

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119827.D
 Acq On : 7 Apr 2020 17:30
 Operator : MA/SJ
 Sample : L2146-05
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-67-66-COMP

Quant Time: Apr 08 00:52:59 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

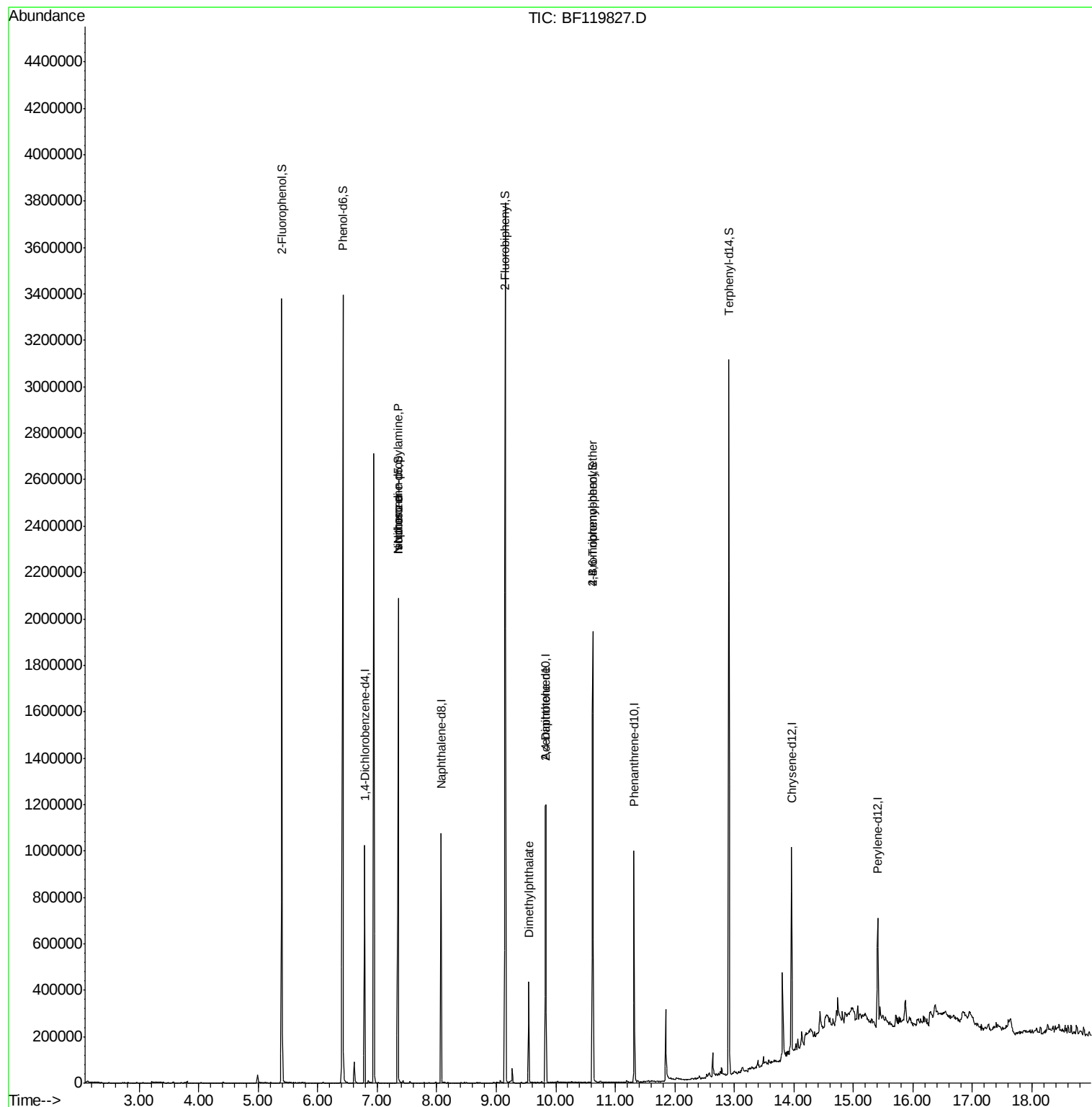
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	131712	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	468777	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	251200	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	386781	20.00	ng	0.00
76) Chrysene-d12	13.96	240	282271	20.00	ng	0.00
87) Perylene-d12	15.41	264	204684	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	827955	100.07	ng	0.01
7) Phenol-d6	6.42	99	1139823	107.84	ng	0.00
23) Nitrobenzene-d5	7.35	82	588841	68.27	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	221701	85.55	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1067665	62.97	ng	0.00
79) Terphenyl-d14	12.91	244	1041905	72.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	76716	12.04	ng	# 74
25) Isophorone	7.35	82	586790	33.54	ng	# 65
50) Dimethylphthalate	9.55	163	146254	8.20	ng	99
57) 2,4-Dinitrotoluene	9.83	165	32839	6.82	ng	# 19
67) 4-Bromophenyl-phenylether	10.62	248	13403	3.04	ng	# 1

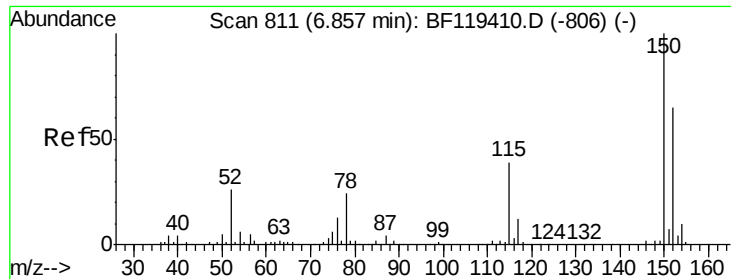
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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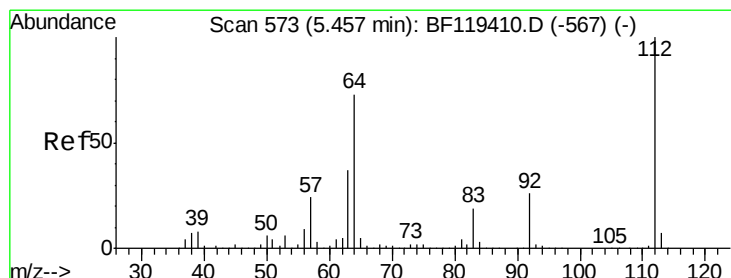
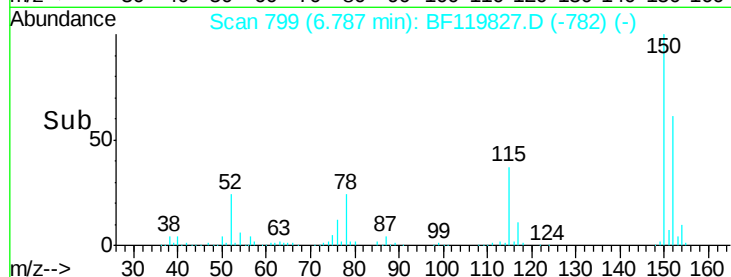
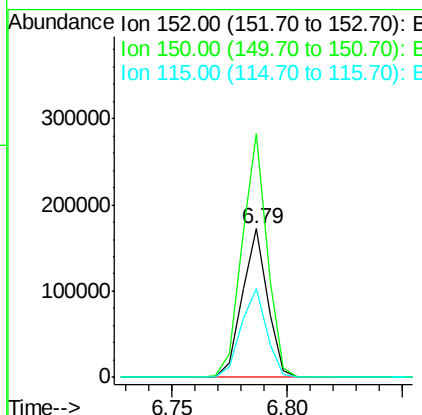
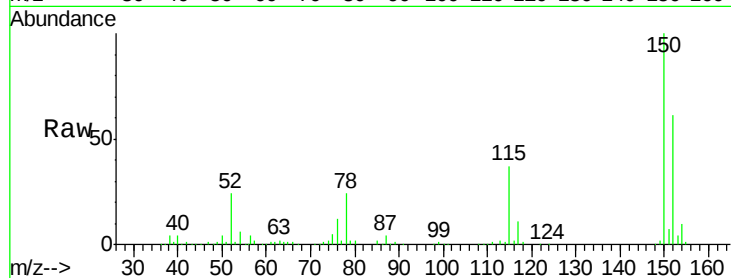




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF119827.D
 Acq: 7 Apr 2020 17:30

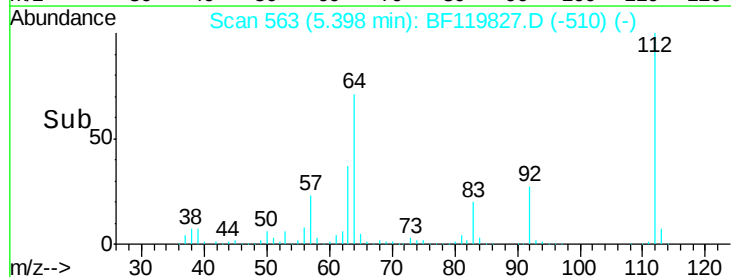
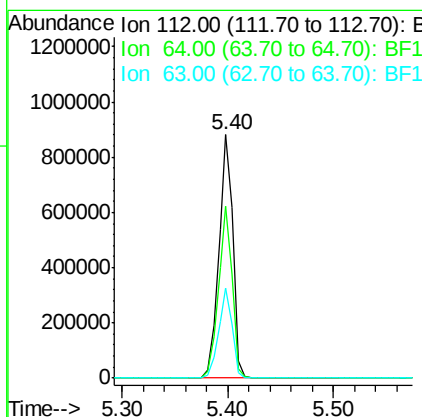
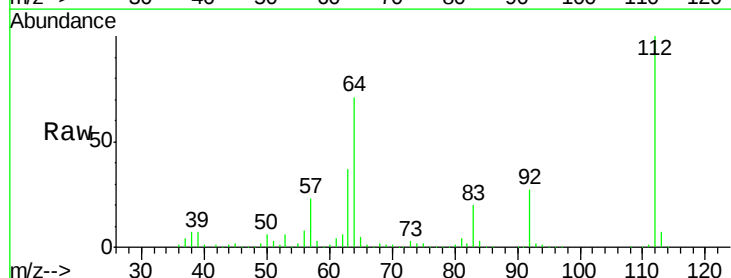
Instrument :
 BNA_F
 ClientSampleId :
 TP-67-66-COMP

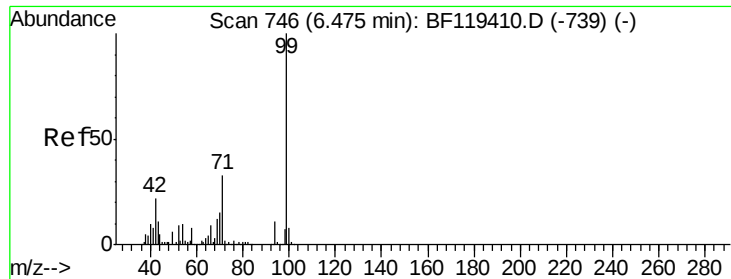
Tgt Ion:152 Resp: 131712
 Ion Ratio Lower Upper
 152 100
 150 164.2 124.5 186.7
 115 60.2 49.6 74.4



#5
 2-Fluorophenol
 Concen: 100.07 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF119827.D
 Acq: 7 Apr 2020 17:30

Tgt Ion:112 Resp: 827955
 Ion Ratio Lower Upper
 112 100
 64 70.6 56.7 85.1
 63 36.8 29.5 44.3





#7

Phenol-d6

Concen: 107.84 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF119827.D

Acq: 7 Apr 2020 17:30

Instrument :

BNA_F

ClientSampleId :

TP-67-66-COMP

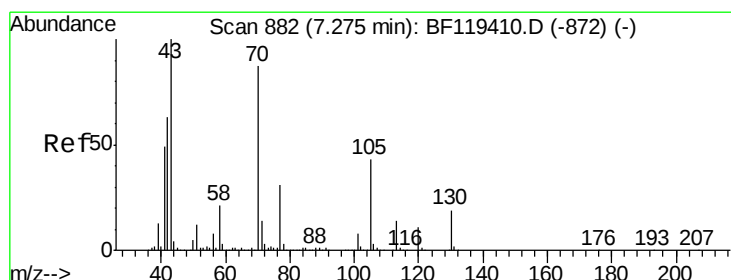
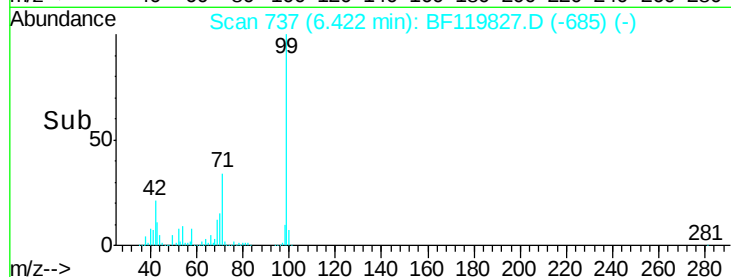
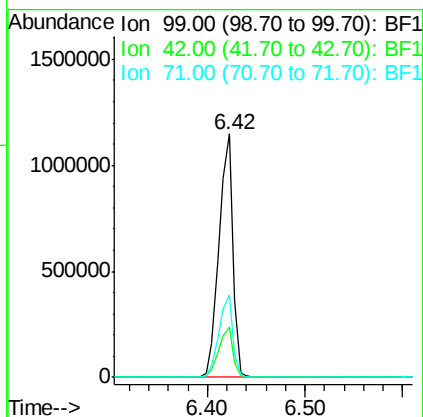
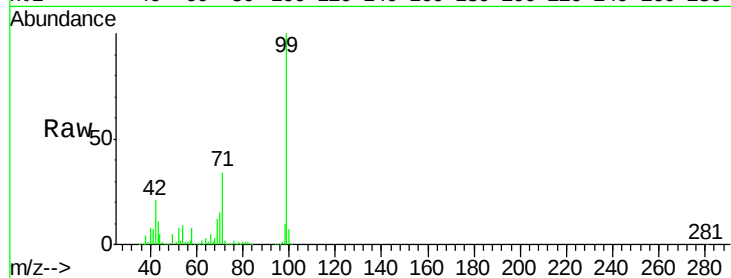
Tgt Ion: 99 Resp: 1139823

Ion Ratio Lower Upper

99 100

42 20.6 16.6 24.8

71 34.0 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.04 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.15 min

Lab File: BF119827.D

Acq: 7 Apr 2020 17:30

Tgt Ion: 70 Resp: 76716

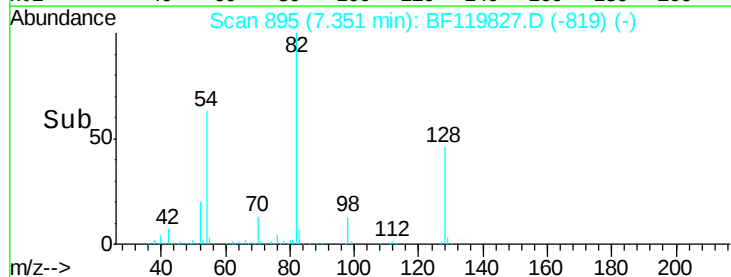
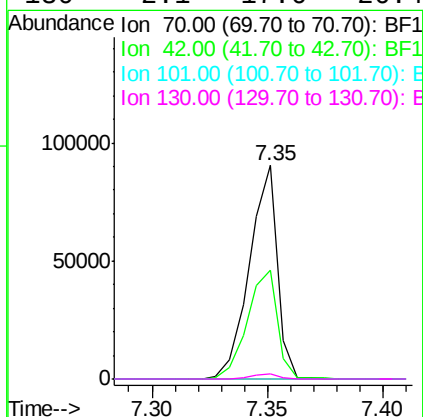
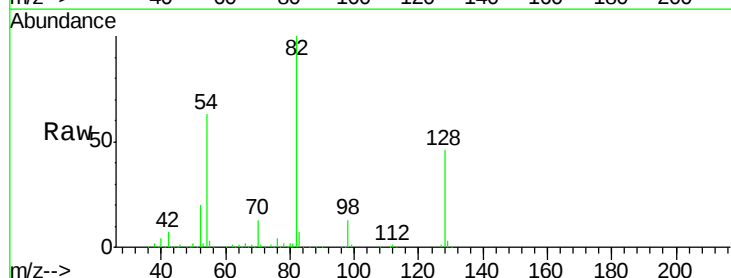
Ion Ratio Lower Upper

70 100

42 51.0 54.5 81.7#

101 0.0 7.6 11.4#

130 2.1 17.6 26.4#

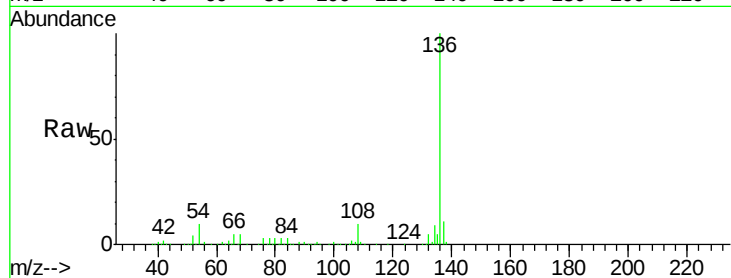




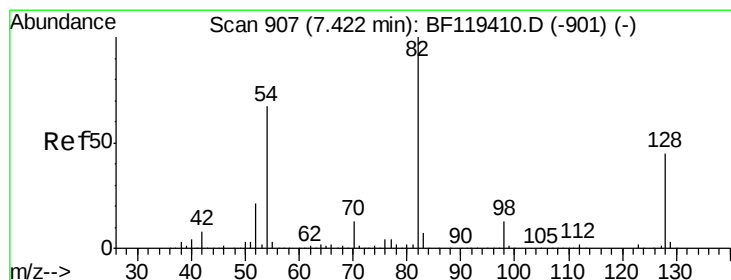
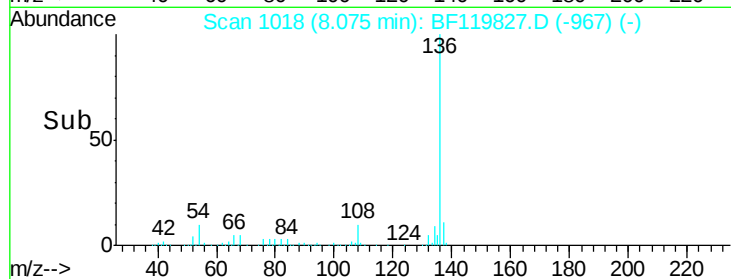
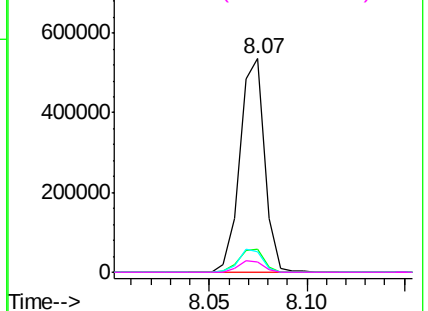
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF119827.D
Acq: 7 Apr 2020 17:30

Instrument :
BNA_F
ClientSampleId :
TP-67-66-COMP

Tgt Ion:	136	Resp:	468777
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.9	9.1	13.7
68	5.1	4.6	6.8

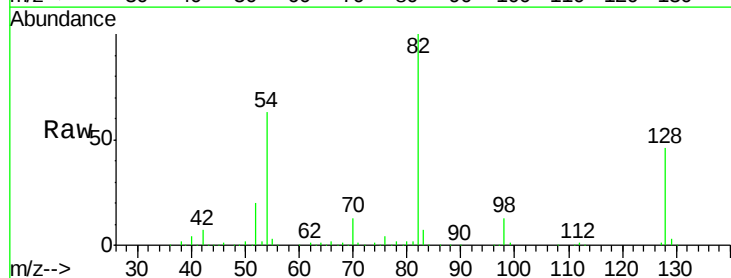


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

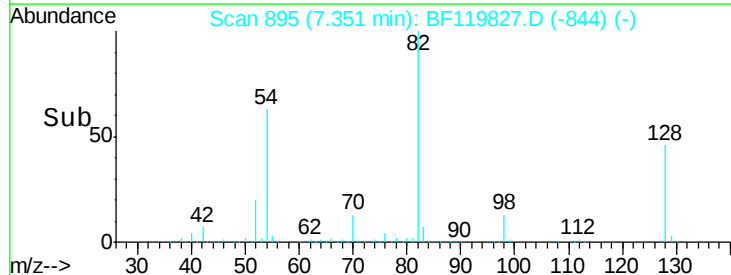
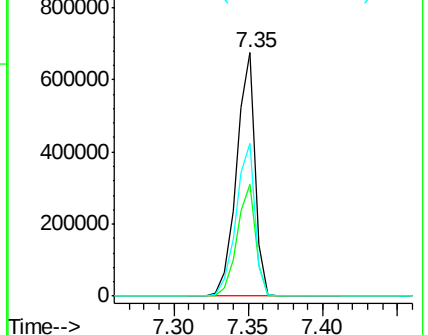


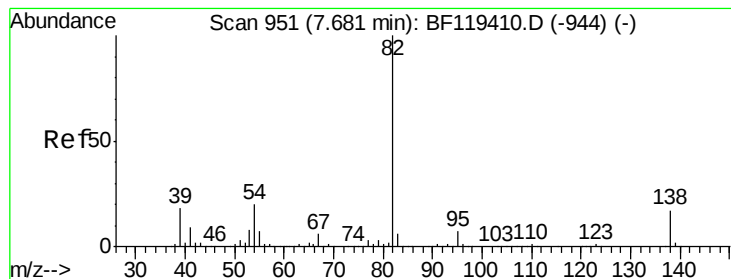
#23
Nitrobenzene-d5
Concen: 68.27 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF119827.D
Acq: 7 Apr 2020 17:30

Tgt Ion:	82	Resp:	588841
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.3	54.5
54	62.6	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





#25

Isophorone

Concen: 33.54 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.26 min

Lab File: BF119827.D

Acq: 7 Apr 2020 17:30

Instrument :

BNA_F

ClientSampleId :

TP-67-66-COMP

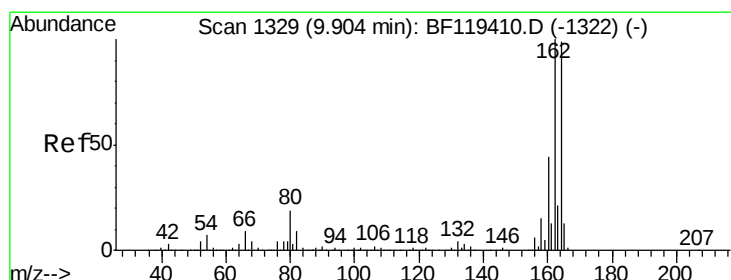
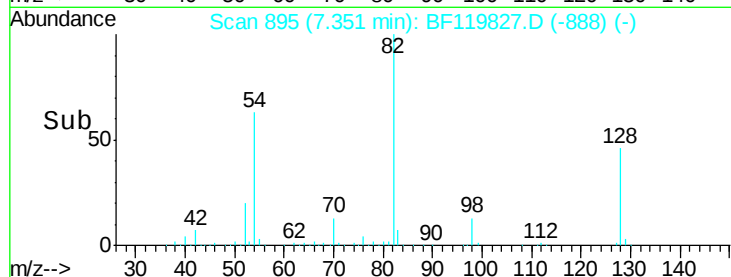
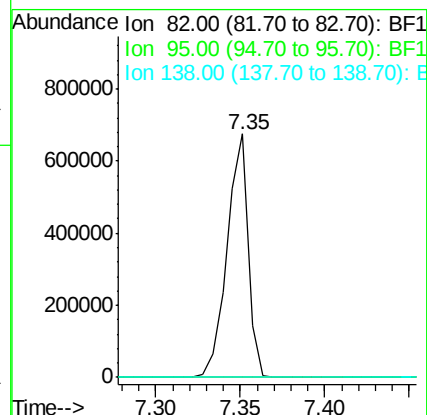
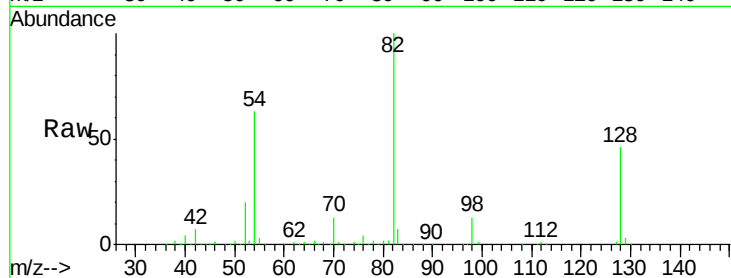
Tgt Ion: 82 Resp: 586790

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: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF119827.D

Acq: 7 Apr 2020 17:30

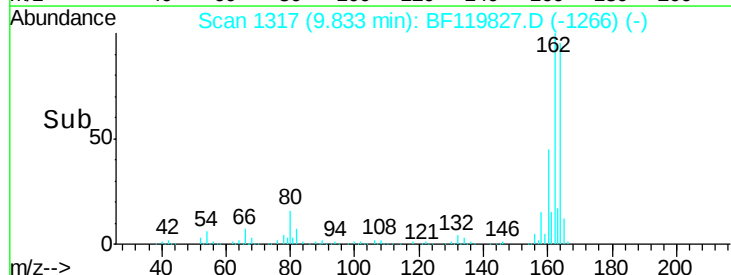
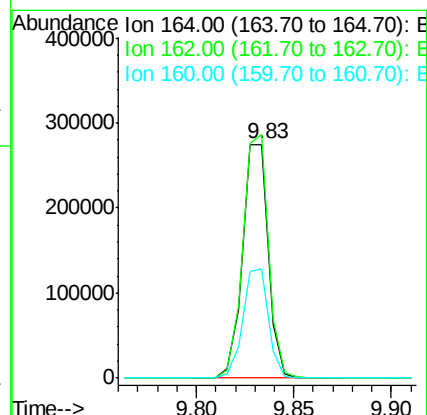
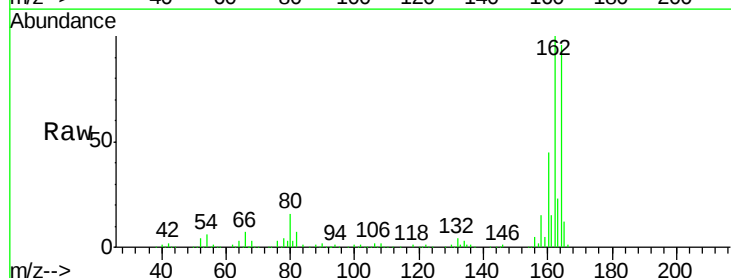
Tgt Ion: 164 Resp: 251200

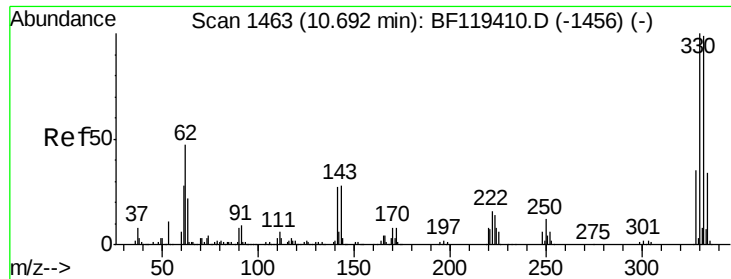
Ion Ratio Lower Upper

164 100

162 104.2 80.6 121.0

160 46.8 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 85.55 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF119827.D

Acq: 7 Apr 2020 17:30

Instrument :

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ClientSampleId :

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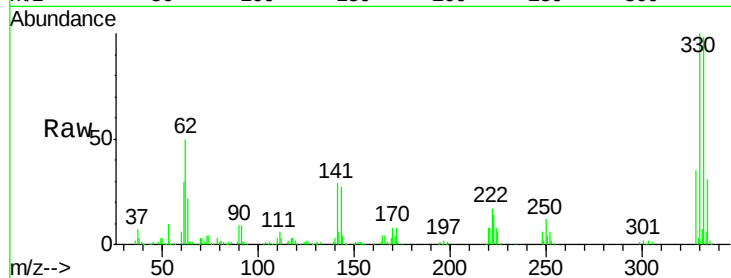
Tgt Ion:330 Resp: 221701

Ion Ratio Lower Upper

330 100

332 96.8 75.7 113.5

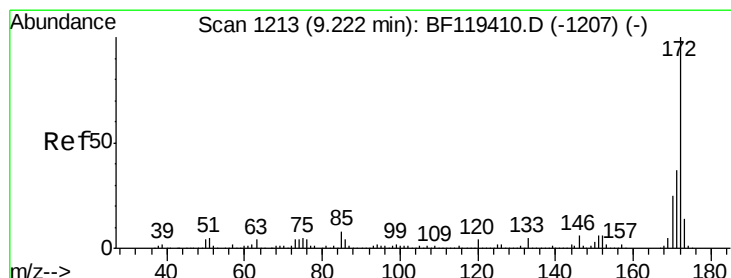
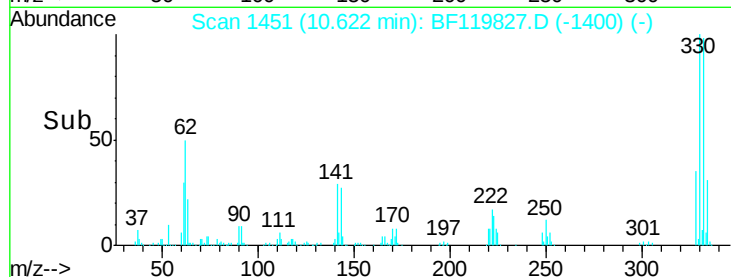
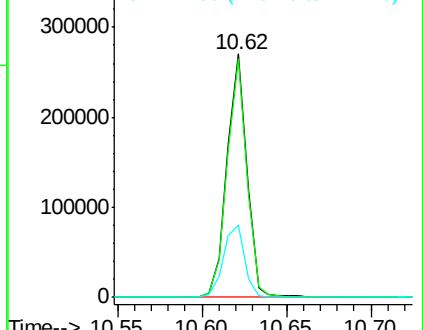
141 31.9 25.4 38.0



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: 62.97 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF119827.D

Acq: 7 Apr 2020 17:30

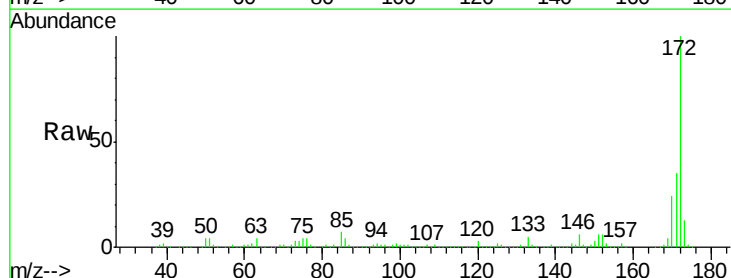
Tgt Ion:172 Resp: 1067665

Ion Ratio Lower Upper

172 100

171 35.5 29.6 44.4

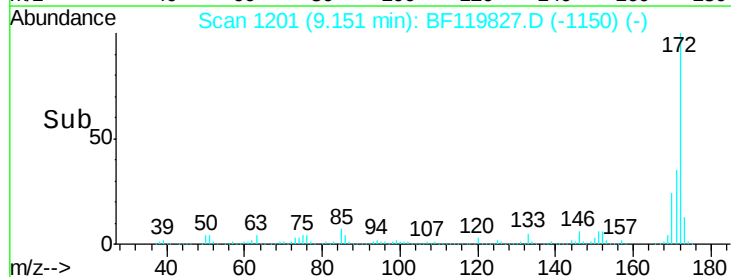
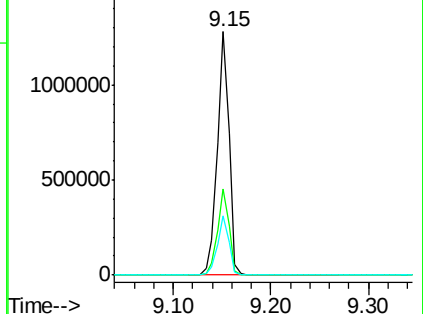
170 24.1 20.2 30.2

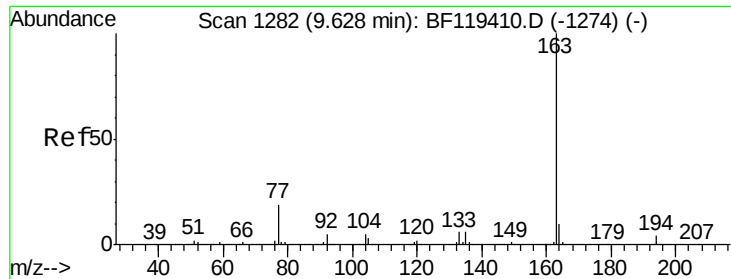


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

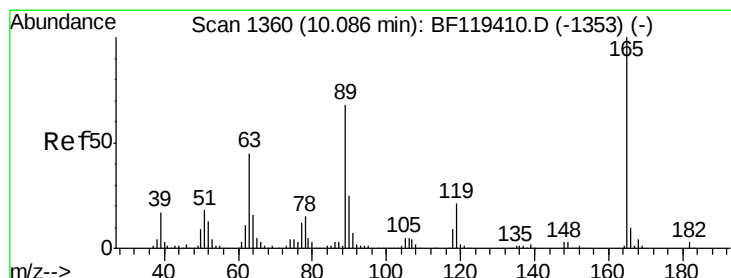
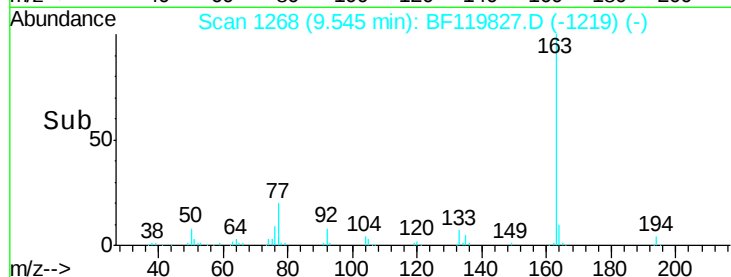
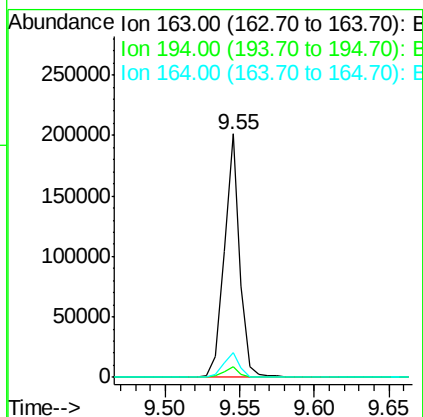
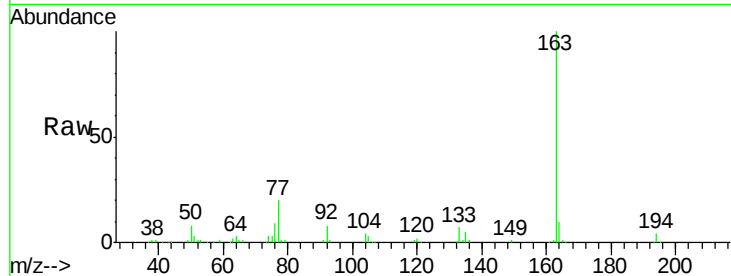




#50
Dimethylphthalate
Concen: 8.20 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF119827.D
Acq: 7 Apr 2020 17:30

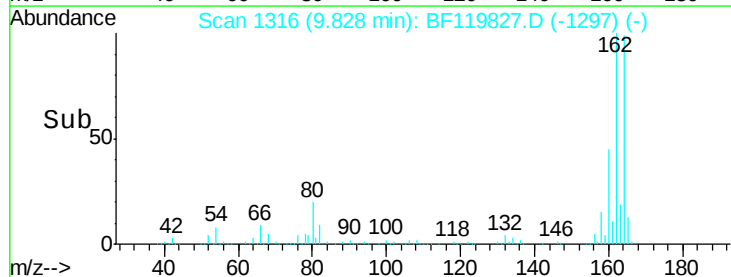
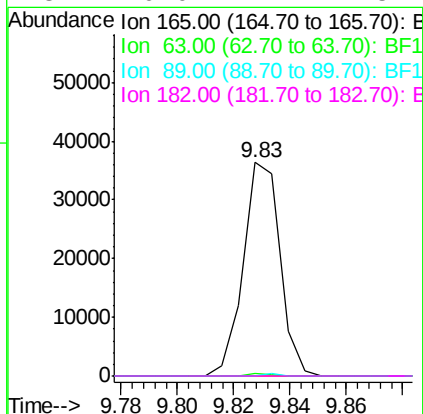
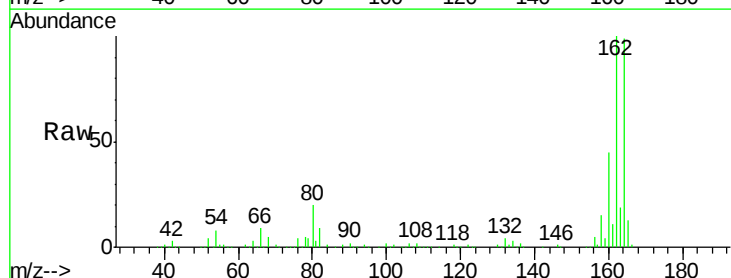
Instrument :
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Tgt Ion:163 Resp: 146254
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.4 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 6.82 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF119827.D
Acq: 7 Apr 2020 17:30

Tgt Ion:165 Resp: 32839
Ion Ratio Lower Upper
165 100
63 1.1 42.6 64.0#
89 0.0 61.0 91.4#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF119827.D

Acq: 7 Apr 2020 17:30

Instrument :

BNA_F

ClientSampleId :

TP-67-66-COMP

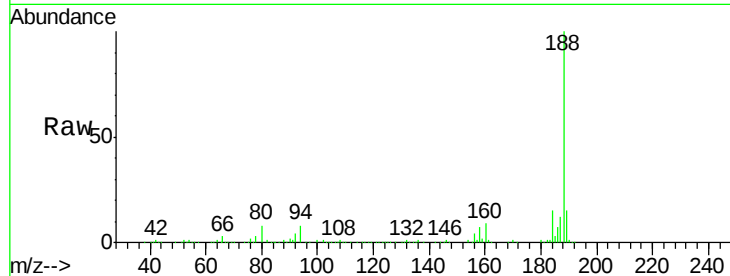
Tgt Ion:188 Resp: 386781

Ion Ratio Lower Upper

188 100

94 7.6 7.5 11.3

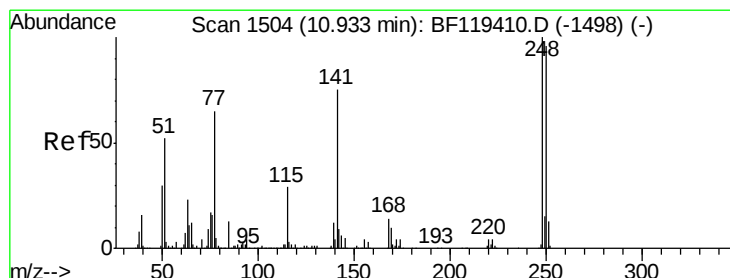
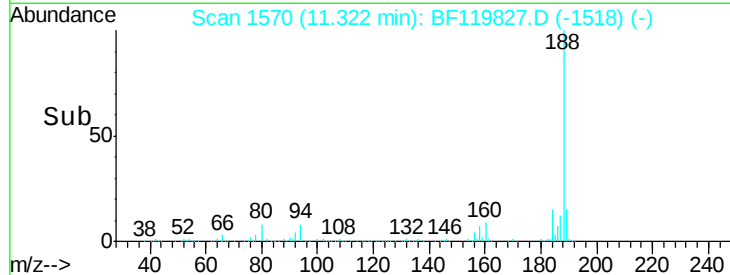
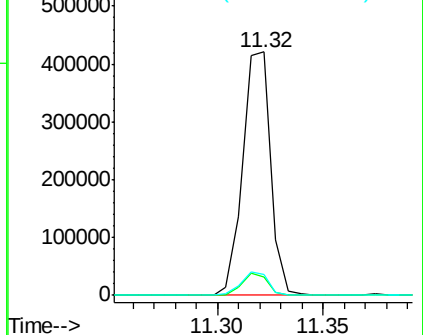
80 8.4 9.0 13.4#



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



#67

4-Bromophenyl-phenylether

Concen: 3.04 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.24 min

Lab File: BF119827.D

Acq: 7 Apr 2020 17:30

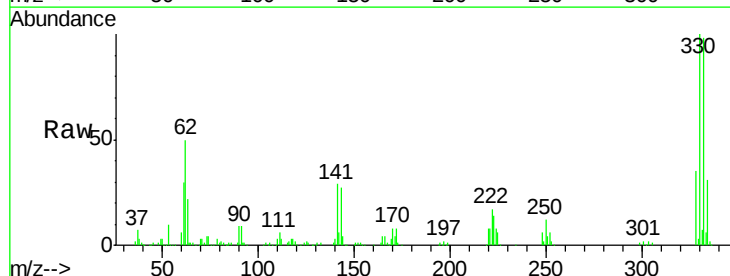
Tgt Ion:248 Resp: 13403

Ion Ratio Lower Upper

248 100

250 199.3 77.3 115.9#

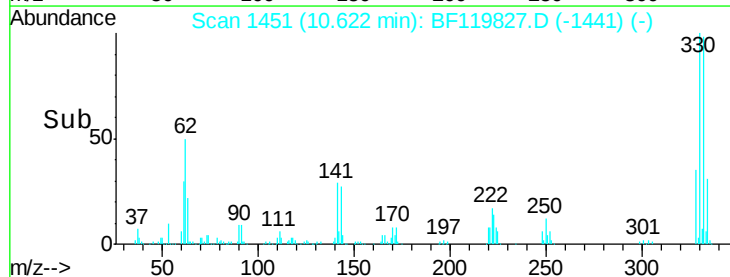
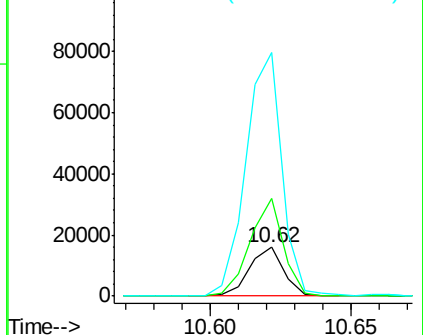
141 497.2 58.6 87.8#

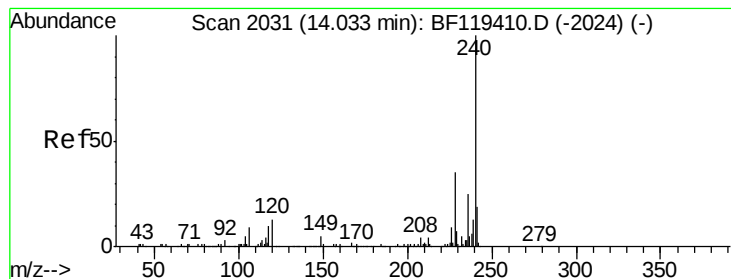


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF119827.D

Acq: 7 Apr 2020 17:30

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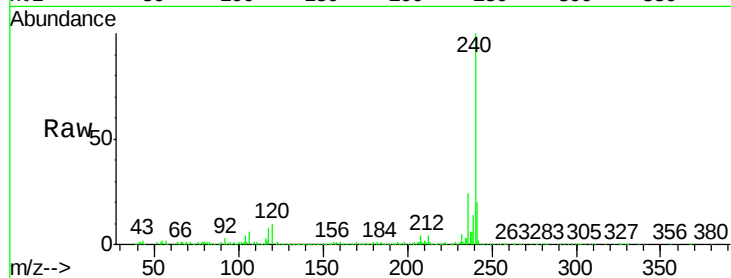
Tgt Ion:240 Resp: 282271

Ion Ratio Lower Upper

240 100

120 9.8 10.6 15.8#

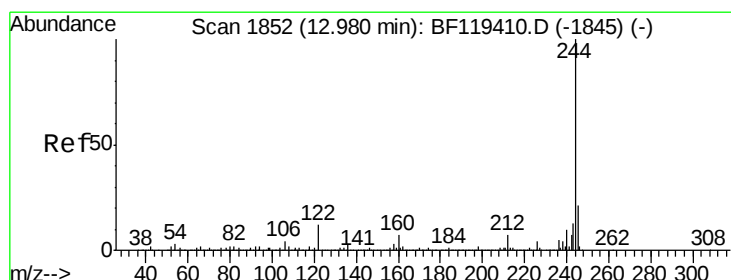
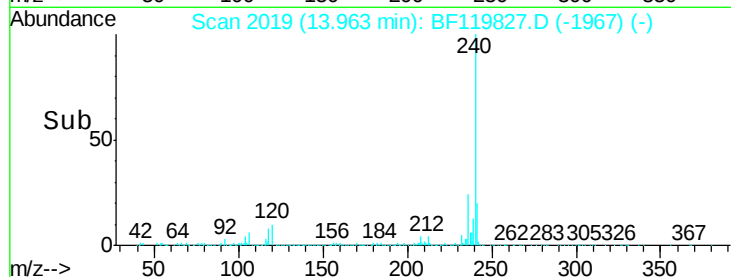
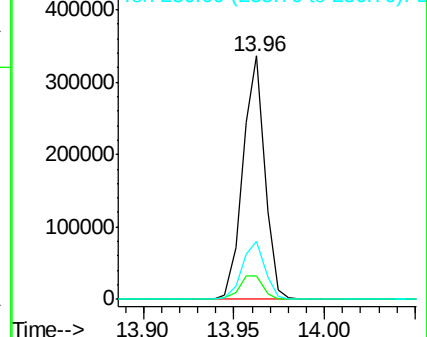
236 23.8 20.2 30.2



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: 72.32 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF119827.D

Acq: 7 Apr 2020 17:30

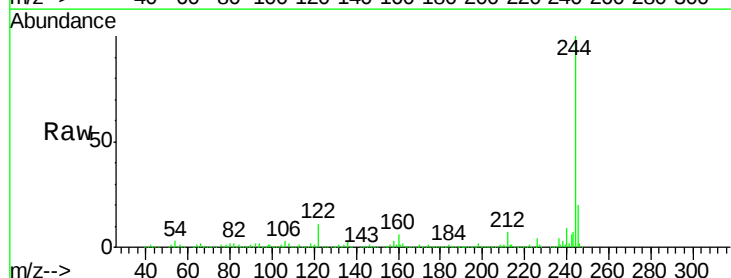
Tgt Ion:244 Resp: 1041905

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

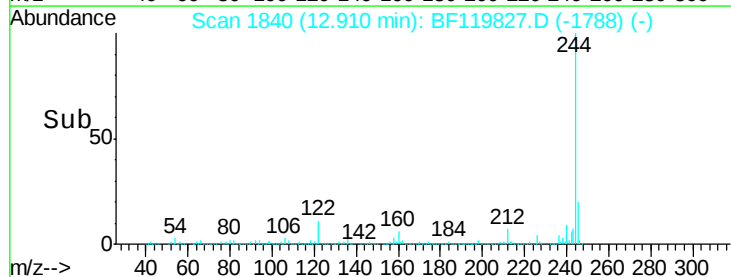
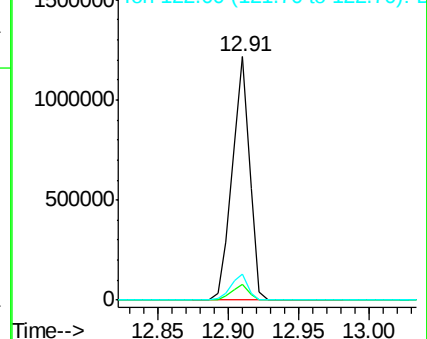
122 10.7 10.3 15.5

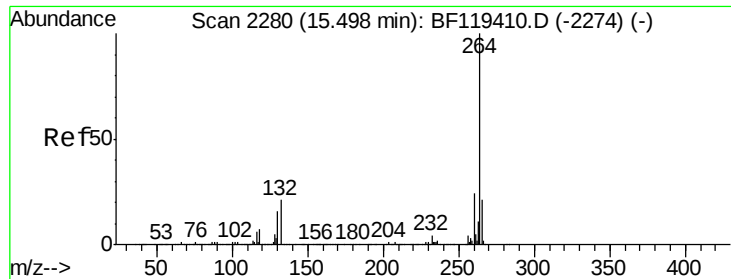


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

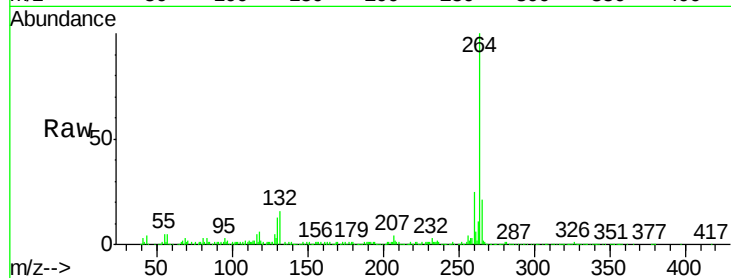




#87
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF119827.D
Acq: 7 Apr 2020 17:30

Instrument :
BNA_F
ClientSampleId :
TP-67-66-COMP

Tgt Ion: 264 Resp: 204684
Ion Ratio Lower Upper
264 100
260 24.6 18.7 28.1
265 21.3 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

