

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
 Data File : BF118671.D
 Acq On : 22 Jan 2020 19:13
 Operator : CG/JU
 Sample : L1216-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Time: Jan 23 07:11:09 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

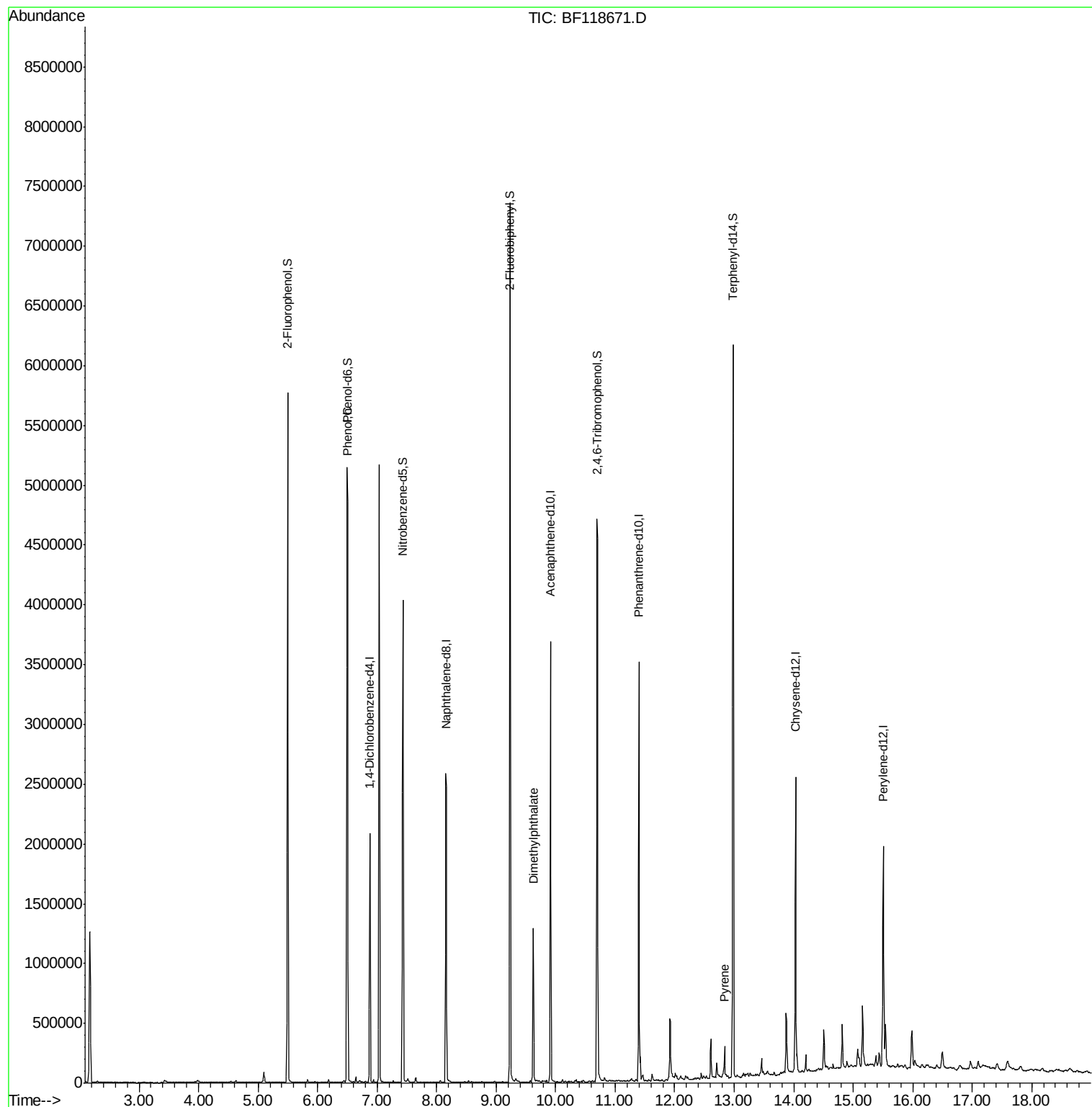
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	335419	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1257483	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	704282	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1254938	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	773954	20.00	ng	-0.01
87) Perylene-d12	15.51	264	935551	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1639618	90.79	ng	0.00
7) Phenol-d6	6.50	99	2074211	88.36	ng	-0.01
23) Nitrobenzene-d5	7.43	82	1334668	59.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	685855	84.20	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	2369489	55.30	ng	-0.01
79) Terphenyl-d14	12.98	244	2287976	64.48	ng	-0.01
Target Compounds						
10) Phenol	6.51	94	75051	2.806	ng	93
50) Dimethylphthalate	9.63	163	564897	12.311	ng	97
78) Pyrene	12.84	202	106905	2.035	ng	# 89

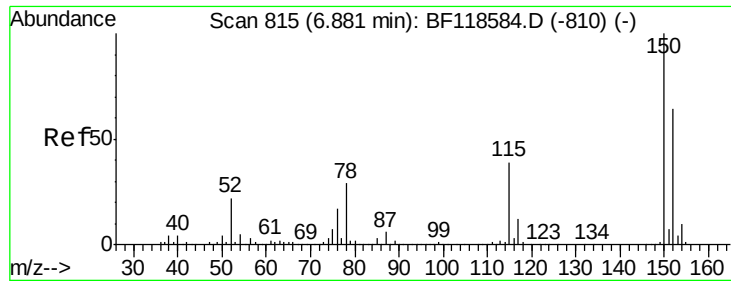
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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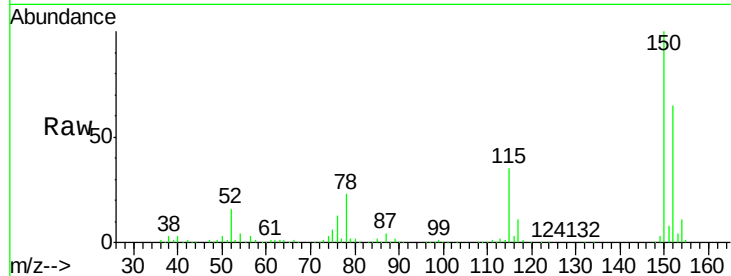


#1

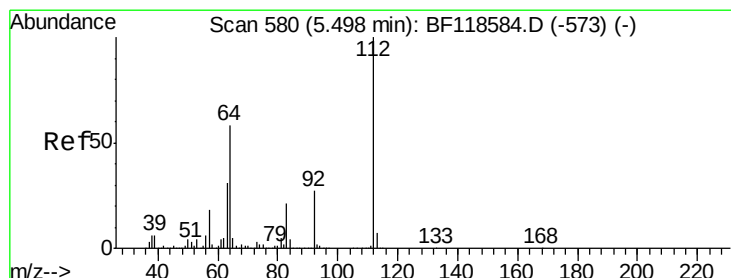
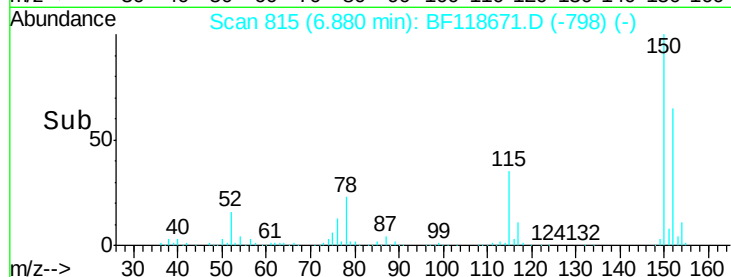
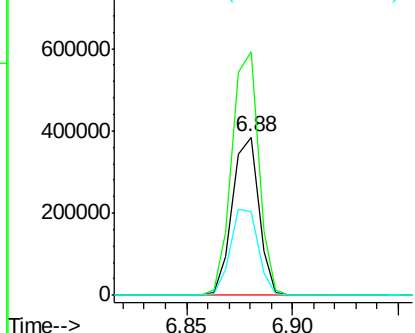
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF118671.D
Acq: 22 Jan 2020 19:13

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion:152 Resp: 335419
Ion Ratio Lower Upper
152 100
150 153.7 125.6 188.4
115 53.1 48.4 72.6



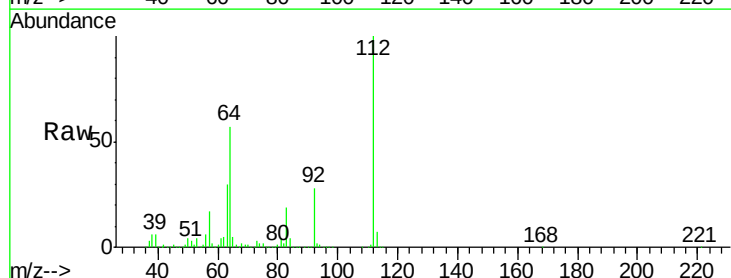
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



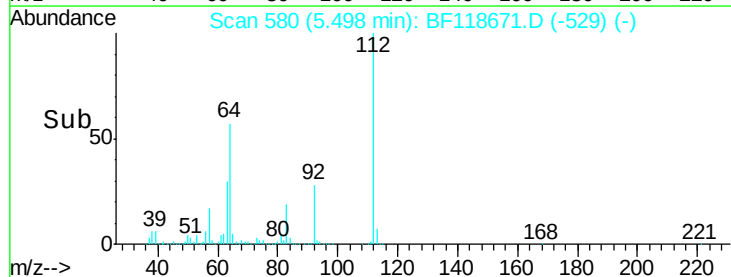
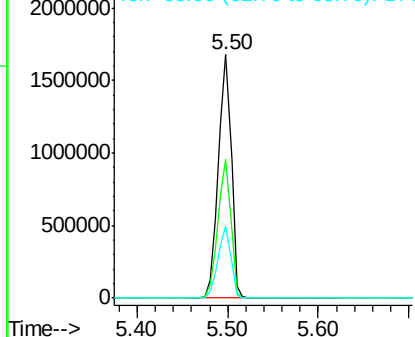
#5

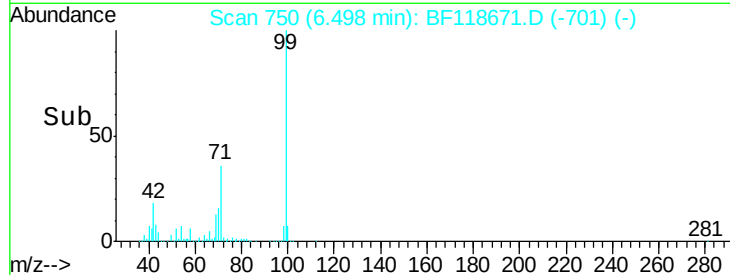
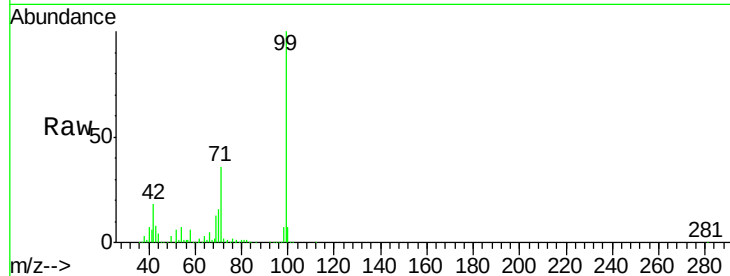
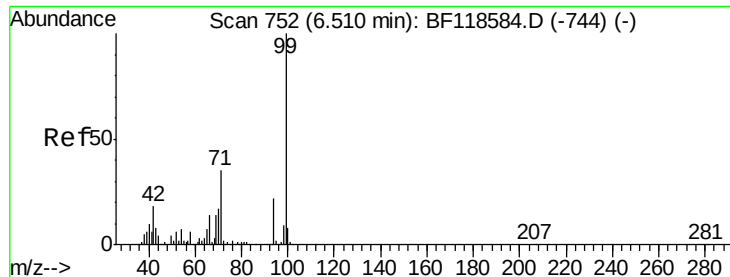
2-Fluorophenol
Concen: 90.788 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF118671.D
Acq: 22 Jan 2020 19:13

Tgt Ion:112 Resp: 1639618
Ion Ratio Lower Upper
112 100
64 57.2 46.6 70.0
63 29.8 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



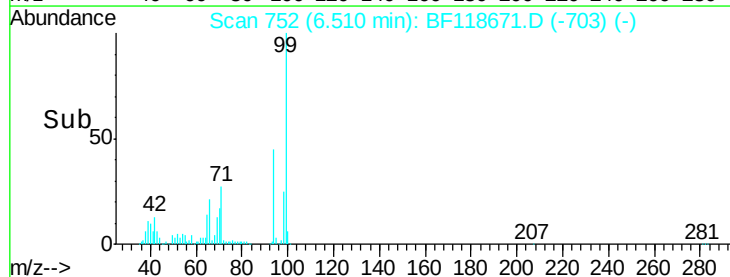
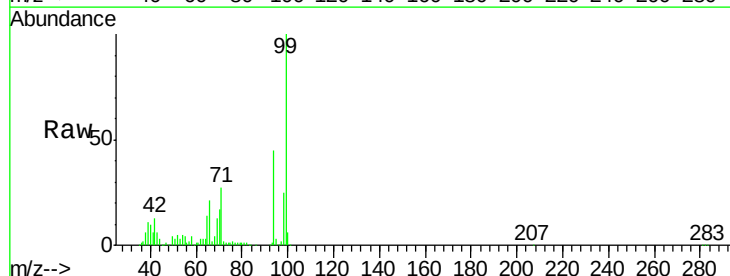
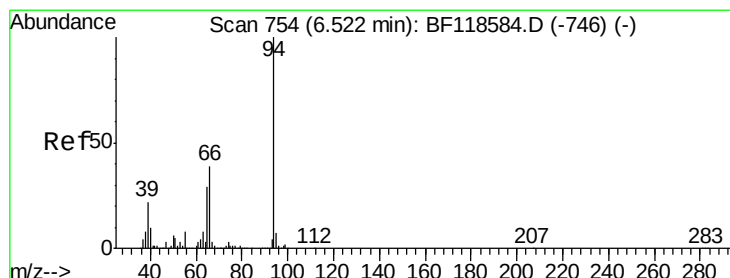
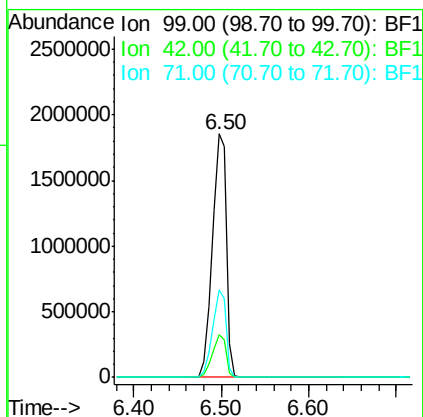


#7
Phenol-d6
Concen: 88.365 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF118671.D
Acq: 22 Jan 2020 19:13

Tot Ion: 99 Resp: 2074211

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.2	21.2
71	35.7	27.8	41.6

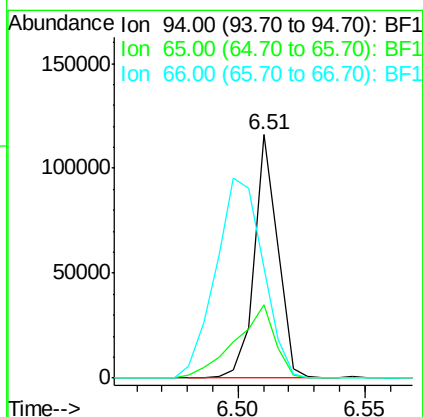
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

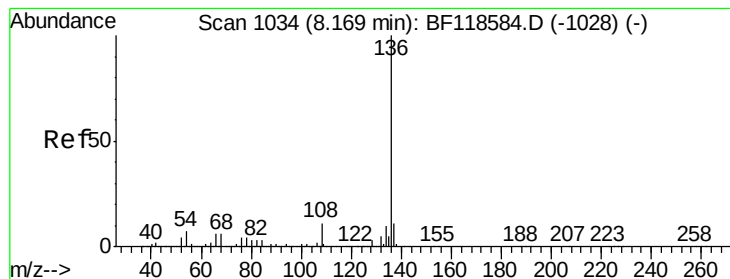


#10
Phenol
Concen: 2.806 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF118671.D
Acq: 22 Jan 2020 19:13

Tgt Ion: 94 Resp: 75051

Ion	Ratio	Lower	Upper
94	100		
65	29.9	9.5	49.5
66	45.4	18.5	58.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118671.D

Acq: 22 Jan 2020 19:13

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

Tot Ion:136 Resp: 1257483

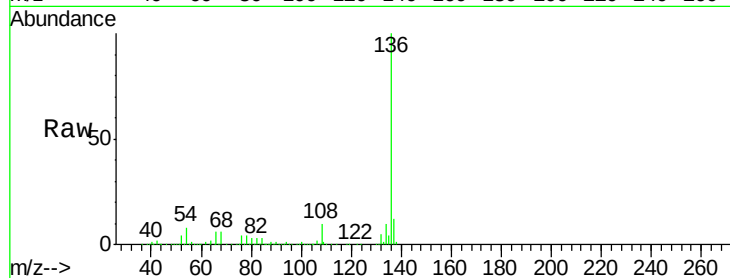
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 7.5 5.8 8.6

68 6.5 5.0 7.4

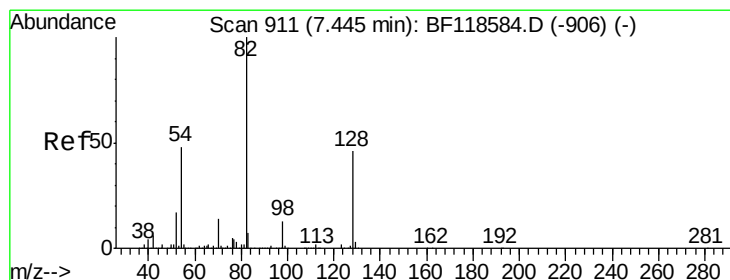
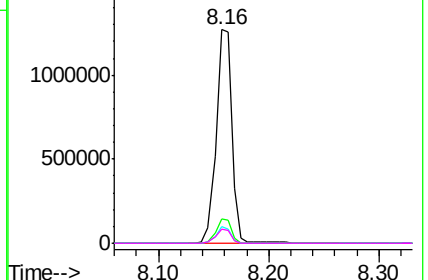
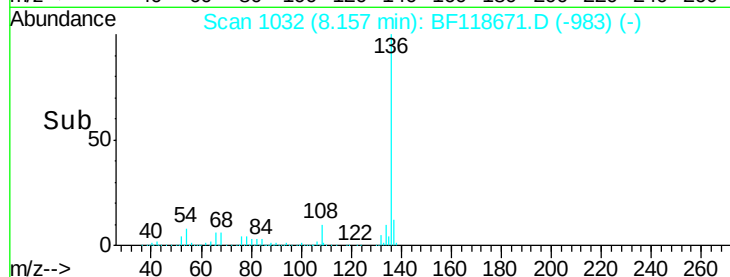


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.367 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF118671.D

Acq: 22 Jan 2020 19:13

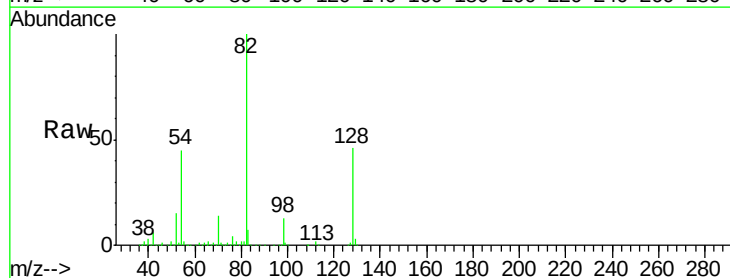
Tgt Ion: 82 Resp: 1334668

Ion Ratio Lower Upper

82 100

128 45.8 36.6 54.8

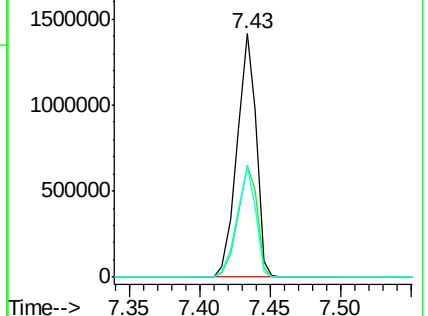
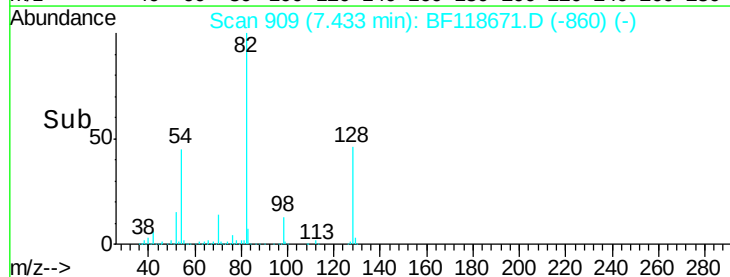
54 45.2 38.0 57.0

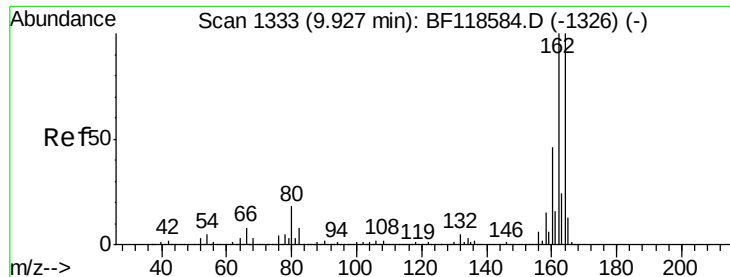


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

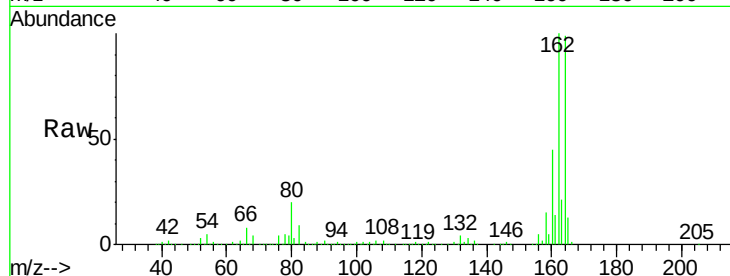




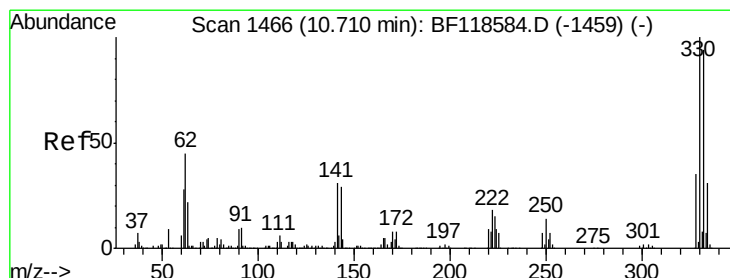
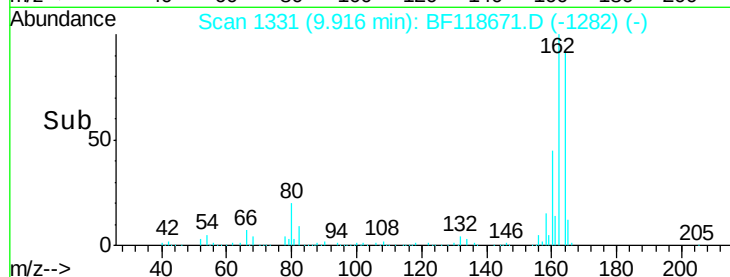
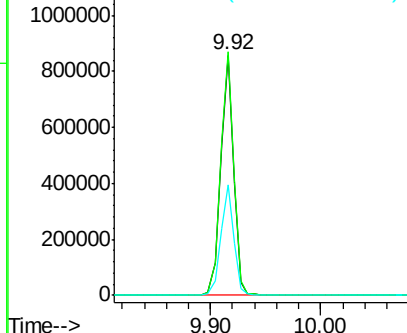
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF118671.D
 Acq: 22 Jan 2020 19:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.4	120.6
160	45.9	36.6	55.0

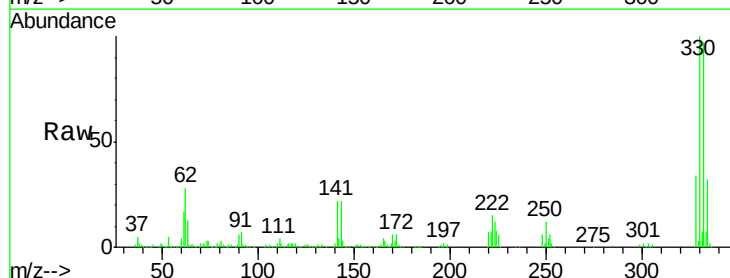


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

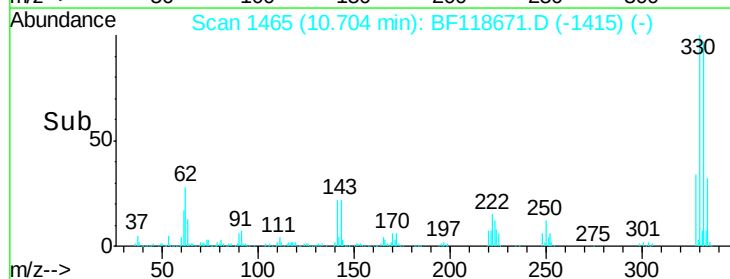
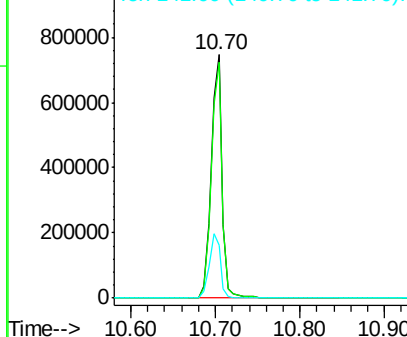


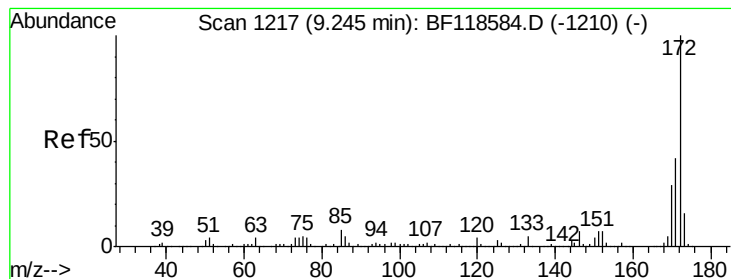
#42
 2,4,6-Tribromophenol
 Concen: 84.196 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118671.D
 Acq: 22 Jan 2020 19:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.2	114.4
141	27.3	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: 55.298 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF118671.D

Acq: 22 Jan 2020 19:13

Instrument :

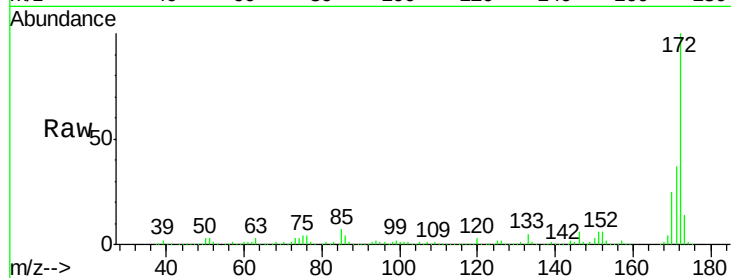
BNA_F

ClientSampleId :

SB-02-COMP

Tot Ion:172 Resp: 2369489

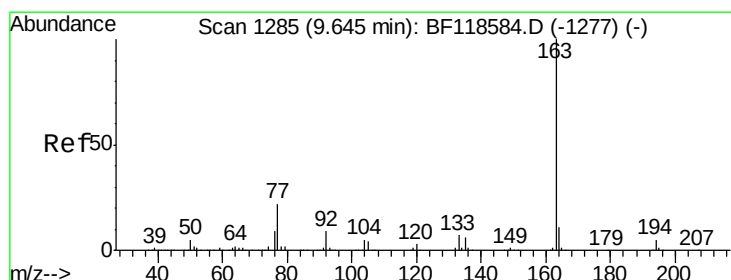
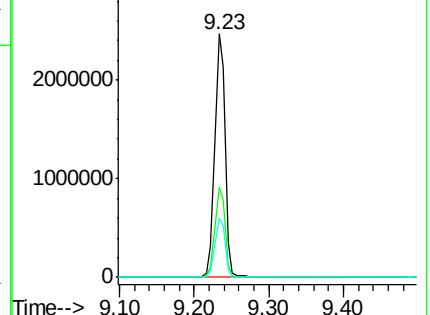
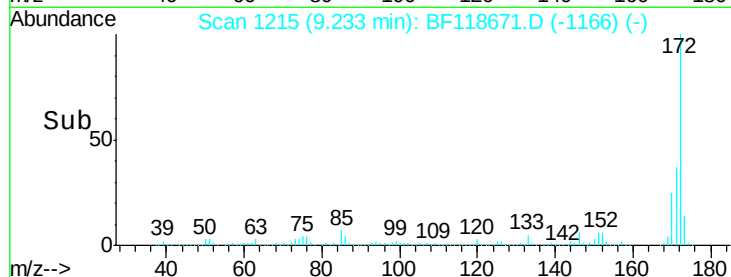
Ion	Ratio	Lower	Upper
172	100		
171	37.0	33.4	50.2
170	24.6	23.2	34.8



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: 12.311 ng

RT: 9.63 min Scan# 1282

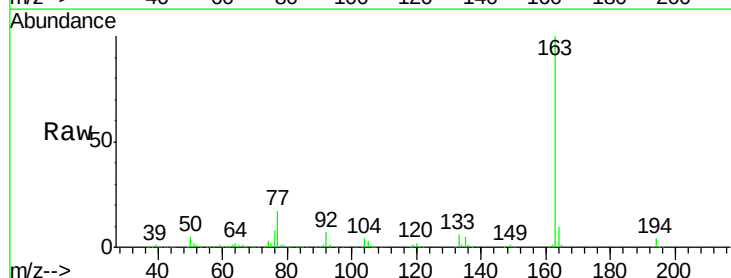
Delta R.T. -0.02 min

Lab File: BF118671.D

Acq: 22 Jan 2020 19:13

Tgt Ion:163 Resp: 564897

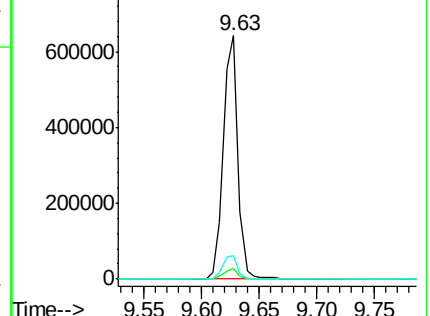
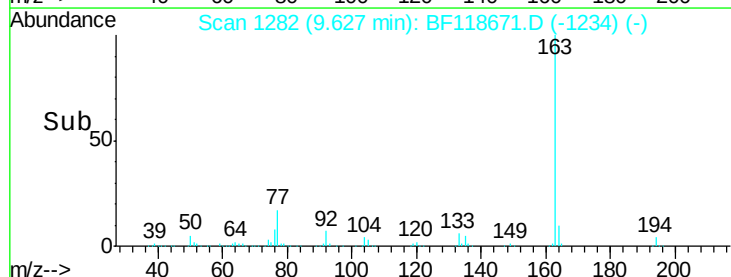
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.9	5.9
164	9.8	9.1	13.7

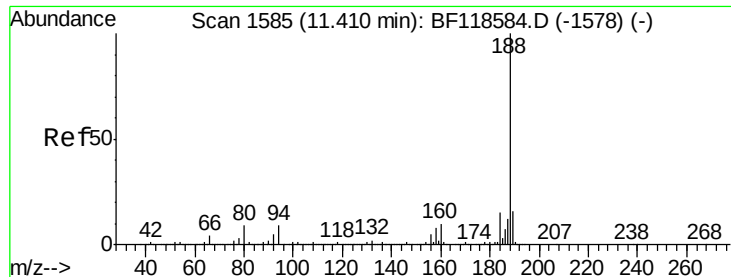


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

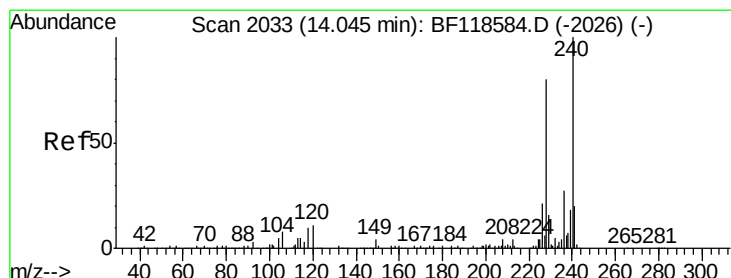
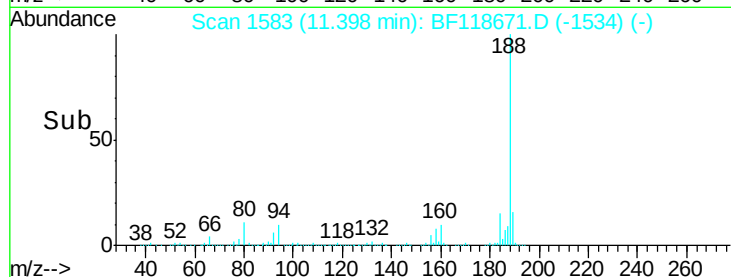
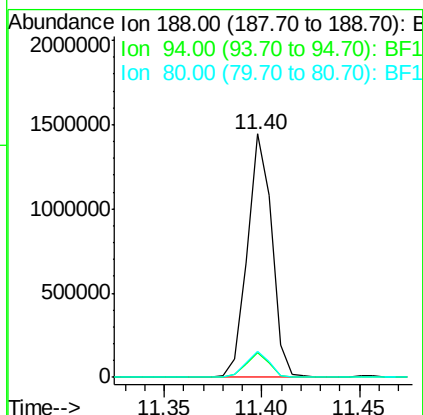
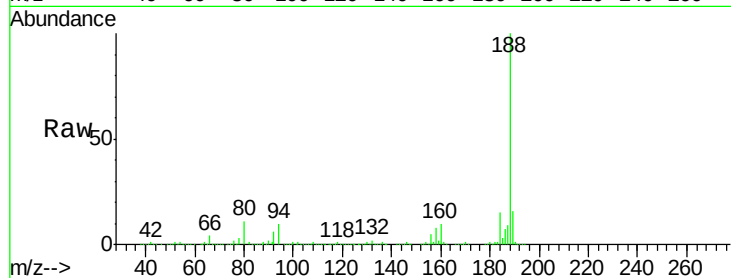




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118671.D
Acq: 22 Jan 2020 19:13

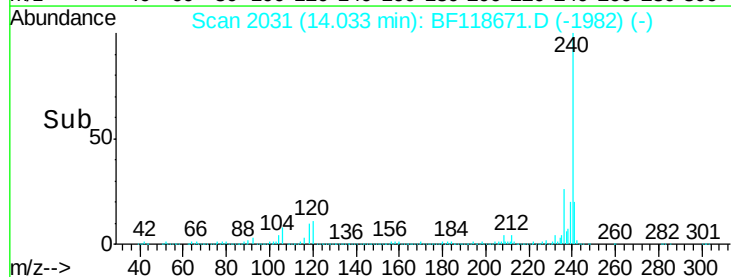
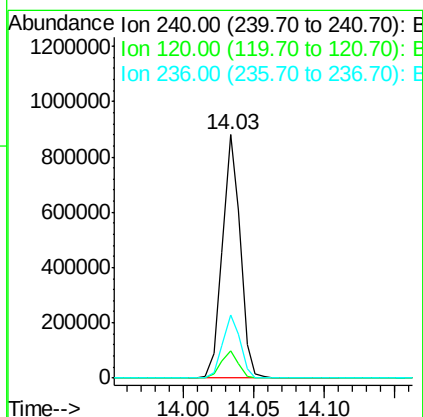
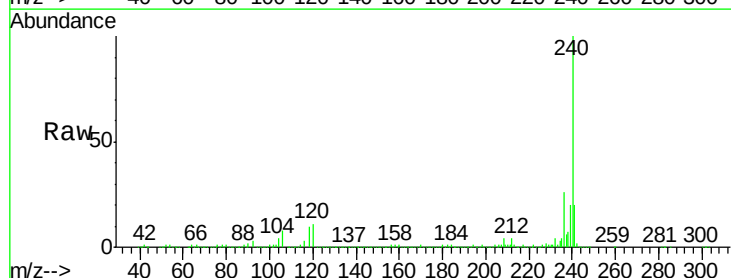
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

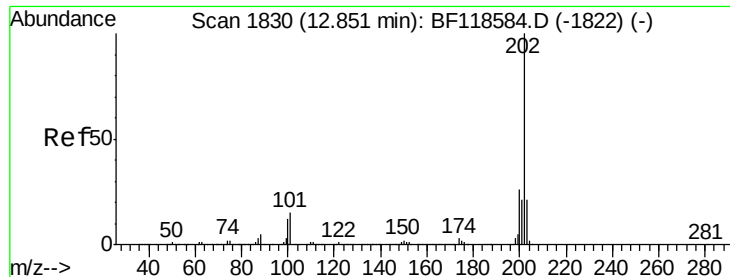
Tot Ion:188 Resp: 1254938
Ion Ratio Lower Upper
188 100
94 10.0 7.1 10.7
80 10.6 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118671.D
Acq: 22 Jan 2020 19:13

Tgt Ion:240 Resp: 773954
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 26.0 21.5 32.3





#78

Pvrene

Concen: 2.035 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF118671.D

Acq: 22 Jan 2020 19:13

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

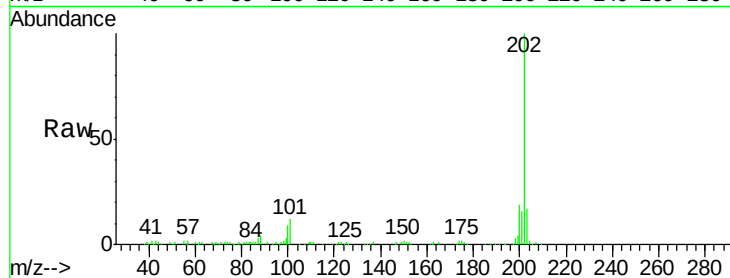
Tot Ion:202 Resp: 106905

Ion Ratio Lower Upper

202 100

200 19.3 20.6 31.0#

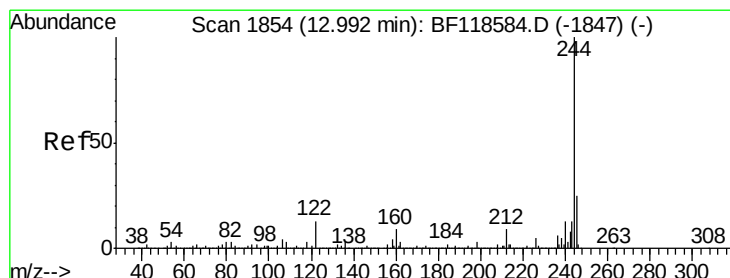
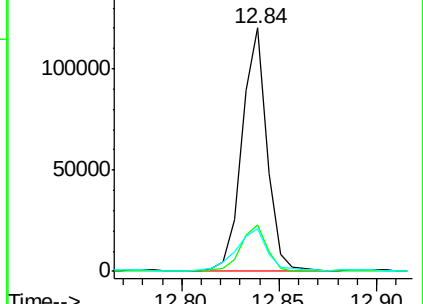
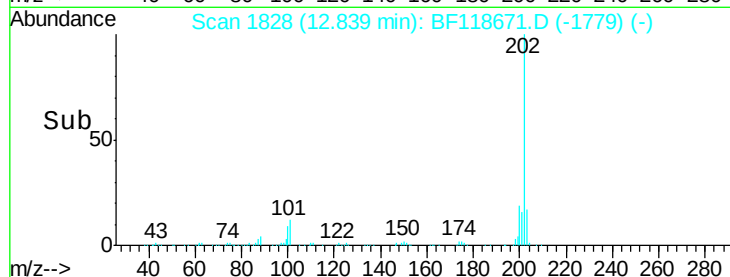
203 17.3 16.8 25.2



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: 64.478 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118671.D

Acq: 22 Jan 2020 19:13

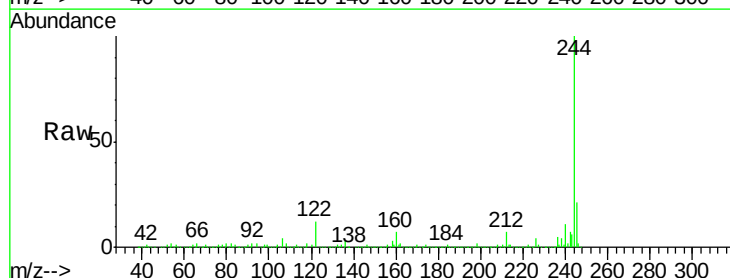
Tgt Ion:244 Resp: 2287976

Ion Ratio Lower Upper

244 100

212 6.9 7.0 10.4#

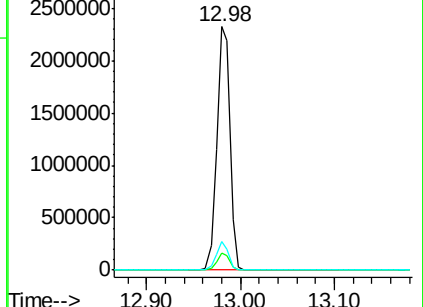
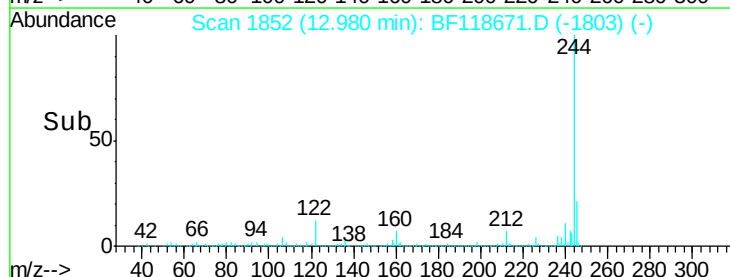
122 11.5 10.7 16.1

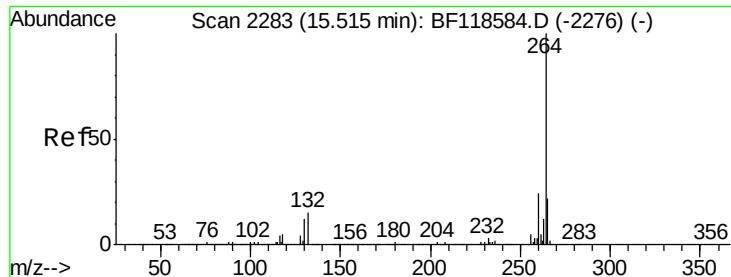


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118671.D
Acq: 22 Jan 2020 19:13

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion:264 Resp: 935551
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 21.9 17.7 26.5

