

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119797.D
 Acq On : 7 Apr 2020 3:33
 Operator : MA/SJ
 Sample : L2108-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-70-71-COMP

Quant Time: Apr 07 04:33:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

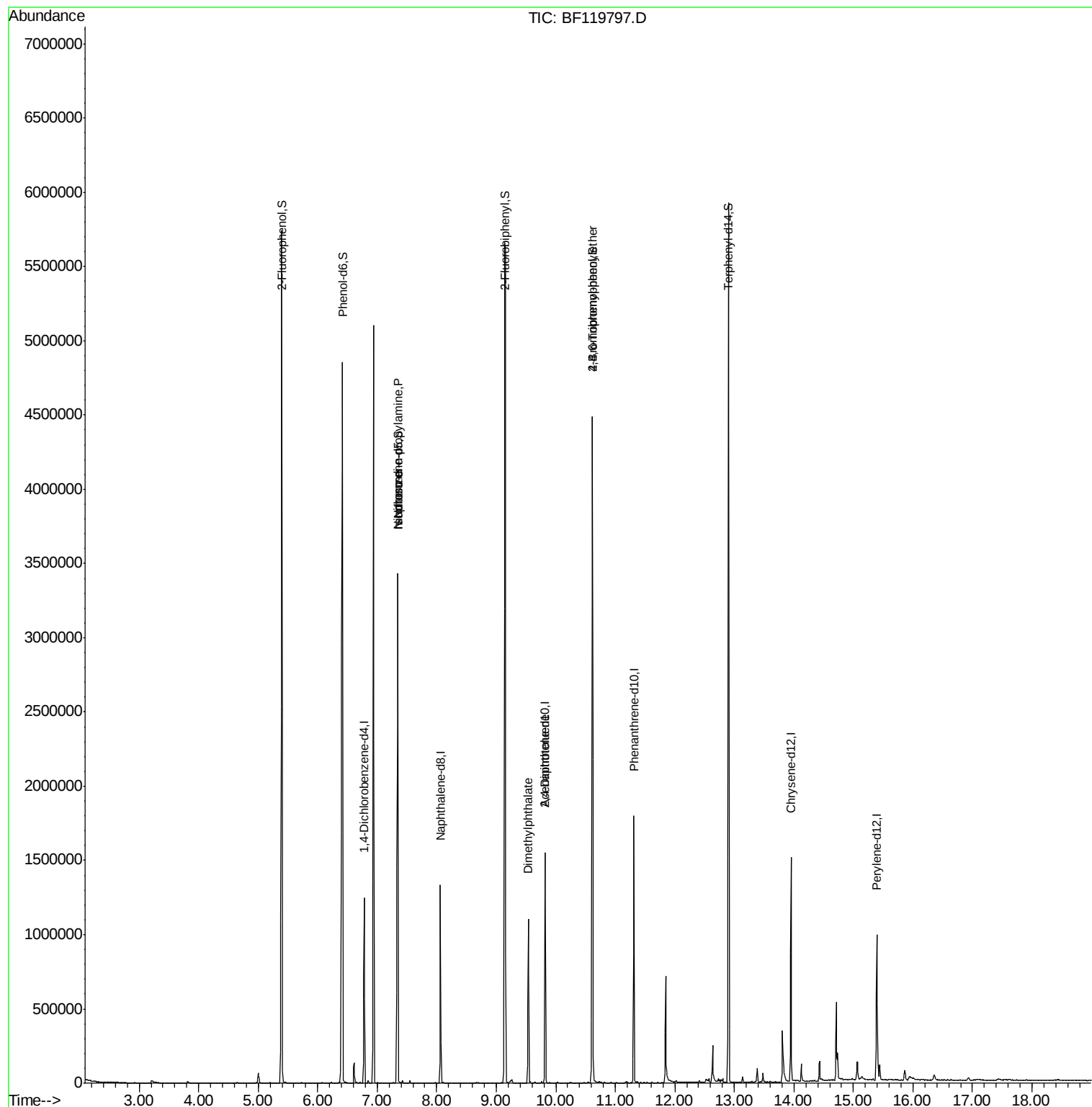
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	165854	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	629254	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	326638	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	626221	20.00	ng	0.00
76) Chrysene-d12	13.95	240	475878	20.00	ng	0.00
87) Perylene-d12	15.40	264	456572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1571408	150.83	ng	0.01
7) Phenol-d6	6.42	99	2006967	150.80	ng	0.00
23) Nitrobenzene-d5	7.35	82	1250649	108.02	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	573044	170.05	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2134191	96.80	ng	0.00
79) Terphenyl-d14	12.90	244	2259990	93.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	162731	20.29	ng	# 75
25) Isophorone	7.35	82	1250639	53.25	ng	# 65
50) Dimethylphthalate	9.54	163	420292	18.12	ng	100
57) 2,4-Dinitrotoluene	9.82	165	40990	6.54	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	34005	4.77	ng	# 1

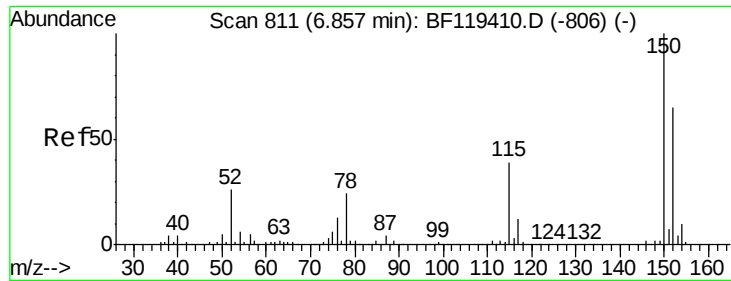
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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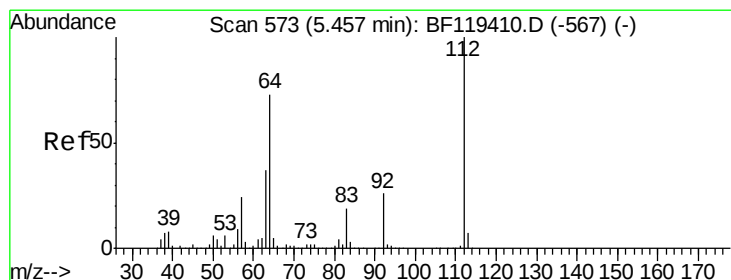
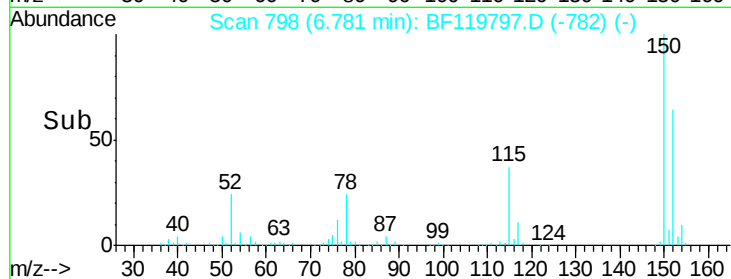
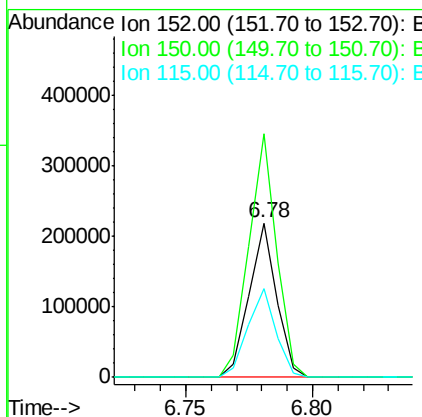
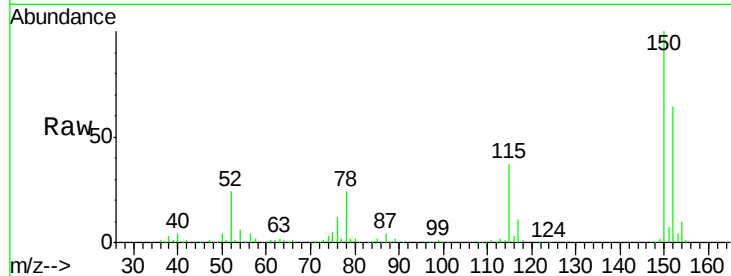




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF119797.D
 Acq: 7 Apr 2020 3:33

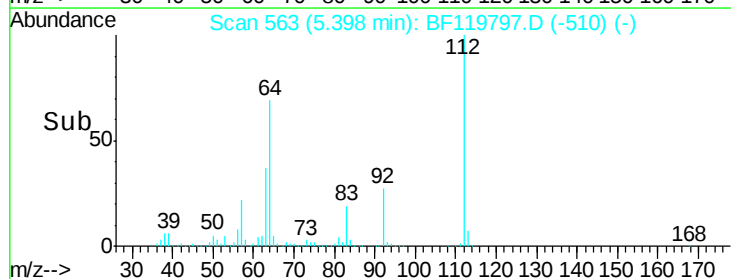
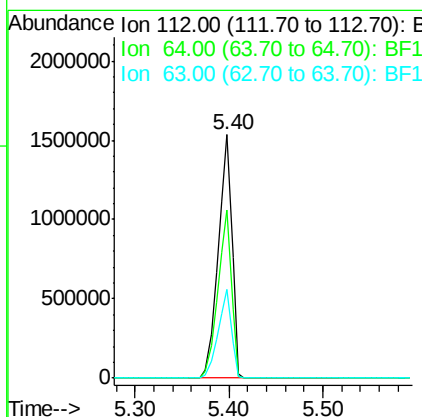
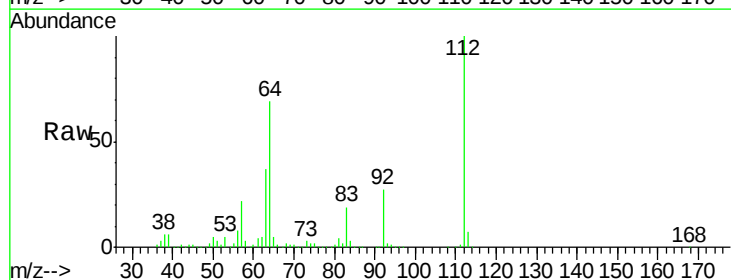
Instrument :
 BNA_F
 ClientSampleId :
 TP-70-71-COMP

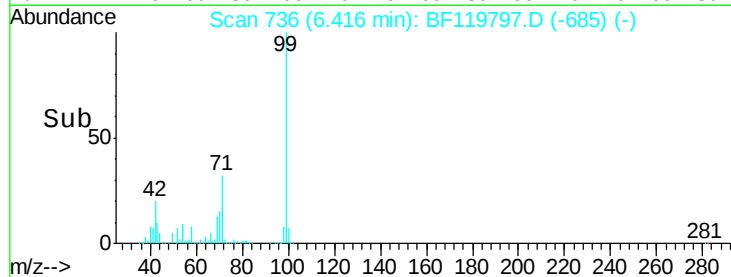
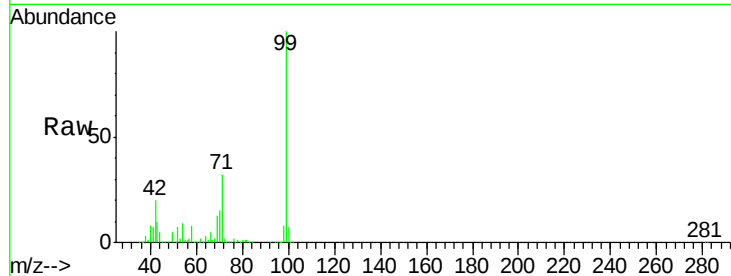
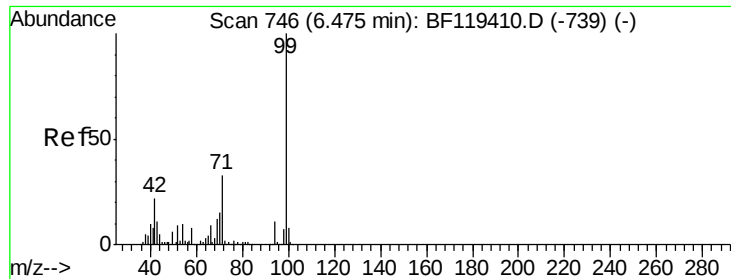
Tgt Ion:152 Resp: 165854
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.5 186.7
 115 57.6 49.6 74.4



#5
 2-Fluorophenol
 Concen: 150.83 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF119797.D
 Acq: 7 Apr 2020 3:33

Tgt Ion:112 Resp: 1571408
 Ion Ratio Lower Upper
 112 100
 64 68.9 56.7 85.1
 63 36.6 29.5 44.3





#7

Phenol-d6

Concen: 150.80 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119797.D

Acq: 7 Apr 2020 3:33

Instrument :

BNA_F

ClientSampleId :

TP-70-71-COMP

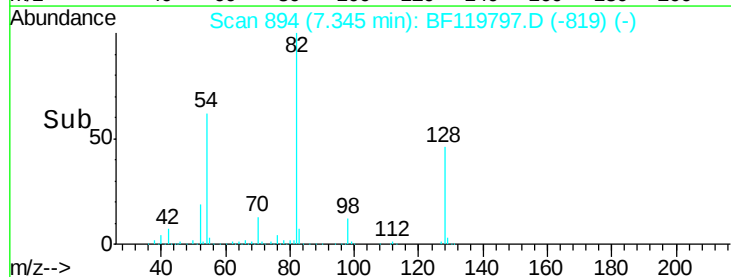
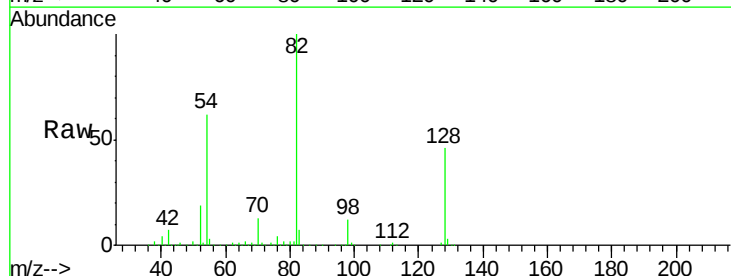
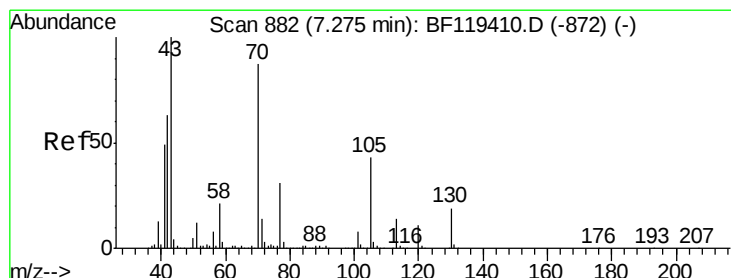
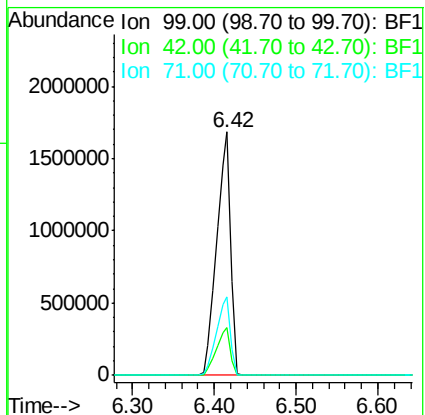
Tgt Ion: 99 Resp: 2006967

Ion Ratio Lower Upper

99 100

42 19.6 16.6 24.8

71 32.4 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 20.29 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF119797.D

Acq: 7 Apr 2020 3:33

Tgt Ion: 70 Resp: 162731

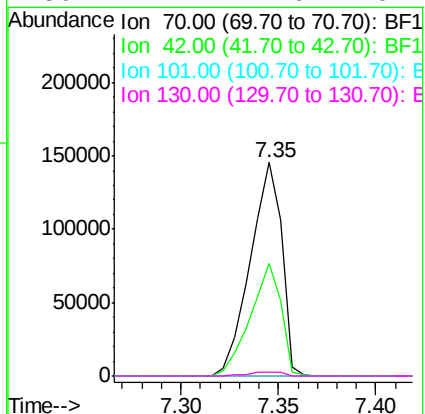
Ion Ratio Lower Upper

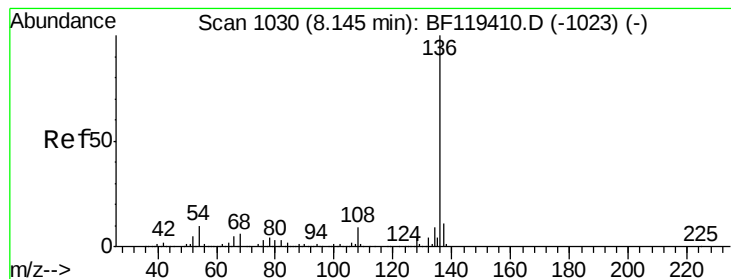
70 100

42 52.9 54.5 81.7#

101 0.0 7.6 11.4#

130 2.1 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF119797.D

Acq: 7 Apr 2020 3:33

Instrument :

BNA_F

ClientSampleId :

TP-70-71-COMP

Tgt Ion:136 Resp: 629254

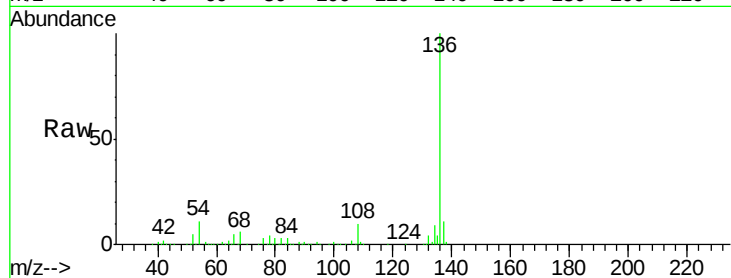
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.2 9.1 13.7

68 5.8 4.6 6.8

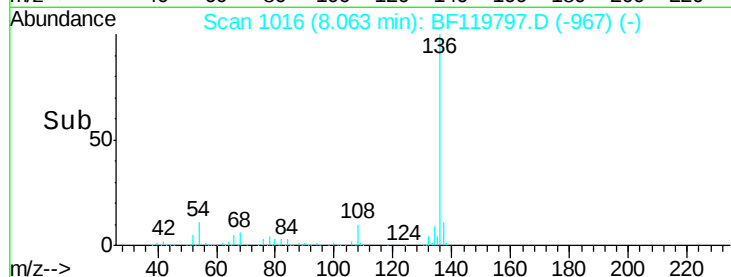


Abundance Ion 136.00 (135.70 to 136.70): E

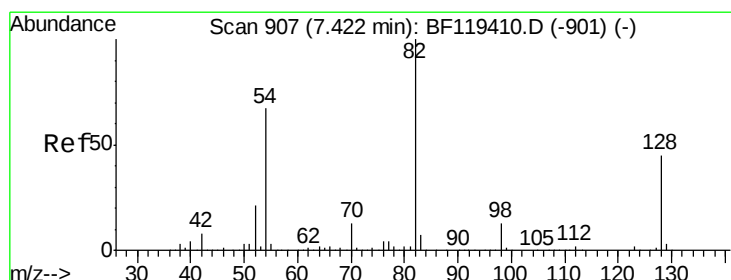
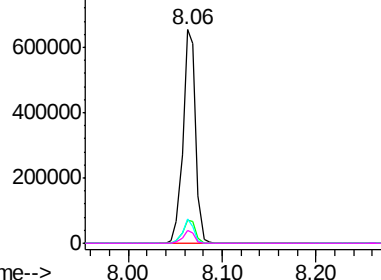
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 108.02 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF119797.D

Acq: 7 Apr 2020 3:33

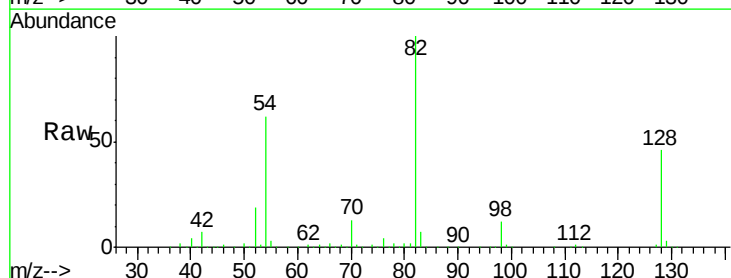
Tgt Ion: 82 Resp: 1250649

Ion Ratio Lower Upper

82 100

128 45.9 36.3 54.5

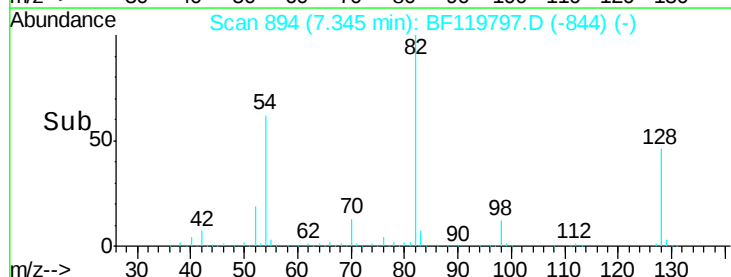
54 61.6 50.6 75.8



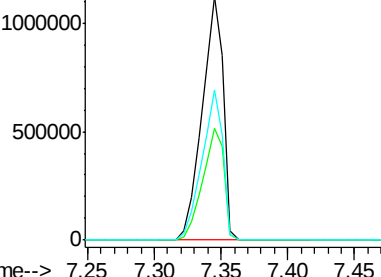
Abundance Ion 82.00 (81.70 to 82.70): BF1

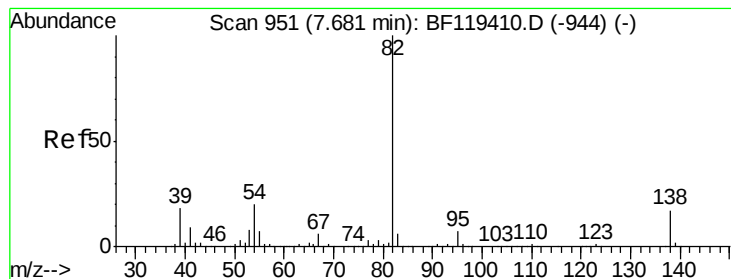
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->





#25

Isophorone

Concen: 53.25 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF119797.D

Acq: 7 Apr 2020 3:33

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TP-70-71-COMP

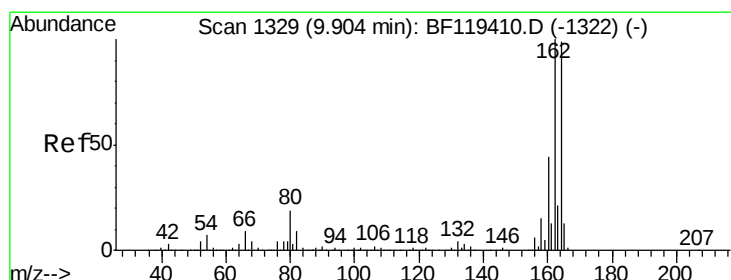
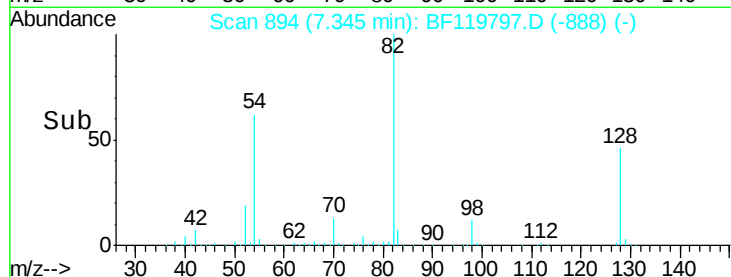
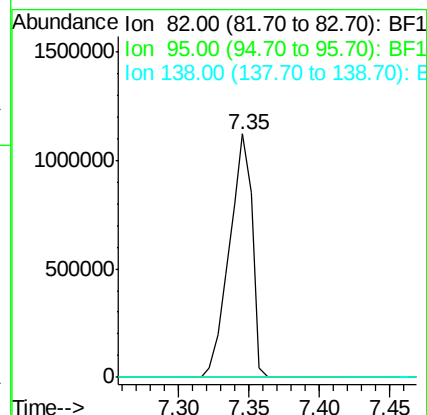
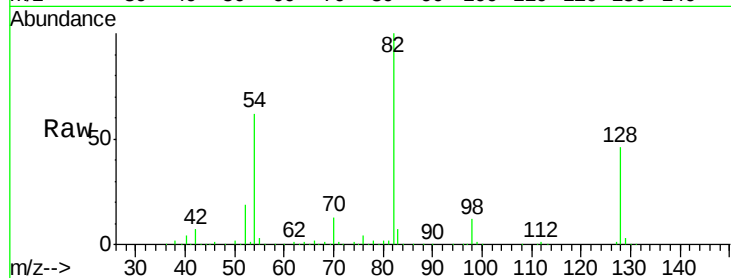
Tgt Ion: 82 Resp: 1250639

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF119797.D

Acq: 7 Apr 2020 3:33

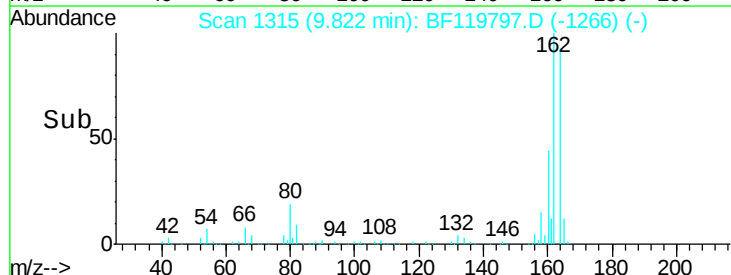
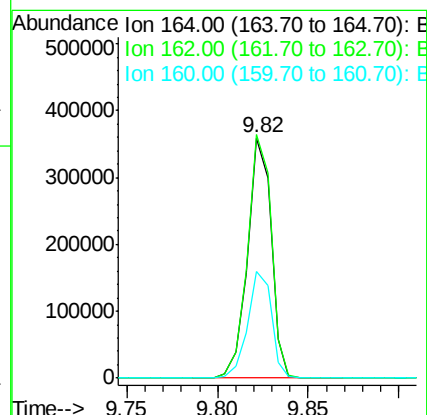
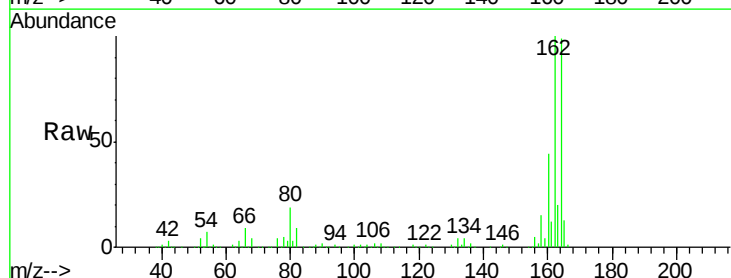
Tgt Ion: 164 Resp: 326638

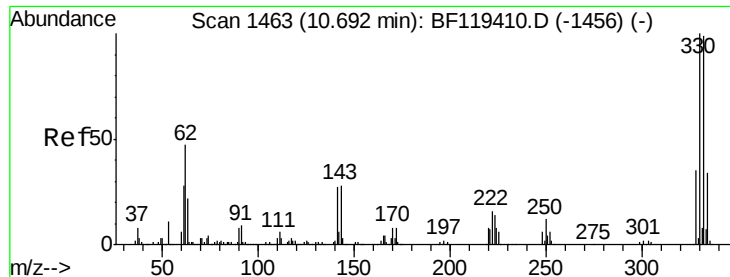
Ion Ratio Lower Upper

164 100

162 101.3 80.6 121.0

160 44.6 35.7 53.5

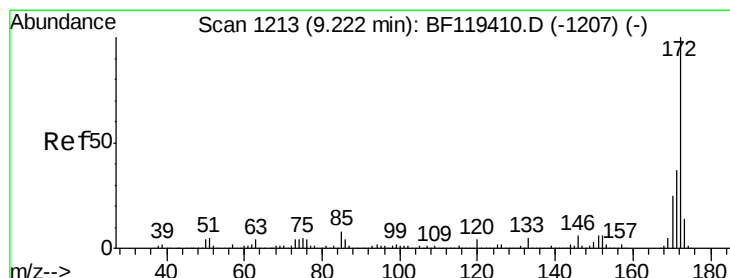
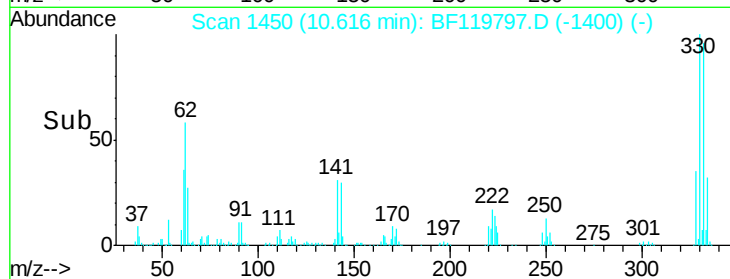
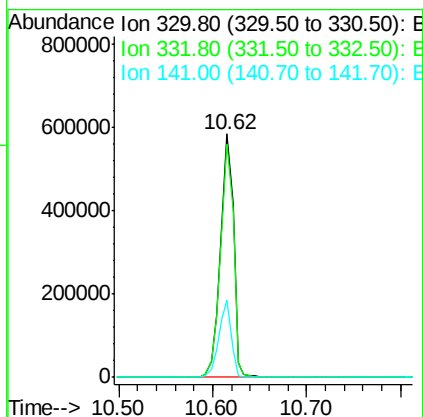
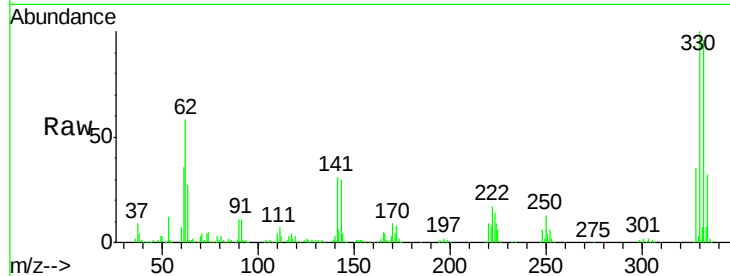




#42
 2,4,6-Tribromophenol
 Concen: 170.05 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119797.D
 Acq: 7 Apr 2020 3:33

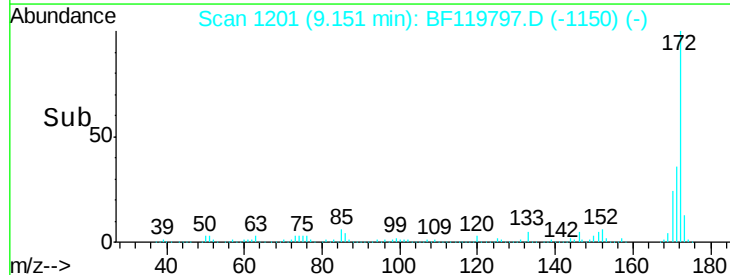
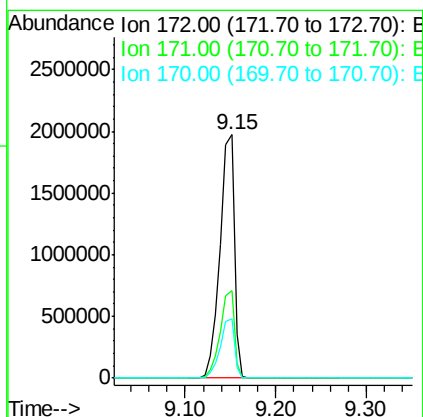
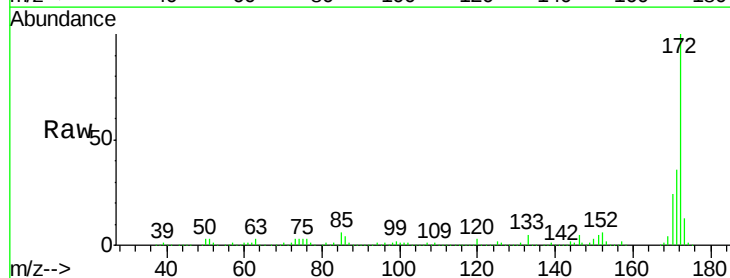
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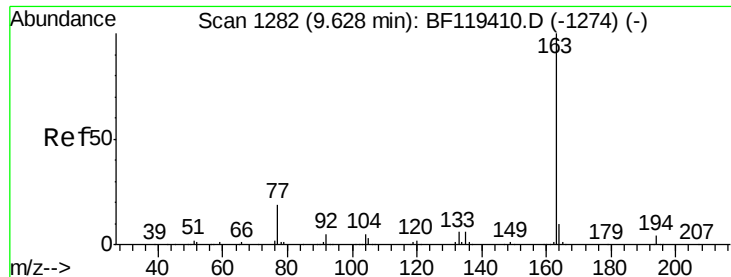
Tgt Ion:330 Resp: 573044
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.7 113.5
 141 30.2 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 96.80 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119797.D
 Acq: 7 Apr 2020 3:33

Tgt Ion:172 Resp: 2134191
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.5 20.2 30.2

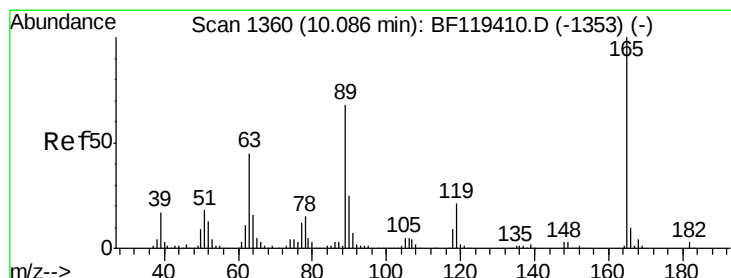
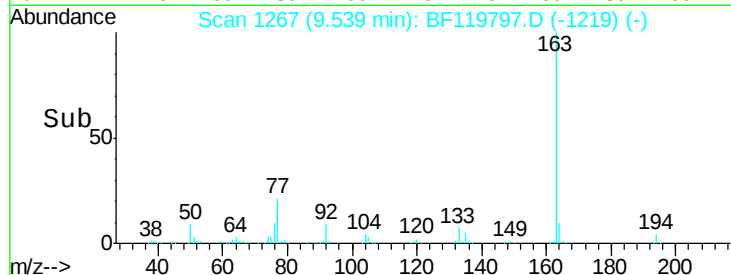
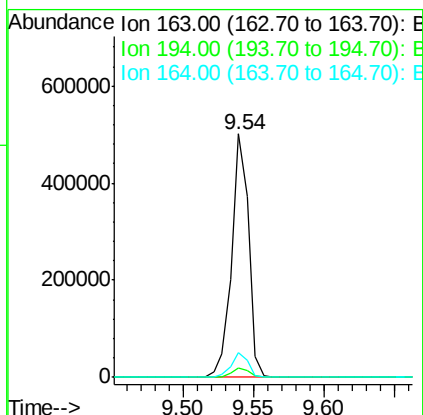
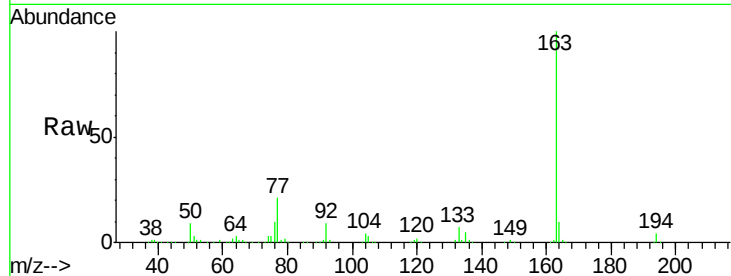




#50
Dimethylphthalate
Concen: 18.12 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF119797.D
Acq: 7 Apr 2020 3:33

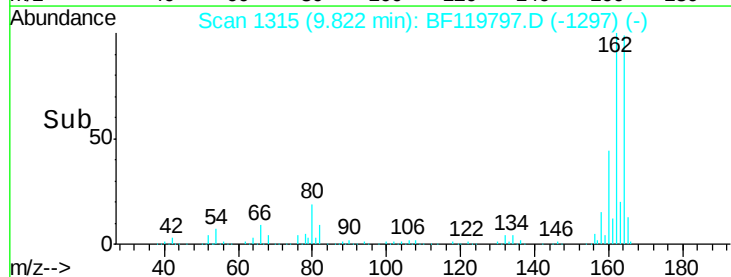
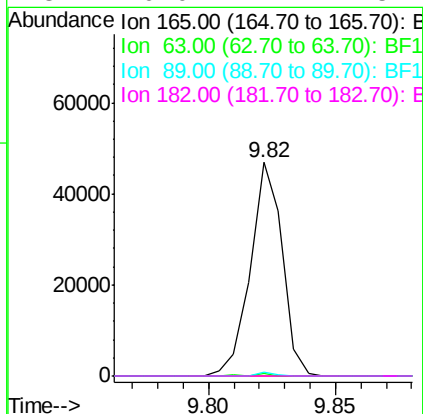
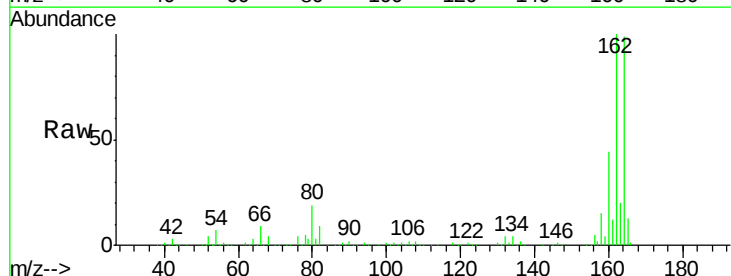
Instrument :
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Tgt Ion:163 Resp: 420292
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.3 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF119797.D
Acq: 7 Apr 2020 3:33

Tgt Ion:165 Resp: 40990
Ion Ratio Lower Upper
165 100
63 1.1 42.6 64.0#
89 1.8 61.0 91.4#
182 0.0 2.2 3.2#

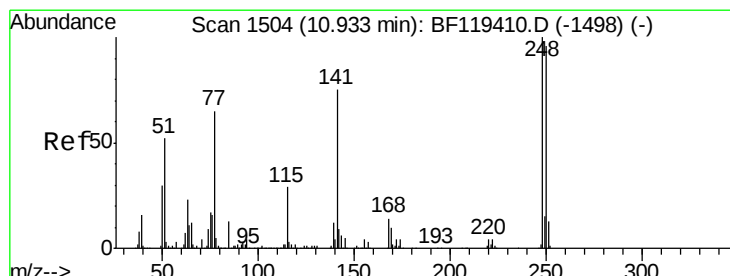
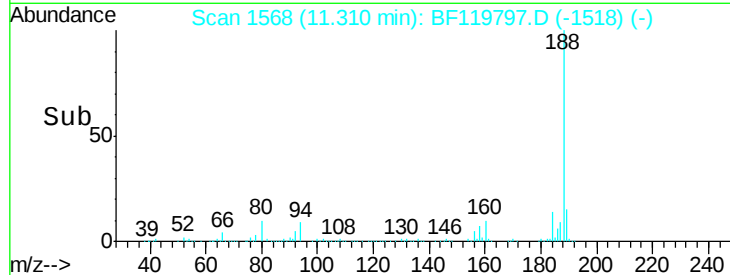
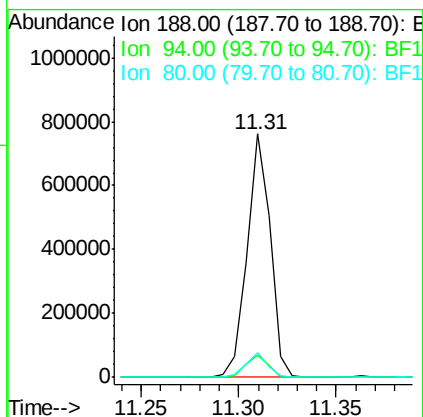
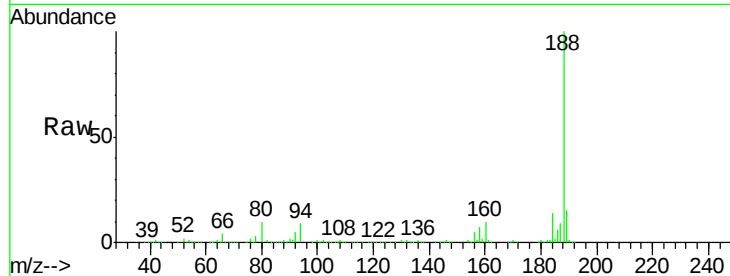




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF119797.D
 Acq: 7 Apr 2020 3:33

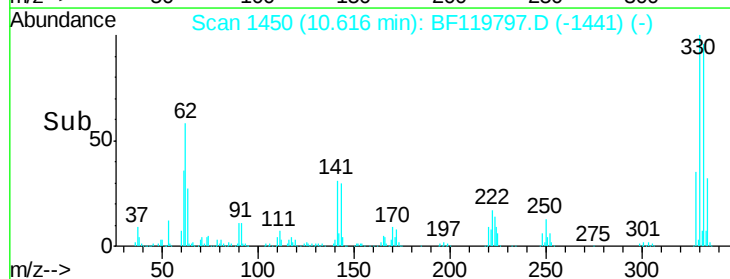
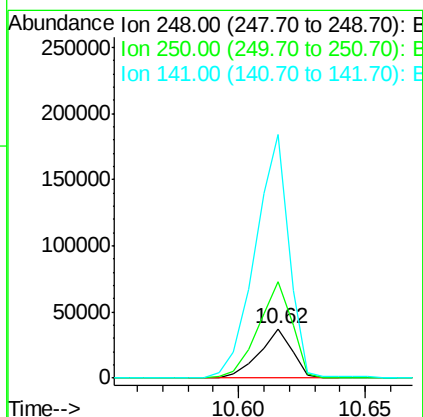
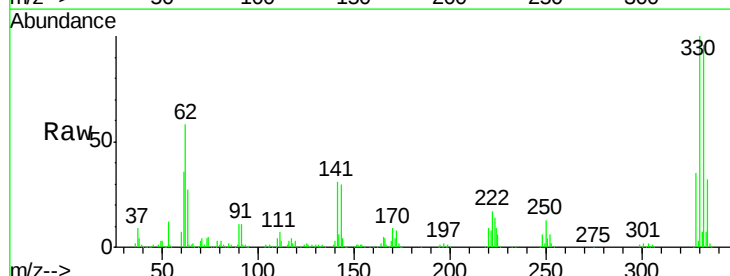
Instrument :
 BNA_F
 ClientSampleId :
 TP-70-71-COMP

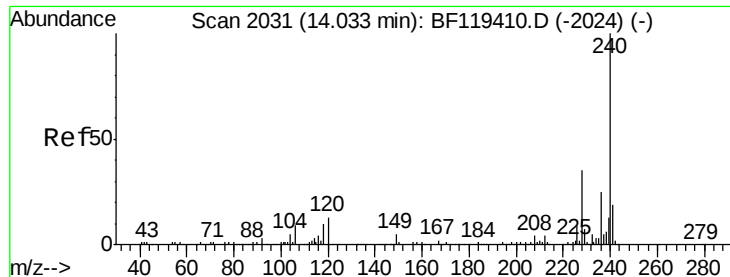
Tgt Ion:188 Resp: 626221
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.5 11.3
 80 10.1 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 4.77 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF119797.D
 Acq: 7 Apr 2020 3:33

Tgt Ion:248 Resp: 34005
 Ion Ratio Lower Upper
 248 100
 250 196.8 77.3 115.9#
 141 495.7 58.6 87.8#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF119797.D

Acq: 7 Apr 2020 3:33

Instrument :

BNA_F

ClientSampleId :

TP-70-71-COMP

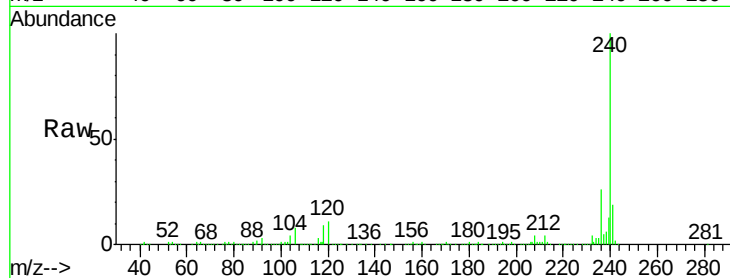
Tgt Ion:240 Resp: 475878

Ion Ratio Lower Upper

240 100

120 10.8 10.6 15.8

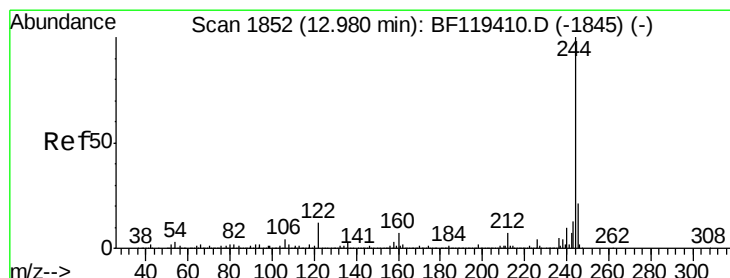
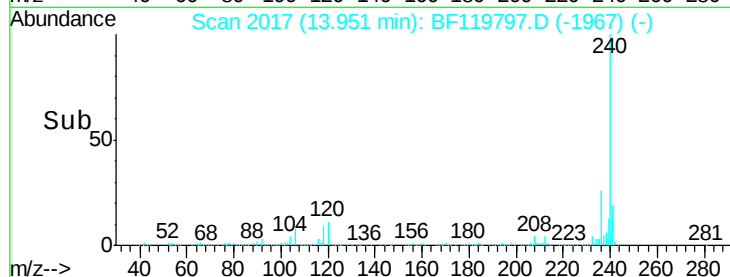
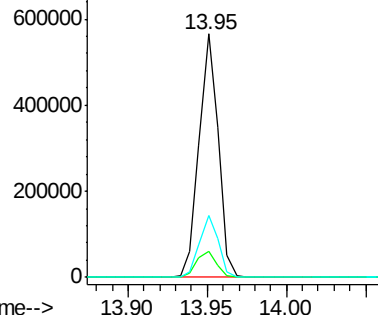
236 25.5 20.2 30.2



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



#79

Terphenyl-d14

Concen: 93.04 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF119797.D

Acq: 7 Apr 2020 3:33

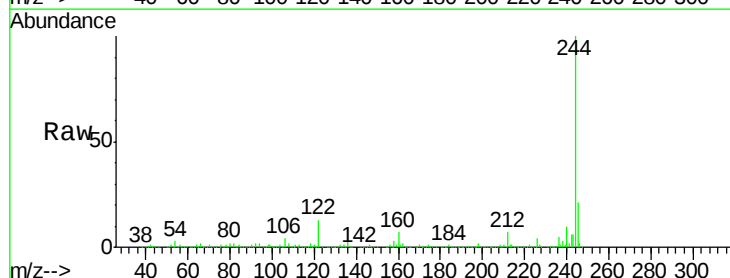
Tgt Ion:244 Resp: 2259990

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

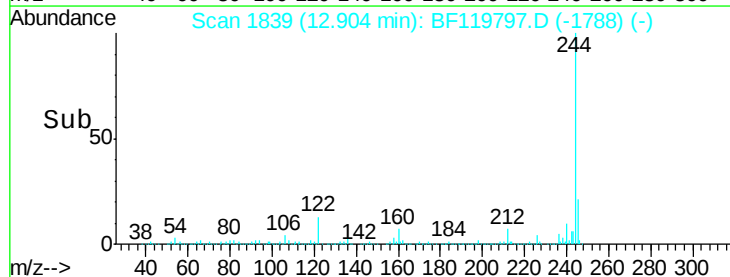
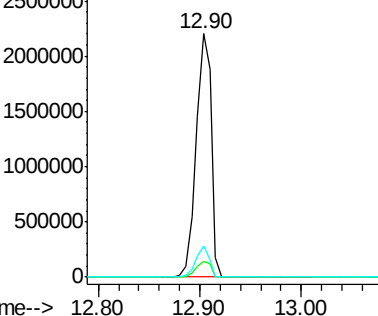
122 13.0 10.3 15.5

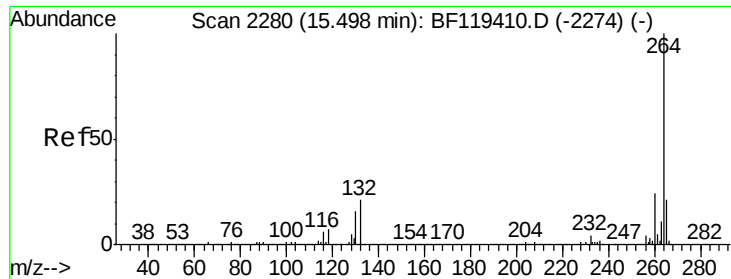


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BF119797.D
Acq: 7 Apr 2020 3:33

Instrument :
BNA_F
ClientSampleId :
TP-70-71-COMP

Tgt Ion: 264 Resp: 456572
Ion Ratio Lower Upper
264 100
260 24.5 18.7 28.1
265 22.5 17.7 26.5

