

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
 Data File : BF118782.D
 Acq On : 31 Jan 2020 15:22
 Operator : CG/JU
 Sample : L1325-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 200029

Quant Time: Jan 31 22:43:02 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 27 14:24:10 2020
 Response via : Initial Calibration

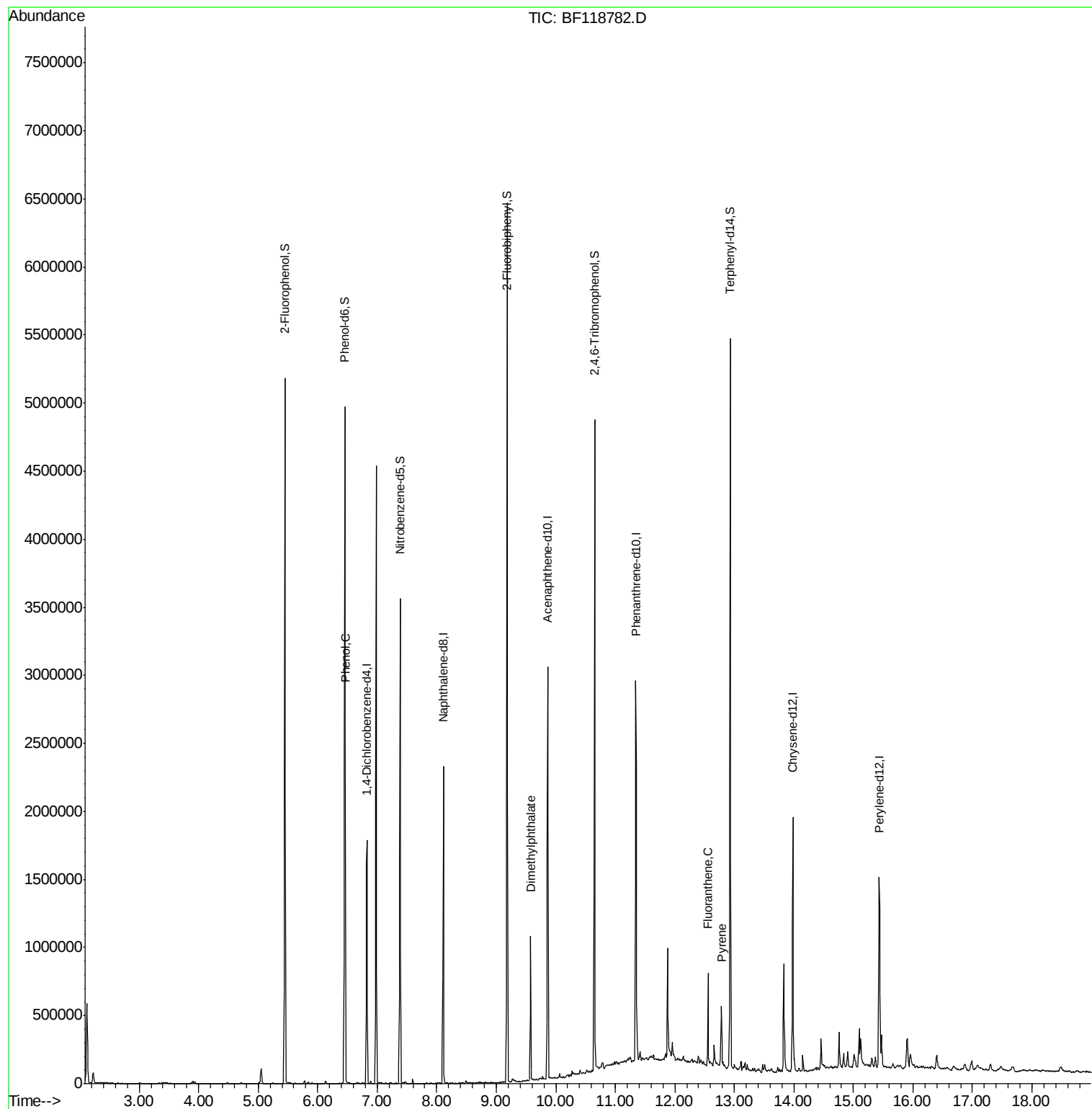
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	286086	20.00	ng	-0.04
21) Naphthalene-d8	8.11	136	1100142	20.00	ng	-0.04
39) Acenaphthene-d10	9.86	164	602566	20.00	ng	-0.04
64) Phenanthrene-d10	11.35	188	1032962	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	584758	20.00	ng	-0.04
87) Perylene-d12	15.43	264	670248	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1531241	99.41	ng	-0.03
7) Phenol-d6	6.46	99	1902654	95.03	ng	-0.04
23) Nitrobenzene-d5	7.39	82	1230578	62.57	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	639835	91.81	ng	-0.04
45) 2-Fluorobiphenyl	9.19	172	1993991	54.39	ng	-0.04
79) Terphenyl-d14	12.93	244	1997049	74.49	ng	-0.03
Target Compounds						
10) Phenol	6.47	94	101279	4.439	ng	94
50) Dimethylphthalate	9.57	163	385820	9.828	ng	100
75) Fluoranthene	12.56	202	244227	4.647	ng	97
78) Pyrene	12.79	202	183874	4.632	ng	96

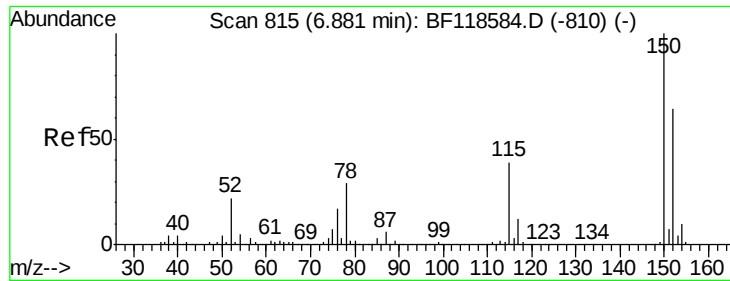
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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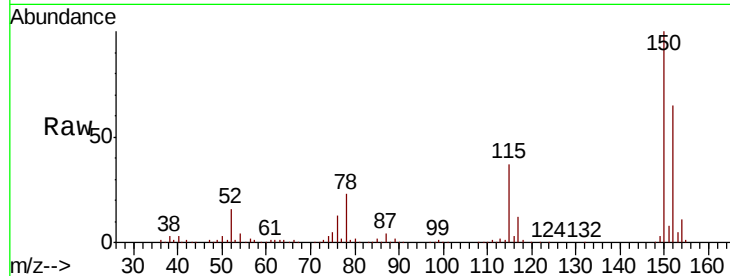


#1

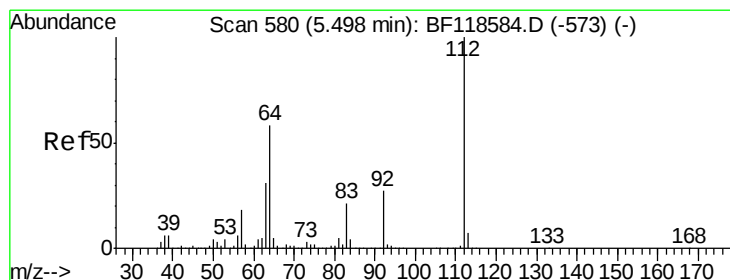
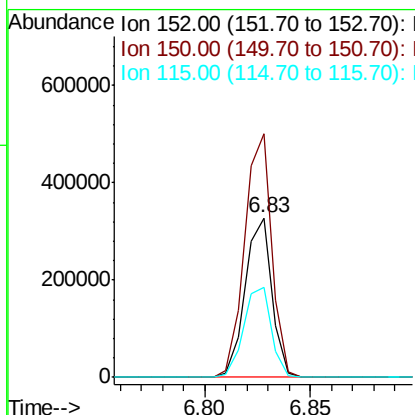
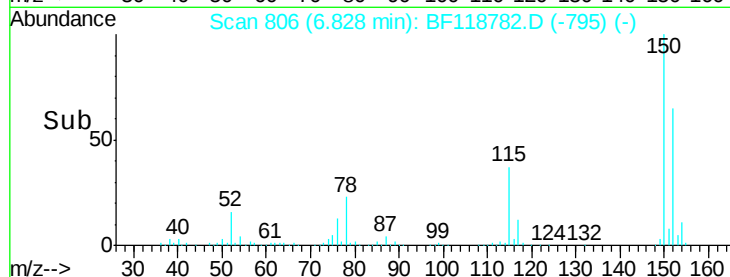
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.04 min
Lab File: BF118782.D
Acq: 31 Jan 2020 15:22

Instrument :
BNA_F
ClientSampleId :
200029

Tot Ion:152 Resp: 286086
Ion Ratio Lower Upper
152 100
150 152.9 123.7 185.5
115 56.8 45.1 67.7



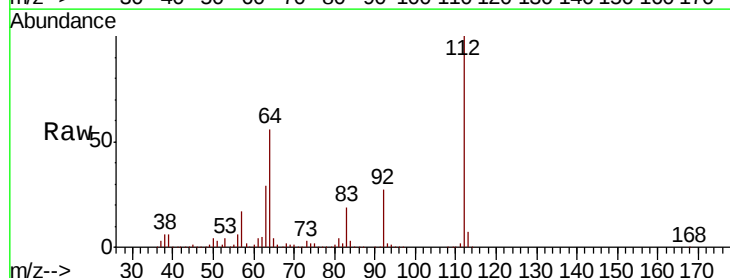
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



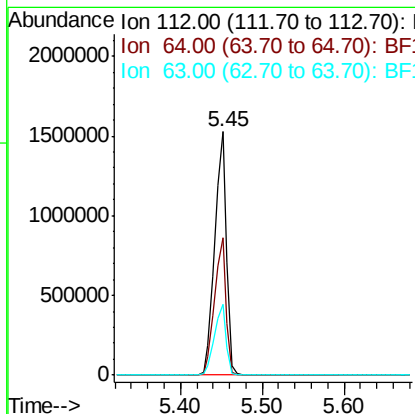
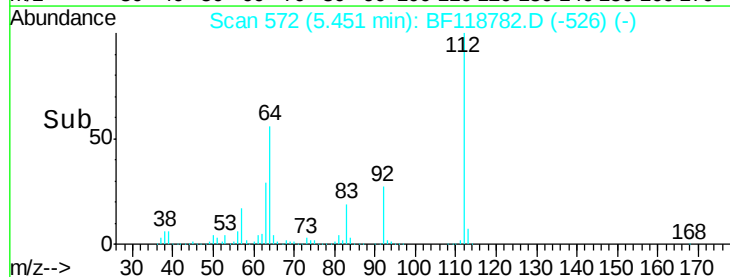
#5

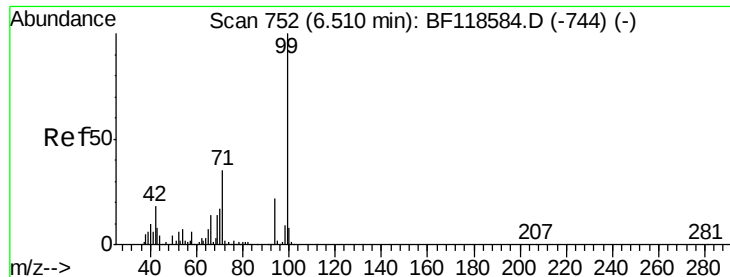
2-Fluorophenol
Concen: 99.407 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF118782.D
Acq: 31 Jan 2020 15:22

Tgt Ion:112 Resp: 1531241
Ion Ratio Lower Upper
112 100
64 56.2 42.4 63.6
63 29.0 21.7 32.5



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: 95.034 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.04 min

Lab File: BF118782.D

Acq: 31 Jan 2020 15:22

Instrument :

BNA_F

ClientSampleId :

200029

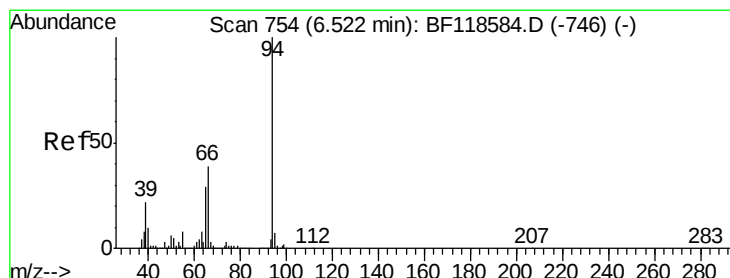
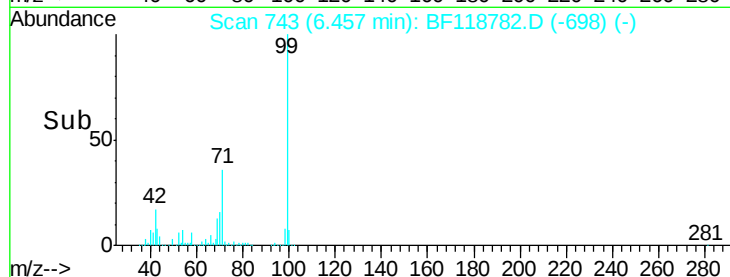
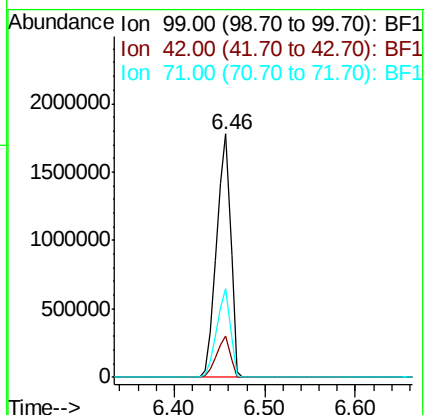
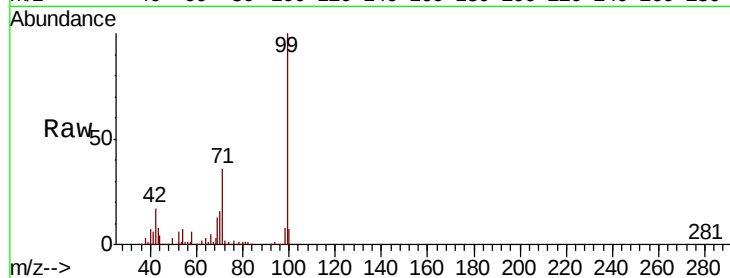
Tot Ion: 99 Resp: 1902654

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

71 36.5 28.4 42.6



#10

Phenol

Concen: 4.439 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF118782.D

Acq: 31 Jan 2020 15:22

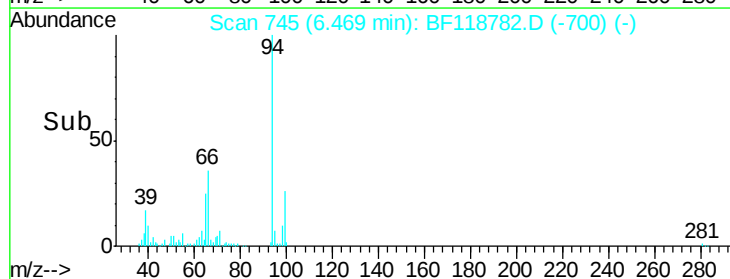
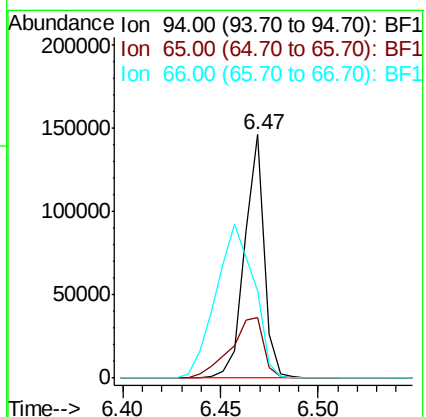
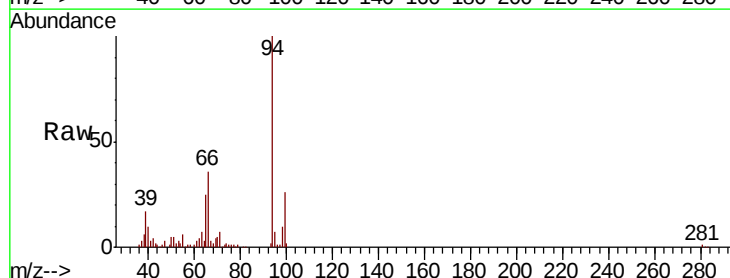
Tgt Ion: 94 Resp: 101279

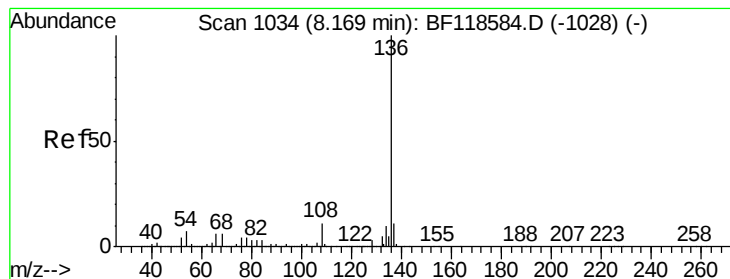
Ion Ratio Lower Upper

94 100

65 24.9 7.9 47.9

66 35.7 19.1 59.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.04 min

Lab File: BF118782.D

Acq: 31 Jan 2020 15:22

Instrument :

BNA_F

ClientSampleId :

200029

Tot Ion:136 Resp: 1100142

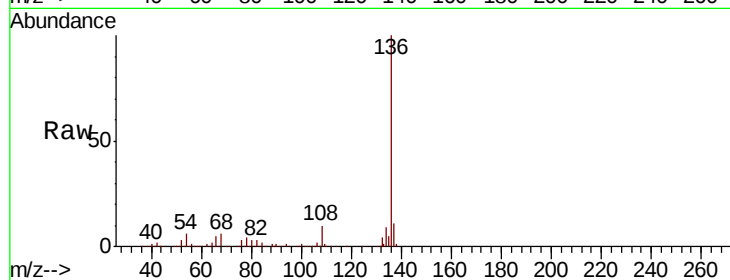
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.2 5.1 7.7

68 5.5 4.3 6.5

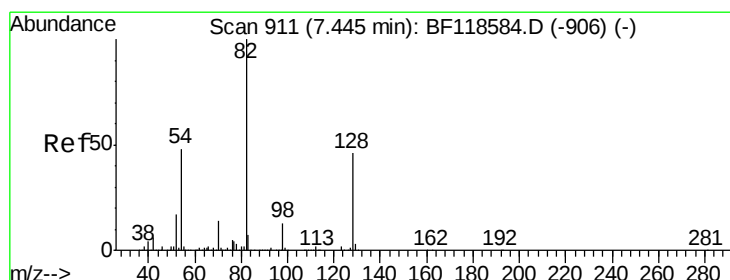
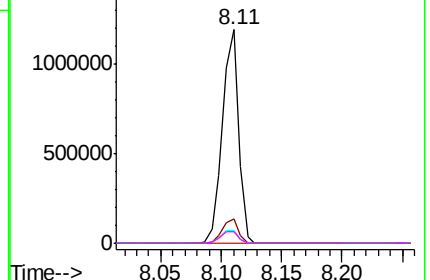
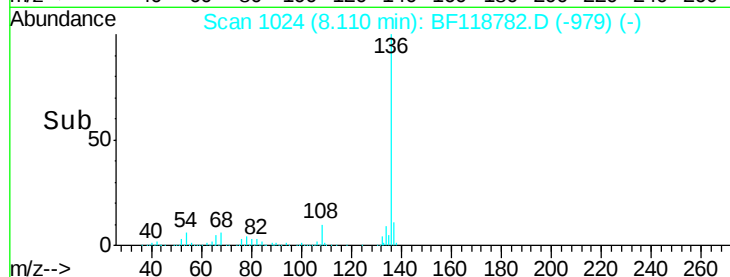


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.566 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.04 min

Lab File: BF118782.D

Acq: 31 Jan 2020 15:22

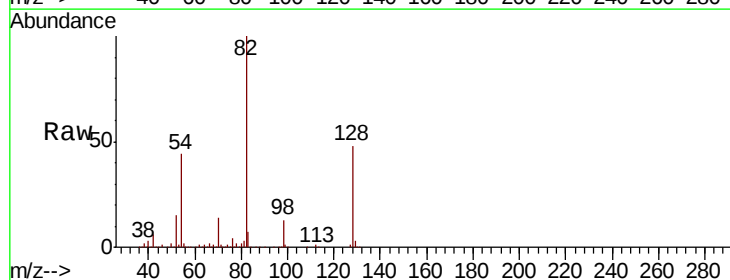
Tgt Ion: 82 Resp: 1230578

Ion Ratio Lower Upper

82 100

128 48.3 38.2 57.2

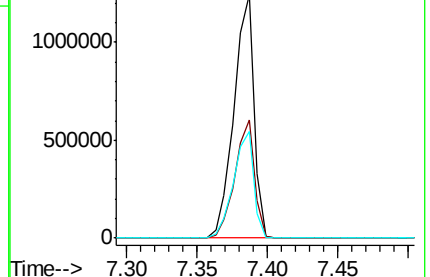
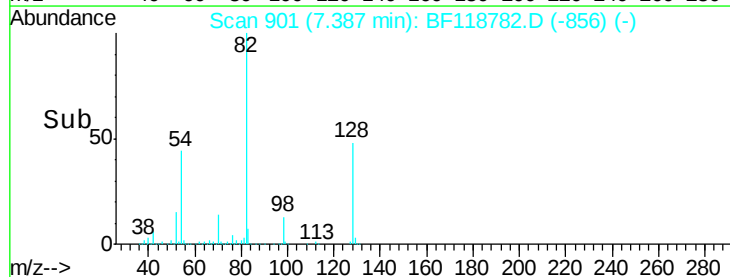
54 43.7 36.1 54.1

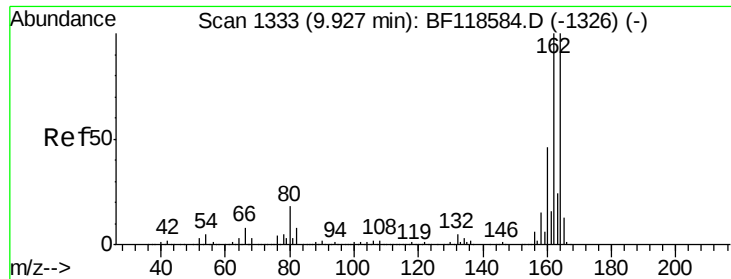


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

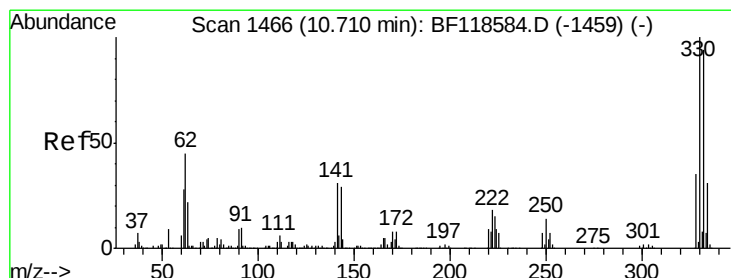
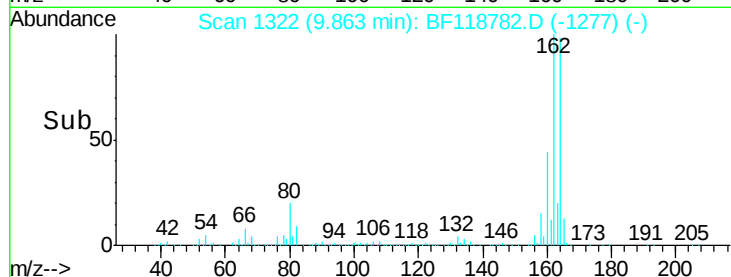
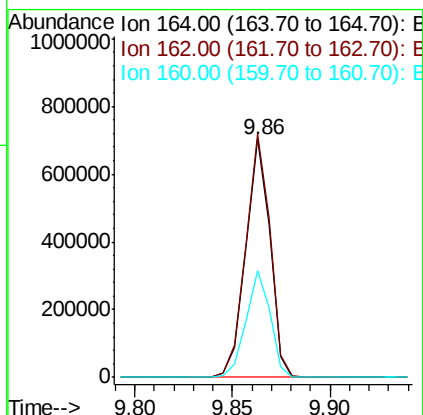
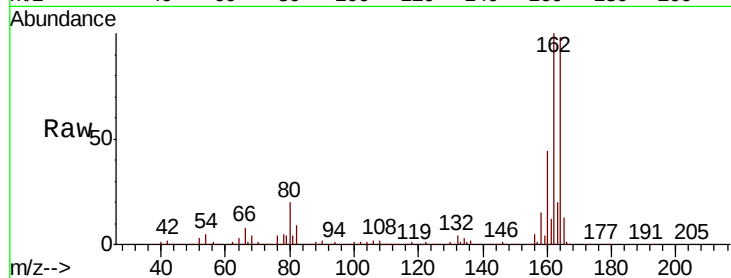




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.04 min
 Lab File: BF118782.D
 Acq: 31 Jan 2020 15:22

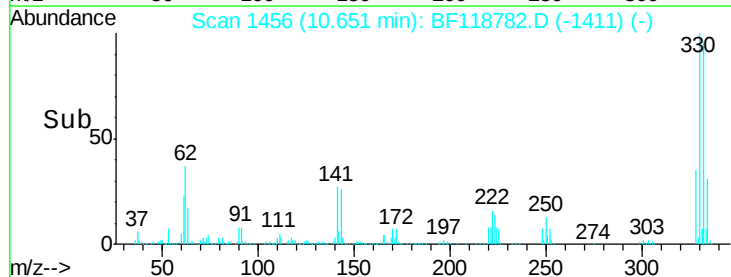
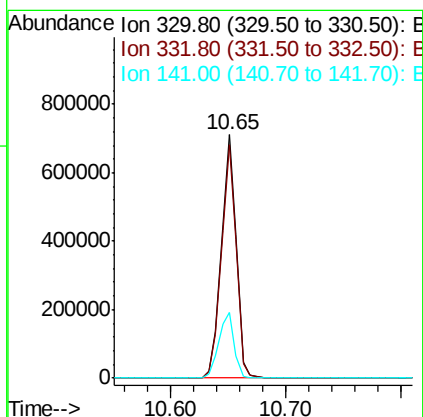
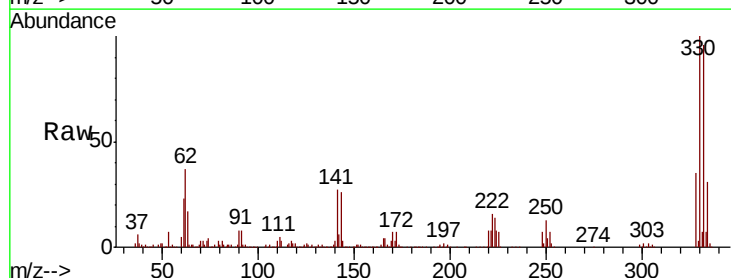
Instrument :
 BNA_F
 ClientSampleId :
 200029

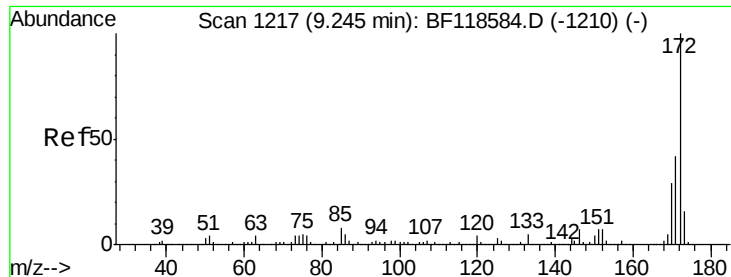
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.8	121.2
160	44.8	35.4	53.0



#42
 2,4,6-Tribromophenol
 Concen: 91.806 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.04 min
 Lab File: BF118782.D
 Acq: 31 Jan 2020 15:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.6	116.4
141	27.7	22.2	33.2

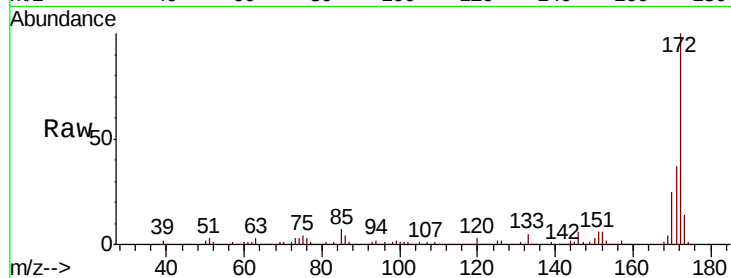




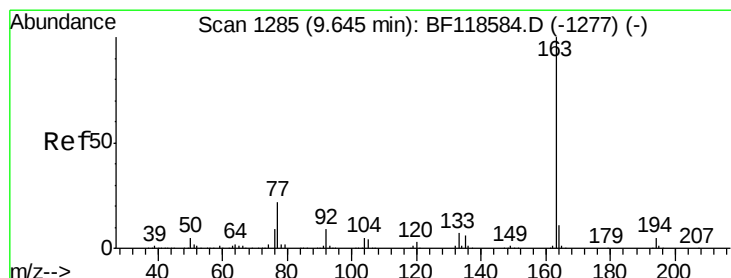
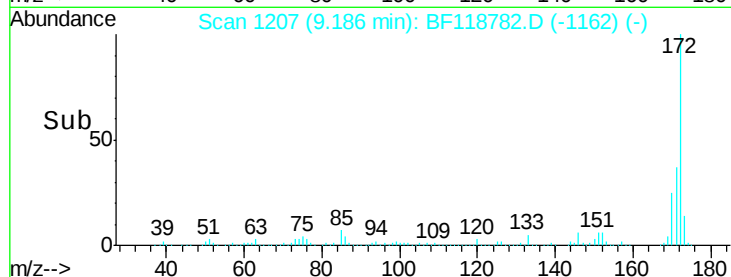
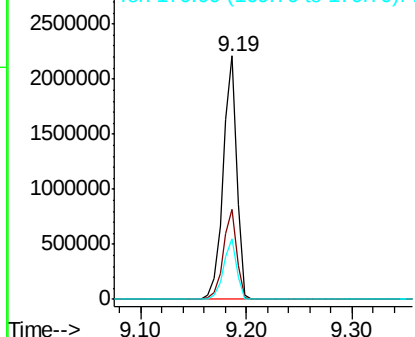
#45
2-Fluorobiphenyl
Concen: 54.390 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.04 min
Lab File: BF118782.D
Acq: 31 Jan 2020 15:22

Instrument :
BNA_F
ClientSampleId :
200029

Tot Ion:172 Resp: 1993991
Ion Ratio Lower Upper
172 100
171 37.1 31.0 46.4
170 24.7 20.7 31.1

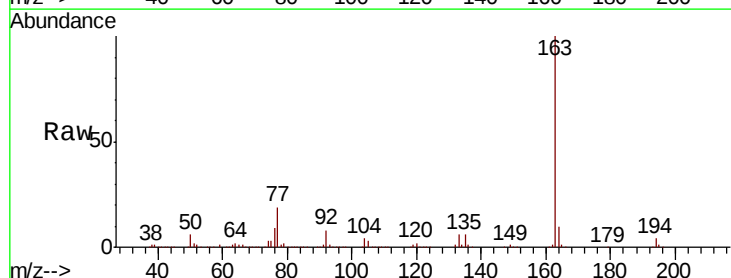


Abundance Ion 172.00 (171.70 to 172.70): E
3000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

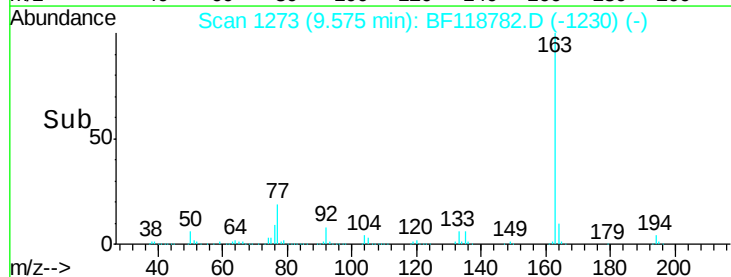
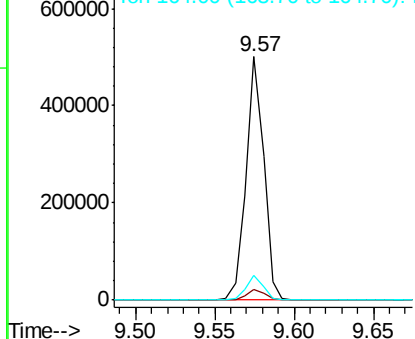


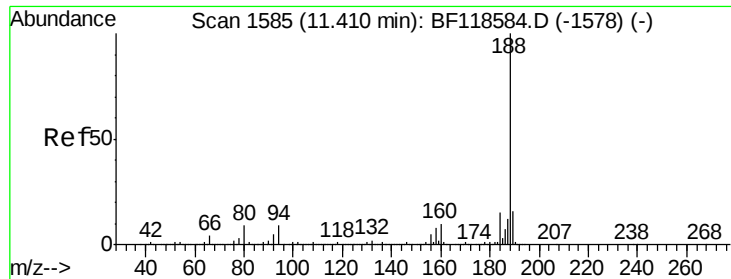
#50
Dimethylphthalate
Concen: 9.828 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.05 min
Lab File: BF118782.D
Acq: 31 Jan 2020 15:22

Tgt Ion:163 Resp: 385820
Ion Ratio Lower Upper
163 100
194 4.4 3.7 5.5
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
600000
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: 11.35 min Scan# 1574

Delta R.T. -0.04 min

Lab File: BF118782.D

Acq: 31 Jan 2020 15:22

Instrument :

BNA_F

ClientSampleId :

200029

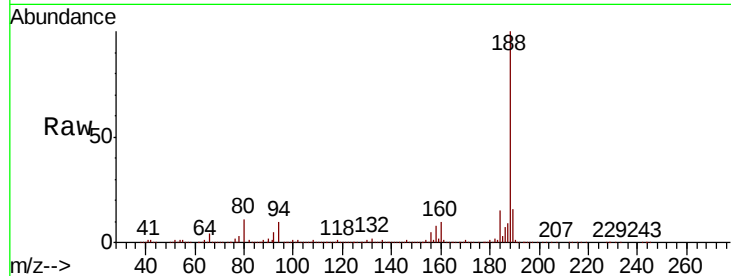
Tot Ion:188 Resp: 1032962

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.2

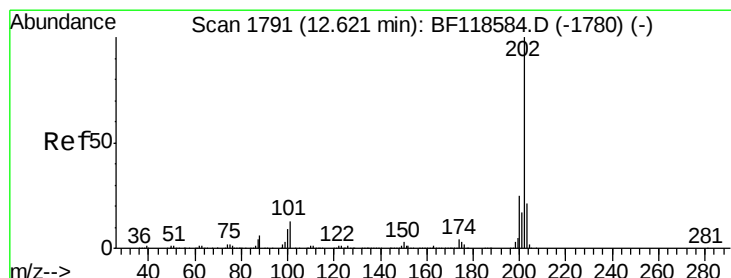
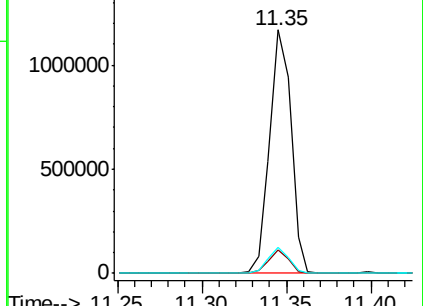
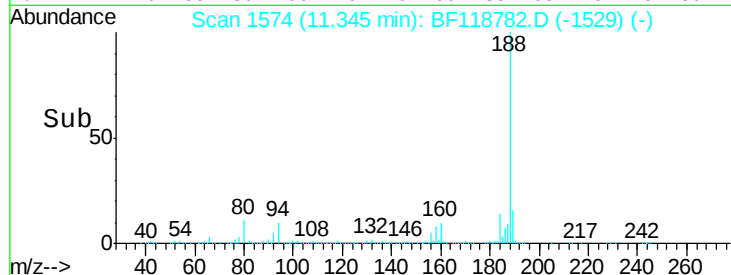
80 10.8 7.8 11.8



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



#75

Fluoranthene

Concen: 4.647 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.04 min

Lab File: BF118782.D

Acq: 31 Jan 2020 15:22

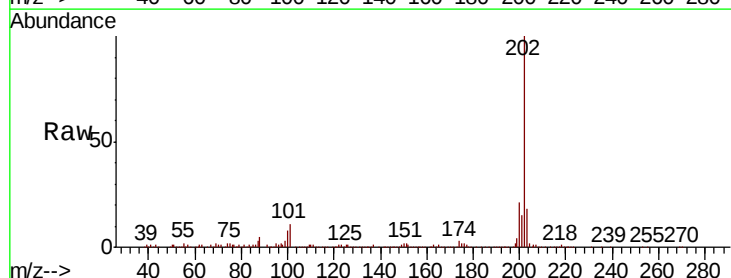
Tgt Ion:202 Resp: 244227

Ion Ratio Lower Upper

202 100

101 10.7 0.0 32.1

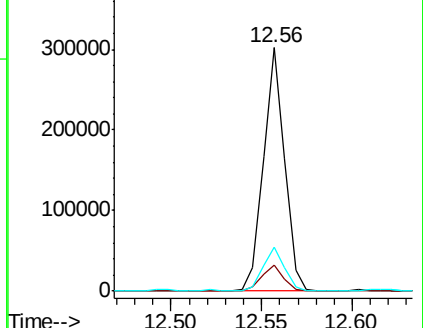
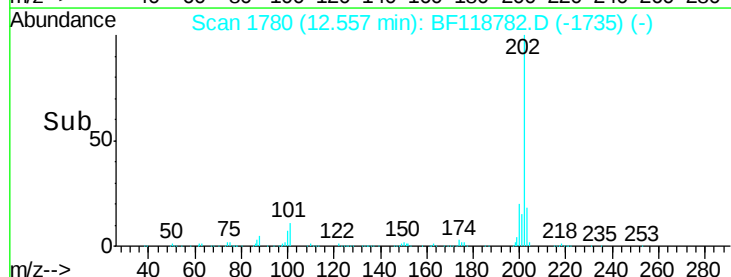
203 17.8 0.0 38.9

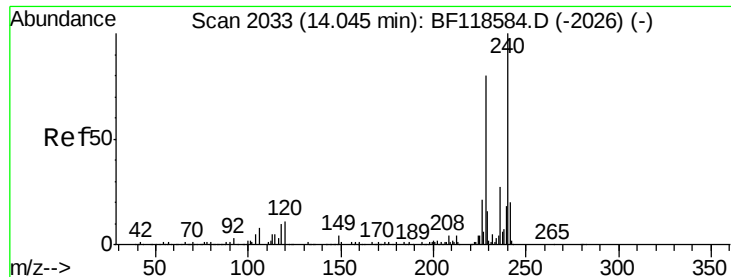


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

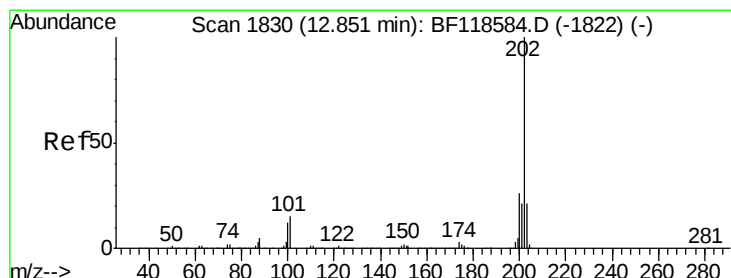
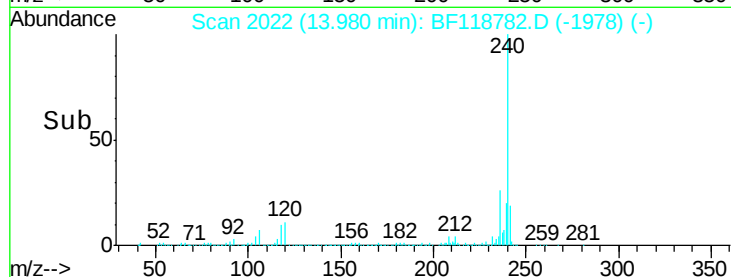
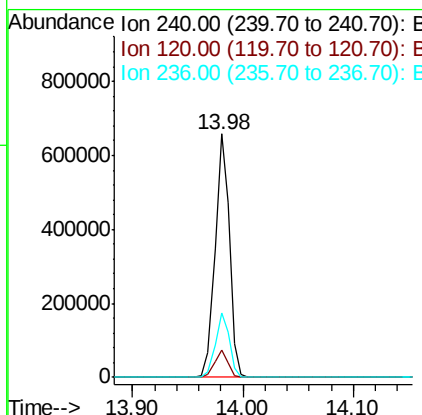
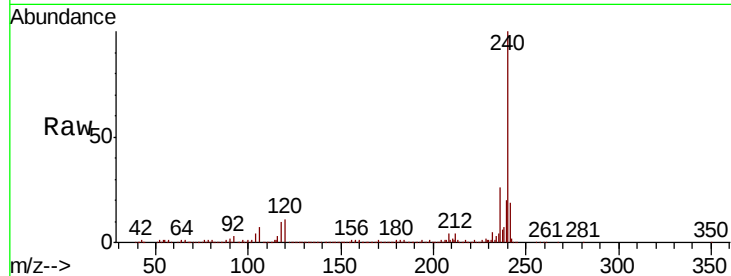




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.04 min
Lab File: BF118782.D
Acq: 31 Jan 2020 15:22

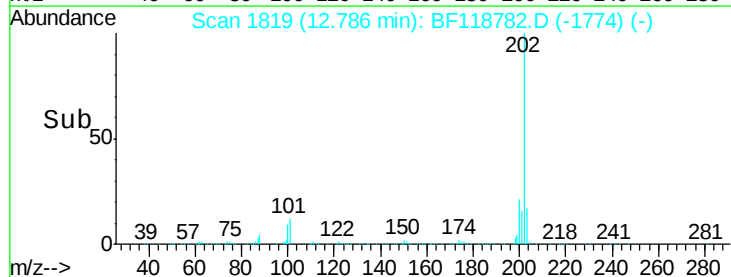
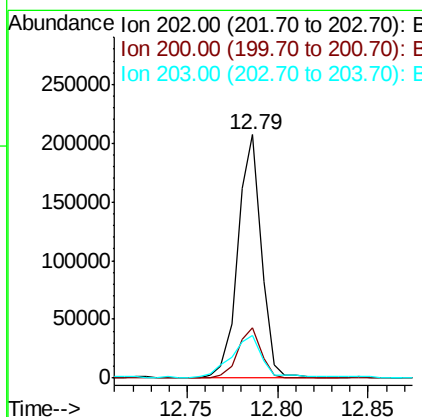
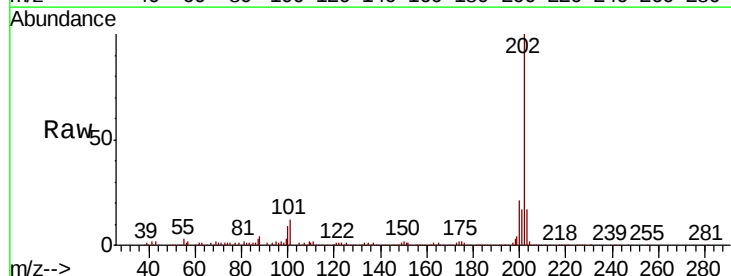
Instrument :
BNA_F
ClientSampleId :
200029

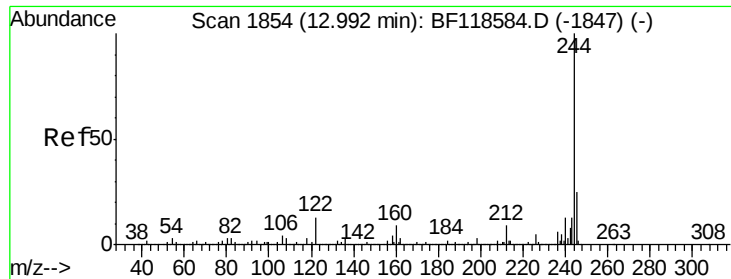
Tot Ion:240 Resp: 584758
Ion Ratio Lower Upper
240 100
120 11.1 7.6 11.4
236 26.4 21.0 31.4



#78
Pyrene
Concen: 4.632 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.04 min
Lab File: BF118782.D
Acq: 31 Jan 2020 15:22

Tgt Ion:202 Resp: 183874
Ion Ratio Lower Upper
202 100
200 20.6 18.1 27.1
203 17.4 15.2 22.8

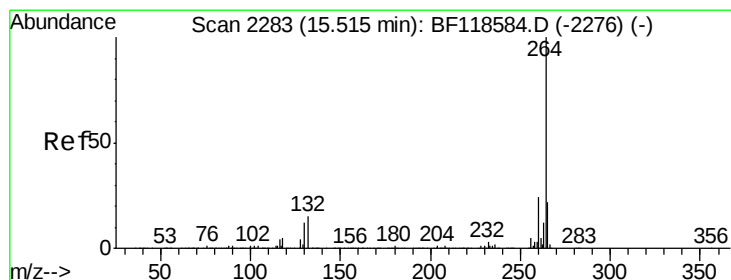
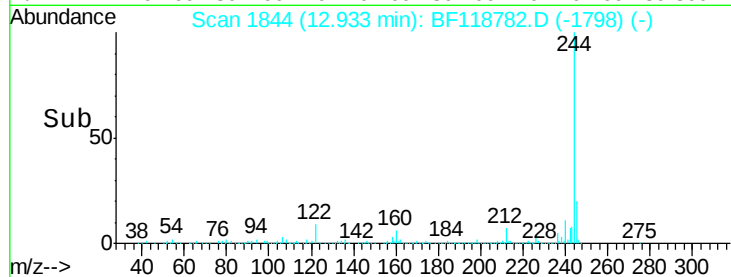
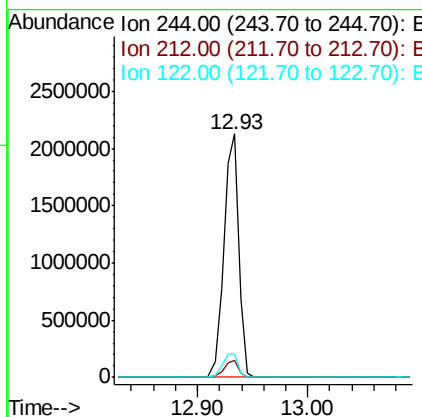
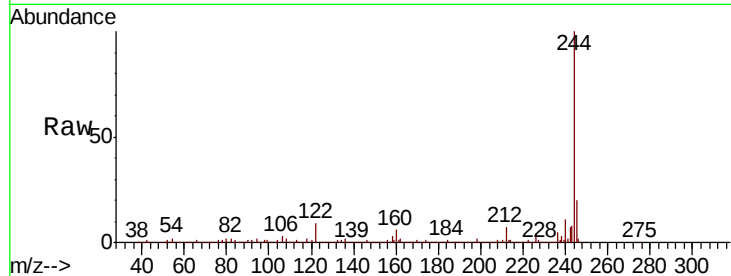




#79
 Terphenyl-d14
 Concen: 74.488 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.03 min
 Lab File: BF118782.D
 Acq: 31 Jan 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 200029

Tot Ion:244 Resp: 1997049
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.3 9.5
 122 9.4 9.2 13.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.05 min
 Lab File: BF118782.D
 Acq: 31 Jan 2020 15:22

Tgt Ion:264 Resp: 670248
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.7 17.0 25.6

