

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118972.D
 Acq On : 20 Feb 2020 21:40
 Operator : CG/JU
 Sample : L1546-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 INDIAN-ISLAND-(11)

Quant Time: Feb 21 02:54:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

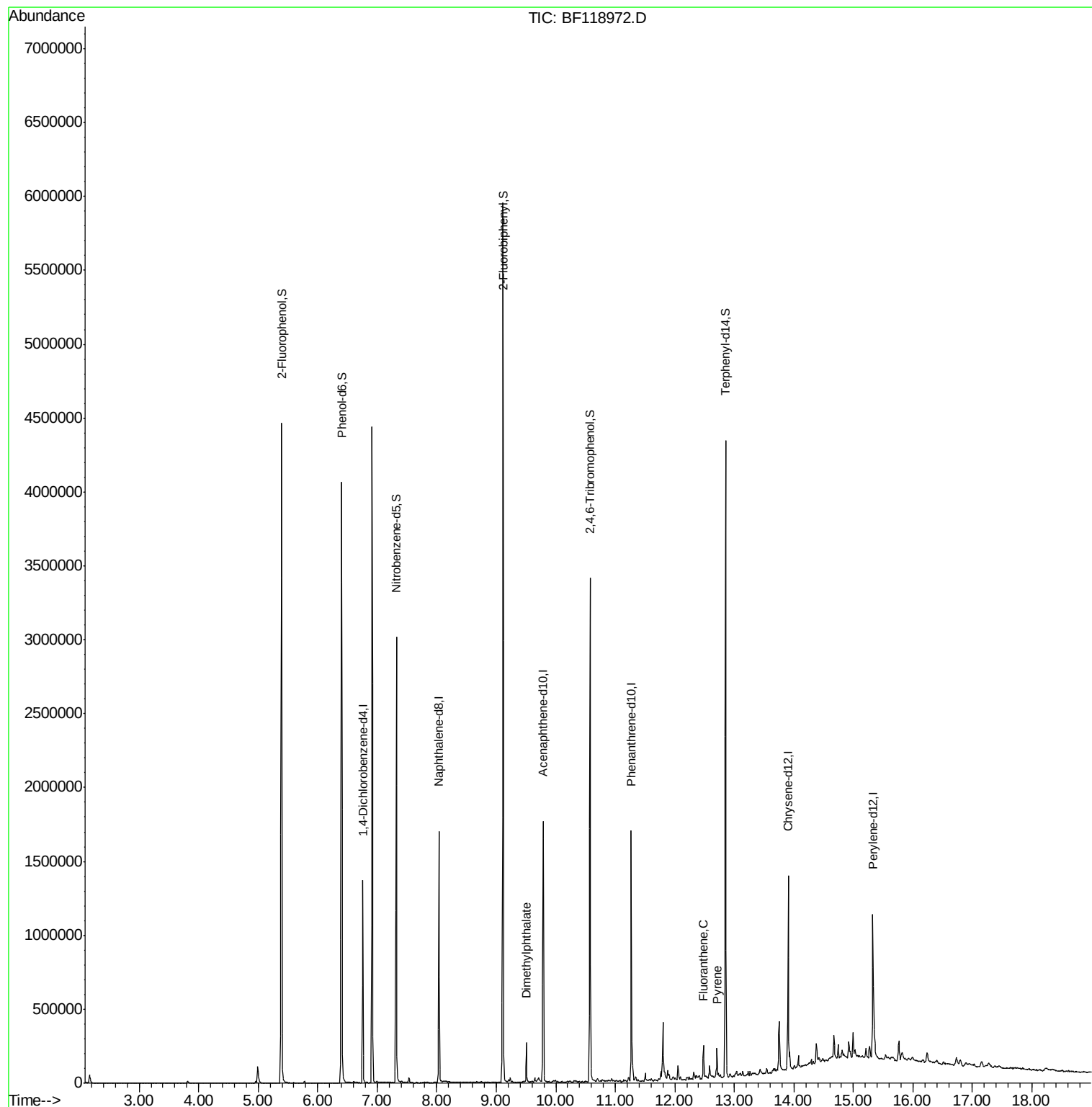
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	204533	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	761456	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	385065	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	612374	20.00	ng	0.00
76) Chrysene-d12	13.90	240	433912	20.00	ng	0.00
87) Perylene-d12	15.33	264	466210	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1382339	112.95	ng	0.01
7) Phenol-d6	6.40	99	1717529	115.39	ng	0.00
23) Nitrobenzene-d5	7.32	82	1153448	79.98	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	521948	103.62	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1925187	73.65	ng	0.00
79) Terphenyl-d14	12.86	244	1688044	66.98	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	99673	3.385	ng	99
75) Fluoranthene	12.48	202	83782	2.363	ng	97
78) Pyrene	12.71	202	86484	2.482	ng	97

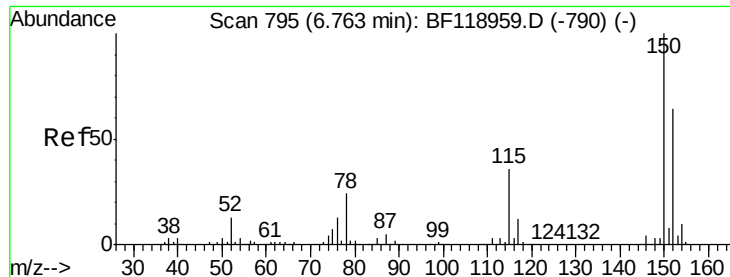
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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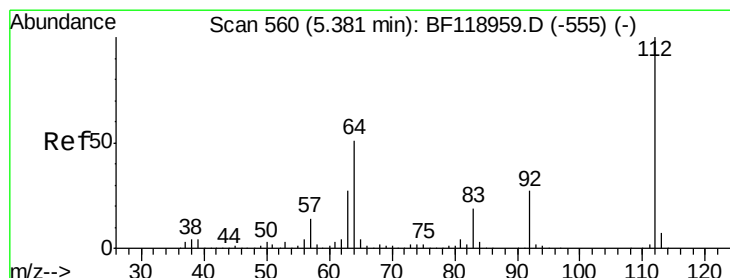
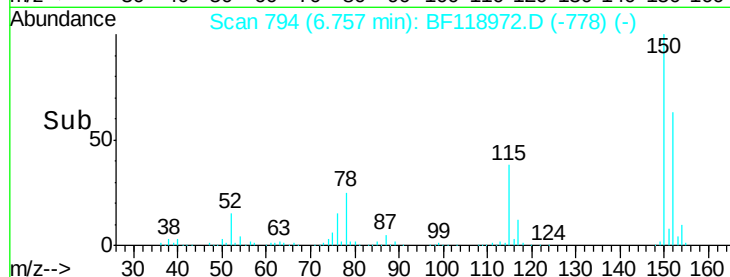
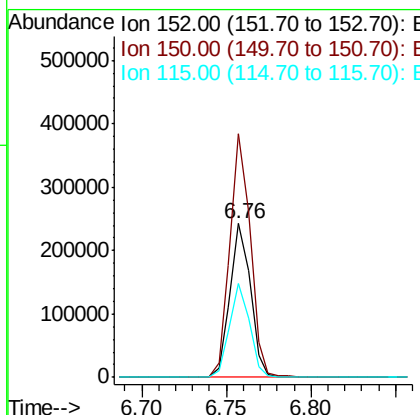
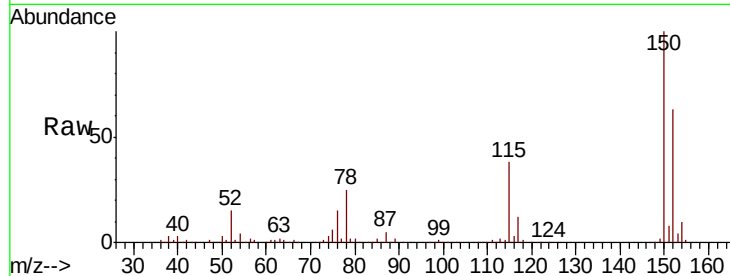




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF118972.D
 Acq: 20 Feb 2020 21:40

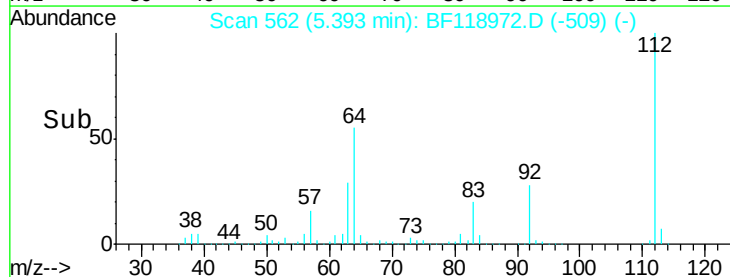
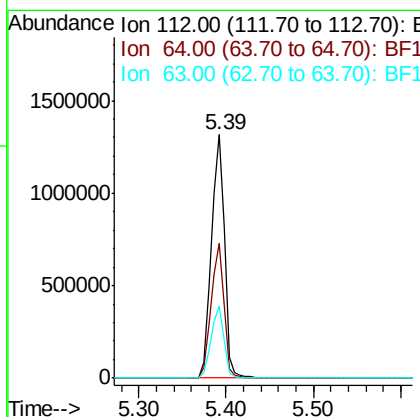
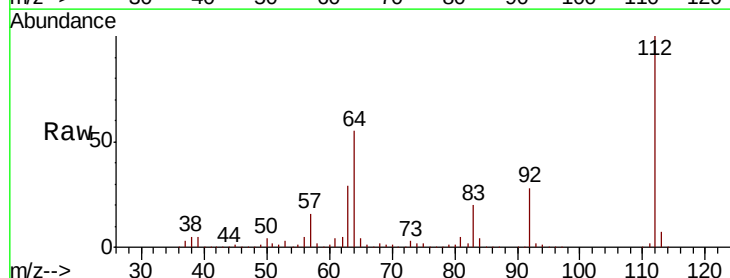
Instrument :
 BNA_F
 ClientSampleId :
 INDIAN-ISLAND-(11)

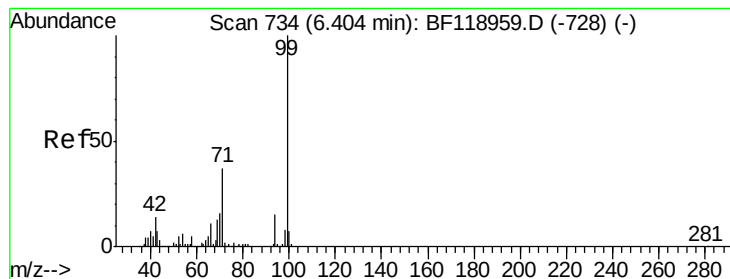
Tot Ion:152 Resp: 204533
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.3 186.5
 115 60.8 44.6 67.0



#5
 2-Fluorophenol
 Concen: 112.947 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF118972.D
 Acq: 20 Feb 2020 21:40

Tgt Ion:112 Resp: 1382339
 Ion Ratio Lower Upper
 112 100
 64 55.4 40.4 60.6
 63 29.5 21.3 31.9





#7

Phenol-d6

Concen: 115.389 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

Instrument :

BNA_F

ClientSampleId :

INDIAN-ISLAND-(11)

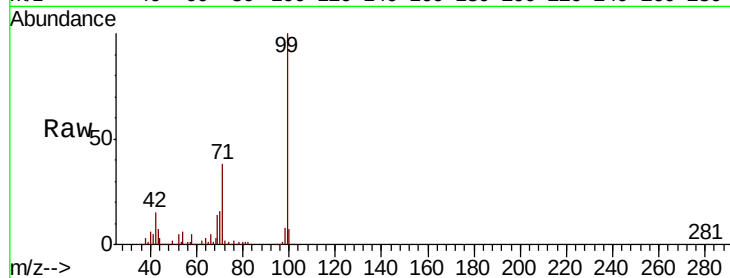
Tot Ion: 99 Resp: 1717529

Ion Ratio Lower Upper

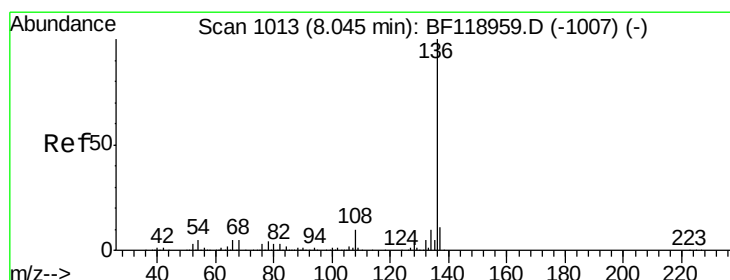
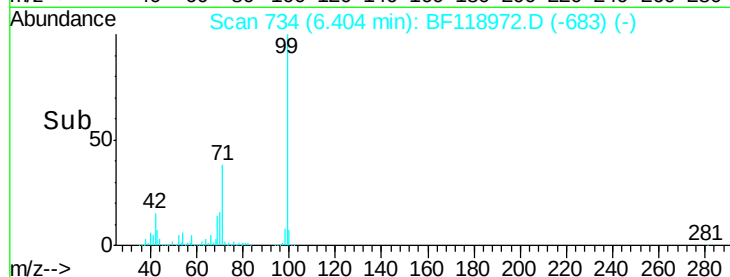
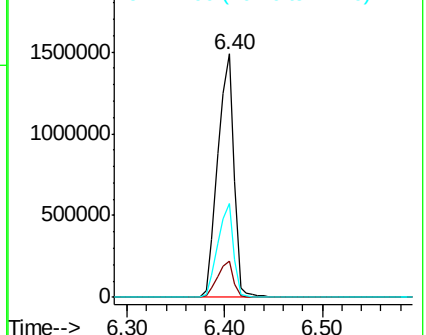
99 100

42 15.0 11.4 17.0

71 38.5 29.8 44.6



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: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

Tgt Ion: 136 Resp: 761456

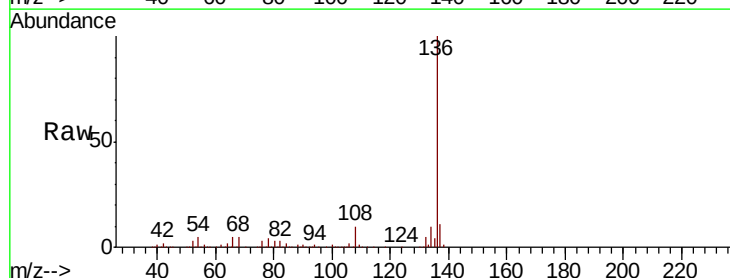
Ion Ratio Lower Upper

136 100

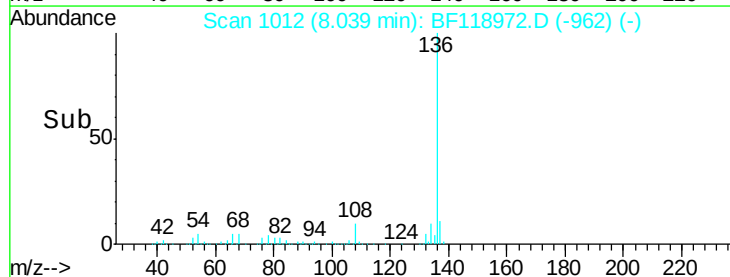
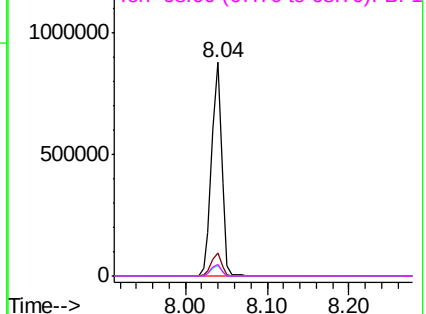
137 11.0 8.9 13.3

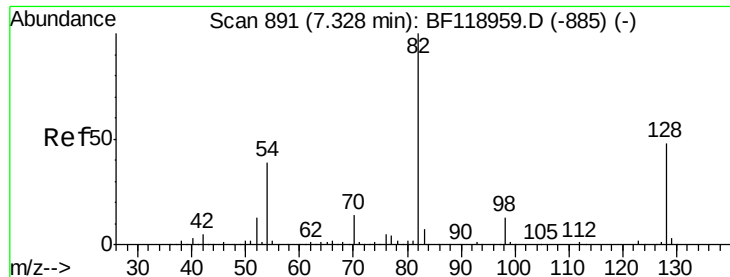
54 4.7 3.8 5.6

68 5.2 4.2 6.2



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

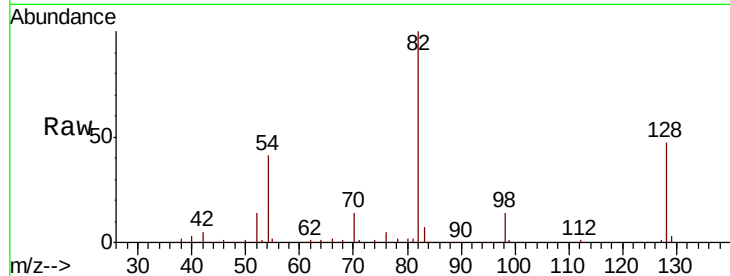




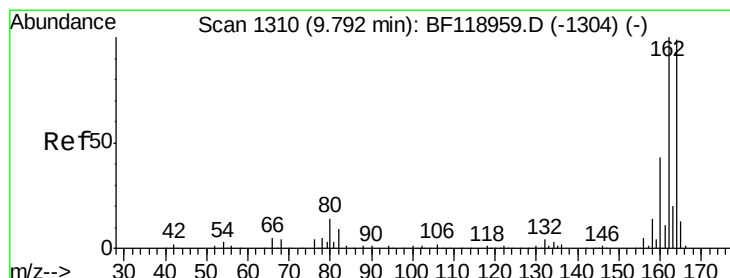
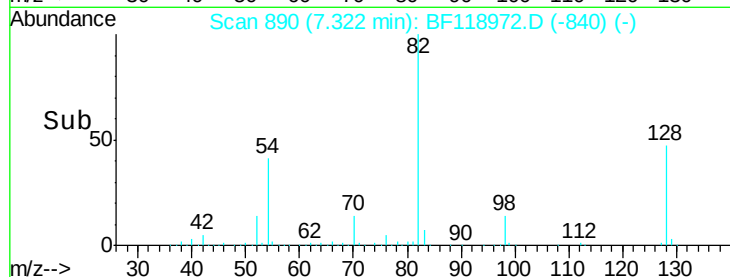
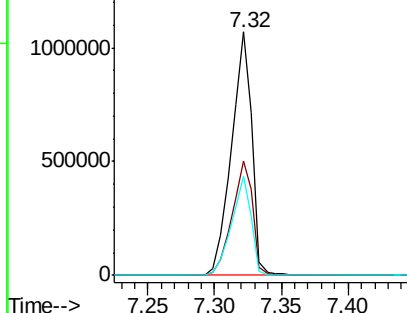
#23
 Nitrobenzene-d5
 Concen: 79.981 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF118972.D
 Acq: 20 Feb 2020 21:40

Instrument :
 BNA_F
 ClientSampleId :
 INDIAN-ISLAND-(11)

Tot Ion: 82 Resp: 1153448
 Ion Ratio Lower Upper
 82 100
 128 47.0 38.2 57.2
 54 40.8 31.3 46.9

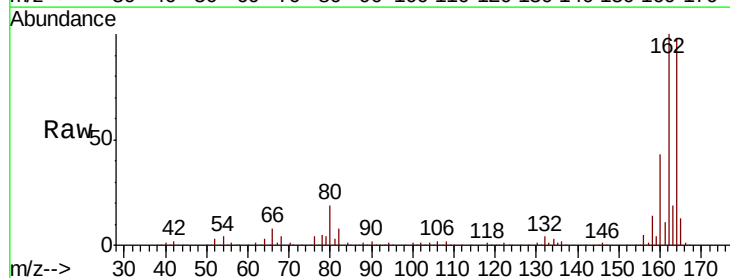


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

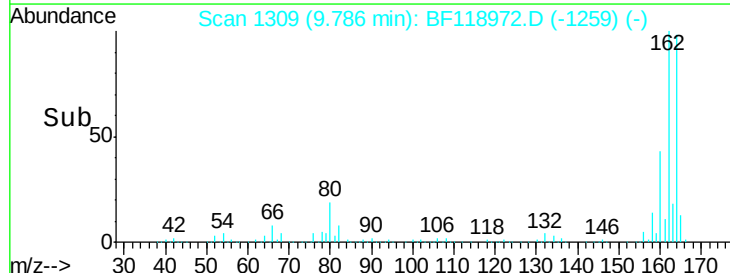
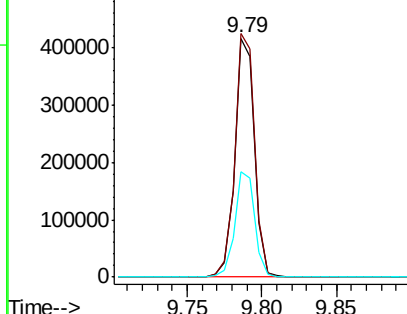


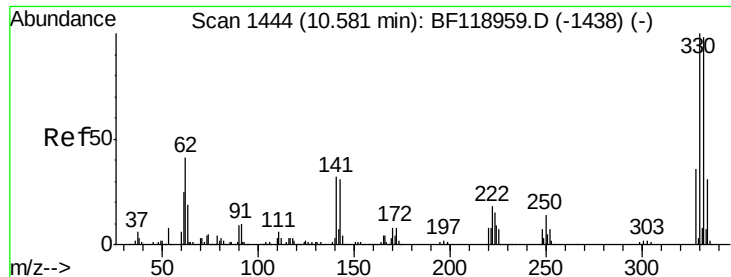
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF118972.D
 Acq: 20 Feb 2020 21:40

Tgt Ion:164 Resp: 385065
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.2 121.8
 160 44.0 35.2 52.8



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

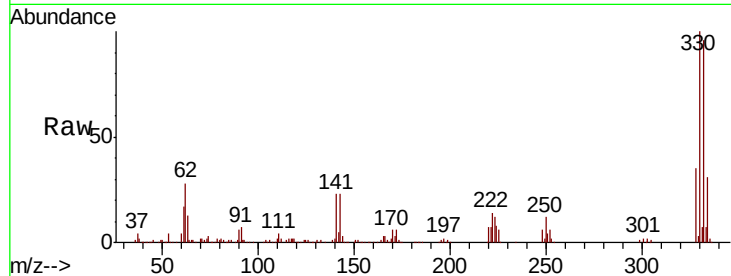




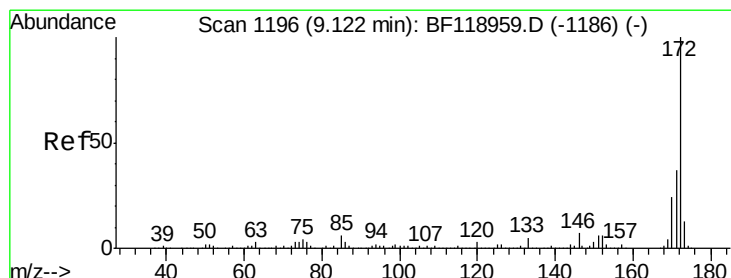
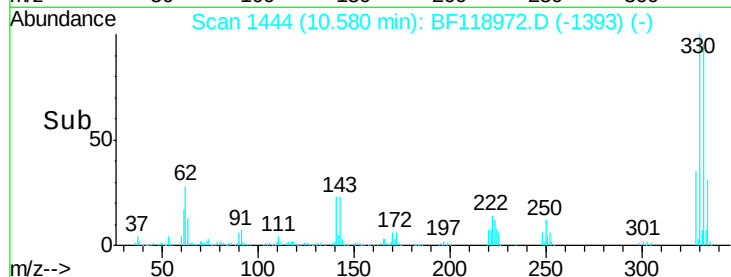
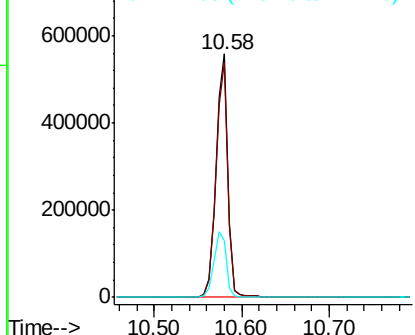
#42
 2,4,6-Tribromophenol
 Concen: 103.617 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF118972.D
 Acq: 20 Feb 2020 21:40

Instrument :
 BNA_F
 ClientSampleId :
 INDIAN-ISLAND-(11)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	28.5	23.0	34.6

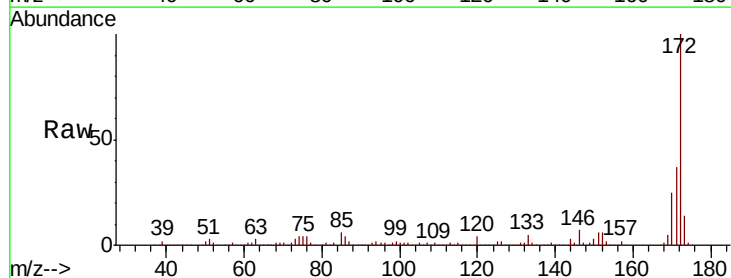


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

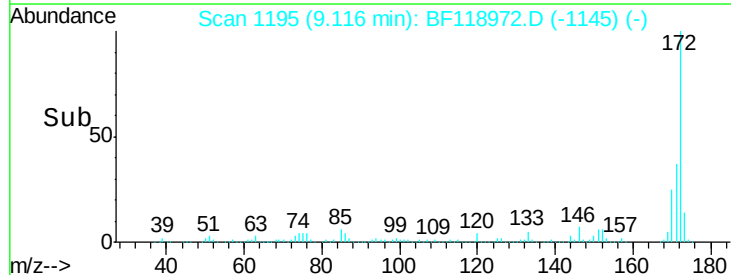
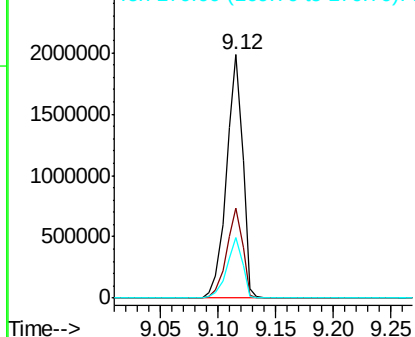


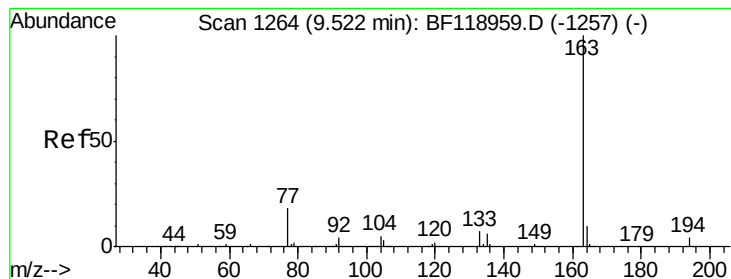
#45
 2-Fluorobiphenyl
 Concen: 73.653 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF118972.D
 Acq: 20 Feb 2020 21:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.2
170	24.9	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





#50

Dimethylphthalate

Concen: 3.385 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

Instrument :

BNA_F

ClientSampleId :

INDIAN-ISLAND-(11)

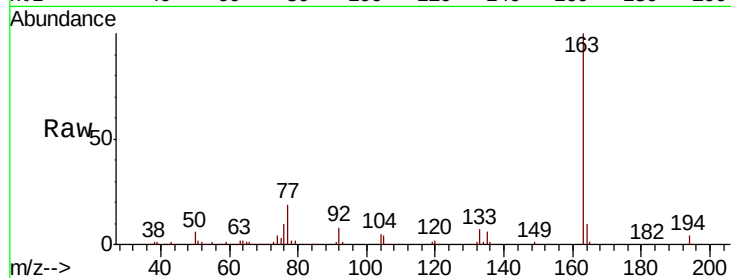
Tot Ion:163 Resp: 99673

Ion Ratio Lower Upper

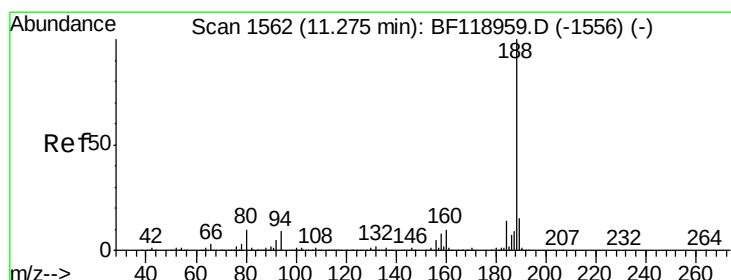
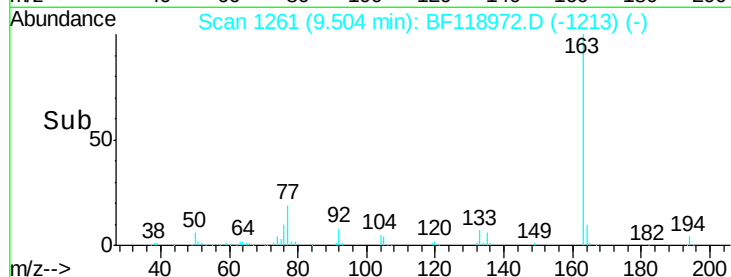
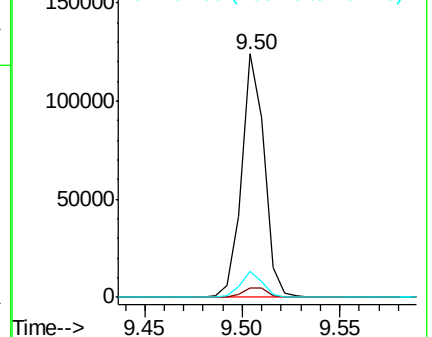
163 100

194 4.0 3.4 5.2

164 10.5 8.2 12.2



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: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

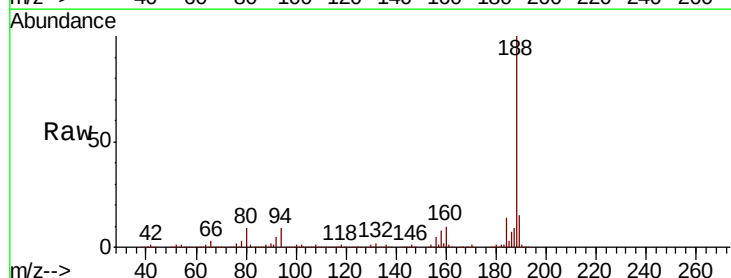
Tgt Ion:188 Resp: 612374

Ion Ratio Lower Upper

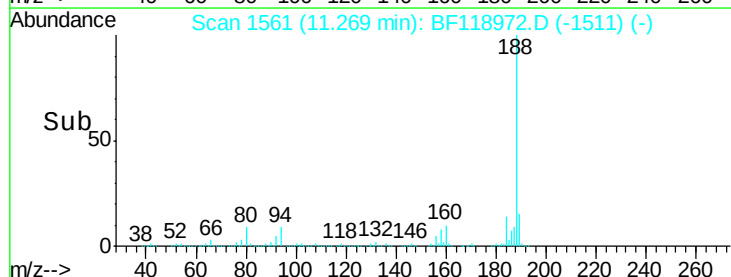
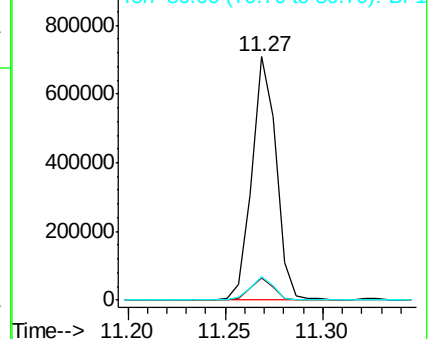
188 100

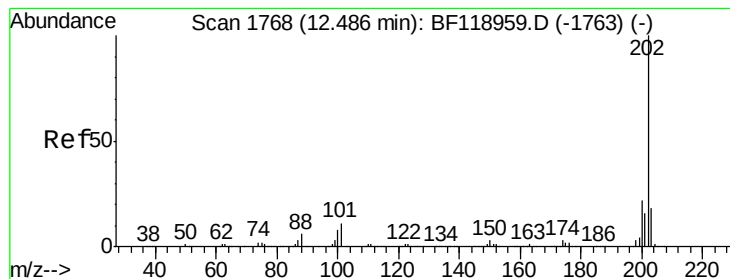
94 9.0 7.0 10.6

80 9.5 7.9 11.9



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

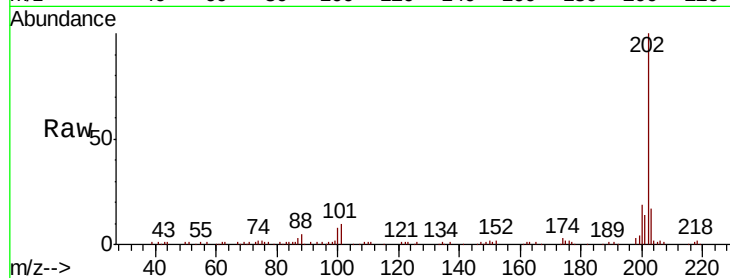




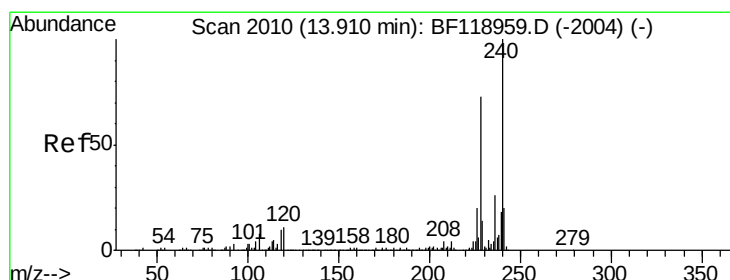
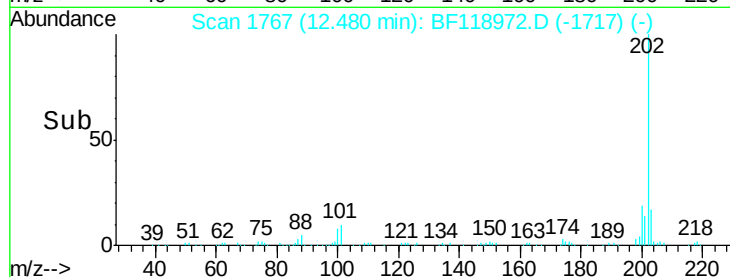
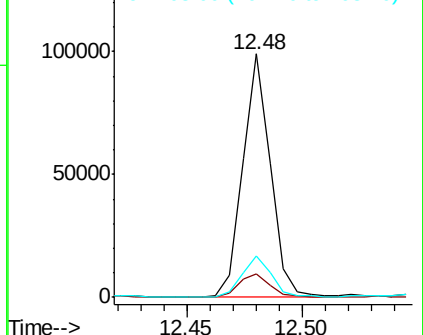
#75
 Fluoranthene
 Concen: 2.363 ng
 RT: 12.48 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BF118972.D
 Acq: 20 Feb 2020 21:40

Instrument :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	31.1
203	16.8	0.0	38.1

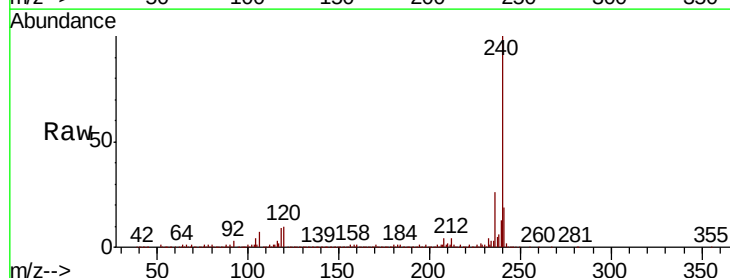


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

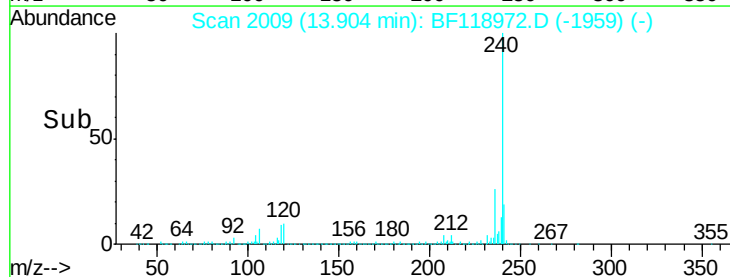
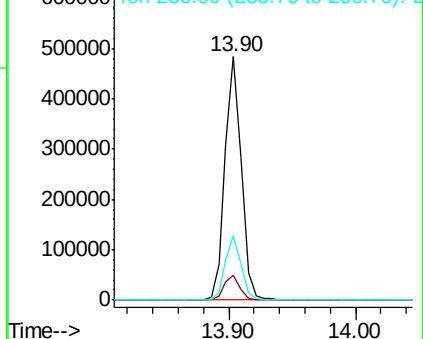


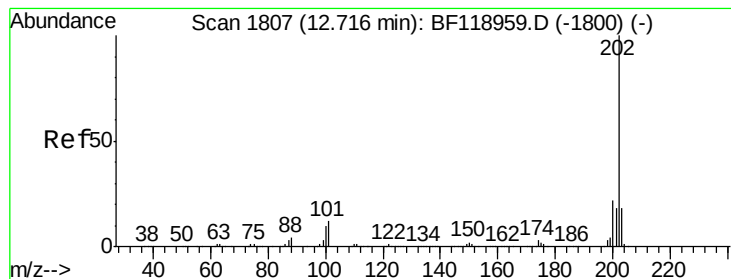
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF118972.D
 Acq: 20 Feb 2020 21:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.9	13.3
236	26.2	20.6	30.8



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





#78

Pvrene

Concen: 2.482 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

Instrument :

BNA_F

ClientSampleId :

INDIAN-ISLAND-(11)

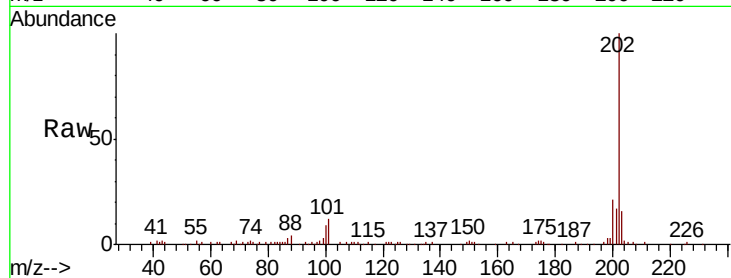
Tot Ion:202 Resp: 86484

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.0

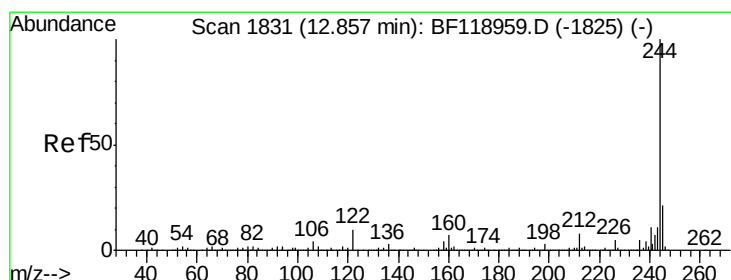
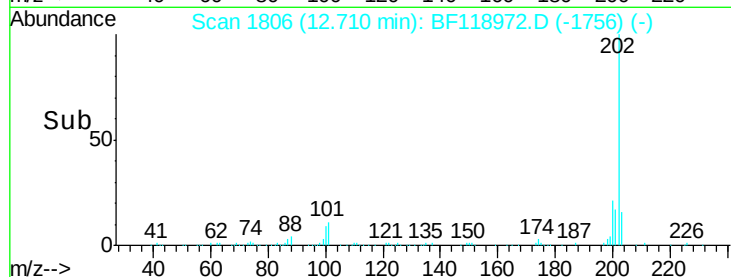
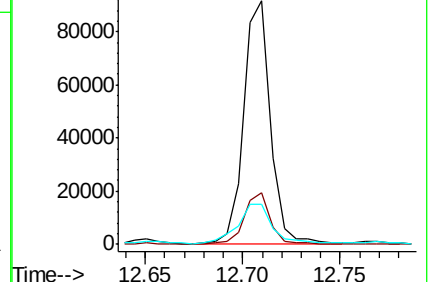
203 16.3 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 66.978 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

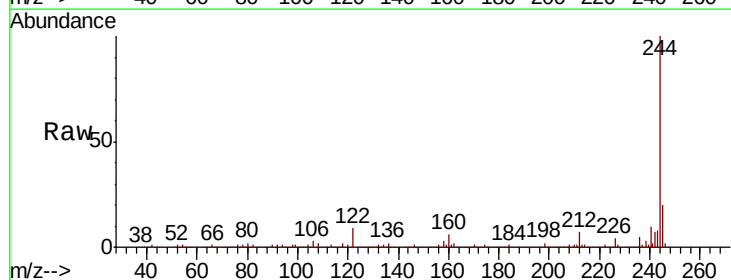
Tgt Ion:244 Resp: 1688044

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

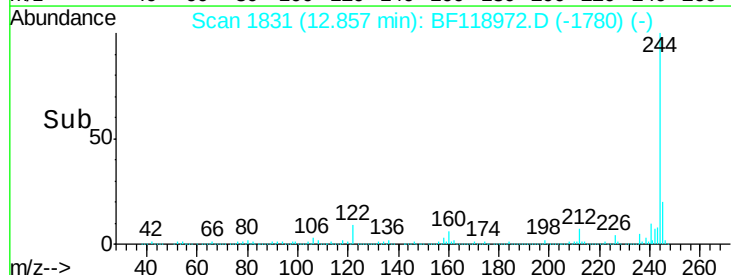
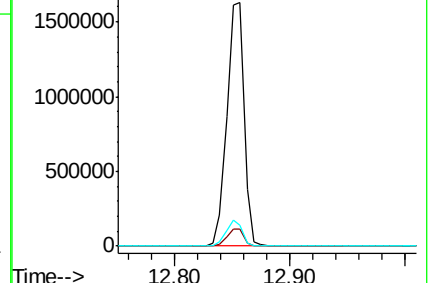
122 8.6 8.4 12.6

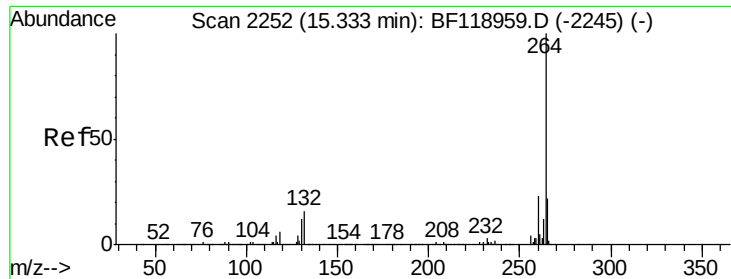


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BF118972.D
 Acq: 20 Feb 2020 21:40

Instrument :
 BNA_F
 ClientSampleId :
 INDIAN-ISLAND-(11)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.6	17.3	25.9

