

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119738.D
 Acq On : 4 Apr 2020 00:49
 Operator : MA/SJ
 Sample : L2122-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-040120

Quant Time: Apr 04 01:20:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

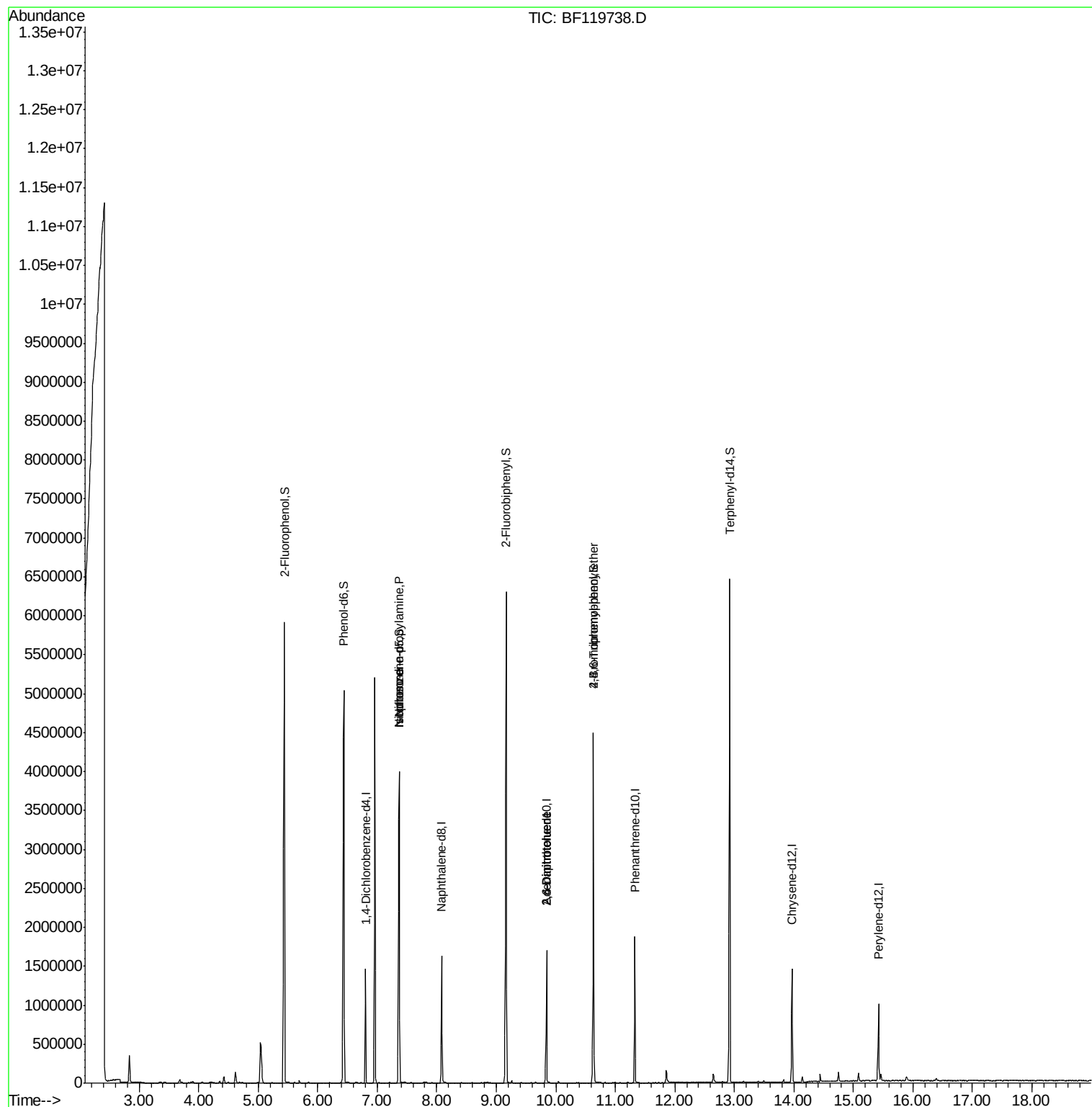
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	200070	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	746596	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	380514	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	712727	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	450989	20.00	ng	-0.03
87) Perylene-d12	15.42	264	430549	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1665536	132.52	ng	0.02
7) Phenol-d6	6.44	99	1959238	122.04	ng	0.00
23) Nitrobenzene-d5	7.37	82	1373696	100.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	606308	154.45	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	2411346	93.88	ng	-0.01
79) Terphenyl-d14	12.92	244	2587956	112.43	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	179651	18.56	ng	# 73
25) Isophorone	7.37	82	1370853	49.19	ng	# 65
51) 2,6-Dinitrotoluene	9.85	165	49900	8.61	ng	# 26
57) 2,4-Dinitrotoluene	9.85	165	49900	6.84	ng	# 20
67) 4-Bromophenyl-phenylether	10.63	248	36542	4.50	ng	# 1

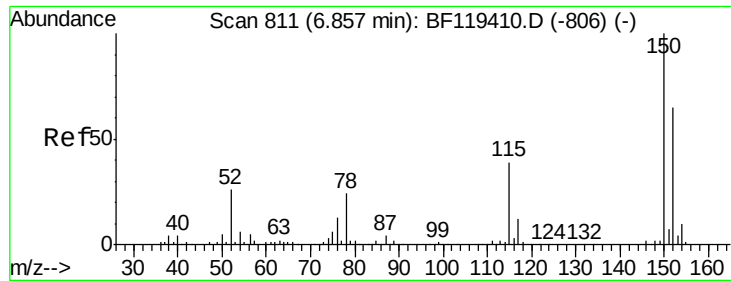
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SU-01-040120

Quant Time: Apr 04 01:20:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration



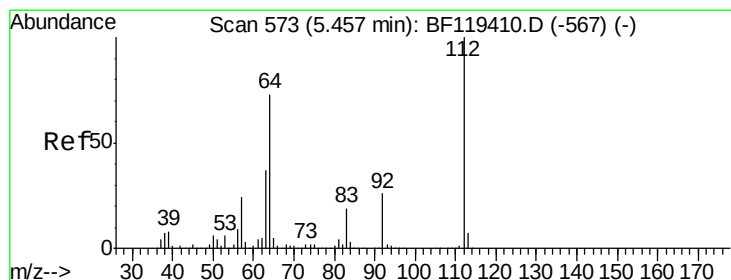
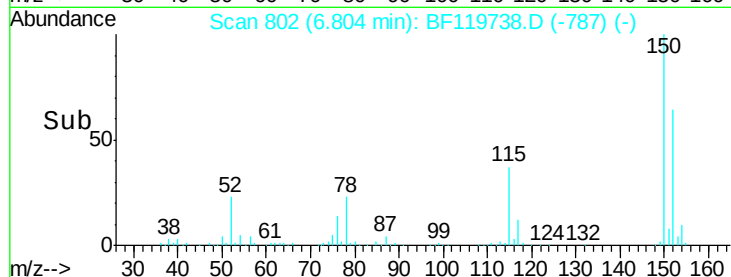
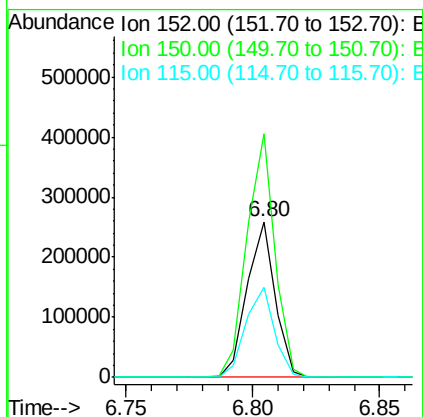
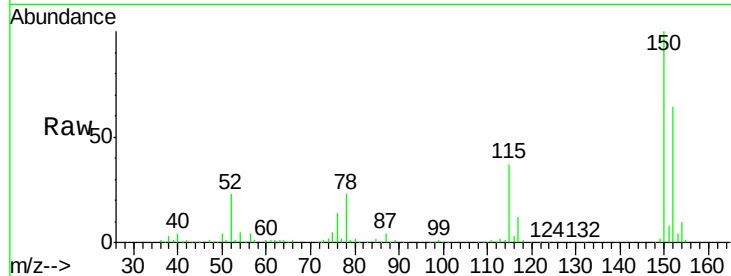


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119738.D
Acq: 4 Apr 2020 00:49

Instrument :
BNA_F
ClientSampleId :
SU-01-040120

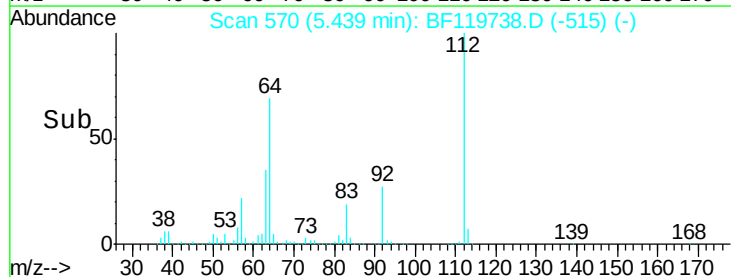
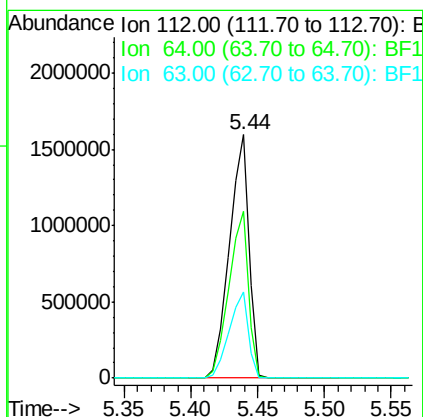
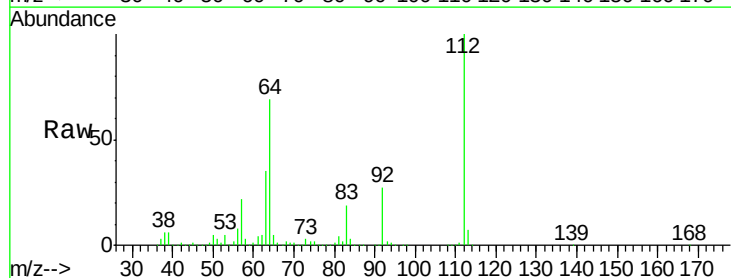
Tgt Ion:152 Resp: 200070
Ion Ratio Lower Upper
152 100
150 156.5 124.5 186.7
115 57.7 49.6 74.4

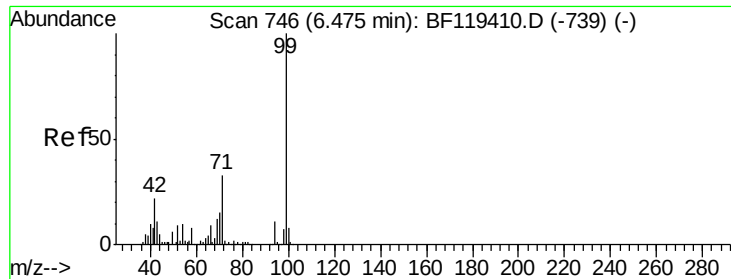


#5

2-Fluorophenol
Concen: 132.52 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF119738.D
Acq: 4 Apr 2020 00:49

Tgt Ion:112 Resp: 1665536
Ion Ratio Lower Upper
112 100
64 68.7 56.7 85.1
63 35.3 29.5 44.3





#7

Phenol-d6

Concen: 122.04 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119738.D

Acq: 4 Apr 2020 00:49

Instrument :

BNA_F

ClientSampleId :

SU-01-040120

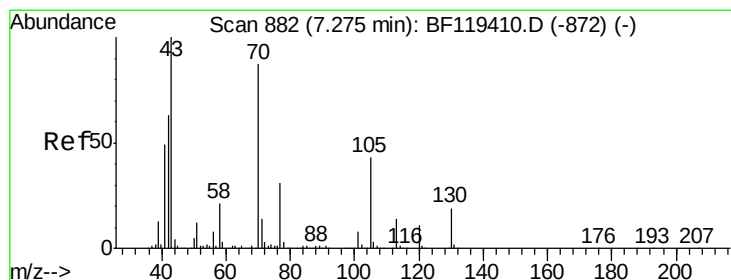
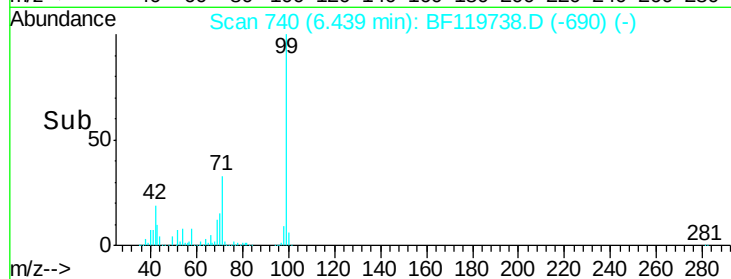
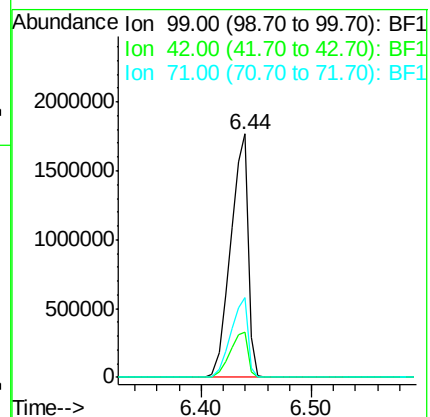
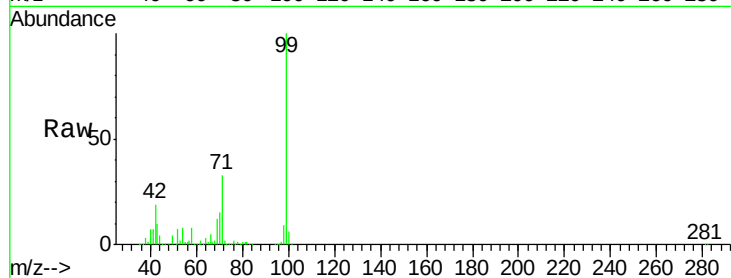
Tgt Ion: 99 Resp: 1959238

Ion Ratio Lower Upper

99 100

42 18.6 16.6 24.8

71 32.9 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.56 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF119738.D

Acq: 4 Apr 2020 00:49

Tgt Ion: 70 Resp: 179651

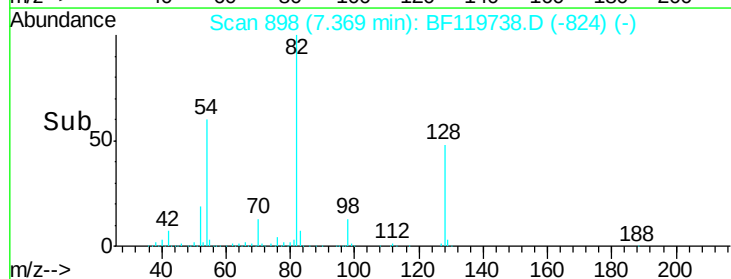
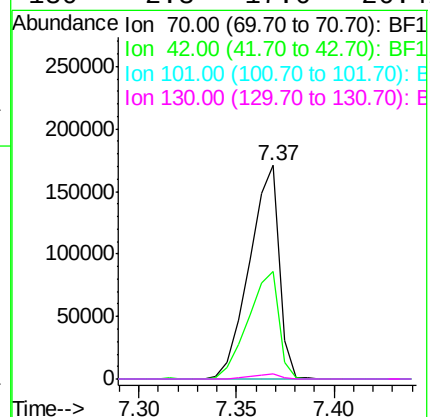
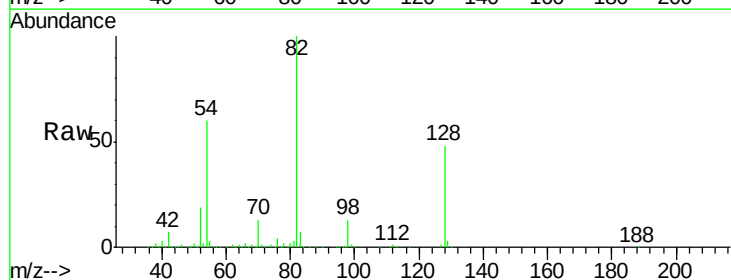
Ion Ratio Lower Upper

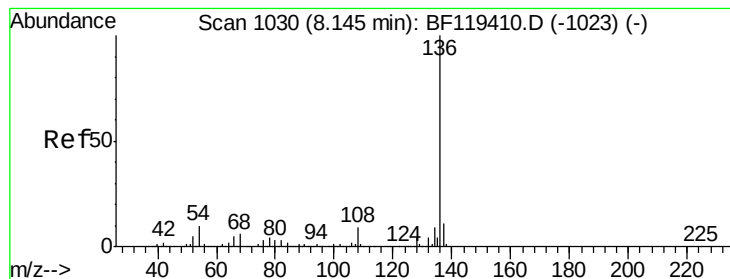
70 100

42 50.2 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119738.D

Acq: 4 Apr 2020 00:49

Instrument :

BNA_F

ClientSampleId :

SU-01-040120

Tgt Ion:136 Resp: 746596

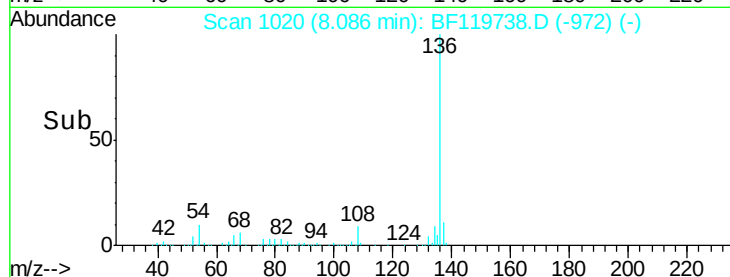
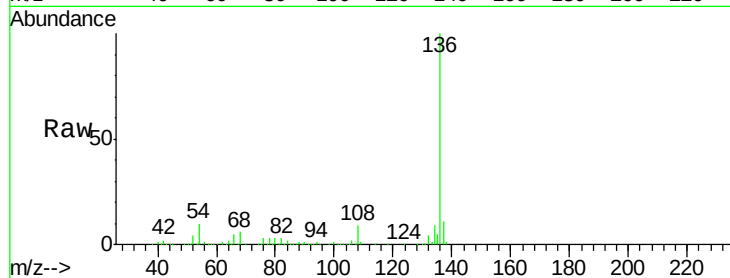
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.5 9.1 13.7

68 5.6 4.6 6.8

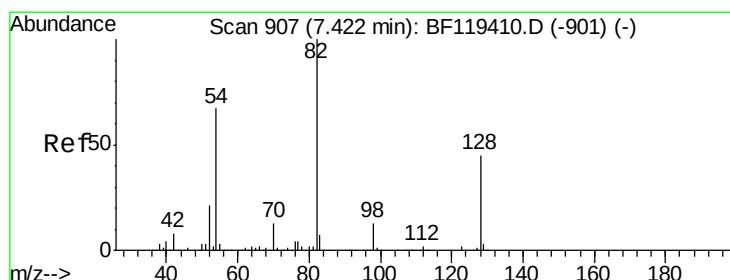
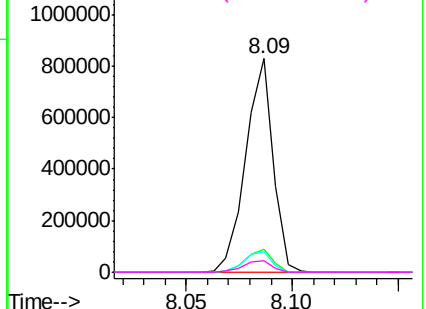


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.00 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF119738.D

Acq: 4 Apr 2020 00:49

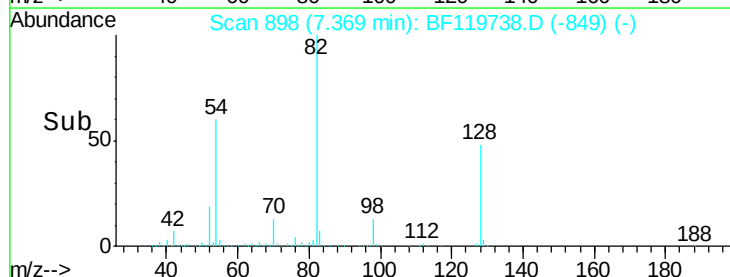
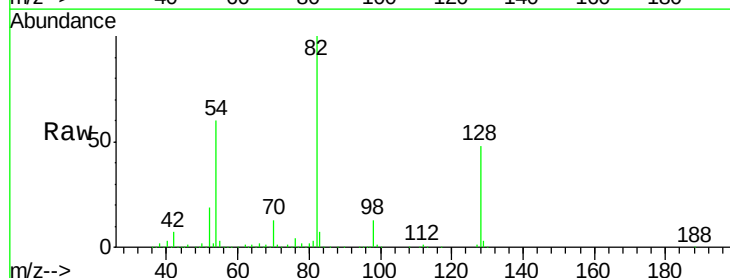
Tgt Ion: 82 Resp: 1373696

Ion Ratio Lower Upper

82 100

128 48.0 36.3 54.5

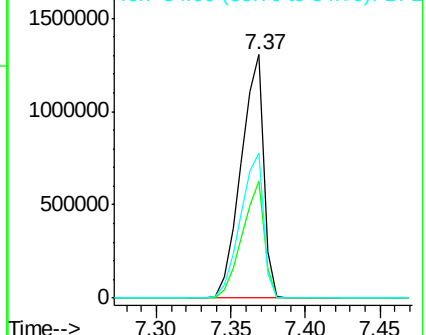
54 59.6 50.6 75.8

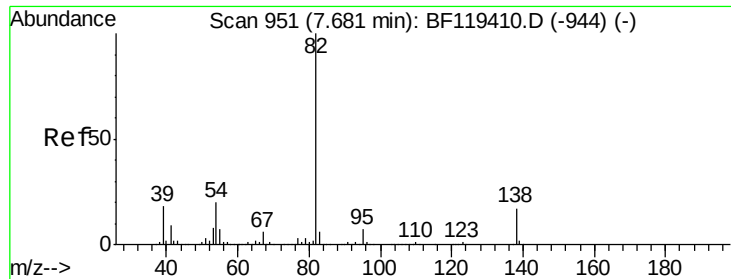


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.19 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF119738.D

Acq: 4 Apr 2020 00:49

Instrument :

BNA_F

ClientSampleId :

SU-01-040120

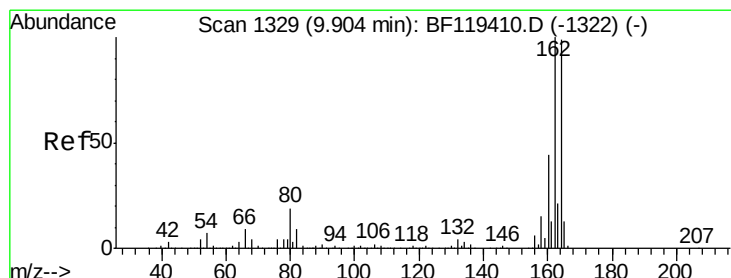
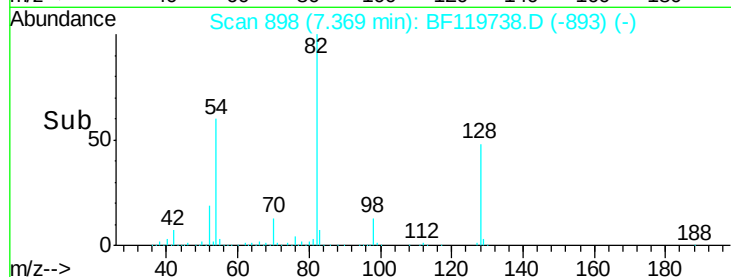
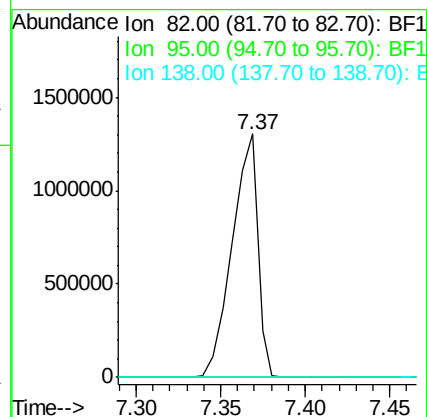
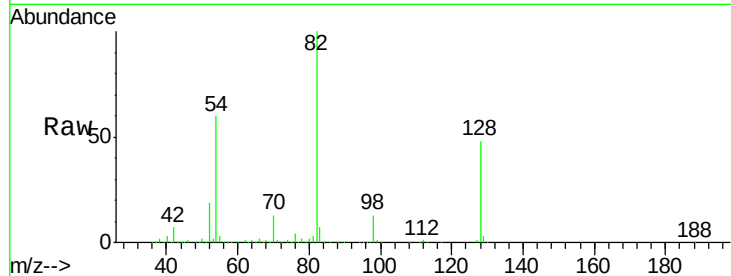
Tgt Ion: 82 Resp: 1370853

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: 9.85 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF119738.D

Acq: 4 Apr 2020 00:49

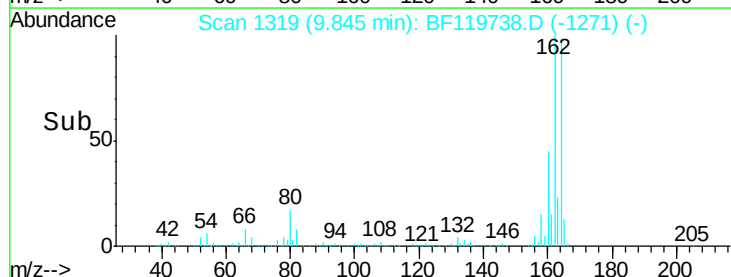
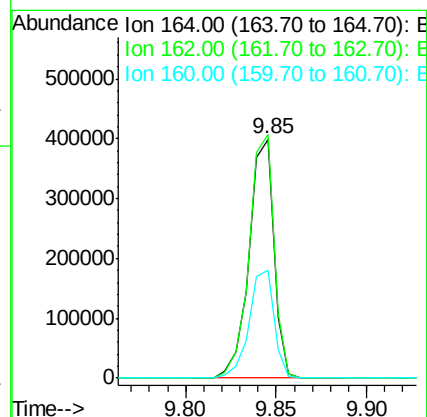
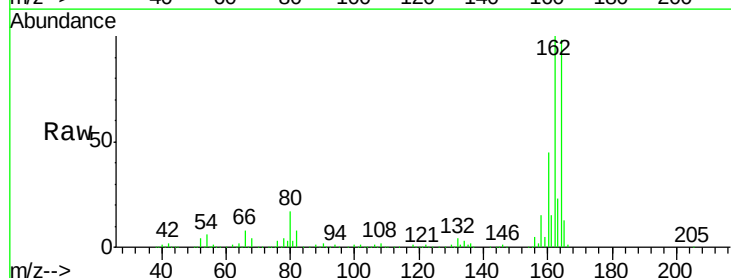
Tgt Ion: 164 Resp: 380514

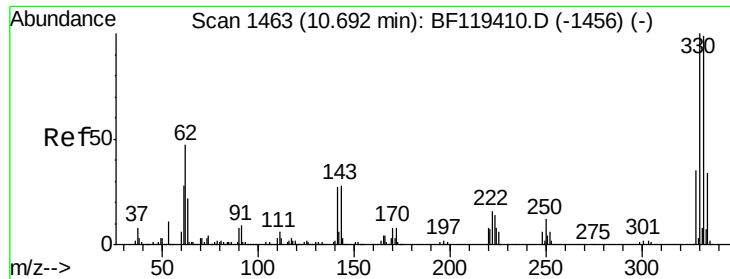
Ion Ratio Lower Upper

164 100

162 102.1 80.6 121.0

160 45.5 35.7 53.5

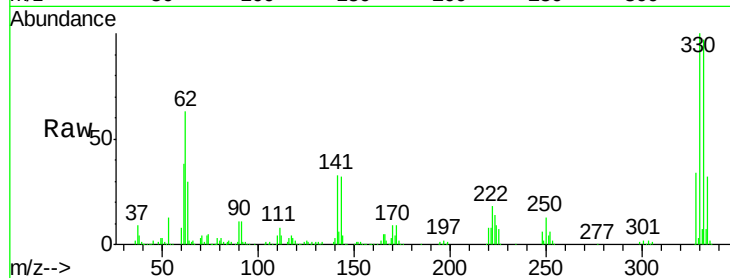




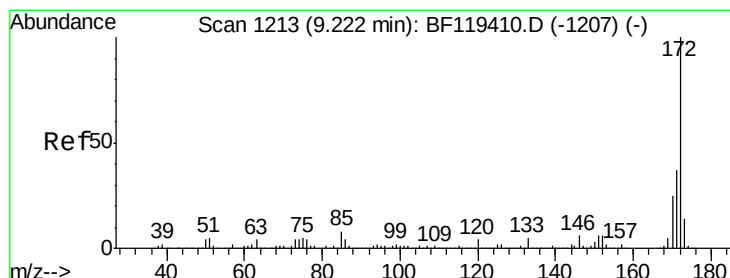
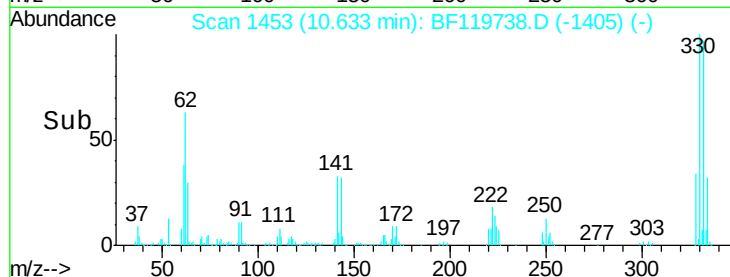
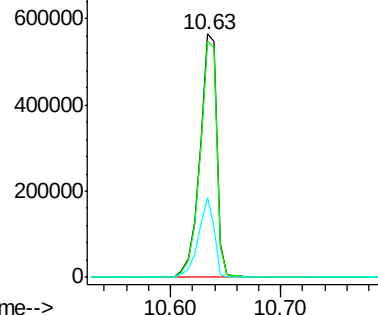
#42
 2,4,6-Tribromophenol
 Concen: 154.45 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: BF119738.D
 Acq: 4 Apr 2020 00:49

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-040120

Tgt Ion:330 Resp: 606308
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.7 113.5
 141 30.3 25.4 38.0

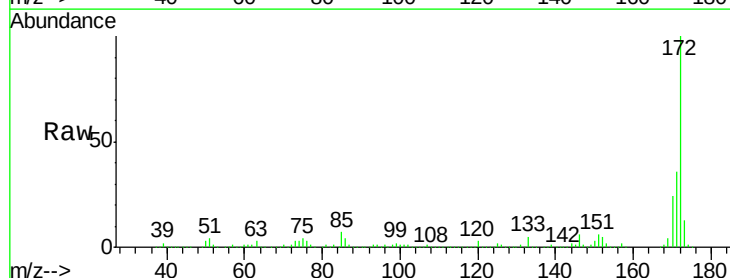


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

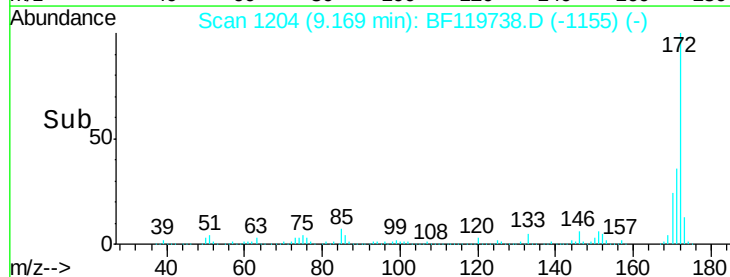
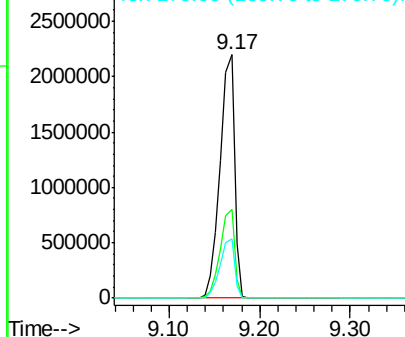


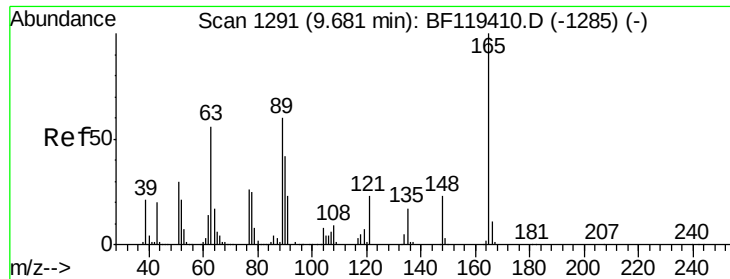
#45
 2-Fluorobiphenyl
 Concen: 93.88 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119738.D
 Acq: 4 Apr 2020 00:49

Tgt Ion:172 Resp: 2411346
 Ion Ratio Lower Upper
 172 100
 171 36.3 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





#51

2,6-Dinitrotoluene

Concen: 8.61 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.20 min

Lab File: BF119738.D

Acq: 4 Apr 2020 00:49

Instrument :

BNA_F

ClientSampleId :

SU-01-040120

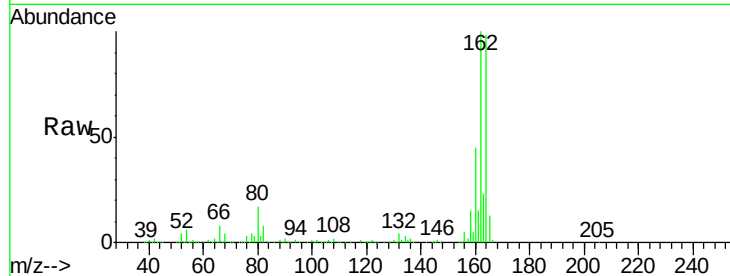
Tgt Ion:165 Resp: 49900

Ion Ratio Lower Upper

165 100

63 0.8 45.0 67.4#

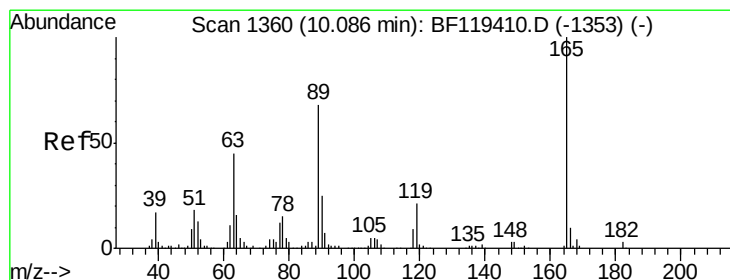
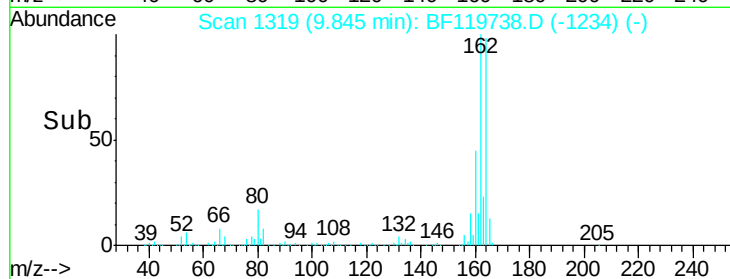
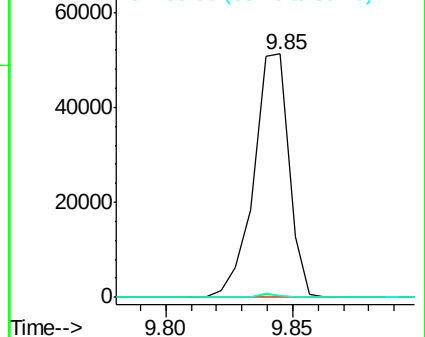
89 0.8 41.5 62.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57

2,4-Dinitrotoluene

Concen: 6.84 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.21 min

Lab File: BF119738.D

Acq: 4 Apr 2020 00:49

Tgt Ion:165 Resp: 49900

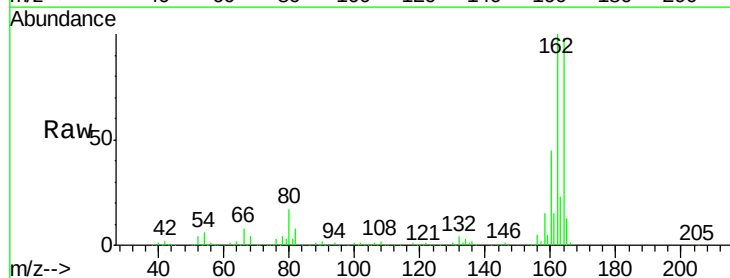
Ion Ratio Lower Upper

165 100

63 0.8 42.6 64.0#

89 0.8 61.0 91.4#

182 0.0 2.2 3.2#

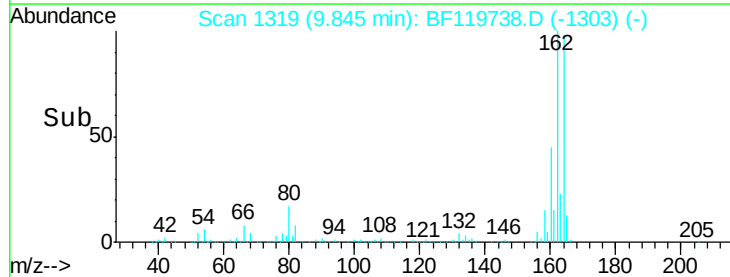
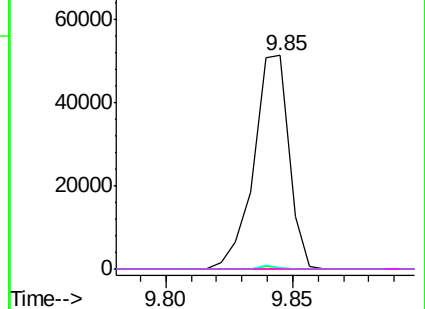


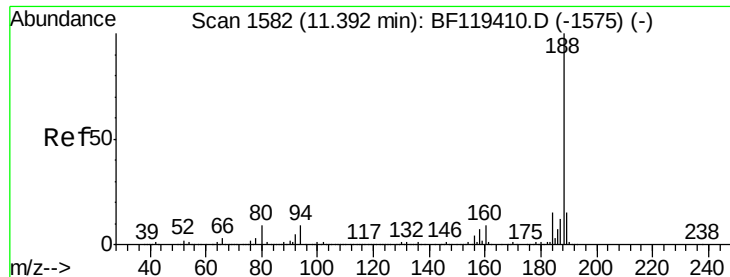
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

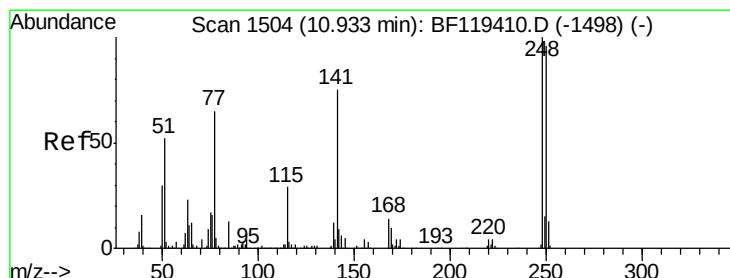
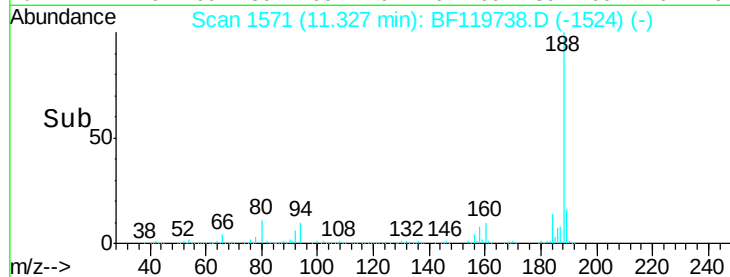
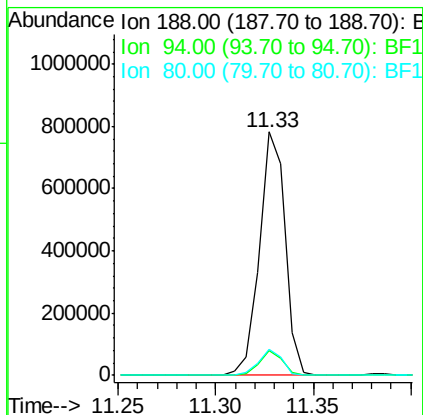
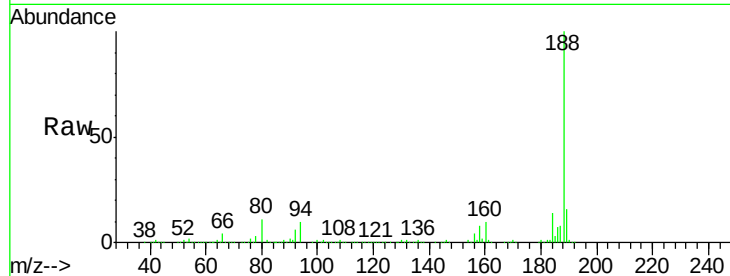




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF119738.D
Acq: 4 Apr 2020 00:49

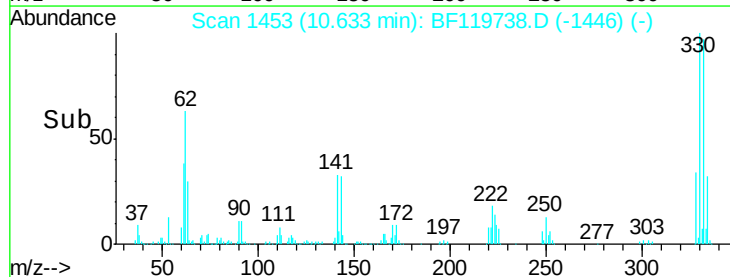
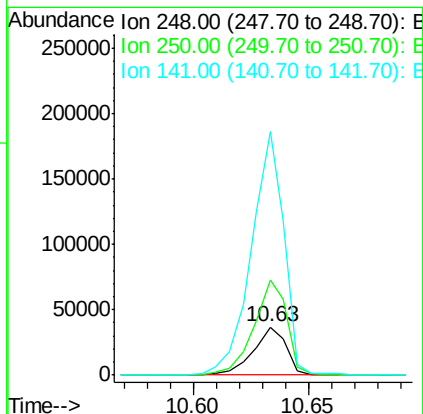
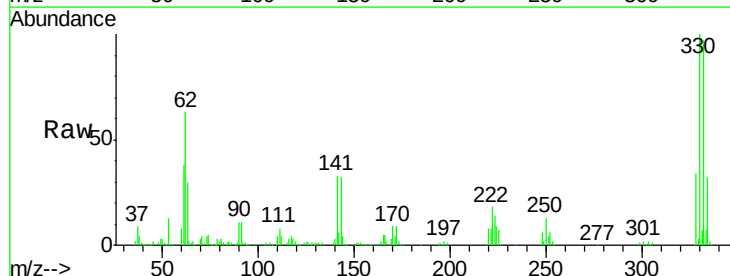
Instrument :
BNA_F
ClientSampleId :
SU-01-040120

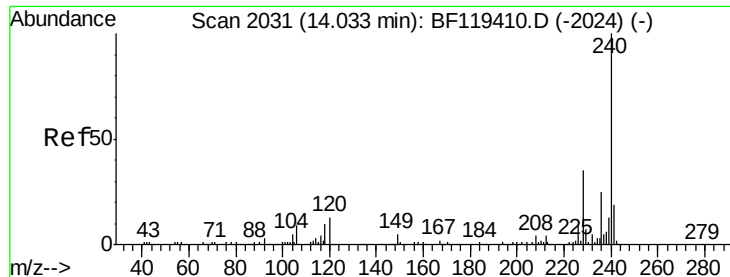
Tgt Ion:188 Resp: 712727
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 10.8 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.50 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.26 min
Lab File: BF119738.D
Acq: 4 Apr 2020 00:49

Tgt Ion:248 Resp: 36542
Ion Ratio Lower Upper
248 100
250 198.2 77.3 115.9#
141 509.5 58.6 87.8#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF119738.D

Acq: 4 Apr 2020 00:49

Instrument :

BNA_F

ClientSampleId :

SU-01-040120

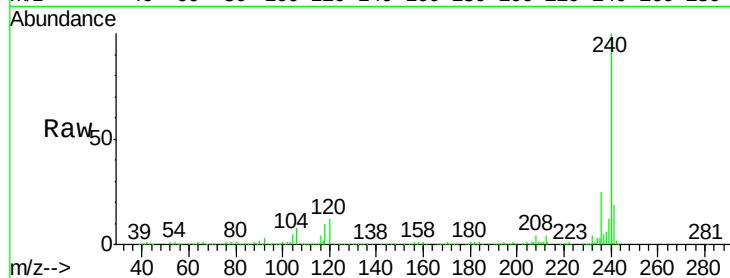
Tgt Ion:240 Resp: 450989

Ion Ratio Lower Upper

240 100

120 11.7 10.6 15.8

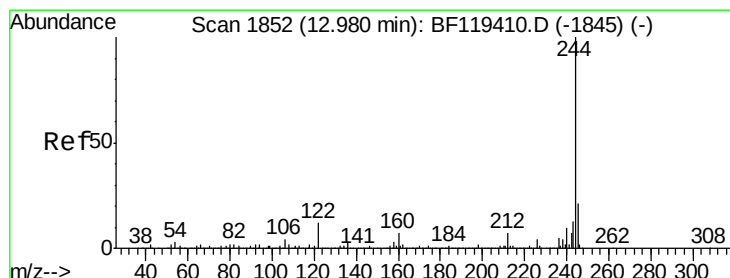
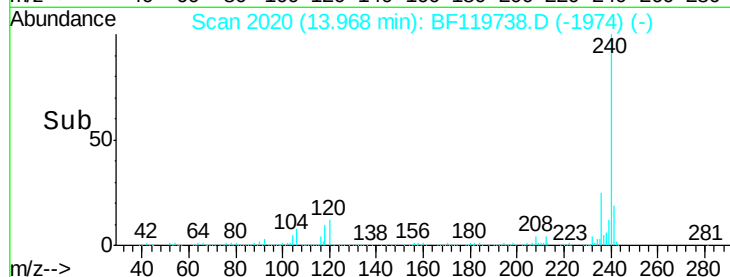
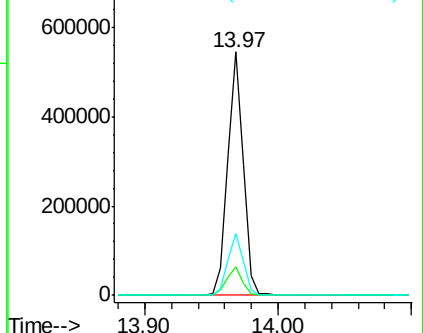
236 25.4 20.2 30.2



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: 112.43 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BF119738.D

Acq: 4 Apr 2020 00:49

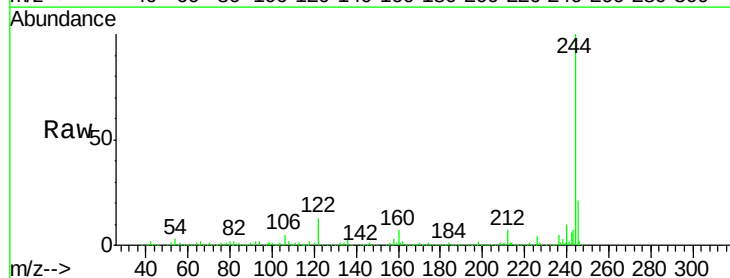
Tgt Ion:244 Resp: 2587956

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

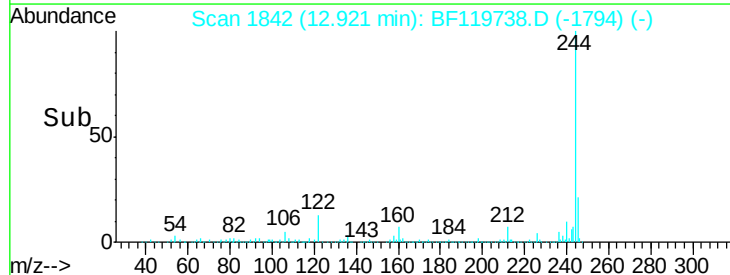
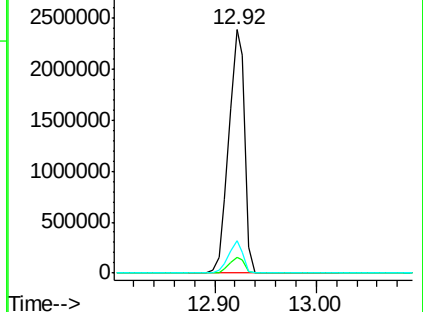
122 13.5 10.3 15.5

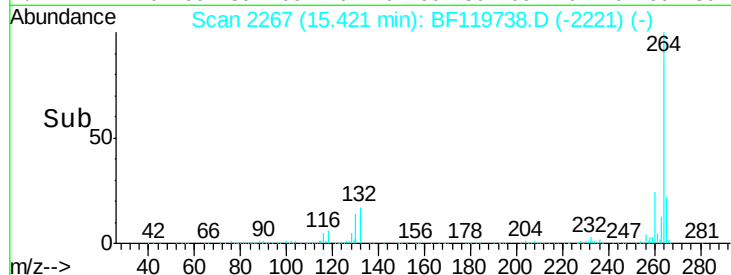
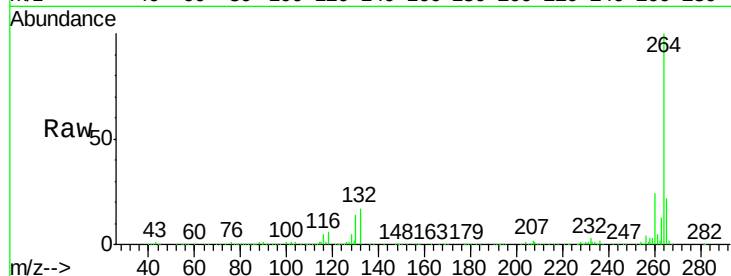
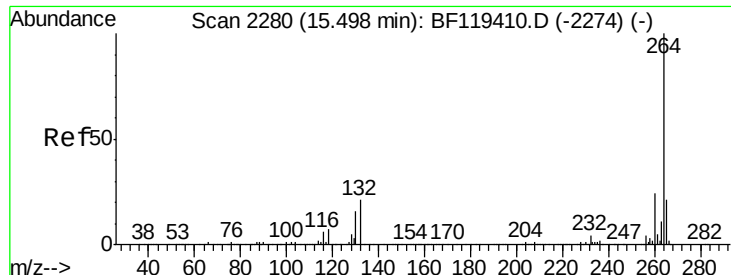


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 2267
Delta R.T. -0.03 min
Lab File: BF119738.D
Acq: 4 Apr 2020 00:49

Instrument :
BNA_F
ClientSampleId :
SU-01-040120

Tgt Ion:	264	Resp:	430549
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.2	17.7	26.5

