

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119686.D
 Acq On : 2 Apr 2020 00:22
 Operator : MA/SJ
 Sample : PB127937BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BL

Quant Time: Apr 02 02:43:54 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

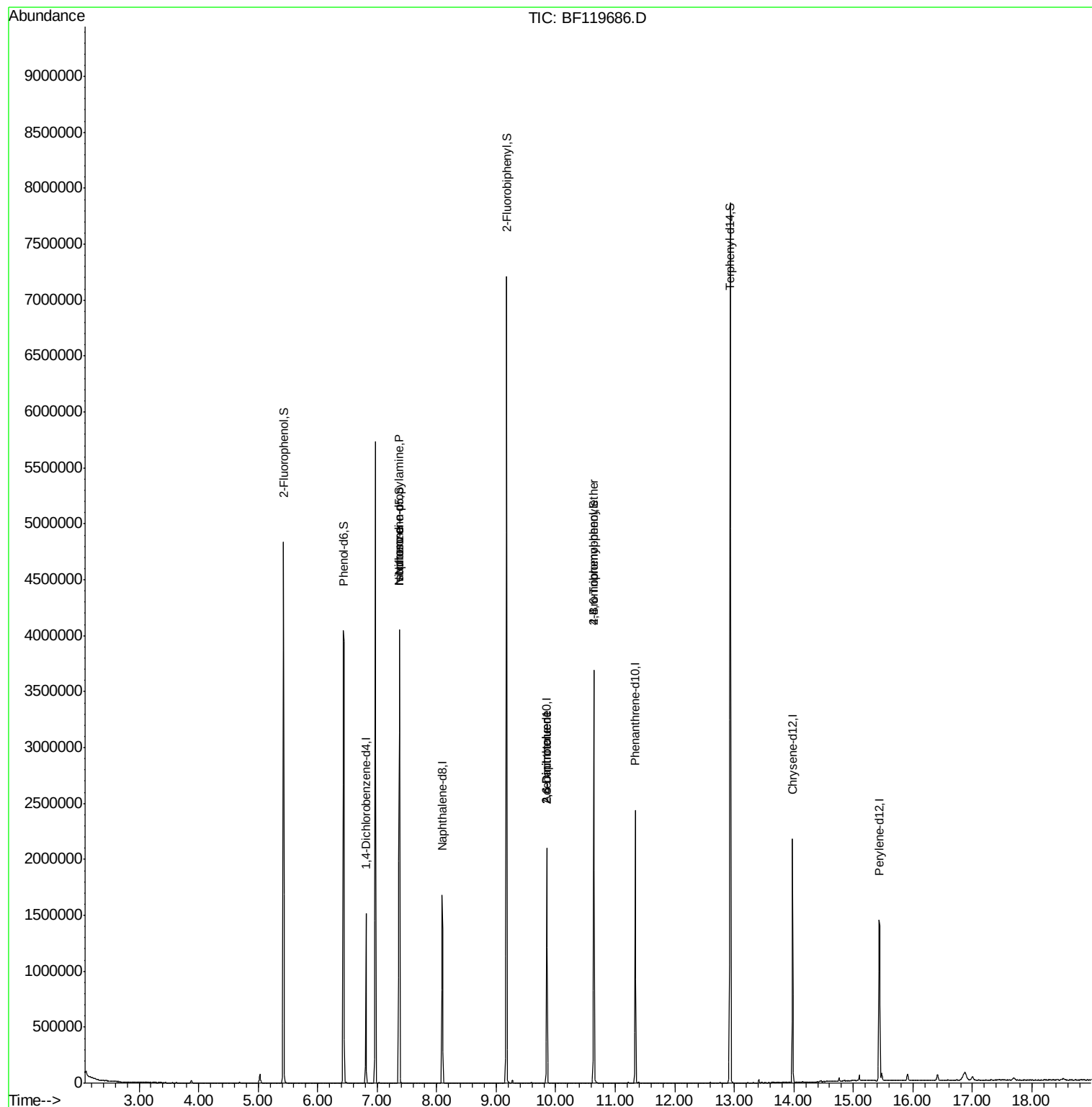
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	209479	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	790454	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	419438	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	843032	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	717961	20.00	ng	-0.02
87) Perylene-d12	15.43	264	706363	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1257663	95.57	ng	0.01
7) Phenol-d6	6.43	99	1583390	94.19	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1369116	94.13	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	436454	100.86	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2577742	91.05	ng	0.00
79) Terphenyl-d14	12.93	244	3175973	86.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	179757	17.74	ng	# 75
25) Isophorone	7.37	82	1369090	46.40	ng	# 65
51) 2,6-Dinitrotoluene	9.85	165	53051	8.31	ng	# 26
57) 2,4-Dinitrotoluene	9.85	165	53051	6.59	ng	# 20
67) 4-Bromophenyl-phenylether	10.64	248	26299	2.74	ng	# 1

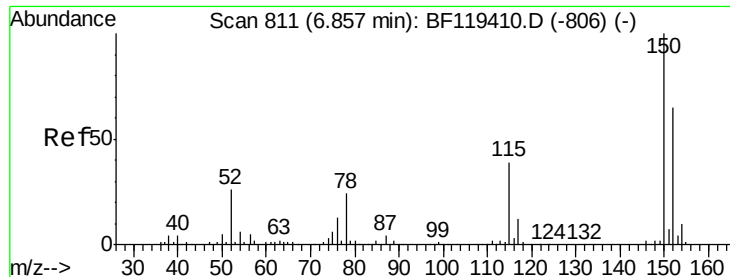
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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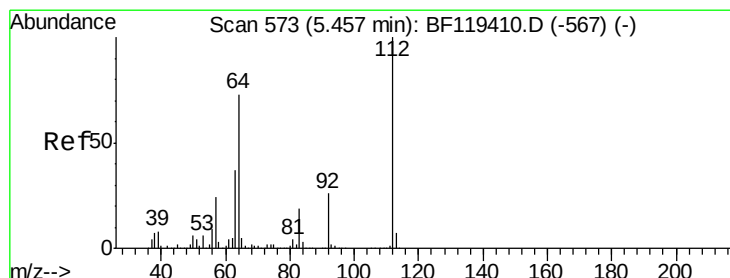
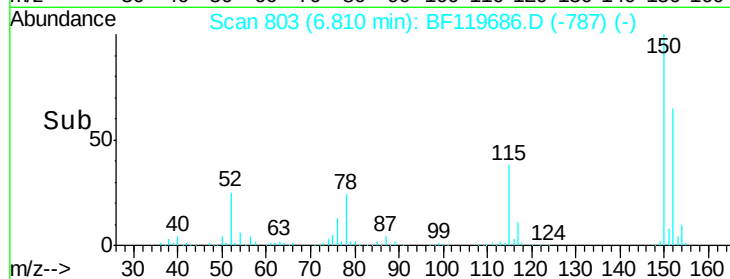
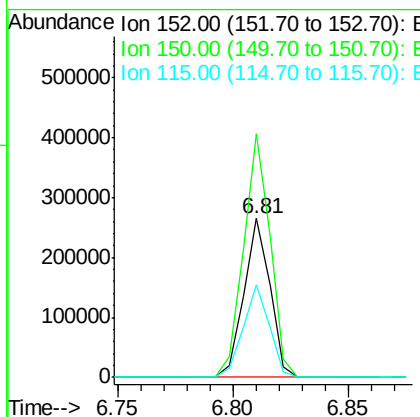
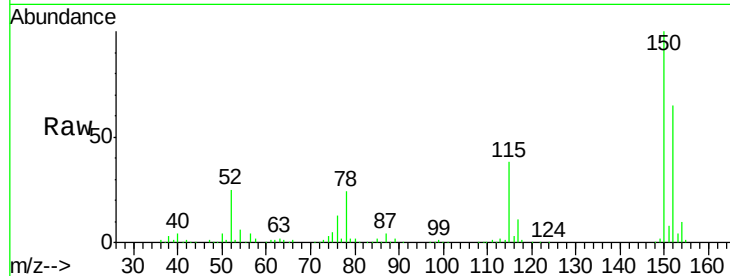




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF119686.D
 Acq: 2 Apr 2020 00:22

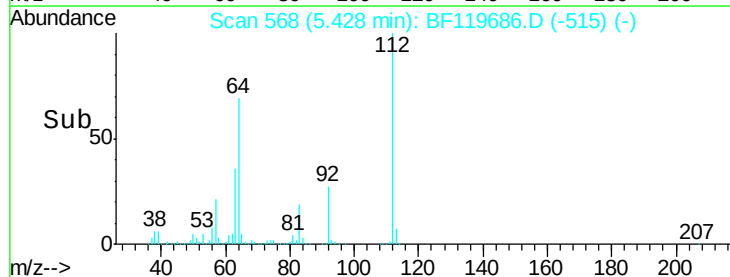
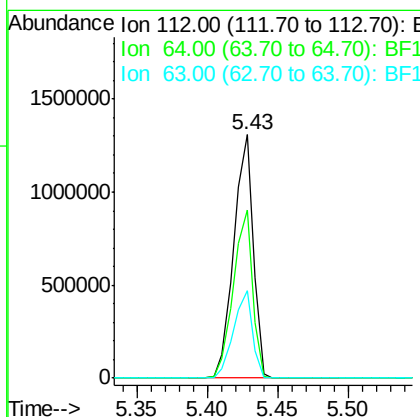
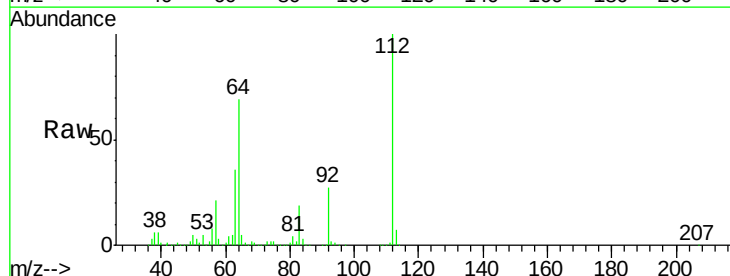
Instrument :
 BNA_F
 ClientSampleId :
 PB127937BL

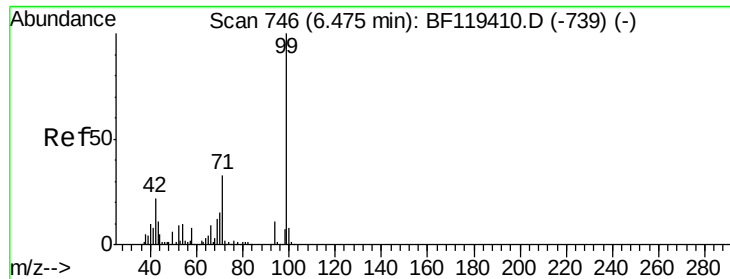
Tgt Ion:152 Resp: 209479
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.5 186.7
 115 58.3 49.6 74.4



#5
 2-Fluorophenol
 Concen: 95.57 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF119686.D
 Acq: 2 Apr 2020 00:22

Tgt Ion:112 Resp: 1257663
 Ion Ratio Lower Upper
 112 100
 64 69.0 56.7 85.1
 63 35.8 29.5 44.3





#7

Phenol-d6

Concen: 94.19 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF119686.D

Acq: 2 Apr 2020 00:22

Instrument :

BNA_F

ClientSampleId :

PB127937BL

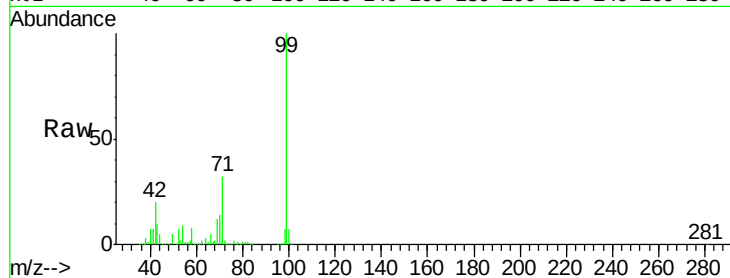
Tgt Ion: 99 Resp: 1583390

Ion Ratio Lower Upper

99 100

42 19.7 16.6 24.8

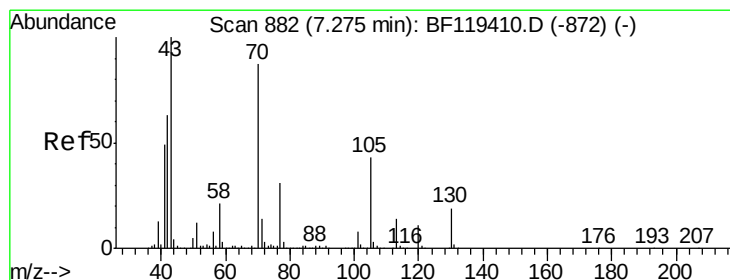
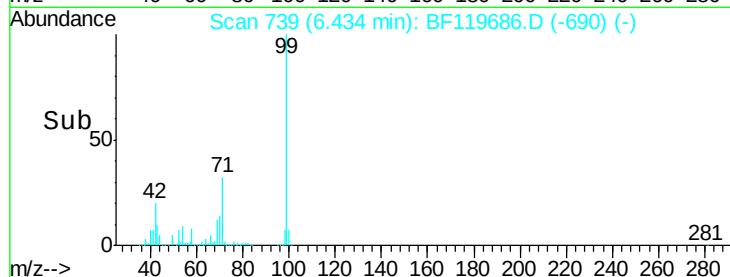
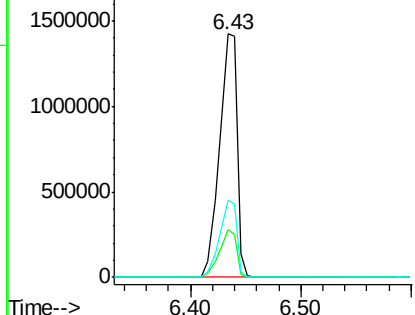
71 31.9 26.4 39.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.74 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF119686.D

Acq: 2 Apr 2020 00:22

Tgt Ion: 70 Resp: 179757

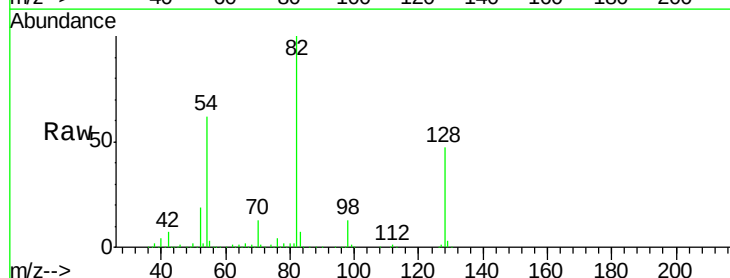
Ion Ratio Lower Upper

70 100

42 52.1 54.5 81.7#

101 0.0 7.6 11.4#

130 2.1 17.6 26.4#

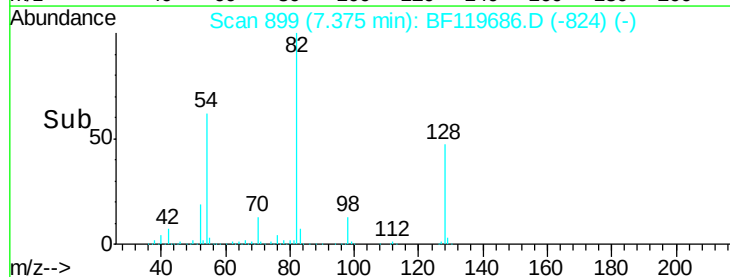
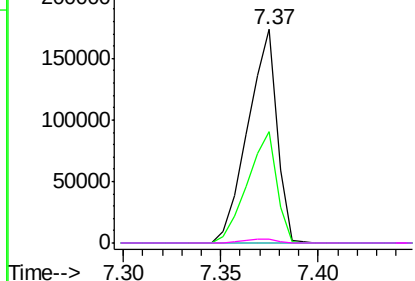


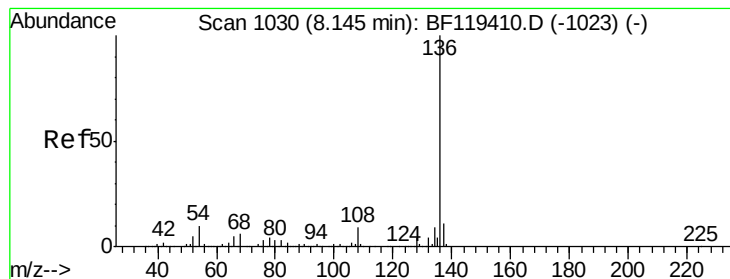
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF119686.D

Acq: 2 Apr 2020 00:22

Instrument :

BNA_F

ClientSampleId :

PB127937BL

Tgt Ion:136 Resp: 790454

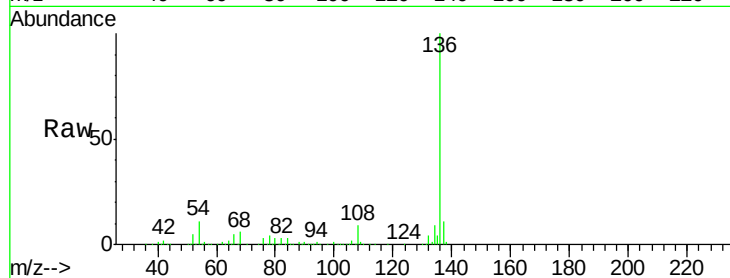
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.8 9.1 13.7

68 6.2 4.6 6.8

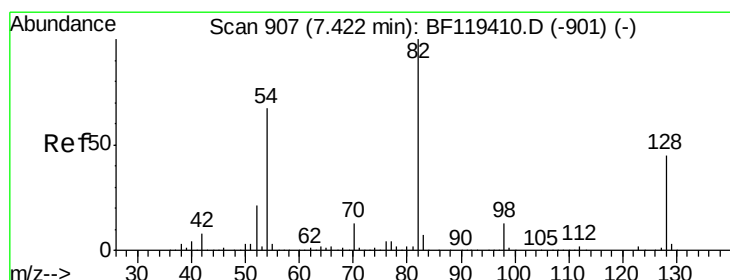
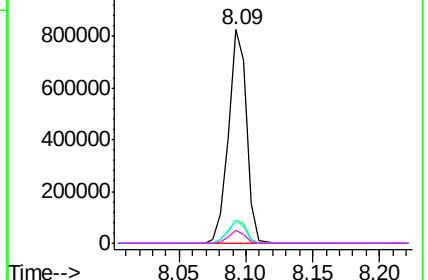
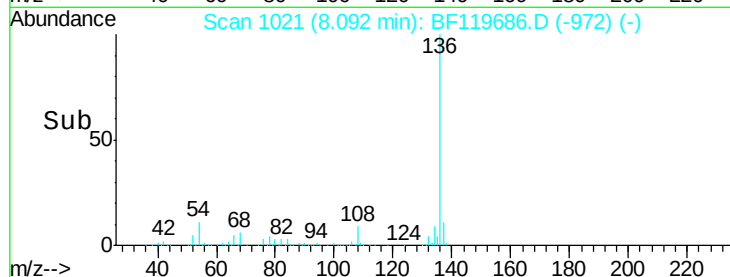


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.13 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF119686.D

Acq: 2 Apr 2020 00:22

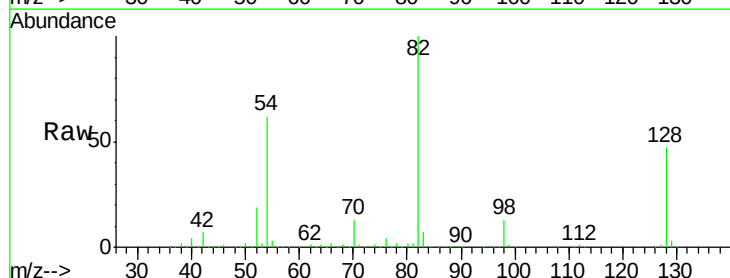
Tgt Ion: 82 Resp: 1369116

Ion Ratio Lower Upper

82 100

128 46.7 36.3 54.5

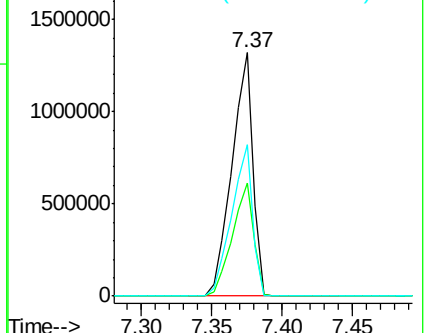
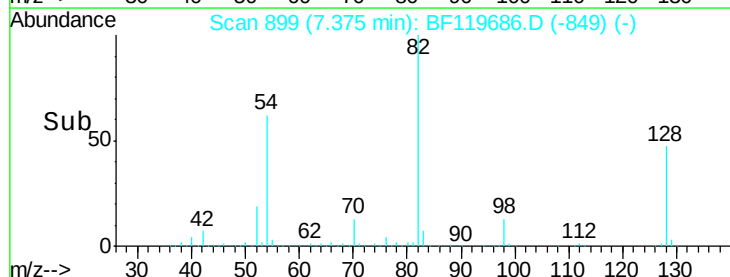
54 62.3 50.6 75.8

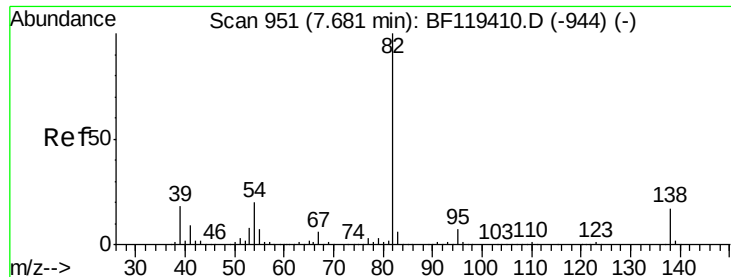


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.40 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF119686.D

Acq: 2 Apr 2020 00:22

Instrument :

BNA_F

ClientSampleId :

PB127937BL

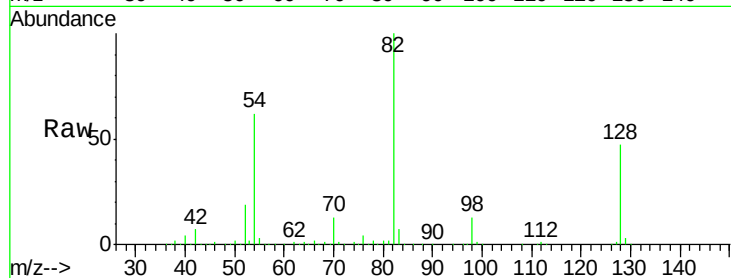
Tgt Ion: 82 Resp: 1369090

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

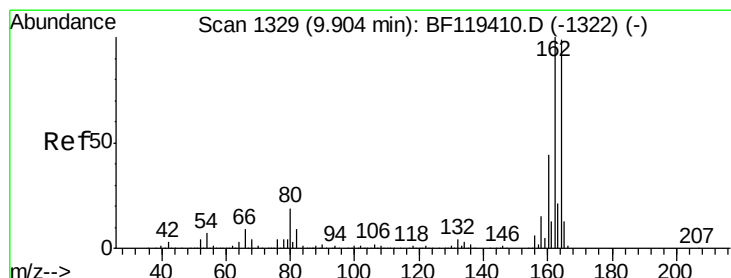
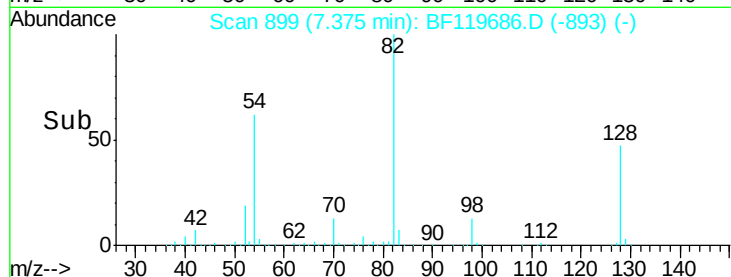
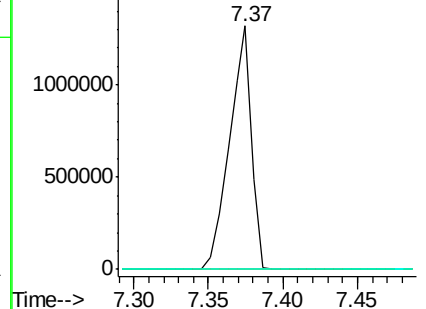
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF119686.D

Acq: 2 Apr 2020 00:22

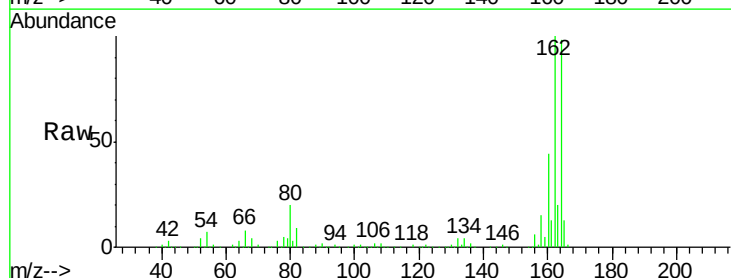
Tgt Ion: 164 Resp: 419438

Ion Ratio Lower Upper

164 100

162 102.2 80.6 121.0

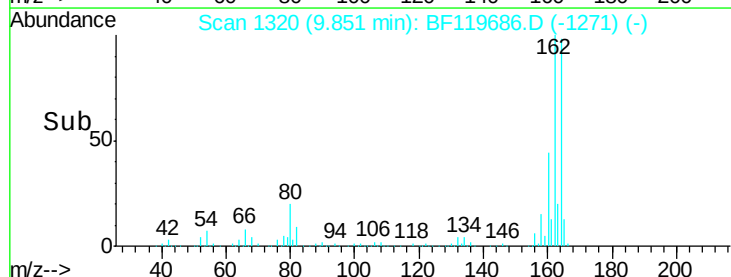
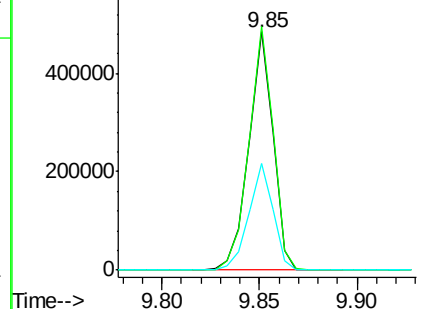
160 44.8 35.7 53.5

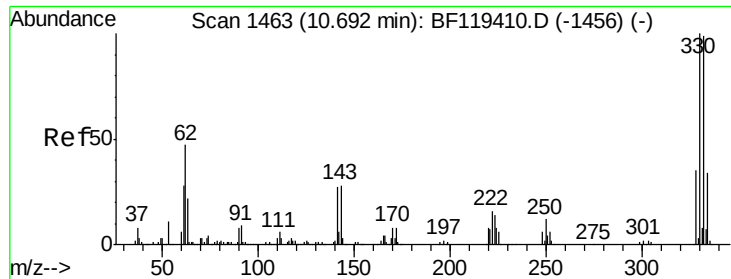


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 100.86 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF119686.D

Acq: 2 Apr 2020 00:22

Instrument :

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ClientSampleId :

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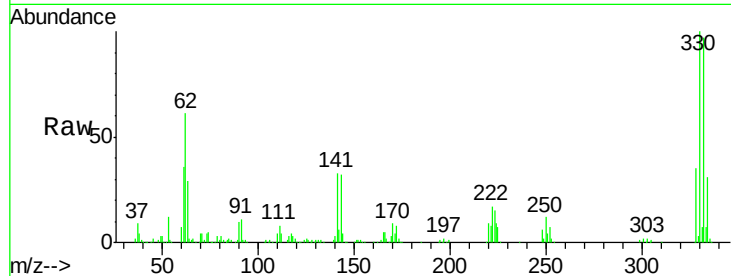
Tgt Ion:330 Resp: 436454

Ion Ratio Lower Upper

330 100

332 97.1 75.7 113.5

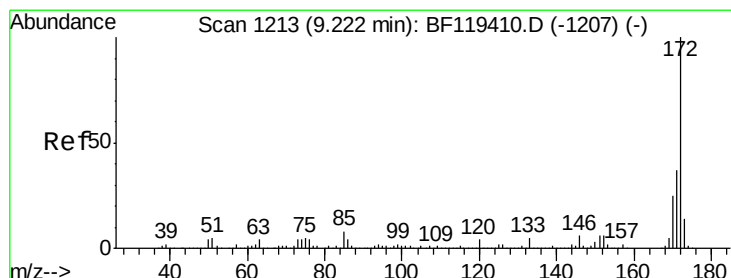
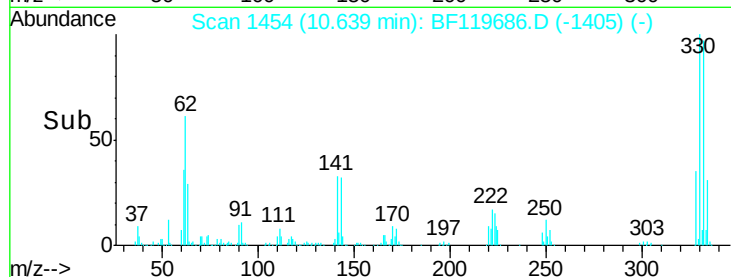
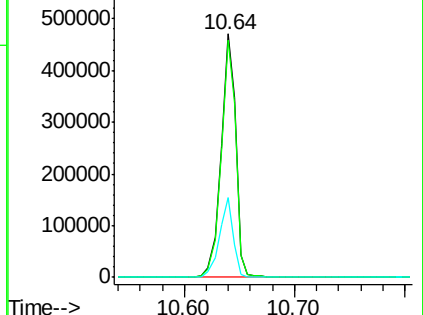
141 30.5 25.4 38.0



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: 91.05 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF119686.D

Acq: 2 Apr 2020 00:22

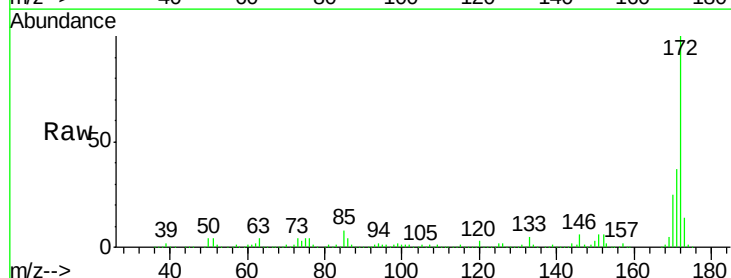
Tgt Ion:172 Resp: 2577742

Ion Ratio Lower Upper

172 100

171 36.9 29.6 44.4

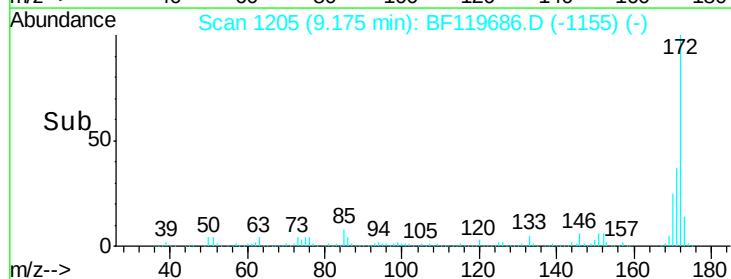
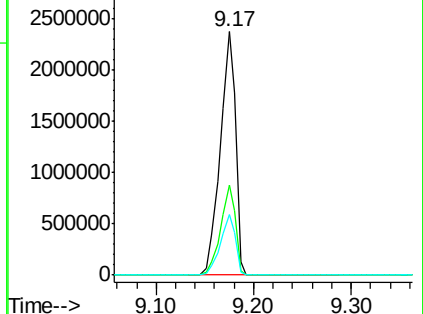
170 24.8 20.2 30.2

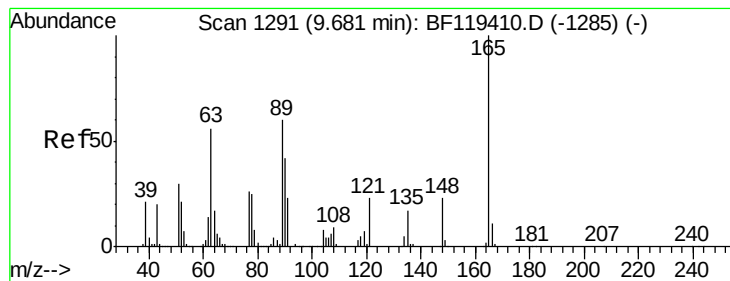


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 8.31 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.21 min

Lab File: BF119686.D

Acq: 2 Apr 2020 00:22

Instrument :

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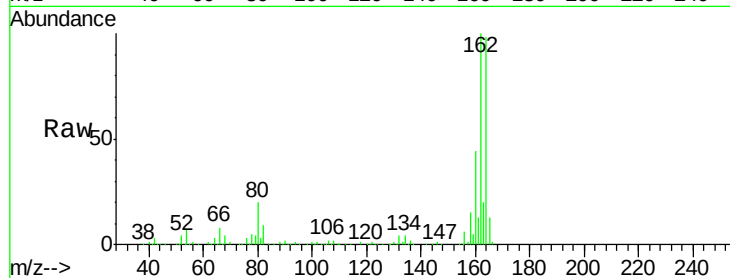
Tgt Ion:165 Resp: 53051

Ion Ratio Lower Upper

165 100

63 1.1 45.0 67.4#

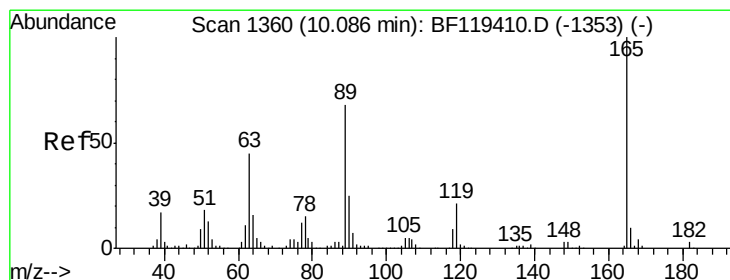
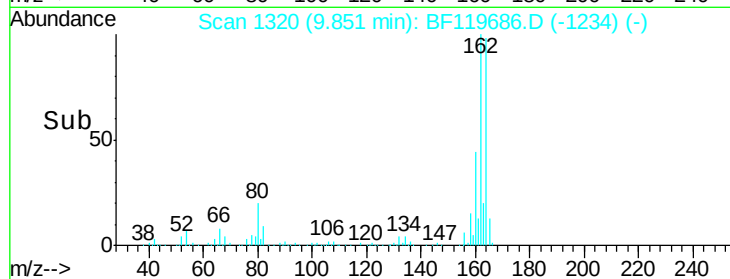
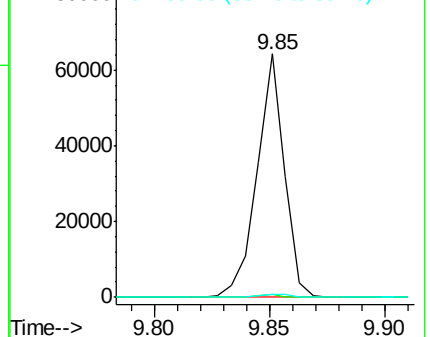
89 1.3 41.5 62.3#



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: 6.59 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.20 min

Lab File: BF119686.D

Acq: 2 Apr 2020 00:22

Tgt Ion:165 Resp: 53051

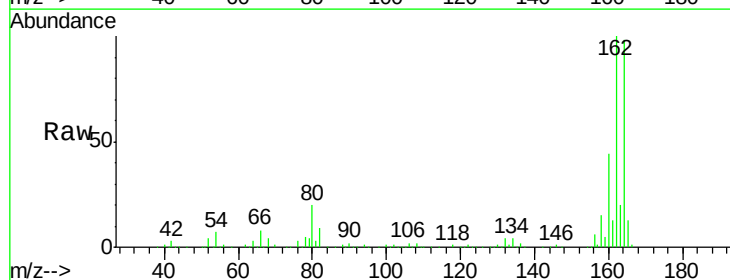
Ion Ratio Lower Upper

165 100

63 1.1 42.6 64.0#

89 1.3 61.0 91.4#

182 0.0 2.2 3.2#

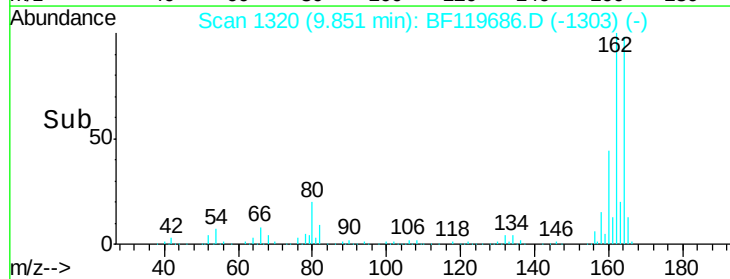
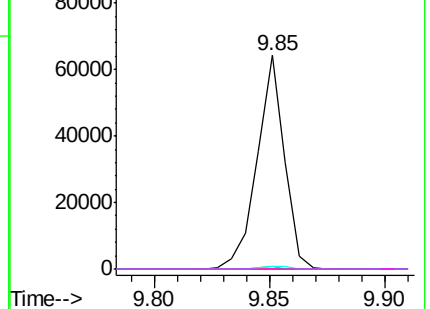


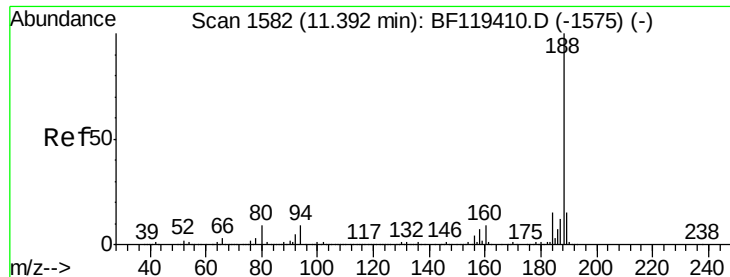
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF119686.D

Acq: 2 Apr 2020 00:22

Instrument :

BNA_F

ClientSampleId :

PB127937BL

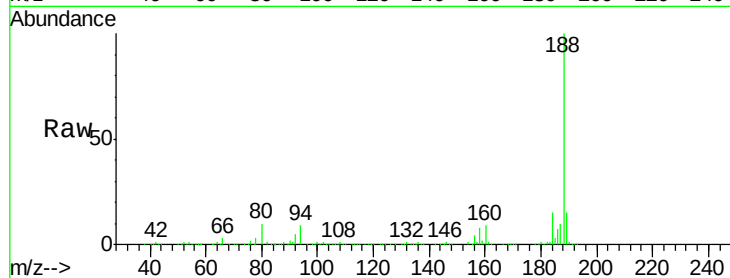
Tgt Ion:188 Resp: 843032

Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

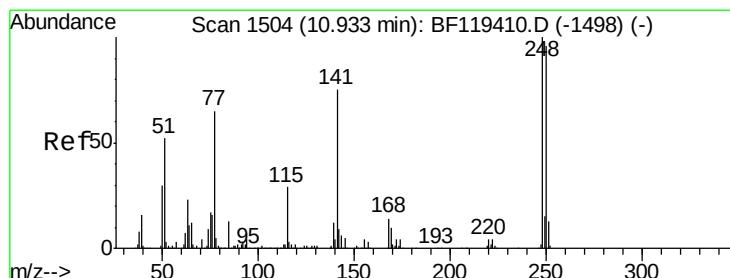
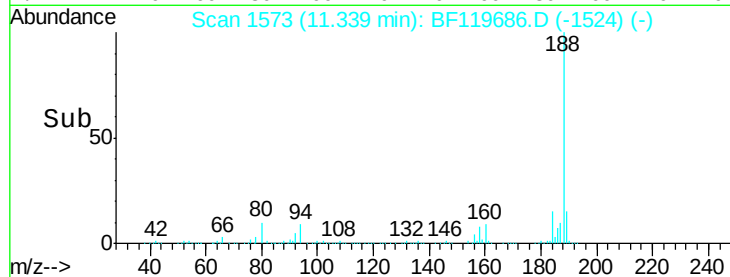
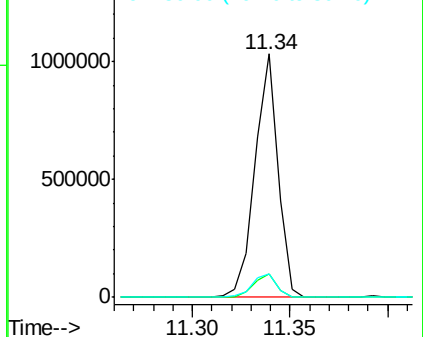
80 9.6 9.0 13.4



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: 2.74 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.25 min

Lab File: BF119686.D

Acq: 2 Apr 2020 00:22

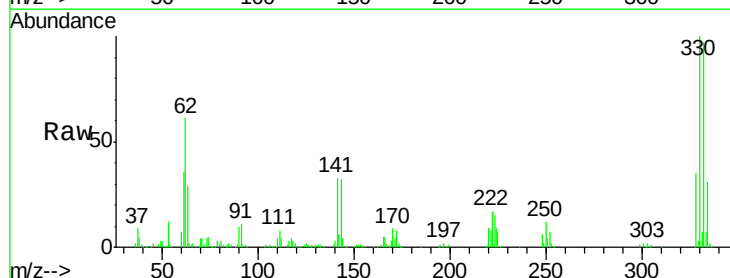
Tgt Ion:248 Resp: 26299

Ion Ratio Lower Upper

248 100

250 189.9 77.3 115.9#

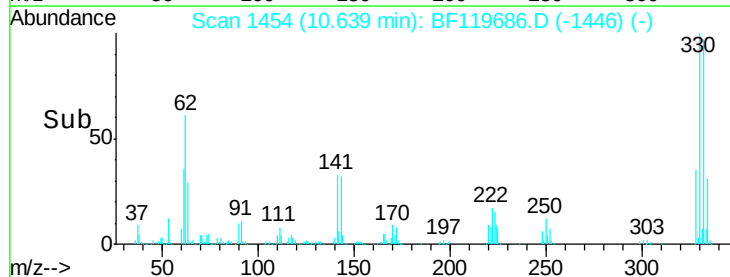
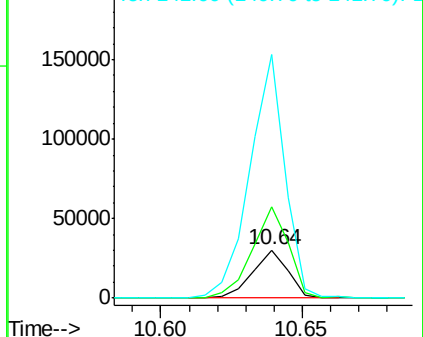
141 504.1 58.6 87.8#

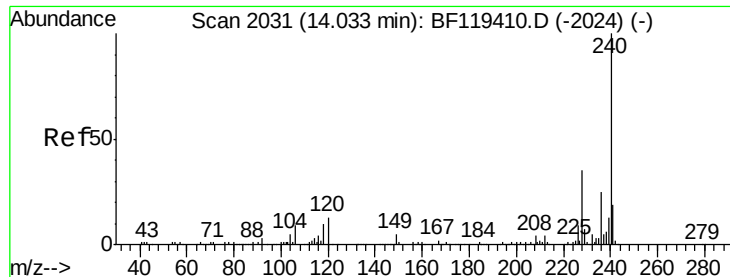


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

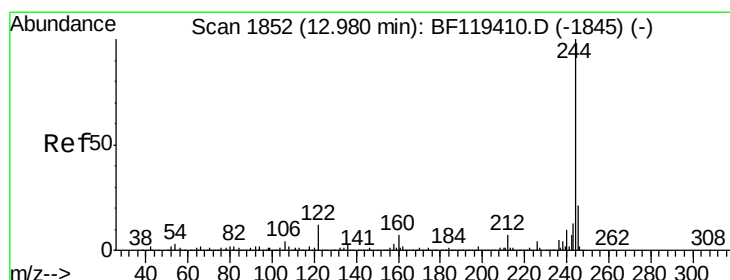
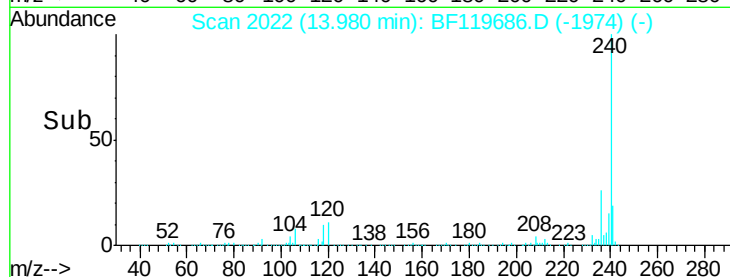
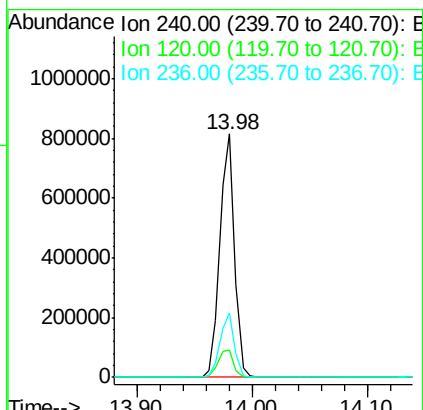
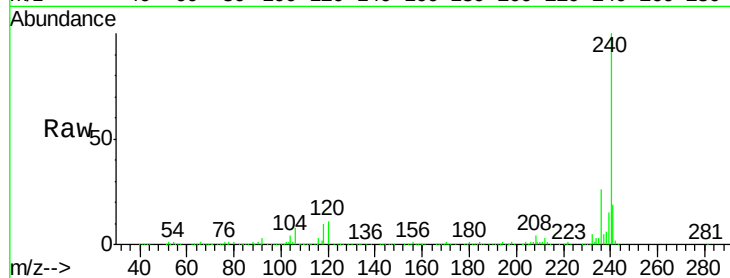




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF119686.D
Acq: 2 Apr 2020 00:22

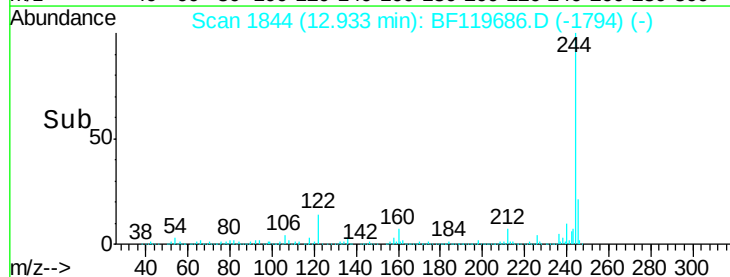
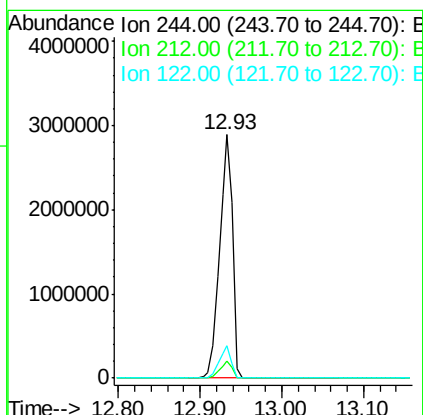
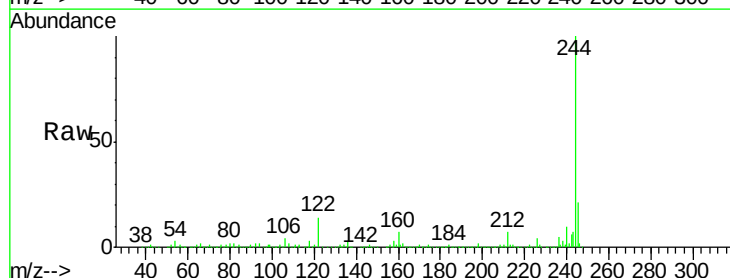
Instrument :
BNA_F
ClientSampleId :
PB127937BL

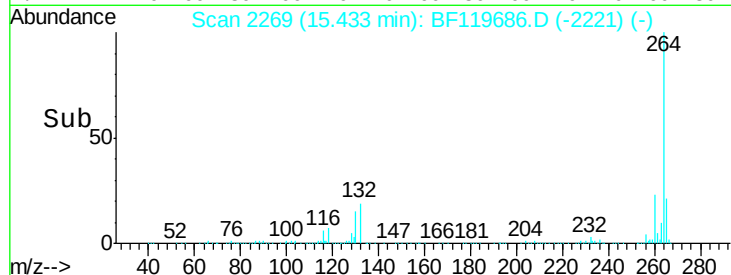
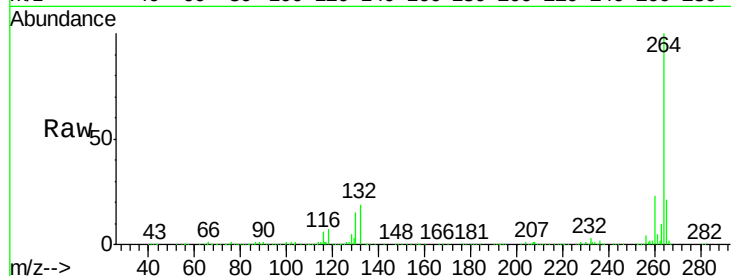
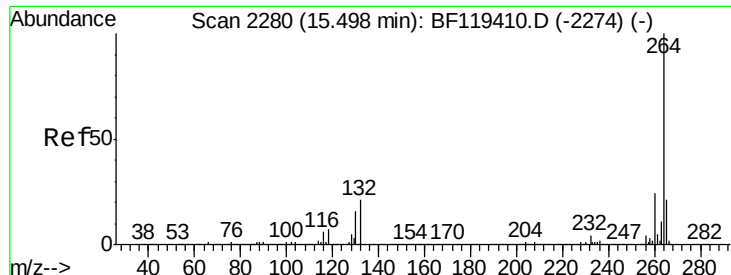
Tgt Ion:240 Resp: 717961
Ion Ratio Lower Upper
240 100
120 11.0 10.6 15.8
236 26.3 20.2 30.2



#79
Terphenyl-d14
Concen: 86.67 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF119686.D
Acq: 2 Apr 2020 00:22

Tgt Ion:244 Resp: 3175973
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 13.6 10.3 15.5





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF119686.D
Acq: 2 Apr 2020 00:22

Instrument :
BNA_F
ClientSampleId :
PB127937BL

Tgt Ion:	264	Resp:	706363
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.7	28.1
265	21.4	17.7	26.5

