

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118651.D
 Acq On : 22 Jan 2020 00:04
 Operator : CG/JU
 Sample : L1004-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-012020

Quant Time: Jan 22 05:07:18 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

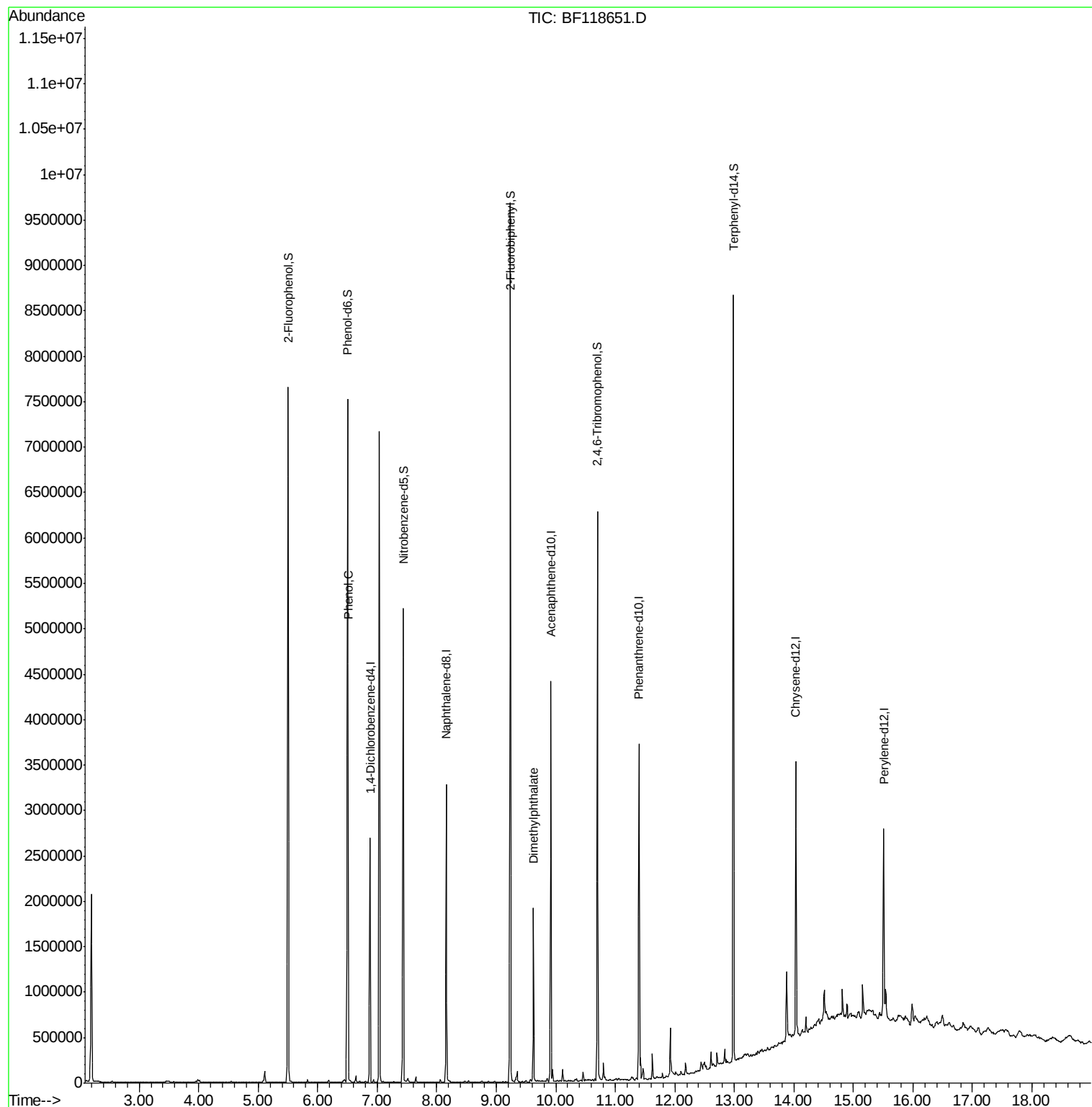
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	431368	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1554609	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	826643	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1323324	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	969126	20.00	ng	-0.01
87) Perylene-d12	15.51	264	1071577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2307663	99.36	ng	0.00
7) Phenol-d6	6.50	99	2958241	97.99	ng	0.00
23) Nitrobenzene-d5	7.44	82	1886917	67.89	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	860986	90.05	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3322348	66.06	ng	0.00
79) Terphenyl-d14	12.99	244	3107526	69.94	ng	0.00
Target Compounds						
10) Phenol	6.52	94	97634	2.838	ng	95
50) Dimethylphthalate	9.63	163	774116	14.374	ng	97

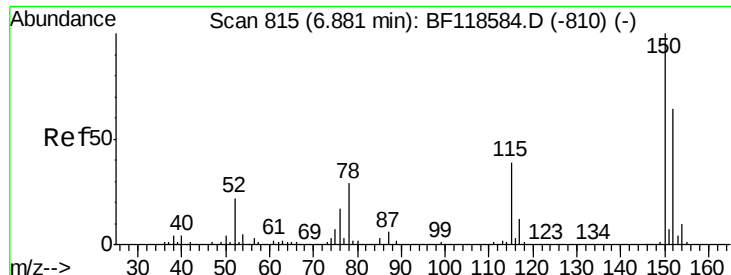
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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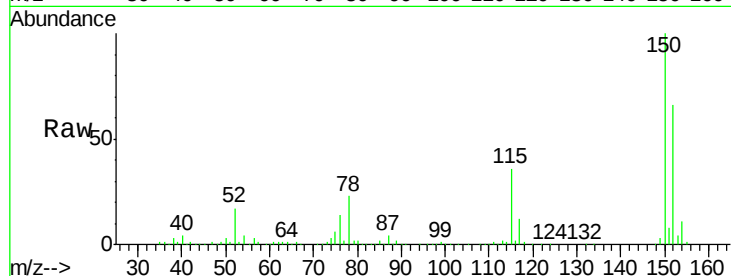


#1

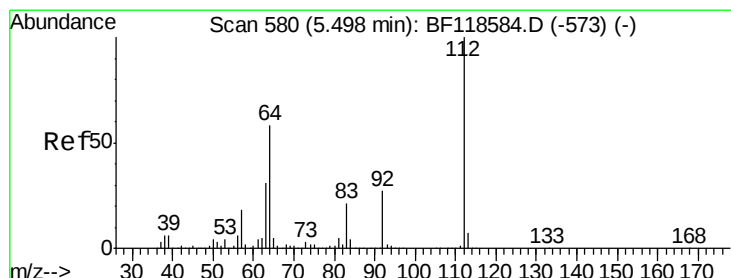
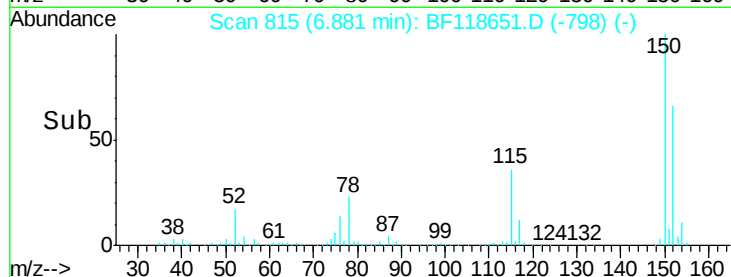
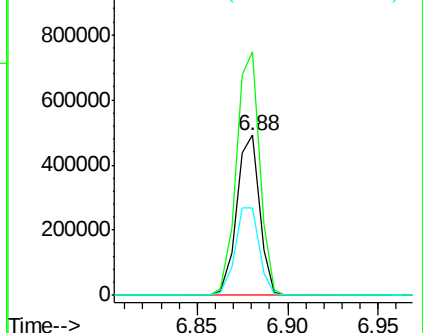
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118651.D
Acq: 22 Jan 2020 00:04

Instrument :
BNA_F
ClientSampleId :
BU-03-012020

Tot Ion:152 Resp: 431368
Ion Ratio Lower Upper
152 100
150 152.1 125.6 188.4
115 54.8 48.4 72.6



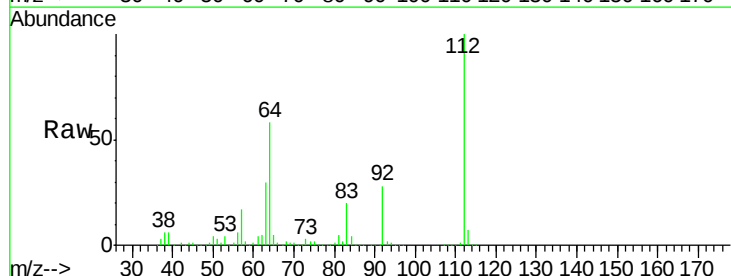
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



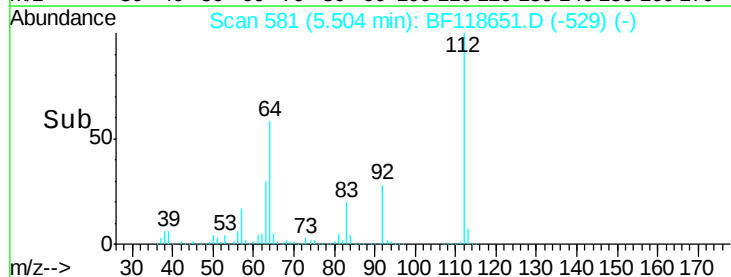
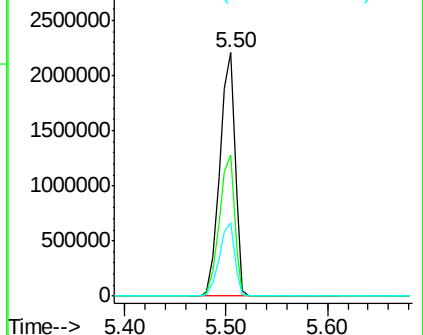
#5

2-Fluorophenol
Concen: 99.356 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF118651.D
Acq: 22 Jan 2020 00:04

Tgt Ion:112 Resp: 2307663
Ion Ratio Lower Upper
112 100
64 57.8 46.6 70.0
63 30.3 25.1 37.7



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: 97.994 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118651.D

Acq: 22 Jan 2020 00:04

Instrument :

BNA_F

ClientSampleId :

BU-03-012020

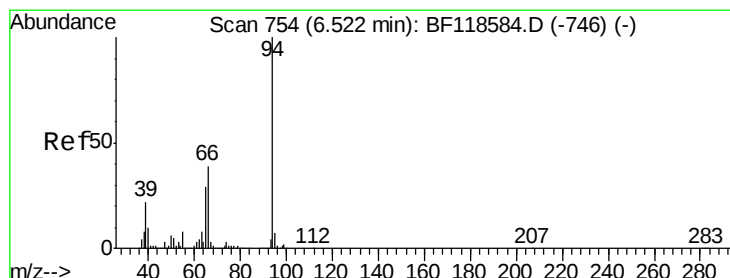
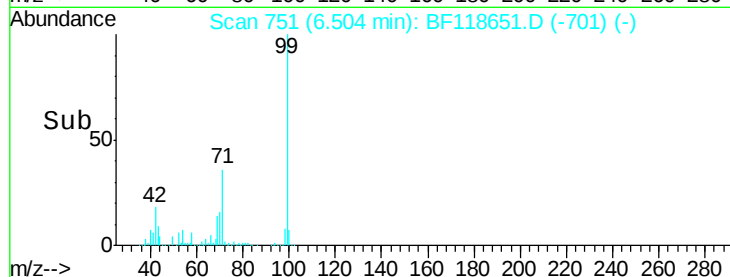
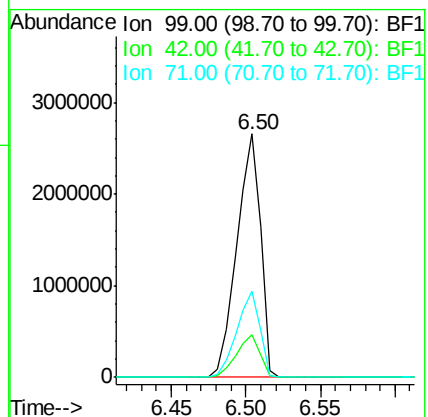
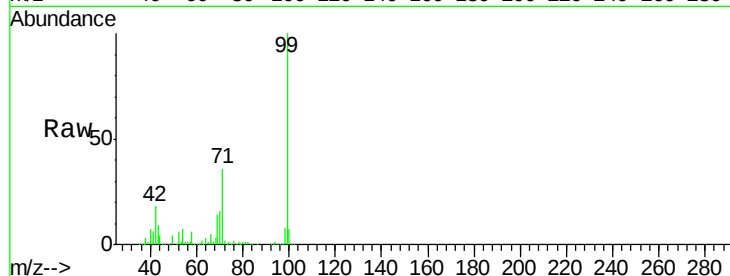
Tot Ion: 99 Resp: 2958241

Ion Ratio Lower Upper

99 100

42 17.6 14.2 21.2

71 35.6 27.8 41.6



#10

Phenol

Concen: 2.838 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118651.D

Acq: 22 Jan 2020 00:04

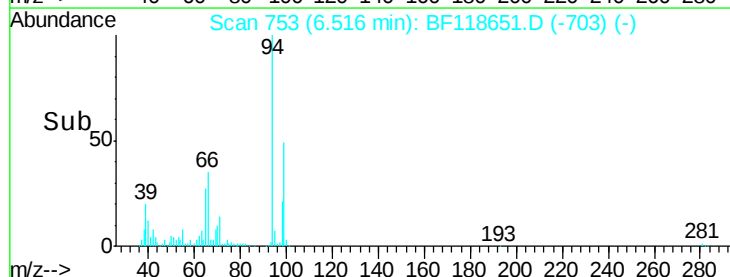
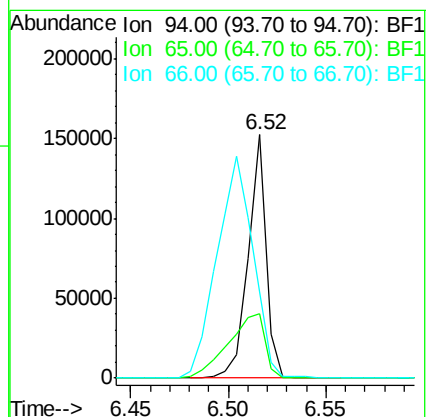
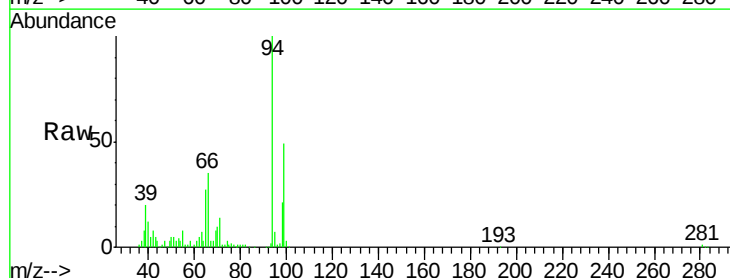
Tgt Ion: 94 Resp: 97634

Ion Ratio Lower Upper

94 100

65 26.7 9.5 49.5

66 35.4 18.5 58.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118651.D

Acq: 22 Jan 2020 00:04

Instrument :

BNA_F

ClientSampleId :

BU-03-012020

Tot Ion:136 Resp: 1554609

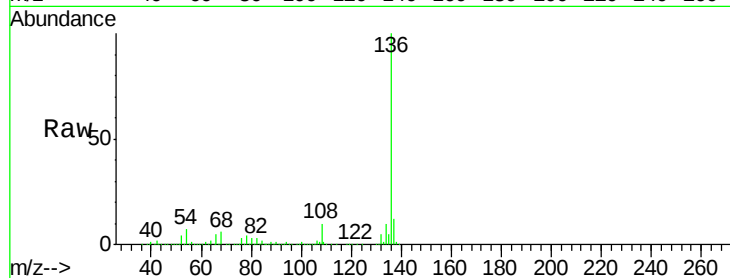
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 6.8 5.8 8.6

68 6.1 5.0 7.4

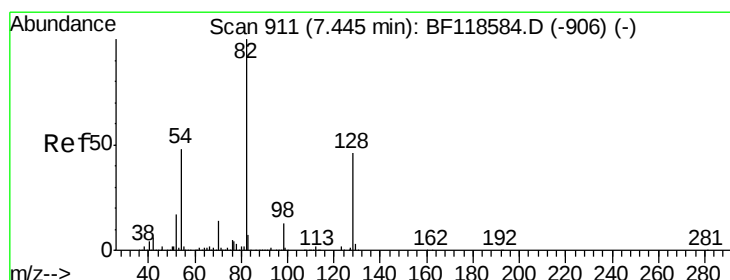
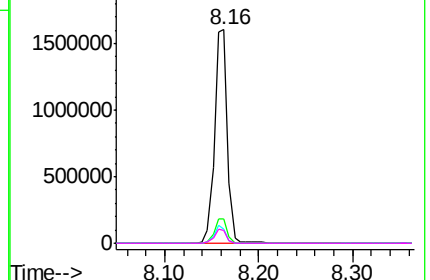
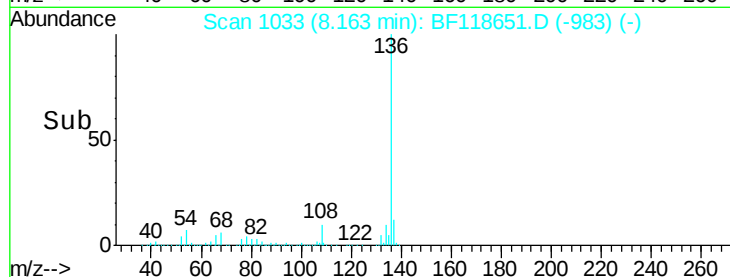


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.890 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118651.D

Acq: 22 Jan 2020 00:04

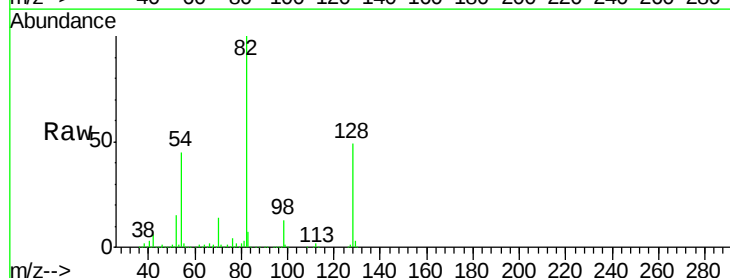
Tgt Ion: 82 Resp: 1886917

Ion Ratio Lower Upper

82 100

128 49.0 36.6 54.8

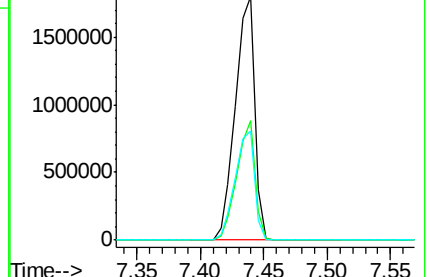
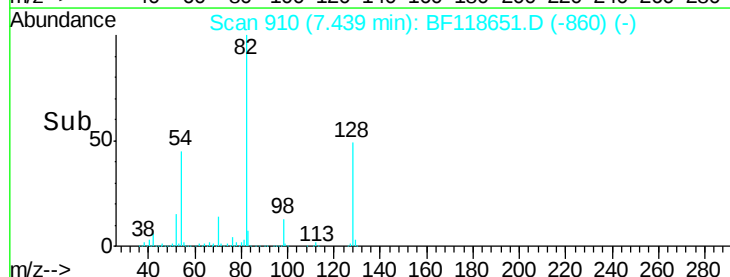
54 45.1 38.0 57.0

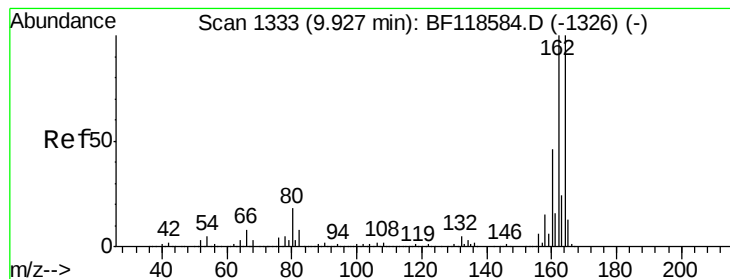


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118651.D

Acq: 22 Jan 2020 00:04

Instrument :

BNA_F

ClientSampleId :

BU-03-012020

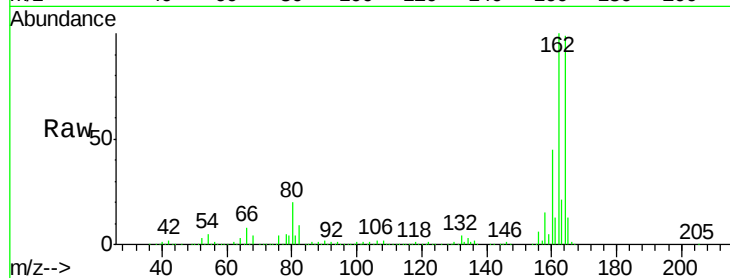
Tot Ion:164 Resp: 826643

Ion Ratio Lower Upper

164 100

162 101.1 80.4 120.6

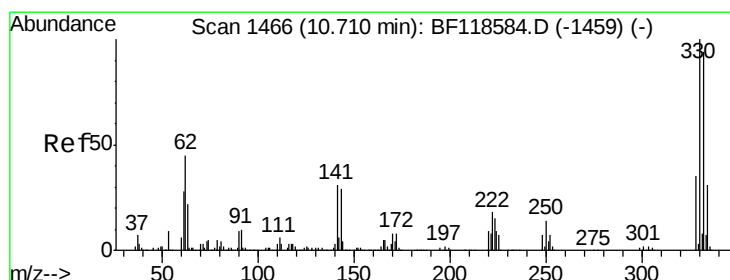
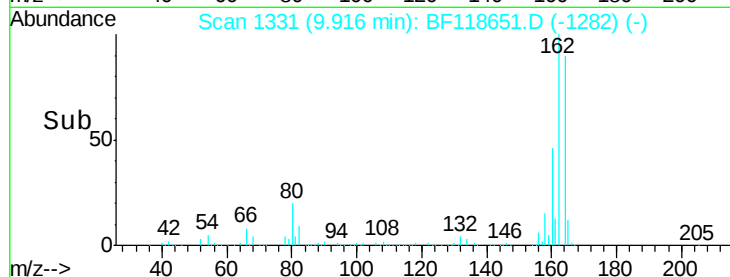
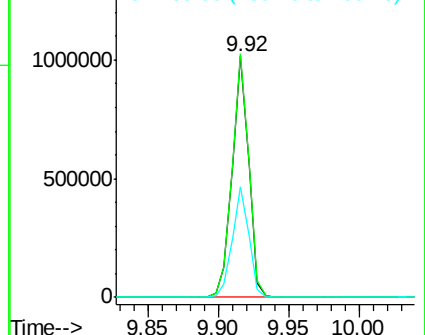
160 45.8 36.6 55.0



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: 90.050 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118651.D

Acq: 22 Jan 2020 00:04

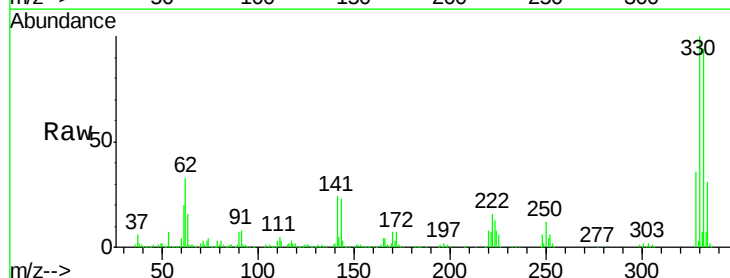
Tgt Ion:330 Resp: 860986

Ion Ratio Lower Upper

330 100

332 94.8 76.2 114.4

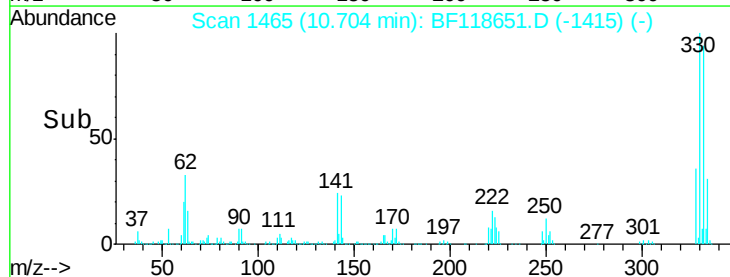
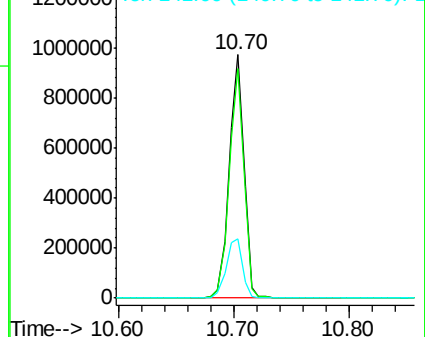
141 27.2 23.9 35.9

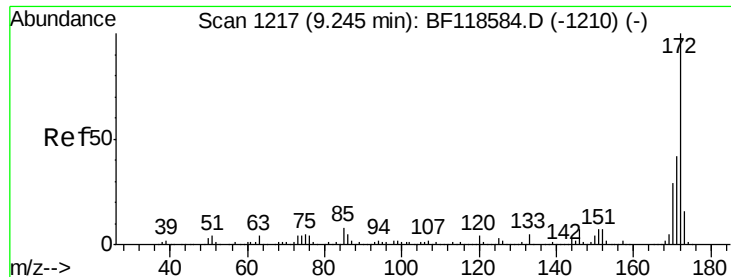


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

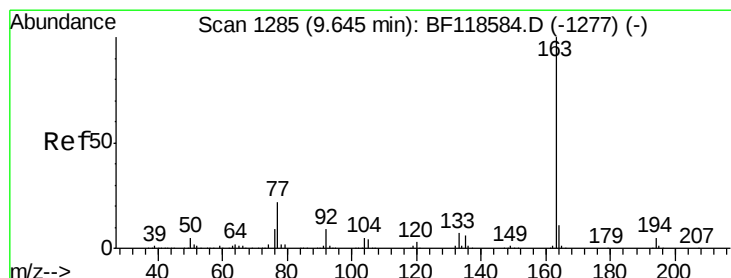
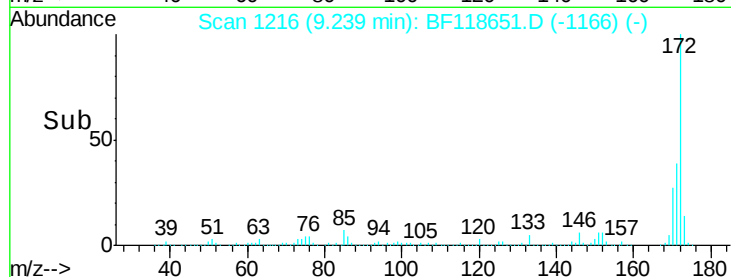
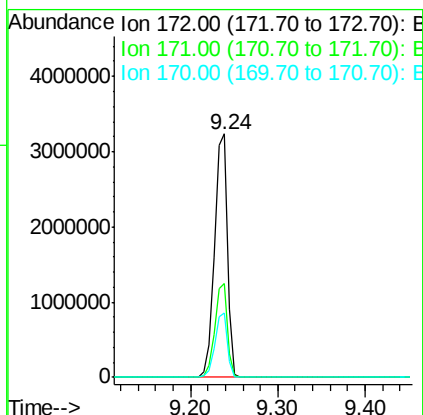
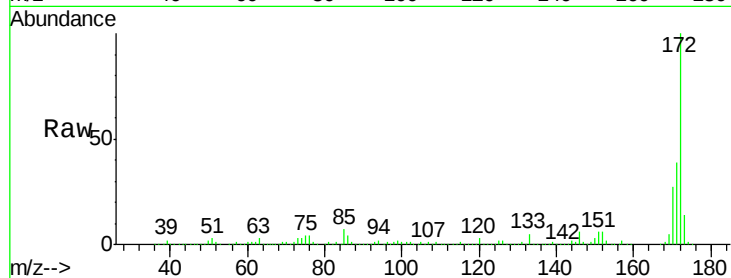




#45
2-Fluorobiphenyl
Concen: 66.058 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118651.D
Acq: 22 Jan 2020 00:04

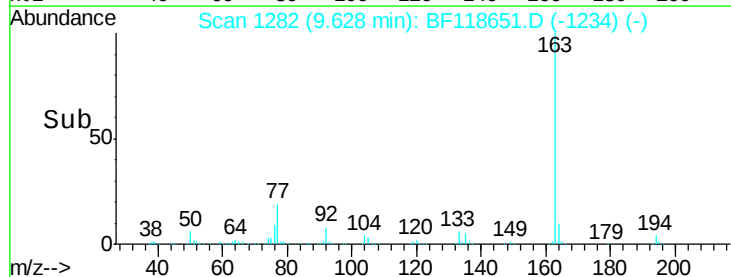
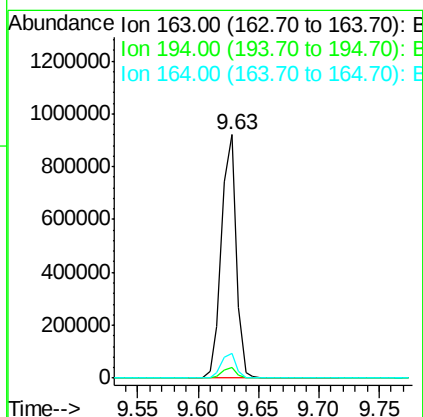
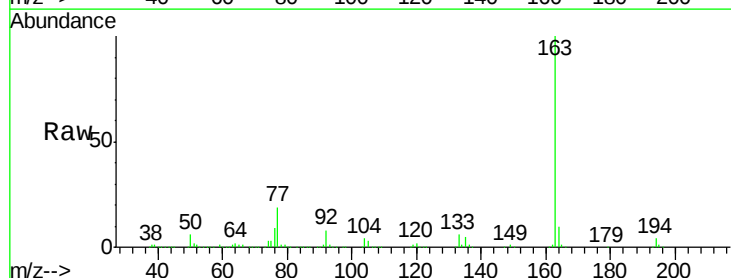
Instrument :
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BU-03-012020

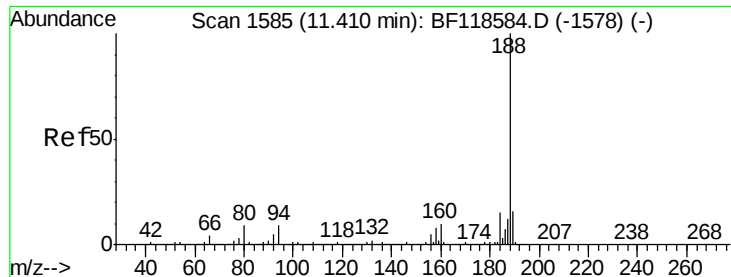
Tot Ion:172 Resp: 3322348
Ion Ratio Lower Upper
172 100
171 38.6 33.4 50.2
170 26.7 23.2 34.8



#50
Dimethylphthalate
Concen: 14.374 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118651.D
Acq: 22 Jan 2020 00:04

Tgt Ion:163 Resp: 774116
Ion Ratio Lower Upper
163 100
194 4.4 3.9 5.9
164 10.2 9.1 13.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF118651.D

Acq: 22 Jan 2020 00:04

Instrument :

BNA_F

ClientSampleId :

BU-03-012020

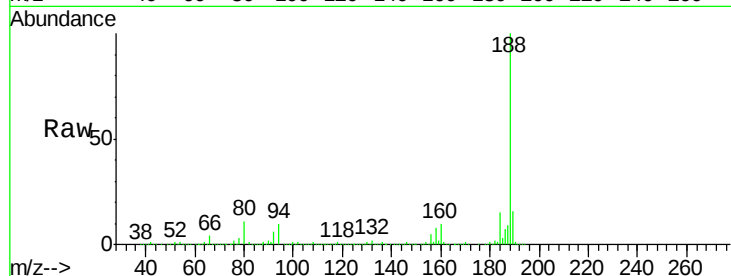
Tot Ion:188 Resp: 1323324

Ion Ratio Lower Upper

188 100

94 10.0 7.1 10.7

80 10.8 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

11.40

1500000

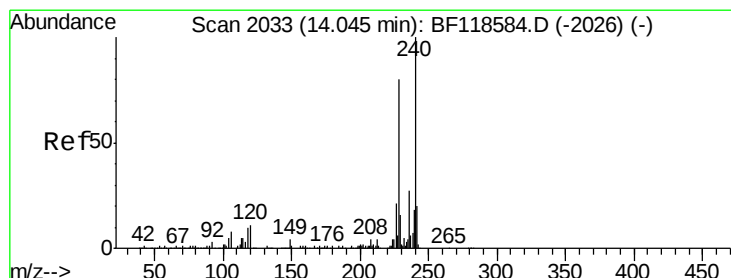
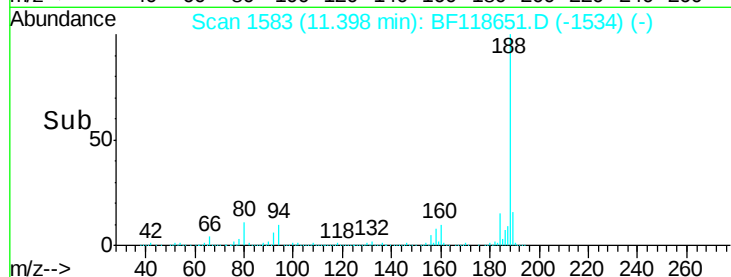
1000000

500000

0

11.35 11.40 11.45

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF118651.D

Acq: 22 Jan 2020 00:04

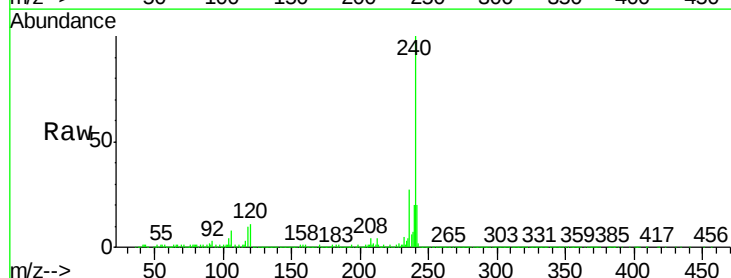
Tgt Ion:240 Resp: 969126

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 26.9 21.5 32.3



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

14.03

1500000

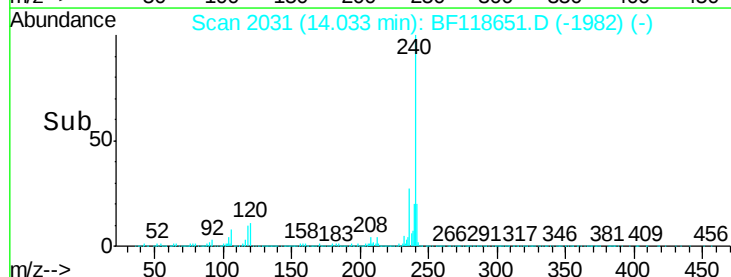
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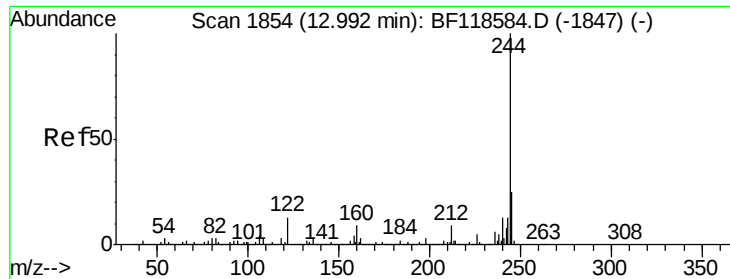
500000

0

14.00 14.10

Time-->





#79

Terphenyl-d14

Concen: 69.937 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118651.D

Acq: 22 Jan 2020 00:04

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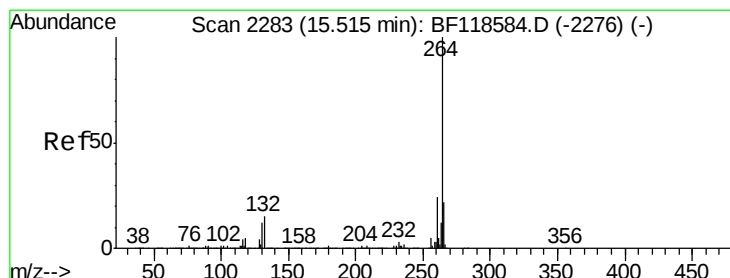
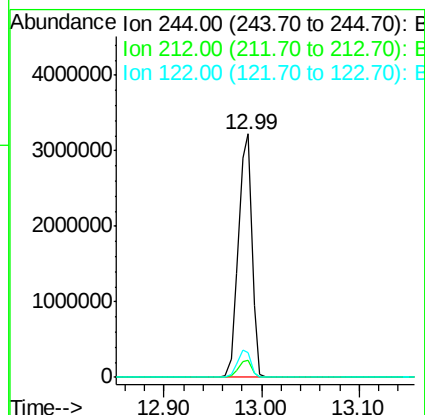
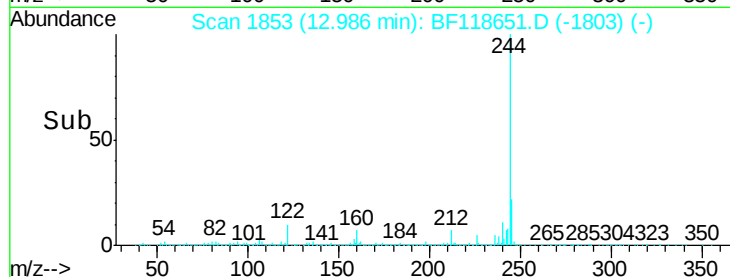
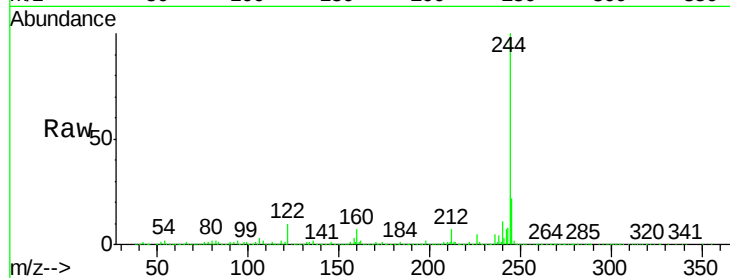
Tot Ion:244 Resp: 3107526

Ion Ratio Lower Upper

244 100

212 7.1 7.0 10.4

122 10.3 10.7 16.1#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF118651.D

Acq: 22 Jan 2020 00:04

Tgt Ion:264 Resp: 1071577

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

265 22.3 17.7 26.5

