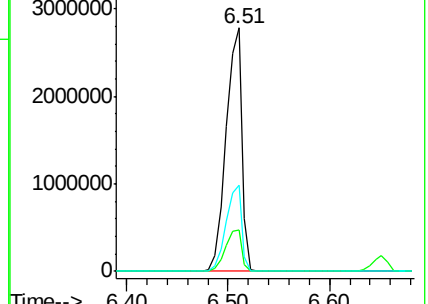
71 35.4 27.8 41.6



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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118644.D

Acq: 21 Jan 2020 20:41

Tgt Ion: 136 Resp: 1348890

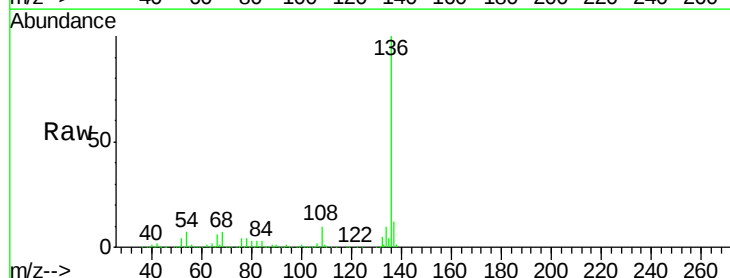
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 7.4 5.8 8.6

68 6.7 5.0 7.4

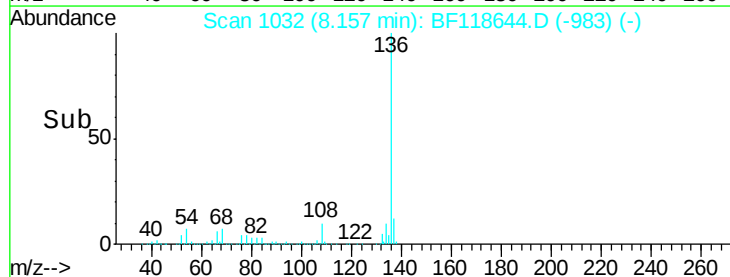
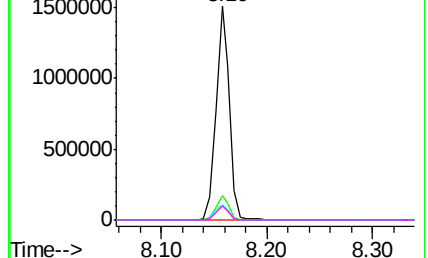


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.196 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118644.D

Acq: 21 Jan 2020 20:41

Instrument :

BNA_F

ClientSampleId :

BU-02-101720

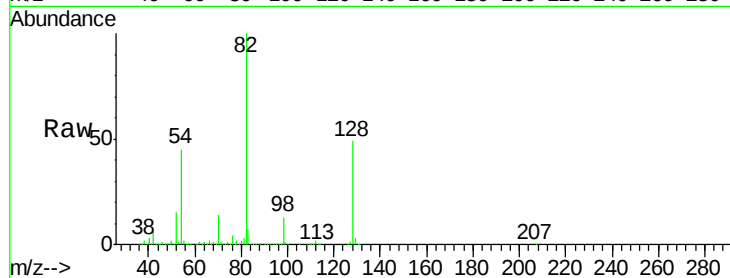
Tot Ion: 82 Resp: 2175141

Ion Ratio Lower Upper

82 100

128 49.1 36.6 54.8

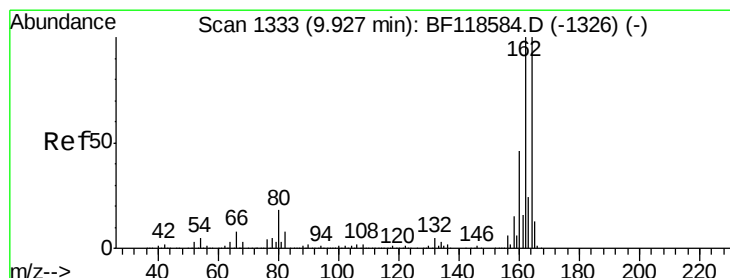
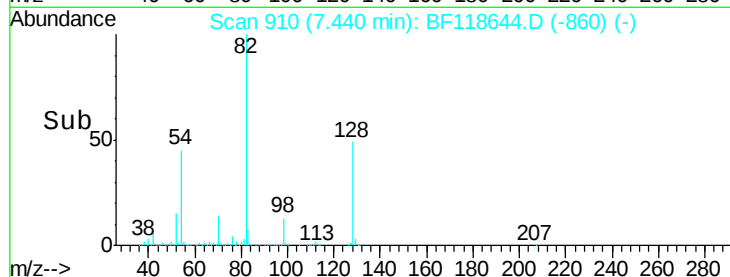
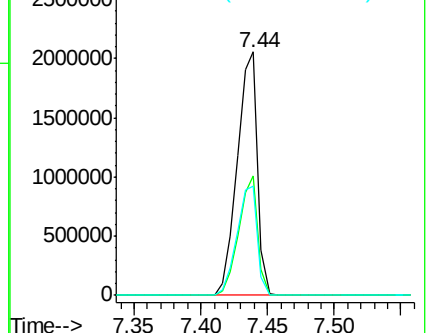
54 44.8 38.0 57.0



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118644.D

Acq: 21 Jan 2020 20:41

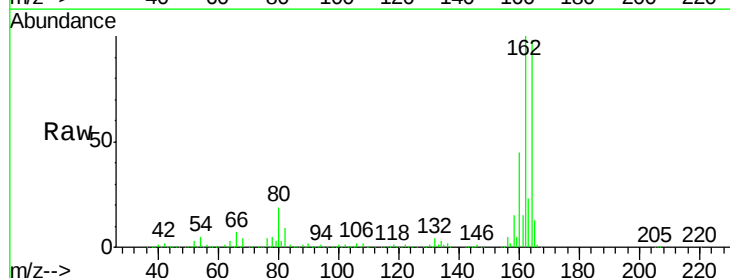
Tgt Ion:164 Resp: 749224

Ion Ratio Lower Upper

164 100

162 102.2 80.4 120.6

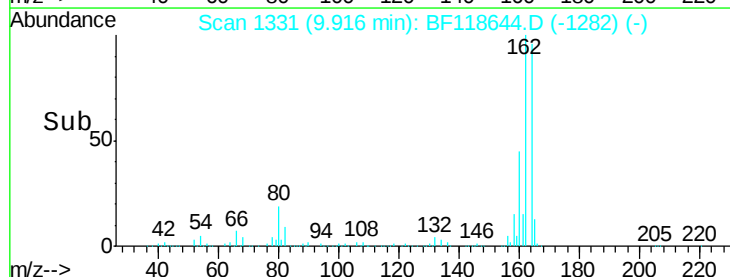
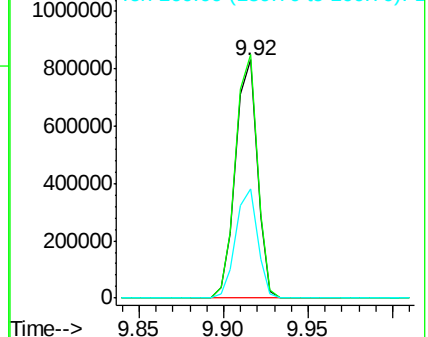
160 45.9 36.6 55.0

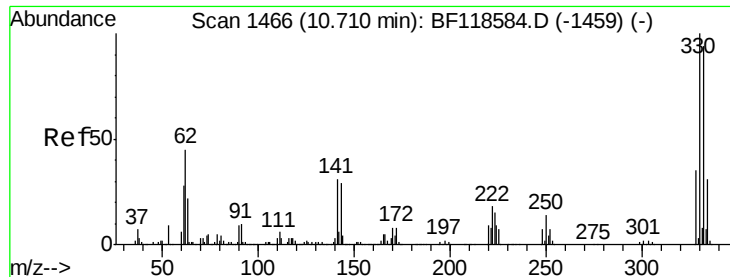


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 139.430 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118644.D

Acq: 21 Jan 2020 20:41

Instrument :

BNA_F

ClientSampleId :

BU-02-101720

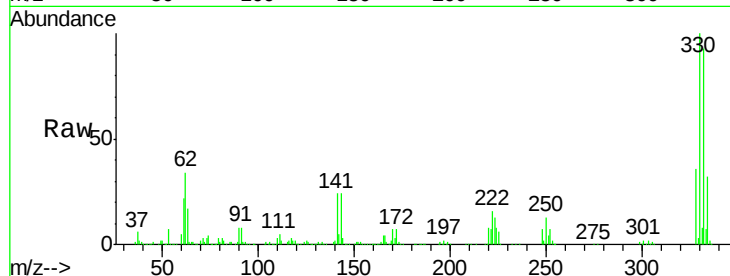
Tot Ion:330 Resp: 1208260

Ion Ratio Lower Upper

330 100

332 94.6 76.2 114.4

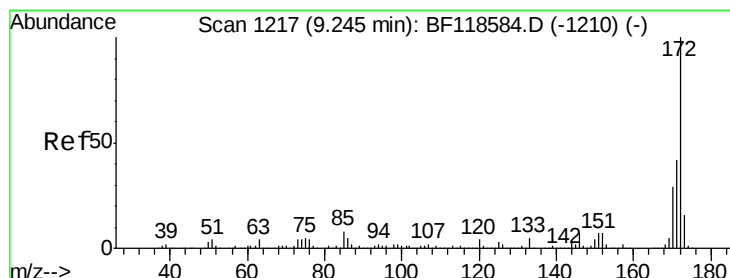
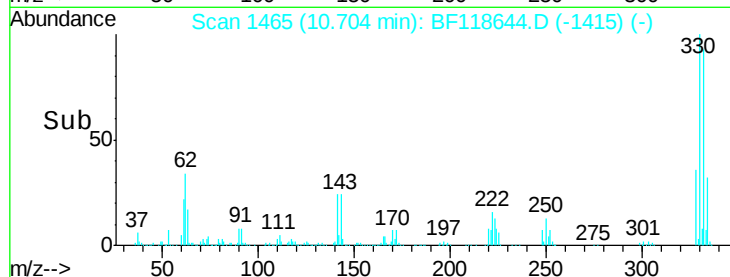
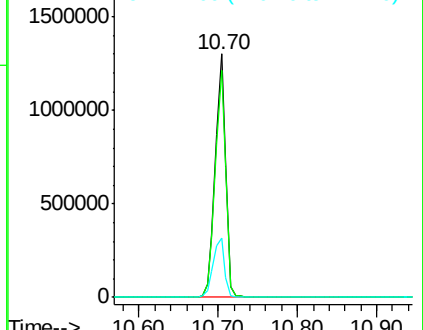
141 26.3 23.9 35.9



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: 83.879 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF118644.D

Acq: 21 Jan 2020 20:41

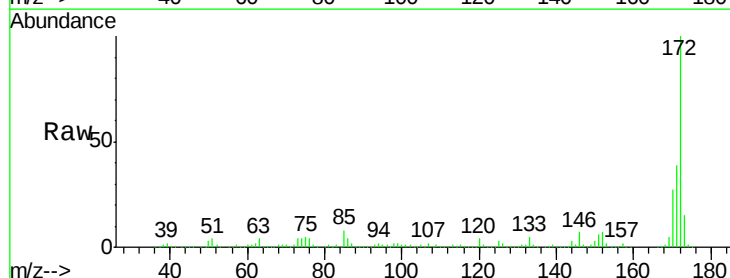
Tgt Ion:172 Resp: 3823523

Ion Ratio Lower Upper

172 100

171 39.3 33.4 50.2

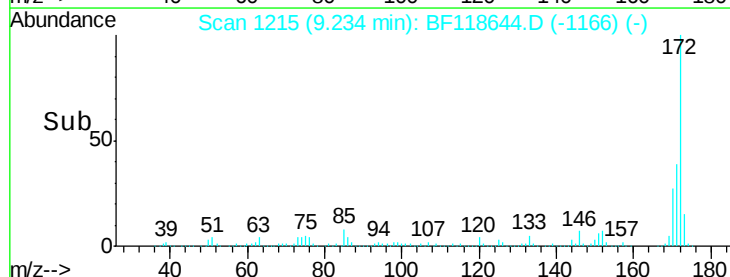
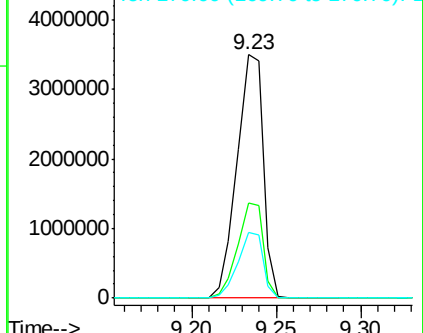
170 27.1 23.2 34.8

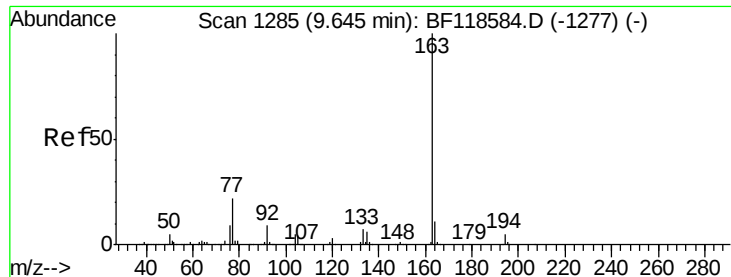


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.743 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF118644.D

Acq: 21 Jan 2020 20:41

Instrument :

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BU-02-101720

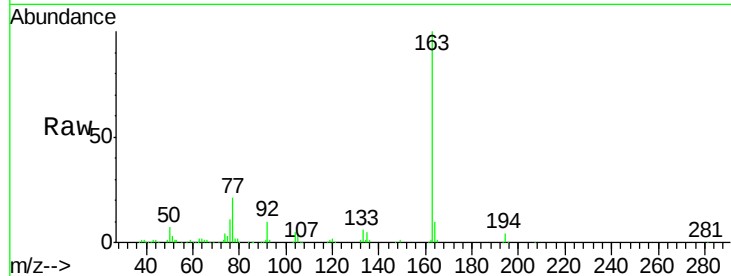
Tot Ion:163 Resp: 231541

Ion Ratio Lower Upper

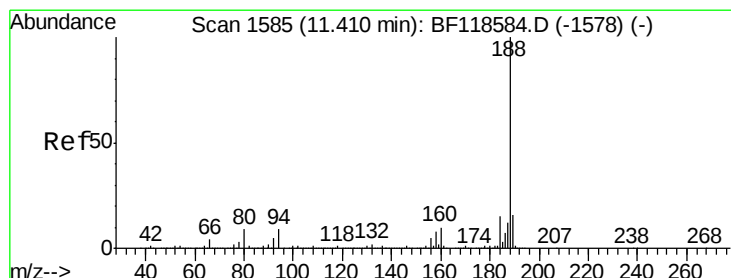
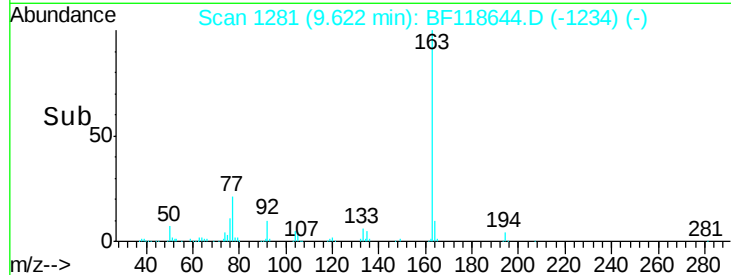
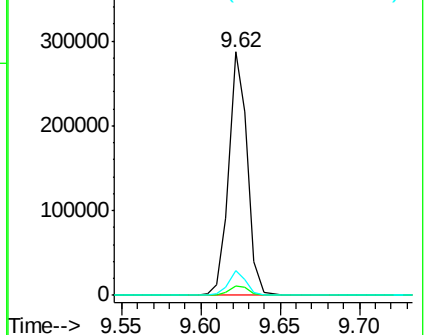
163 100

194 3.9 3.9 5.9

164 10.1 9.1 13.7



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: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF118644.D

Acq: 21 Jan 2020 20:41

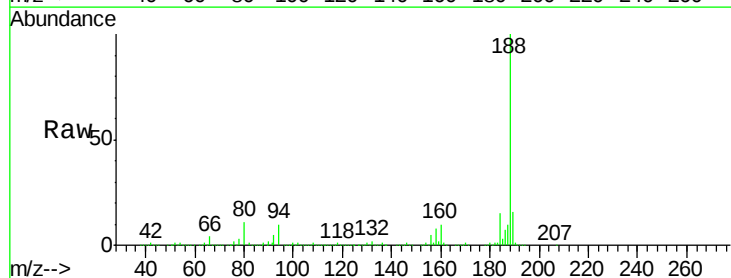
Tgt Ion:188 Resp: 1336633

Ion Ratio Lower Upper

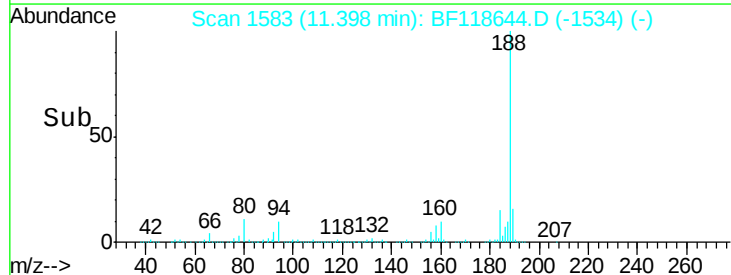
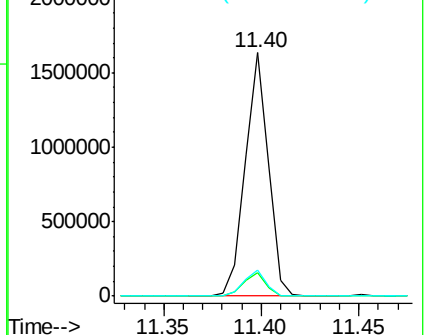
188 100

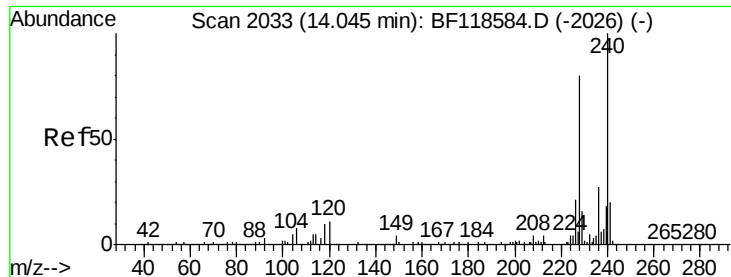
94 9.5 7.1 10.7

80 10.5 7.5 11.3



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

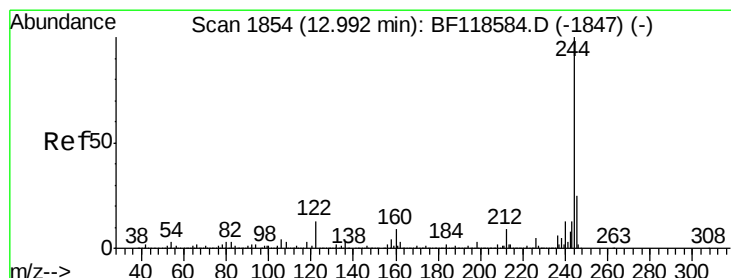
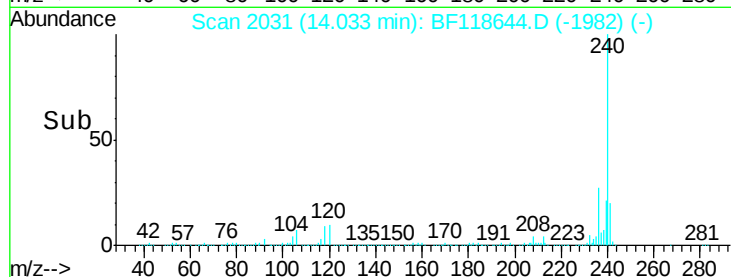
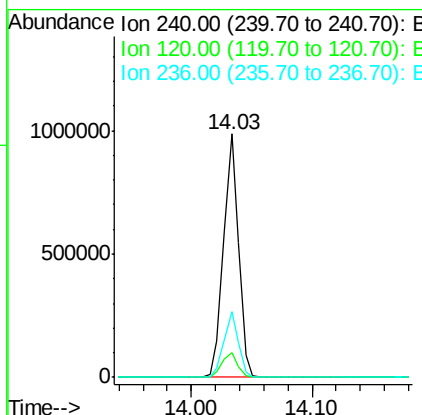
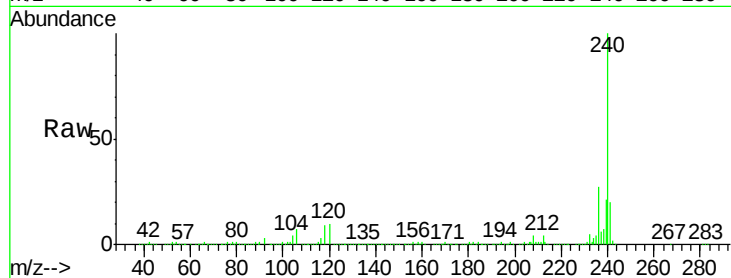




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118644.D
 Acq: 21 Jan 2020 20:41

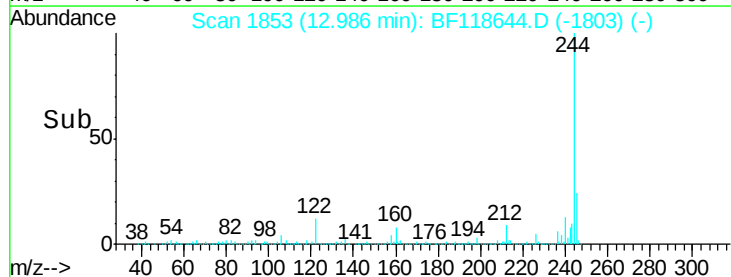
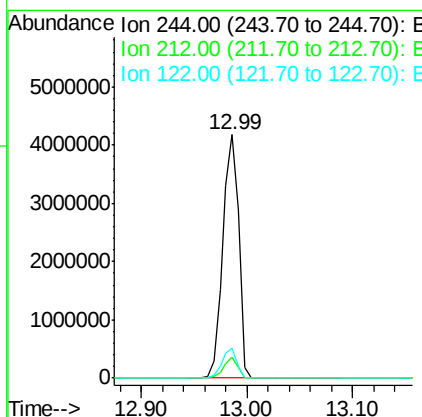
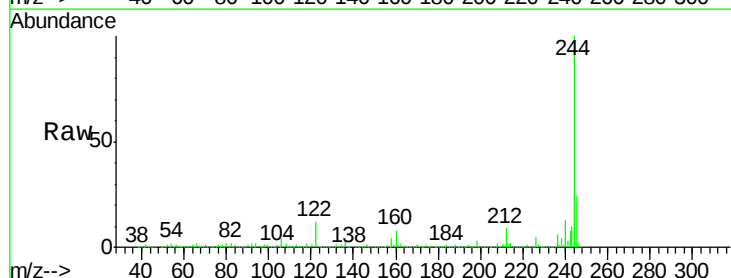
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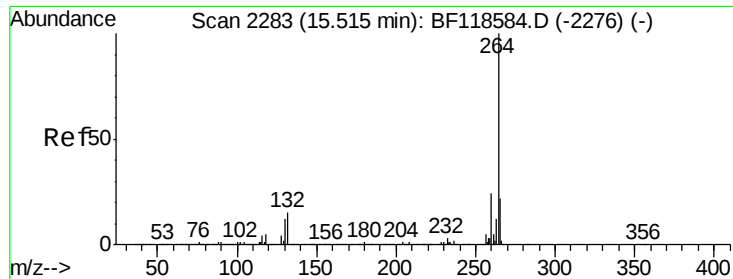
Tot Ion:240 Resp: 847496
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.9 13.3
 236 26.8 21.5 32.3



#79
 Terphenyl-d14
 Concen: 113.039 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF118644.D
 Acq: 21 Jan 2020 20:41

Tgt Ion:244 Resp: 4392284
 Ion Ratio Lower Upper
 244 100
 212 8.5 7.0 10.4
 122 12.3 10.7 16.1





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BF118644.D
 Acq: 21 Jan 2020 20:41

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.8	17.7	26.5

