

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
 Data File : BF120975.D
 Acq On : 22 Jul 2020 20:41
 Operator : JU/CG
 Sample : L3368-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 00:56:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	173713	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	669337	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	354255	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	682698	20.00	ng	0.00
76) Chrysene-d12	13.97	240	575433	20.00	ng	0.00
86) Perylene-d12	15.42	264	493799	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	610347	57.60	ng	0.00
7) Phenol-d6	6.43	99	446917	32.65	ng	-0.01
23) Nitrobenzene-d5	7.37	82	967927	83.68	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	438914	113.19	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1658062	69.88	ng	0.00
79) Terphenyl-d14	12.92	244	1806489	68.24	ng	0.00

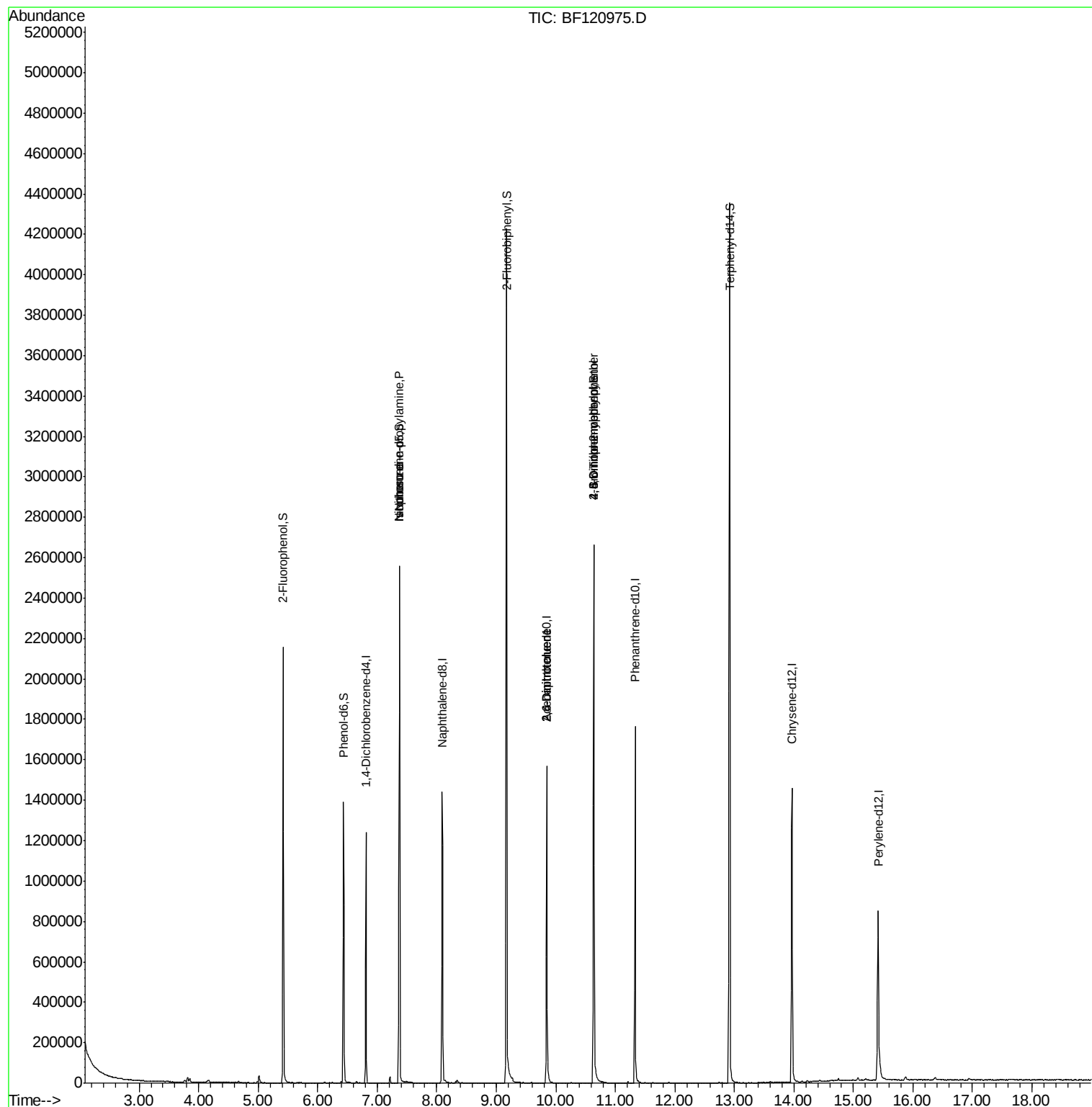
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	547	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.37	70	128355	16.491	ng	# 79
25) Isophorone	7.37	82	965322	41.814	ng	# 63
51) 2,6-Dinitrotoluene	9.85	165	44889	8.175	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	44891	6.226	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.64	198	877	4.047	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	24768	3.254	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
Data File : BF120975.D
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Operator : JU/CG
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 23 00:56:23 2020
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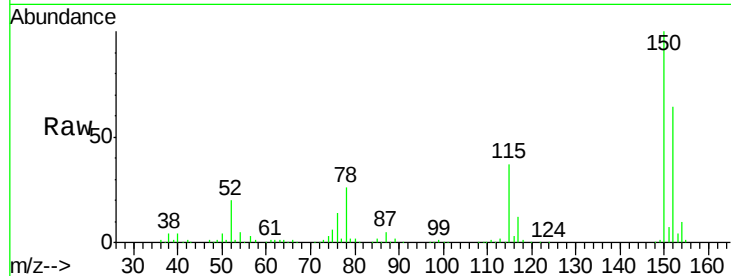


#1

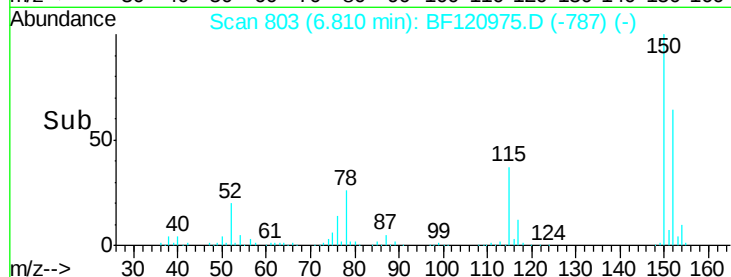
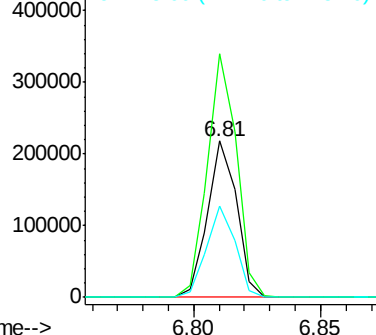
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120975.D
Acq: 22 Jul 2020 20:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 173713
Ion Ratio Lower Upper
152 100
150 155.5 125.0 187.6
115 58.3 47.0 70.4



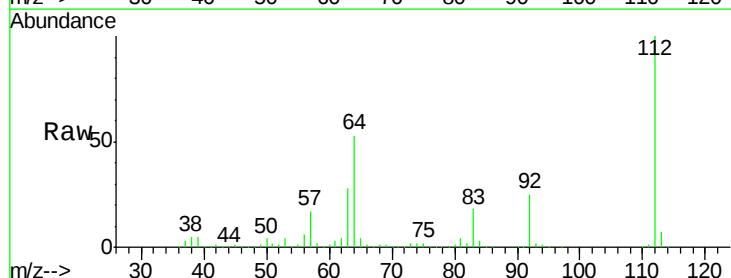
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



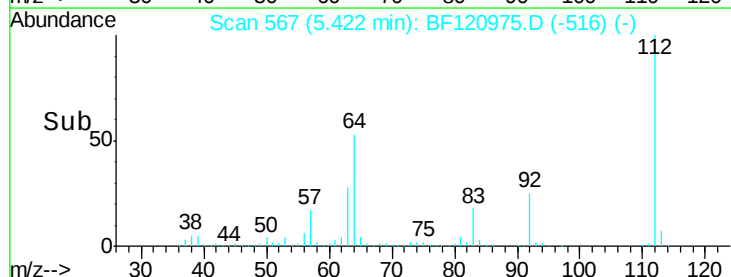
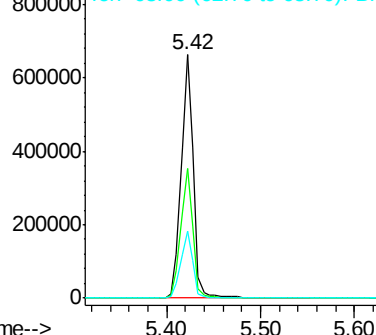
#5

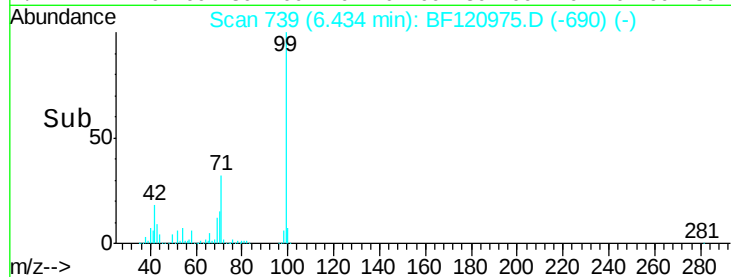
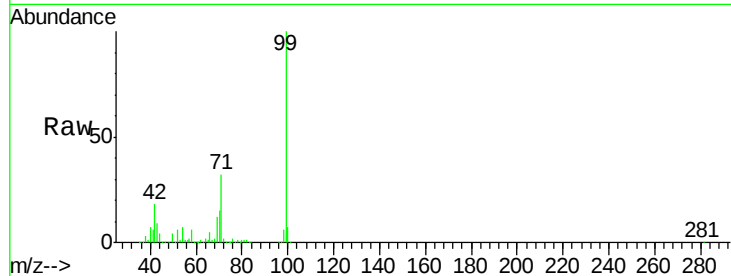
2-Fluorophenol
Concen: 57.599 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF120975.D
Acq: 22 Jul 2020 20:41

Tgt Ion:112 Resp: 610347
Ion Ratio Lower Upper
112 100
64 53.4 41.3 61.9
63 27.7 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 32.651 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120975.D

Acq: 22 Jul 2020 20:41

Instrument :

BNA_F

ClientSampleId :

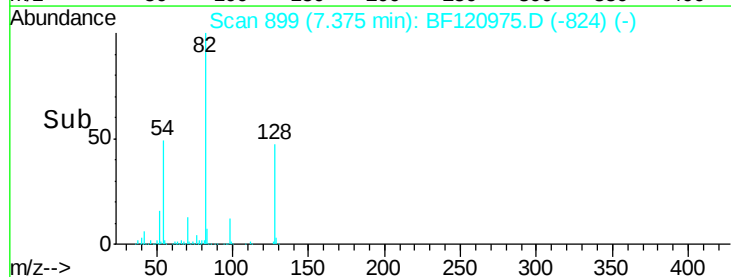
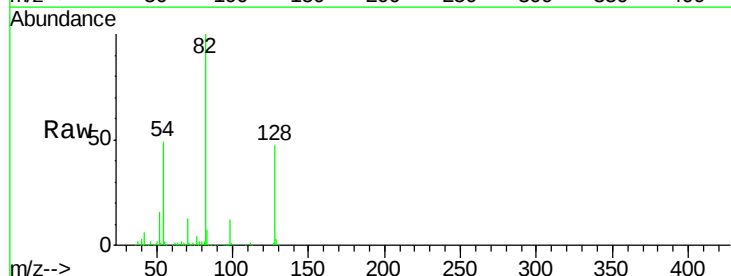
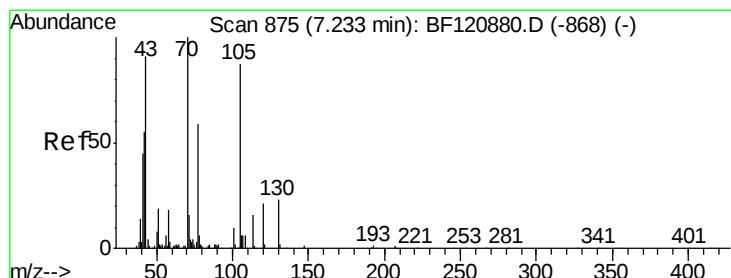
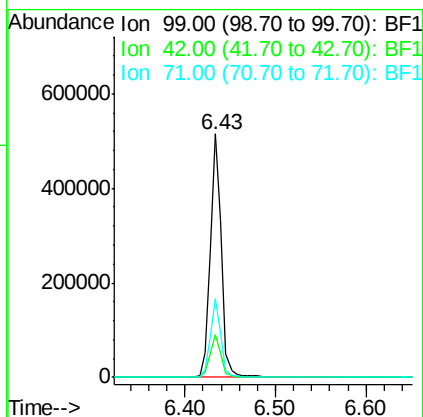
Tot Ion: 99 Resp: 446917

Ion Ratio Lower Upper

99 100

42 17.6 13.1 19.7

71 32.0 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.491 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120975.D

Acq: 22 Jul 2020 20:41

Tgt Ion: 70 Resp: 128355

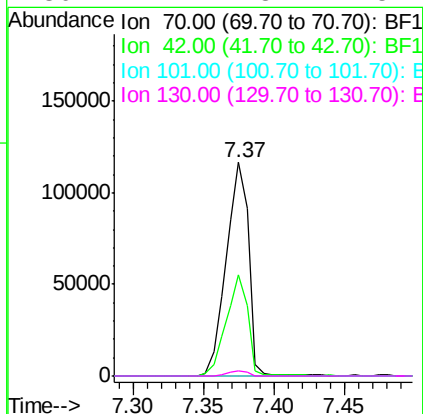
Ion Ratio Lower Upper

70 100

42 47.3 44.0 66.0

101 0.0 7.8 11.6#

130 2.2 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF120975.D

Acq: 22 Jul 2020 20:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 669337

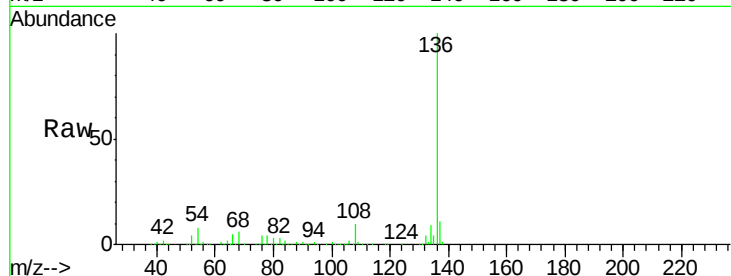
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 7.6 6.3 9.5

68 6.0 5.0 7.4

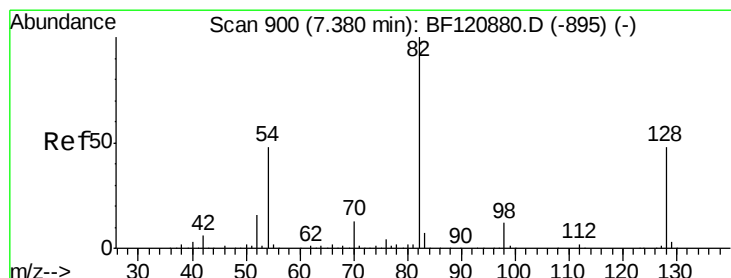
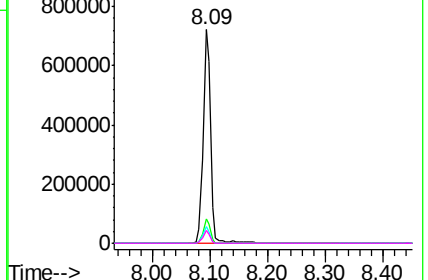
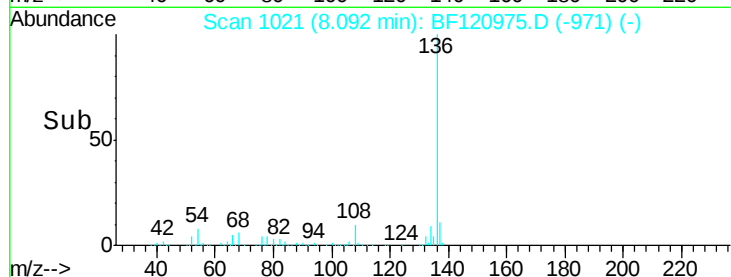


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.676 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120975.D

Acq: 22 Jul 2020 20:41

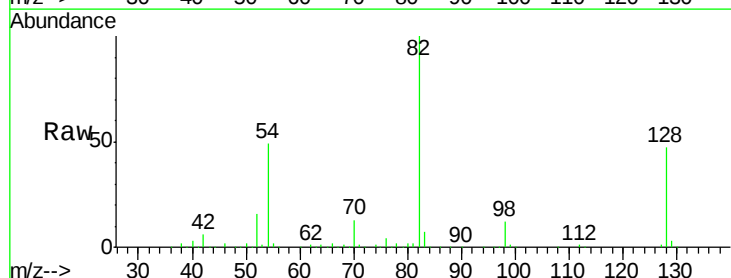
Tgt Ion: 82 Resp: 967927

Ion Ratio Lower Upper

82 100

128 47.2 38.2 57.4

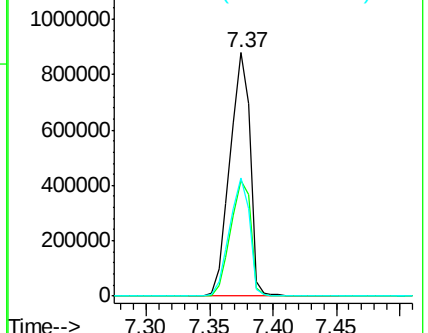
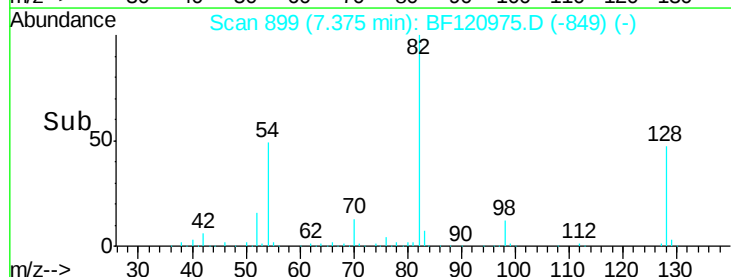
54 48.7 38.7 58.1



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: 41.814 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120975.D

Acq: 22 Jul 2020 20:41

Instrument :

BNA_F

ClientSampled :

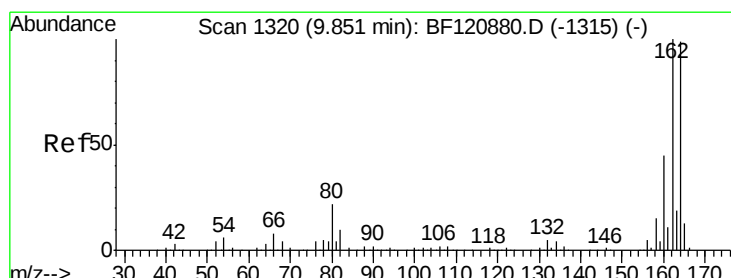
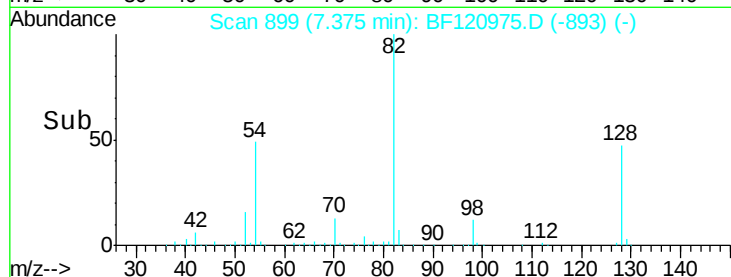
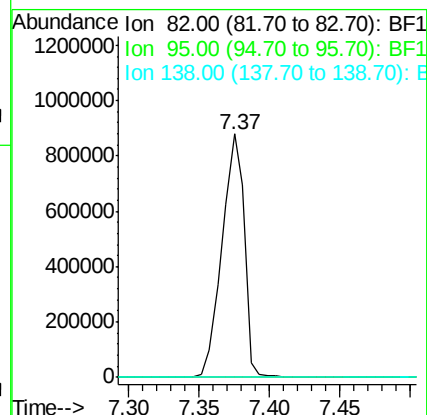
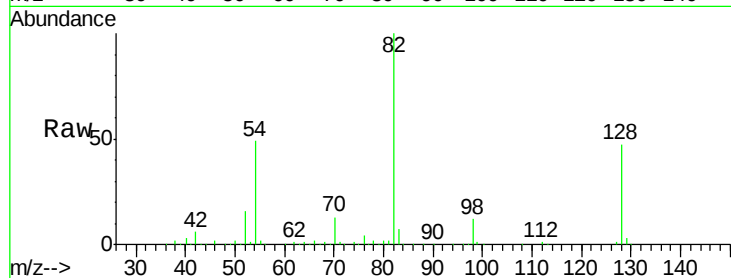
Tot Ion: 82 Resp: 965322

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 15.6 23.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF120975.D

Acq: 22 Jul 2020 20:41

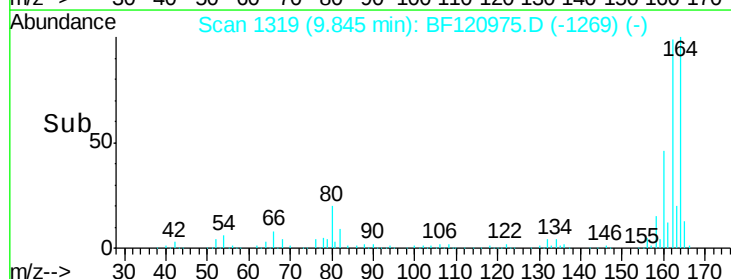
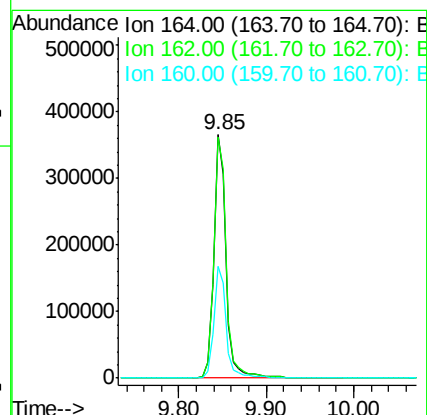
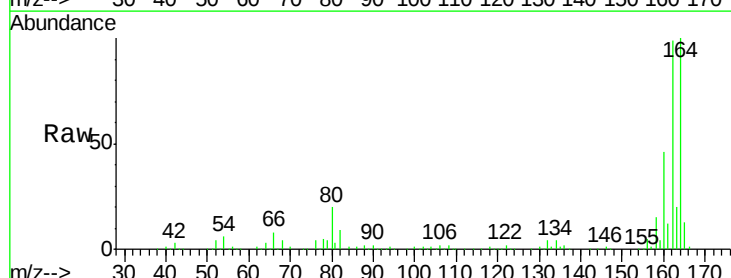
Tgt Ion: 164 Resp: 354255

Ion Ratio Lower Upper

164 100

162 98.9 81.2 121.8

160 45.7 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 113.190 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120975.D

Acq: 22 Jul 2020 20:41

Instrument :

BNA_F

ClientSampled :

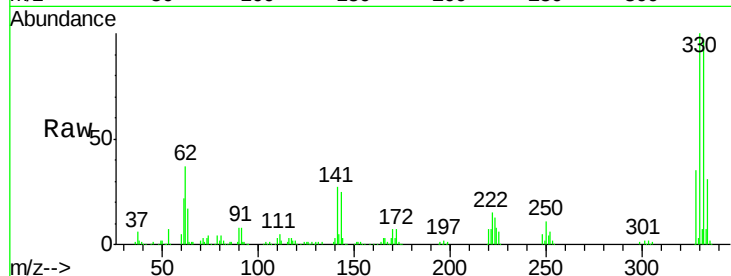
Tot Ion:330 Resp: 438914

Ion Ratio Lower Upper

330 100

332 96.2 75.5 113.3

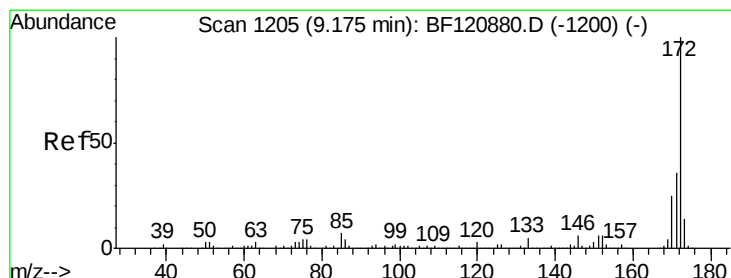
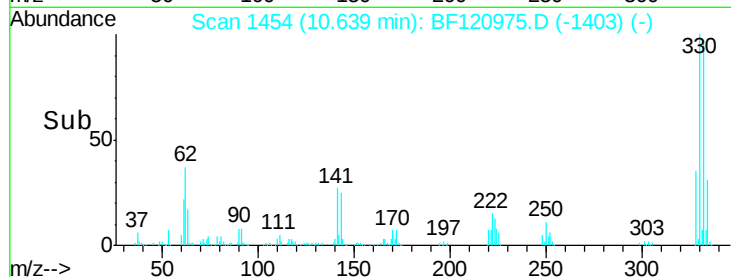
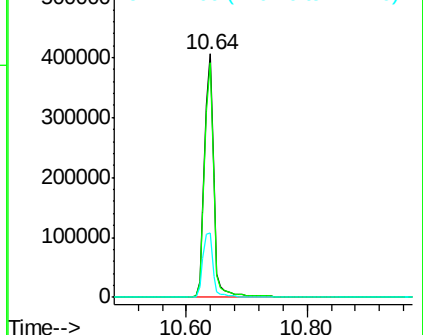
141 29.9 25.7 38.5



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: 69.881 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF120975.D

Acq: 22 Jul 2020 20:41

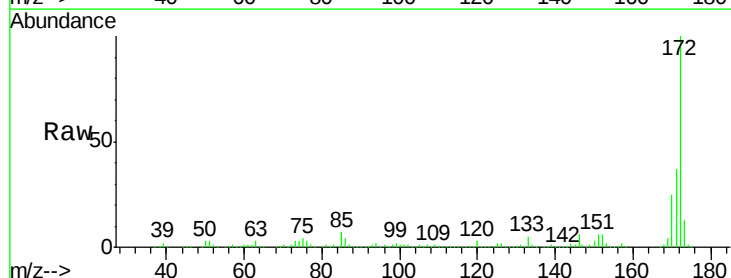
Tgt Ion:172 Resp: 1658062

Ion Ratio Lower Upper

172 100

171 36.9 29.0 43.4

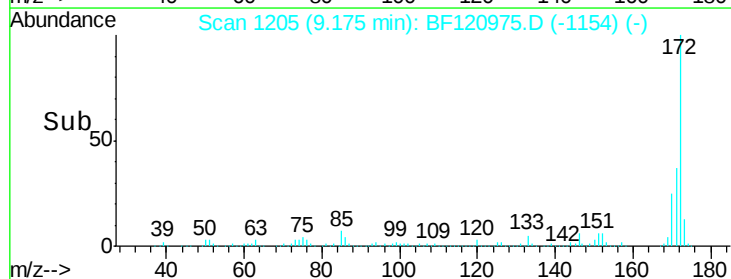
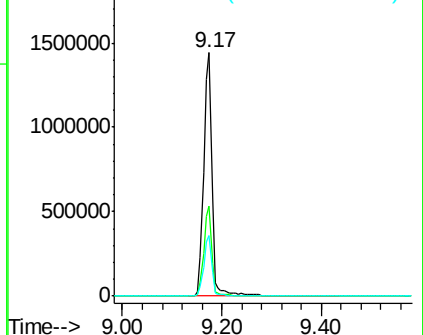
170 24.8 19.6 29.4

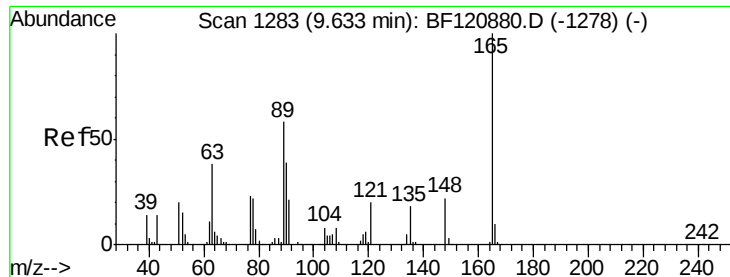


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 8.175 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.21 min

Lab File: BF120975.D

Acq: 22 Jul 2020 20:41

Instrument :

BNA_F

ClientSampleId :

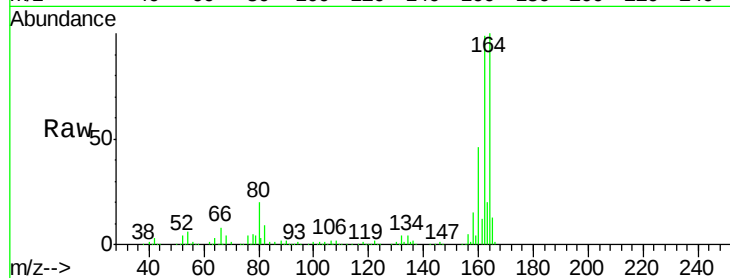
Tot Ion:165 Resp: 44889

Ion Ratio Lower Upper

165 100

63 1.1 45.4 68.2#

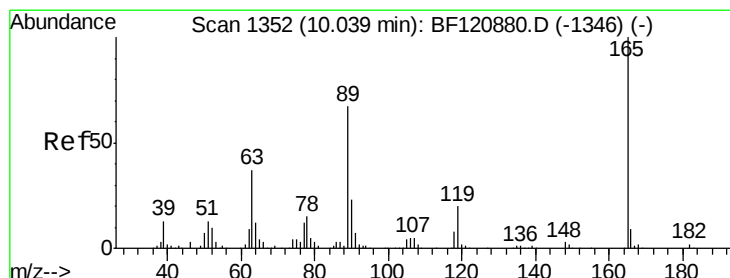
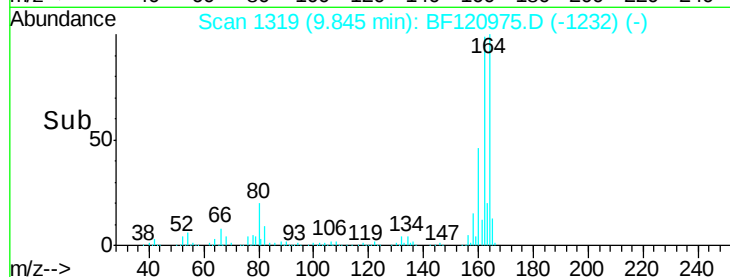
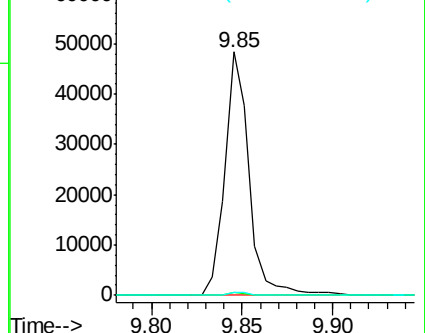
89 1.1 47.0 70.4#



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: 6.226 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.19 min

Lab File: BF120975.D

Acq: 22 Jul 2020 20:41

Tgt Ion:165 Resp: 44891

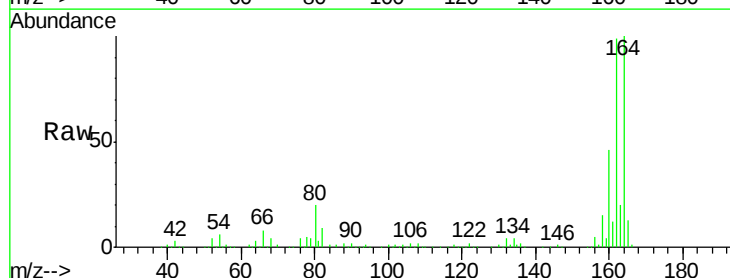
Ion Ratio Lower Upper

165 100

63 1.1 29.4 44.2#

89 1.1 53.4 80.0#

182 0.0 1.8 2.6#

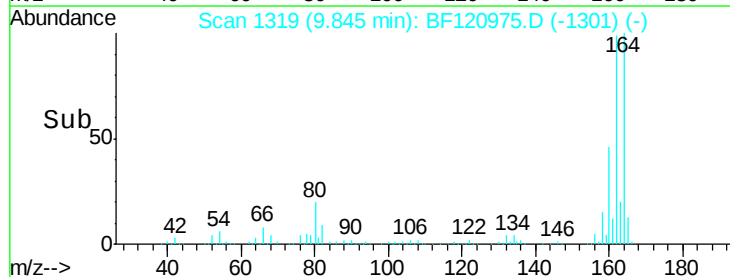
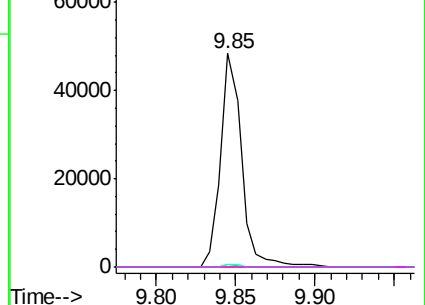


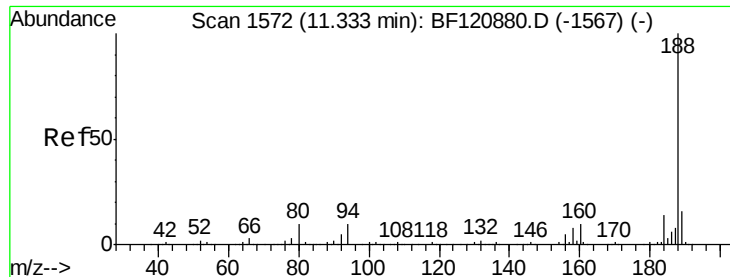
Abundance Ion 165.00 (164.70 to 165.70): E

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

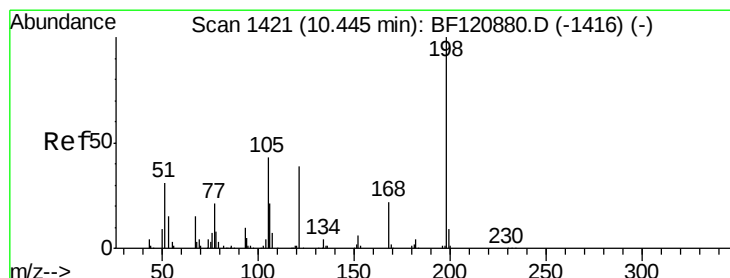
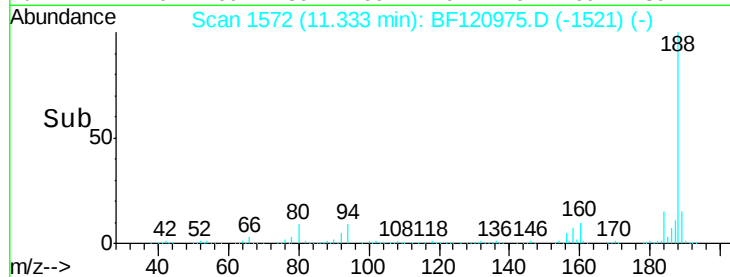
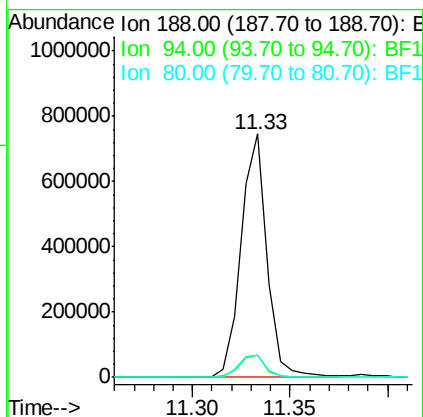
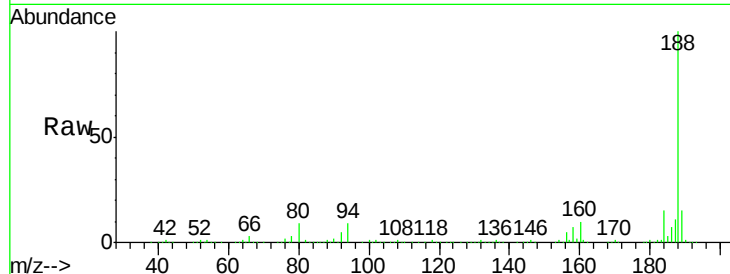




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF120975.D
 Acq: 22 Jul 2020 20:41

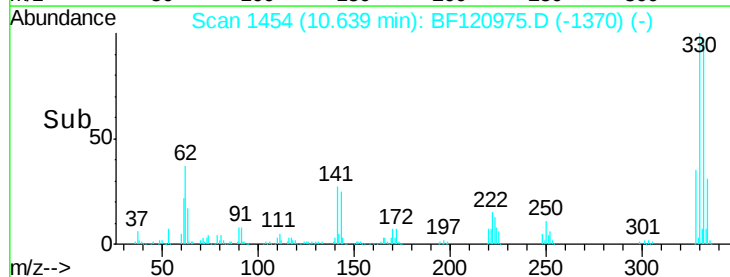
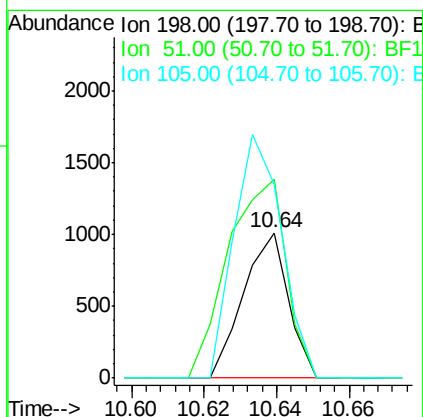
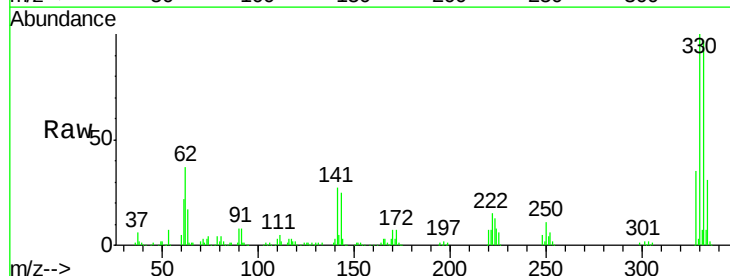
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.0	12.0
80	9.1	8.3	12.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.047 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF120975.D
 Acq: 22 Jul 2020 20:41

Tgt Ion	Ratio	Lower	Upper
198	100		
51	136.7	19.5	59.5#
105	132.9	24.4	64.4#

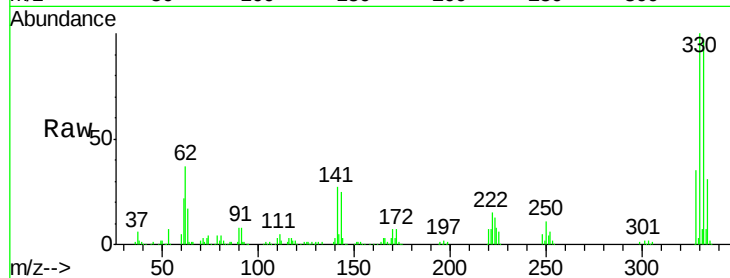




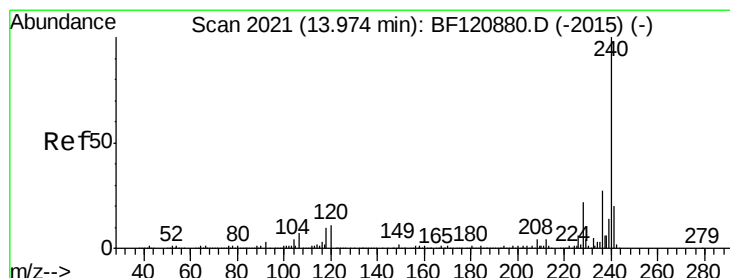
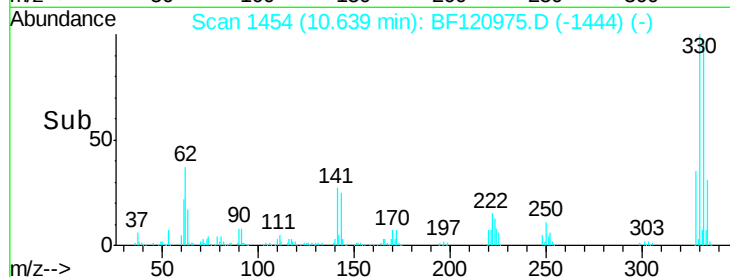
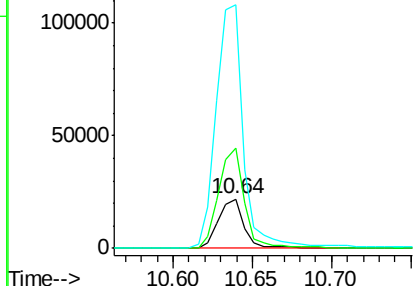
#67
4-Bromophenyl-phenylether
Concen: 3.254 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF120975.D
Acq: 22 Jul 2020 20:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 24768
Ion Ratio Lower Upper
248 100
250 202.8 77.1 115.7#
141 491.4 61.2 91.8#

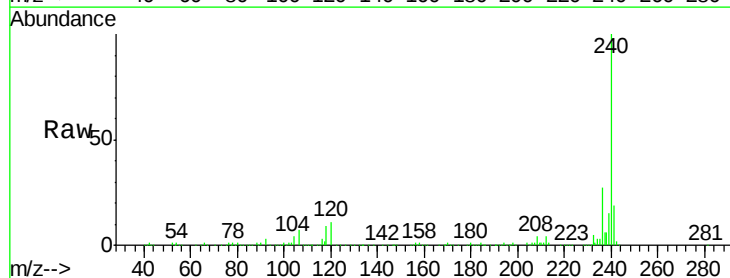


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

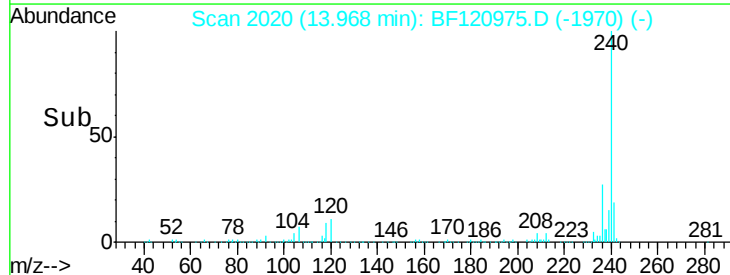
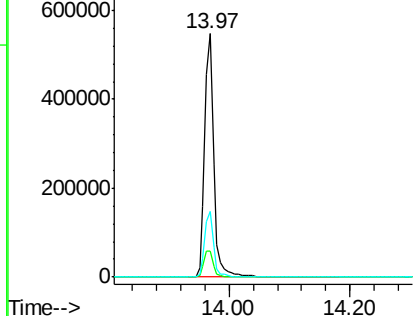


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120975.D
Acq: 22 Jul 2020 20:41

Tgt Ion:240 Resp: 575433
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.4
236 26.8 21.7 32.5



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

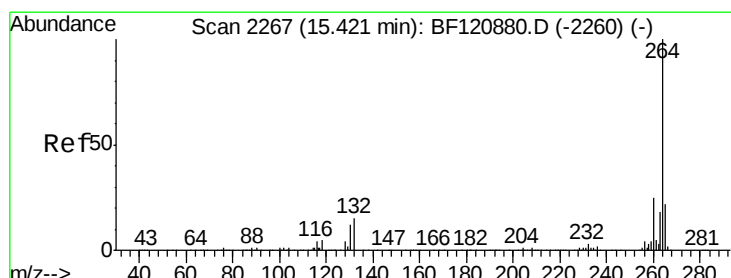
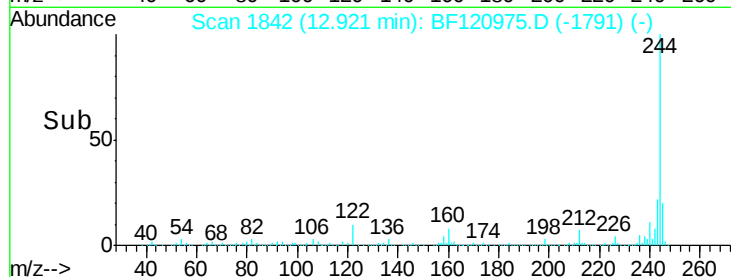
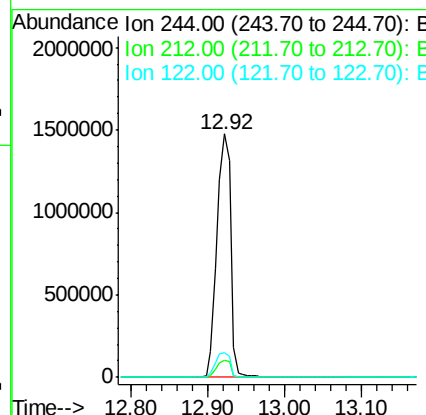
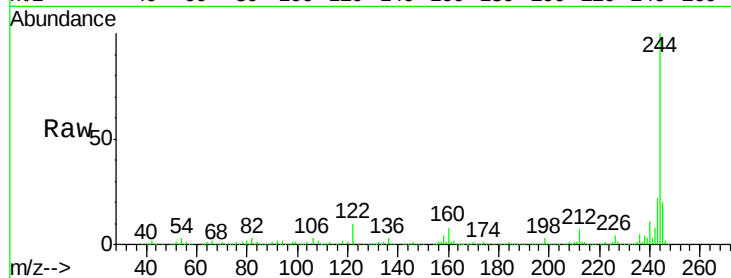




#79
 Terphenyl-d14
 Concen: 68.243 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120975.D
 Acq: 22 Jul 2020 20:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1806489
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.2 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF120975.D
 Acq: 22 Jul 2020 20:41

Tgt Ion:264 Resp: 493799
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.0 30.0
 265 21.9 17.4 26.2

