

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119201.D
 Acq On : 4 Mar 2020 18:23
 Operator : CG/JU
 Sample : L1759-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-030320

Quant Time: Mar 05 05:59:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

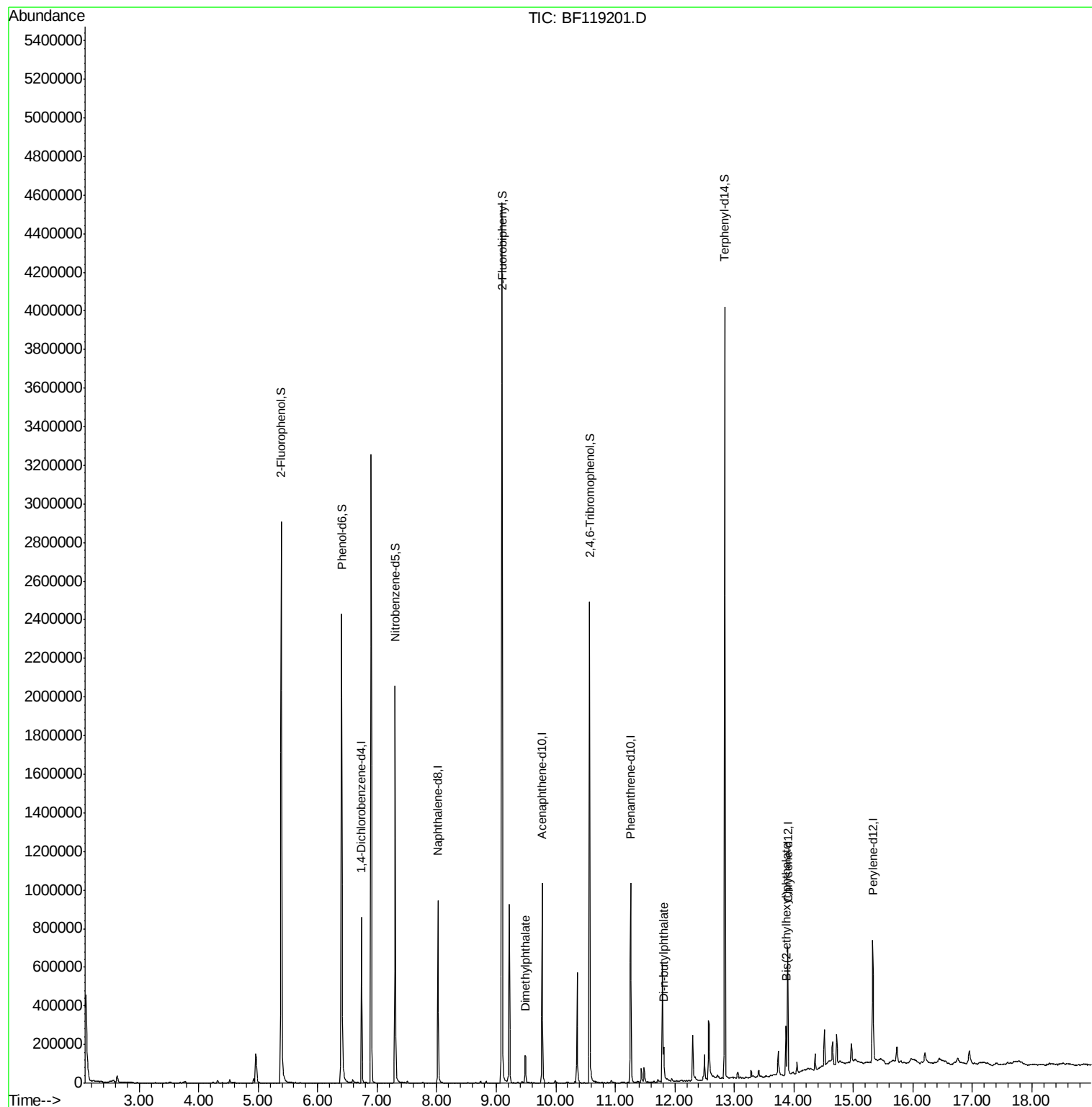
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	126286	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	465760	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	234677	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	363197	20.00	ng	0.00
76) Chrysene-d12	13.90	240	238410	20.00	ng	0.00
87) Perylene-d12	15.33	264	278346	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	879867	116.44	ng	0.02
7) Phenol-d6	6.40	99	950982	103.48	ng	0.00
23) Nitrobenzene-d5	7.30	82	775724	87.94	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	353119	115.02	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1493131	93.73	ng	-0.01
79) Terphenyl-d14	12.84	244	1388893	100.30	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.49	163	66915	3.729	ng	96
74) Di-n-butylphthalate	11.82	149	65017	3.045	ng	# 97
84) Bis(2-ethylhexyl)phthalate	13.87	149	78123	7.675	ng	# 97

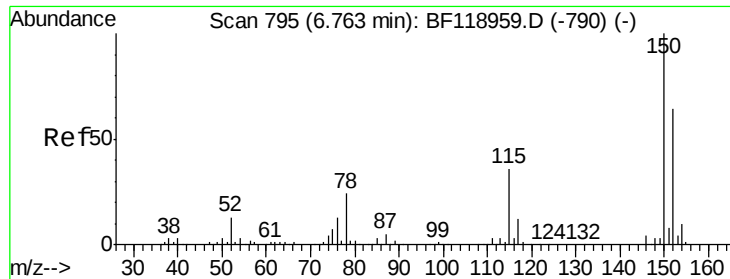
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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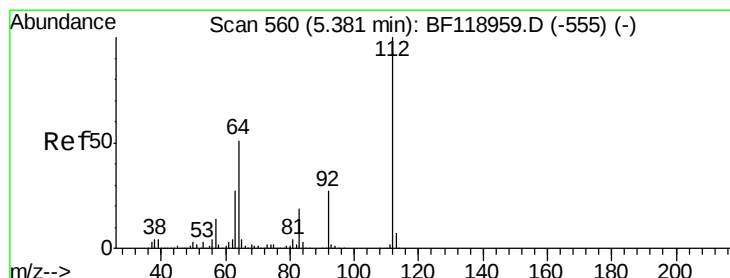
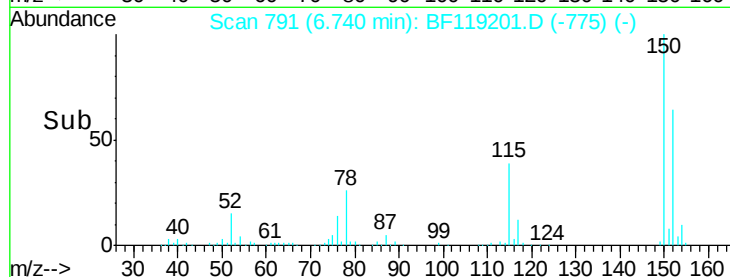
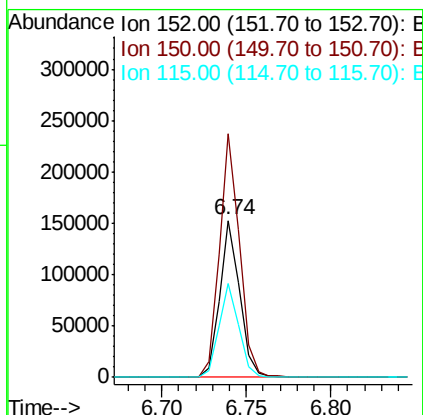
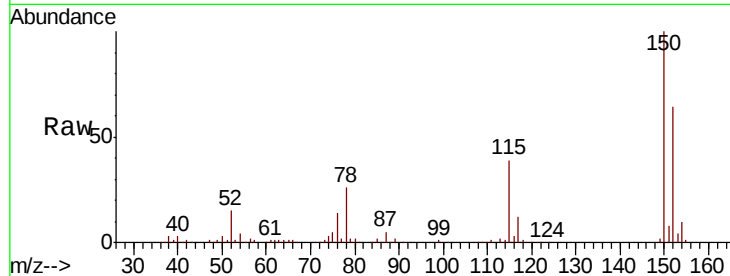


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119201.D
Acq: 4 Mar 2020 18:23

Instrument :
BNA_F
ClientSampleId :
OR-02-030320

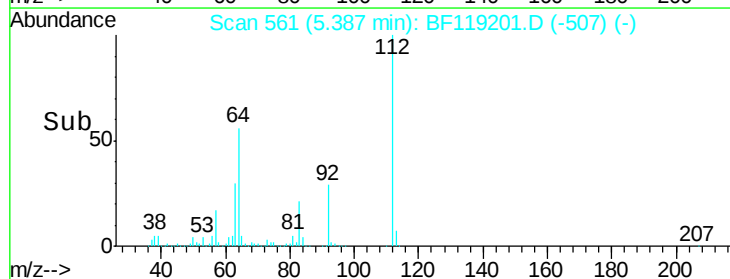
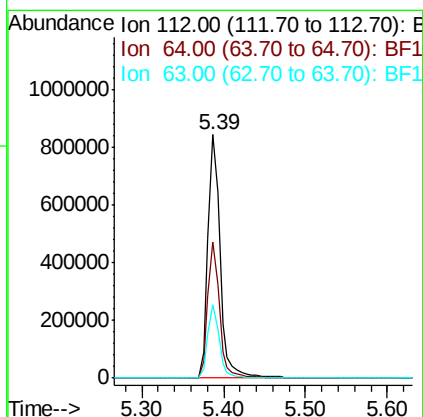
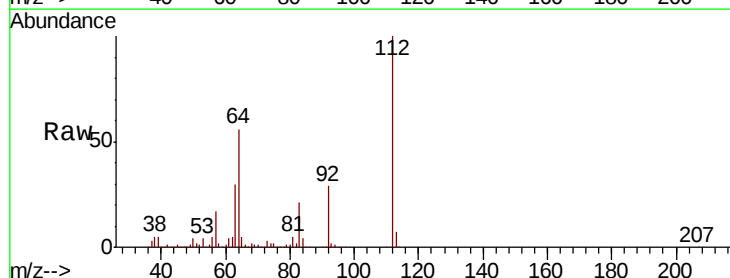
Tot Ion:152 Resp: 126286
Ion Ratio Lower Upper
152 100
150 155.2 123.0 184.6
115 60.2 49.5 74.3

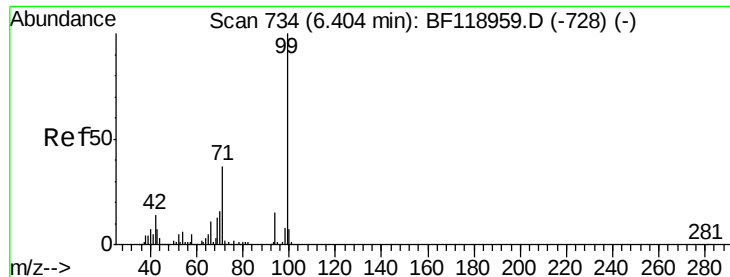


#5

2-Fluorophenol
Concen: 116.435 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.02 min
Lab File: BF119201.D
Acq: 4 Mar 2020 18:23

Tgt Ion:112 Resp: 879867
Ion Ratio Lower Upper
112 100
64 56.1 45.0 67.4
63 30.4 24.2 36.4





#7

Phenol-d6

Concen: 103.476 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF119201.D

Acq: 4 Mar 2020 18:23

Instrument :

BNA_F

ClientSampleId :

OR-02-030320

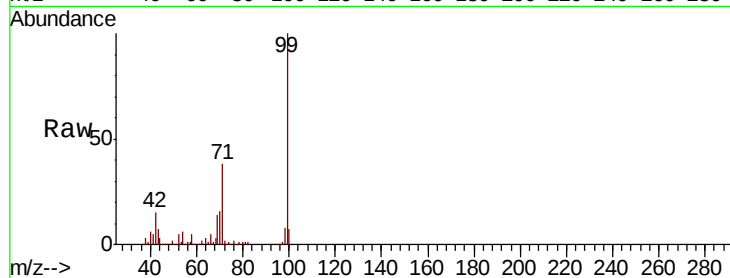
Tot Ion: 99 Resp: 950982

Ion Ratio Lower Upper

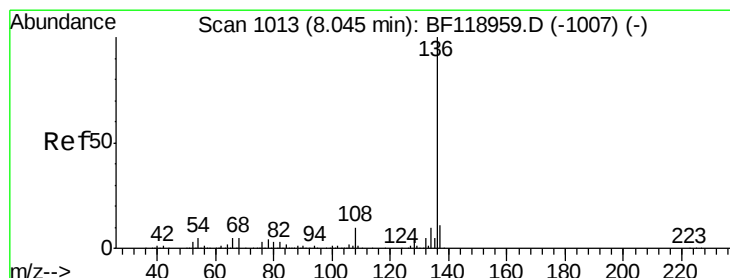
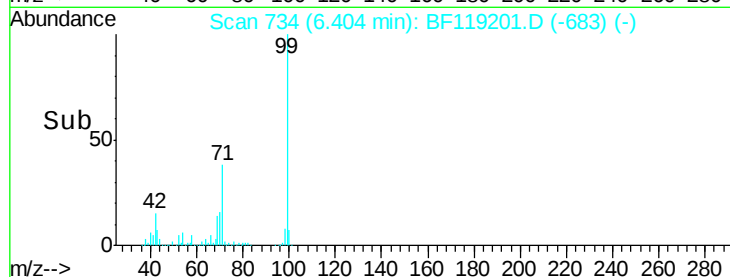
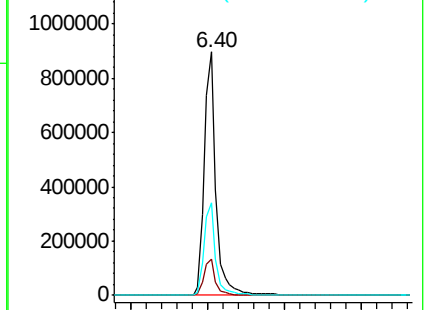
99 100

42 14.9 12.6 18.8

71 38.3 31.0 46.4



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: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119201.D

Acq: 4 Mar 2020 18:23

Tgt Ion: 136 Resp: 465760

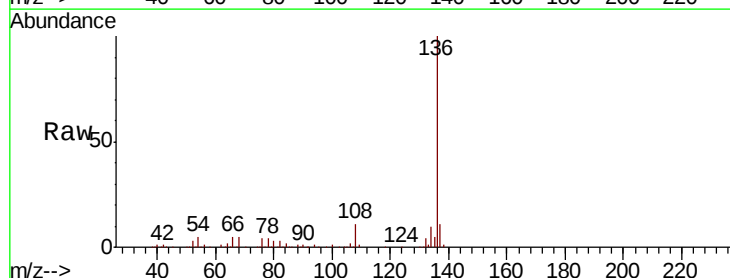
Ion Ratio Lower Upper

136 100

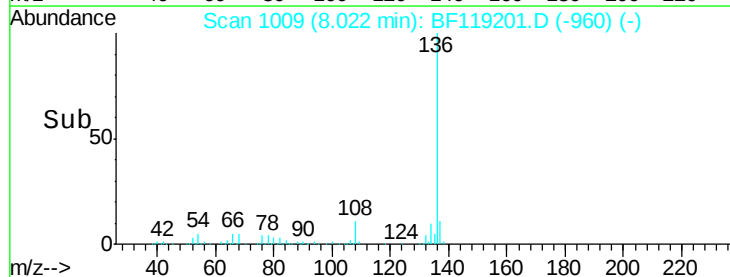
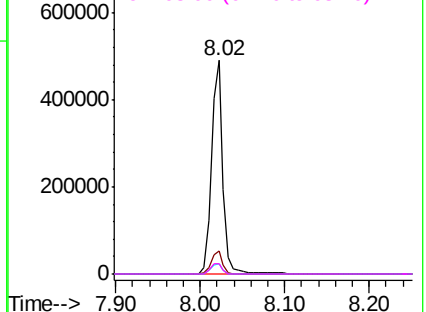
137 10.8 8.8 13.2

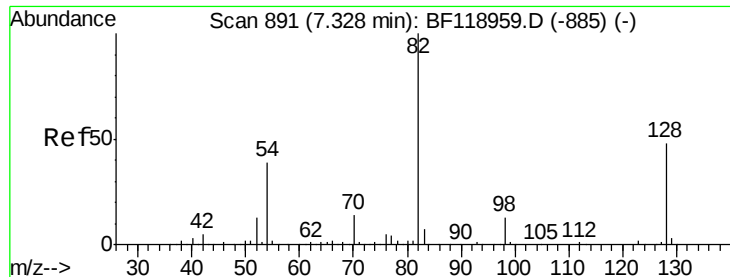
54 4.8 3.8 5.6

68 4.7 3.9 5.9



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

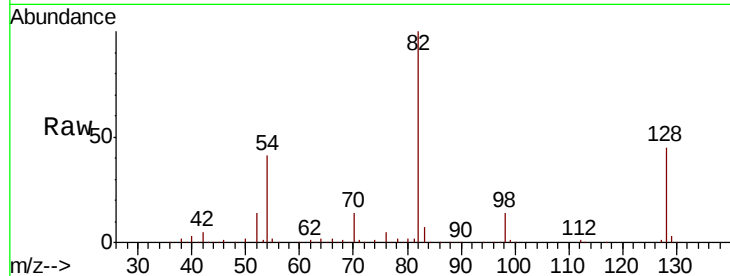




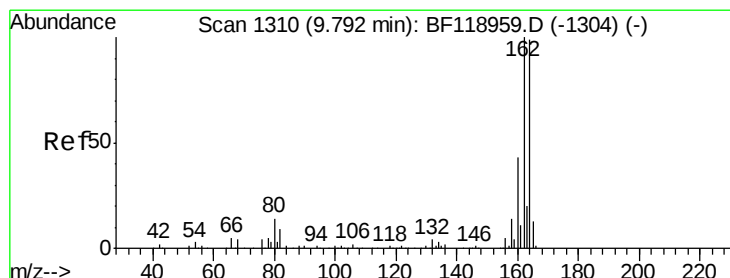
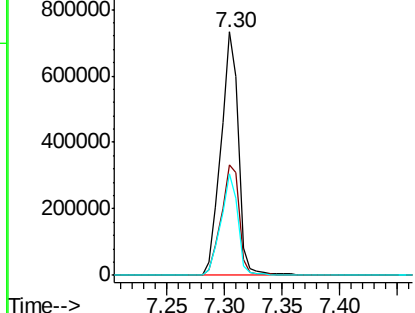
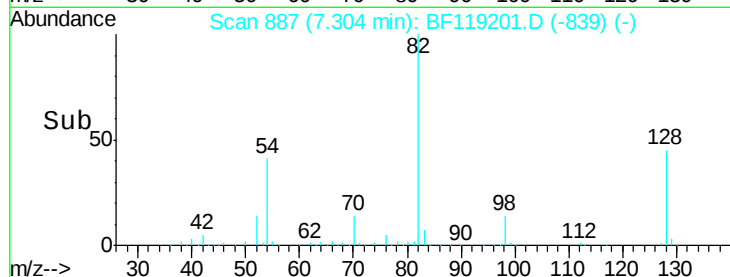
#23
 Nitrobenzene-d5
 Concen: 87.939 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF119201.D
 Acq: 4 Mar 2020 18:23

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-030320

Tot Ion: 82 Resp: 775724
 Ion Ratio Lower Upper
 82 100
 128 45.2 37.9 56.9
 54 41.5 33.4 50.2

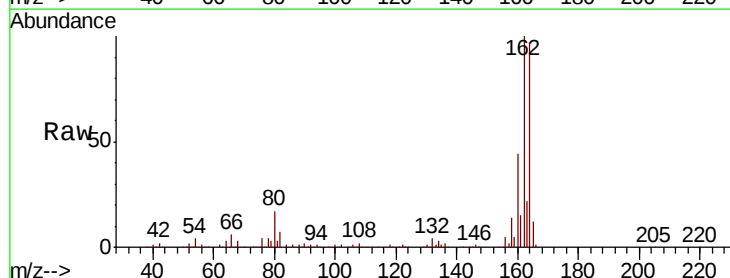


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

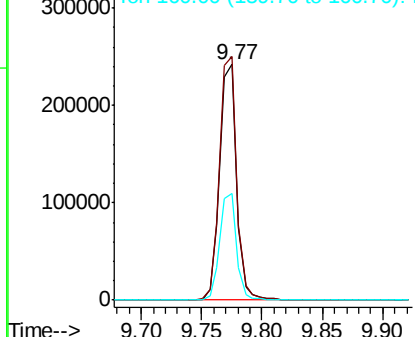
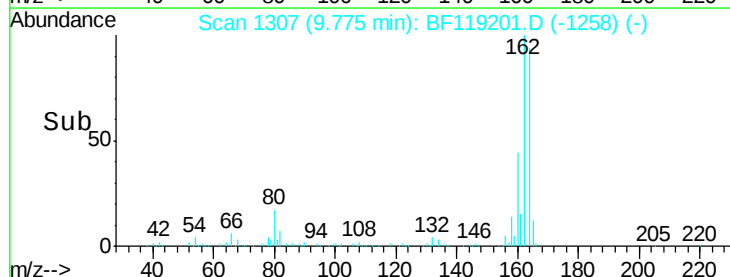


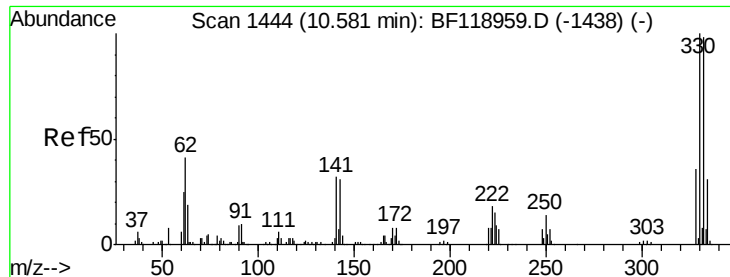
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119201.D
 Acq: 4 Mar 2020 18:23

Tgt Ion: 164 Resp: 234677
 Ion Ratio Lower Upper
 164 100
 162 103.2 81.8 122.8
 160 45.0 36.0 54.0



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: 115.024 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF119201.D

Acq: 4 Mar 2020 18:23

Instrument :

BNA_F

ClientSampleId :

OR-02-030320

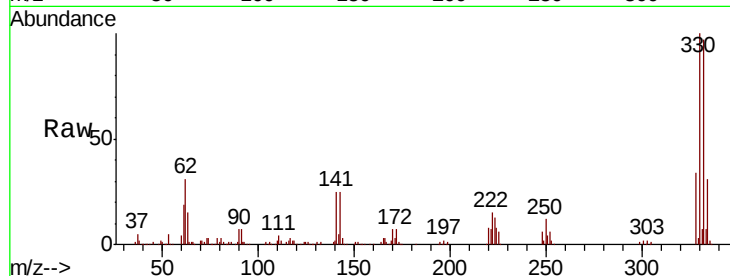
Tot Ion:330 Resp: 353119

Ion Ratio Lower Upper

330 100

332 96.2 76.0 114.0

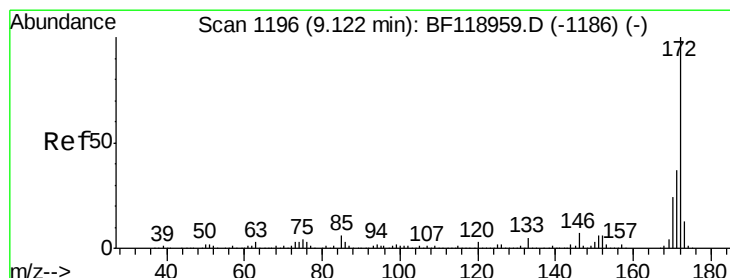
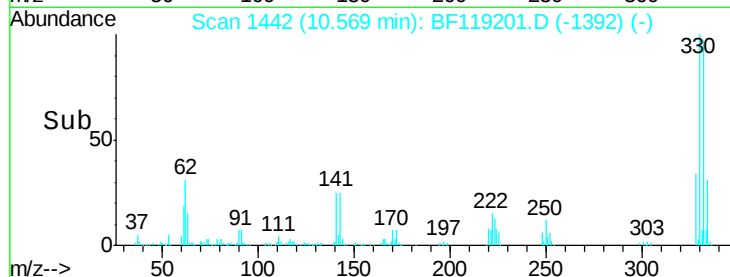
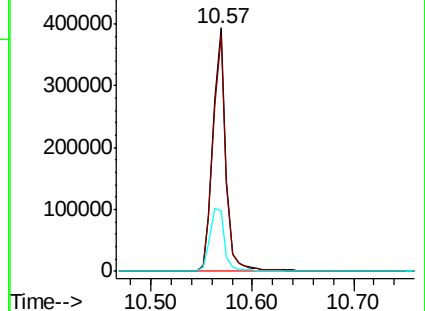
141 29.7 22.9 34.3



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: 93.730 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF119201.D

Acq: 4 Mar 2020 18:23

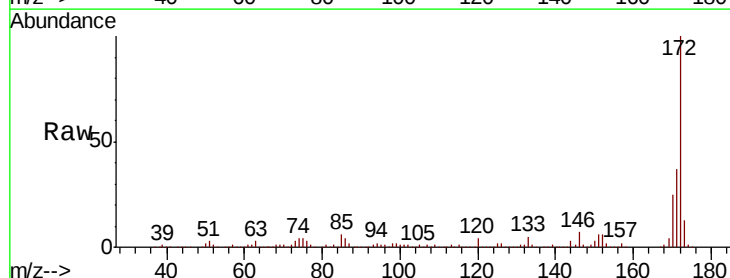
Tgt Ion:172 Resp: 1493131

Ion Ratio Lower Upper

172 100

171 37.2 30.6 45.8

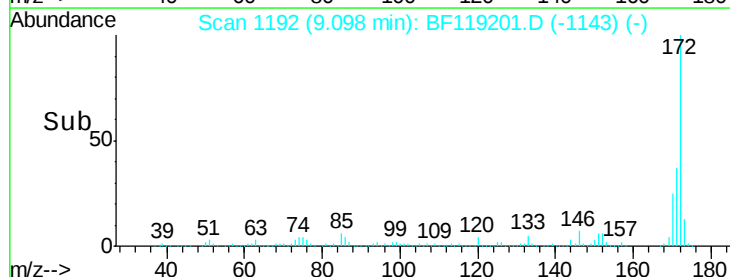
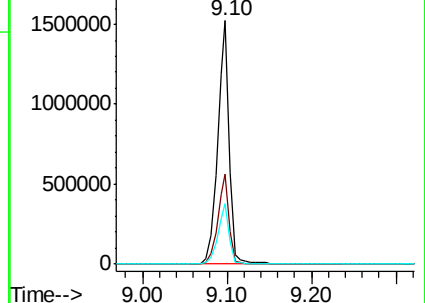
170 24.7 20.2 30.2

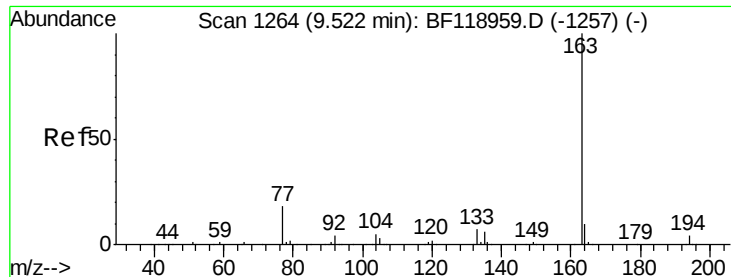


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

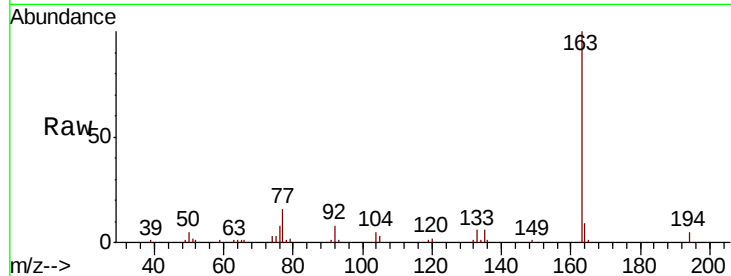




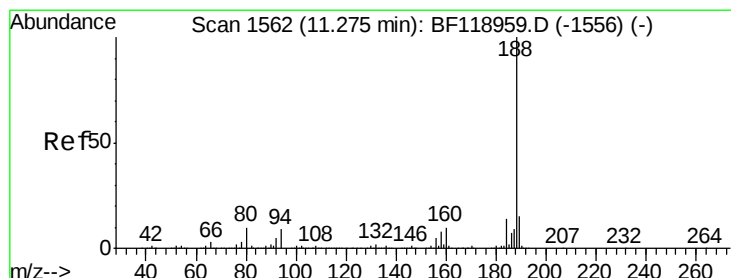
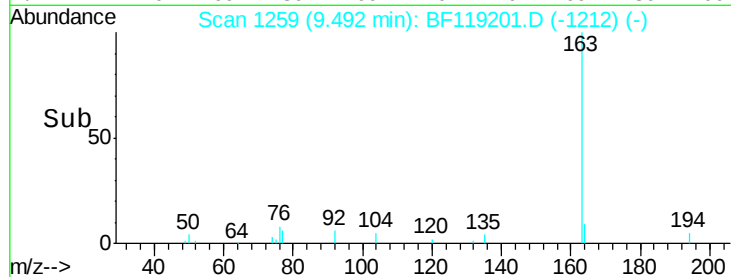
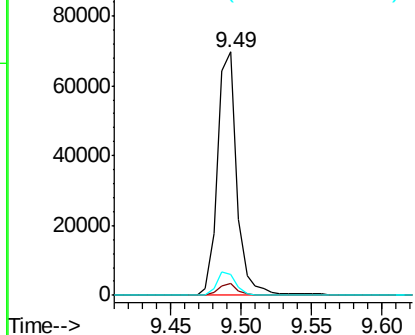
#50
Dimethylphthalate
Concen: 3.729 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119201.D
Acq: 4 Mar 2020 18:23

Instrument :
BNA_F
ClientSampleId :
OR-02-030320

Tot Ion:163 Resp: 66915
Ion Ratio Lower Upper
163 100
194 4.9 3.5 5.3
164 8.6 8.4 12.6

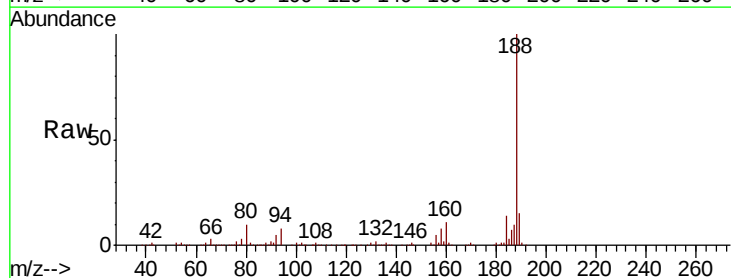


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

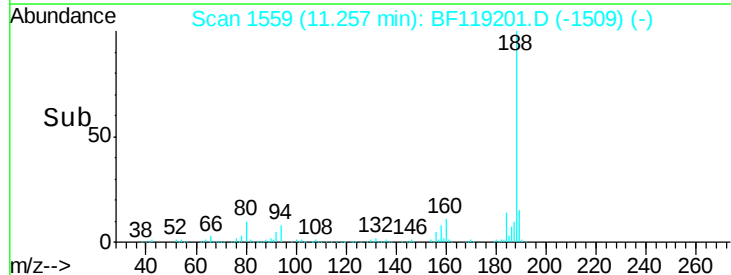
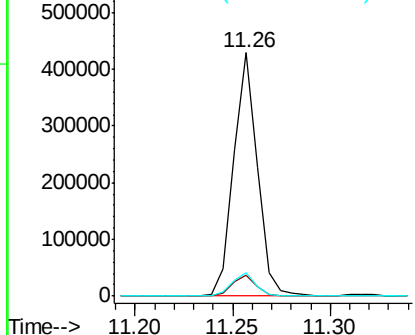


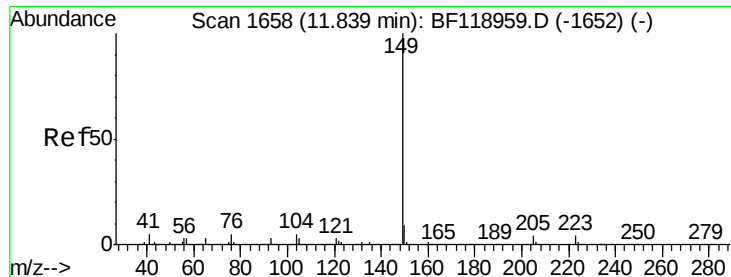
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119201.D
Acq: 4 Mar 2020 18:23

Tgt Ion:188 Resp: 363197
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.6 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

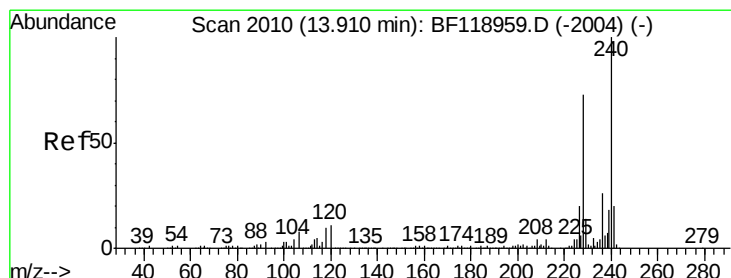
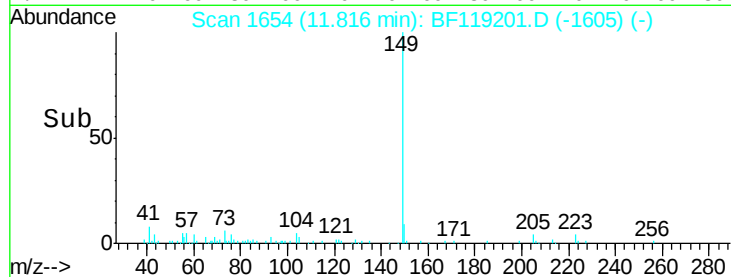
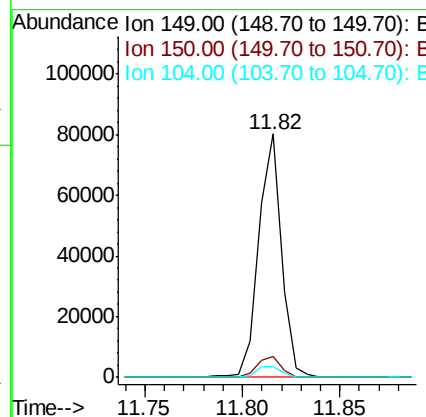
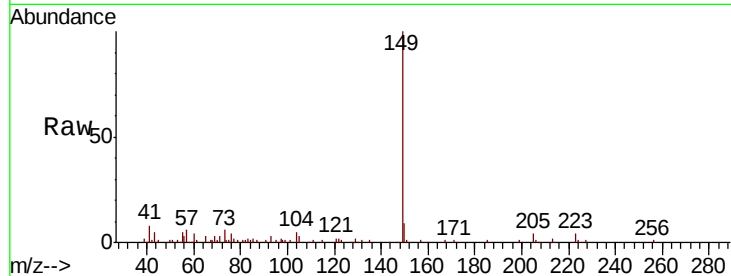




#74
Di-n-butylphthalate
Concen: 3.045 ng
RT: 11.82 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BF119201.D
Acq: 4 Mar 2020 18:23

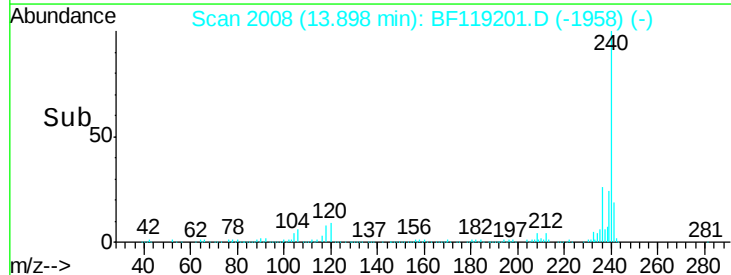
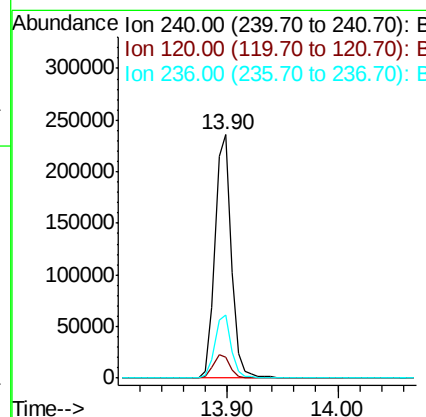
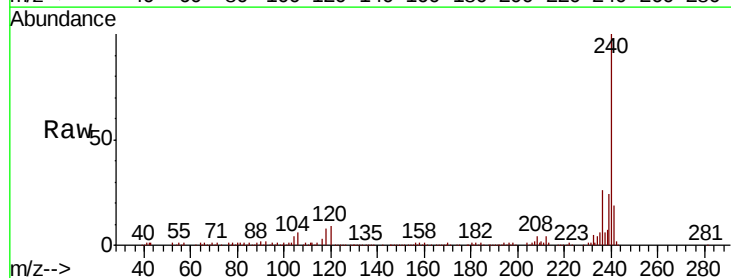
Instrument :
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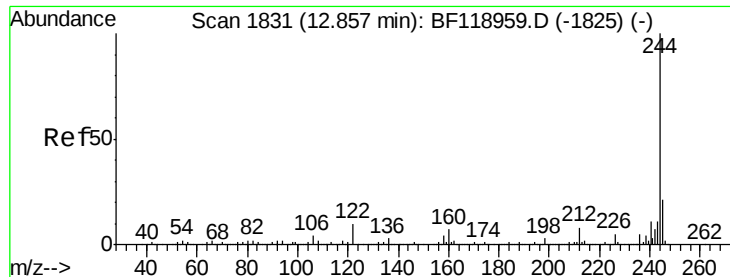
Tot Ion:149 Resp: 65017
Ion Ratio Lower Upper
149 100
150 8.7 7.9 11.9
104 4.5 4.6 6.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119201.D
Acq: 4 Mar 2020 18:23

Tgt Ion:240 Resp: 238410
Ion Ratio Lower Upper
240 100
120 8.7 8.4 12.6
236 25.9 21.0 31.4





#79

Terphenyl-d14

Concen: 100.299 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119201.D

Acq: 4 Mar 2020 18:23

Instrument :

BNA_F

ClientSampleId :

OR-02-030320

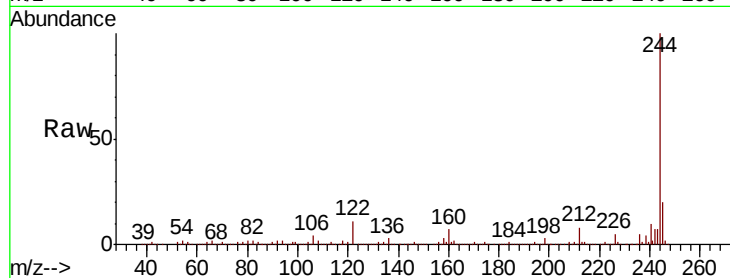
Tot Ion:244 Resp: 1388893

Ion Ratio Lower Upper

244 100

212 7.6 6.6 10.0

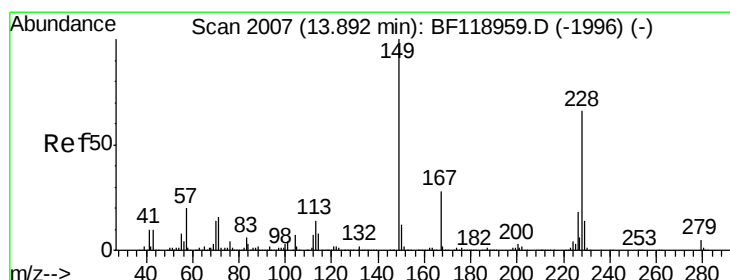
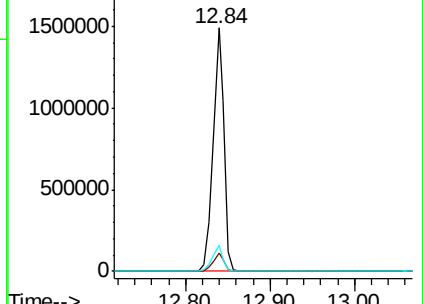
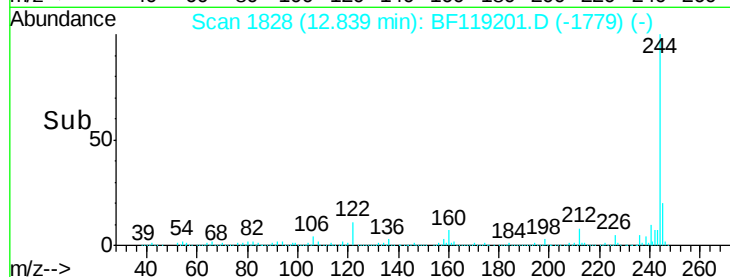
122 10.6 8.2 12.2



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.675 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF119201.D

Acq: 4 Mar 2020 18:23

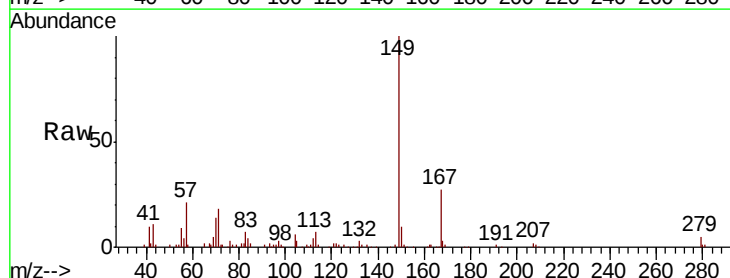
Tgt Ion:149 Resp: 78123

Ion Ratio Lower Upper

149 100

167 27.0 22.8 34.2

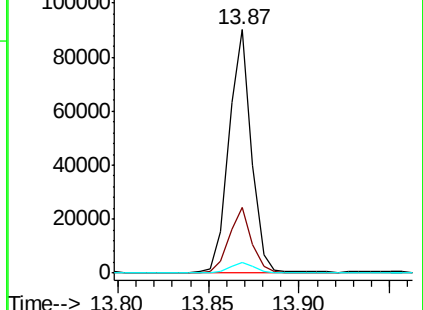
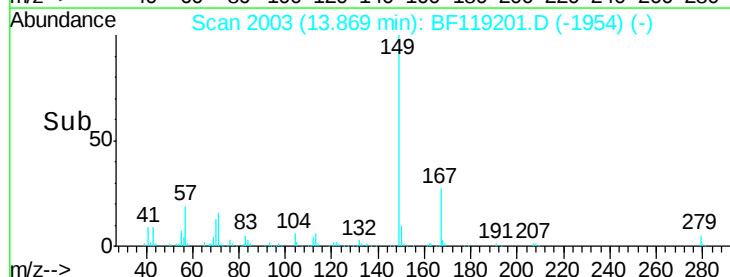
279 4.5 4.6 6.8#

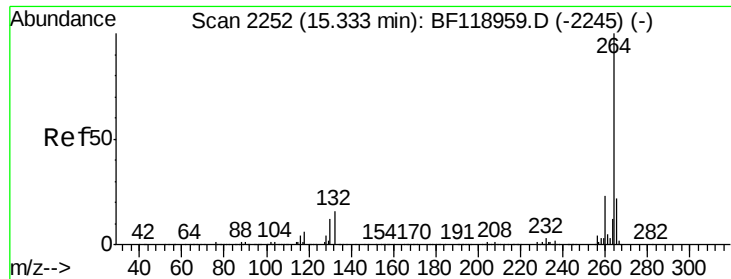


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119201.D
Acq: 4 Mar 2020 18:23

Instrument :
BNA_F
ClientSampleId :
OR-02-030320

Tot Ion:264 Resp: 278346
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 21.9 17.7 26.5

